

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120518\
 Data File : VX006290.D
 Acq On : 05 Dec 2018 10:20
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 12/7/2018 10:41:46 AM

Quant Time: Dec 06 00:23:06 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	5.66	168	743188	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1094324	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	960487	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	501639	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	393610	51.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.76%	
35) Dibromofluoromethane	5.50	113	378874	53.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.94%	
50) Toluene-d8	8.71	98	1334437	51.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.56%	
62) 4-Bromofluorobenzene	11.13	95	502076	51.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	402545	55.319	ug/l	98
3) Chloromethane	1.33	50	357064	47.749	ug/l	98
4) Vinyl Chloride	1.41	62	393705	48.919	ug/l	99
5) Bromomethane	1.64	94	249387	44.712	ug/l	98
6) Chloroethane	1.71	64	249446	50.550	ug/l	99
7) Trichlorofluoromethane	1.93	101	627227	50.771	ug/l	100
8) Diethyl Ether	2.19	74	232986	49.830	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	367583	52.326	ug/l	99
10) Methyl Iodide	2.51	142	416408	39.333	ug/l	98
11) Tert butyl alcohol	3.07	59	455697	219.633	ug/l	99
12) 1,1-Dichloroethene	2.37	96	336184	49.991	ug/l	95
13) Acrolein	2.29	56	259477	228.813	ug/l	100
14) Allyl chloride	2.73	41	623727	46.952	ug/l	99
15) Acrylonitrile	3.15	53	1011741	233.679	ug/l	100
16) Acetone	2.45	43	783396	220.029	ug/l	98
17) Carbon Disulfide	2.57	76	960364	46.345	ug/l	100
18) Methyl Acetate	2.78	43	574303	48.233	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	1170566	48.794	ug/l	98
20) Methylene Chloride	2.85	84	361551	47.714	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	356250	49.711	ug/l	93
22) Diisopropyl ether	3.87	45	1064899	51.322	ug/l	97
23) Vinyl Acetate	3.82	43	4442460	251.022	ug/l	99
24) 1,1-Dichloroethane	3.70	63	629421	53.072	ug/l	98
25) 2-Butanone	4.70	43	1197958	235.809	ug/l	100
26) 2,2-Dichloropropane	4.58	77	579184	52.916	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	419982	52.539	ug/l	98
28) Bromochloromethane	5.02	49	276784	53.430	ug/l	98
29) Tetrahydrofuran	5.15	42	834413	236.328	ug/l	98
30) Chloroform	5.21	83	644448	51.708	ug/l	98
31) Cyclohexane	5.57	56	555247	50.660	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	611219	51.544	ug/l	100
36) 1,1-Dichloropropene	5.80	75	485724	52.708	ug/l	99
37) Ethyl Acetate	4.85	43	492723	47.745	ug/l	98
38) Carbon Tetrachloride	5.78	117	565167	52.132	ug/l	97

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	646230	54.024	ug/l	98
40) Benzene	6.14	78	1441406	52.224	ug/l	97
41) Methacrylonitrile	5.06	41	274074	48.264	ug/l	100
42) 1,2-Dichloroethane	6.20	62	471446	52.190	ug/l	99
43) Isopropyl Acetate	6.46	43	834469	48.498	ug/l	99
44) Trichloroethene	7.21	130	440896	52.730	ug/l	96
45) 1,2-Dichloropropane	7.51	63	357979	51.032	ug/l	97
46) Dibromomethane	7.66	93	263055	51.923	ug/l	99
47) Bromodichloromethane	7.90	83	517373	52.734	ug/l	100
48) Methyl methacrylate	7.77	41	406810	48.599	ug/l	98
49) 1,4-Dioxane	7.75	88	199869	968.789	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	2407733	240.375	ug/l	99
52) Toluene	8.78	92	928831	51.152	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	576921	50.281	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	610312	51.225	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	383287	51.957	ug/l	98
56) Ethyl methacrylate	9.18	69	575605	49.911	ug/l	98
57) 1,3-Dichloropropane	9.37	76	603792	51.760	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	1466282	250.551	ug/l	99
59) 2-Hexanone	9.49	43	1791039	234.040	ug/l	98
60) Dibromochloromethane	9.58	129	465562	51.180	ug/l	100
61) 1,2-Dibromoethane	9.67	107	418305	50.712	ug/l	99
64) Tetrachloroethene	9.34	164	381730	52.774	ug/l	99
65) Chlorobenzene	10.14	112	1086953	53.311	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	414147	52.279	ug/l	99
67) Ethyl Benzene	10.25	91	1807383	53.298	ug/l	100
68) m/p-Xylenes	10.36	106	1444695	106.355	ug/l	99
69) o-Xylene	10.70	106	705092	52.550	ug/l	100
70) Styrene	10.71	104	1147750	52.889	ug/l	99
71) Bromoform	10.86	173	376036	50.285	ug/l	100
73) Isopropylbenzene	11.02	105	1882846	54.351	ug/l	100
74) N-amyl acetate	10.90	43	722418	48.427	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	563286	50.825	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	534015m	55.153	ug/l	
77) Bromobenzene	11.26	156	506008	52.633	ug/l	99
78) n-propylbenzene	11.36	91	2118017	55.001	ug/l	100
79) 2-Chlorotoluene	11.42	91	1223327	53.449	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	1553589	53.900	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	204225	49.498	ug/l #	82
82) 4-Chlorotoluene	11.51	91	1425826	53.580	ug/l	100
83) tert-Butylbenzene	11.77	119	1652152	53.722	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1595790	53.617	ug/l	100
85) sec-Butylbenzene	11.94	105	1940231	55.456	ug/l	100
86) p-Isopropyltoluene	12.07	119	1742761	55.318	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	913382	53.393	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	913931	52.637	ug/l	99
89) n-Butylbenzene	12.39	91	1503678	55.939	ug/l	99
90) Hexachloroethane	12.60	117	343877	53.556	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	884174	52.079	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	132785	46.739	ug/l	98

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ClientSampleId :
VSTDCCC050

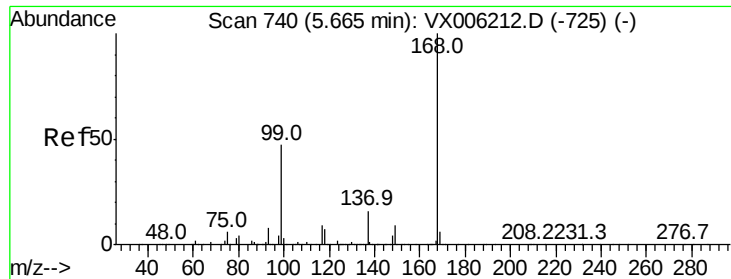
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	661476	53.404	ug/l	100
94) Hexachlorobutadiene	13.78	225	316255	57.735	ug/l	100
95) Naphthalene	13.83	128	1997815	51.852	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	648749	52.880	ug/l	99

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



#1

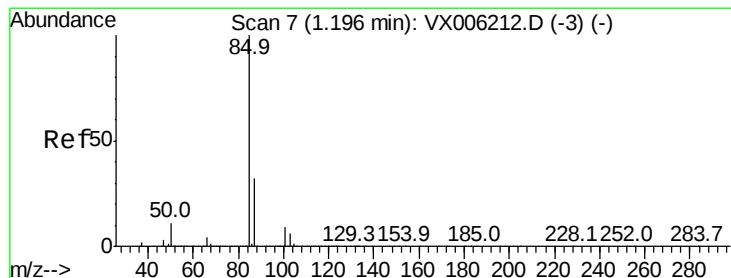
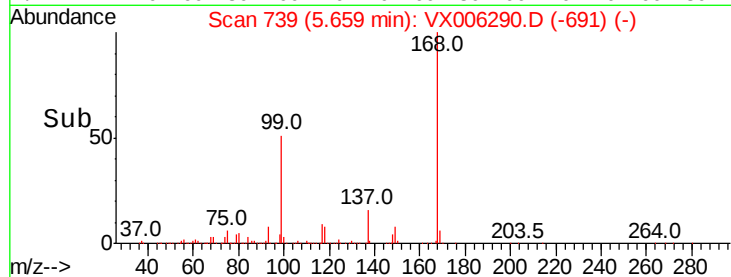
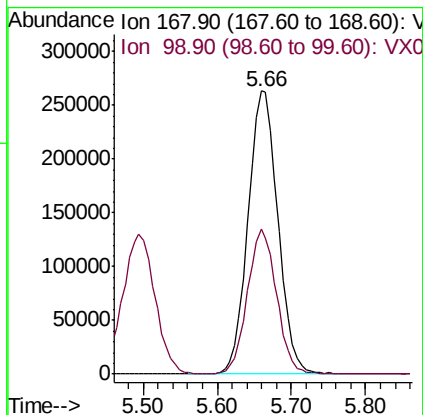
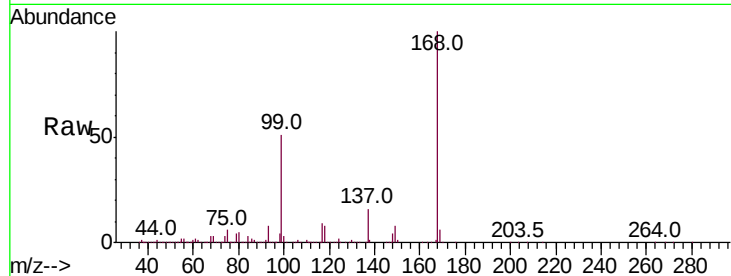
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: VX006290.D
 Acq: 05 Dec 2018 10:20

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
168	100		
99	51.2	37.8	56.8

Manual Integrations
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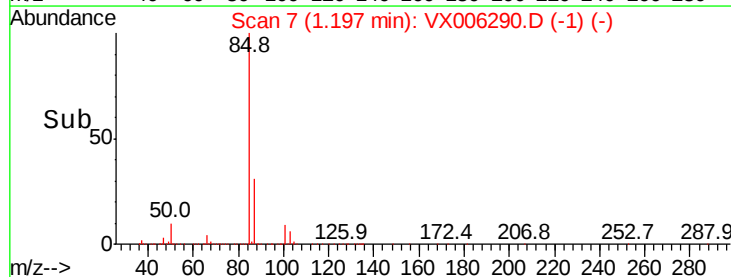
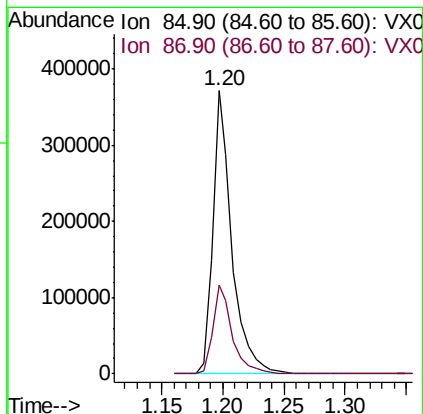
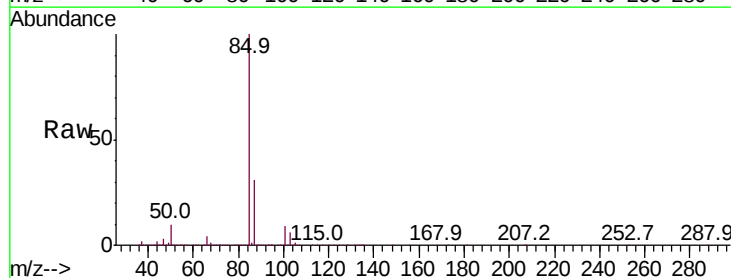
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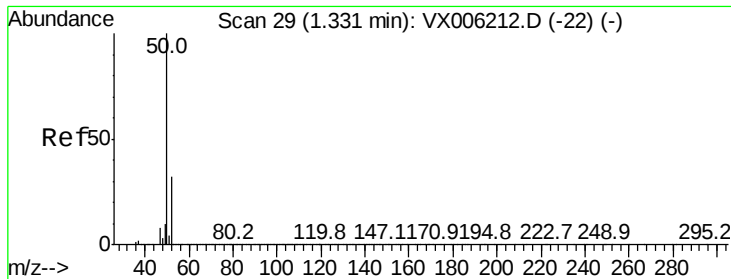


#2

Dichlorodifluoromethane
 Concen: 55.319 ug/l
 RT: 1.20 min Scan# 7
 Delta R.T. 0.00 min
 Lab File: VX006290.D
 Acq: 05 Dec 2018 10:20

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.2	16.1	48.2





#3

Chloromethane

Concen: 47.749 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX006290.D

Acq: 05 Dec 2018 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 357064

Ion Ratio Lower Upper

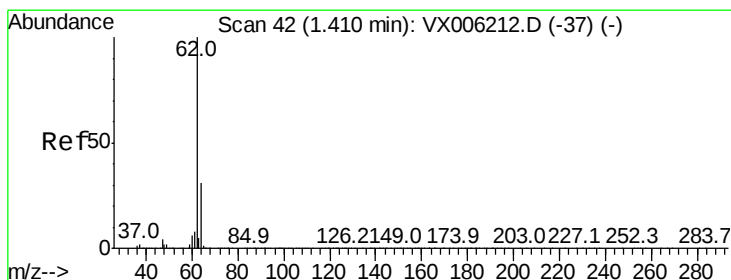
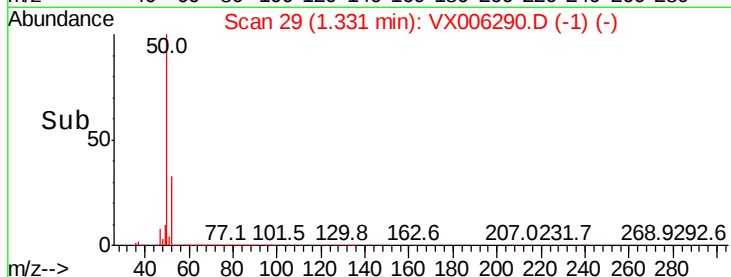
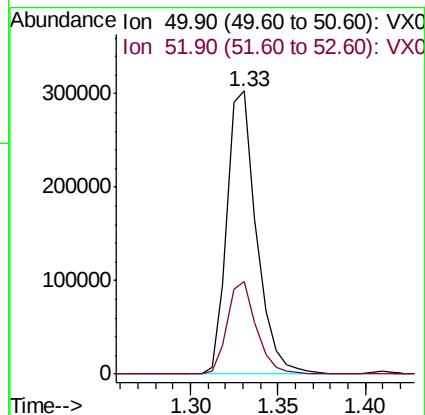
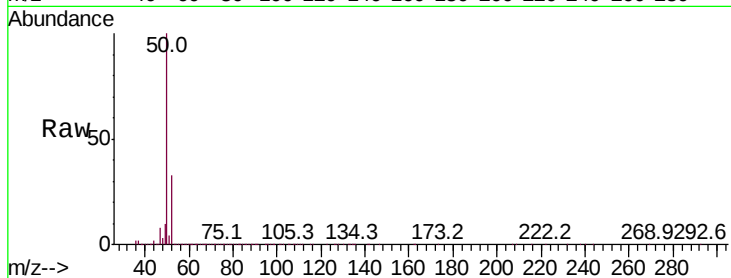
50 100

52 32.7 25.2 37.8

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#4

Vinyl Chloride

Concen: 48.919 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX006290.D

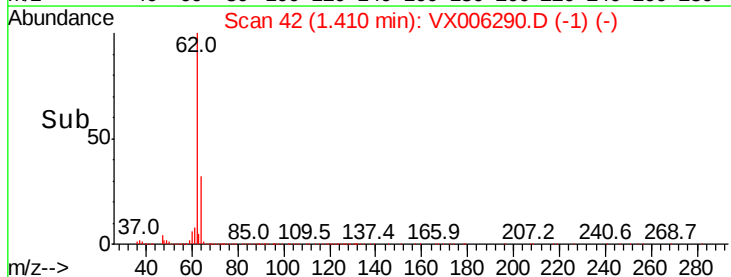
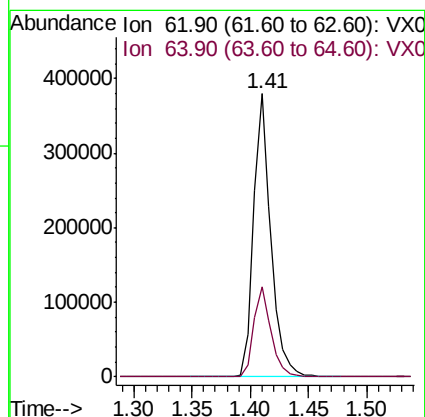
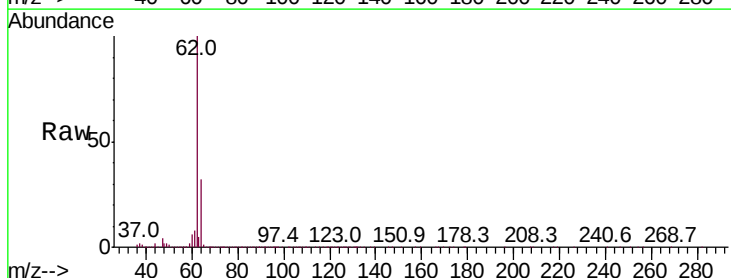
Acq: 05 Dec 2018 10:20

