

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120518\
 Data File : VX006306.D
 Acq On : 05 Dec 2018 17:44
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 12/7/2018 10:42:13 AM

Quant Time: Dec 06 01:09:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	664678	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	986616	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	883040	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	449311	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	325603	47.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.98%	
35) Dibromofluoromethane	5.50	113	318479	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	
50) Toluene-d8	8.71	98	1109248	47.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.48%	
62) 4-Bromofluorobenzene	11.13	95	415672	47.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	330327	50.756	ug/l	100
3) Chloromethane	1.33	50	305715	45.711	ug/l	97
4) Vinyl Chloride	1.41	62	336863	46.800	ug/l	99
5) Bromomethane	1.64	94	234299	46.968	ug/l	100
6) Chloroethane	1.71	64	211948	48.024	ug/l	100
7) Trichlorofluoromethane	1.93	101	531056	48.063	ug/l	100
8) Diethyl Ether	2.19	74	203177	48.587	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	304722	48.502	ug/l	99
10) Methyl Iodide	2.51	142	414202	43.746	ug/l	99
11) Tert butyl alcohol	3.07	59	407879	219.807	ug/l	100
12) 1,1-Dichloroethene	2.37	96	284999	47.386	ug/l	95
13) Acrolein	2.29	56	227491	224.302	ug/l	98
14) Allyl chloride	2.73	41	532118	44.788	ug/l	99
15) Acrylonitrile	3.15	53	898566	232.053	ug/l	100
16) Acetone	2.45	43	764528	240.093	ug/l	99
17) Carbon Disulfide	2.57	76	800356	43.185	ug/l	100
18) Methyl Acetate	2.78	43	511109	47.996	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	1019870	47.534	ug/l	100
20) Methylene Chloride	2.86	84	315125	46.500	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	297175	46.366	ug/l	97
22) Diisopropyl ether	3.87	45	914492	49.279	ug/l	99
23) Vinyl Acetate	3.82	43	3861760	243.984	ug/l	100
24) 1,1-Dichloroethane	3.70	63	517462	48.785	ug/l	100
25) 2-Butanone	4.70	43	1102256	242.599	ug/l	98
26) 2,2-Dichloropropane	4.59	77	477225	48.751	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	359123	50.232	ug/l	98
28) Bromochloromethane	5.02	49	234880	50.697	ug/l	96
29) Tetrahydrofuran	5.15	42	738688	233.929	ug/l	98
30) Chloroform	5.21	83	556754	49.948	ug/l	100
31) Cyclohexane	5.57	56	460154	46.943	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	516074	48.661	ug/l	100
36) 1,1-Dichloropropene	5.80	75	393223	47.329	ug/l	98
37) Ethyl Acetate	4.85	43	434855	46.737	ug/l	98
38) Carbon Tetrachloride	5.78	117	475256	48.624	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	511198	47.401	ug/l	100
40) Benzene	6.14	78	1218753	48.977	ug/l	99
41) Methacrylonitrile	5.06	41	239080	46.698	ug/l	98
42) 1,2-Dichloroethane	6.20	62	405135	49.746	ug/l	99
43) Isopropyl Acetate	6.46	43	715466	46.121	ug/l	99
44) Trichloroethene	7.21	130	366883	48.668	ug/l	98
45) 1,2-Dichloropropane	7.52	63	308111	48.718	ug/l	99
46) Dibromomethane	7.66	93	223492	48.930	ug/l	99
47) Bromodichloromethane	7.90	83	426821	48.254	ug/l	100
48) Methyl methacrylate	7.77	41	350915	46.498	ug/l	97
49) 1,4-Dioxane	7.75	88	170096	914.483	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	2109978	233.645	ug/l	99
52) Toluene	8.79	92	790447	48.283	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	478881	46.293	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	519572	48.370	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	332027	49.922	ug/l	99
56) Ethyl methacrylate	9.18	69	495598	47.665	ug/l	99
57) 1,3-Dichloropropane	9.37	76	515115	48.979	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	1233798	233.841	ug/l	99
59) 2-Hexanone	9.49	43	1588746	230.270	ug/l	100
60) Dibromochloromethane	9.59	129	391099	47.688	ug/l	99
61) 1,2-Dibromoethane	9.67	107	361913	48.666	ug/l	99
64) Tetrachloroethene	9.34	164	319808	48.091	ug/l	98
65) Chlorobenzene	10.14	112	928570	49.537	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	358961	49.287	ug/l	99
67) Ethyl Benzene	10.25	91	1517644	48.679	ug/l	100
68) m/p-Xylenes	10.36	106	1211120	96.979	ug/l	100
69) o-Xylene	10.70	106	601252	48.741	ug/l	100
70) Styrene	10.71	104	975964	48.918	ug/l	99
71) Bromoform	10.86	173	315520	45.893	ug/l #	100
73) Isopropylbenzene	11.02	105	1579761	50.913	ug/l	100
74) N-amyl acetate	10.90	43	627479	46.961	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	484800	48.837	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	461138m	53.173	ug/l	
77) Bromobenzene	11.26	156	430331	49.974	ug/l	100
78) n-propylbenzene	11.36	91	1749347	50.718	ug/l	100
79) 2-Chlorotoluene	11.42	91	1028182	50.154	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1308747	50.693	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	167813	45.409	ug/l	94
82) 4-Chlorotoluene	11.51	91	1182339	49.605	ug/l	100
83) tert-Butylbenzene	11.77	119	1388274	50.399	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	1343649	50.403	ug/l	100
85) sec-Butylbenzene	11.94	105	1606269	51.258	ug/l	100
86) p-Isopropyltoluene	12.07	119	1433793	50.812	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	767830	50.112	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	762093	49.004	ug/l	100
89) n-Butylbenzene	12.39	91	1209066	50.217	ug/l	100
90) Hexachloroethane	12.60	117	280103	48.704	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	745374	49.016	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	116314	45.709	ug/l	99

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QLast Update : Fri Nov 30 03:55:33 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	548728	49.461	ug/l	100
94) Hexachlorobutadiene	13.78	225	240753	49.070	ug/l	99
95) Naphthalene	13.83	128	1747697	50.643	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	548147	49.884	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

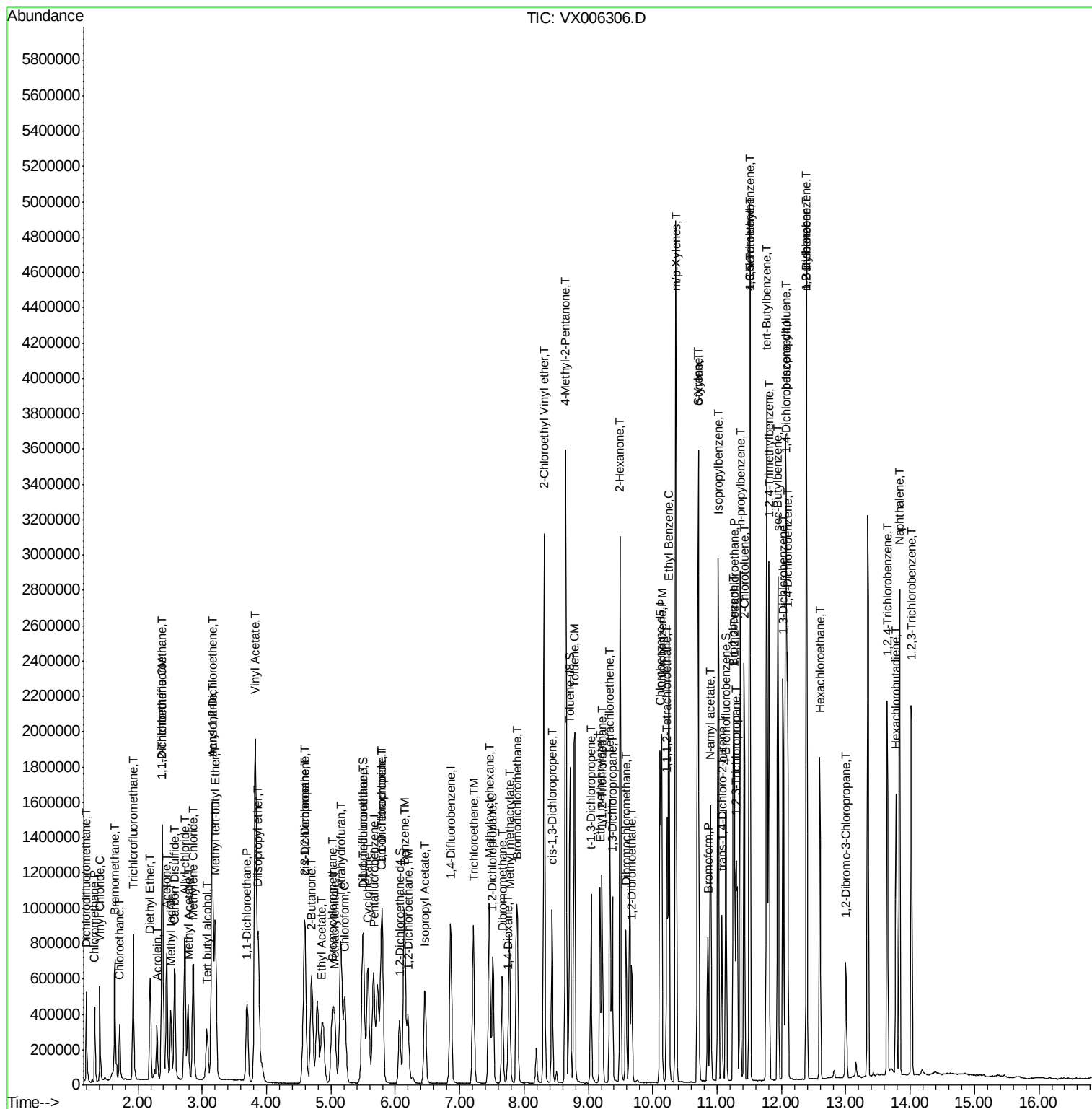
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 Data File : VX006306.D
 Acq On : 05 Dec 2018 17:44
 Operator : JC/MD
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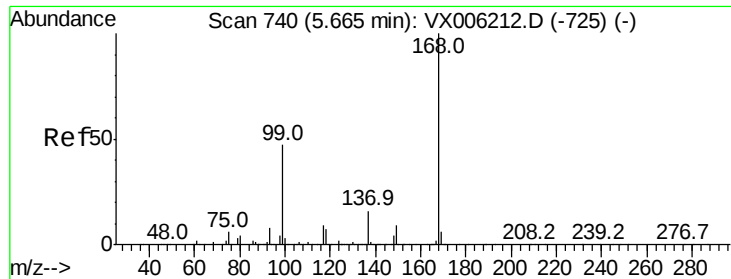
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006306.D

Acq: 05 Dec 2018 17:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 664678

Ion Ratio Lower Upper

168 100

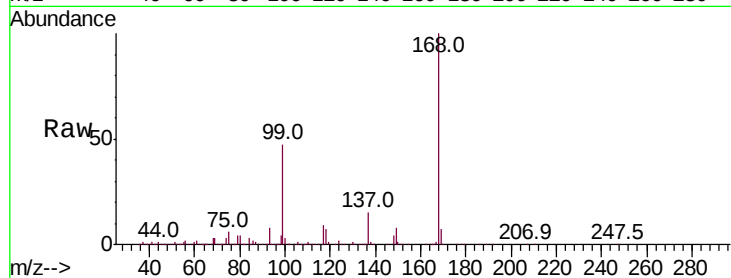
99 47.2 37.8 56.8

Manual Integrations

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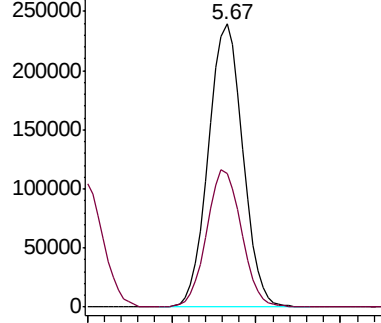
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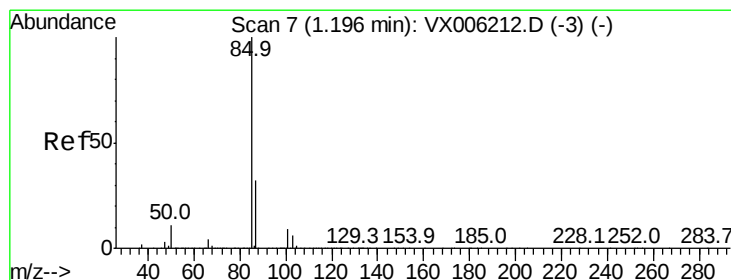
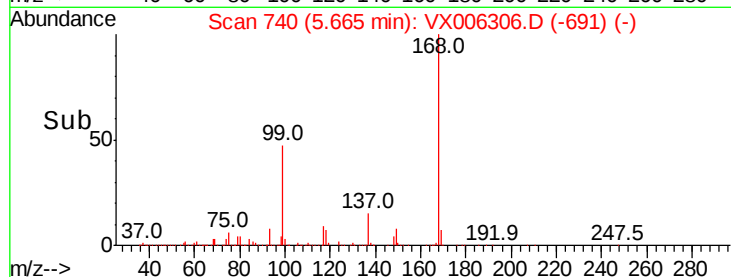


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



Time-->



#2

Dichlorodifluoromethane

Concen: 50.756 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX006306.D

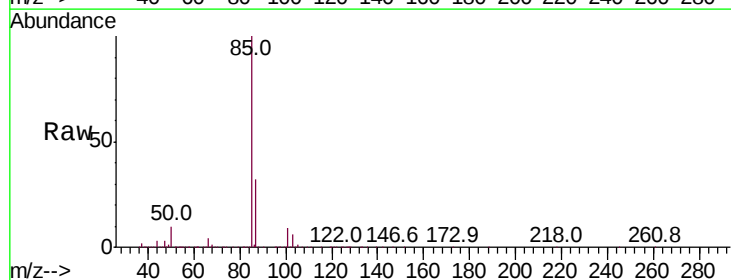
Acq: 05 Dec 2018 17:44

Tgt Ion: 85 Resp: 330327

Ion Ratio Lower Upper

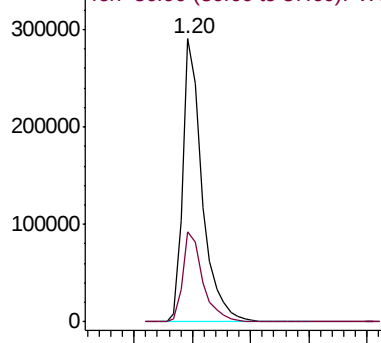
85 100

87 32.0 16.1 48.2

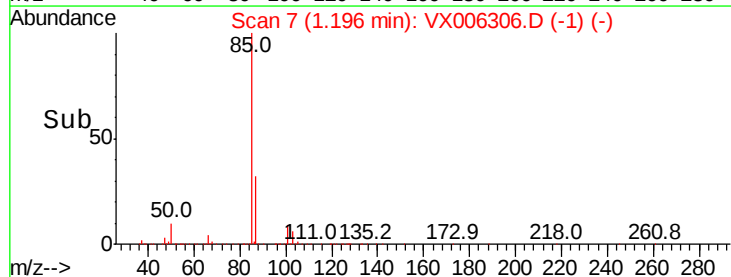


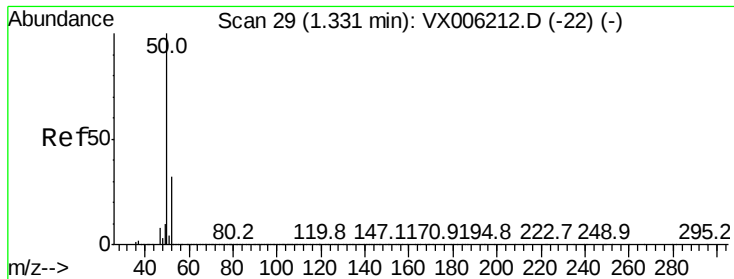
Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0



Time-->





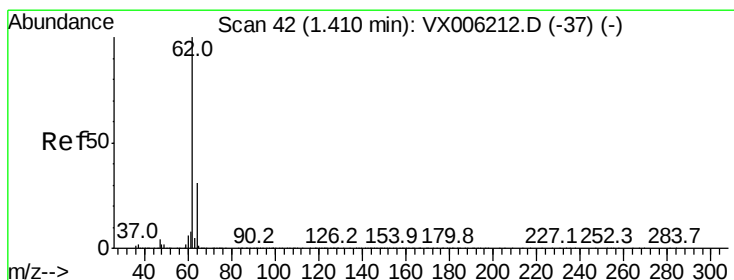
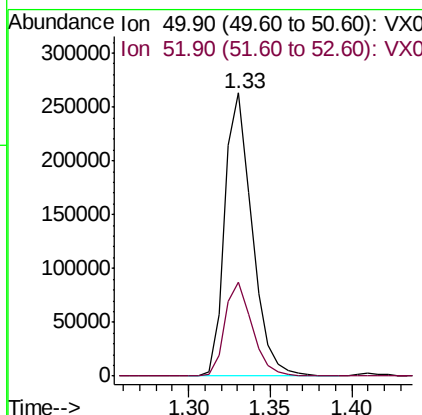
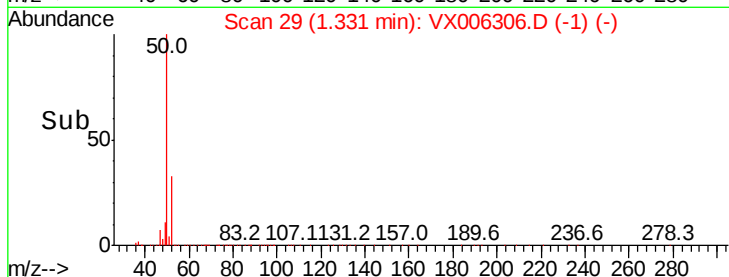
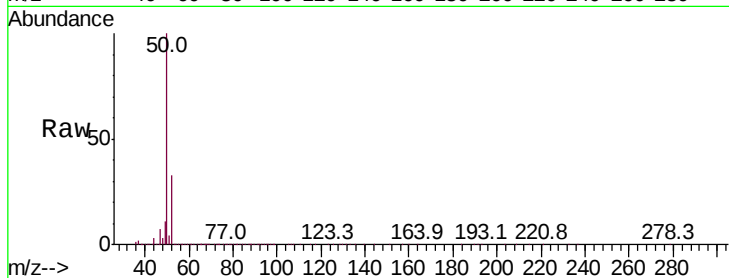
#3
Chloromethane
Concen: 45.711 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.00 min
Lab File: VX006306.D
Acq: 05 Dec 2018 17:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
50	100		
52	33.0	25.2	37.8

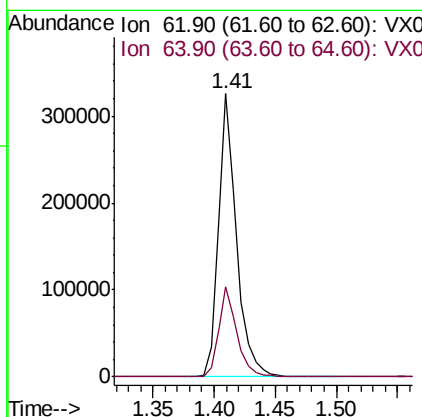
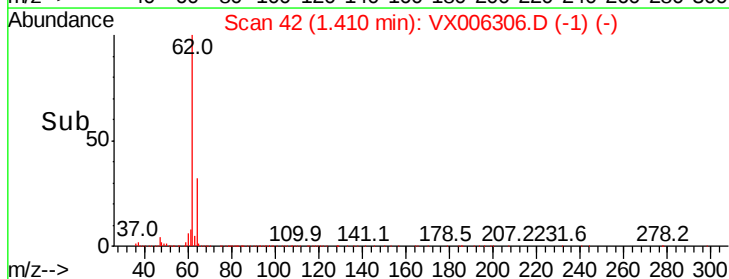
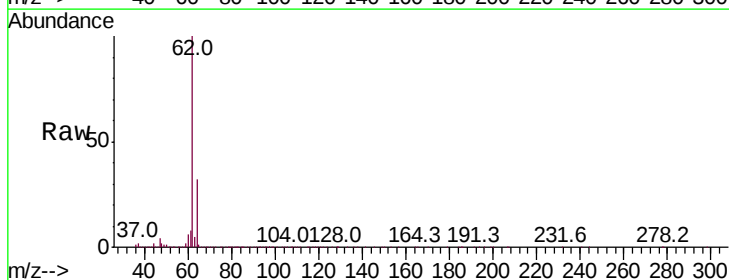
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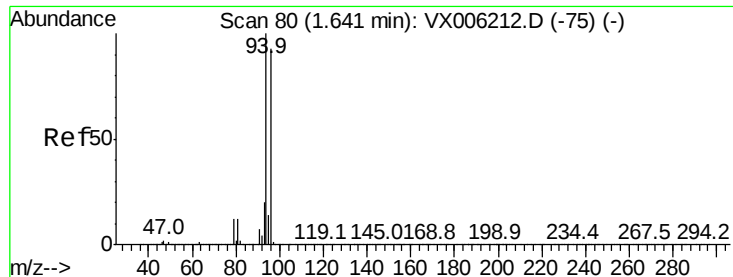
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#4
Vinyl Chloride
Concen: 46.800 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.00 min
Lab File: VX006306.D
Acq: 05 Dec 2018 17:44

Tgt Ion	Ratio	Lower	Upper
62	100		
64	31.7	24.9	37.3





#5

Bromomethane

Concen: 46.968 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006306.D

Acq: 05 Dec 2018 17:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 234299

Ion Ratio Lower Upper

94 100

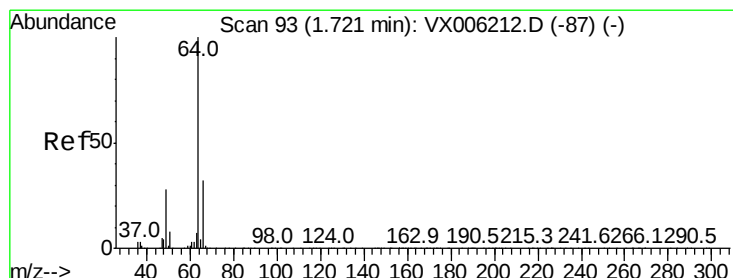
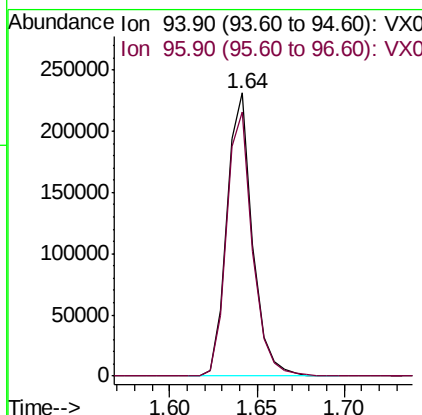
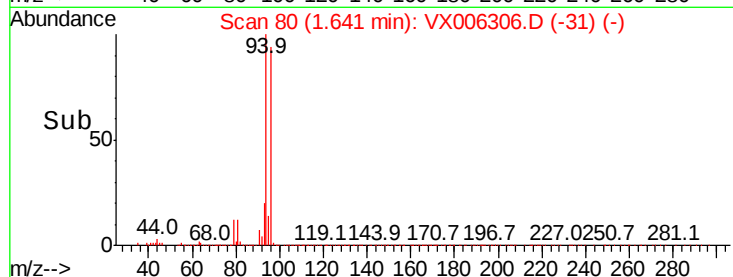
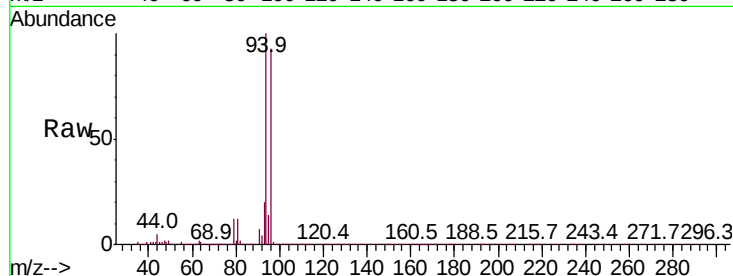
96 93.4 74.5 111.7

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#6

Chloroethane

Concen: 48.024 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX006306.D

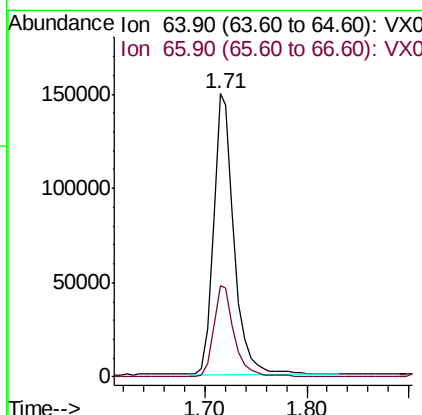
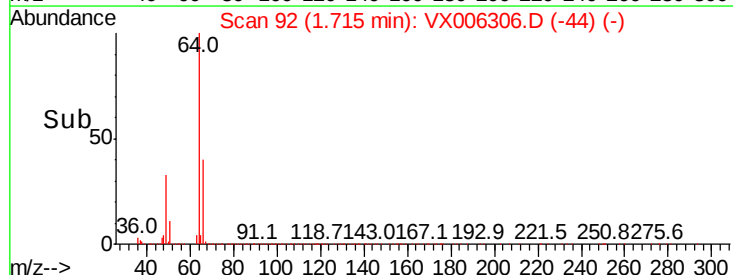
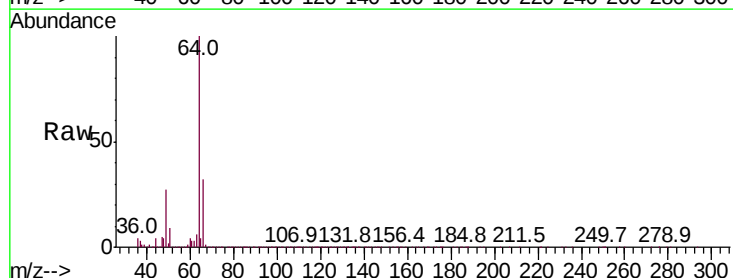
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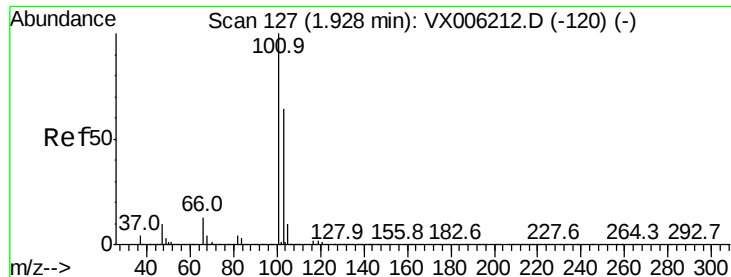
Tgt Ion: 64 Resp: 211948

Ion Ratio Lower Upper

64 100

66 32.6 25.9 38.9





#7

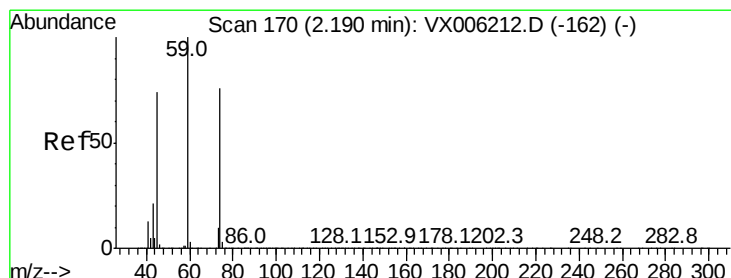
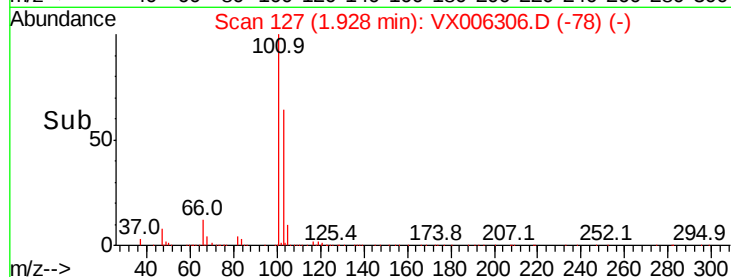
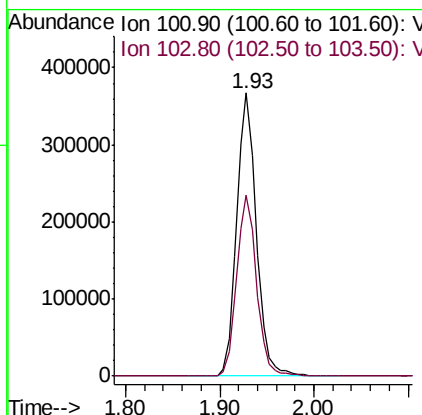
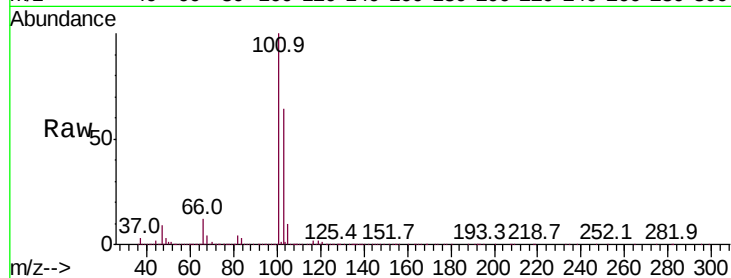
Trichlorofluoromethane
Concen: 48.063 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX006306.D
Acq: 05 Dec 2018 17:44

Instrument :
MSVOA_X
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.1	51.0	76.4

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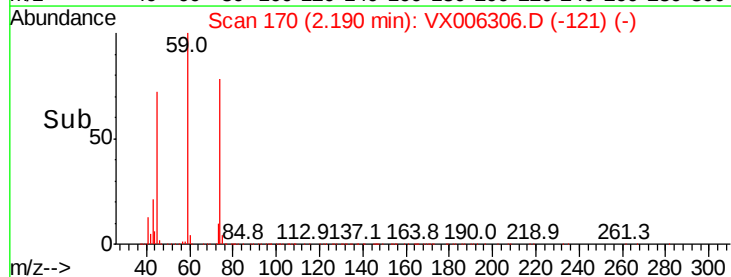
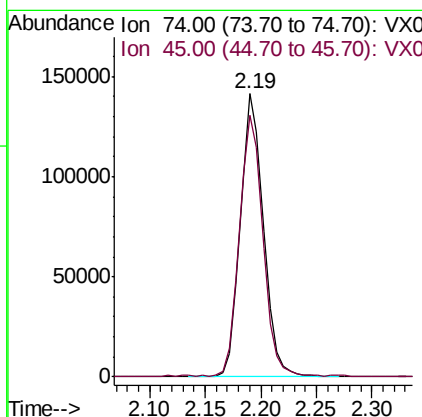
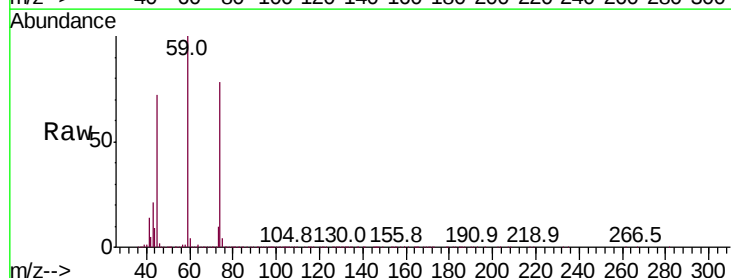
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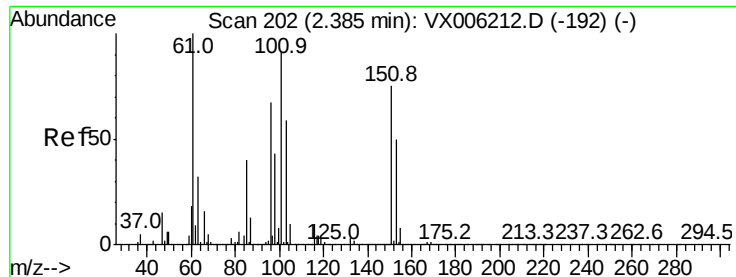


#8

Diethyl Ether
Concen: 48.587 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006306.D
Acq: 05 Dec 2018 17:44

Tgt Ion	Ratio	Lower	Upper
74	100		
45	93.7	49.5	148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.502 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX006306.D

Acq: 05 Dec 2018 17:44

Instrument :

MSVOA_X

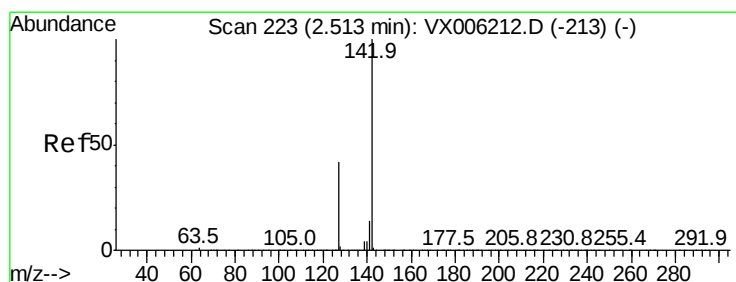
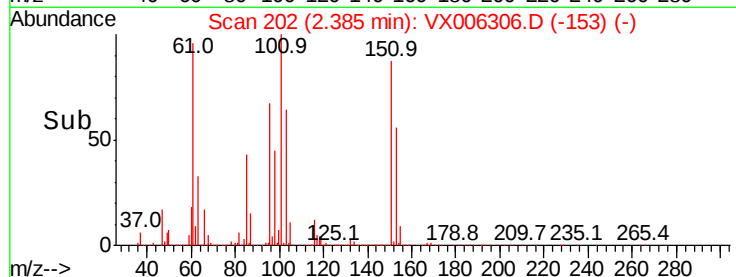
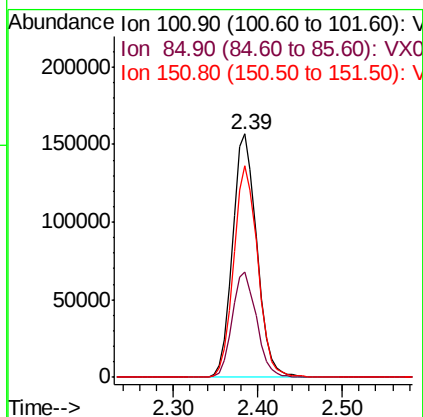
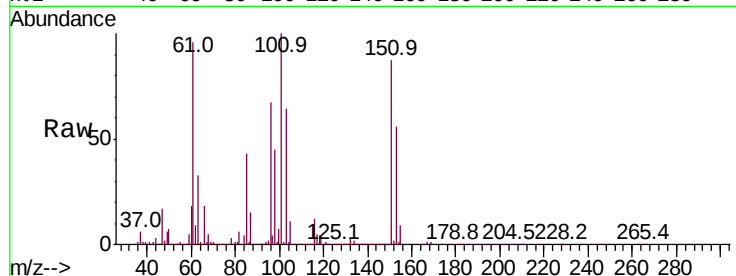
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	304722
Ion Ratio	Lower	Upper	
101	100		
85	43.2	35.5	53.3
151	86.0	68.6	103.0