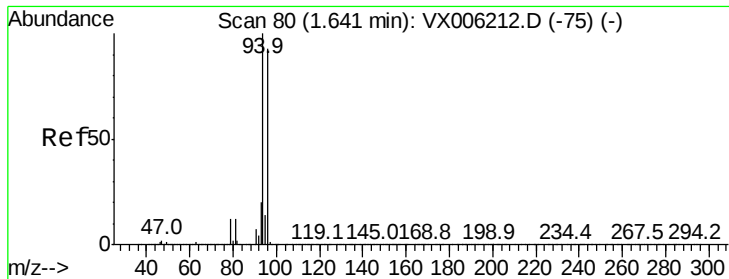
Tgt Ion: 62 Resp: 393705

Ion Ratio Lower Upper

62 100

64 31.9 24.9 37.3





#5

Bromomethane

Concen: 44.712 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006290.D

Acq: 05 Dec 2018 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 249387

Ion Ratio Lower Upper

94 100

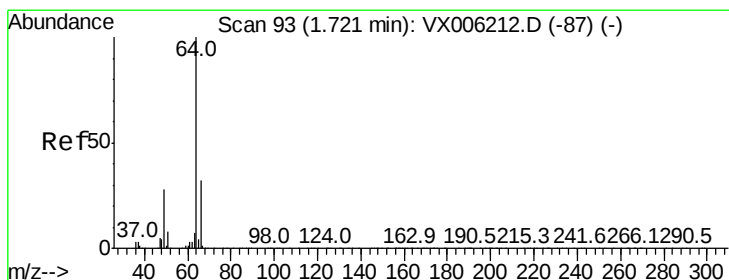
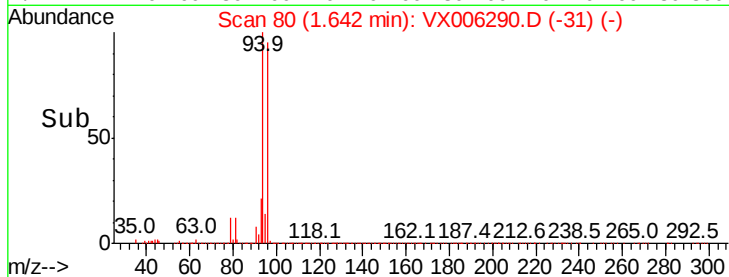
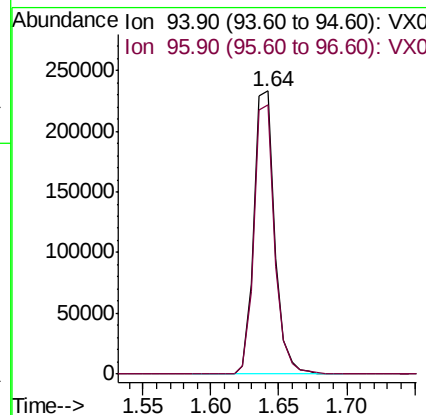
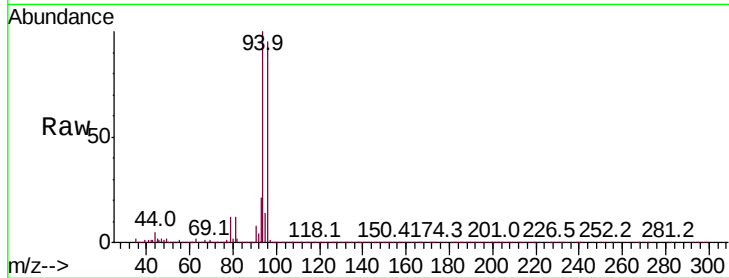
96 95.0 74.5 111.7

Manual Integrations

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#6

Chloroethane

Concen: 50.550 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX006290.D

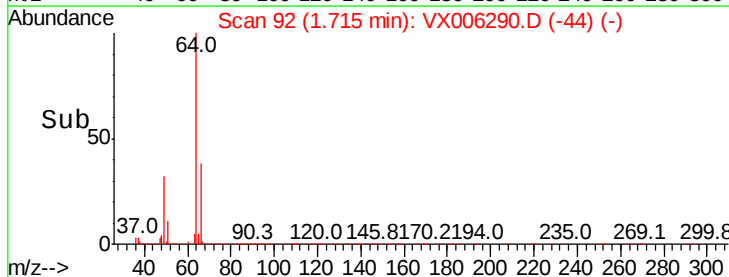
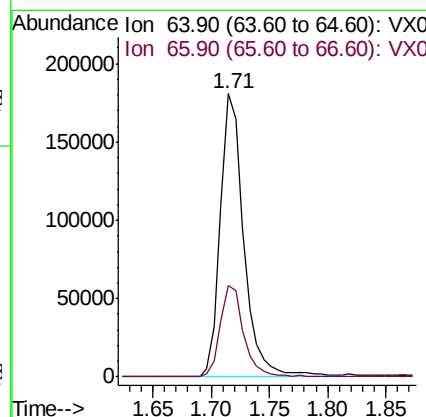
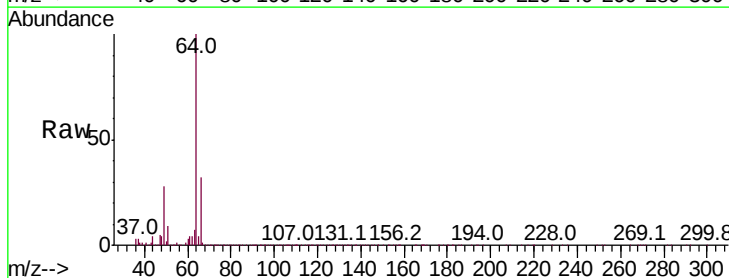
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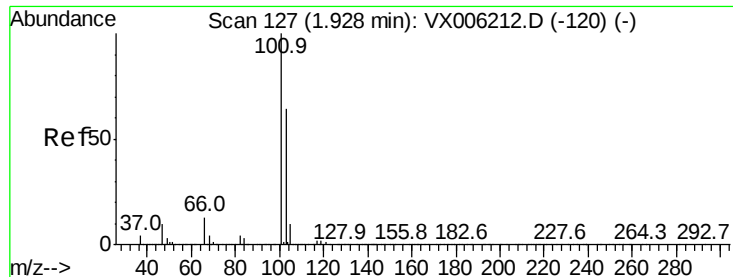
Tgt Ion: 64 Resp: 249446

Ion Ratio Lower Upper

64 100

66 32.1 25.9 38.9





#7

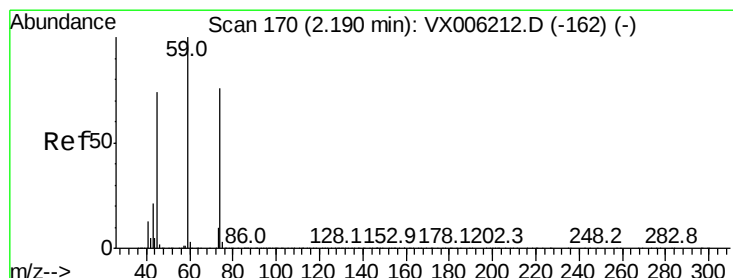
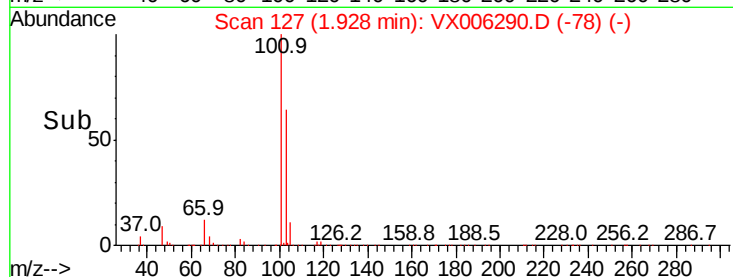
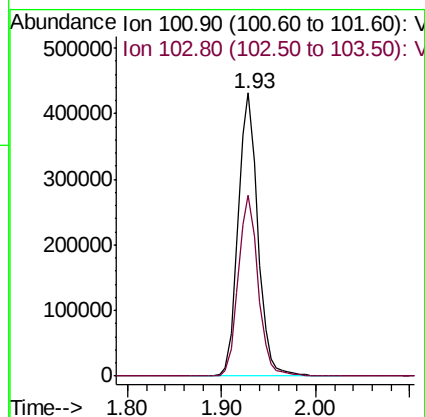
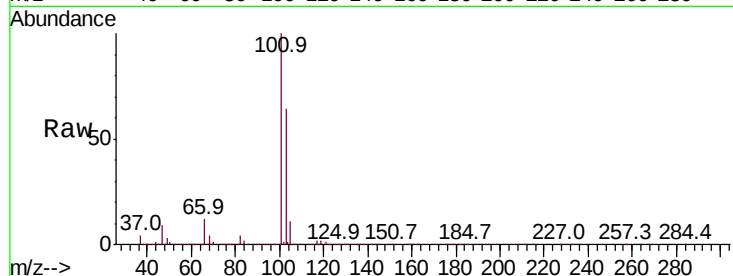
Trichlorofluoromethane
Concen: 50.771 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX006290.D
Acq: 05 Dec 2018 10:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.8	51.0	76.4

Manual Integrations
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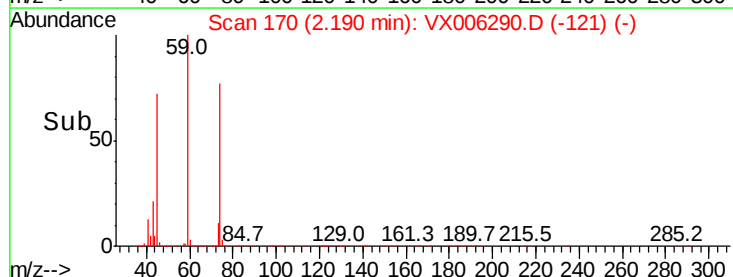
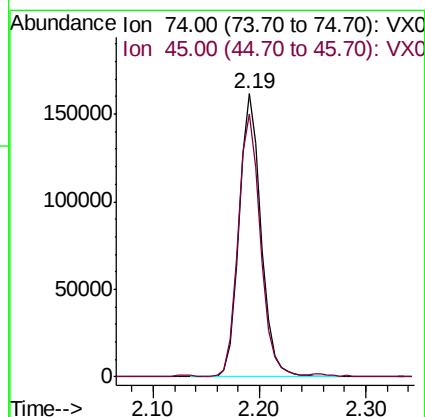
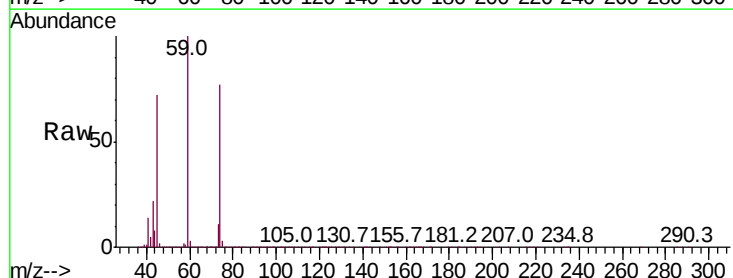
MMDadoda
12/7/2018 10:41:46 AM

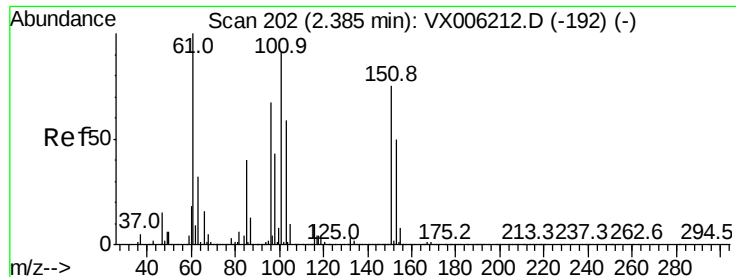


#8

Diethyl Ether
Concen: 49.830 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006290.D
Acq: 05 Dec 2018 10:20

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.0	49.5	148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.326 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX006290.D

Acq: 05 Dec 2018 10:20

Instrument :

MSVOA_X

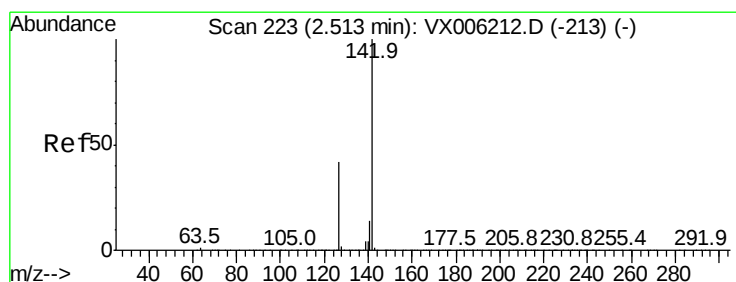
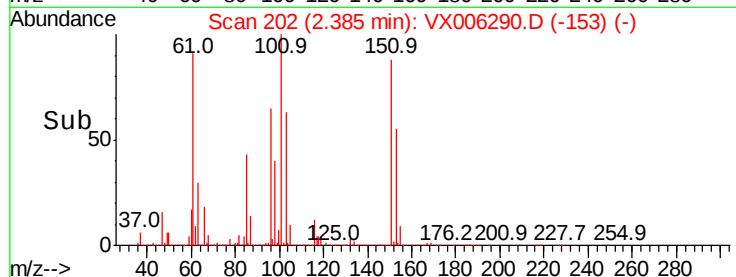
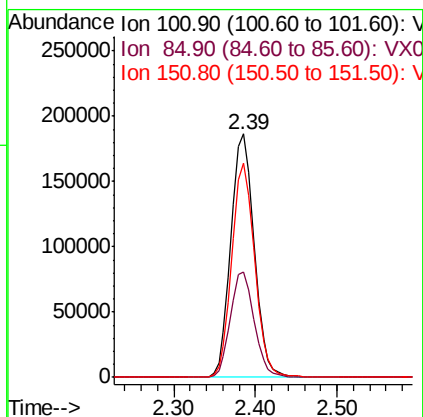
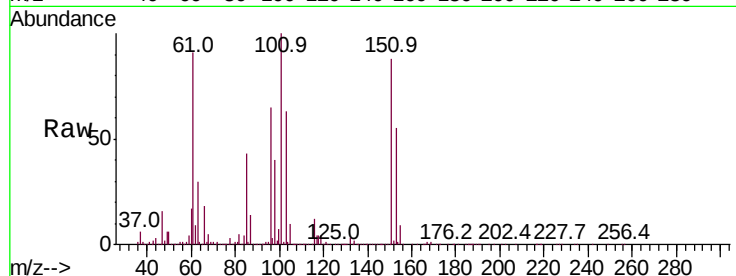
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	367583
Ion Ratio	Lower	Upper	
101	100		
85	43.6	35.5	53.3
151	86.0	68.6	103.0

Manual Integrations
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12/7/2018 10:41:46 AM



#10

Methyl Iodide

Concen: 39.333 ug/l

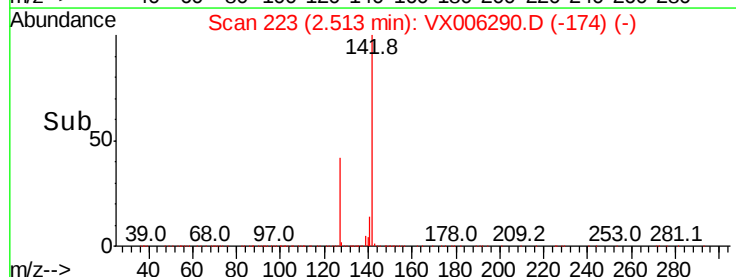
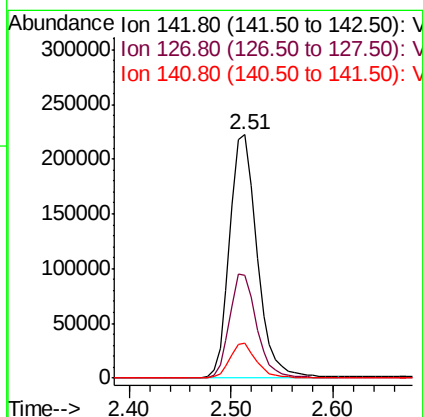
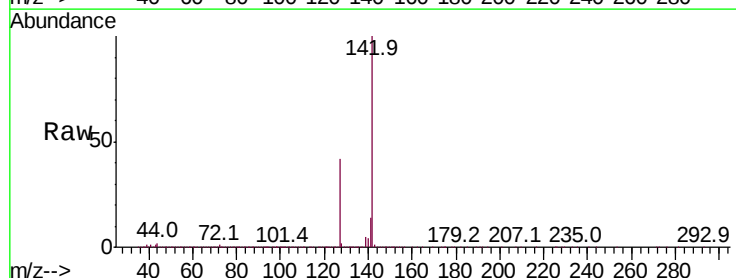
RT: 2.51 min Scan# 223

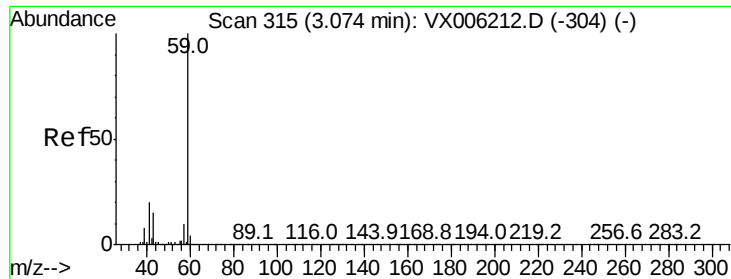
Delta R.T. 0.00 min

Lab File: VX006290.D

Acq: 05 Dec 2018 10:20

Tgt Ion:	142	Resp:	416408
Ion Ratio	Lower	Upper	
142	100		
127	42.4	34.8	52.2
141	14.0	11.4	17.2





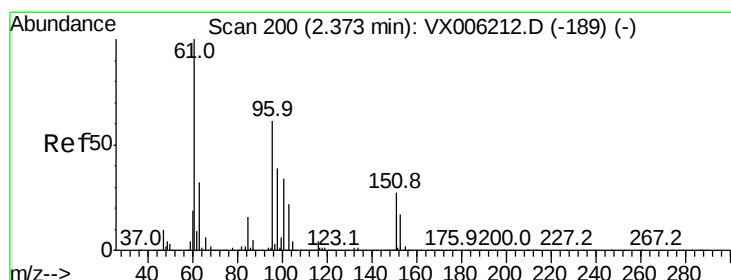
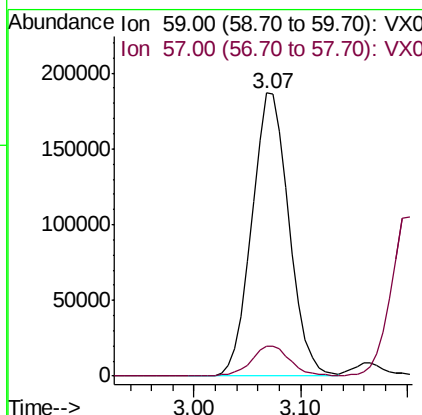
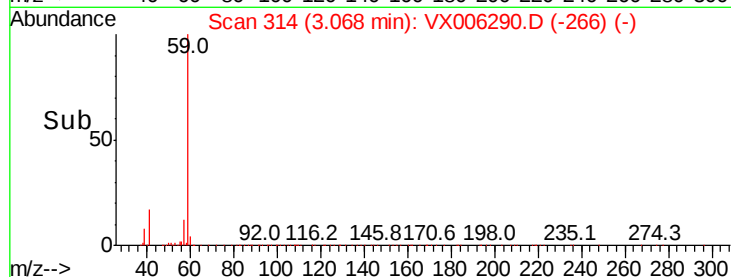
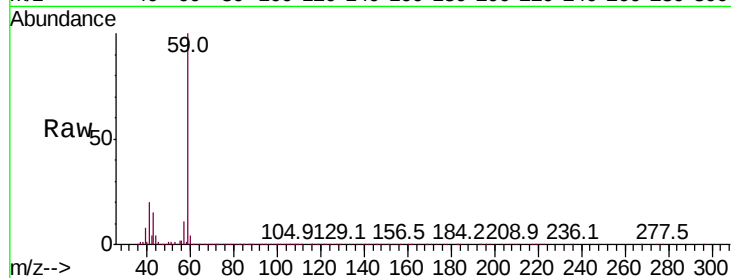
#11
Tert butyl alcohol
Concen: 219.633 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX006290.D
Acq: 05 Dec 2018 10:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.7	8.2	12.2

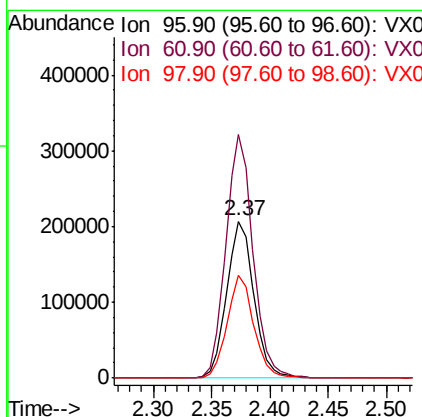
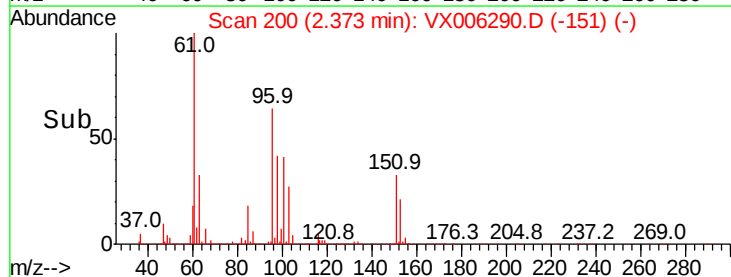
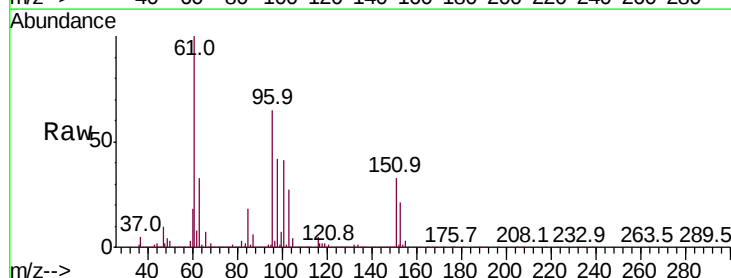
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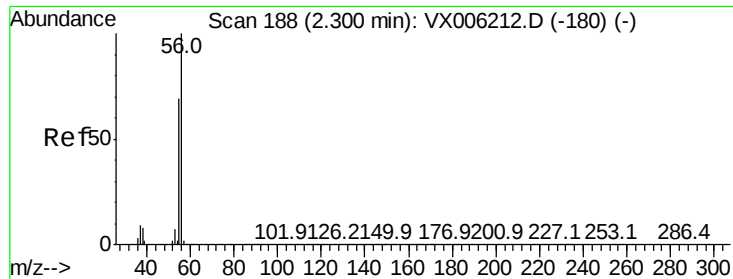
MMDadoda
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#12
1,1-Dichloroethene
Concen: 49.991 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX006290.D
Acq: 05 Dec 2018 10:20

Tgt Ion	Ratio	Lower	Upper
96	100		
61	155.0	131.7	197.5
98	65.2	51.8	77.6





#13

Acrolein

Concen: 228.813 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.01 min

Lab File: VX006290.D

Acq: 05 Dec 2018 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 259477

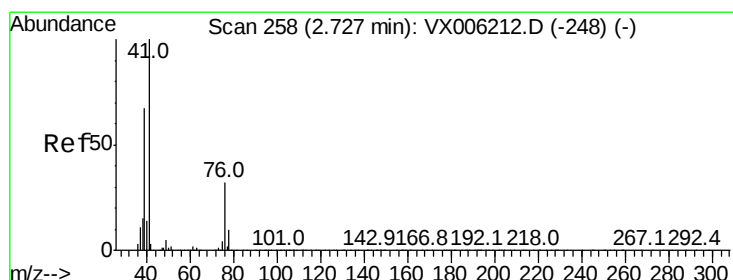
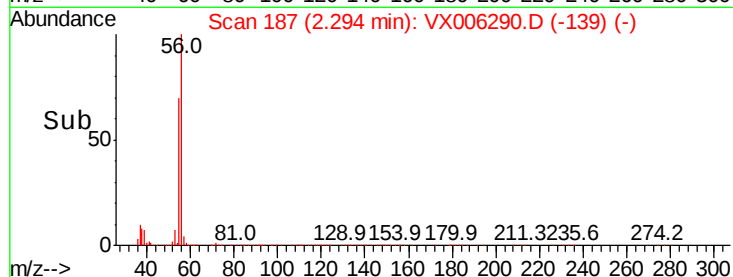
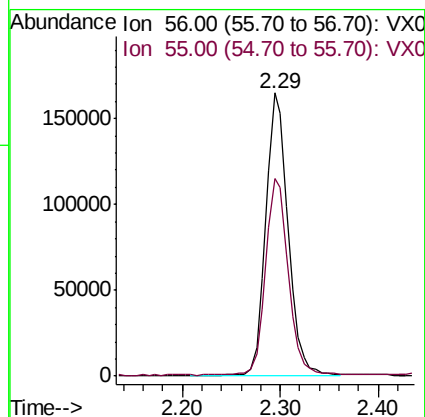
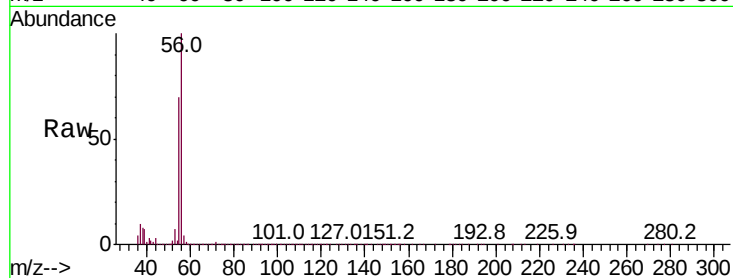
Ion Ratio Lower Upper

56 100

55 71.9 57.8 86.6

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#14

Allyl chloride

Concen: 46.952 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX006290.D

Acq: 05 Dec 2018 10:20

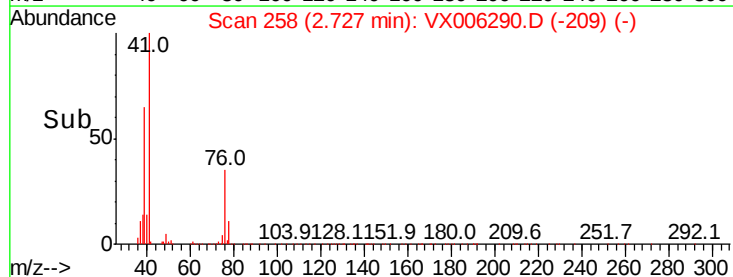
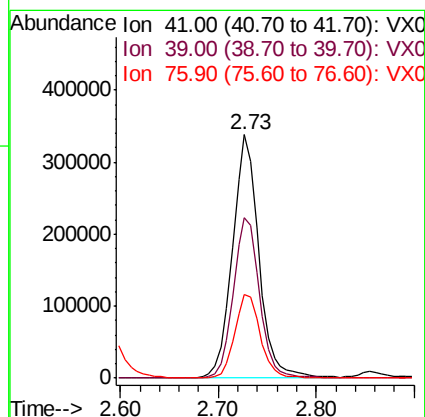
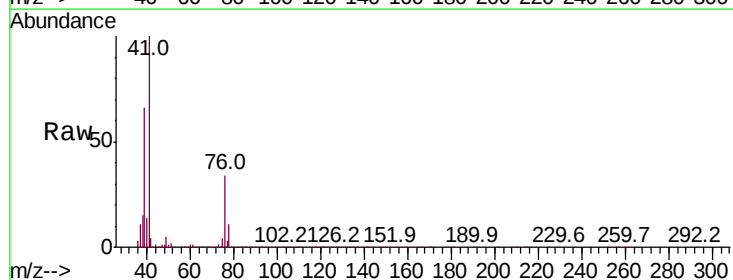
Tgt Ion: 41 Resp: 623727

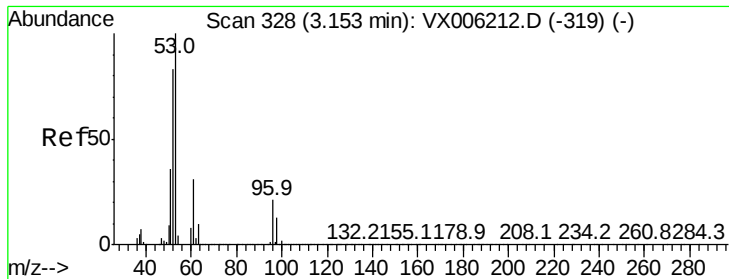
Ion Ratio Lower Upper

41 100

39 65.5 52.4 78.6

76 33.6 25.4 38.0





#15

Acrylonitrile

Concen: 233.679 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX006290.D

Acq: 05 Dec 2018 10:20

Instrument :

MSVOA_X

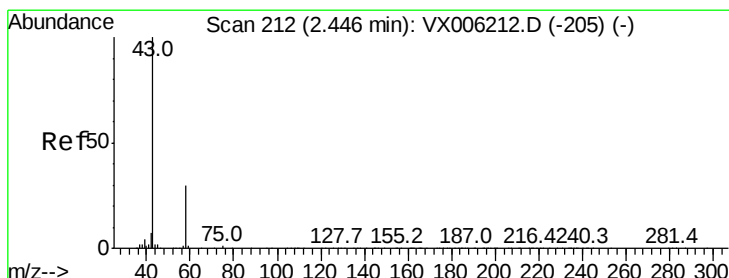
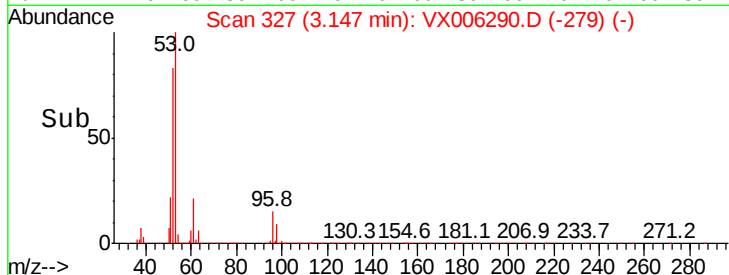
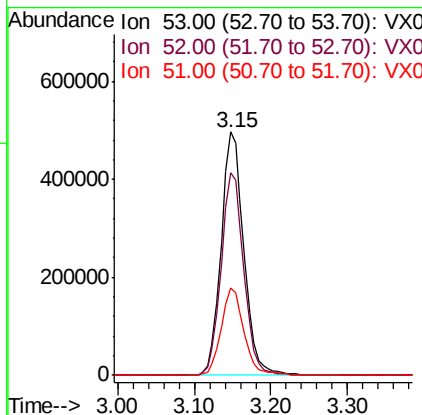
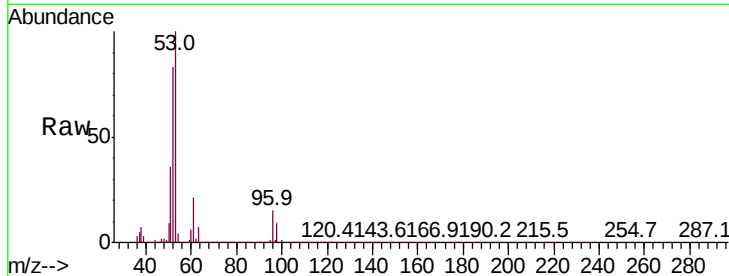
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	1011741
Ion	Ratio	Lower	Upper
53	100		
52	83.1	66.2	99.4
51	36.1	28.7	43.1

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#16

Acetone

Concen: 220.029 ug/l

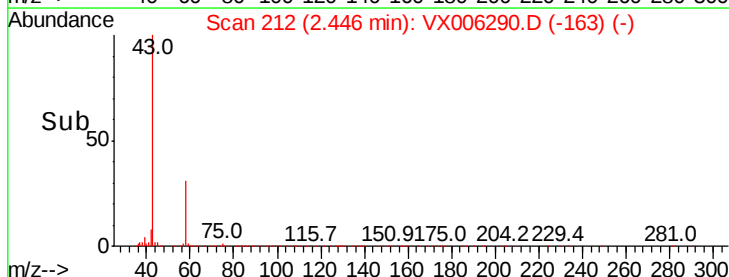
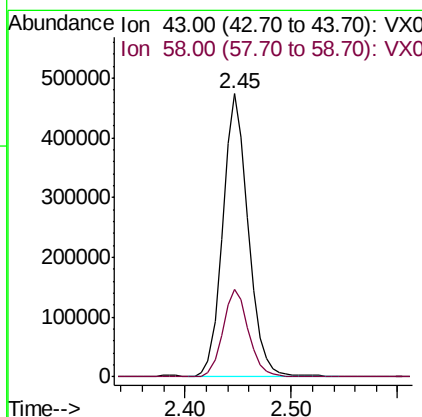
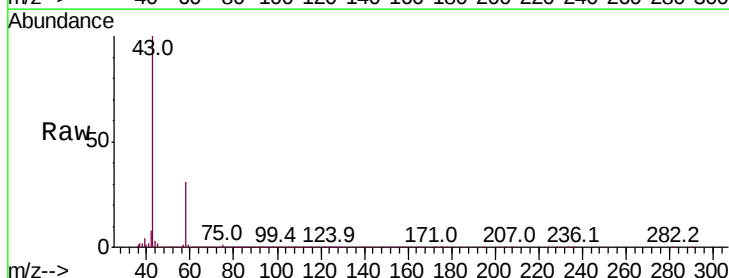
RT: 2.45 min Scan# 212

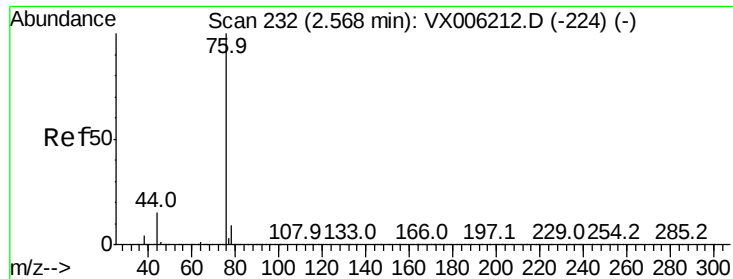
Delta R.T. 0.00 min

Lab File: VX006290.D

Acq: 05 Dec 2018 10:20

Tgt Ion:	43	Resp:	783396
Ion	Ratio	Lower	Upper
43	100		
58	30.8	24.0	36.0





#17

Carbon Disulfide

Concen: 46.345 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX006290.D

Acq: 05 Dec 2018 10:20

Tot Ion: 76 Resp: 960364

Ion Ratio Lower Upper

76 100

78 9.1 7.1 10.7

Instrument :