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#10

Methyl Iodide

Concen: 43.746 ug/l

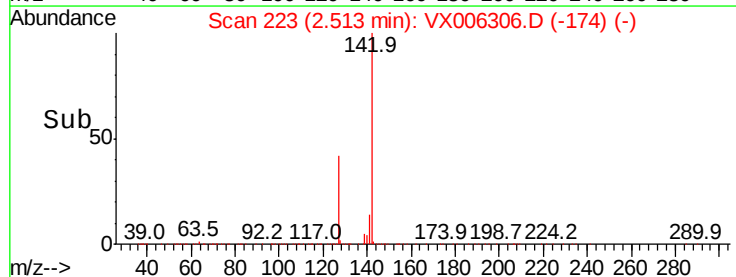
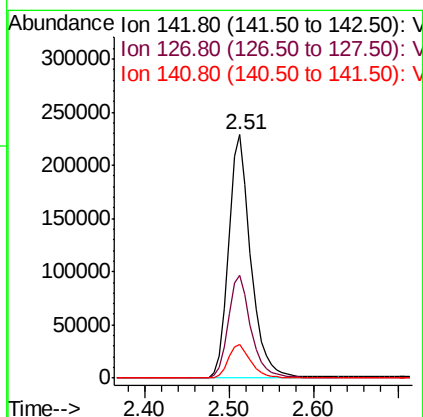
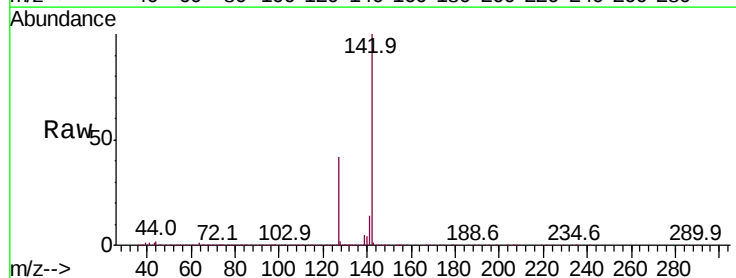
RT: 2.51 min Scan# 223

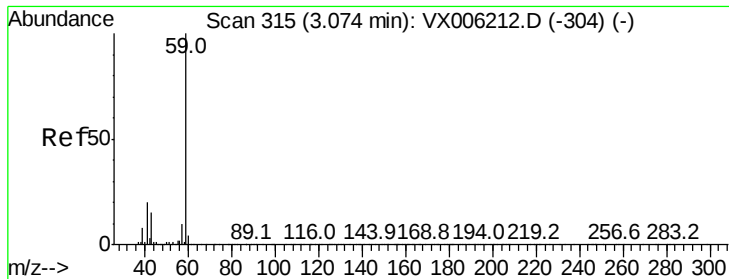
Delta R.T. 0.00 min

Lab File: VX006306.D

Acq: 05 Dec 2018 17:44

Tgt Ion:	142	Resp:	414202
Ion Ratio	Lower	Upper	
142	100		
127	42.8	34.8	52.2
141	14.0	11.4	17.2





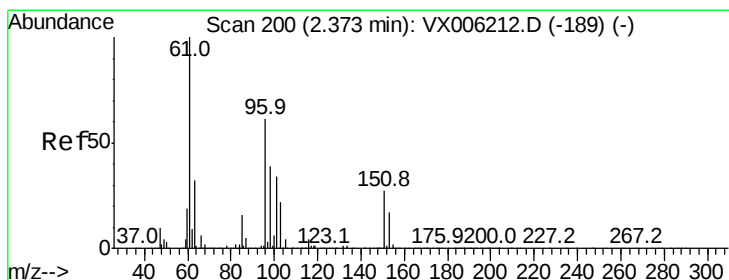
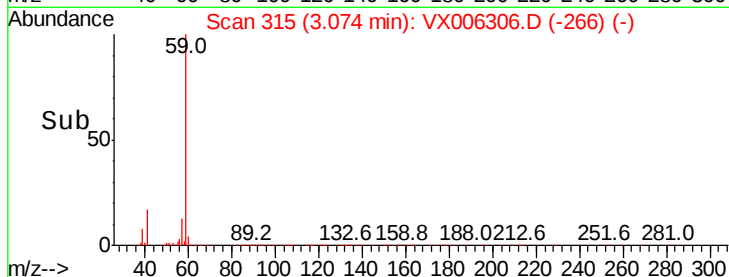
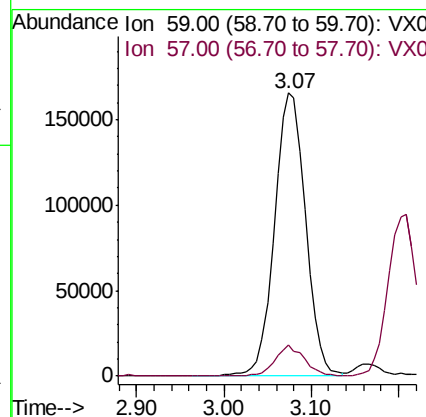
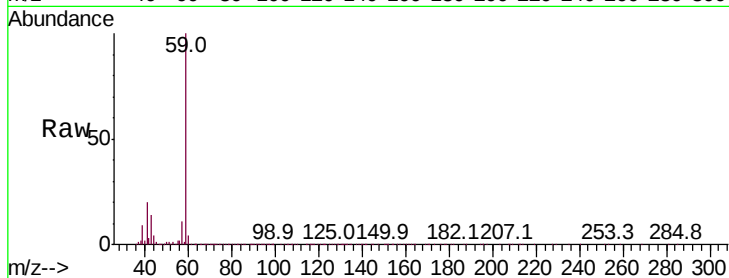
#11
Tert butyl alcohol
Concen: 219.807 ug/l
RT: 3.07 min Scan# 315
Delta R.T. 0.00 min
Lab File: VX006306.D
Acq: 05 Dec 2018 17:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.2	12.2

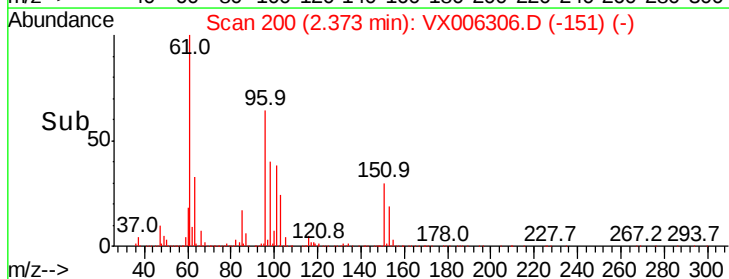
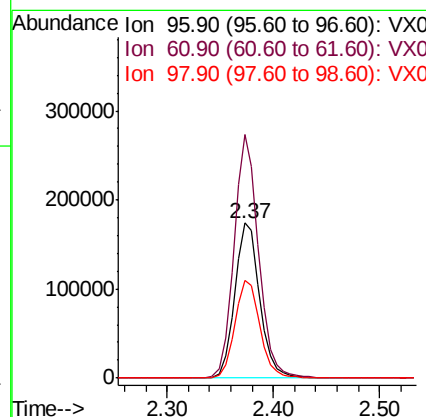
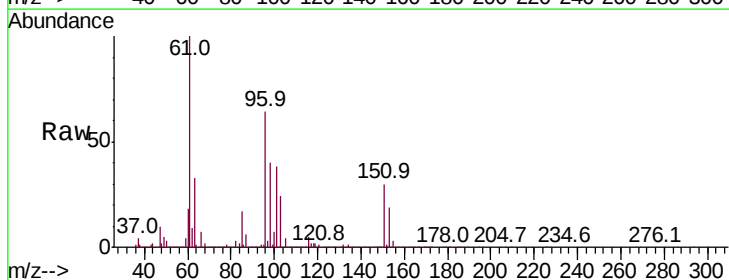
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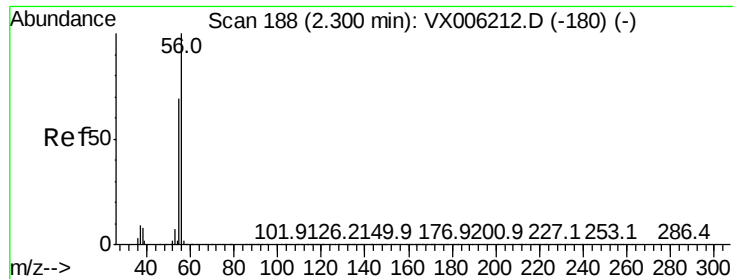
MMDadoda
12/7/2018 10:42:13 AM



#12
1,1-Dichloroethene
Concen: 47.386 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX006306.D
Acq: 05 Dec 2018 17:44

Tgt Ion	Ratio	Lower	Upper
96	100		
61	157.0	131.7	197.5
98	62.8	51.8	77.6





#13

Acrolein

Concen: 224.302 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.01 min

Lab File: VX006306.D

Acq: 05 Dec 2018 17:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 227491

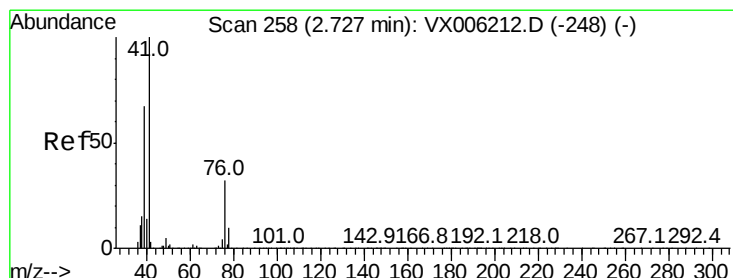
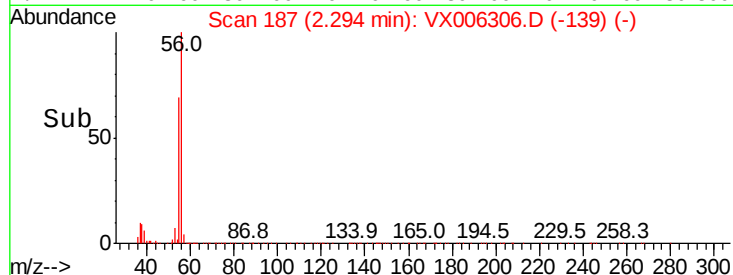
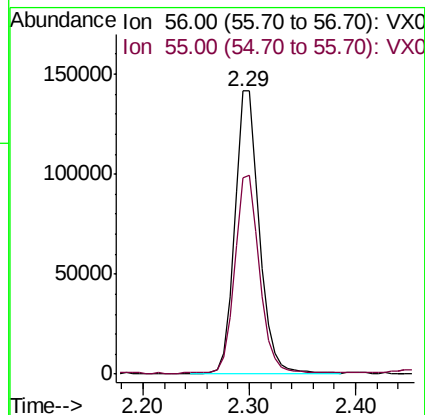
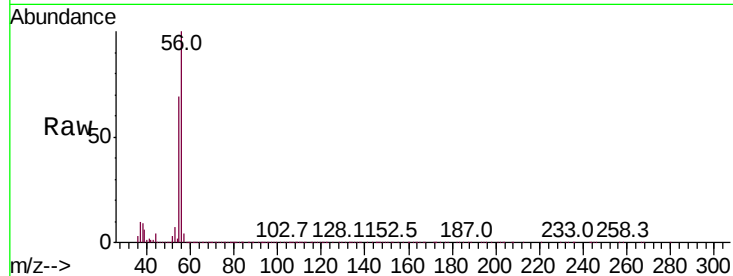
Ion Ratio Lower Upper

56 100

55 70.9 57.8 86.6

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#14

Allyl chloride

Concen: 44.788 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX006306.D

Acq: 05 Dec 2018 17:44

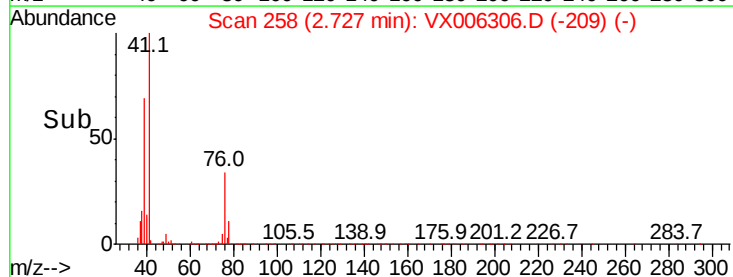
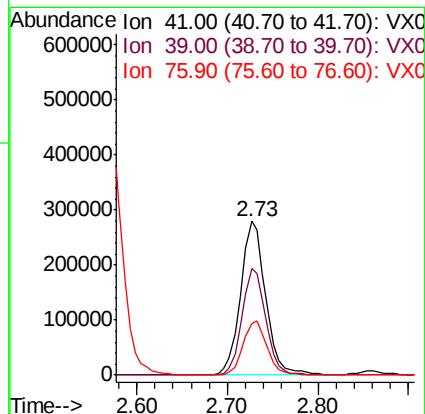
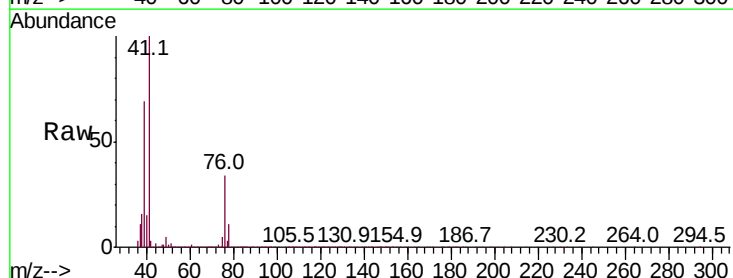
Tgt Ion: 41 Resp: 532118

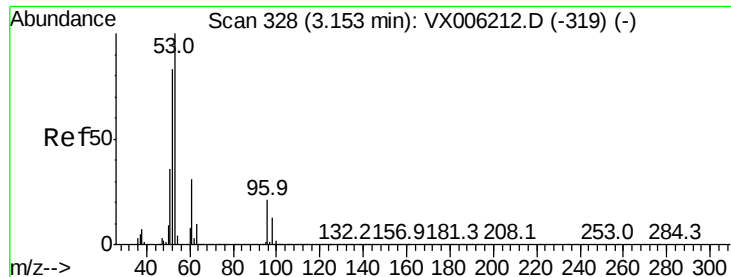
Ion Ratio Lower Upper

41 100

39 65.9 52.4 78.6

76 33.6 25.4 38.0





#15

Acrylonitrile

Concen: 232.053 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VX006306.D

Acq: 05 Dec 2018 17:44

Instrument :

MSVOA_X

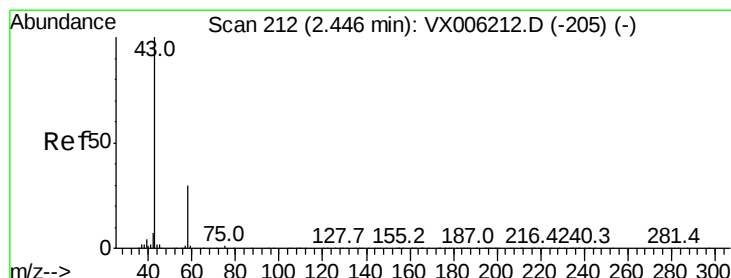
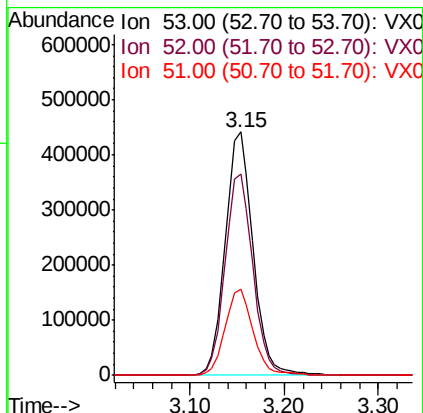
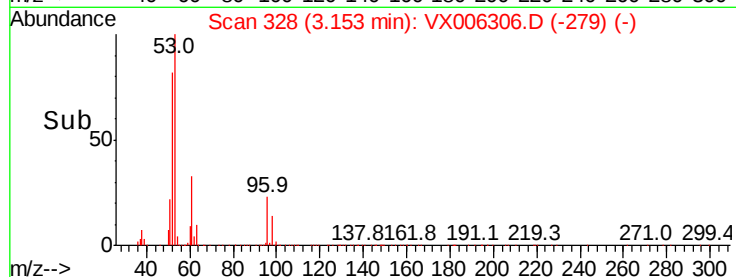
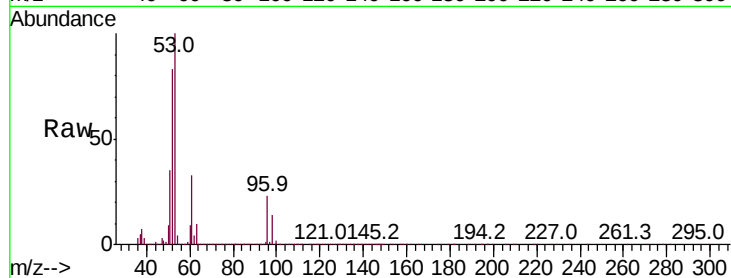
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	898566
Ion Ratio		Lower	Upper
53	100		
52	83.1	66.2	99.4
51	35.7	28.7	43.1

Manual Integrations
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#16

Acetone

Concen: 240.093 ug/l

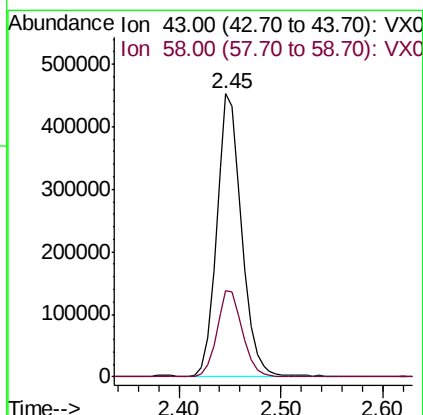
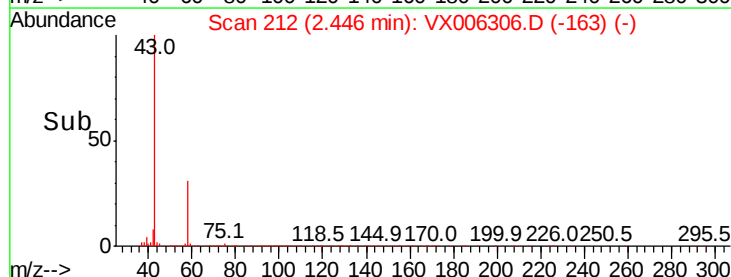
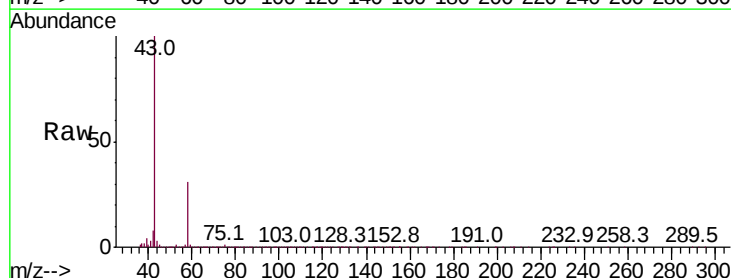
RT: 2.45 min Scan# 212

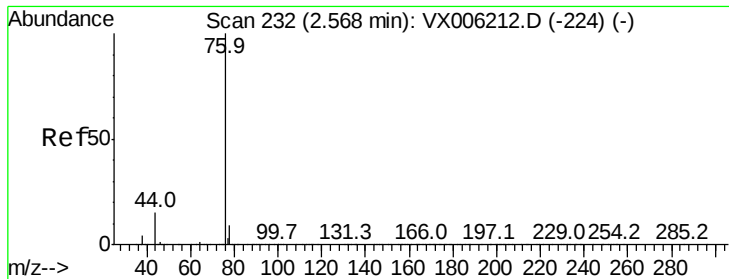
Delta R.T. 0.00 min

Lab File: VX006306.D

Acq: 05 Dec 2018 17:44

Tgt Ion:	43	Resp:	764528
Ion Ratio		Lower	Upper
43	100		
58	30.7	24.0	36.0





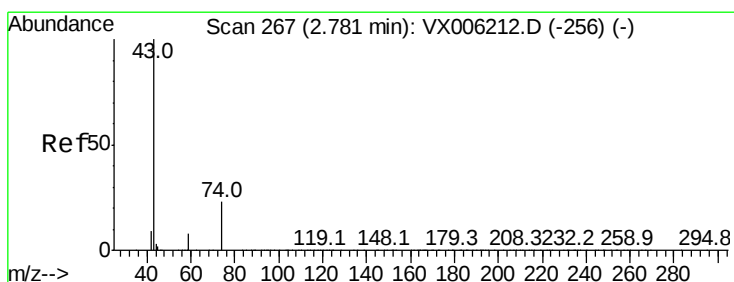
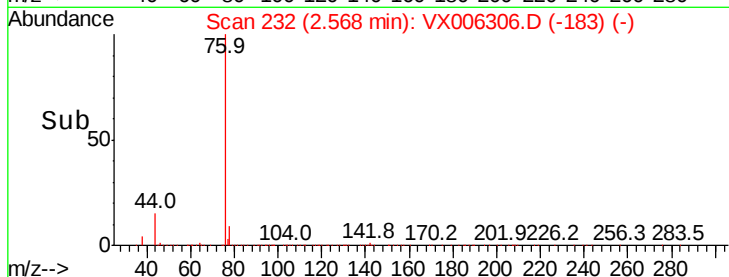
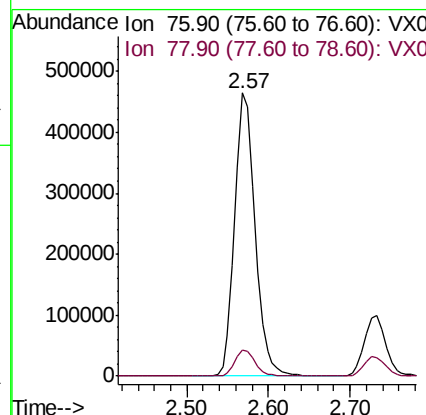
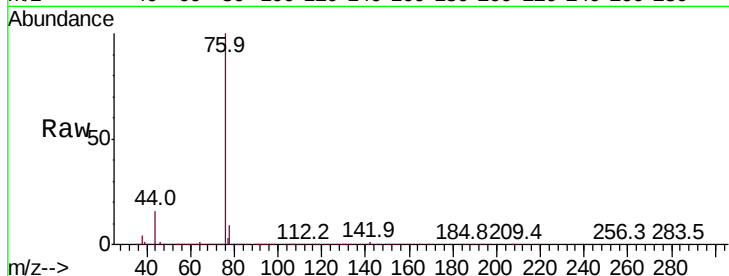
#17
Carbon Disulfide
Concen: 43.185 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX006306.D
Acq: 05 Dec 2018 17:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.1	10.7

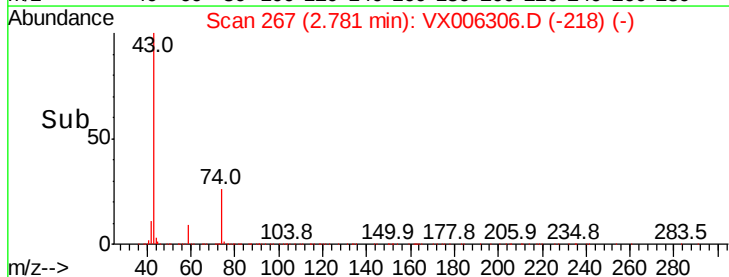
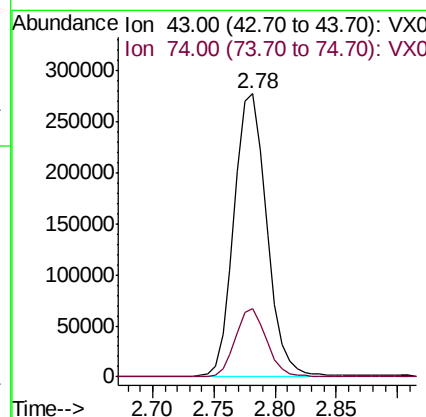
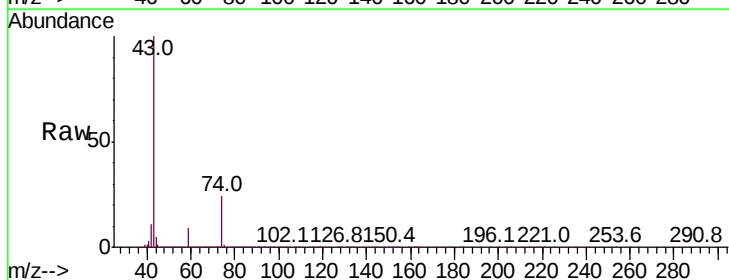
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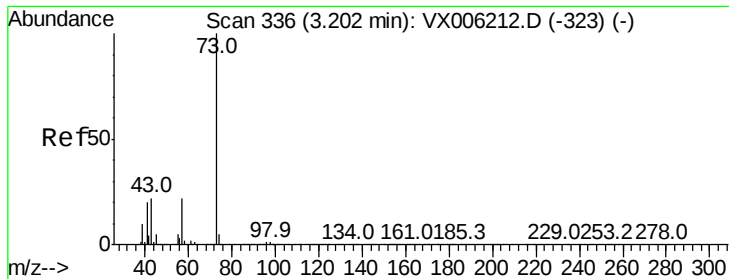
MMDadoda
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#18
Methyl Acetate
Concen: 47.996 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX006306.D
Acq: 05 Dec 2018 17:44

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.0	17.9	26.9





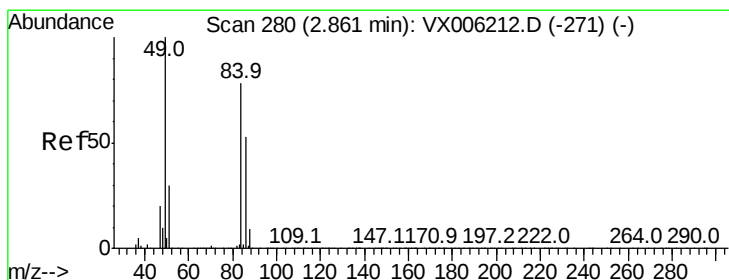
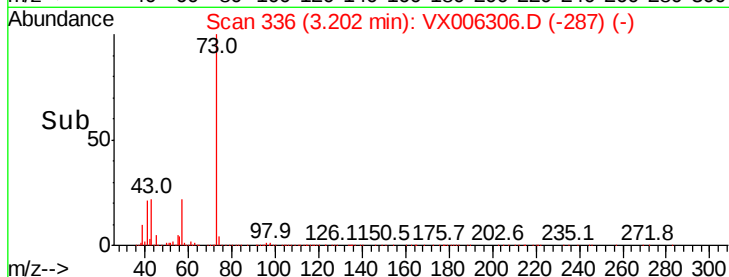
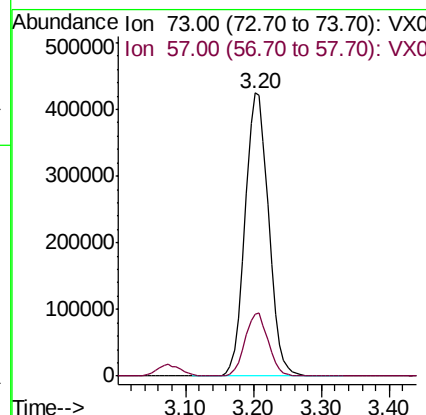
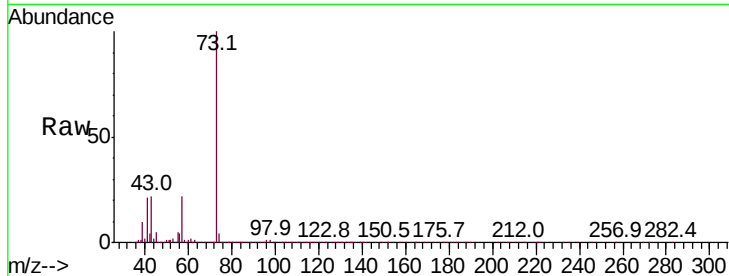
#19
Methvl tert-butvl Ether
Concen: 47.534 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX006306.D
Acq: 05 Dec 2018 17:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 1019870
Ion Ratio Lower Upper
73 100
57 21.8 17.5 26.3

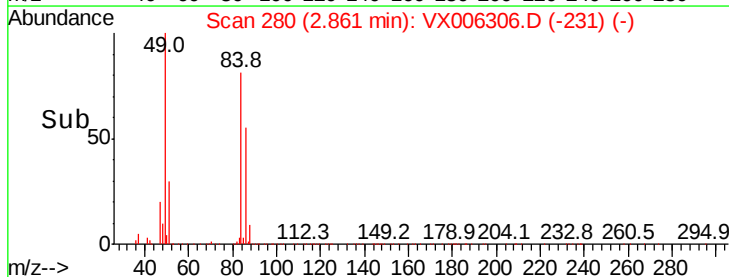
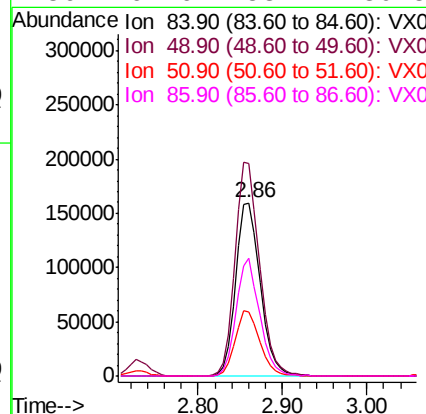
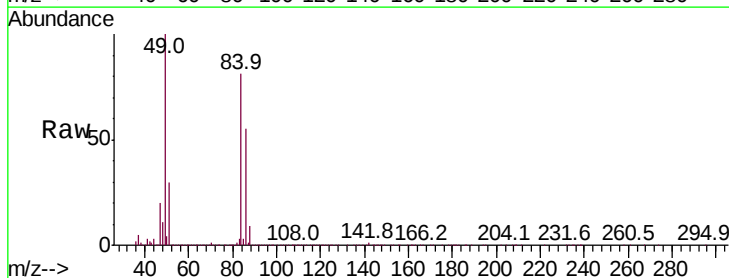
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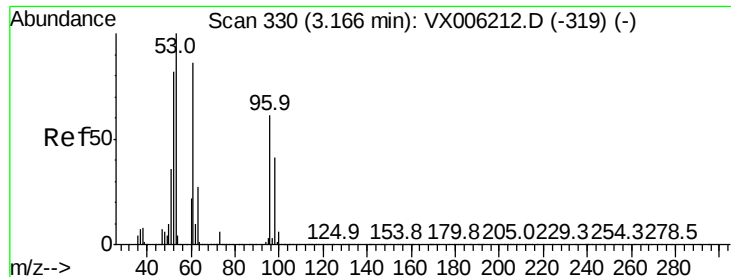
MMDadoda
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#20
Methylene Chloride
Concen: 46.500 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX006306.D
Acq: 05 Dec 2018 17:44

Tgt Ion: 84 Resp: 315125
Ion Ratio Lower Upper
84 100
49 122.8 102.2 153.4
51 36.8 31.1 46.7
86 67.6 53.7 80.5





#21

trans-1,2-Dichloroethene

Concen: 46.366 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX006306.D

Acq: 05 Dec 2018 17:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 297175

Ion Ratio Lower Upper

96 100

61 138.3 113.3 169.9

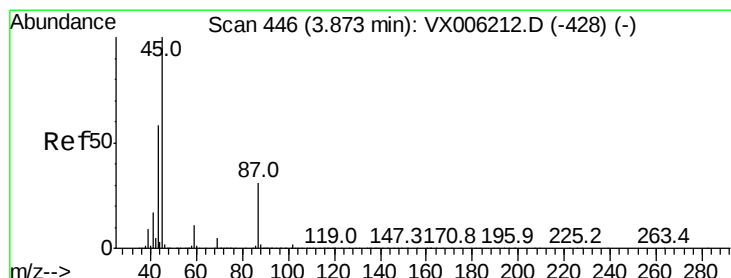
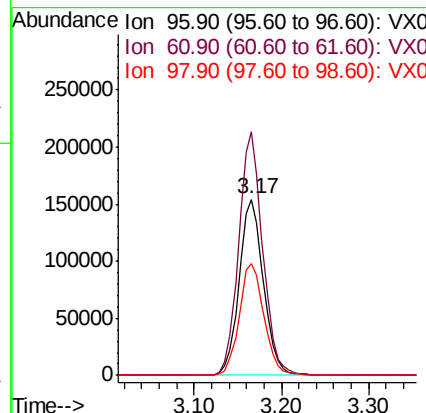
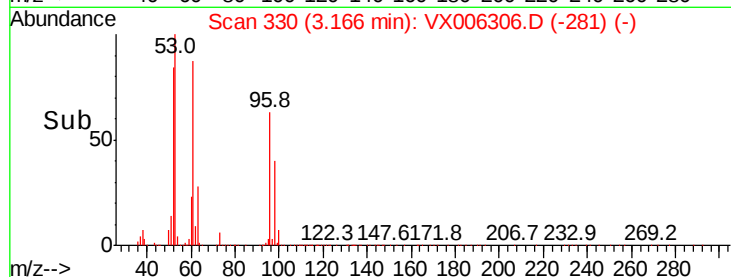
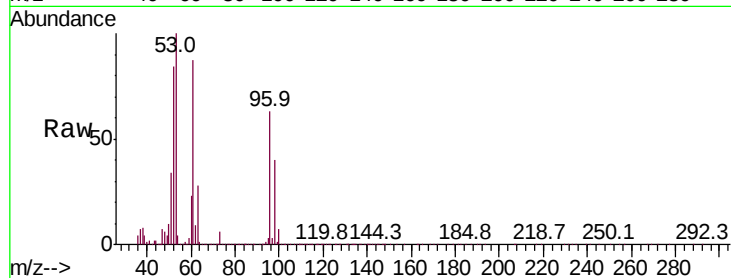
98 63.7 53.2 79.8