MSVOA_X

ClientSampleId :

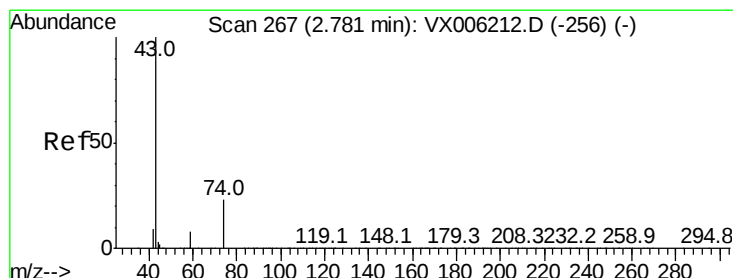
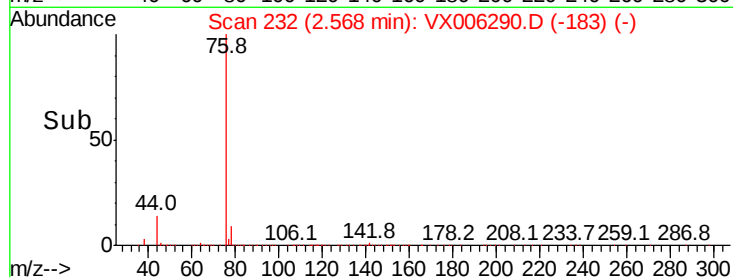
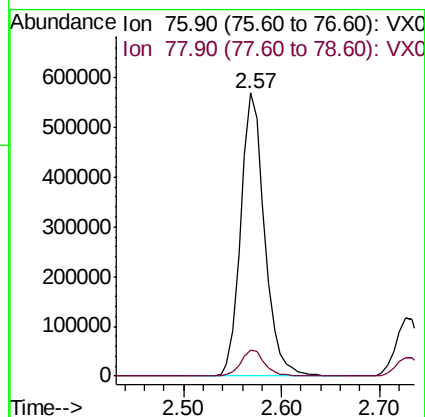
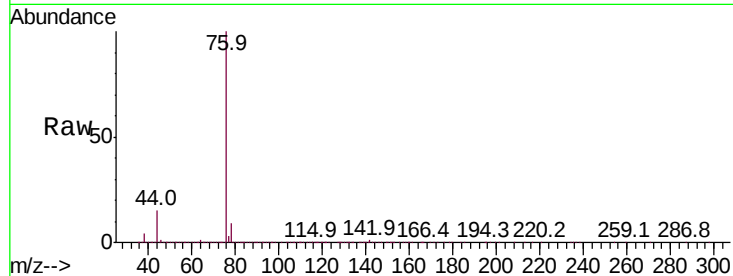
VSTDCCC050

Manual Integrations

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#18

Methyl Acetate

Concen: 48.233 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX006290.D

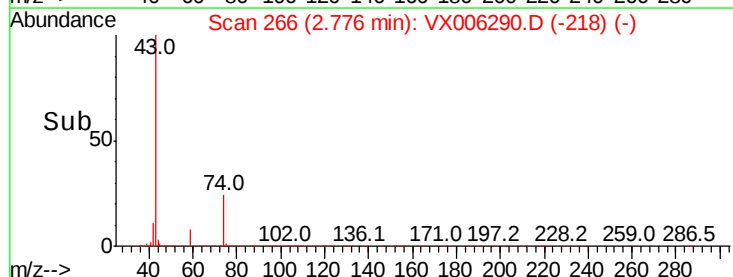
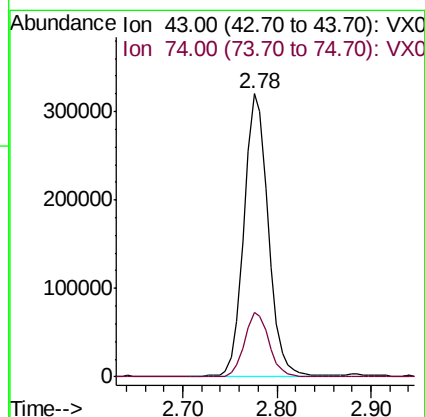
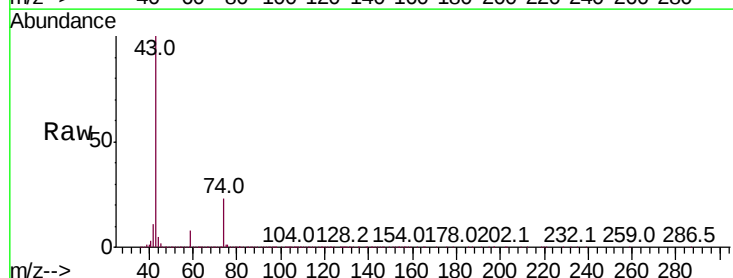
Acq: 05 Dec 2018 10:20

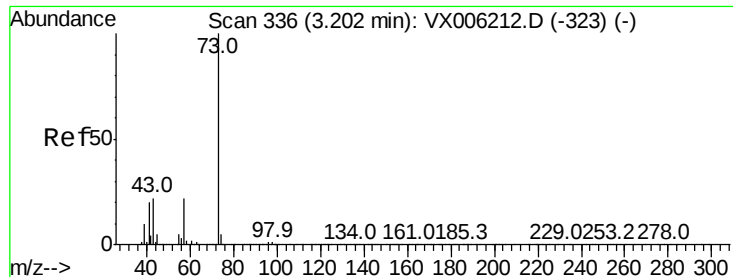
Tgt Ion: 43 Resp: 574303

Ion Ratio Lower Upper

43 100

74 23.2 17.9 26.9





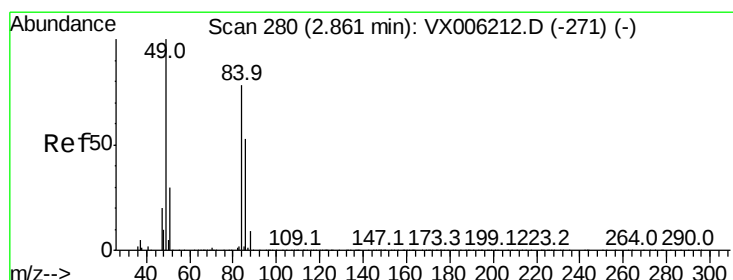
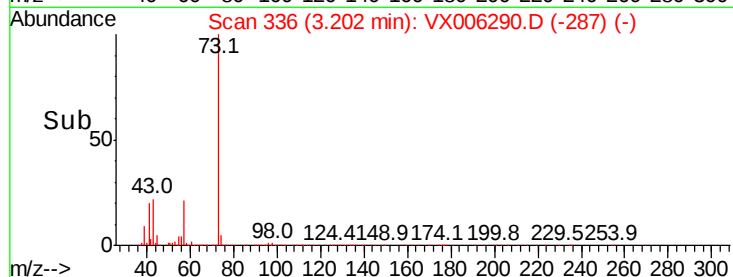
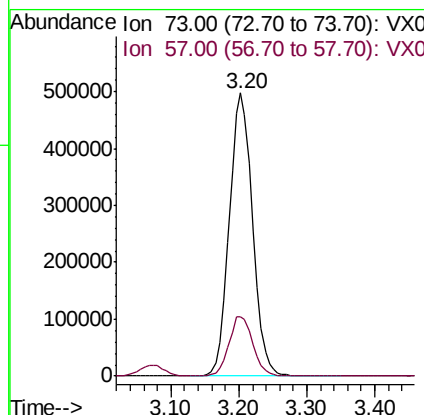
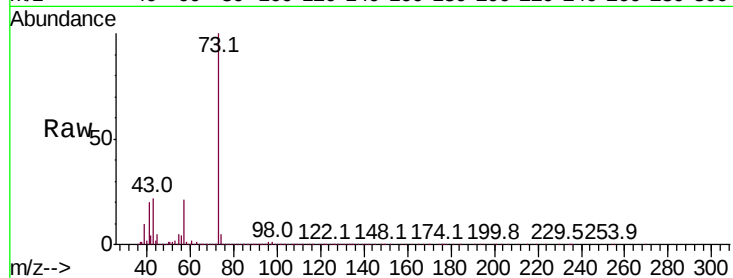
#19
Methvl tert-butvl Ether
Concen: 48.794 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX006290.D
Acq: 05 Dec 2018 10:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 1170566
Ion Ratio Lower Upper
73 100
57 21.2 17.5 26.3

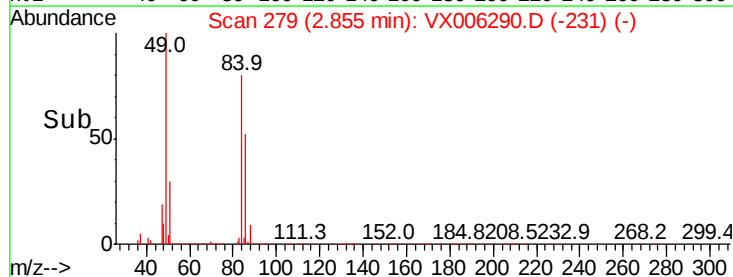
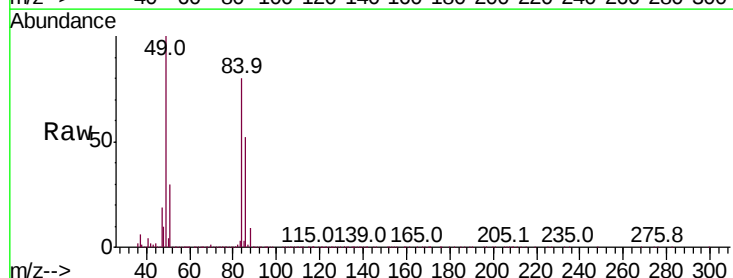
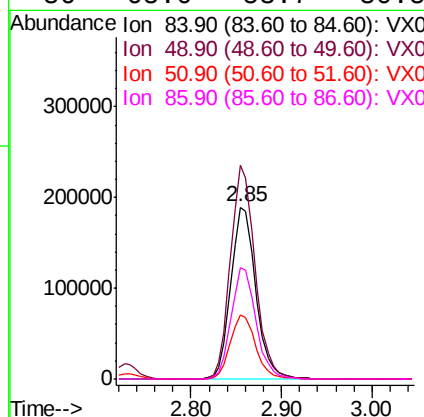
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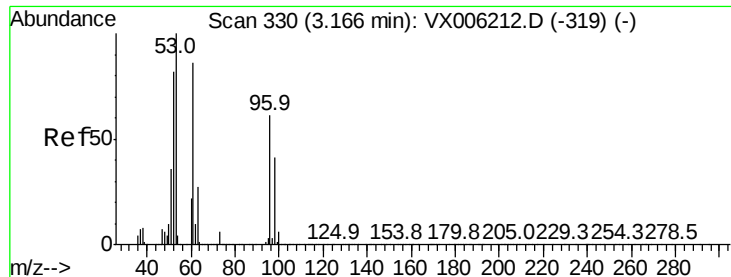
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#20
Methylene Chloride
Concen: 47.714 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX006290.D
Acq: 05 Dec 2018 10:20

Tgt Ion: 84 Resp: 361551
Ion Ratio Lower Upper
84 100
49 124.5 102.2 153.4
51 37.2 31.1 46.7
86 65.0 53.7 80.5





#21

trans-1,2-Dichloroethene

Concen: 49.711 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX006290.D

Acq: 05 Dec 2018 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 356250

Ion Ratio Lower Upper

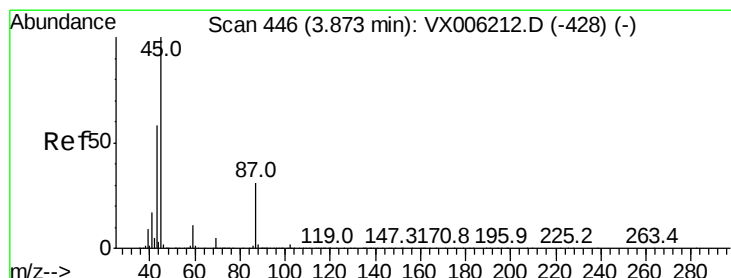
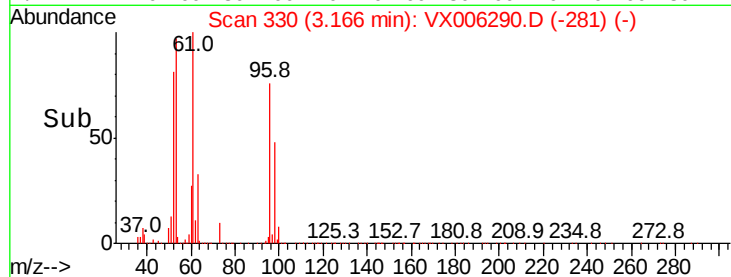
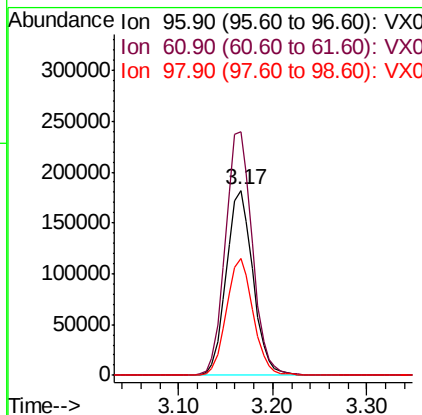
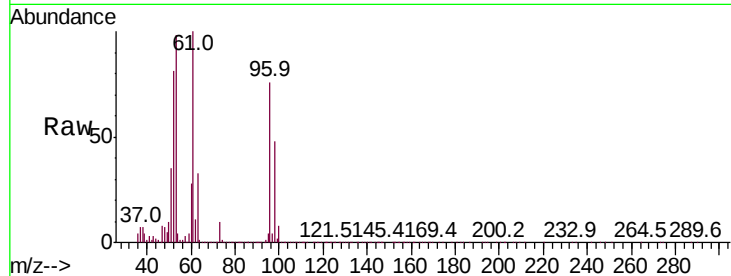
96 100

61 131.6 113.3 169.9

98 63.3 53.2 79.8

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12/7/2018 10:41:46 AM



#22

Diisopropyl ether

Concen: 51.322 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.01 min

Lab File: VX006290.D

Acq: 05 Dec 2018 10:20

Tgt Ion: 45 Resp: 1064899

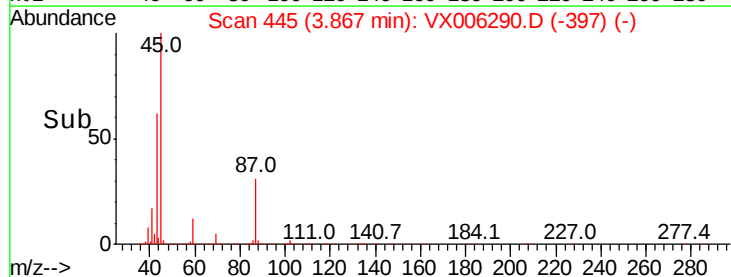
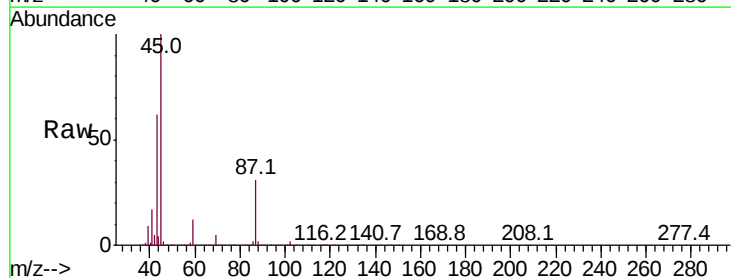
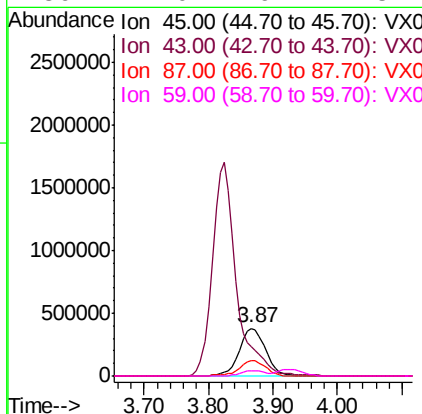
Ion Ratio Lower Upper

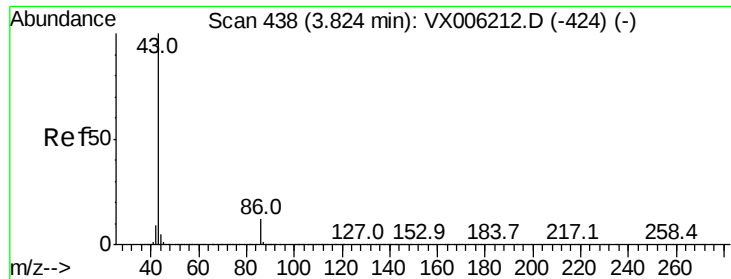
45 100

43 61.3 46.2 69.2

87 31.2 24.9 37.3

59 12.0 9.1 13.7





#23

Vinyl Acetate

Concen: 251.022 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX006290.D

Acq: 05 Dec 2018 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 4442460

Ion Ratio Lower Upper

43 100

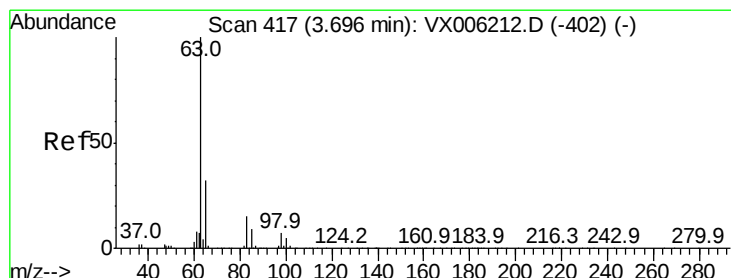
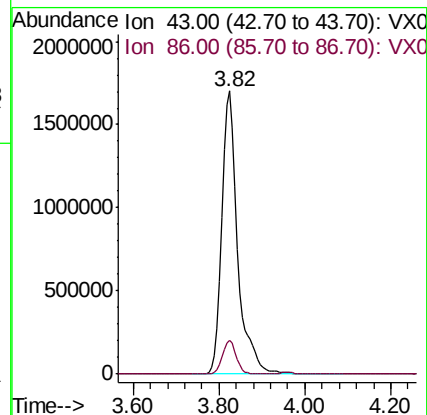
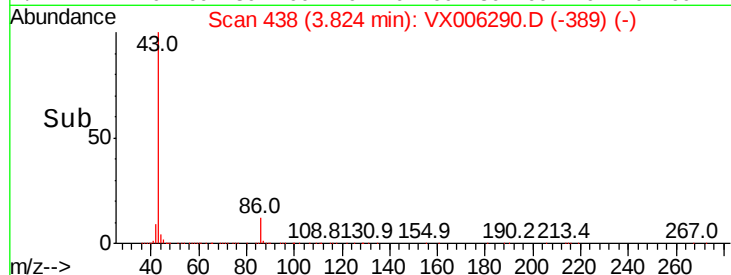
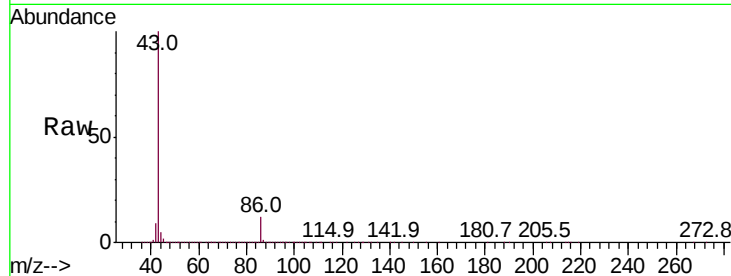
86 12.0 9.4 14.0

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12/7/2018 10:41:46 AM



#24

1,1-Dichloroethane

Concen: 53.072 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX006290.D

Acq: 05 Dec 2018 10:20

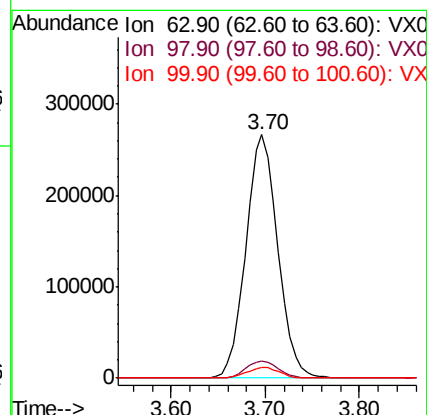
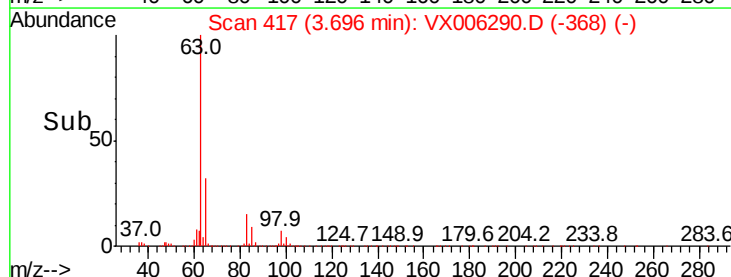
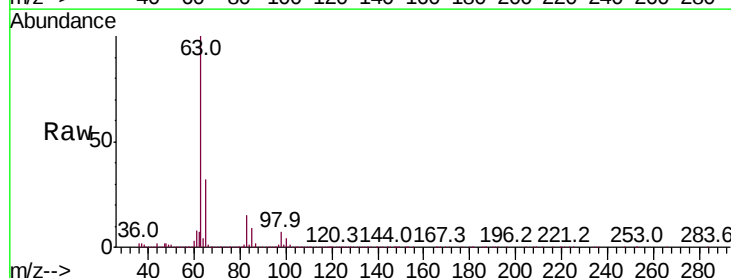
Tgt Ion: 63 Resp: 629421

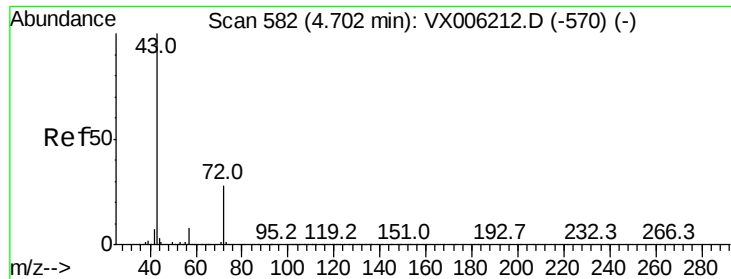
Ion Ratio Lower Upper

63 100

98 6.9 3.8 11.4

100 4.1 2.5 7.4





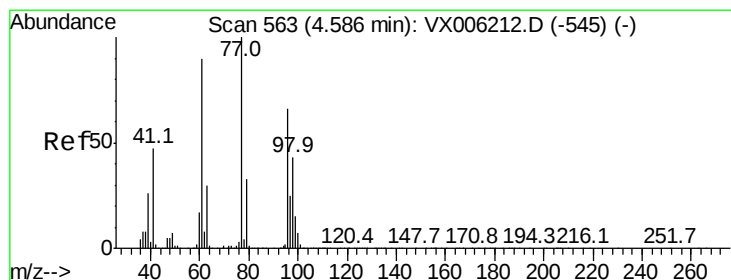
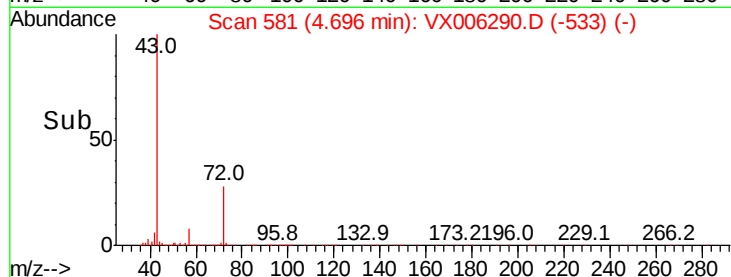
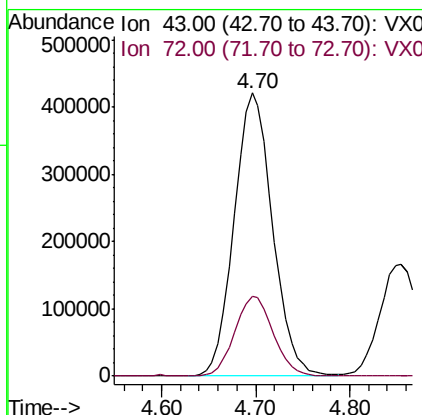
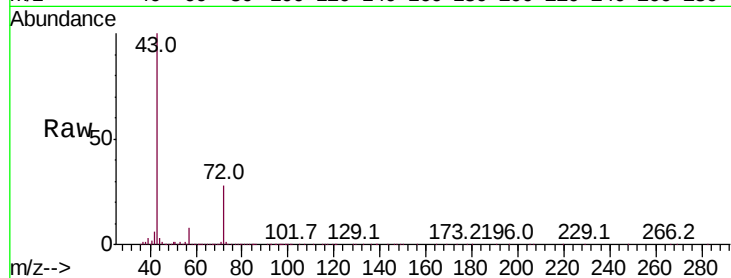
#25
2-Butanone
Concen: 235.809 ug/l
RT: 4.70 min Scan# 581
Delta R.T. -0.01 min
Lab File: VX006290.D
Acq: 05 Dec 2018 10:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1197958
Ion Ratio Lower Upper
43 100
72 28.1 22.6 33.8

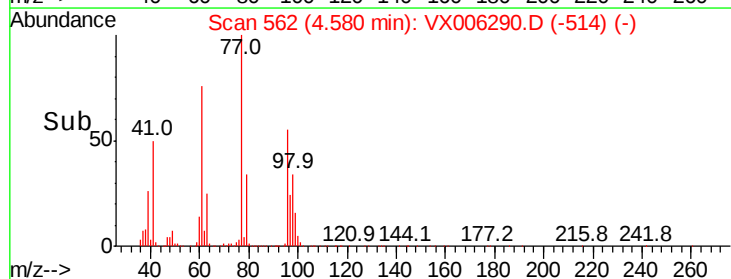
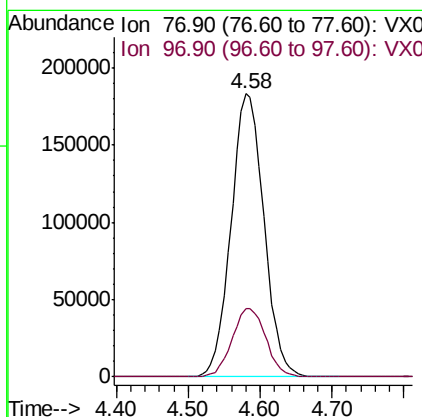
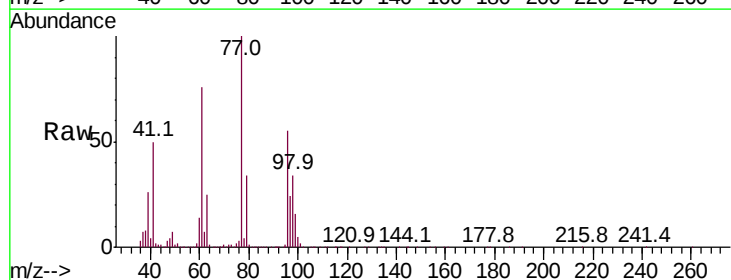
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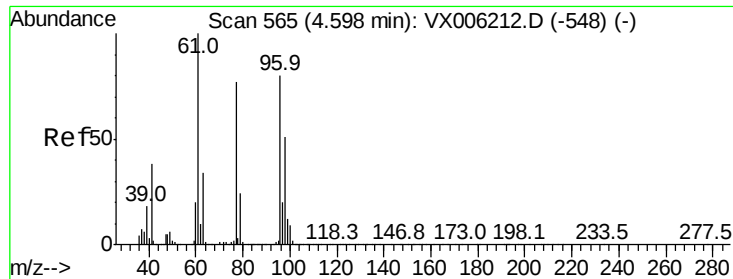
MMDadoda
12/7/2018 10:41:46 AM



#26
2,2-Dichloropropane
Concen: 52.916 ug/l
RT: 4.58 min Scan# 562
Delta R.T. -0.01 min
Lab File: VX006290.D
Acq: 05 Dec 2018 10:20

Tgt Ion: 77 Resp: 579184
Ion Ratio Lower Upper
77 100
97 24.9 12.3 36.8





#27

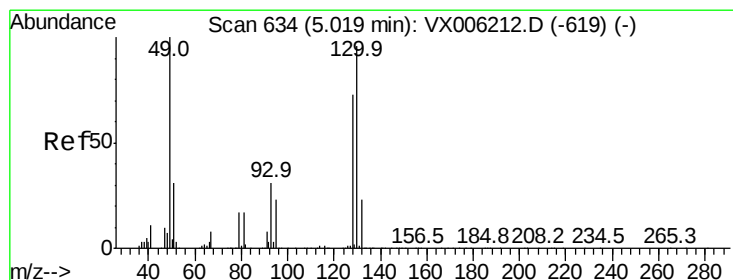
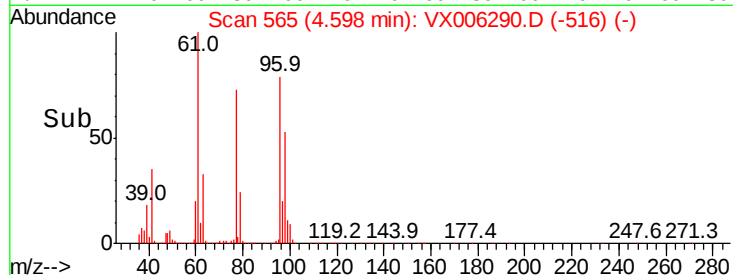
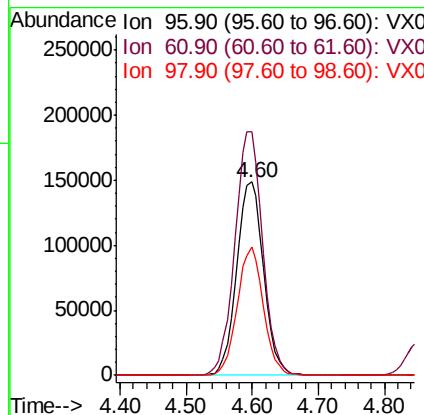
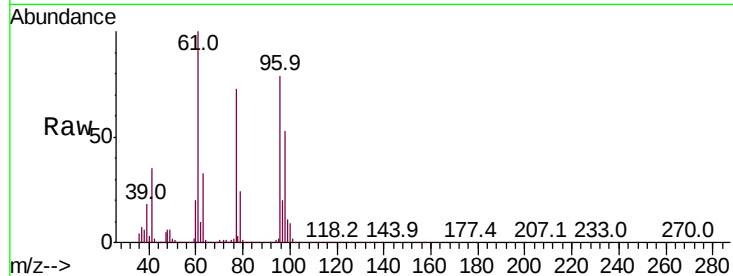
cis-1,2-Dichloroethene
Concen: 52.539 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX006290.D
Acq: 05 Dec 2018 10:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	419982		
61	129.5	0.0	265.0	
98	64.3	0.0	130.2	

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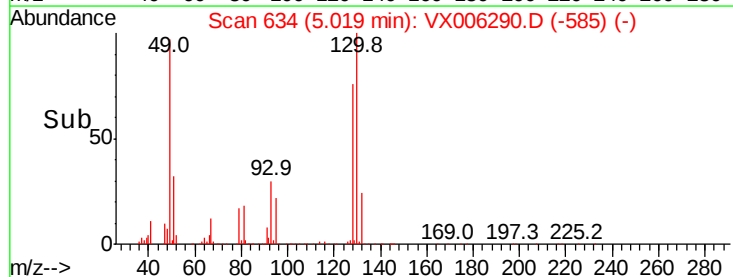
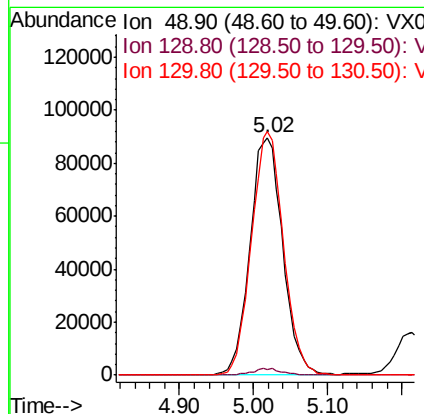
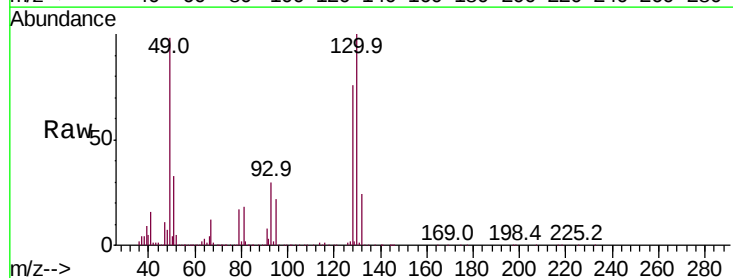
MMDadoda
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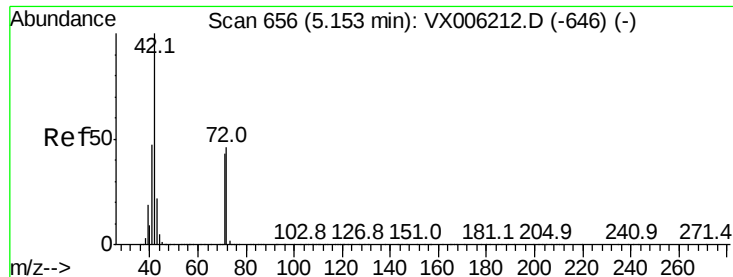


#28

Bromochloromethane
Concen: 53.430 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX006290.D
Acq: 05 Dec 2018 10:20