Manual Integrations

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#22

Diisopropyl ether

Concen: 49.279 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

Lab File: VX006306.D

Acq: 05 Dec 2018 17:44

Tgt Ion: 45 Resp: 914492

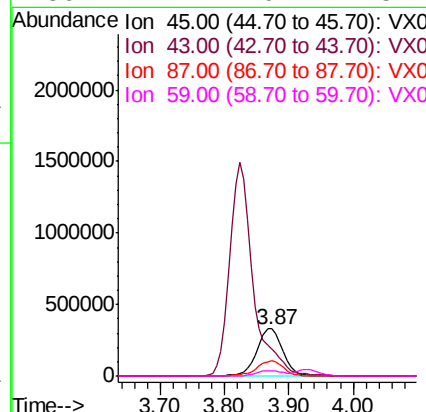
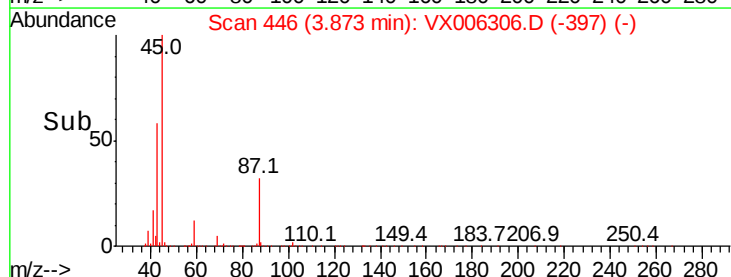
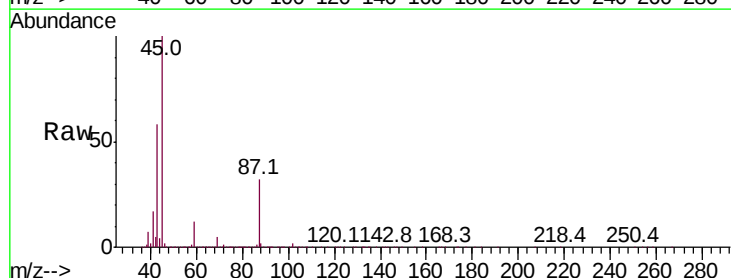
Ion Ratio Lower Upper

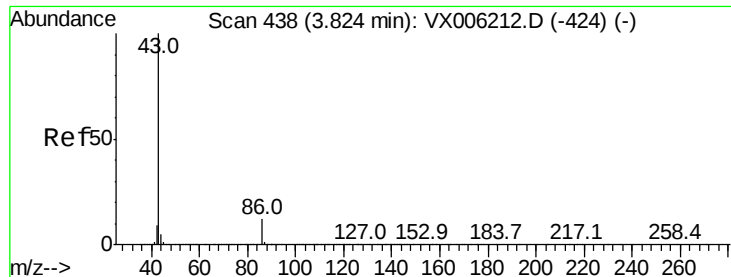
45 100

43 57.6 46.2 69.2

87 32.1 24.9 37.3

59 12.2 9.1 13.7





#23

Vinyl Acetate

Concen: 243.984 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX006306.D

Acq: 05 Dec 2018 17:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 3861760

Ion Ratio Lower Upper

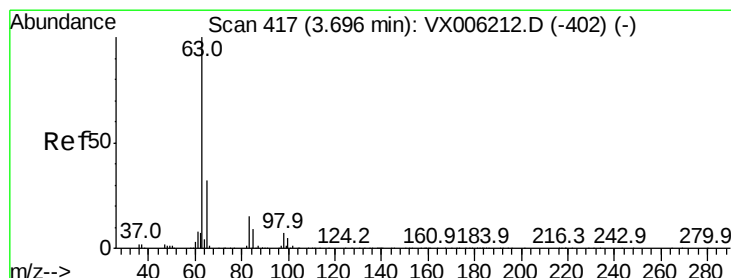
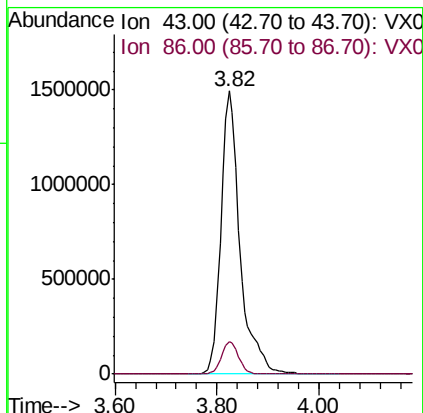
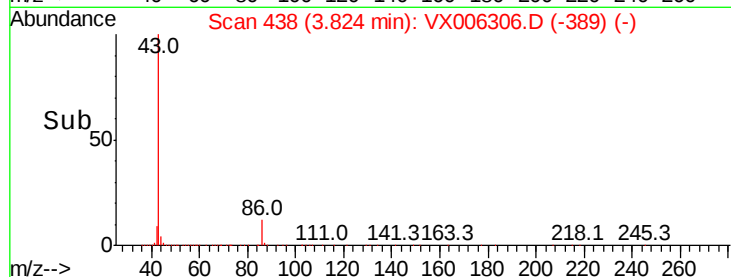
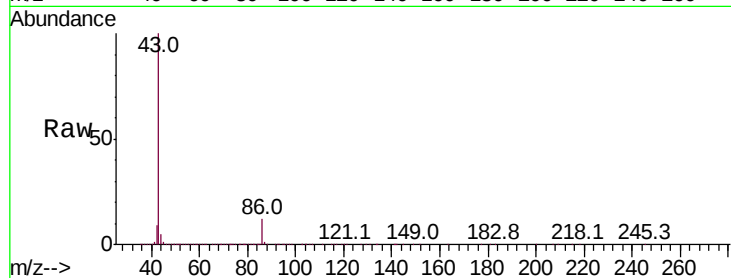
43 100

86 11.7 9.4 14.0

Manual Integrations
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#24

1,1-Dichloroethane

Concen: 48.785 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX006306.D

Acq: 05 Dec 2018 17:44

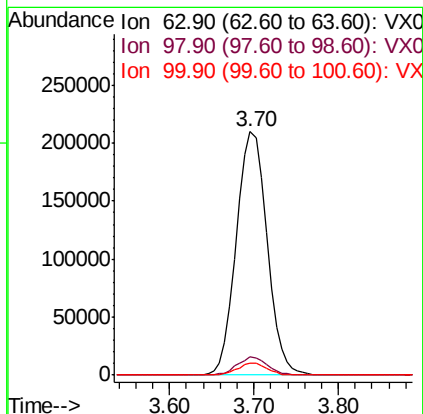
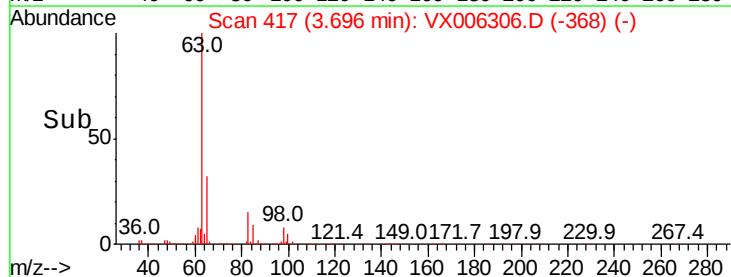
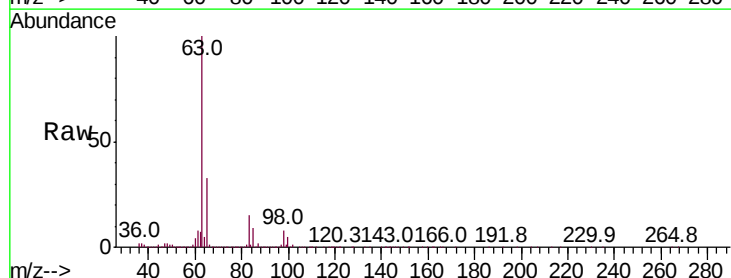
Tgt Ion: 63 Resp: 517462

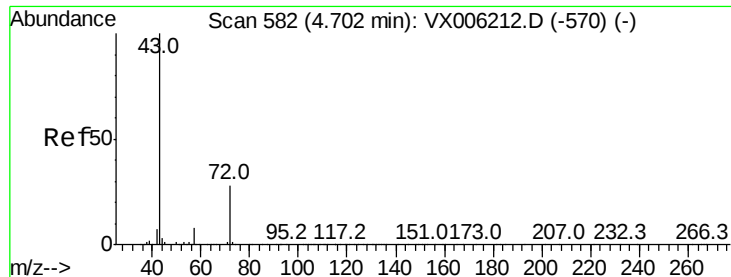
Ion Ratio Lower Upper

63 100

98 7.6 3.8 11.4

100 5.1 2.5 7.4





#25

2-Butanone

Concen: 242.599 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX006306.D

Acq: 05 Dec 2018 17:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1102256

Ion Ratio Lower Upper

43 100

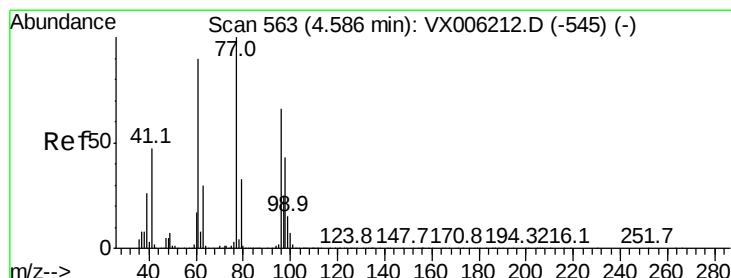
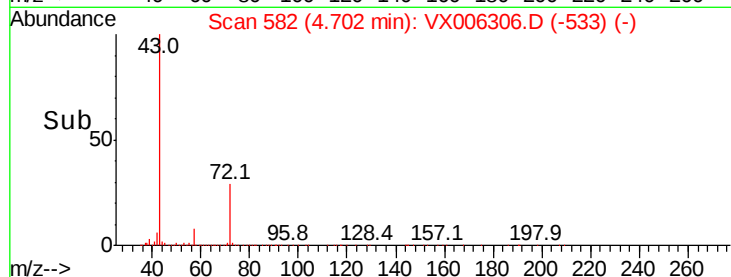
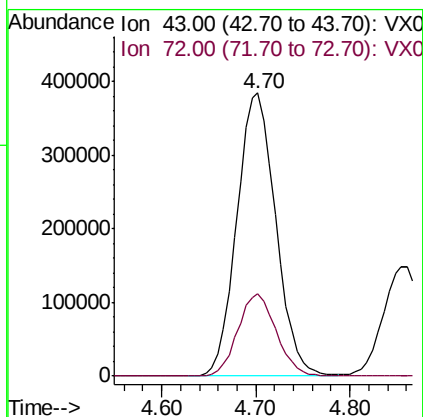
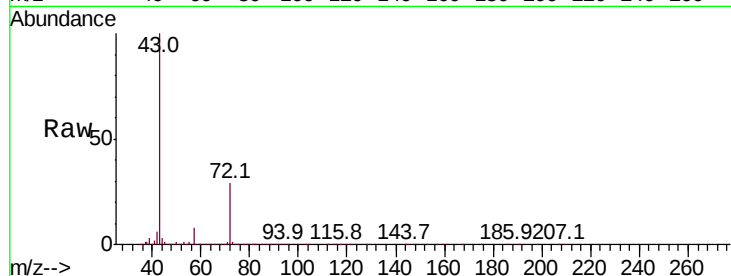
72 29.1 22.6 33.8

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#26

2,2-Dichloropropane

Concen: 48.751 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX006306.D

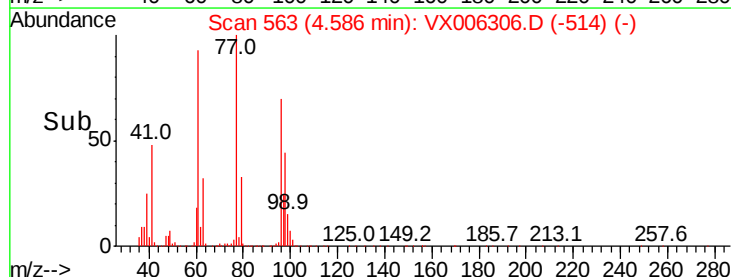
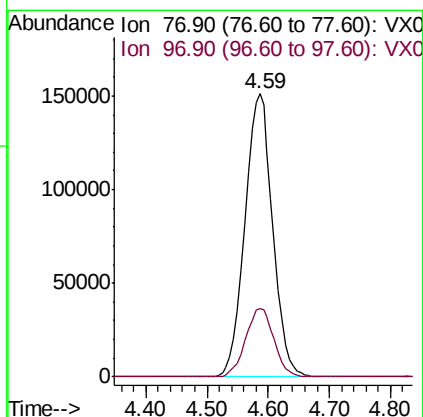
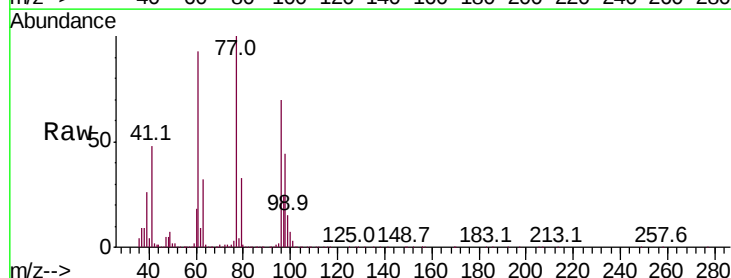
Acq: 05 Dec 2018 17:44

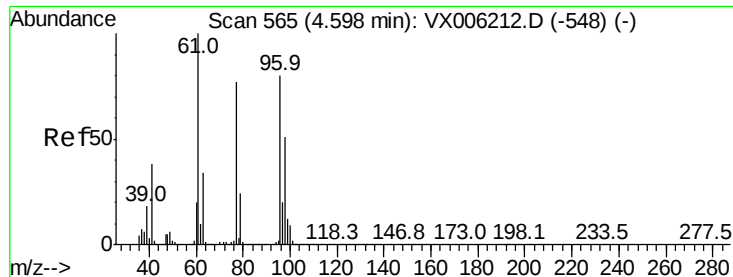
Tgt Ion: 77 Resp: 477225

Ion Ratio Lower Upper

77 100

97 24.8 12.3 36.8





#27

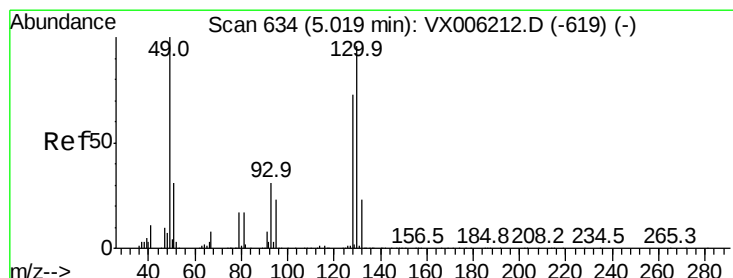
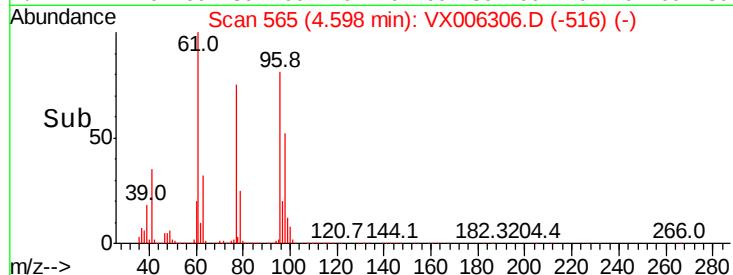
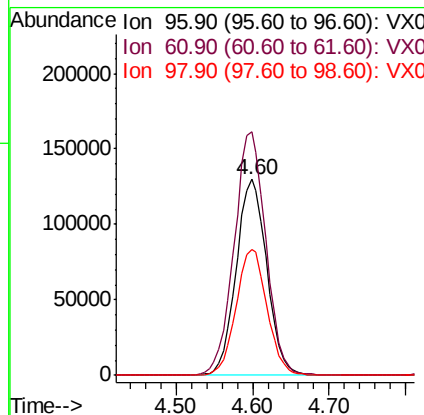
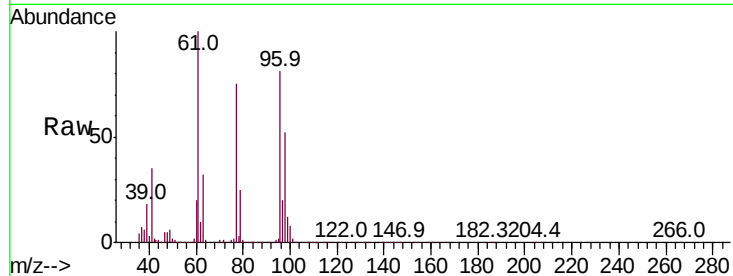
cis-1,2-Dichloroethene
Concen: 50.232 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX006306.D
Acq: 05 Dec 2018 17:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	359123		
61	128.9	0.0	265.0	
98	65.1	0.0	130.2	

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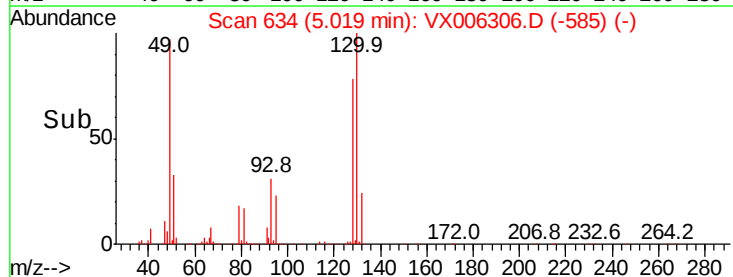
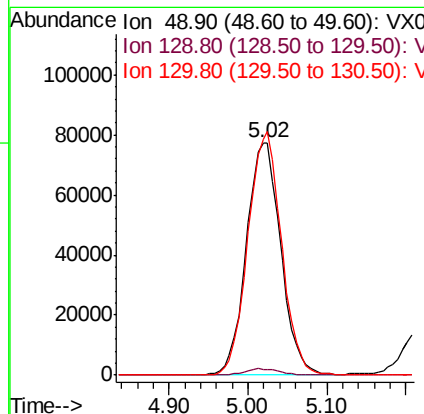
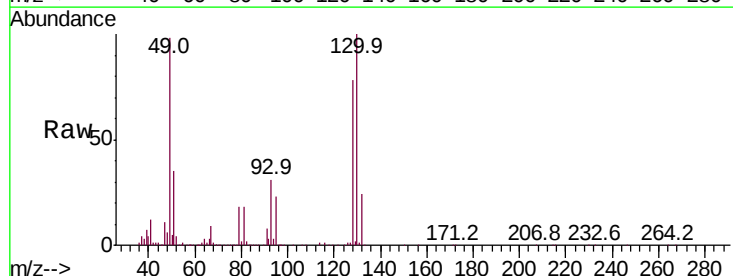
MMDadoda
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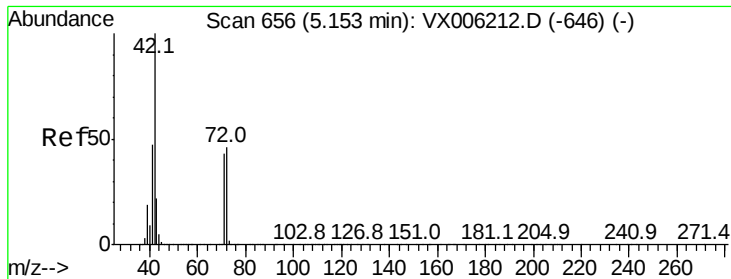


#28

Bromochloromethane
Concen: 50.697 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX006306.D
Acq: 05 Dec 2018 17:44

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	234880		
129	2.8	0.0	5.0	
130	102.0	78.3	117.5	





#29

Tetrahydrofuran

Concen: 233.929 ug/l

RT: 5.15 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX006306.D

Acq: 05 Dec 2018 17:44

Instrument :

MSVOA_X

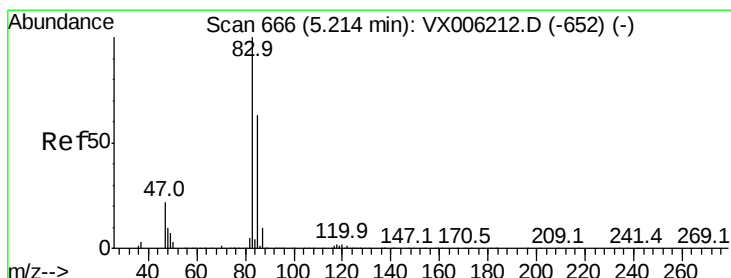
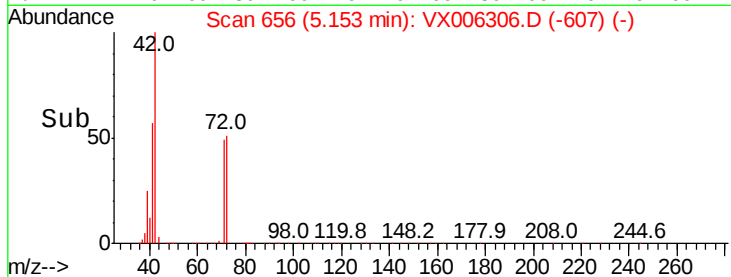
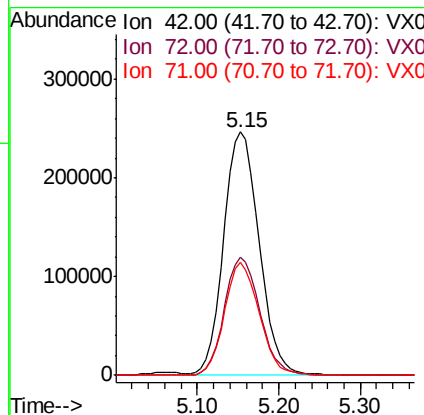
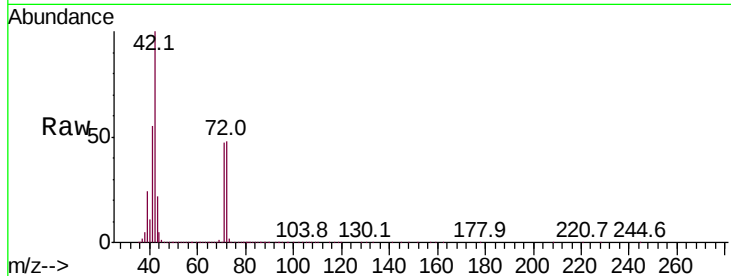
ClientSampleId :

VSTDCCC050EC

Tot Ion:	42	Resp:	738688
Ion Ratio		Lower	Upper
42	100		
72	49.0	37.8	56.8
71	45.4	35.2	52.8

Manual Integrations
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#30

Chloroform

Concen: 49.948 ug/l

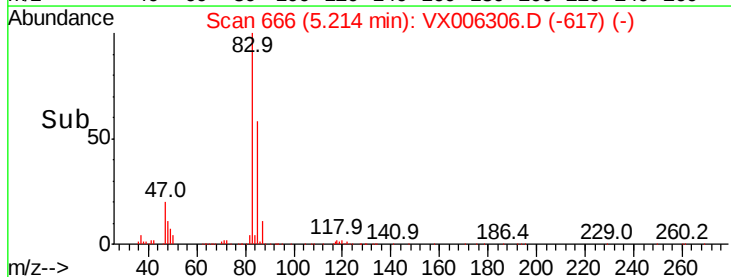
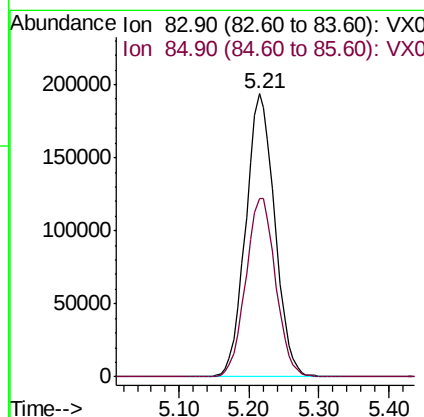
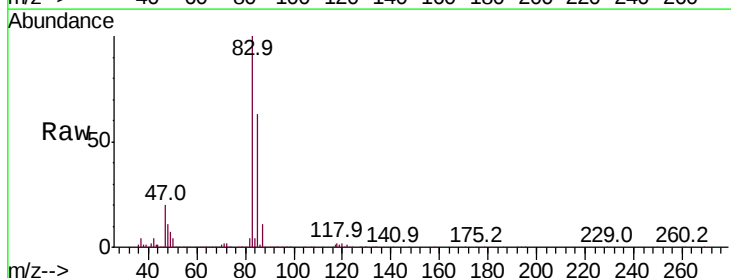
RT: 5.21 min Scan# 666

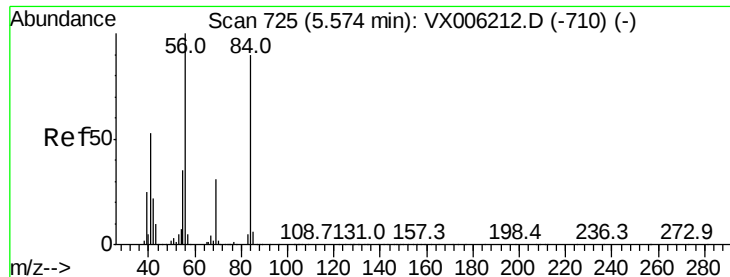
Delta R.T. 0.00 min

Lab File: VX006306.D

Acq: 05 Dec 2018 17:44

Tgt Ion:	83	Resp:	556754
Ion Ratio		Lower	Upper
83	100		
85	62.8	50.3	75.5





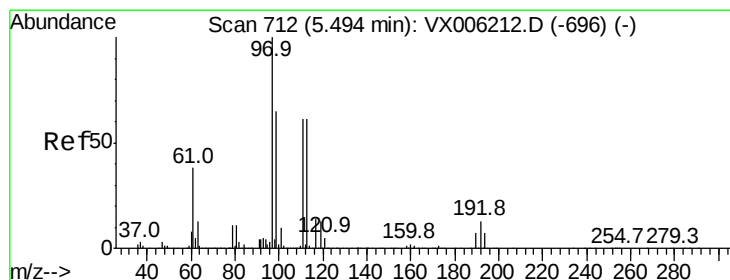
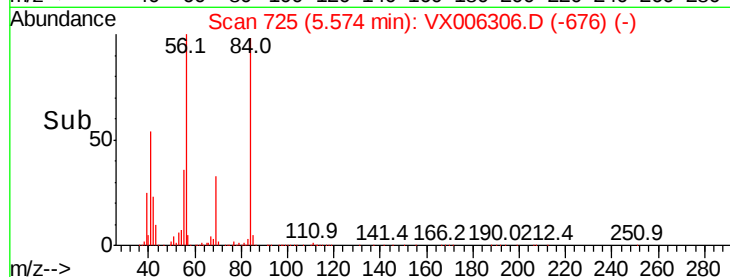
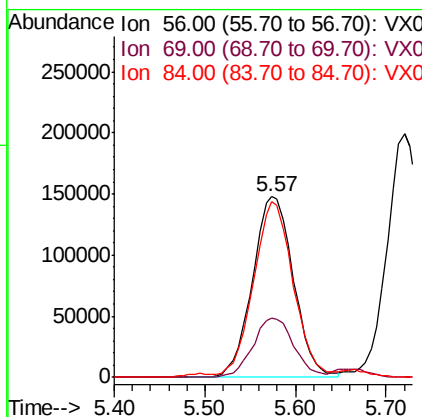
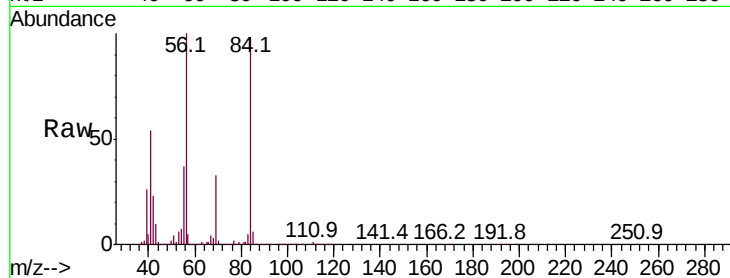
#31
Cyclohexane
Concen: 46.943 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX006306.D
Acq: 05 Dec 2018 17:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.7	24.5	36.7
84	96.2	71.8	107.6

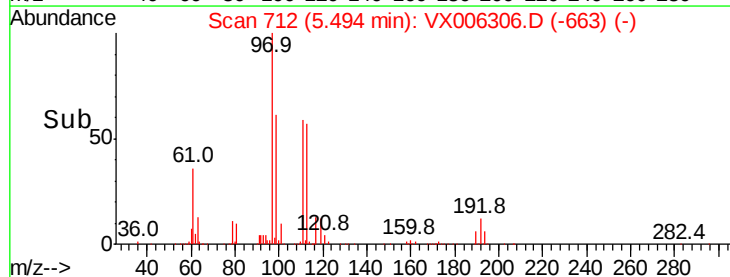
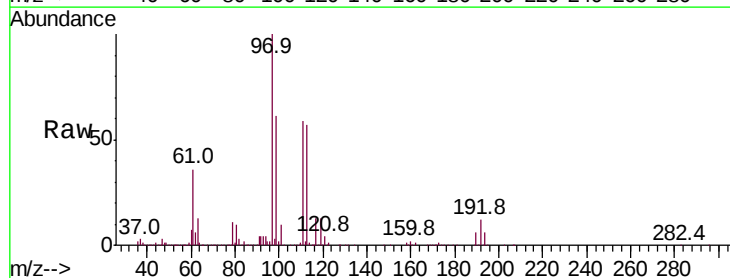
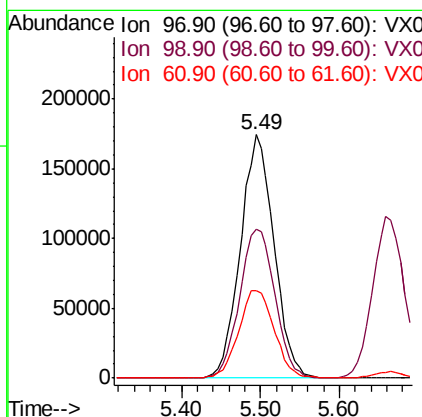
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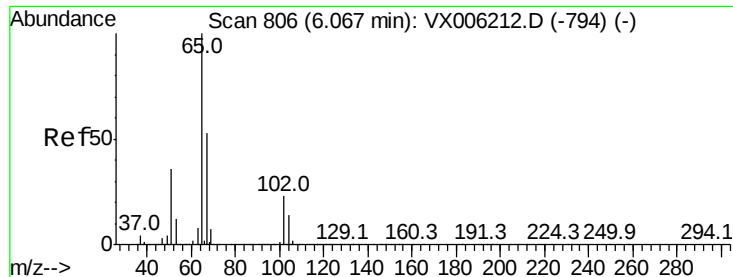
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 48.661 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX006306.D
Acq: 05 Dec 2018 17:44

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.6	77.4
61	38.2	30.6	46.0





#33

1,2-Dichloroethane-d4

Concen: 47.987 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006306.D

Acq: 05 Dec 2018 17:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 325603

Ion Ratio Lower Upper

65 100

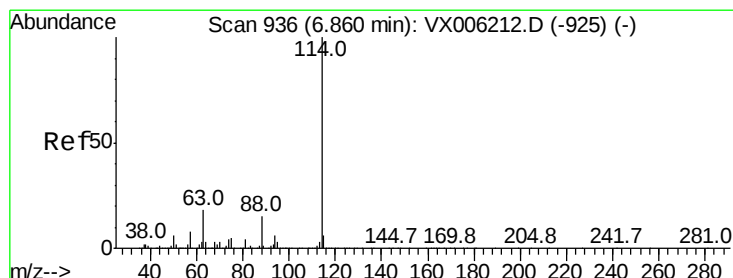
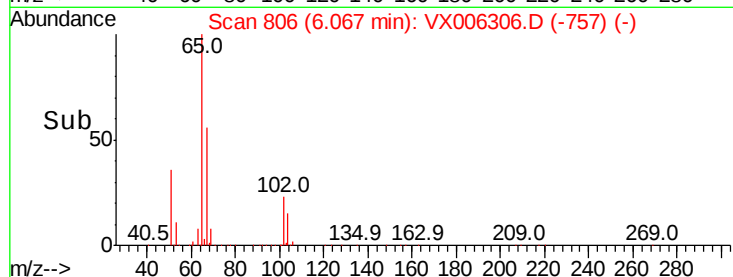
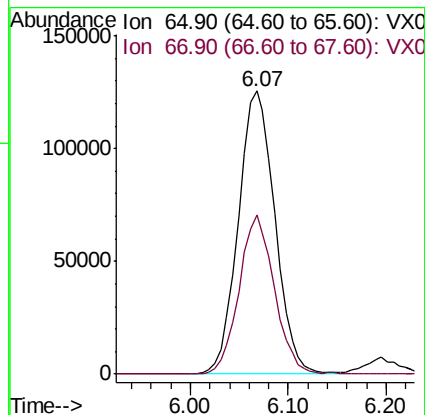
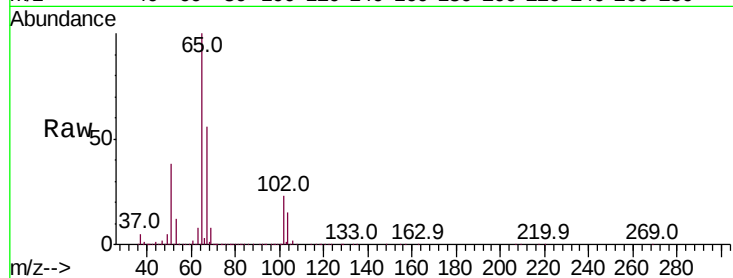
67 53.9 0.0 107.2