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	276784		
129	2.6	0.0	5.0	
130	99.8	78.3	117.5	





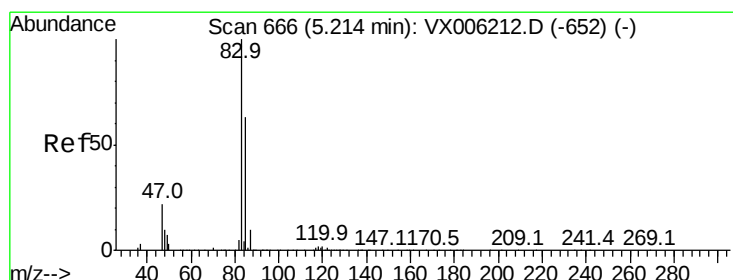
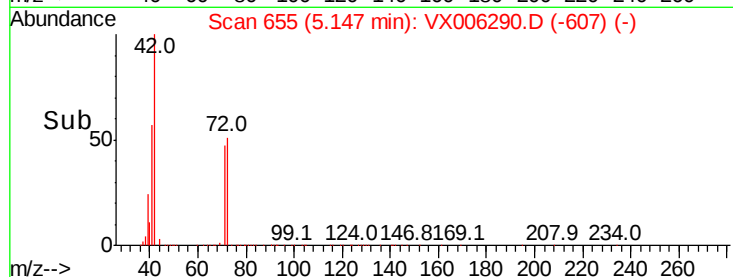
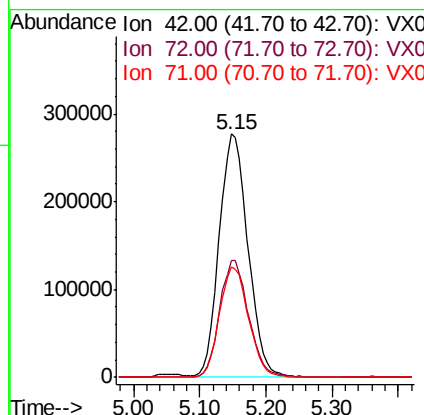
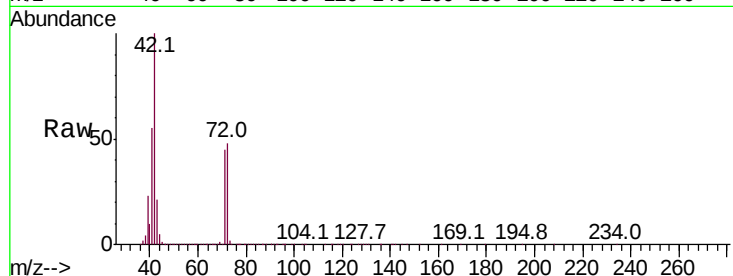
#29
Tetrahydrofuran
Concen: 236.328 ug/l
RT: 5.15 min Scan# 655
Delta R.T. -0.01 min
Lab File: VX006290.D
Acq: 05 Dec 2018 10:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
42	100	834413		
72	48.6		37.8	56.8
71	45.9		35.2	52.8

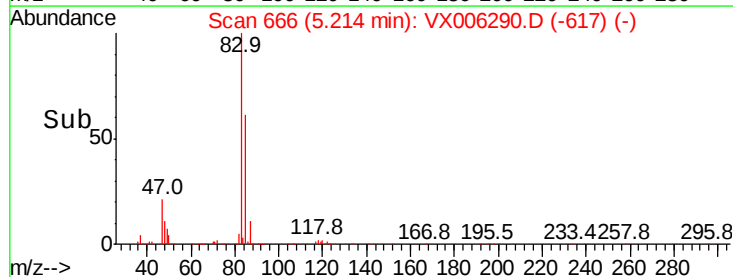
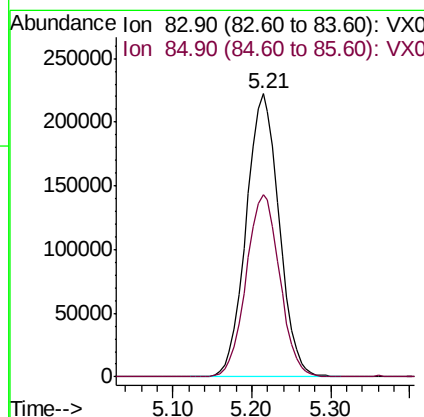
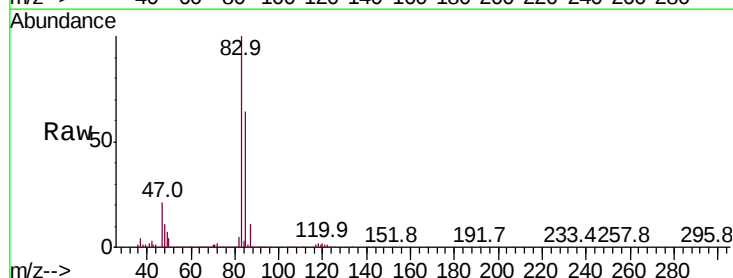
Manual Integrations
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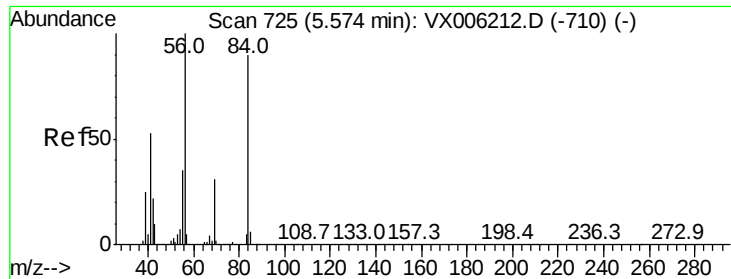
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#30
Chloroform
Concen: 51.708 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX006290.D
Acq: 05 Dec 2018 10:20

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	644448		
85	64.4		50.3	75.5





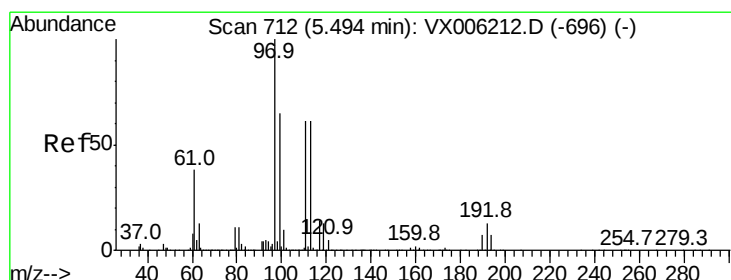
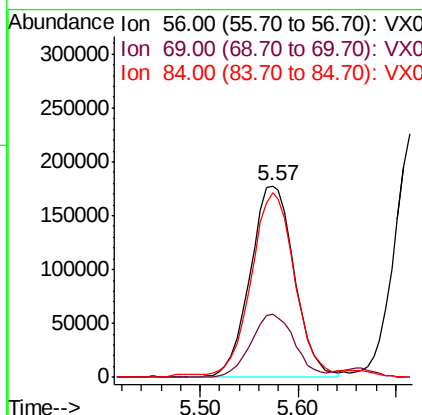
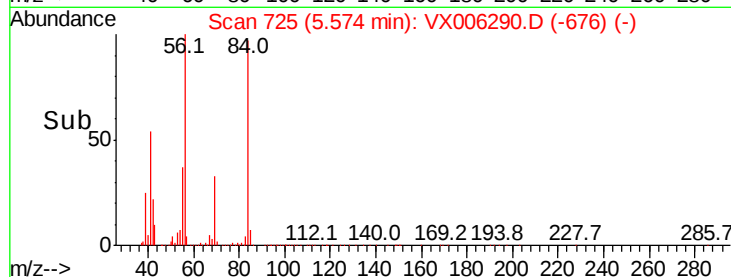
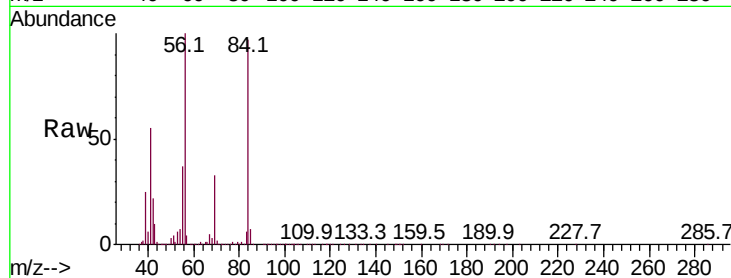
#31
Cyclohexane
Concen: 50.660 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX006290.D
Acq: 05 Dec 2018 10:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.8	24.5	36.7
84	95.1	71.8	107.6

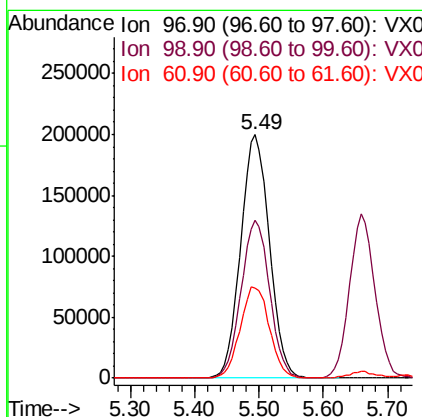
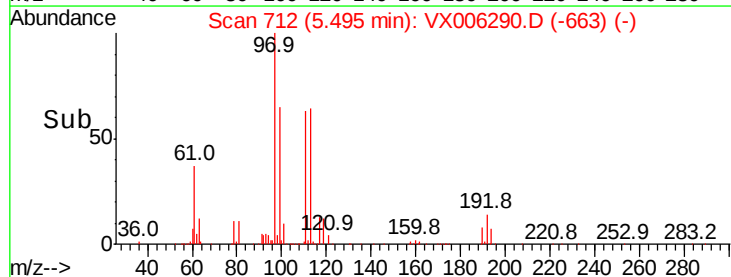
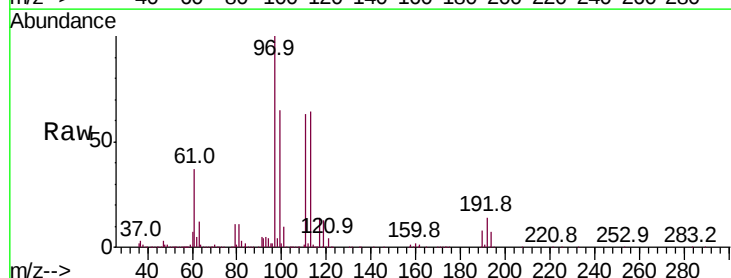
Manual Integrations
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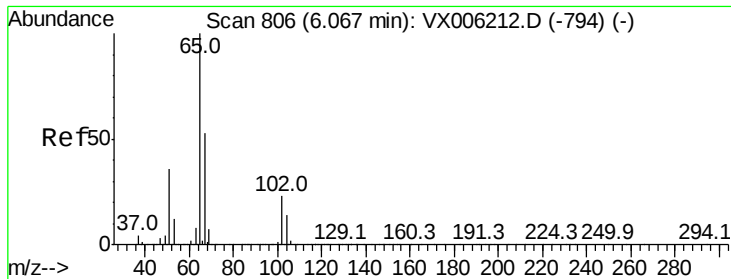
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#32
1,1,1-Trichloroethane
Concen: 51.544 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX006290.D
Acq: 05 Dec 2018 10:20

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.6	77.4
61	38.3	30.6	46.0





#33

1,2-Dichloroethane-d4

Concen: 51.881 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006290.D

Acq: 05 Dec 2018 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 393610

Ion Ratio Lower Upper

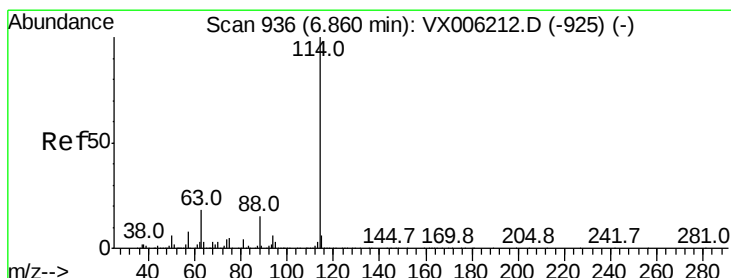
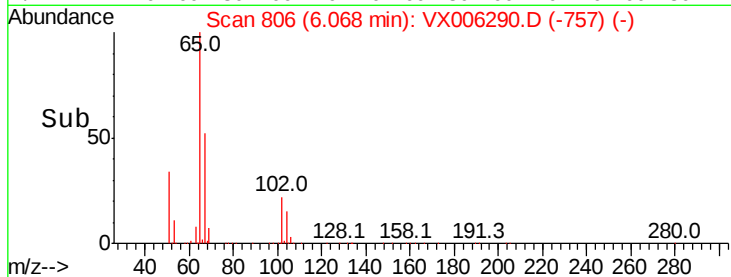
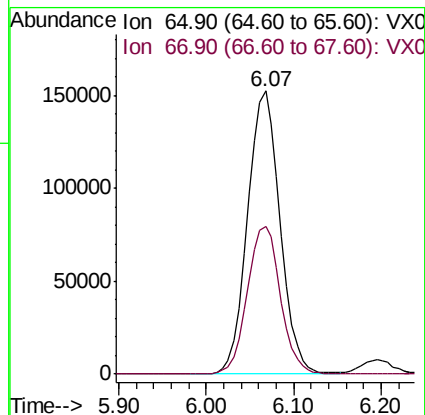
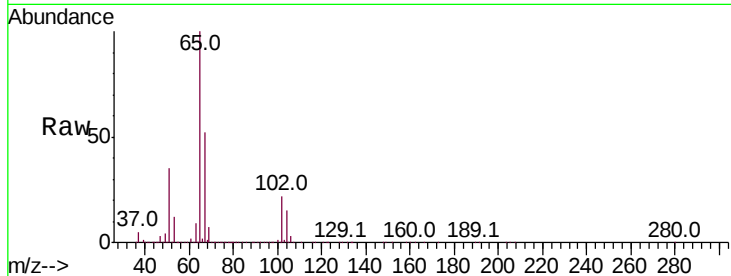
65 100

67 52.9 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: VX006290.D

Acq: 05 Dec 2018 10:20

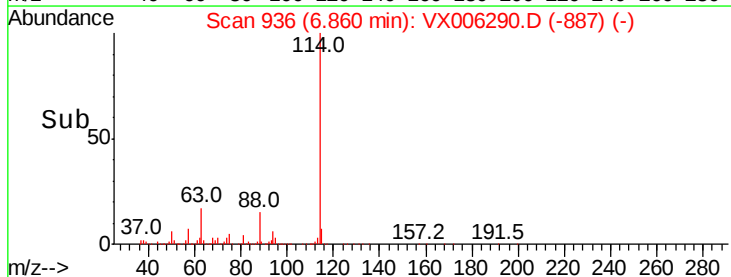
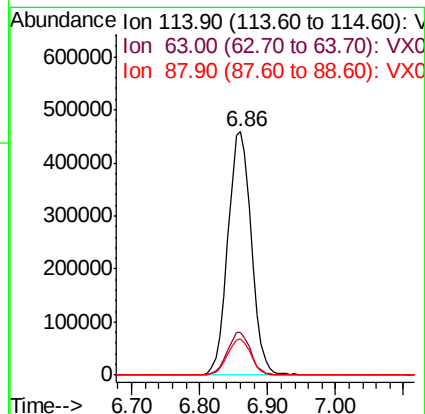
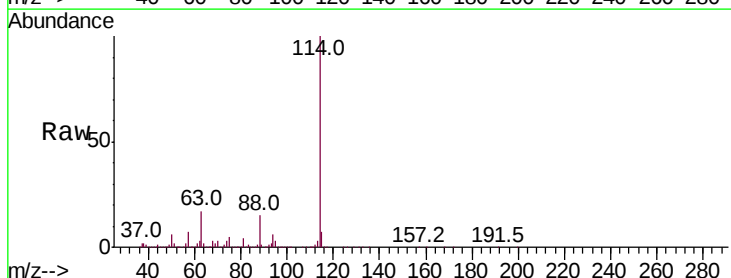
Tgt Ion: 114 Resp: 1094324

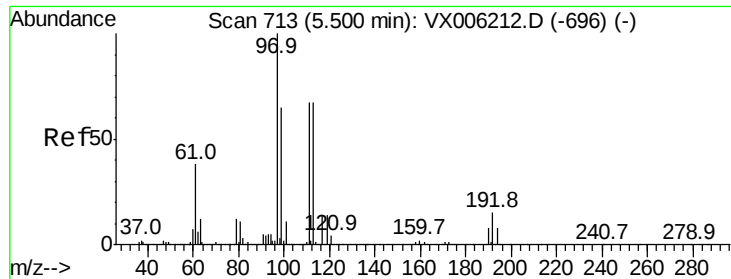
Ion Ratio Lower Upper

114 100

63 17.3 0.0 36.6

88 15.0 0.0 29.0





#35

Dibromofluoromethane

Concen: 53.473 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006290.D

Acq: 05 Dec 2018 10:20

Instrument :