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006306.D

Acq: 05 Dec 2018 17:44

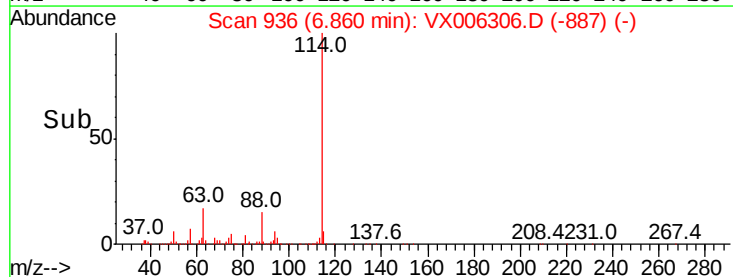
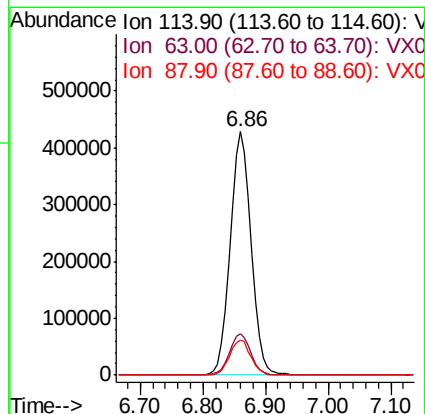
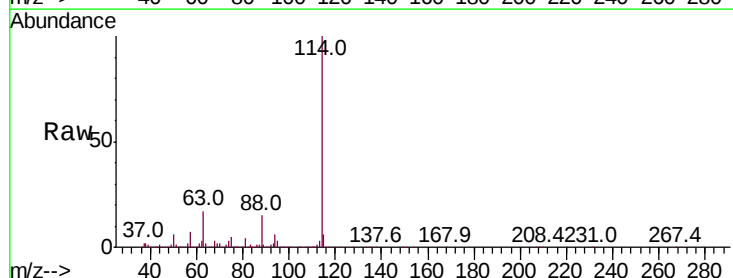
Tgt Ion: 114 Resp: 986616

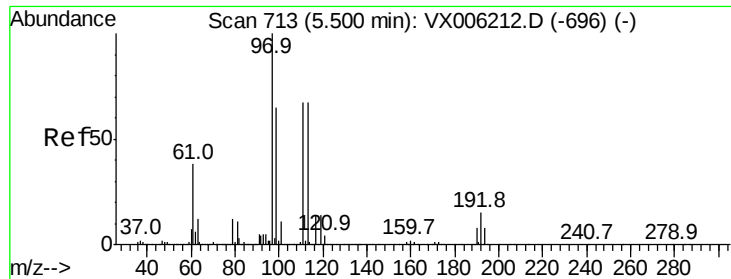
Ion Ratio Lower Upper

114 100

63 17.2 0.0 36.6

88 14.6 0.0 29.0





#35

Dibromofluoromethane

Concen: 49.856 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006306.D

Acq: 05 Dec 2018 17:44

Instrument :

MSVOA_X

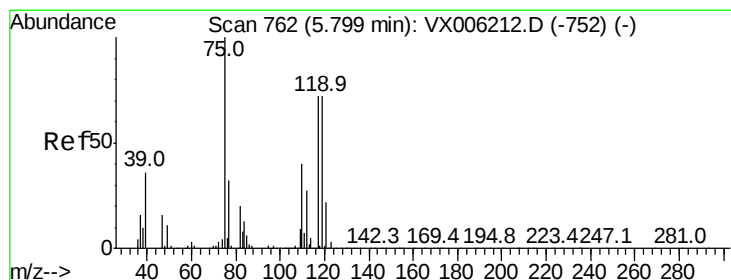
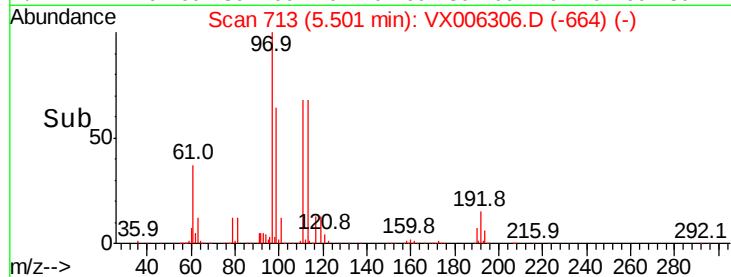
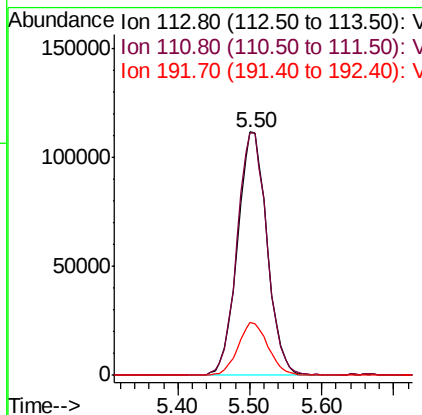
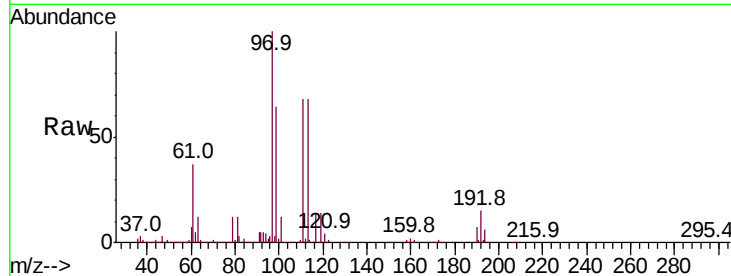
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	318479
Ion Ratio	Lower	Upper	
113	100		
111	101.0	81.1	121.7
192	22.0	18.2	27.2

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#36

1,1-Dichloropropene

Concen: 47.329 ug/l

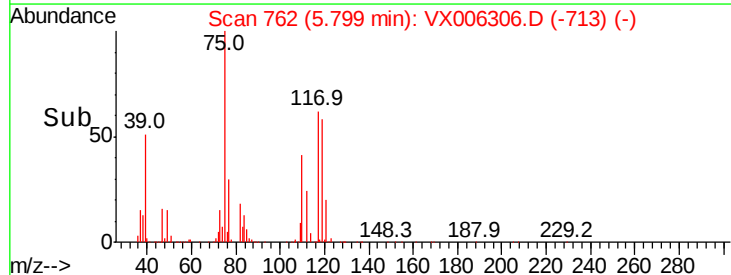
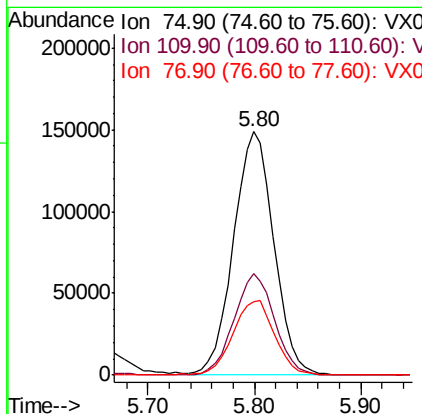
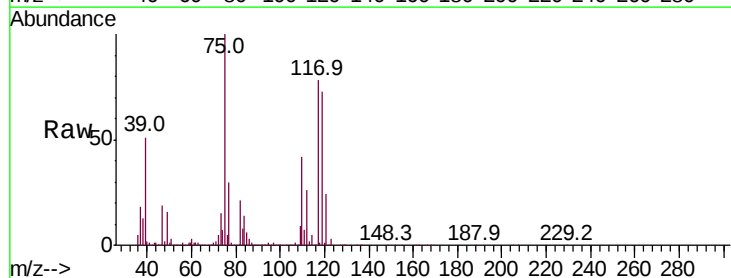
RT: 5.80 min Scan# 762

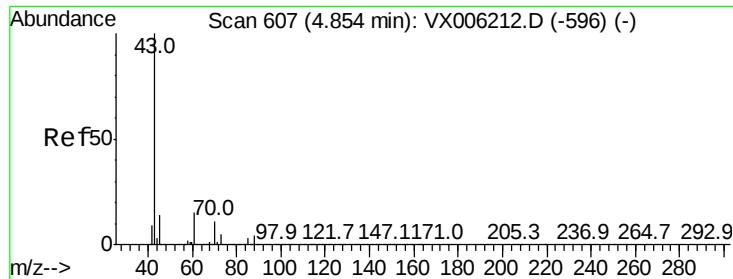
Delta R.T. 0.00 min

Lab File: VX006306.D

Acq: 05 Dec 2018 17:44

Tgt Ion:	75	Resp:	393223
Ion Ratio	Lower	Upper	
75	100		
110	42.2	20.4	61.3
77	32.3	24.9	37.3





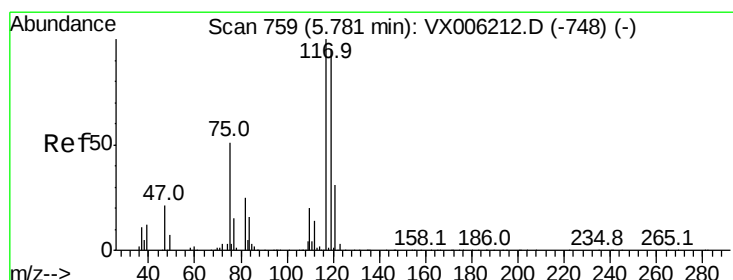
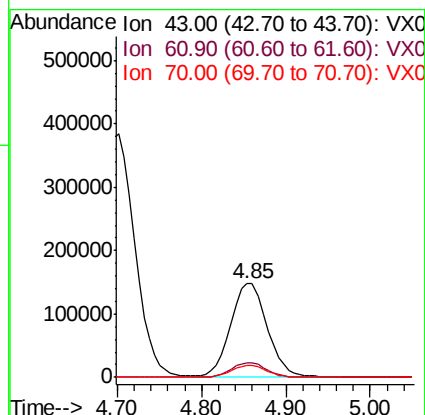
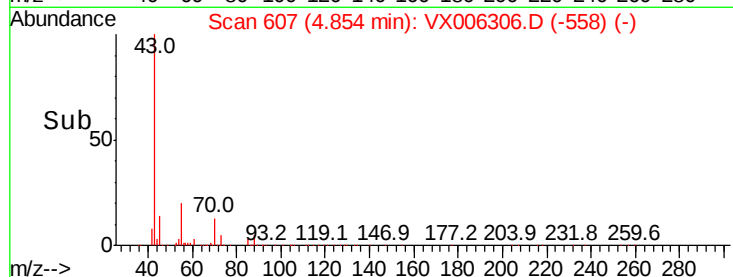
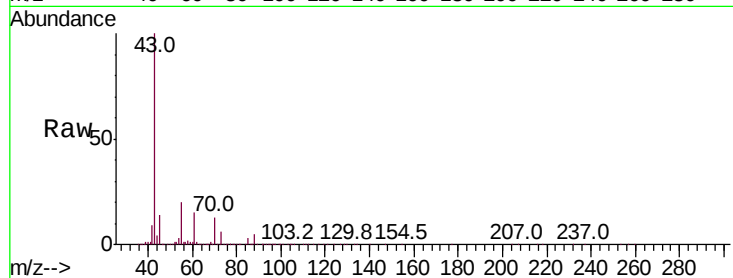
#37
Ethyl Acetate
Concen: 46.737 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX006306.D
Acq: 05 Dec 2018 17:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.6	11.5	17.3
70	12.6	9.0	13.6

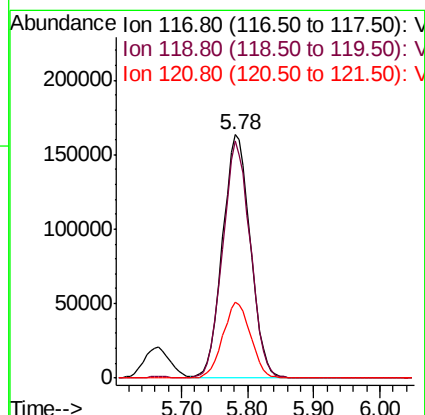
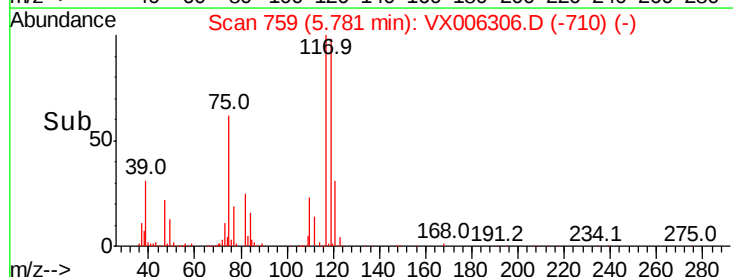
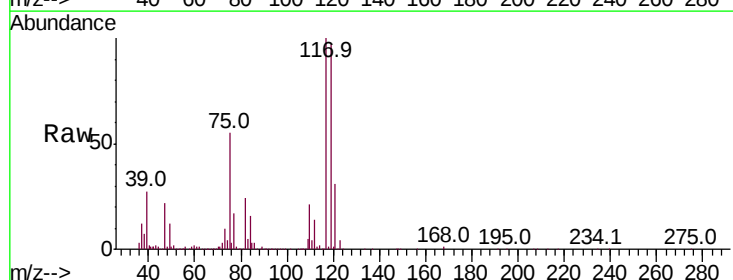
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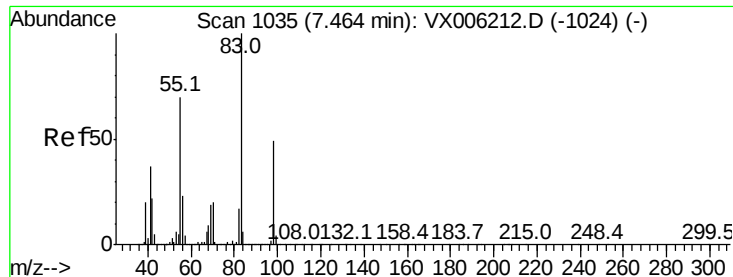
MMDadoda
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#38
Carbon Tetrachloride
Concen: 48.624 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX006306.D
Acq: 05 Dec 2018 17:44

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.4	75.8	113.8
121	31.1	24.6	37.0





#39

Methvlcvclohexane

Concen: 47.401 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. 0.00 min

Lab File: VX006306.D

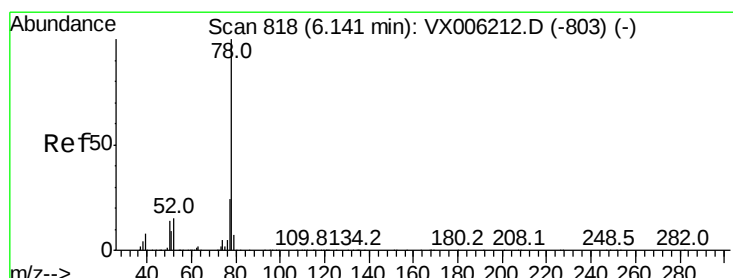
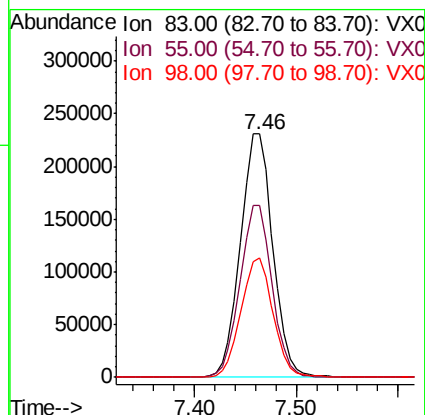
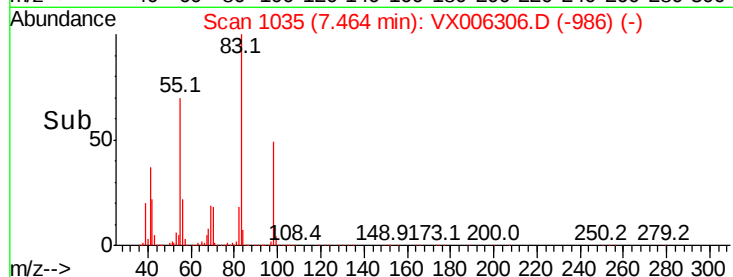
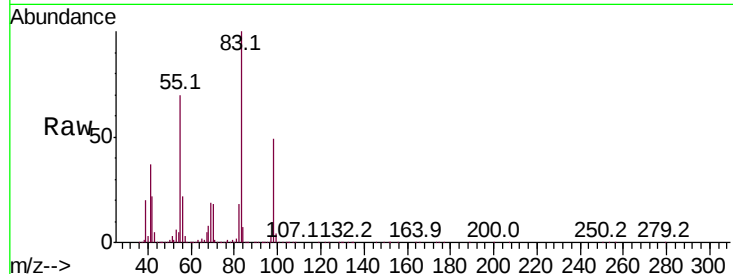
Acq: 05 Dec 2018 17:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	70.3	56.4	84.6
98	49.0	39.0	58.6

Manual Integrations
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#40

Benzene

Concen: 48.977 ug/l

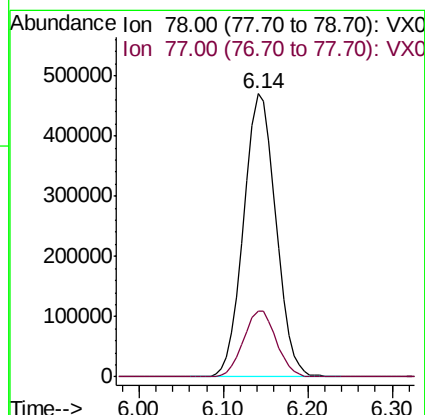
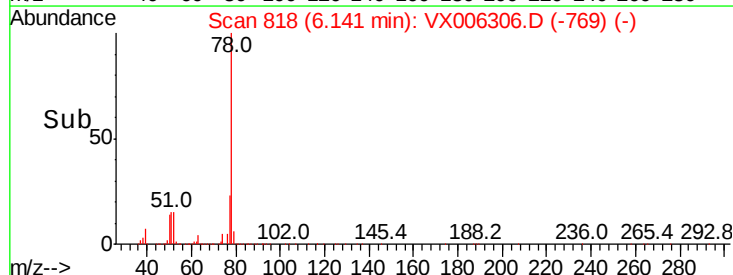
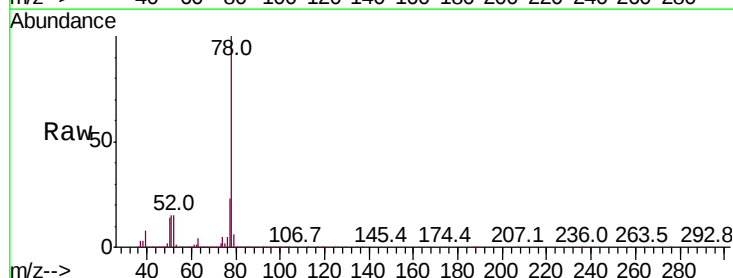
RT: 6.14 min Scan# 818

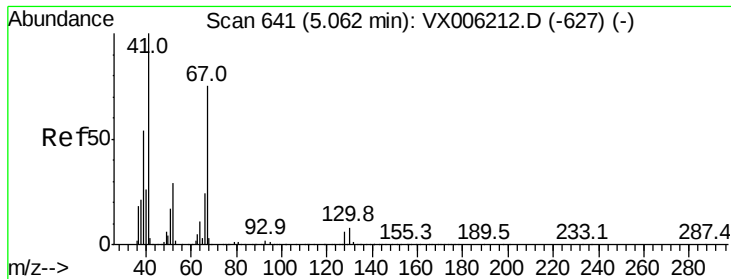
Delta R.T. 0.00 min

Lab File: VX006306.D

Acq: 05 Dec 2018 17:44

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.2	28.8





#41

Methacrylonitrile

Concen: 46.698 ug/l

RT: 5.06 min Scan# 641

Delta R.T. 0.00 min

Lab File: VX006306.D

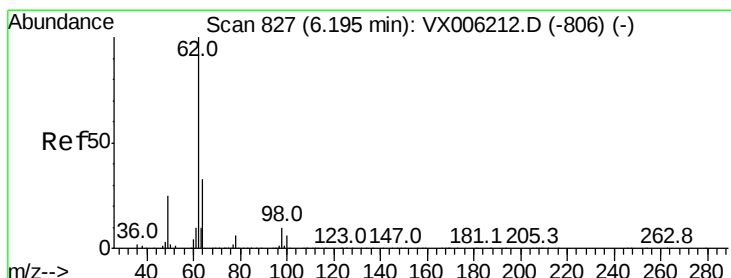
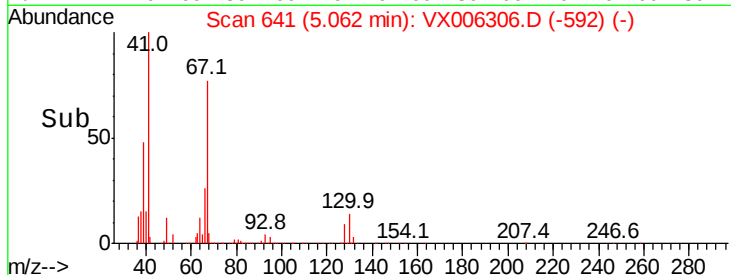
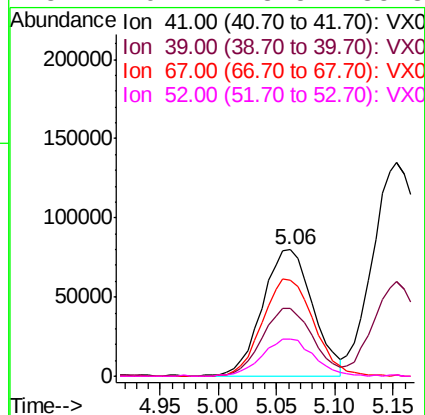
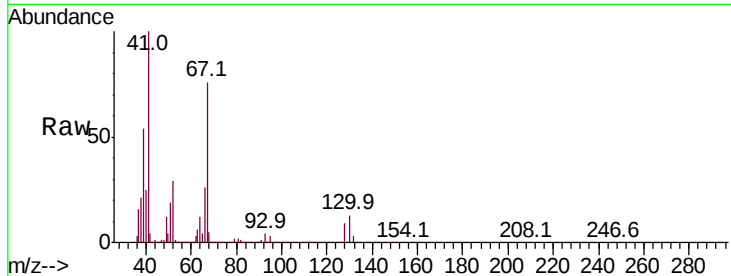
Acq: 05 Dec 2018 17:44

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		239080		
39	54.0	44.0	66.0		
67	78.7	61.4	92.0		
52	29.4	23.5	35.3		

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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MMDadoda
12/7/2018 10:42:13 AM



#42

1,2-Dichloroethane

Concen: 49.746 ug/l

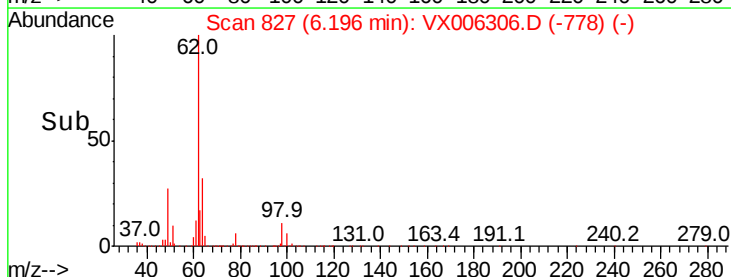
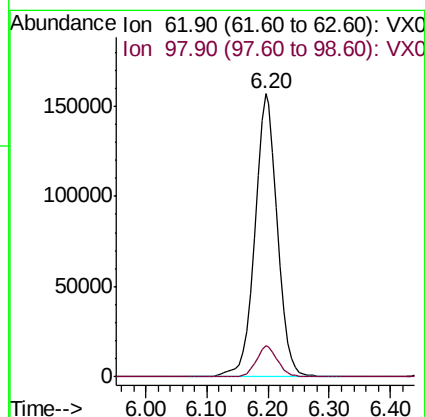
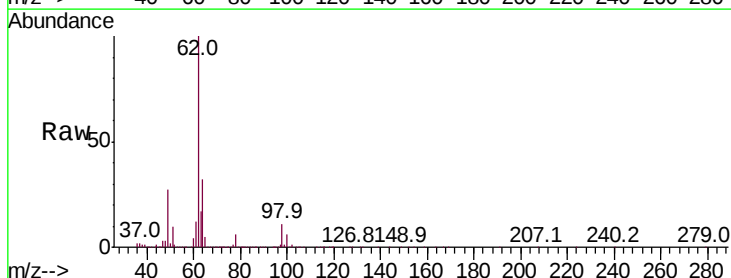
RT: 6.20 min Scan# 827

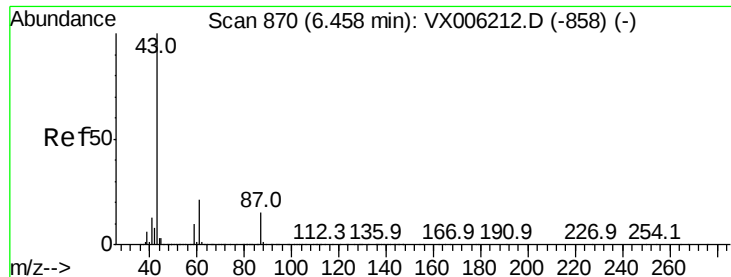
Delta R.T. 0.00 min

Lab File: VX006306.D

Acq: 05 Dec 2018 17:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		405135		
98	10.5	0.0	20.2		





#43

Isopropyl Acetate

Concen: 46.121 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

Lab File: VX006306.D

Acq: 05 Dec 2018 17:44

Instrument :

MSVOA_X

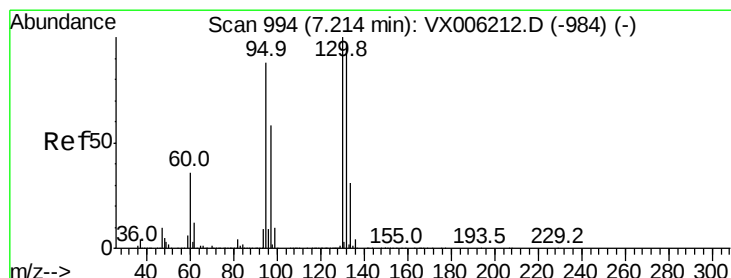
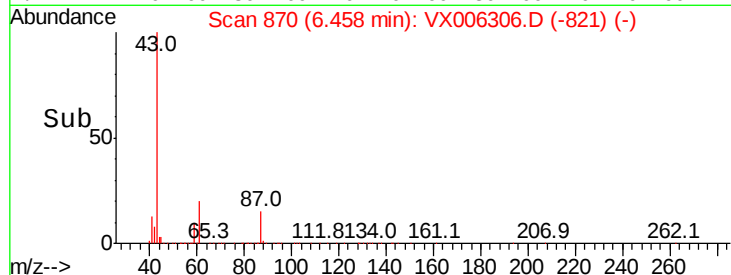
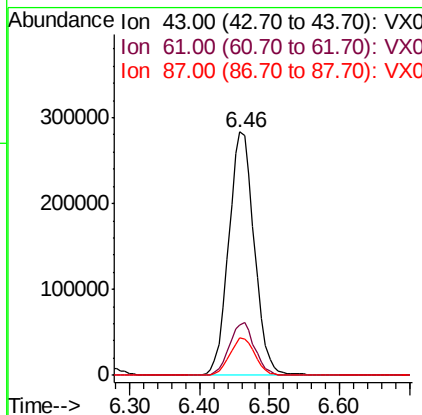
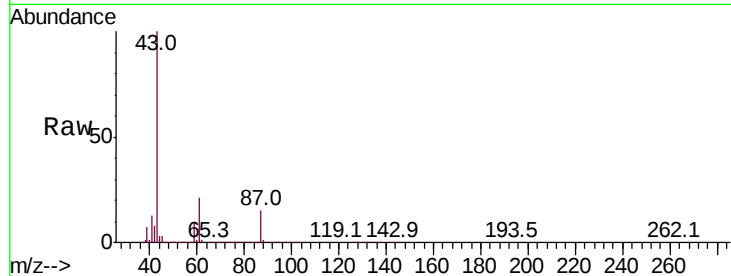
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	715466
Ion	Ratio	Lower	Upper
43	100		
61	21.3	16.8	25.2
87	15.3	11.9	17.9

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#44

Trichloroethene

Concen: 48.668 ug/l

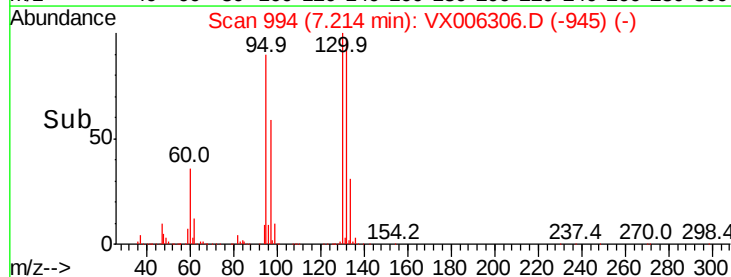
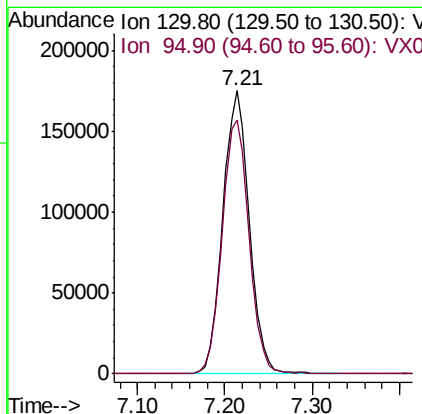
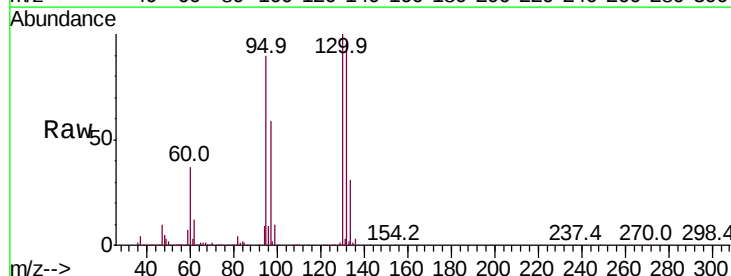
RT: 7.21 min Scan# 994

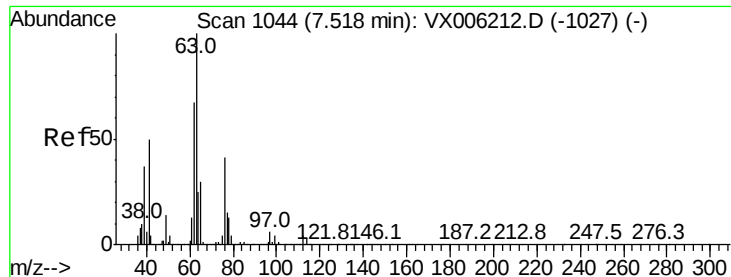
Delta R.T. 0.00 min

Lab File: VX006306.D

Acq: 05 Dec 2018 17:44

Tgt Ion:	130	Resp:	366883
Ion	Ratio	Lower	Upper
130	100		
95	89.7	0.0	175.8





#45

1,2-Dichloropropane

Concen: 48.718 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VX006306.D

Acq: 05 Dec 2018 17:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 308111

Ion Ratio Lower Upper

63 100

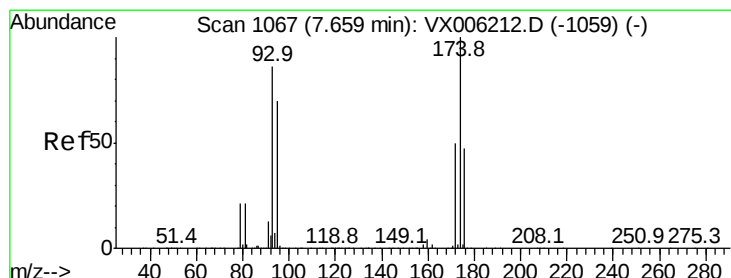
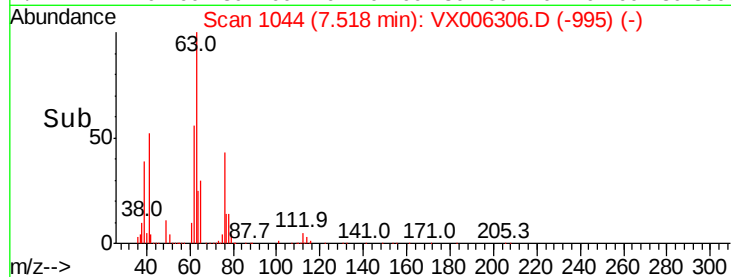
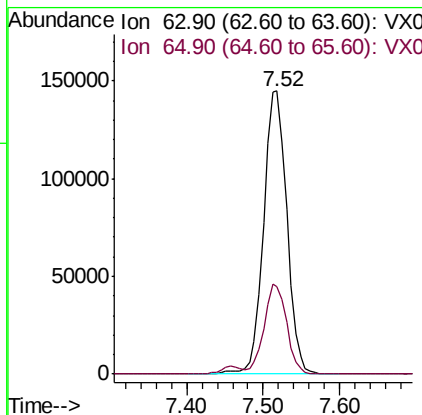
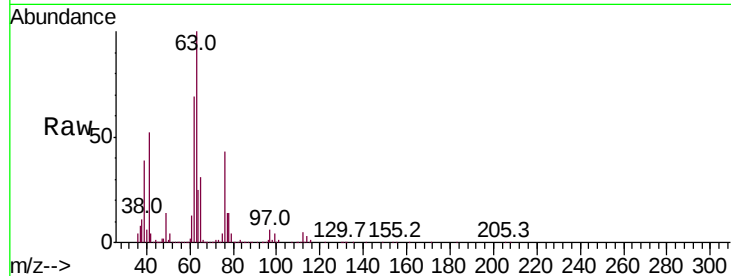
65 30.9 24.3 36.5

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#46

Dibromomethane

Concen: 48.930 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX006306.D

Acq: 05 Dec 2018 17:44

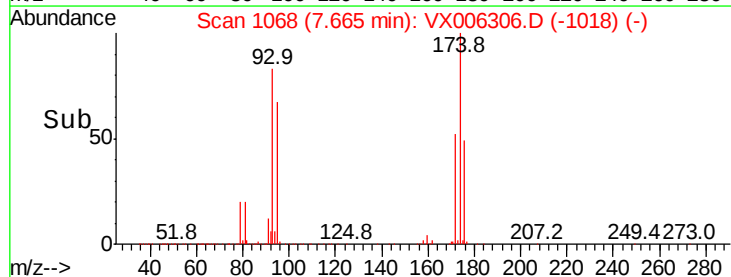
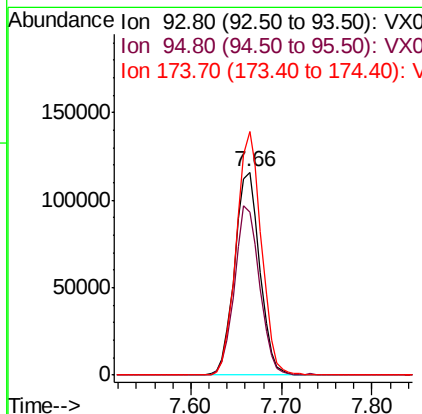
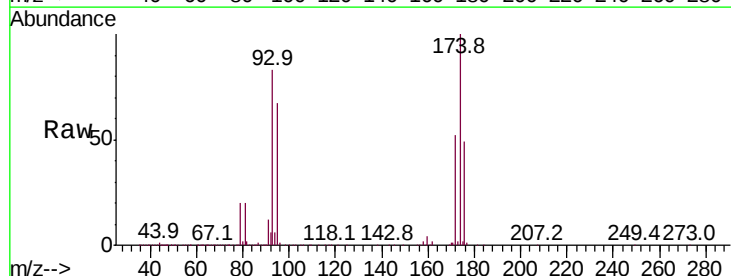
Tgt Ion: 93 Resp: 223492

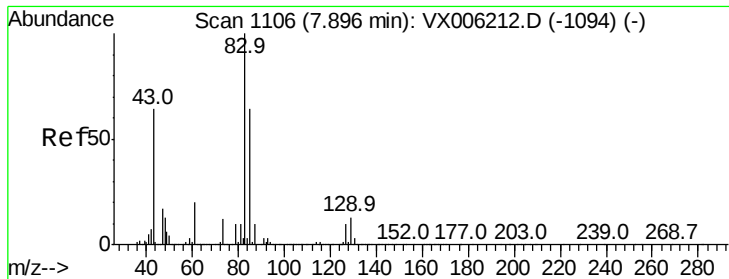
Ion Ratio Lower Upper

93 100

95 83.0 66.2 99.4

174 118.9 97.2 145.8





#47

Bromodichloromethane

Concen: 48.254 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX006306.D

Acq: 05 Dec 2018 17:44

Instrument :

MSVOA_X

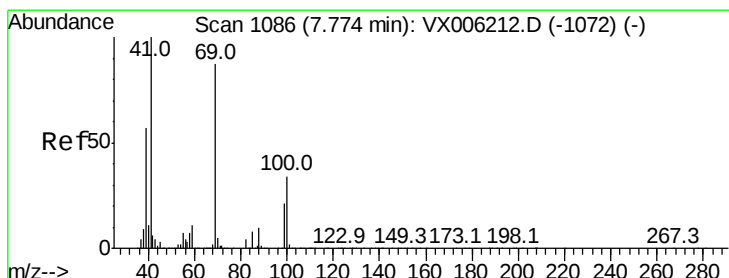
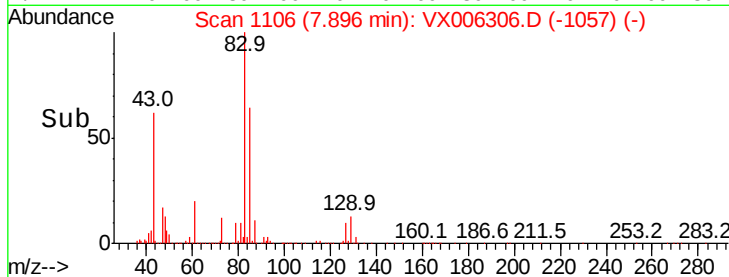
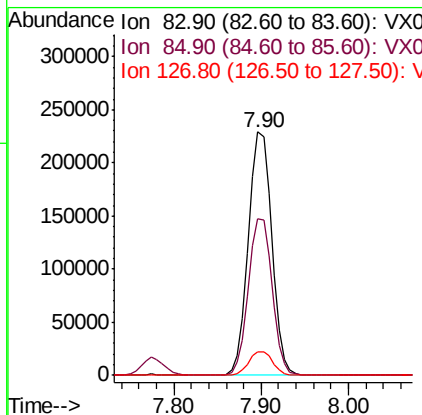
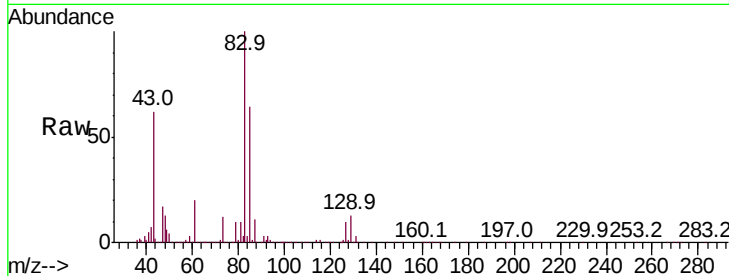
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	426821
Ion Ratio	Lower	Upper	
83	100		
85	64.2	51.4	77.0
127	9.8	7.9	11.9

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#48

Methyl methacrylate

Concen: 46.498 ug/l

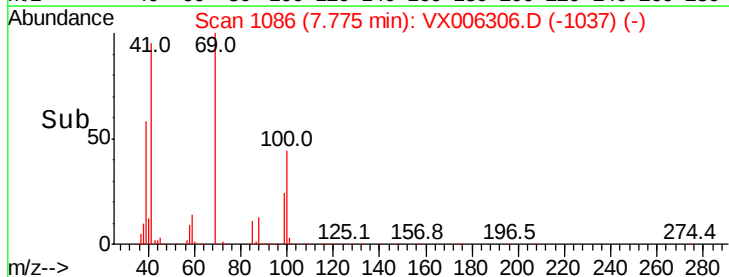
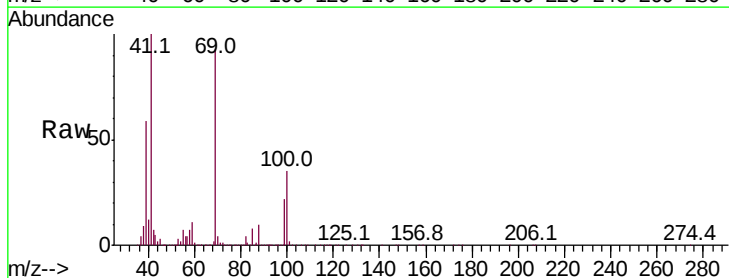
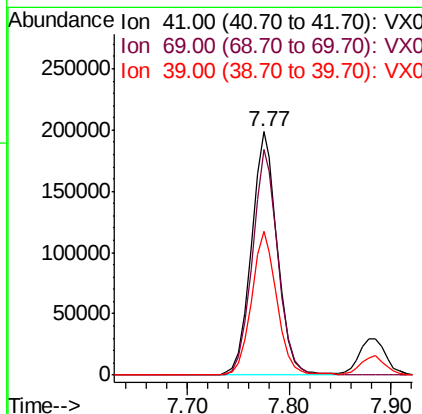
RT: 7.77 min Scan# 1086

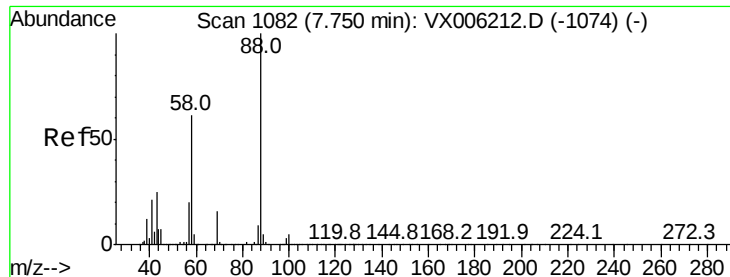
Delta R.T. 0.00 min

Lab File: VX006306.D

Acq: 05 Dec 2018 17:44

Tgt Ion:	41	Resp:	350915
Ion Ratio	Lower	Upper	
41	100		
69	91.9	70.3	105.5
39	57.5	45.3	67.9





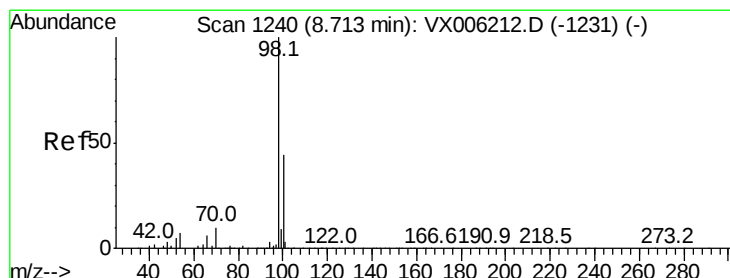
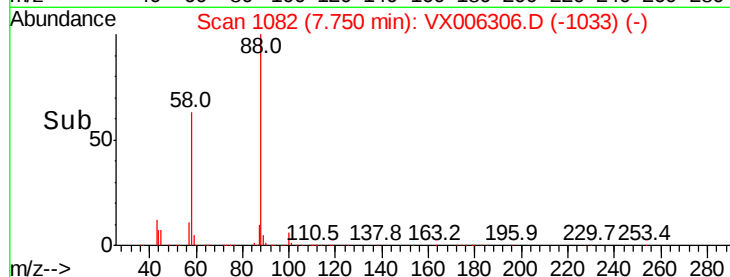
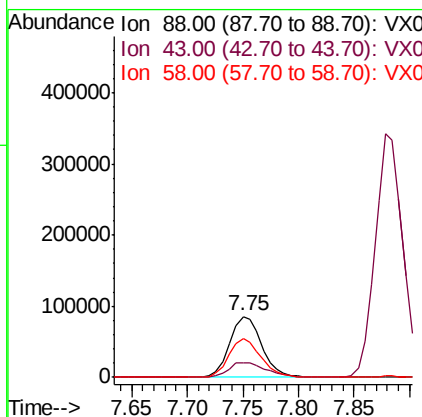
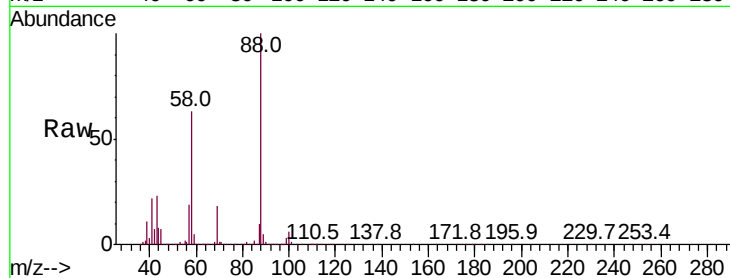
#49
1,4-Dioxane
Concen: 914.483 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX006306.D
Acq: 05 Dec 2018 17:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	28.6	23.2	34.8
58	63.7	51.4	77.0

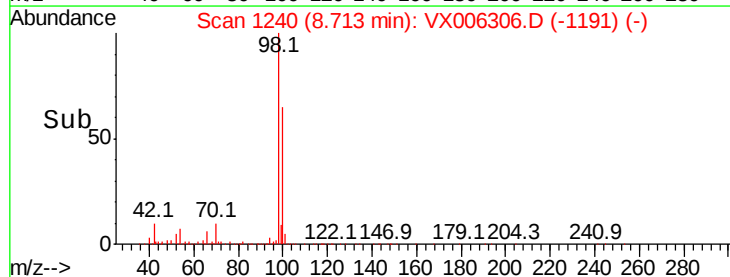
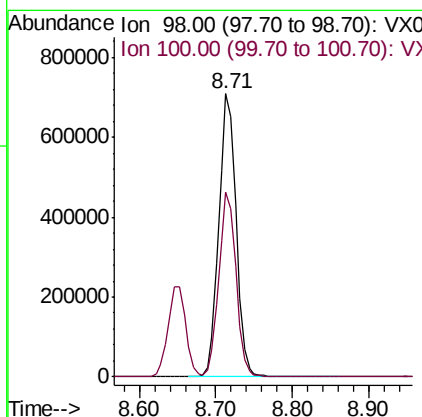
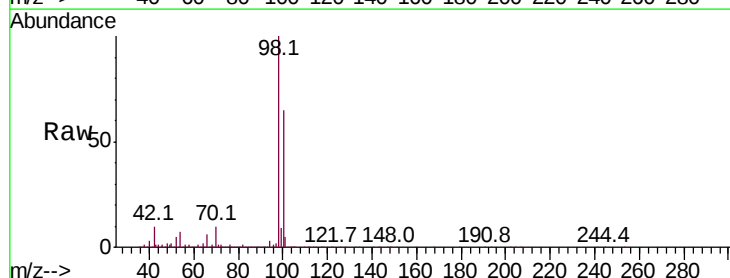
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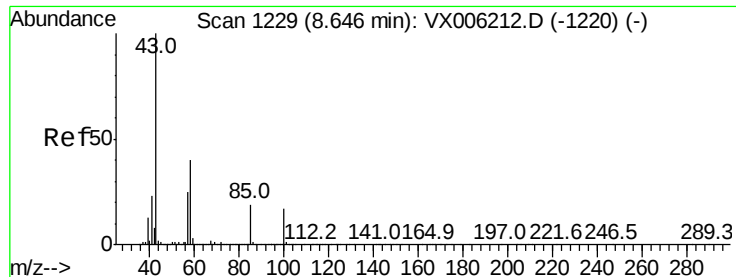
MMDadoda
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#50
Toluene-d8
Concen: 47.739 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006306.D
Acq: 05 Dec 2018 17:44

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.8	52.2	78.2





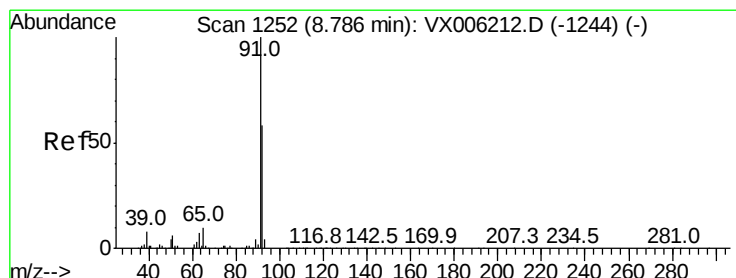
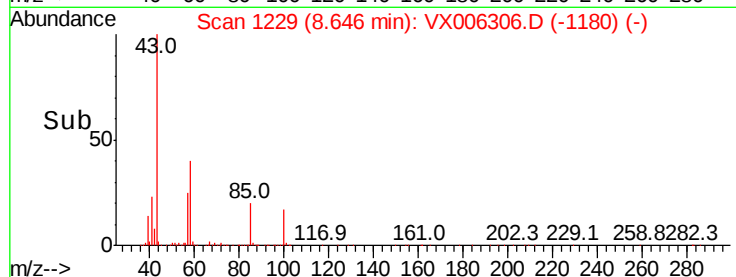
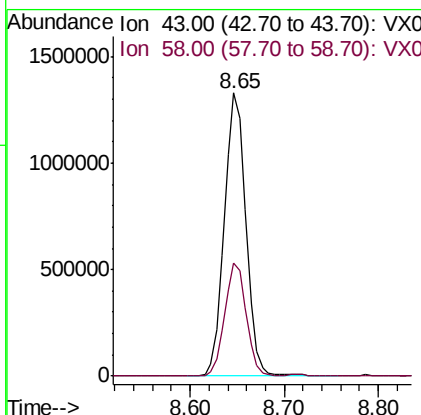
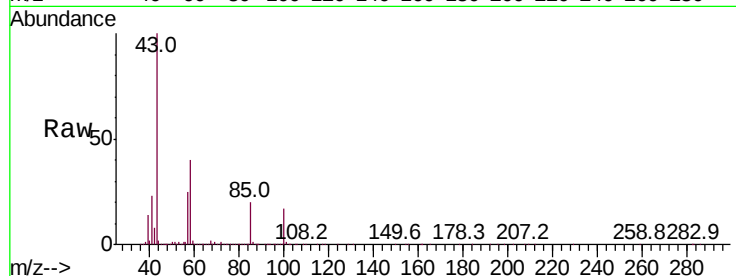
#51
4-Methyl-2-Pentanone
Concen: 233.645 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. 0.00 min
Lab File: VX006306.D
Acq: 05 Dec 2018 17:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 2109978
Ion Ratio Lower Upper
43 100
58 39.7 31.3 46.9

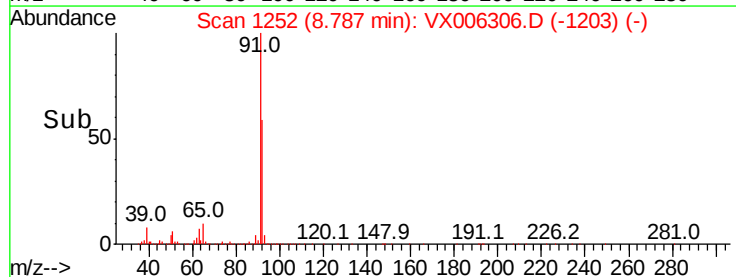
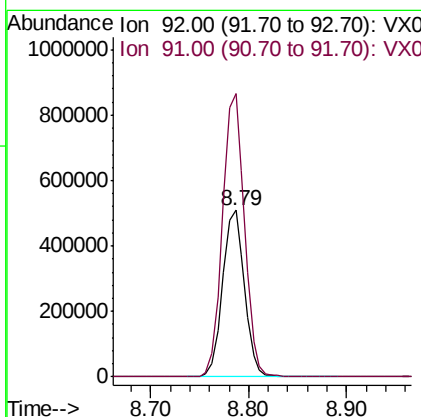
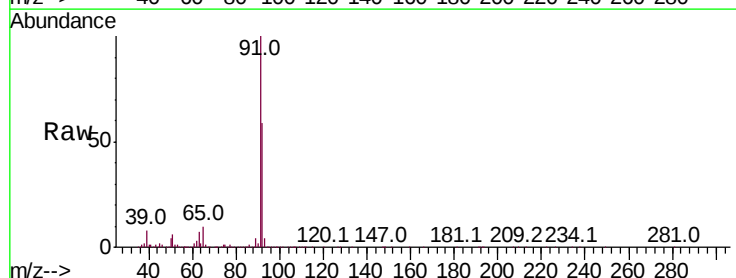
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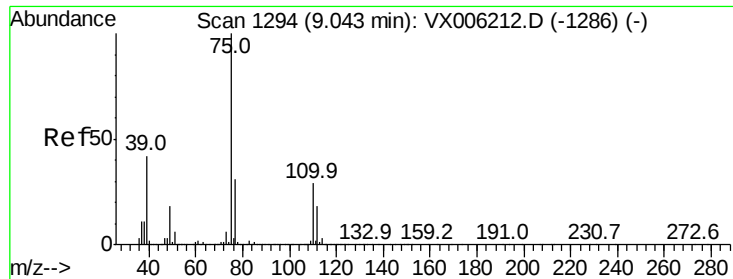
MMDadoda
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#52
Toluene
Concen: 48.283 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX006306.D
Acq: 05 Dec 2018 17:44

Tgt Ion: 92 Resp: 790447
Ion Ratio Lower Upper
92 100
91 170.8 139.2 208.8





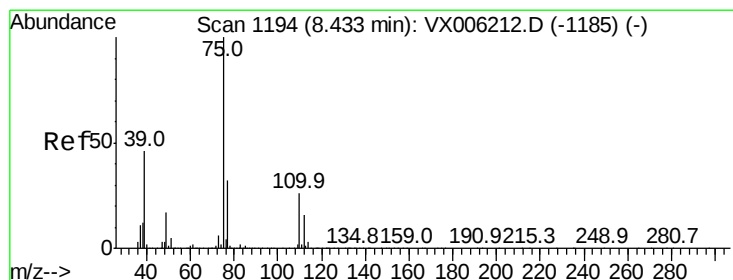
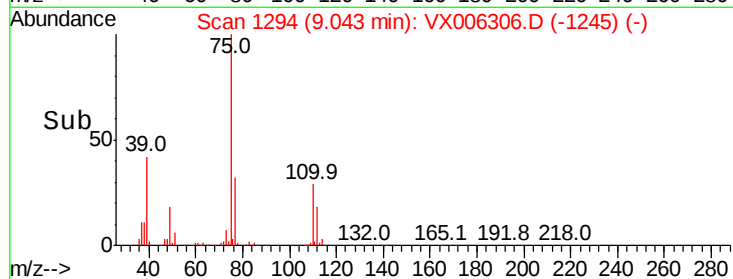
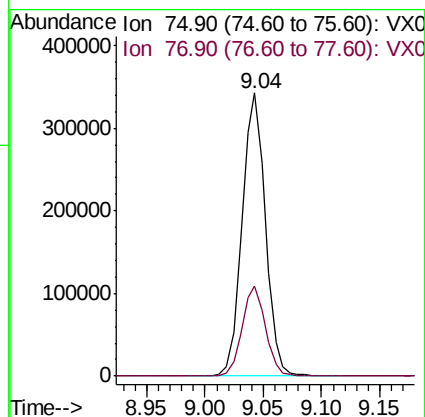
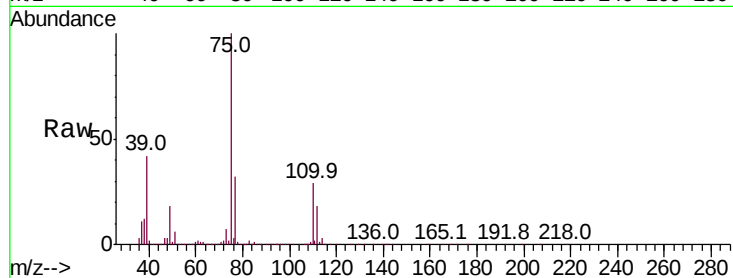
#53
 t-1,3-Dichloropropene
 Concen: 46.293 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: VX006306.D
 Acq: 05 Dec 2018 17:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.0	37.4

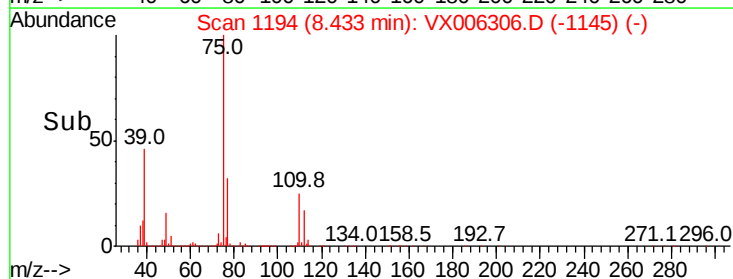
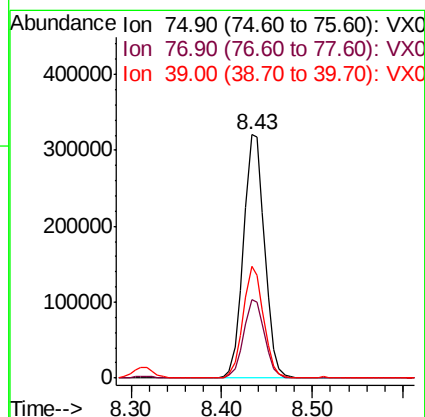
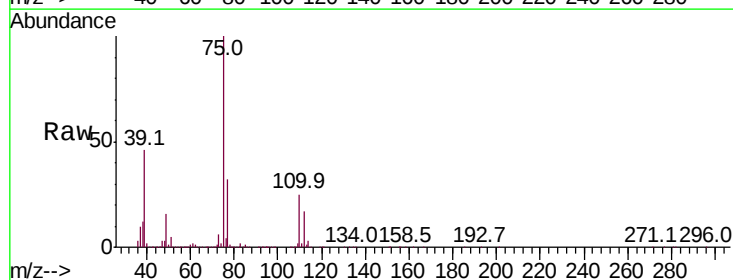
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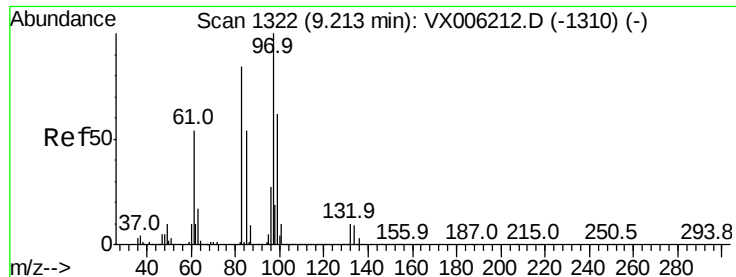
MMDadoda
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#54
 cis-1,3-Dichloropropene
 Concen: 48.370 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX006306.D
 Acq: 05 Dec 2018 17:44

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.6	38.4
39	45.7	36.5	54.7





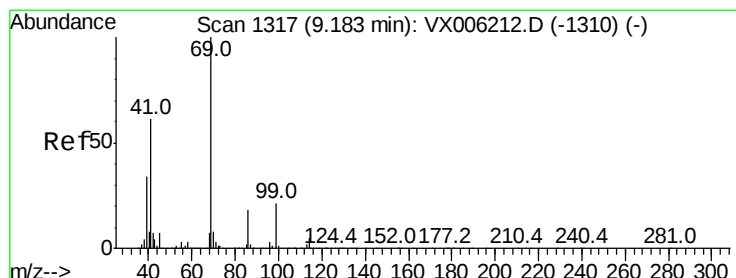
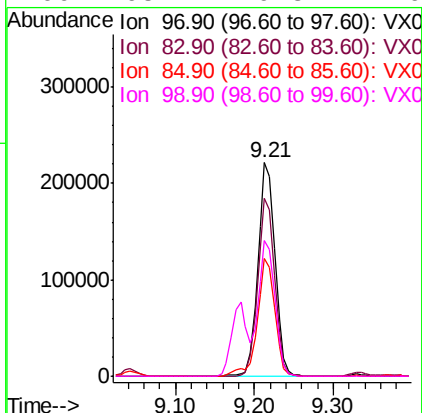
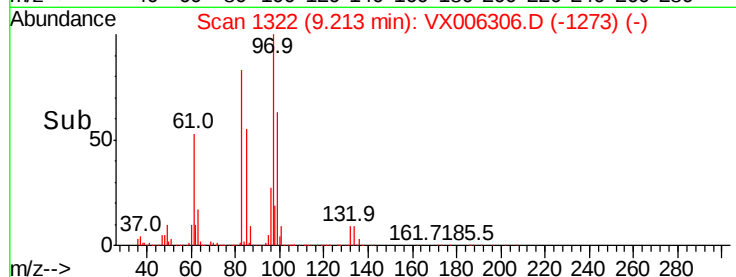
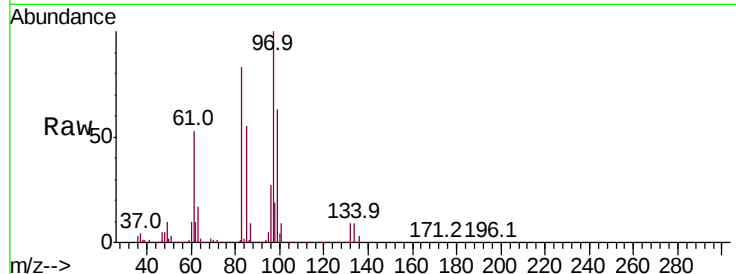
#55
 1,1,2-Trichloroethane
 Concen: 49.922 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX006306.D
 Acq: 05 Dec 2018 17:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
97	100		
83	83.3	67.1	100.7
85	55.1	43.2	64.8
99	63.4	49.8	74.6

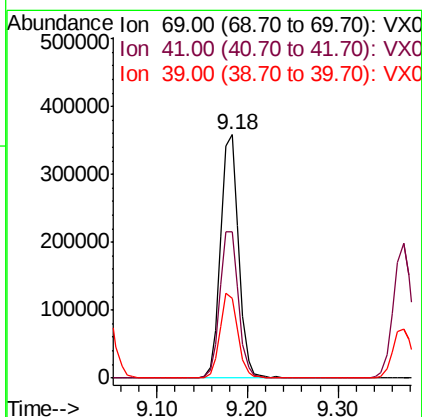
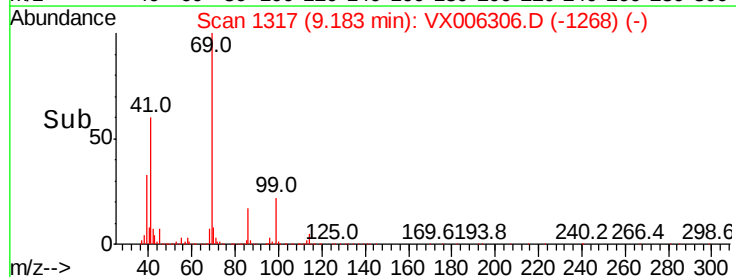
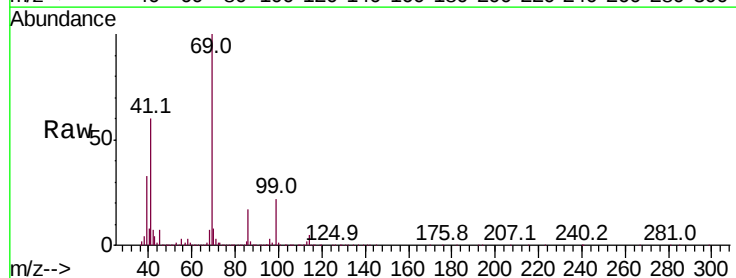
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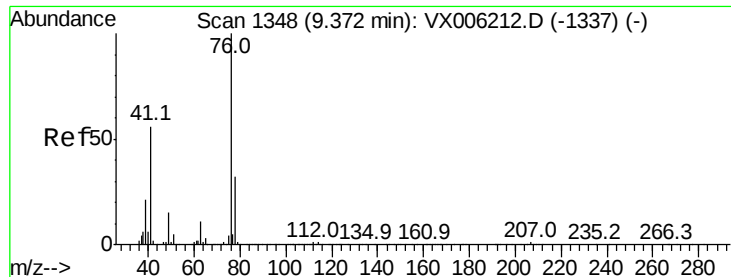
MMDadoda
 12/7/2018 10:42:13 AM



#56
 Ethyl methacrylate
 Concen: 47.665 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX006306.D
 Acq: 05 Dec 2018 17:44

Tgt Ion	Ratio	Lower	Upper
69	100		
41	61.9	50.6	76.0
39	34.4	27.6	41.4





#57

1,3-Dichloropropane

Concen: 48.979 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX006306.D

Acq: 05 Dec 2018 17:44

Tot Ion: 76 Resp: 515115

Ion Ratio Lower Upper

76 100

78 32.6 26.1 39.1

Instrument :

MSVOA_X

ClientSampleId :

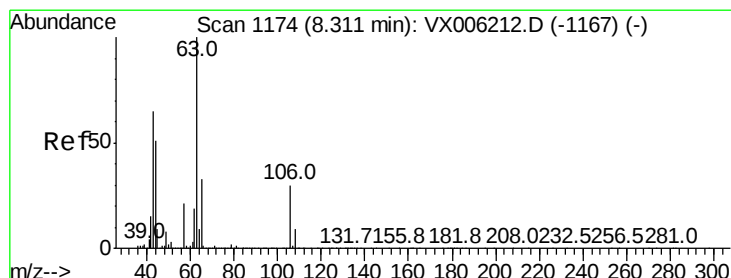
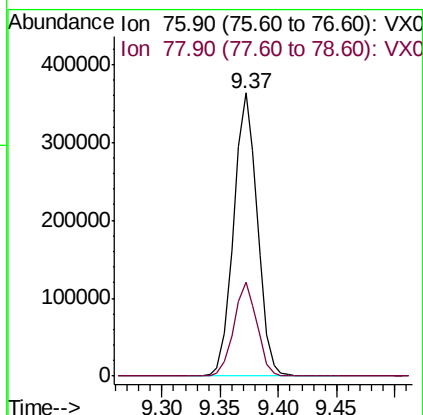
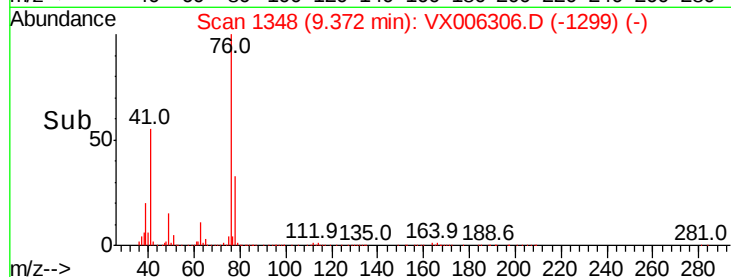
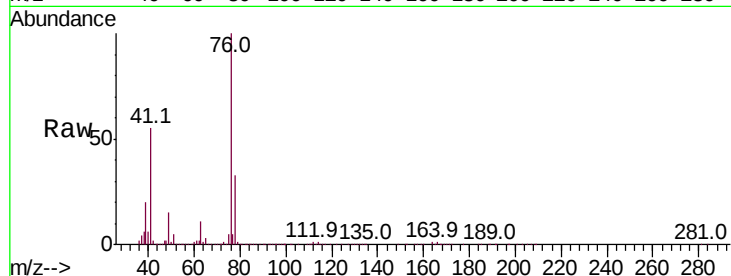
VSTDCCC050EC

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12/7/2018 10:42:13 AM



#58

2-Chloroethyl Vinyl ether

Concen: 233.841 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX006306.D

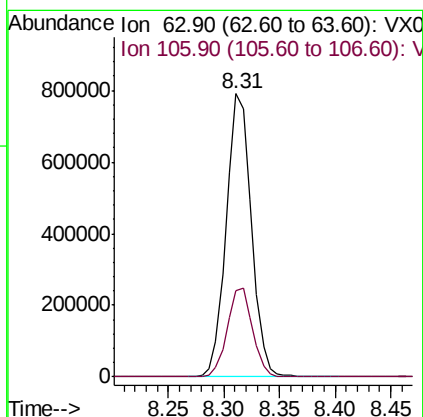
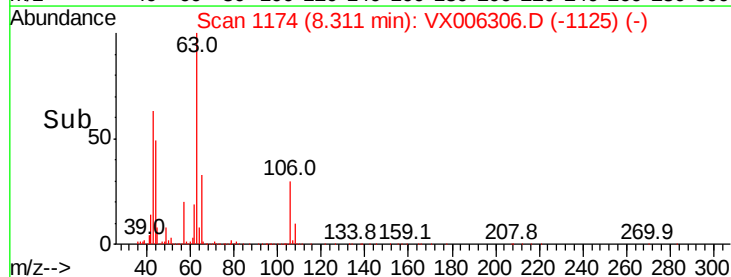
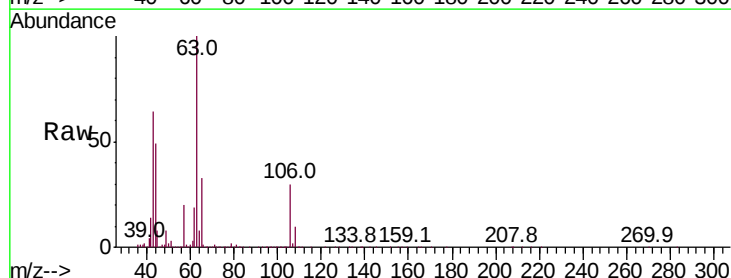
Acq: 05 Dec 2018 17:44