MSVOA_X

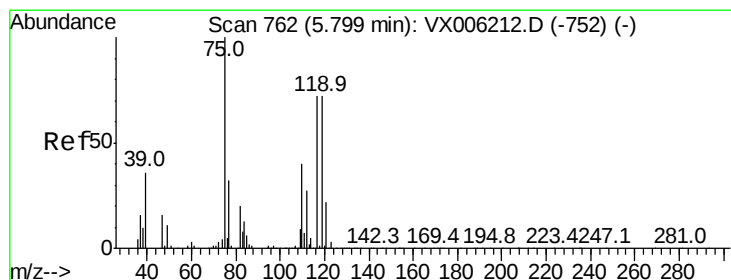
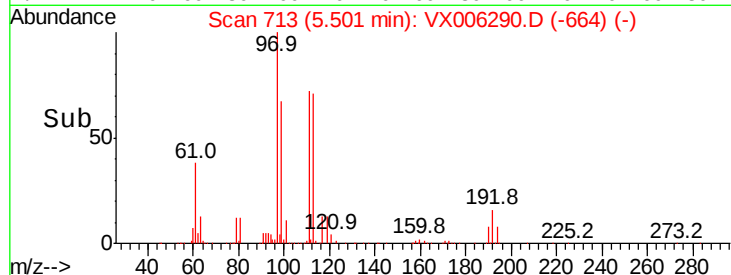
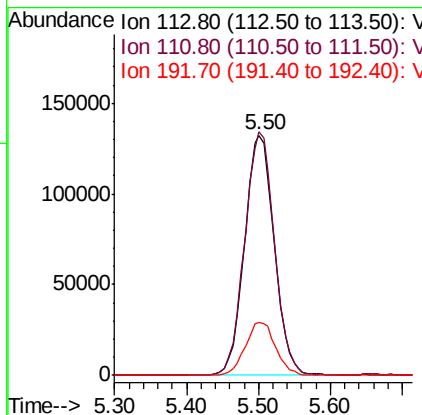
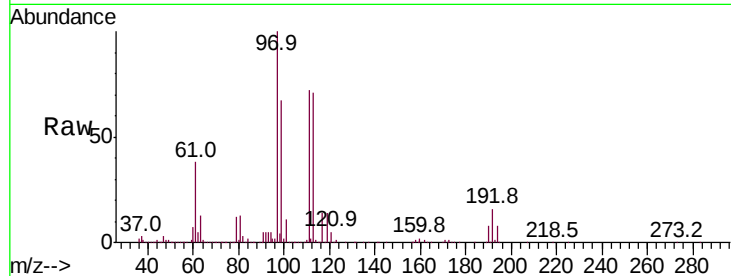
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	378874
Ion Ratio	Lower	Upper	
113	100		
111	101.6	81.1	121.7
192	22.4	18.2	27.2

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 52.708 ug/l

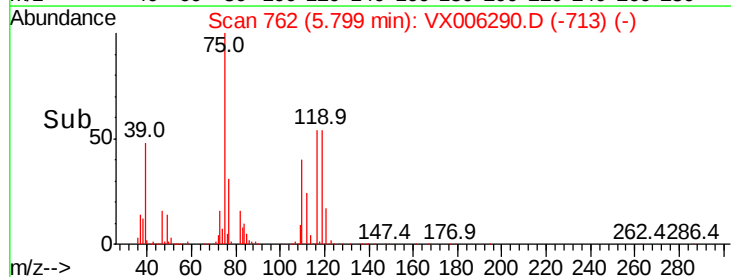
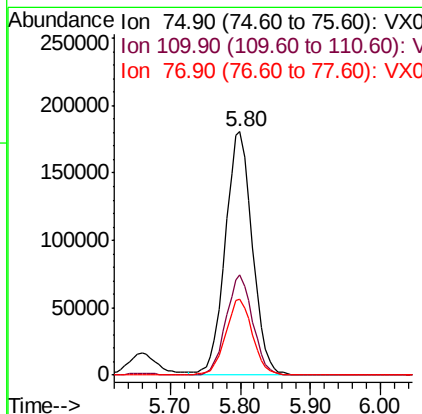
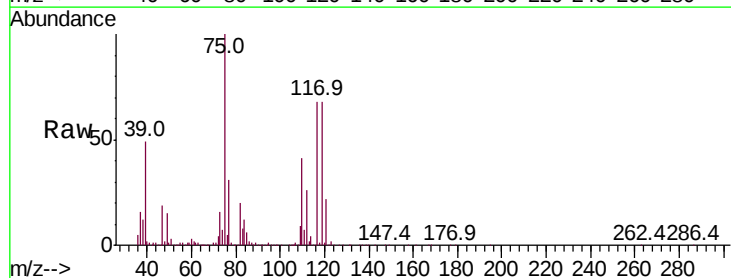
RT: 5.80 min Scan# 762

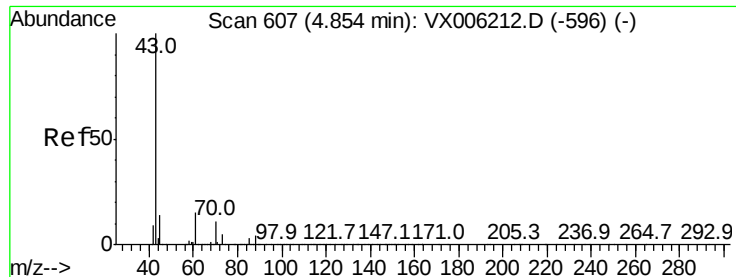
Delta R.T. 0.00 min

Lab File: VX006290.D

Acq: 05 Dec 2018 10:20

Tgt Ion:	75	Resp:	485724
Ion Ratio	Lower	Upper	
75	100		
110	40.3	20.4	61.3
77	30.6	24.9	37.3





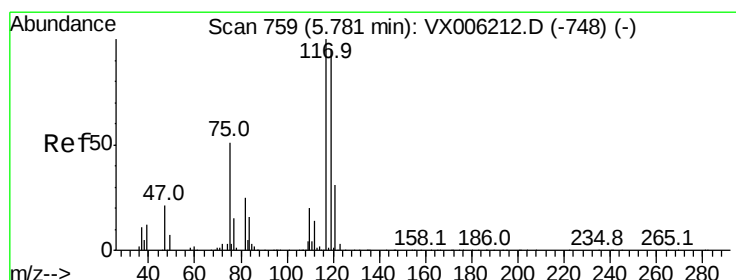
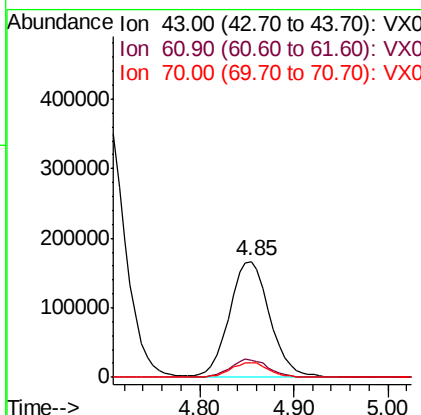
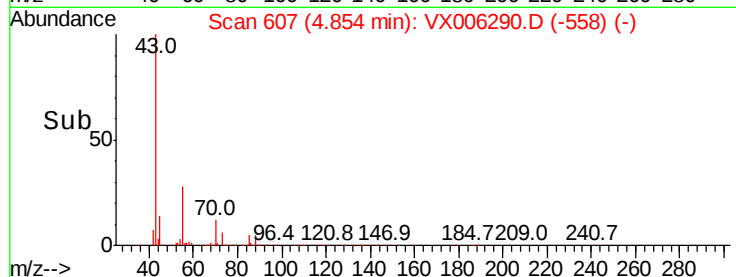
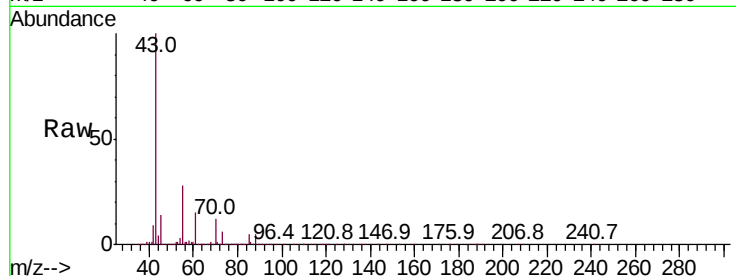
#37
Ethyl Acetate
Concen: 47.745 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX006290.D
Acq: 05 Dec 2018 10:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.7	11.5	17.3
70	12.3	9.0	13.6

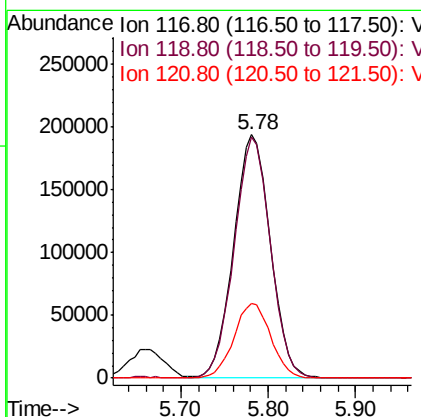
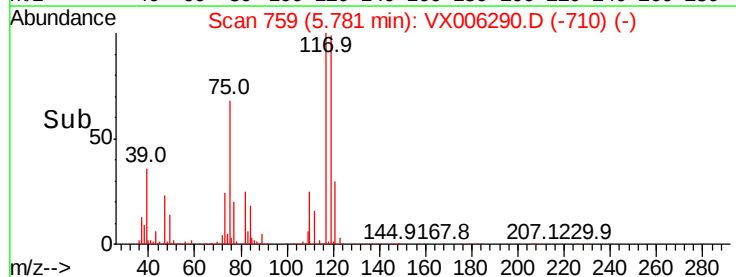
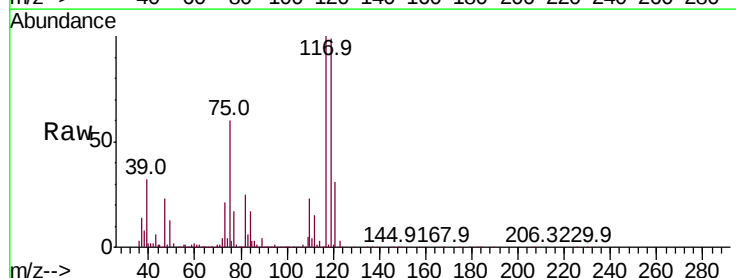
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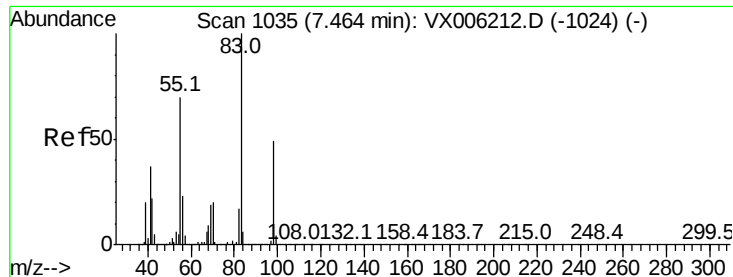
MMDadoda
12/7/2018 10:41:46 AM



#38
Carbon Tetrachloride
Concen: 52.132 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX006290.D
Acq: 05 Dec 2018 10:20

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.0	75.8	113.8
121	30.9	24.6	37.0





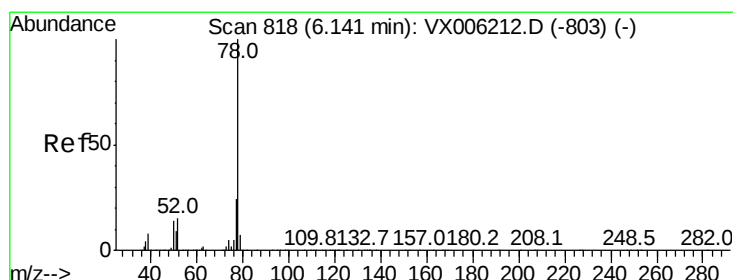
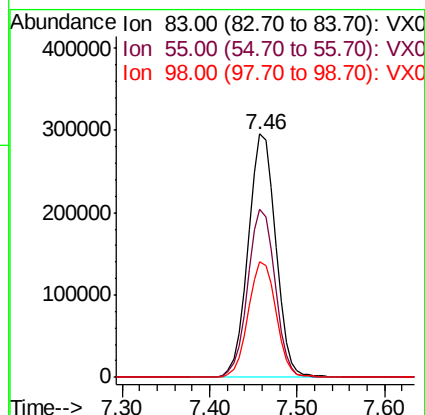
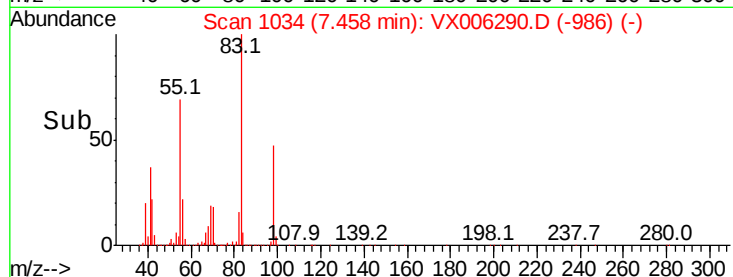
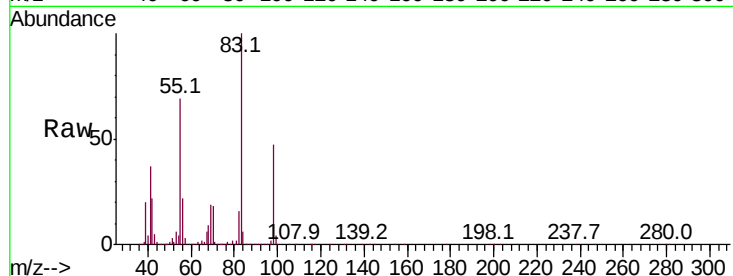
#39
Methvlcvclohexane
Concen: 54.024 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX006290.D
Acq: 05 Dec 2018 10:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	68.9	56.4	84.6
98	47.3	39.0	58.6

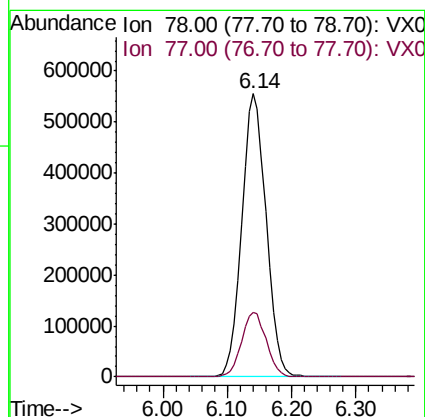
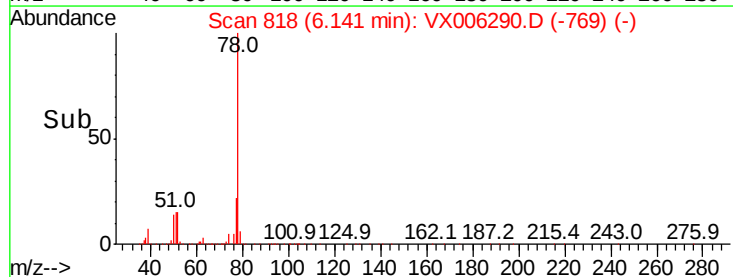
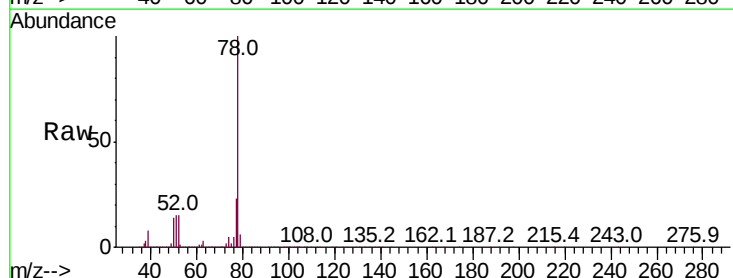
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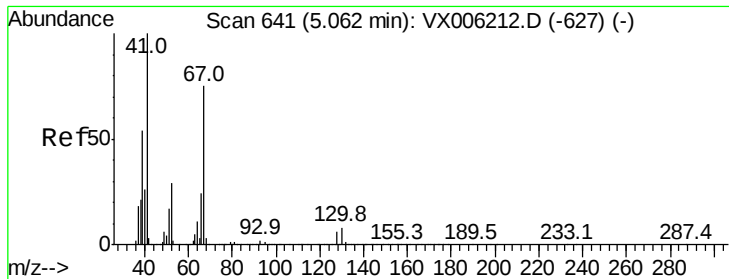
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#40
Benzene
Concen: 52.224 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX006290.D
Acq: 05 Dec 2018 10:20

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.6	19.2	28.8





#41

Methacrylonitrile

Concen: 48.264 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.01 min

Lab File: VX006290.D

Acq: 05 Dec 2018 10:20

Instrument :