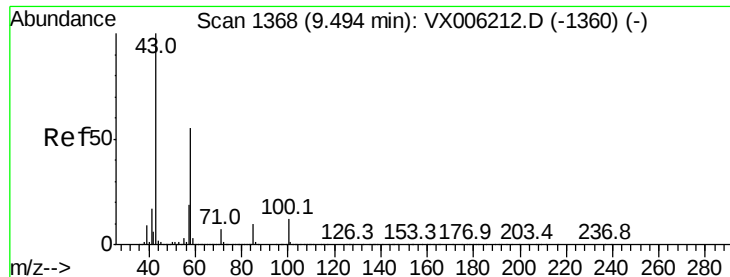
Tgt Ion: 63 Resp: 1233798

Ion Ratio Lower Upper

63 100

106 31.7 24.9 37.3





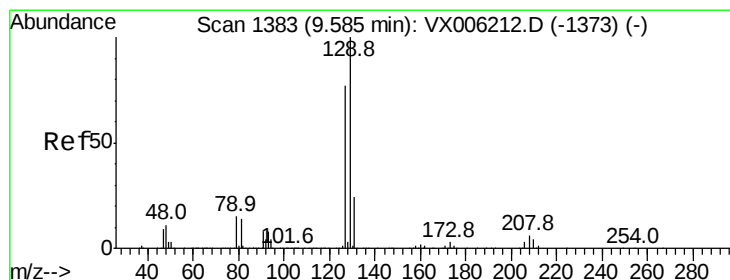
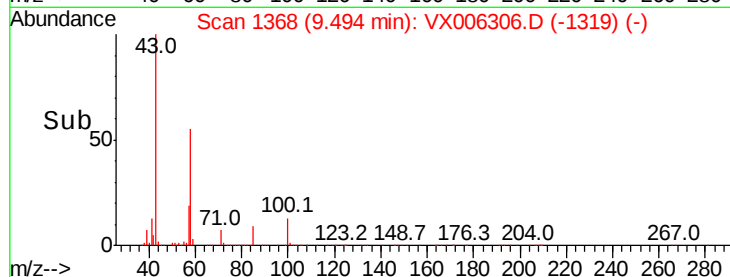
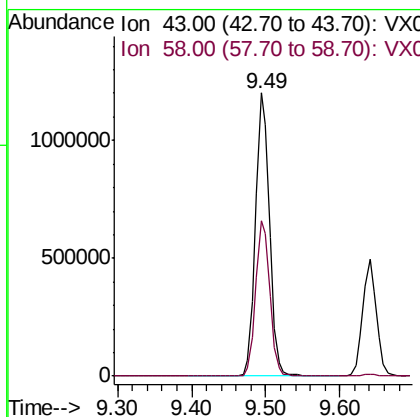
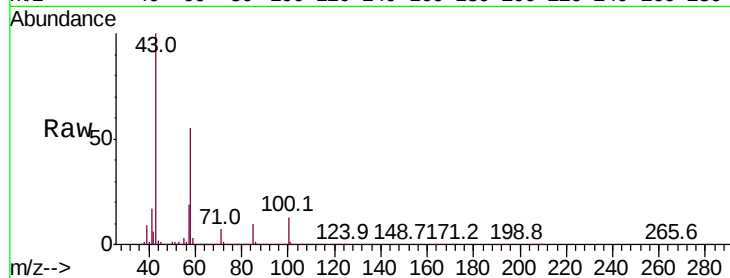
#59
2-Hexanone
Concen: 230.270 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX006306.D
Acq: 05 Dec 2018 17:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1588746
Ion Ratio Lower Upper
43 100
58 55.4 27.7 83.1

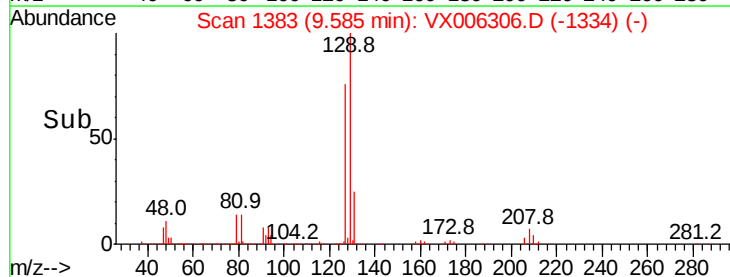
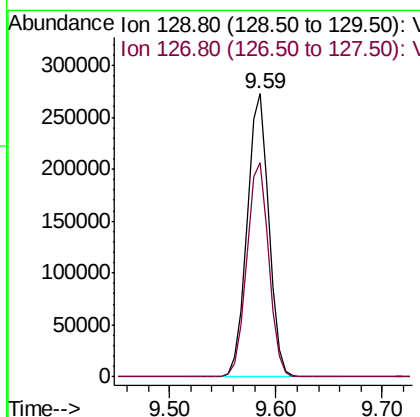
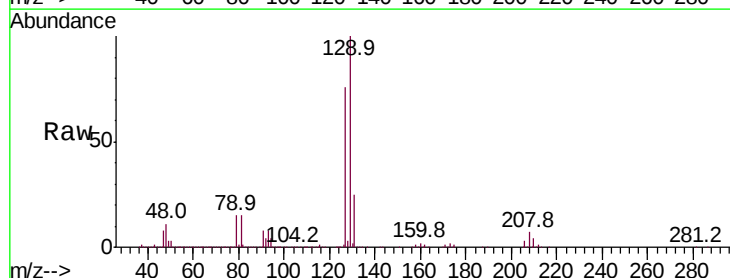
Manual Integrations
APPROVED

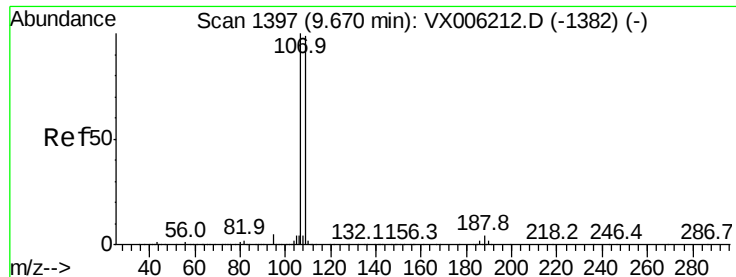
MMDadoda
12/7/2018 10:42:13 AM



#60
Dibromochloromethane
Concen: 47.688 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX006306.D
Acq: 05 Dec 2018 17:44

Tgt Ion: 129 Resp: 391099
Ion Ratio Lower Upper
129 100
127 76.5 38.6 115.8





#61

1,2-Dibromoethane

Concen: 48.666 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX006306.D

Acq: 05 Dec 2018 17:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 361913

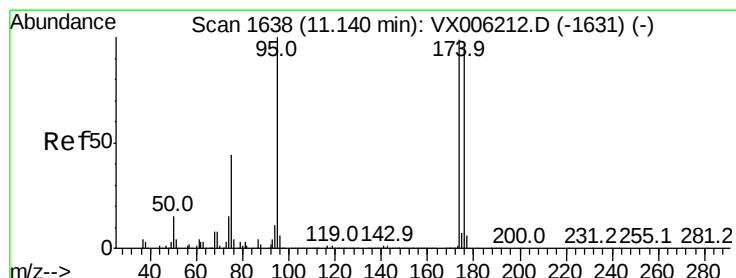
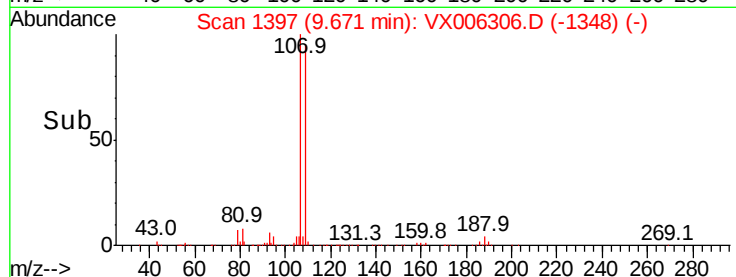
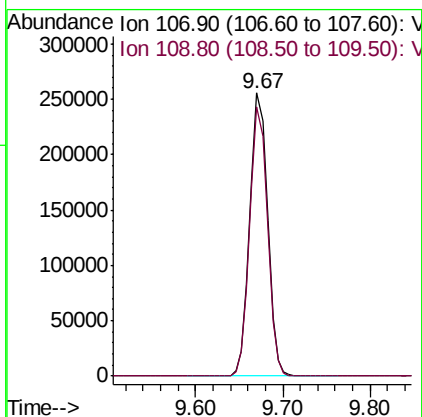
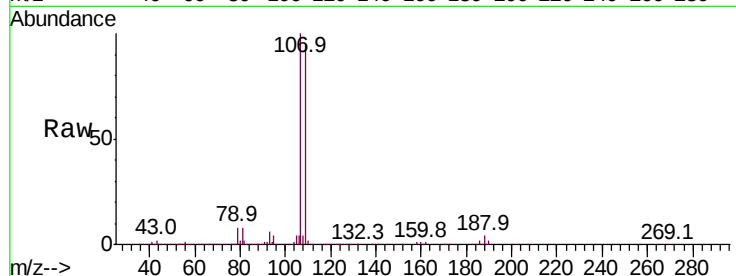
Ion Ratio Lower Upper

107 100

109 94.7 76.3 114.5

Manual Integrations
APPROVED

MMDadoda
12/7/2018 10:42:13 AM



#62

4-Bromofluorobenzene

Concen: 47.474 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006306.D

Acq: 05 Dec 2018 17:44

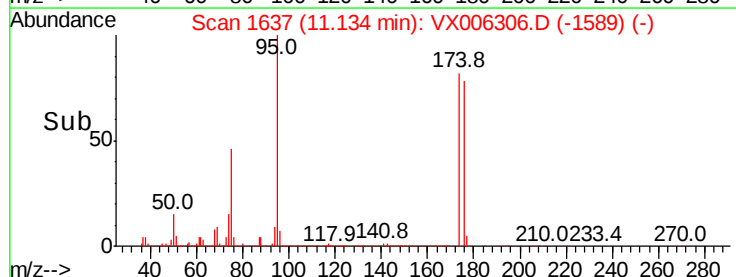
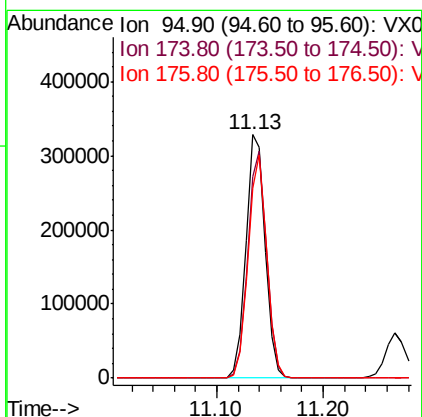
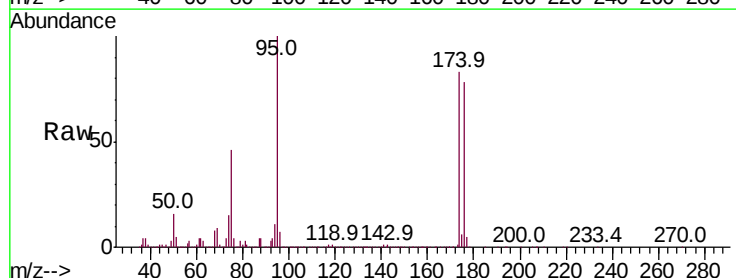
Tgt Ion: 95 Resp: 415672

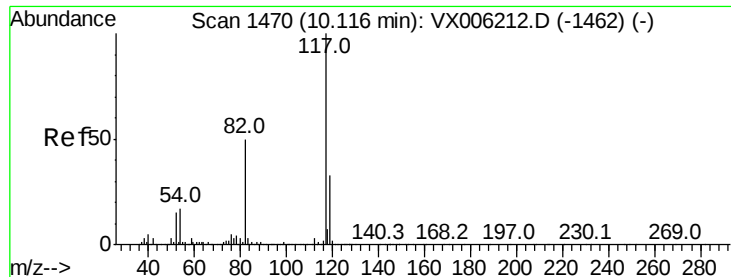
Ion Ratio Lower Upper

95 100

174 91.8 0.0 187.0

176 89.4 0.0 181.8





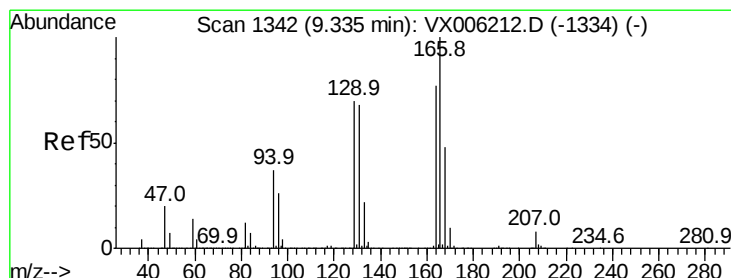
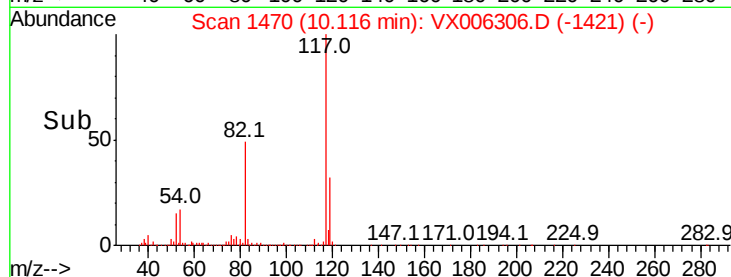
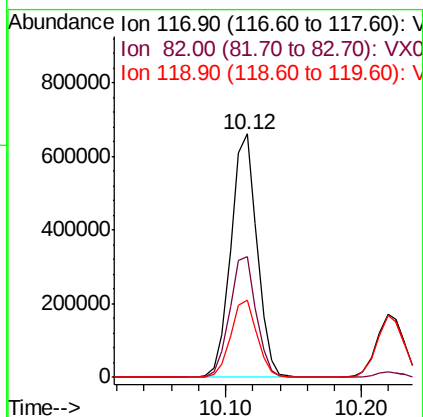
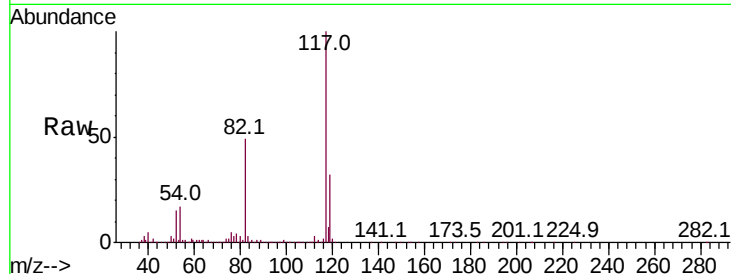
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006306.D
Acq: 05 Dec 2018 17:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	49.4	39.6	59.4
119	31.9	26.3	39.5

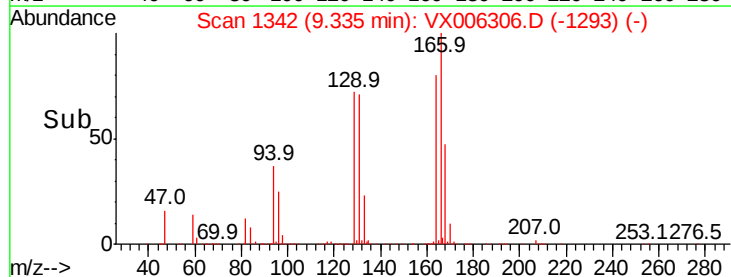
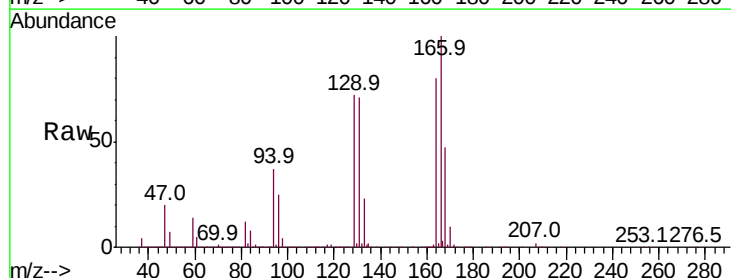
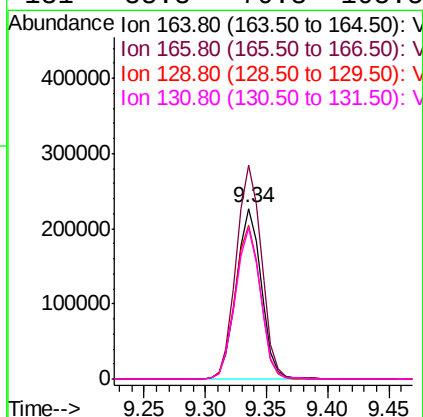
Manual Integrations
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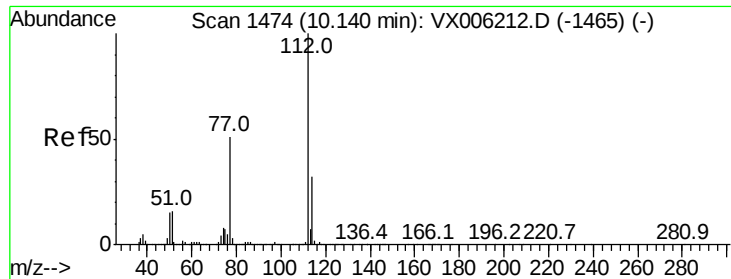
MMDadoda
12/7/2018 10:42:13 AM



#64
Tetrachloroethene
Concen: 48.091 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006306.D
Acq: 05 Dec 2018 17:44

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.4	104.2	156.2
129	90.3	72.6	108.8
131	88.8	70.3	105.5





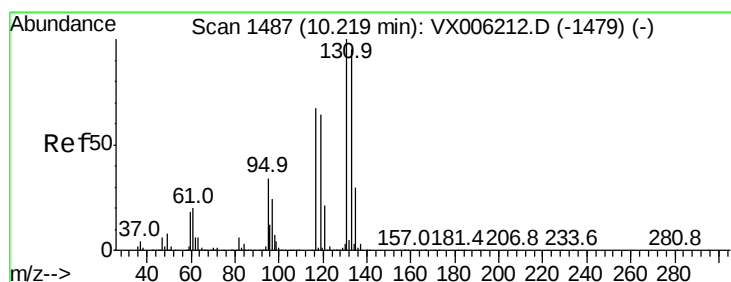
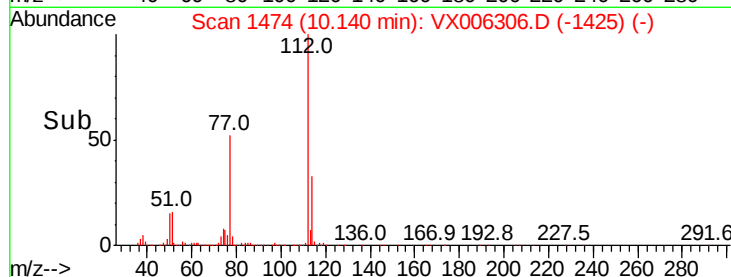
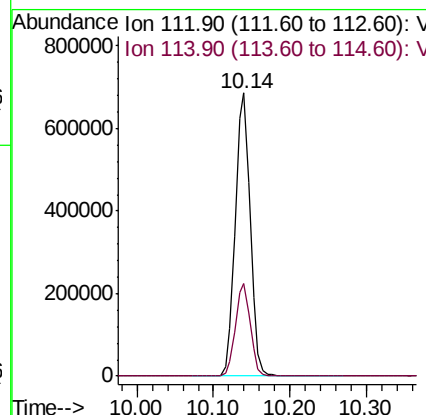
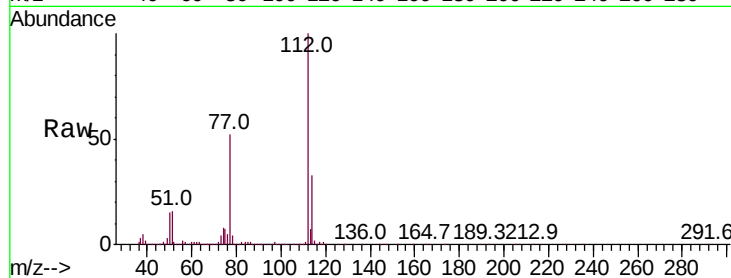
#65
Chlorobenzene
Concen: 49.537 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX006306.D
Acq: 05 Dec 2018 17:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.7	25.4	38.2

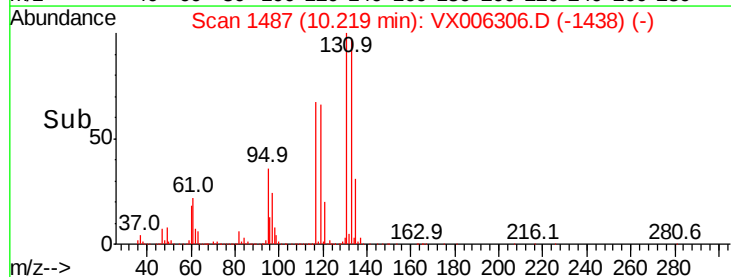
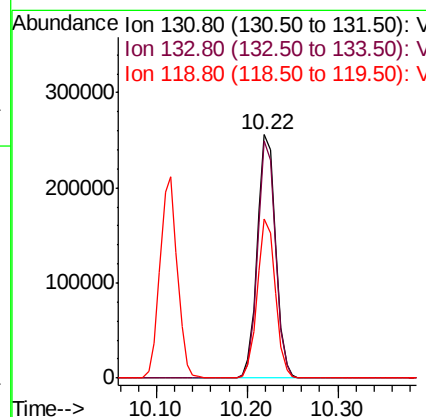
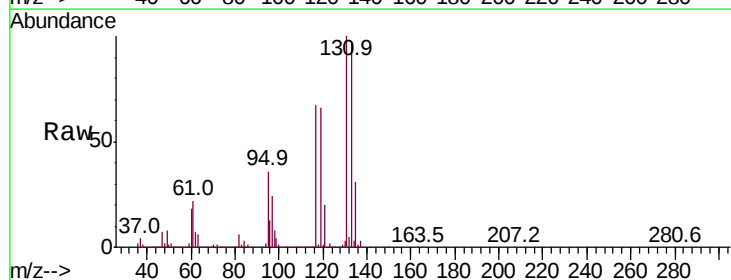
Manual Integrations
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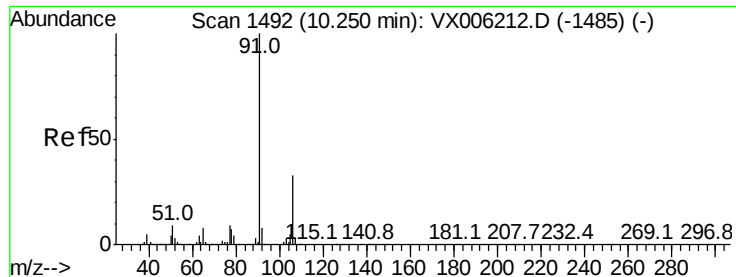
MMDadoda
12/7/2018 10:42:13 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 49.287 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX006306.D
Acq: 05 Dec 2018 17:44

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.9	48.1	144.4
119	64.4	32.1	96.3





#67

Ethyl Benzene

Concen: 48.679 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX006306.D

Acq: 05 Dec 2018 17:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 1517644

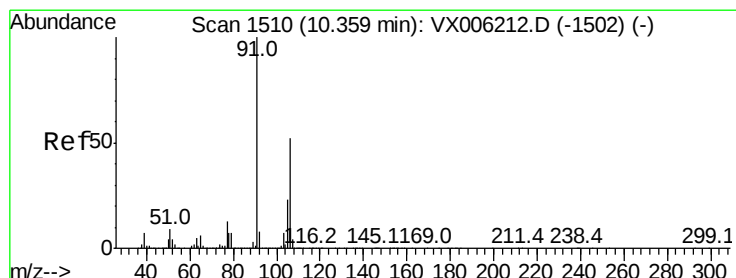
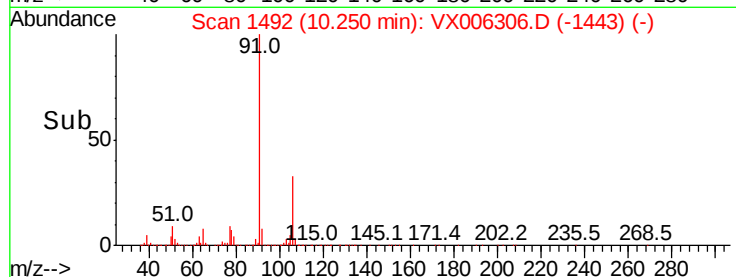
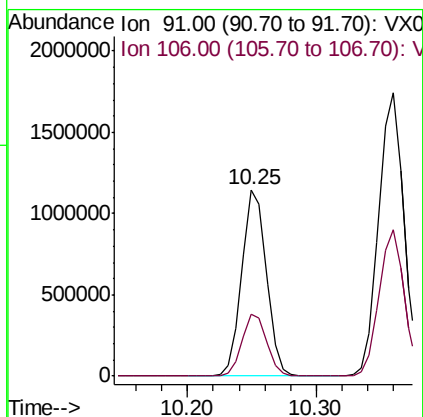
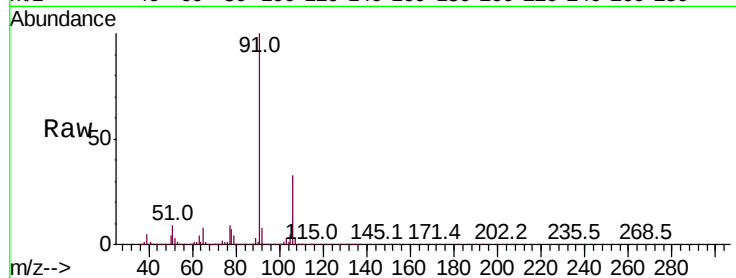
Ion Ratio Lower Upper

91 100

106 33.2 26.5 39.7

Manual Integrations
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#68

m/p-Xylenes

Concen: 96.979 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006306.D

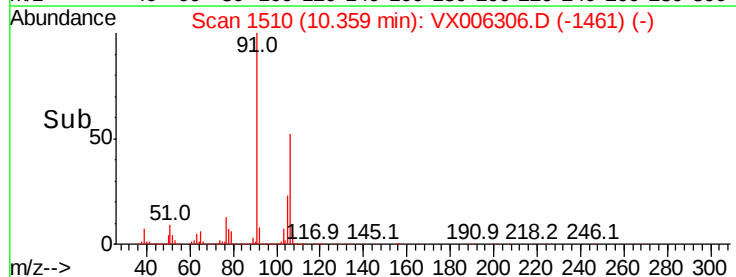
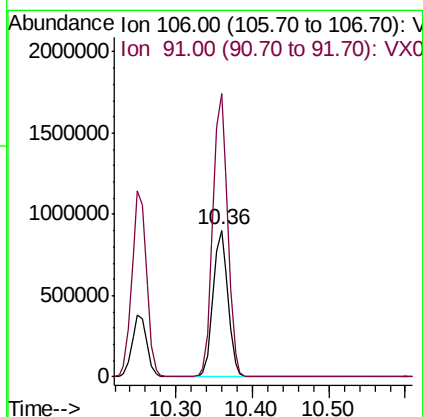
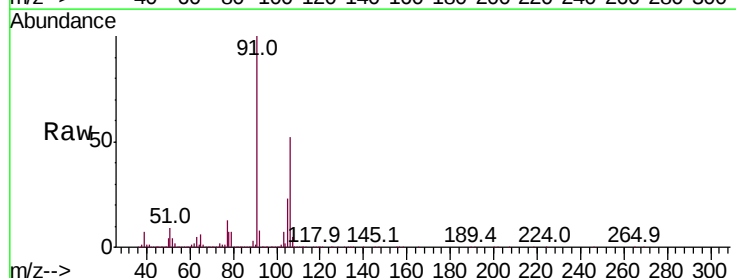
Acq: 05 Dec 2018 17:44

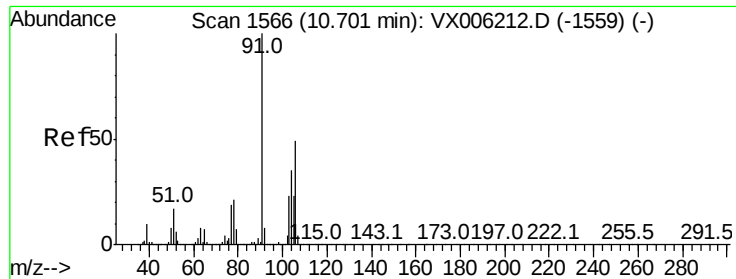
Tgt Ion: 106 Resp: 1211120

Ion Ratio Lower Upper

106 100

91 193.8 155.2 232.8





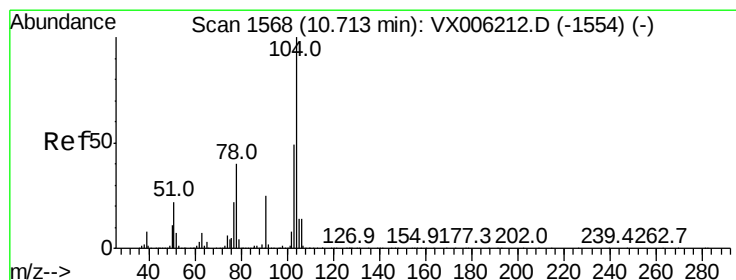
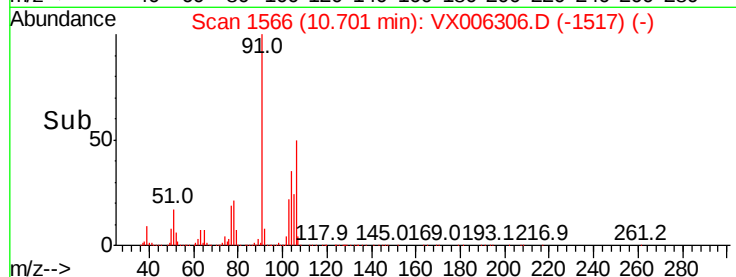
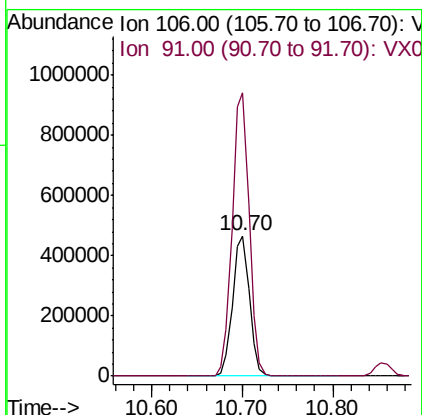
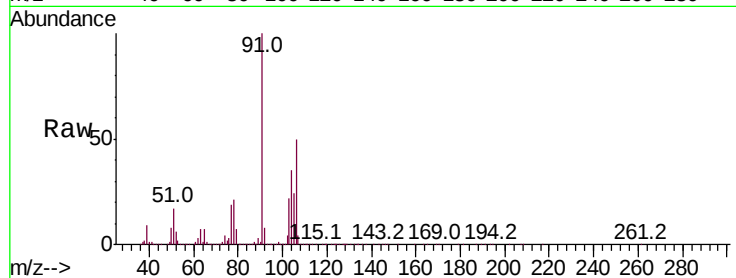
#69
o-Xylene
Concen: 48.741 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006306.D
Acq: 05 Dec 2018 17:44

Instrument :
MSVOA_X
ClientSampleID :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	203.3	101.8	305.6

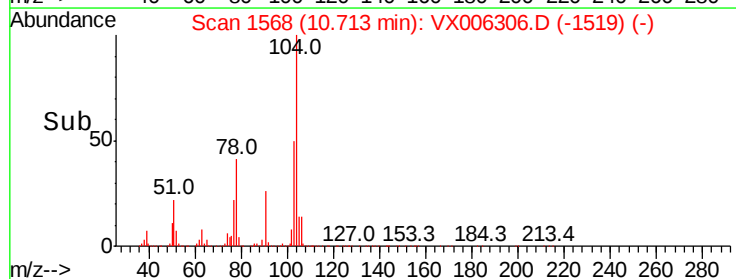
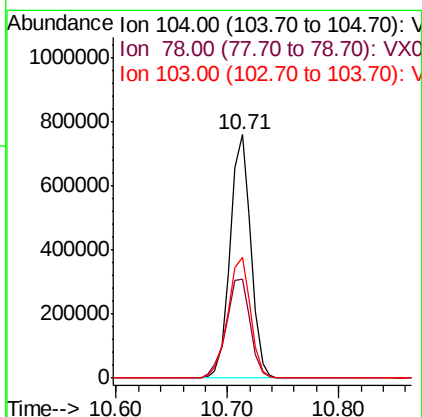
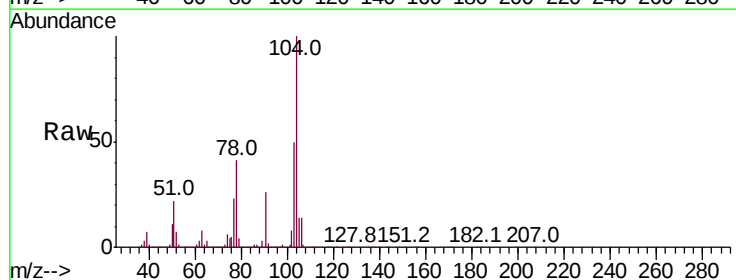
Manual Integrations
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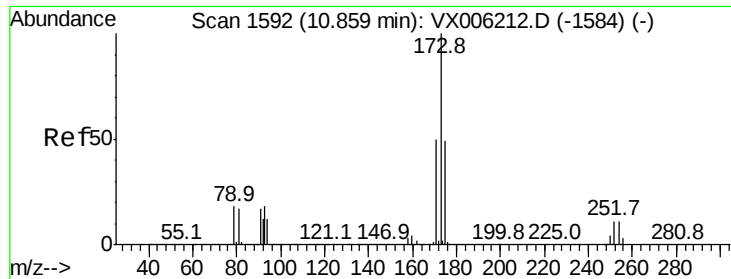
MMDadoda
12/7/2018 10:42:13 AM



#70
Styrene
Concen: 48.918 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006306.D
Acq: 05 Dec 2018 17:44

Tgt Ion	Ratio	Lower	Upper
104	100		
78	47.2	37.2	55.8
103	54.7	43.5	65.3





#71

Bromoform

Concen: 45.893 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006306.D

Acq: 05 Dec 2018 17:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 315520

Ion Ratio Lower Upper

173 100

175 49.0 24.6 73.8

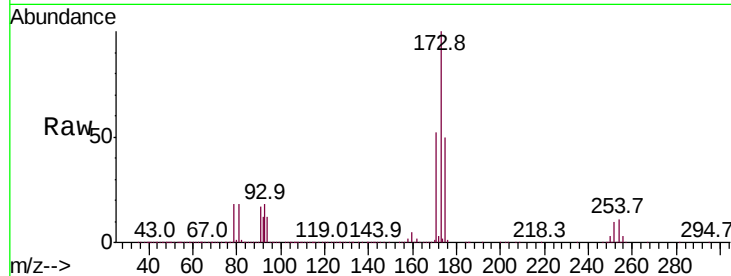
254 0.1 0.2 0.2#

Manual Integrations

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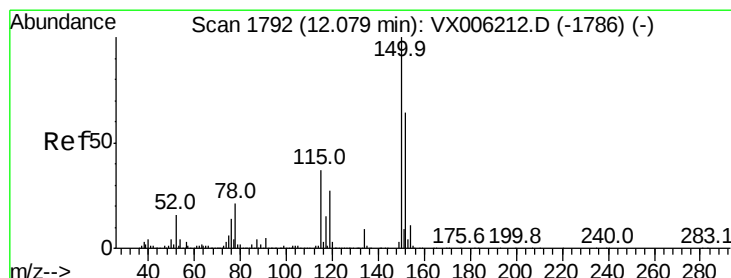
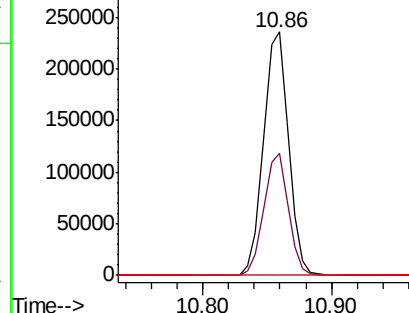
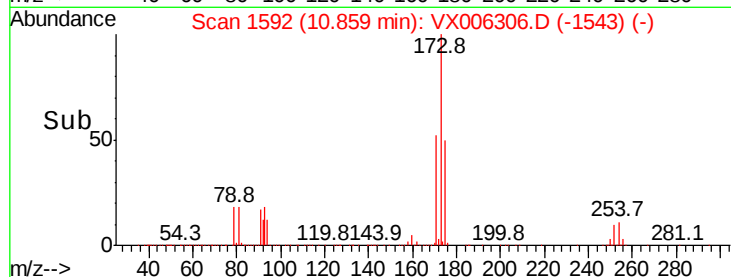
12/7/2018 10:42:13 AM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006306.D

Acq: 05 Dec 2018 17:44

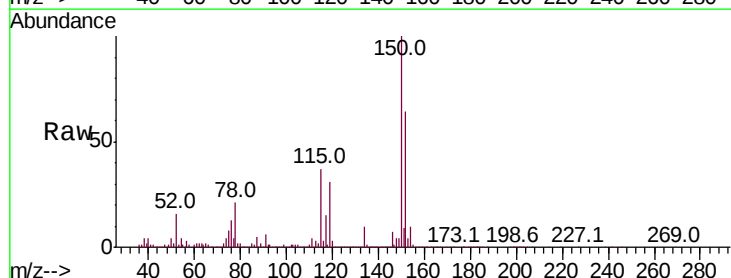
Tgt Ion:152 Resp: 449311

Ion Ratio Lower Upper

152 100

115 77.8 39.0 116.9

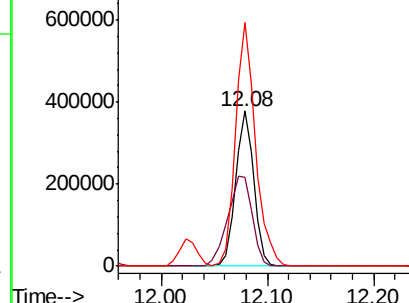
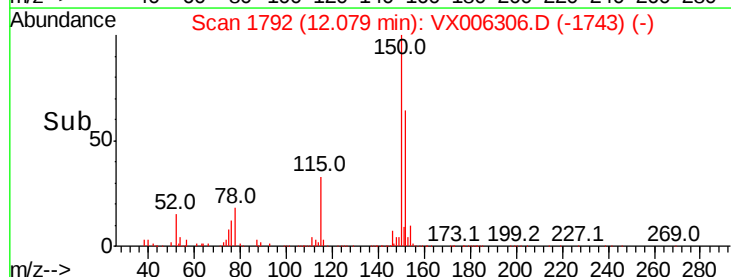
150 173.2 0.0 345.8

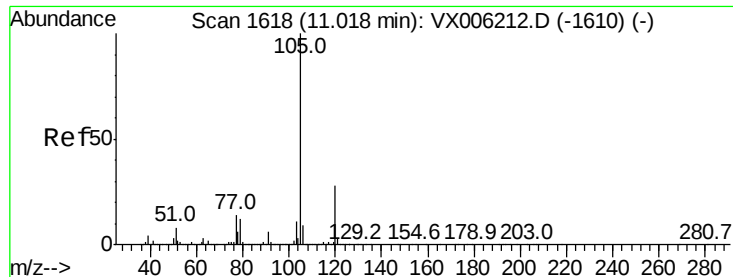


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.913 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006306.D

Acq: 05 Dec 2018 17:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1579761

Ion Ratio Lower Upper

105 100

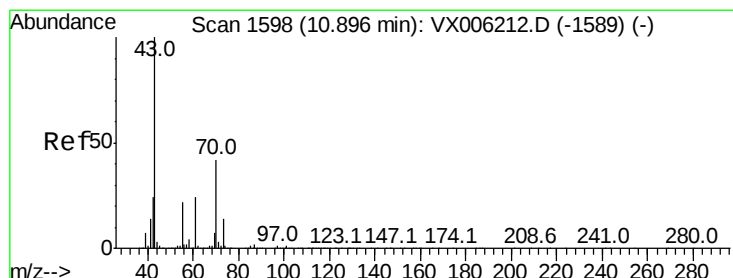
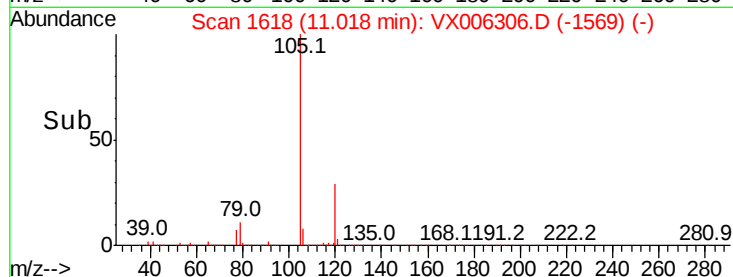
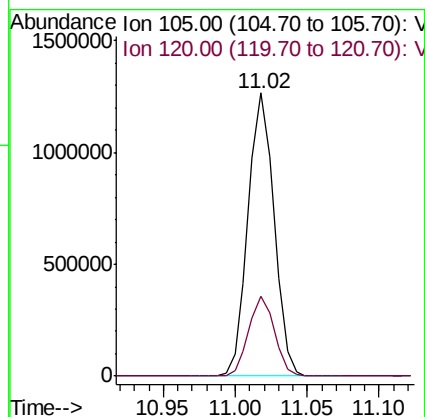
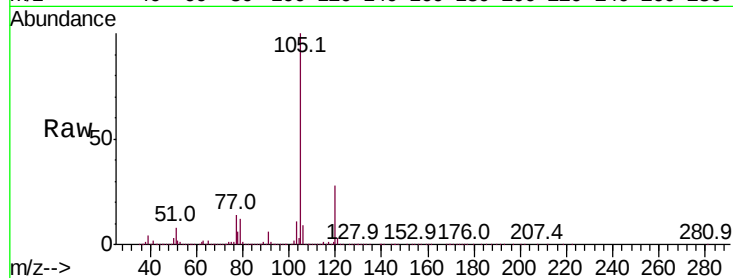
120 28.2 14.1 42.3

Manual Integrations

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#74

N-ethyl acetate

Concen: 46.961 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006306.D

Acq: 05 Dec 2018 17:44

Tgt Ion: 43 Resp: 627479

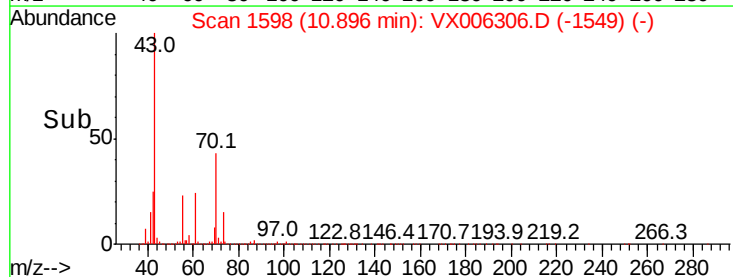
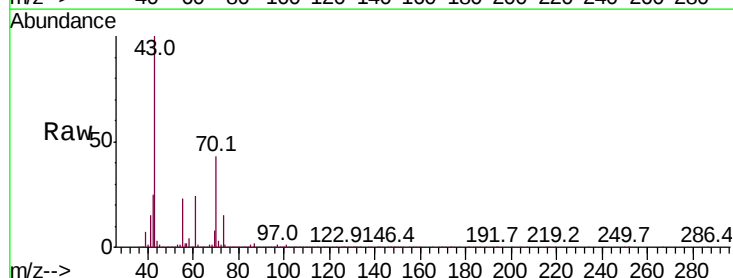
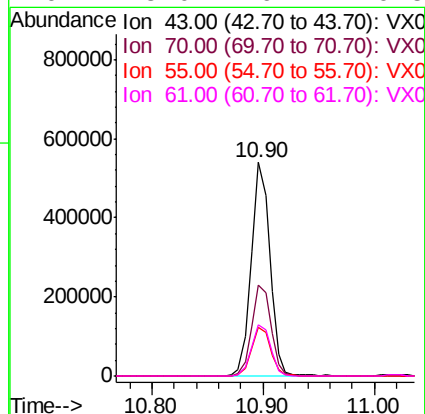
Ion Ratio Lower Upper

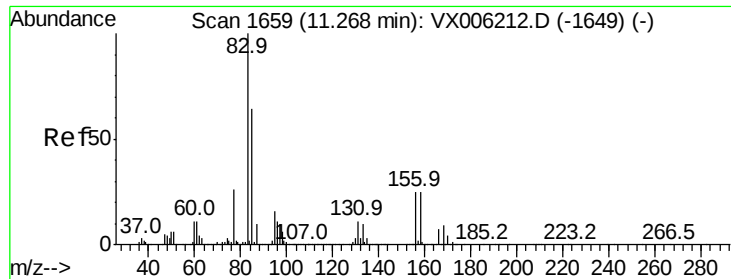
43 100

70 44.0 34.1 51.1

55 23.4 17.8 26.8

61 25.0 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 48.837 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006306.D

Acq: 05 Dec 2018 17:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 484800

Ion Ratio Lower Upper

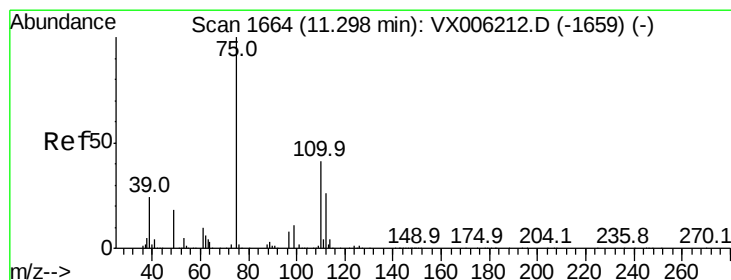
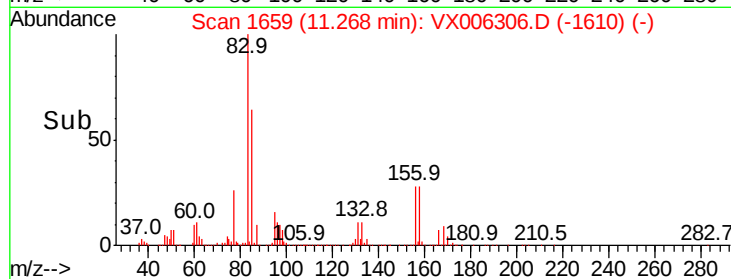
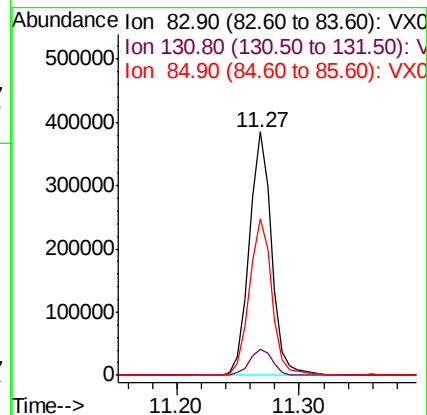
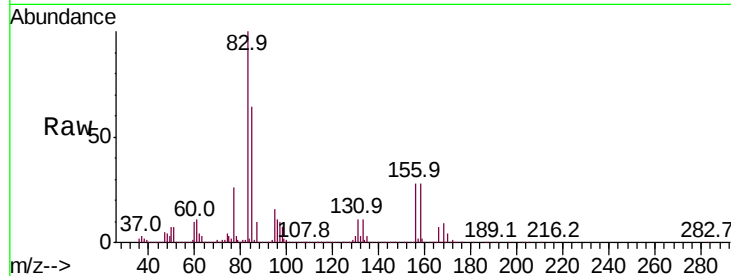
83 100

131 11.3 5.7 17.1

85 65.2 32.1 96.5

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 53.173 ug/l m

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX006306.D

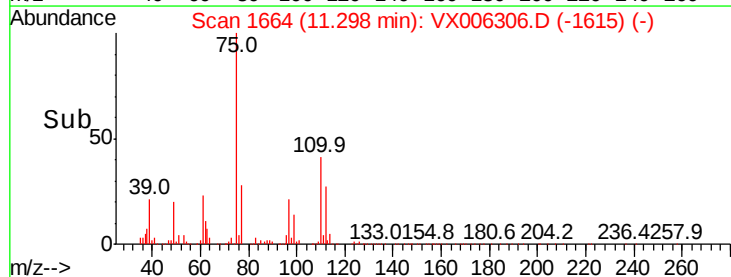
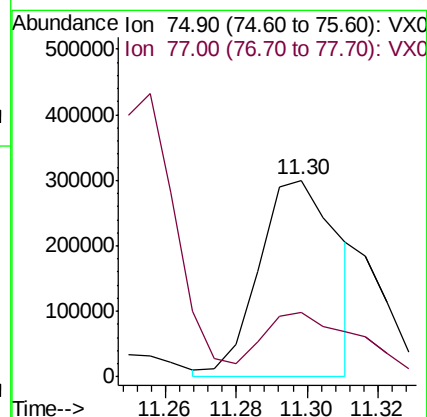
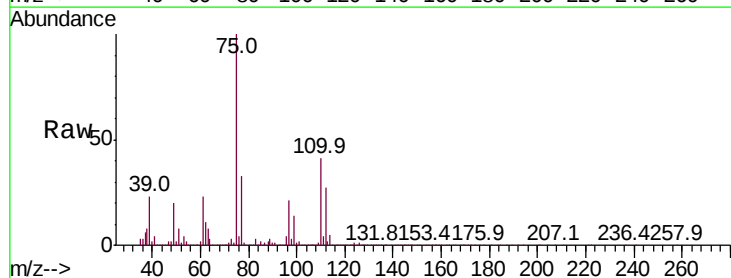
Acq: 05 Dec 2018 17:44

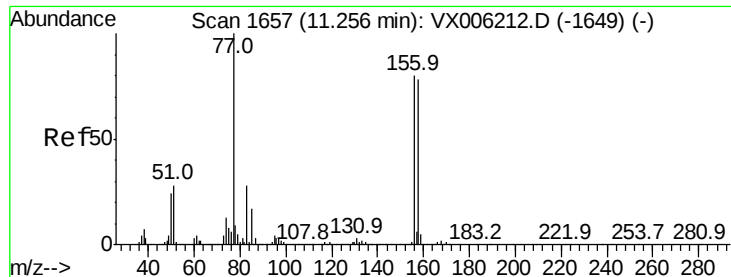
Tgt Ion: 75 Resp: 461138

Ion Ratio Lower Upper

75 100

77 39.6 19.9 59.7





#77

Bromobenzene

Concen: 49.974 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006306.D

Acq: 05 Dec 2018 17:44

Instrument :

MSVOA_X

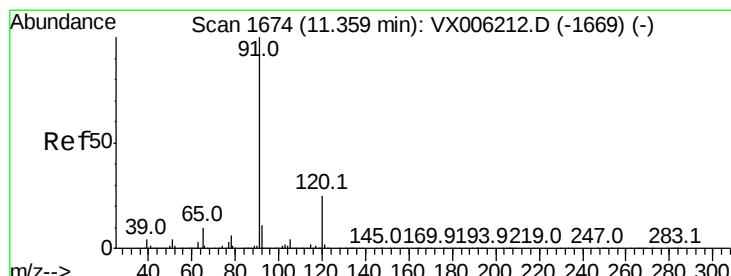
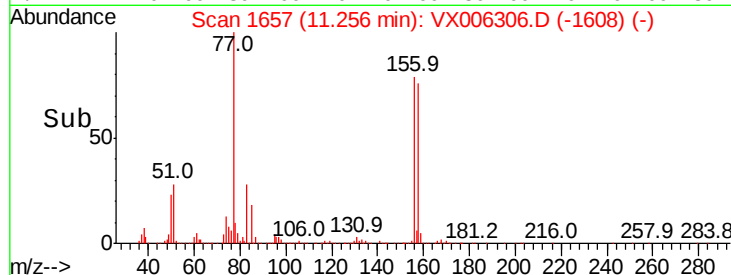
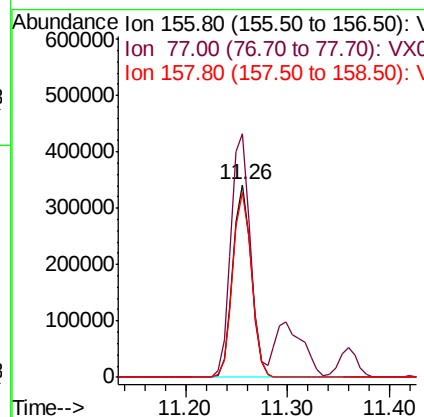
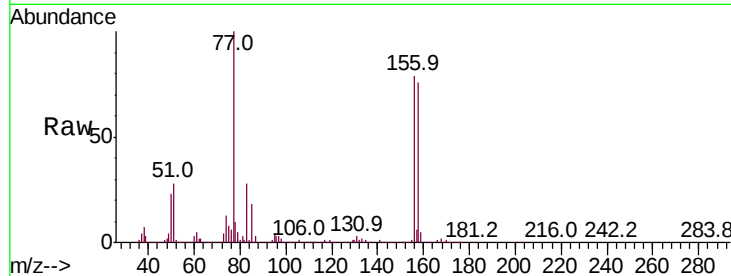
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	430331
Ion Ratio	Lower	Upper	
156	100		
77	132.4	66.2	198.6
158	97.3	48.8	146.4

Manual Integrations
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#78

n-propylbenzene

Concen: 50.718 ug/l

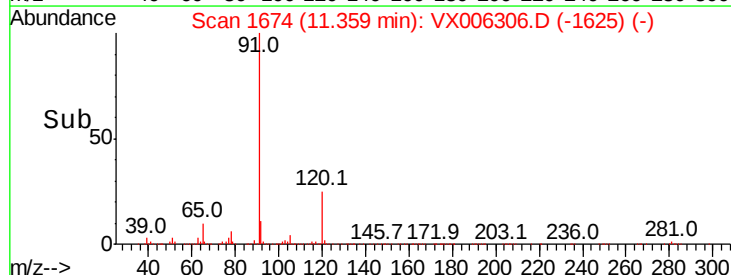
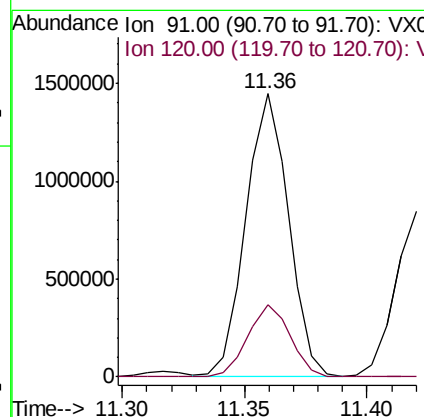
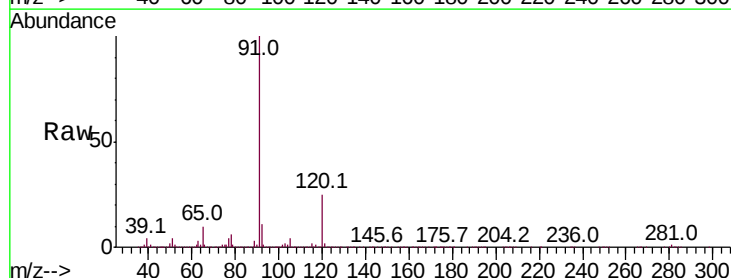
RT: 11.36 min Scan# 1674

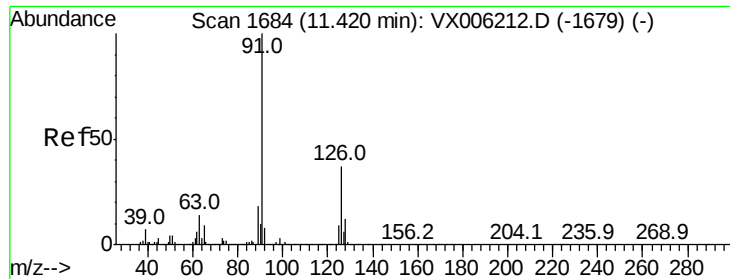
Delta R.T. 0.00 min

Lab File: VX006306.D

Acq: 05 Dec 2018 17:44

Tgt Ion:	91	Resp:	1749347
Ion Ratio	Lower	Upper	
91	100		
120	25.5	12.7	38.0





#79

2-Chlorotoluene

Concen: 50.154 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX006306.D

Acq: 05 Dec 2018 17:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 1028182

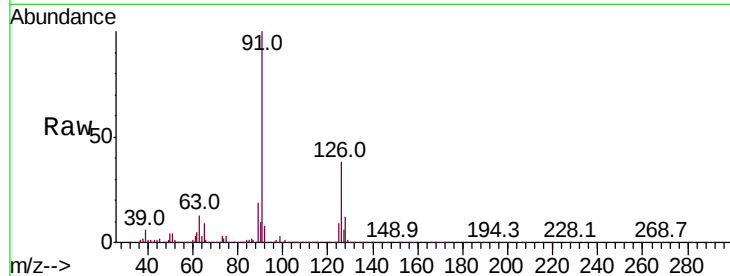
Ion Ratio Lower Upper

91 100

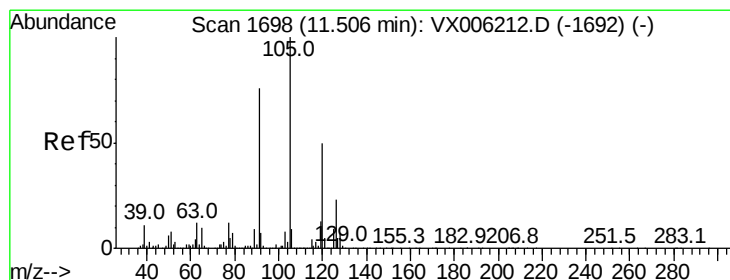
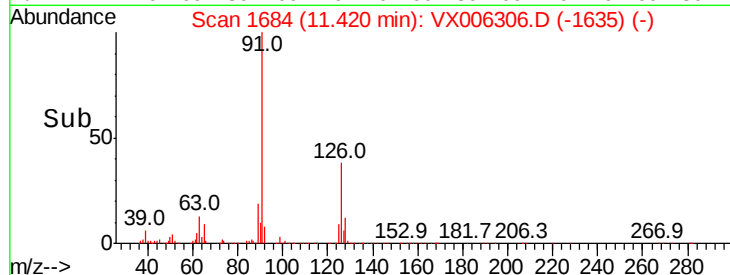
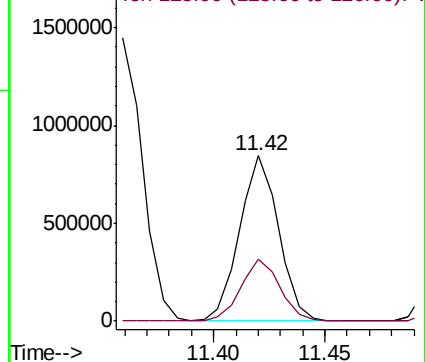
126 37.6 18.6 56.0

Manual Integrations
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Abundance Ion 91.00 (90.70 to 91.70): VX006212.D (-1679) (-)



#80

1,3,5-Trimethylbenzene

Concen: 50.693 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006306.D

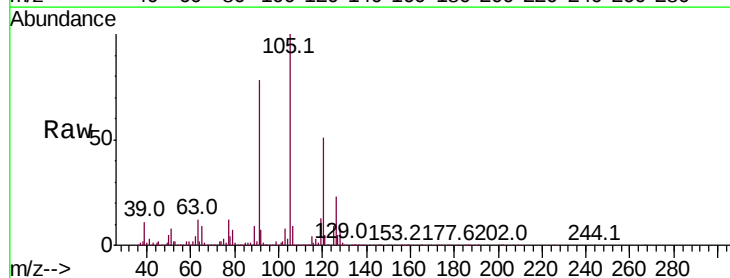
Acq: 05 Dec 2018 17:44

Tgt Ion: 105 Resp: 1308747

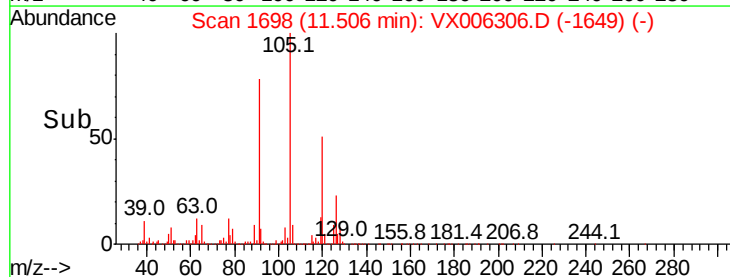
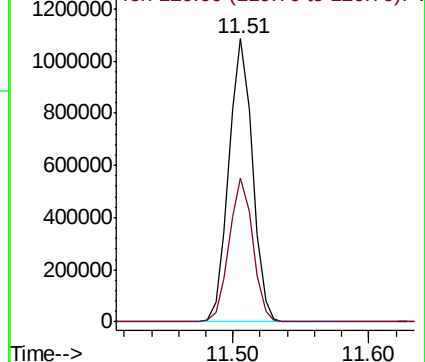
Ion Ratio Lower Upper

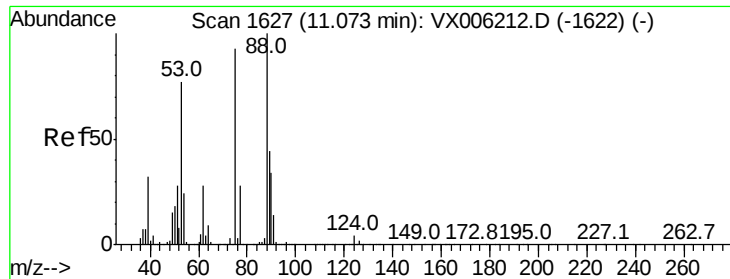
105 100

120 50.5 25.4 76.0



Abundance Ion 105.00 (104.70 to 105.70): VX006212.D (-1692) (-)





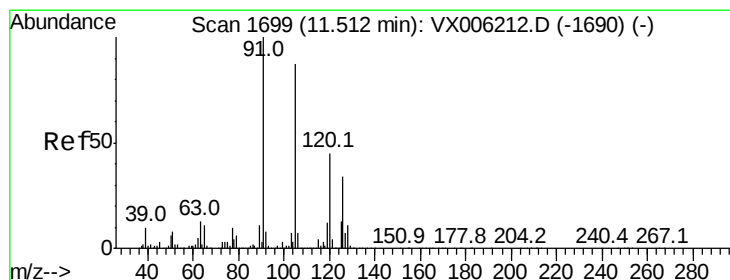
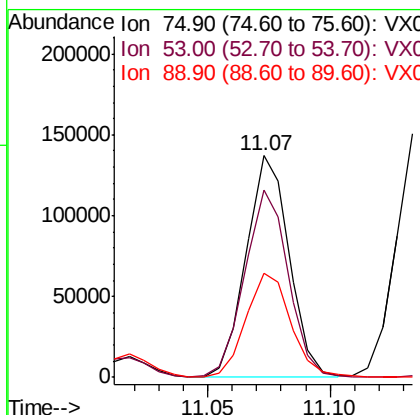
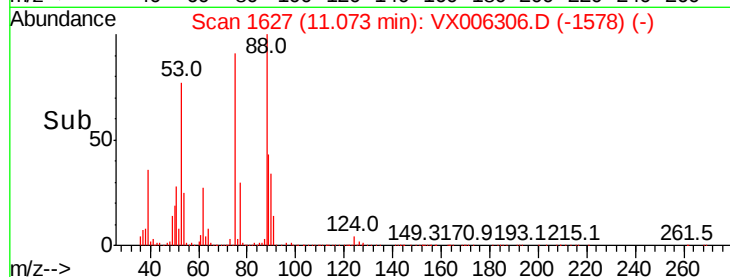
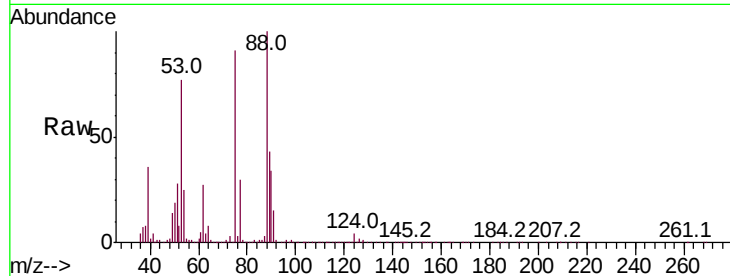
#81
trans-1,4-Dichloro-2-butene
Concen: 45.409 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX006306.D
Acq: 05 Dec 2018 17:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	85.1	64.4	96.6
89	49.7	44.2	66.4

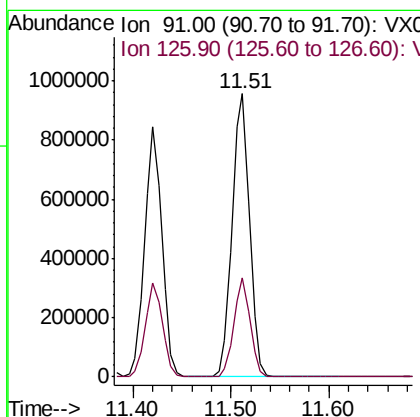
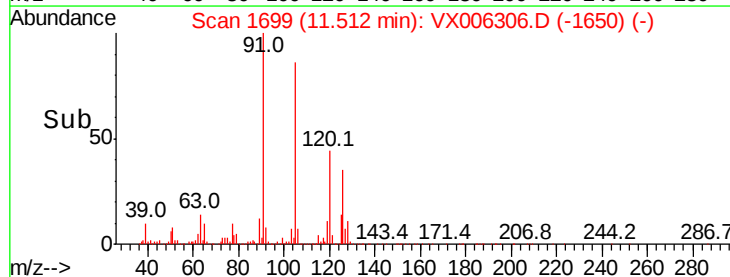
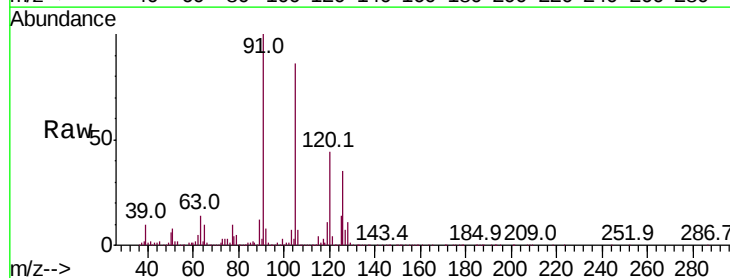
Manual Integrations
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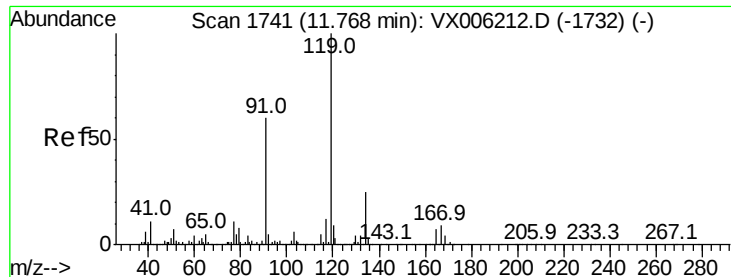
MMDadoda
12/7/2018 10:42:13 AM



#82
4-Chlorotoluene
Concen: 49.605 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX006306.D
Acq: 05 Dec 2018 17:44

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.7	16.4	49.4





#83

tert-Butylbenzene

Concen: 50.399 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX006306.D

Acq: 05 Dec 2018 17:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:119 Resp: 1388274

Ion Ratio Lower Upper

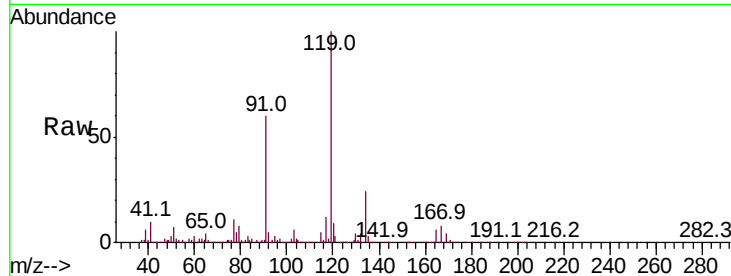
119 100

91 53.0 26.4 79.2

134 23.1 11.6 34.7

Manual Integrations
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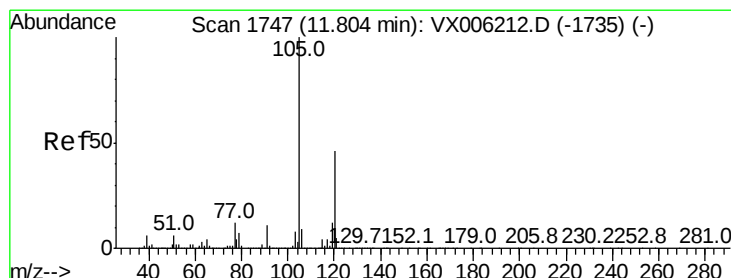
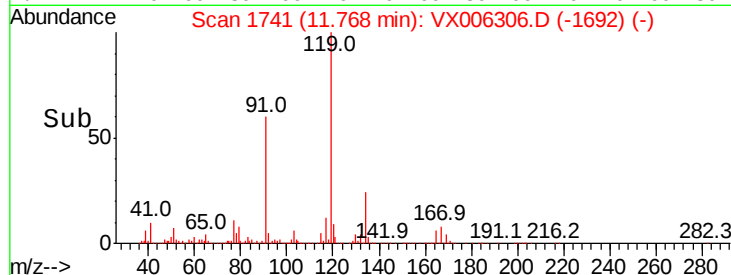
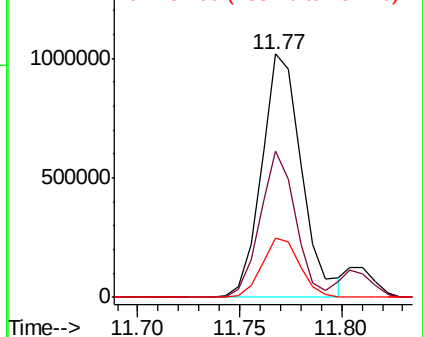
MMDadoda
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Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 50.403 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX006306.D

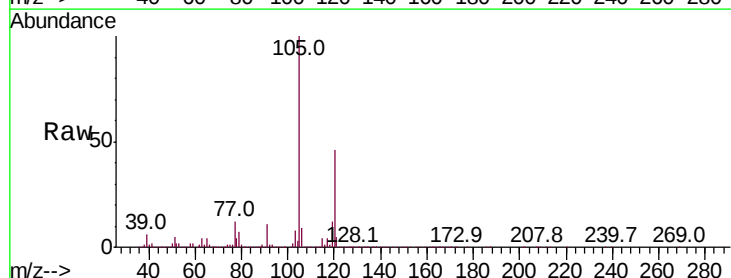
Acq: 05 Dec 2018 17:44

Tgt Ion:105 Resp: 1343649

Ion Ratio Lower Upper

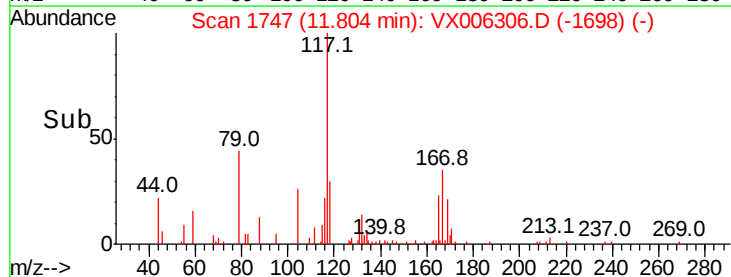
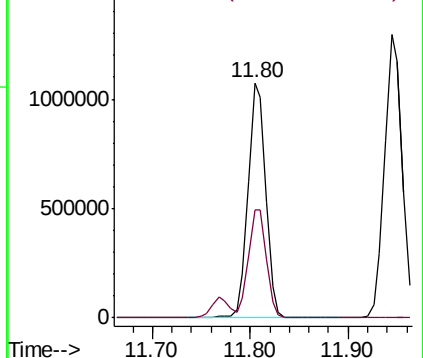
105 100

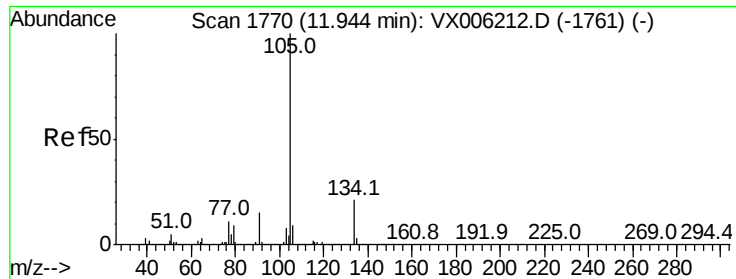
120 46.7 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 51.258 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006306.D

Acq: 05 Dec 2018 17:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1606269

Ion Ratio Lower Upper

105 100

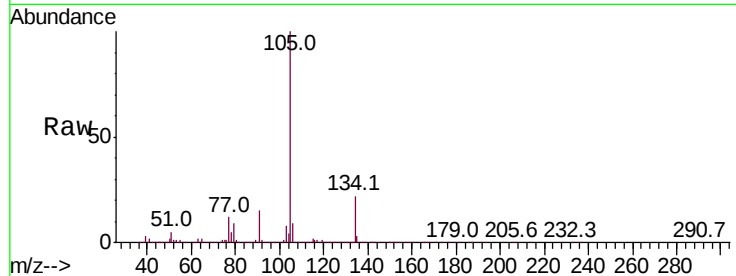
134 21.8 10.8 32.4

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

1500000

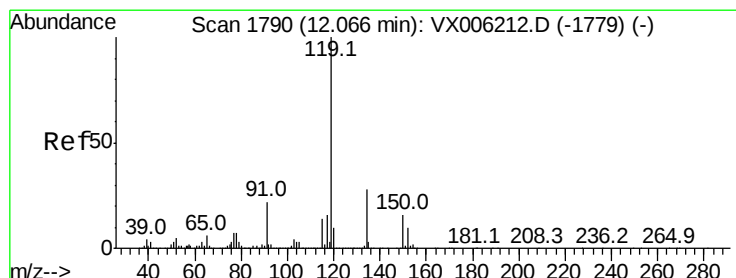
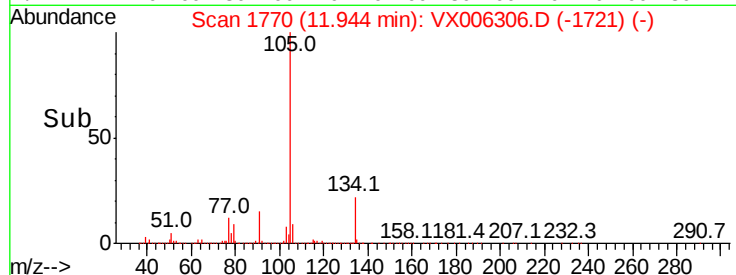
11.94

1000000

500000

0

Time-->



#86

p-Isopropyltoluene

Concen: 50.812 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX006306.D

Acq: 05 Dec 2018 17:44

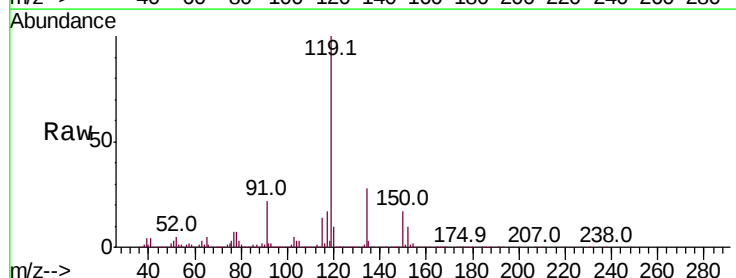
Tgt Ion:119 Resp: 1433793

Ion Ratio Lower Upper

119 100

134 27.9 13.9 41.6

91 22.3 11.3 33.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

1500000

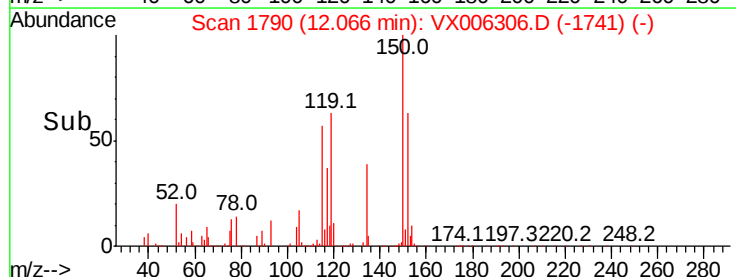
12.07

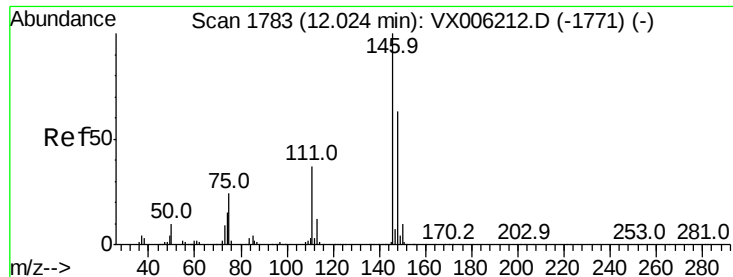
1000000

500000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 50.112 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX006306.D

Acq: 05 Dec 2018 17:44

Instrument :

MSVOA_X

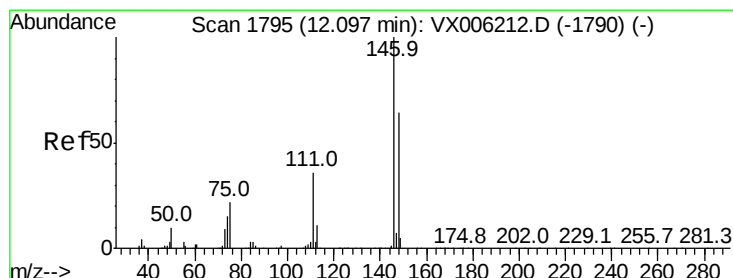
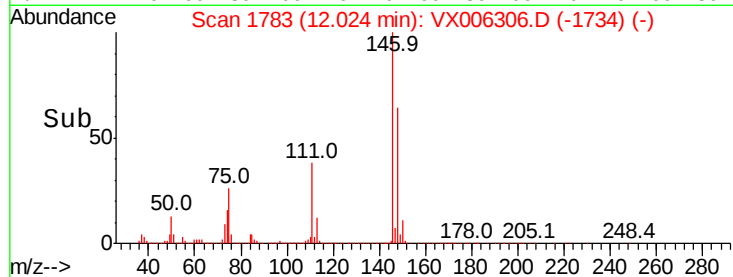
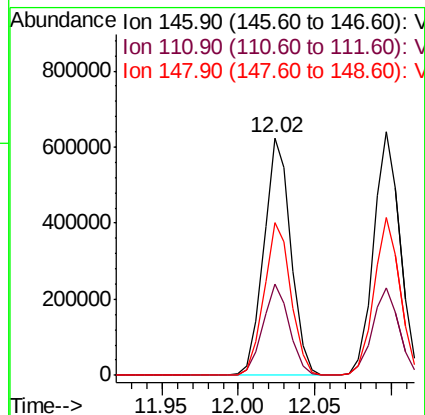
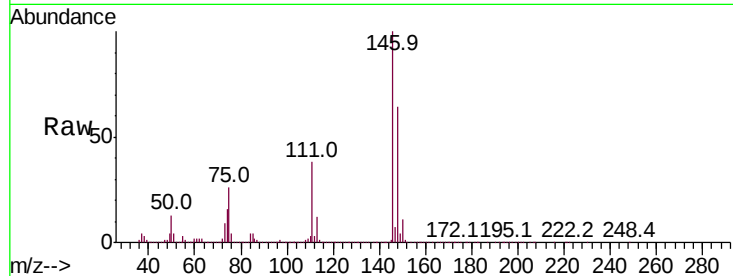
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	767830
Ion Ratio	Lower	Upper	
146	100		
111	37.5	18.4	55.2
148	64.0	32.0	96.0

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 49.004 ug/l

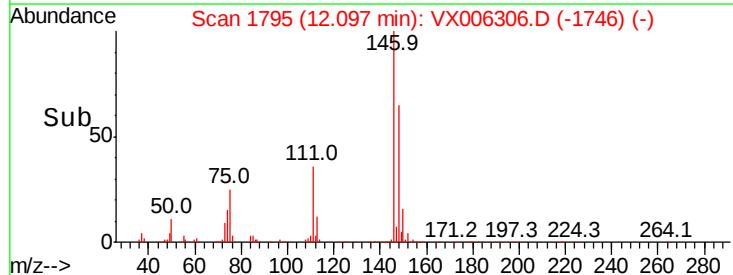
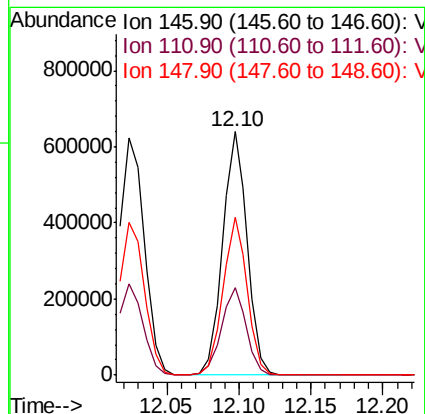
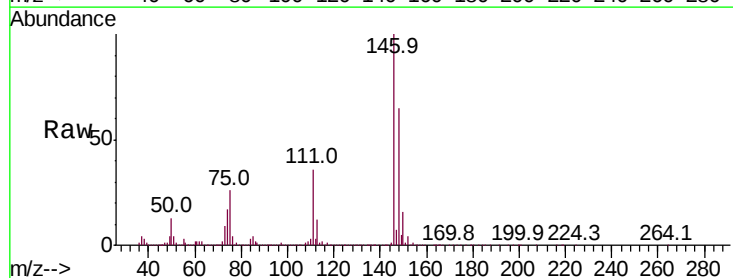
RT: 12.10 min Scan# 1795

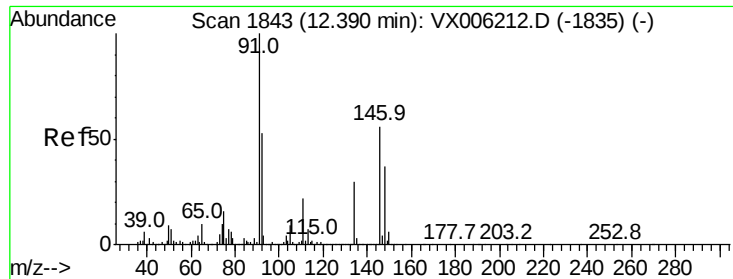
Delta R.T. 0.00 min

Lab File: VX006306.D

Acq: 05 Dec 2018 17:44

Tgt Ion:	146	Resp:	762093
Ion Ratio	Lower	Upper	
146	100		
111	36.3	18.3	54.8
148	64.2	31.9	95.9





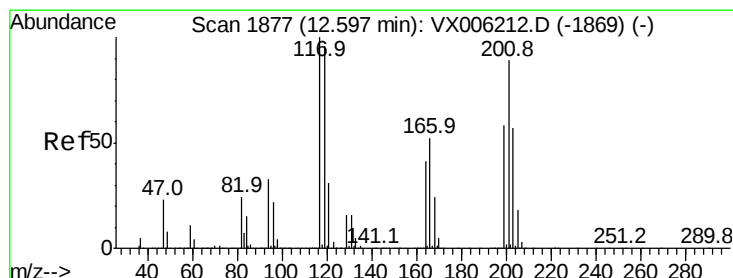
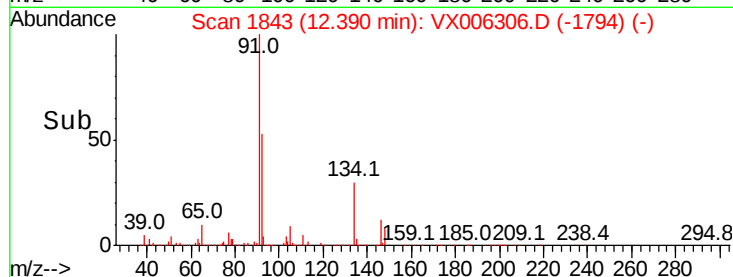
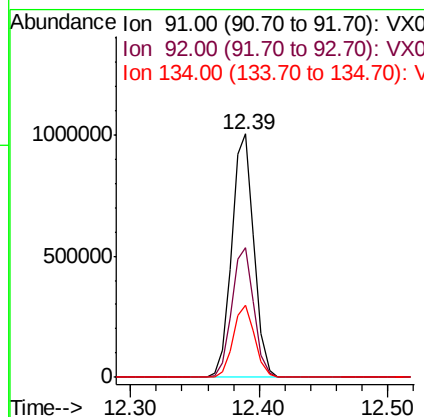
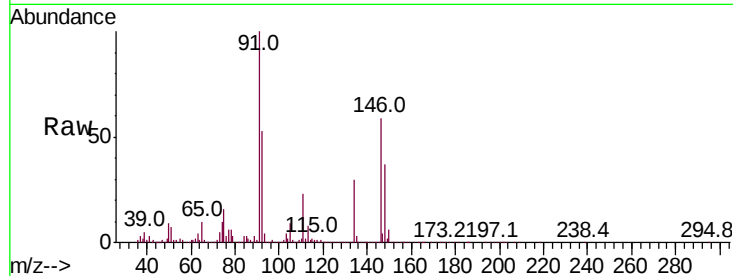
#89
n-Butylbenzene
Concen: 50.217 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX006306.D
Acq: 05 Dec 2018 17:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1209066
Ion Ratio Lower Upper
91 100
92 53.2 26.6 79.8
134 29.0 14.8 44.3

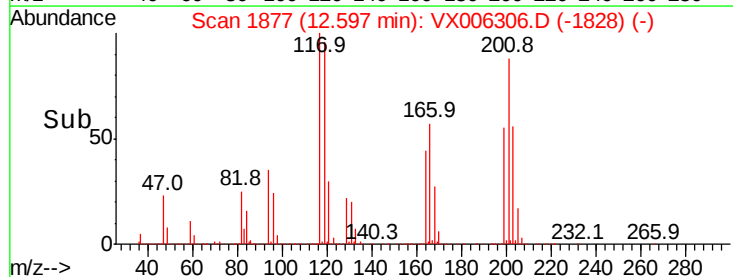
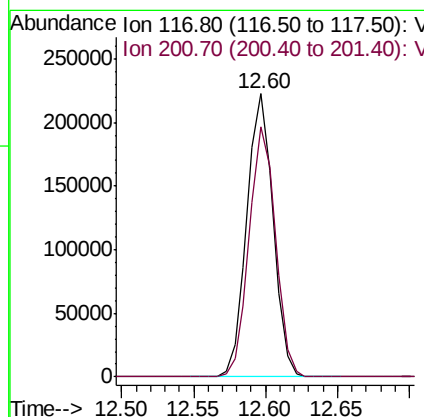
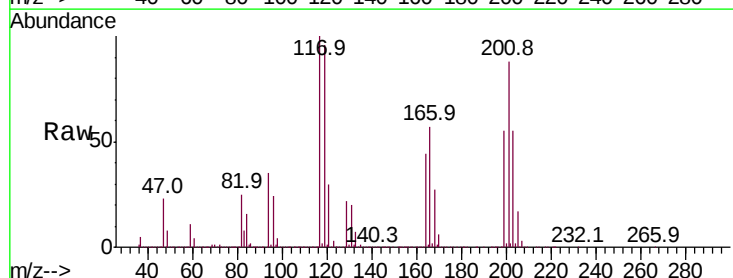
Manual Integrations
APPROVED

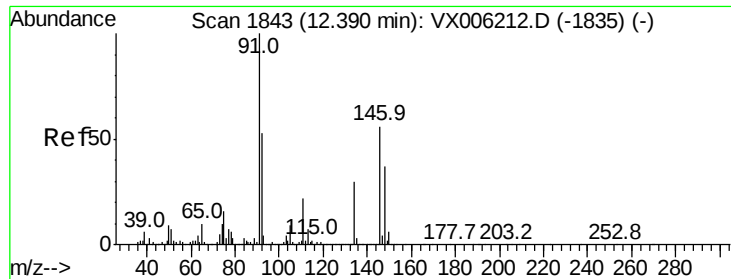
MMDadoda
12/7/2018 10:42:13 AM



#90
Hexachloroethane
Concen: 48.704 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006306.D
Acq: 05 Dec 2018 17:44

Tgt Ion: 117 Resp: 280103
Ion Ratio Lower Upper
117 100
201 88.6 44.7 134.1





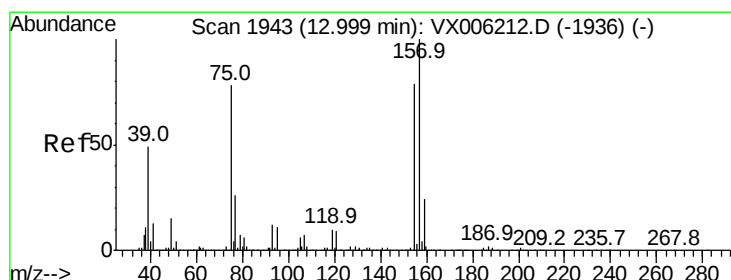
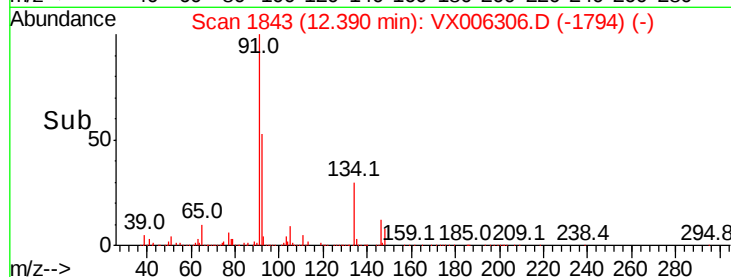
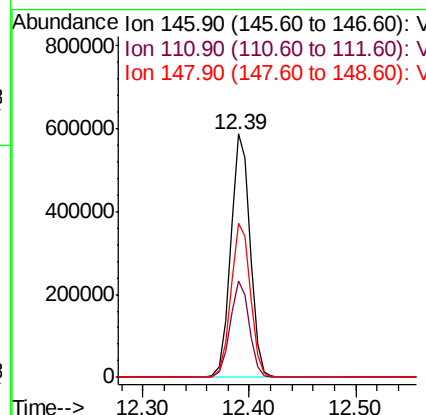
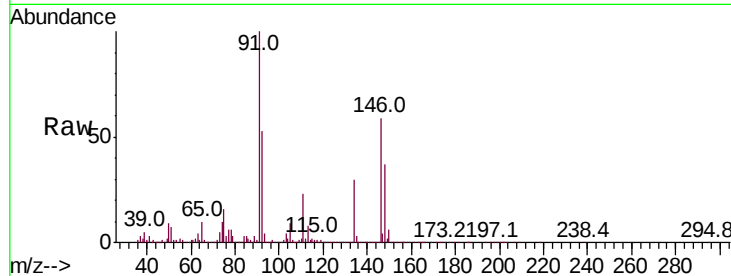
#91
 1,2-Dichlorobenzene
 Concen: 49.016 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX006306.D
 Acq: 05 Dec 2018 17:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.1	57.3
148	63.9	32.1	96.3

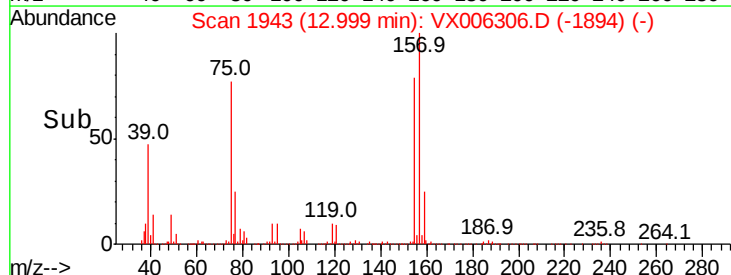
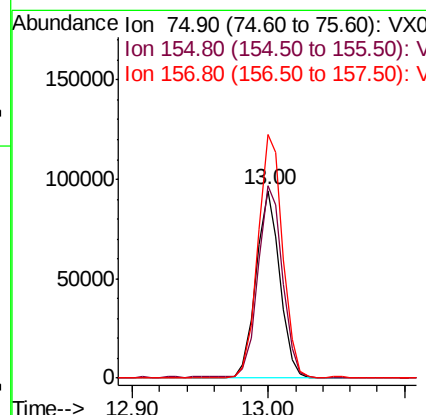
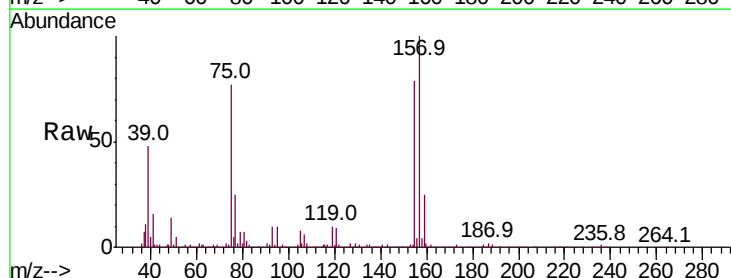
Manual Integrations
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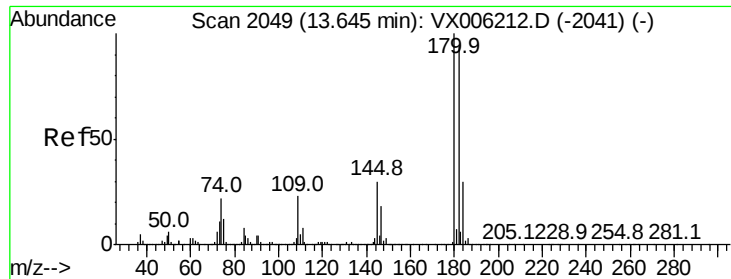
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 12/7/2018 10:42:13 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.709 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX006306.D
 Acq: 05 Dec 2018 17:44

Tgt Ion	Ratio	Lower	Upper
75	100		
155	105.6	53.4	160.3
157	133.9	68.0	203.8





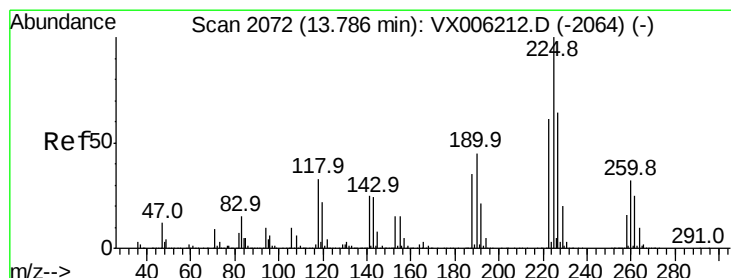
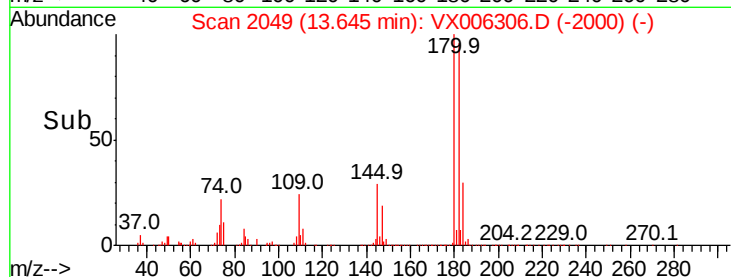
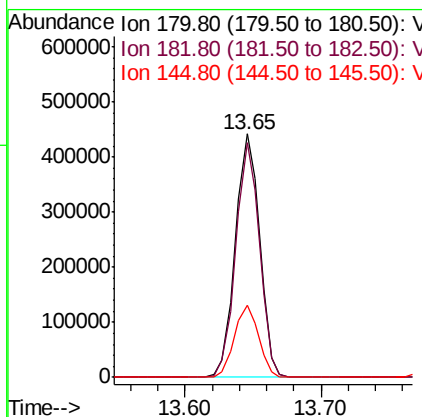
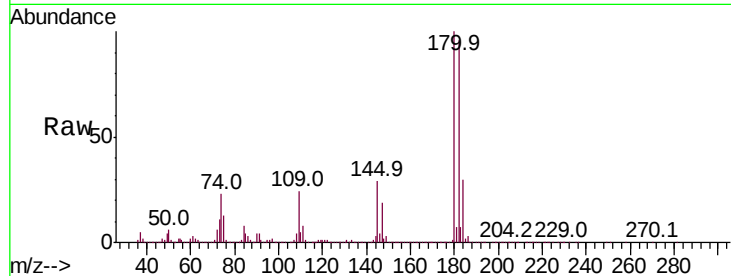
#93
 1,2,4-Trichlorobenzene
 Concen: 49.461 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX006306.D
 Acq: 05 Dec 2018 17:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	180	Resp:	548728
Ion Ratio	Lower	Upper	
180	100		
182	94.3	47.3	141.9
145	29.3	14.6	43.8

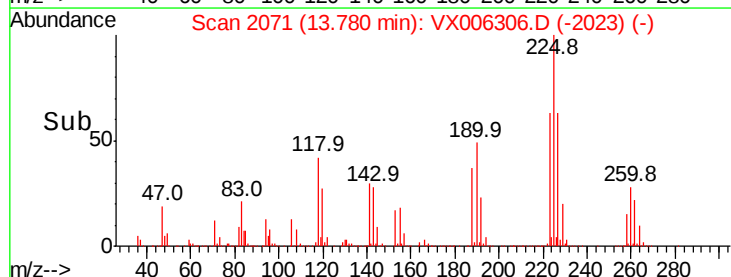
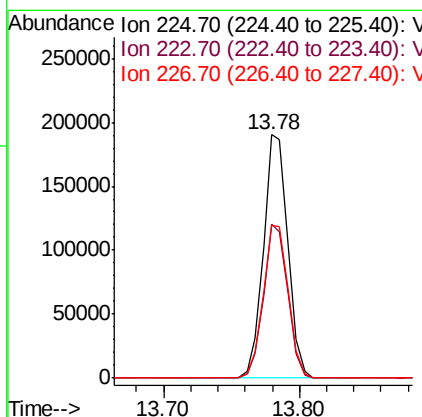
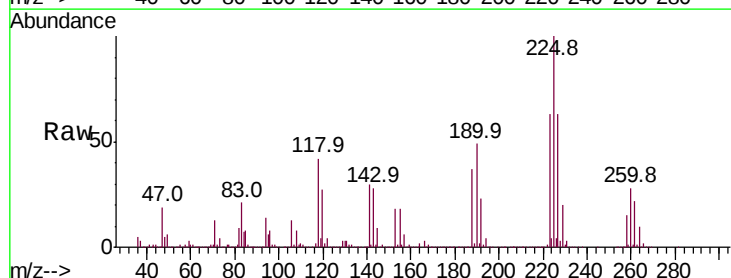
Manual Integrations
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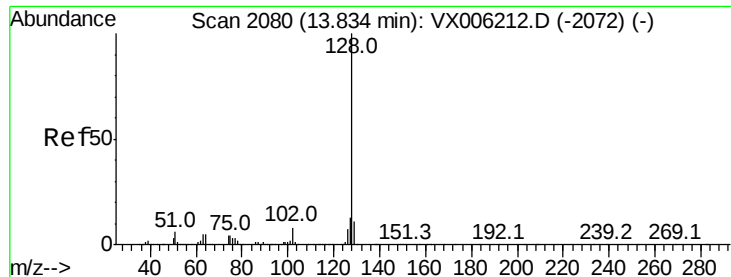
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 12/7/2018 10:42:13 AM



#94
 Hexachlorobutadiene
 Concen: 49.070 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VX006306.D
 Acq: 05 Dec 2018 17:44

Tgt Ion:	225	Resp:	240753
Ion Ratio	Lower	Upper	
225	100		
223	62.6	31.2	93.6
227	64.5	31.9	95.5





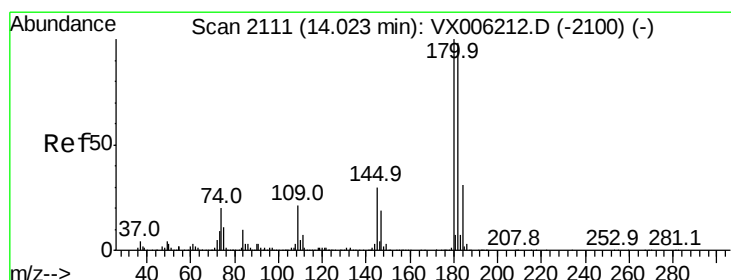
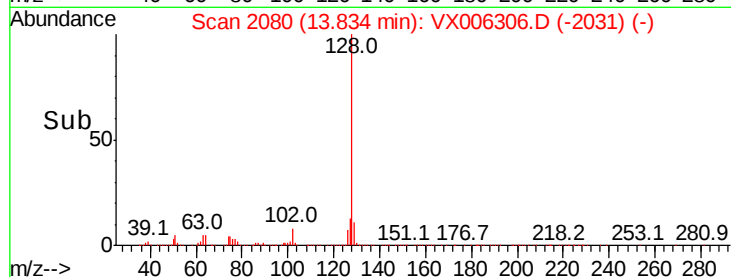
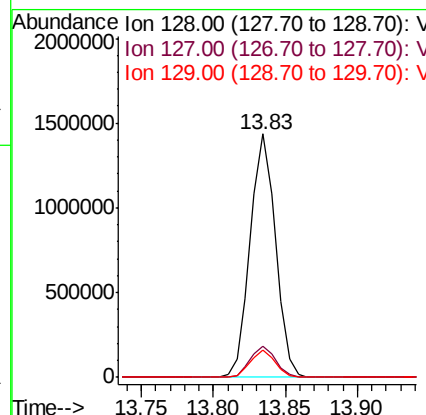
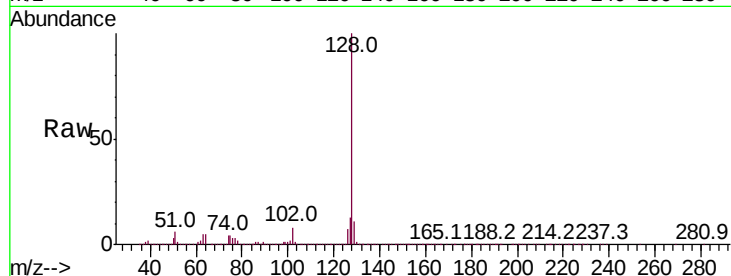
#95
Naphthalene
Concen: 50.643 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX006306.D
Acq: 05 Dec 2018 17:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.4
129	10.8	8.9	13.3

Manual Integrations
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12/7/2018 10:42:13 AM



#96
1,2,3-Trichlorobenzene
Concen: 49.884 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. 0.00 min
Lab File: VX006306.D
Acq: 05 Dec 2018 17:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	48.4	145.2
145	31.3	15.6	46.8