MSVOA_X

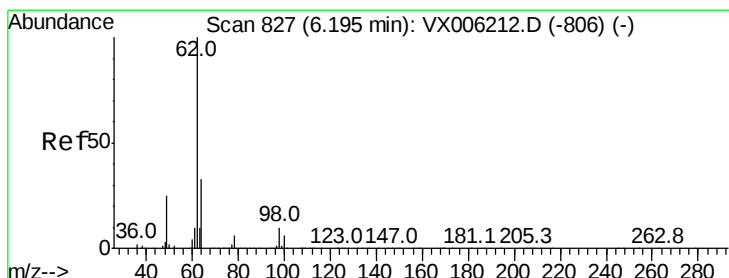
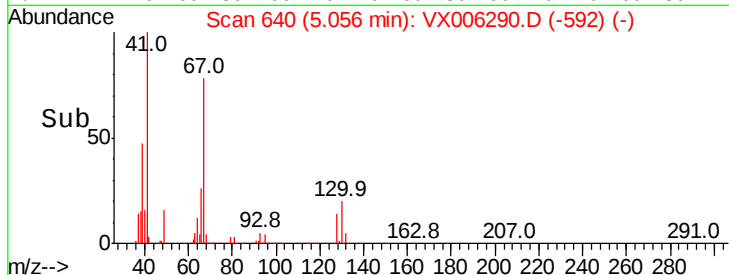
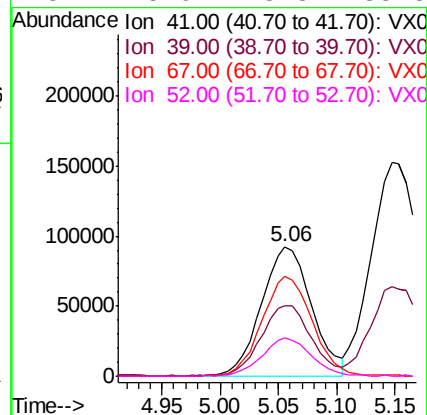
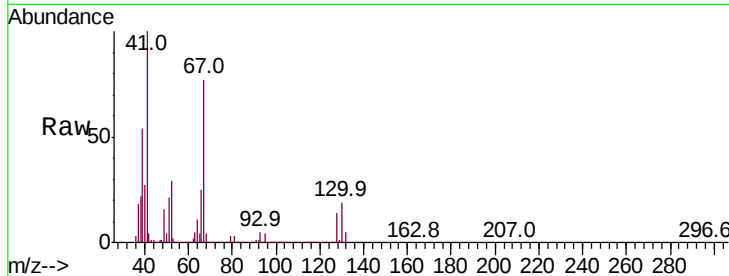
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.7	44.0	66.0	
67	76.8	61.4	92.0	
52	28.9	23.5	35.3	

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 52.190 ug/l

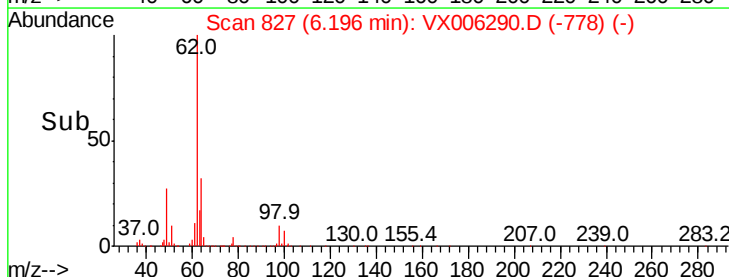
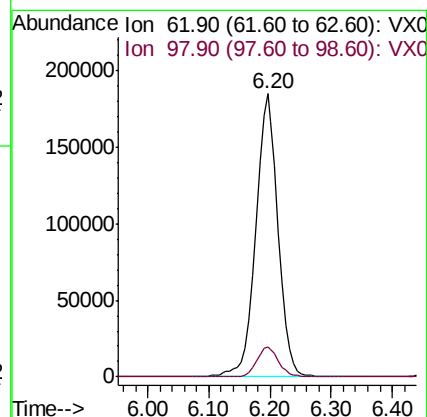
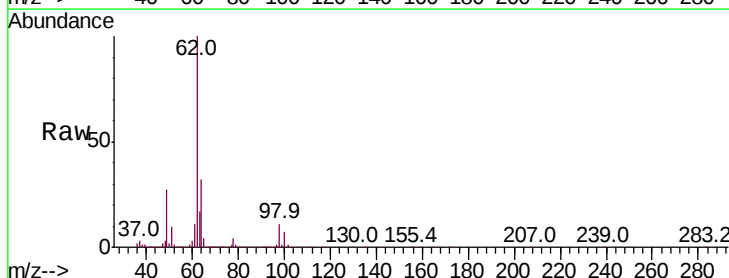
RT: 6.20 min Scan# 827

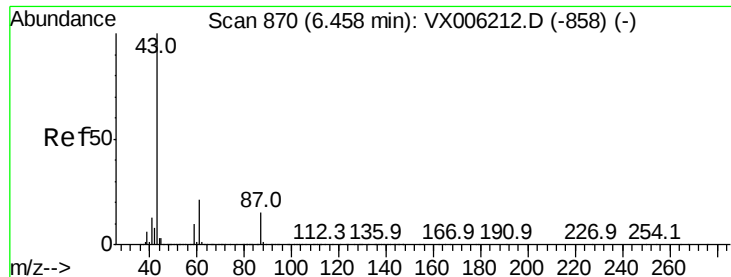
Delta R.T. 0.00 min

Lab File: VX006290.D

Acq: 05 Dec 2018 10:20

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





#43

Isopropyl Acetate

Concen: 48.498 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

Lab File: VX006290.D

Acq: 05 Dec 2018 10:20

Instrument :

MSVOA_X

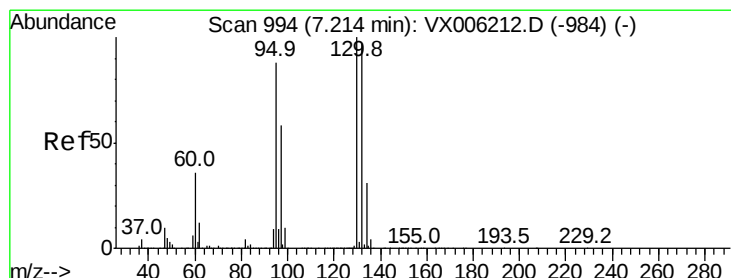
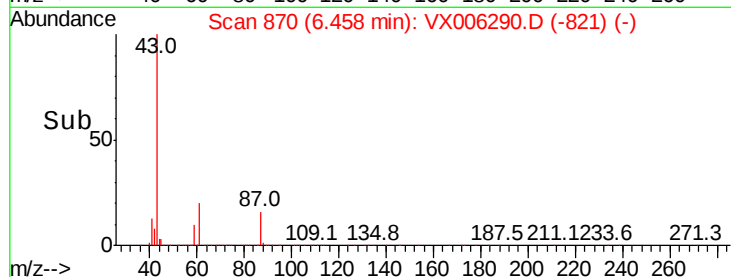
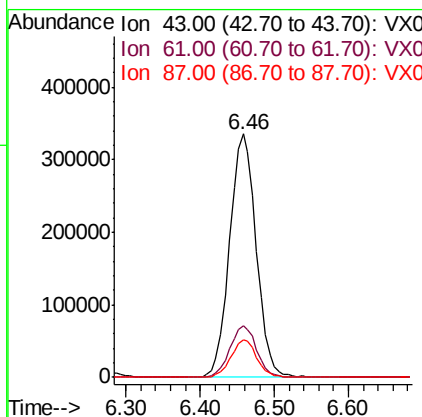
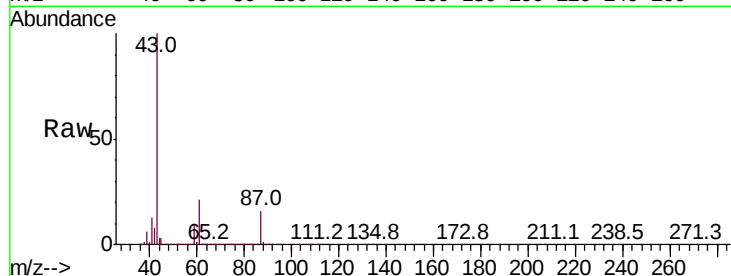
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	834469
Ion	Ratio	Lower	Upper
43	100		
61	21.4	16.8	25.2
87	15.2	11.9	17.9

Manual Integrations
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#44

Trichloroethene

Concen: 52.730 ug/l

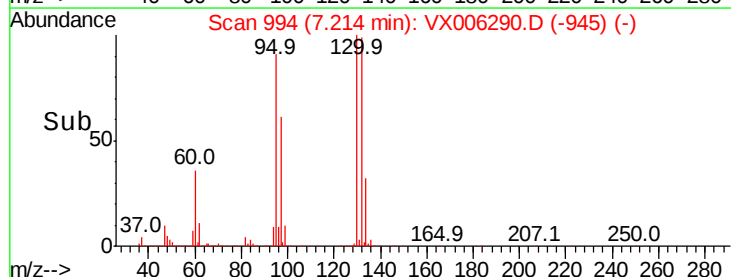
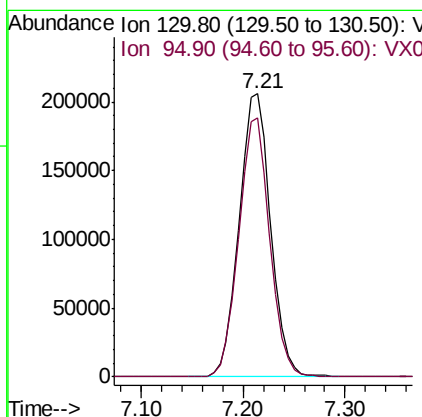
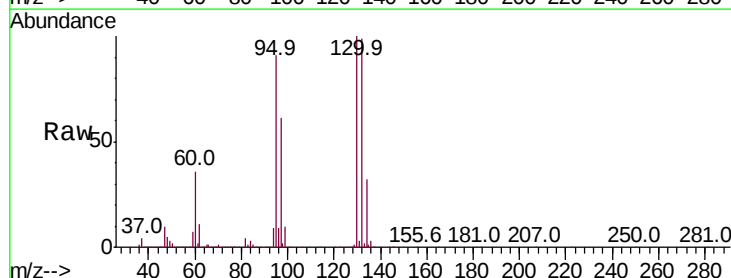
RT: 7.21 min Scan# 994

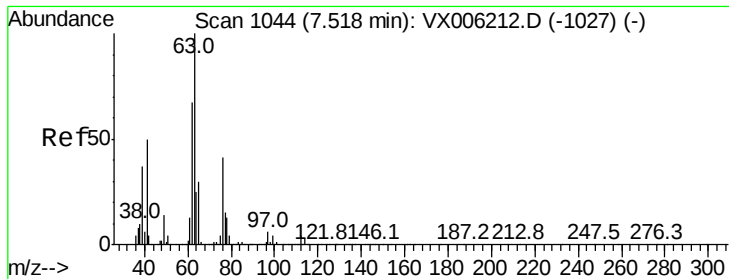
Delta R.T. 0.00 min

Lab File: VX006290.D

Acq: 05 Dec 2018 10:20

Tgt Ion:	130	Resp:	440896
Ion	Ratio	Lower	Upper
130	100		
95	91.4	0.0	175.8





#45

1,2-Dichloropropane

Concen: 51.032 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VX006290.D

Acq: 05 Dec 2018 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 357979

Ion Ratio Lower Upper

63 100

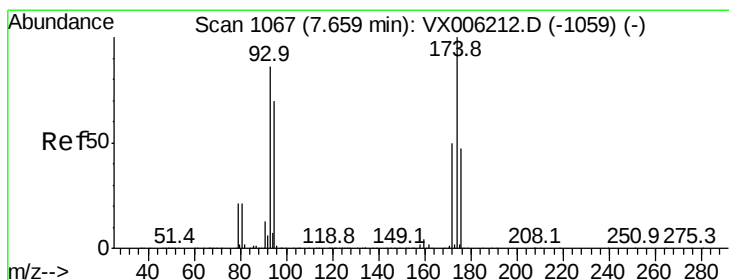
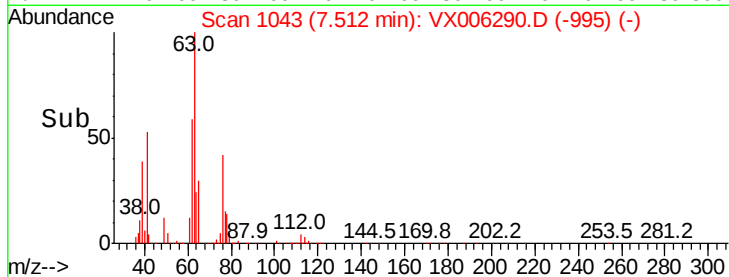
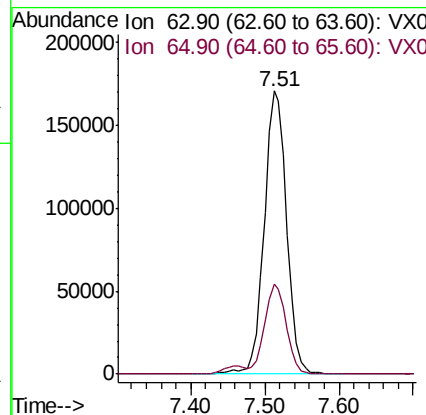
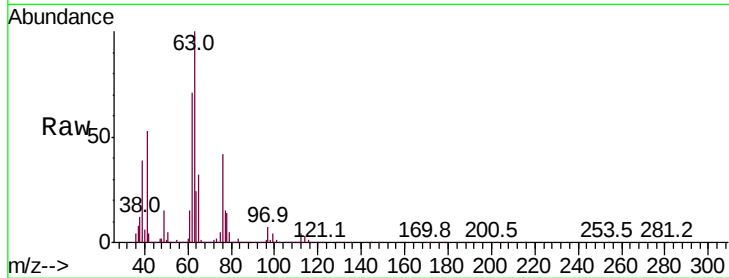
65 31.8 24.3 36.5

Manual Integrations

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#46

Dibromomethane

Concen: 51.923 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX006290.D

Acq: 05 Dec 2018 10:20

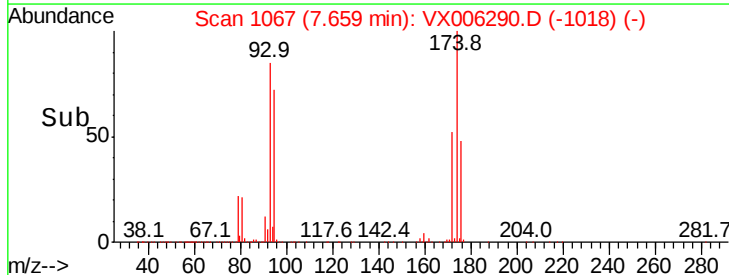
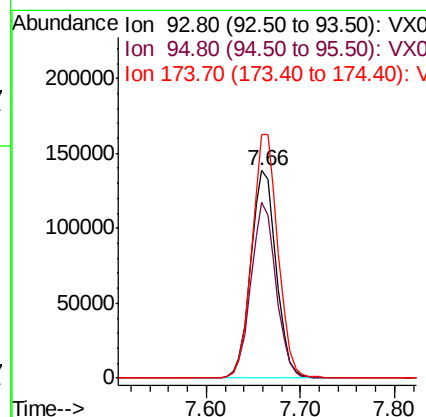
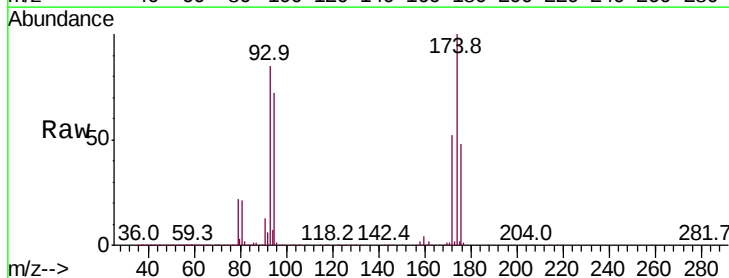
Tgt Ion: 93 Resp: 263055

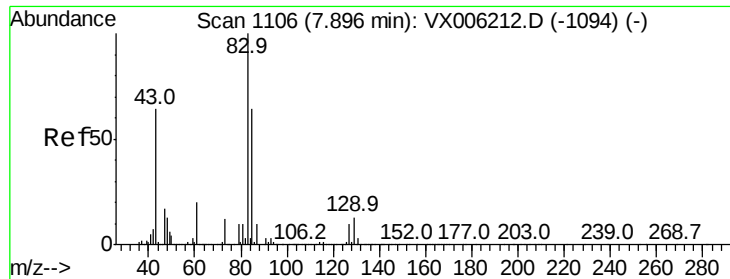
Ion Ratio Lower Upper

93 100

95 83.7 66.2 99.4

174 119.9 97.2 145.8





#47

Bromodichloromethane

Concen: 52.734 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX006290.D

Acq: 05 Dec 2018 10:20

Instrument :

MSVOA_X

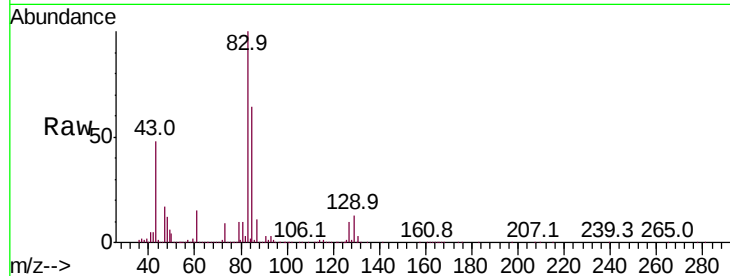
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	517373
Ion Ratio	Lower	Upper	
83	100		
85	64.3	51.4	77.0
127	9.7	7.9	11.9

Manual Integrations
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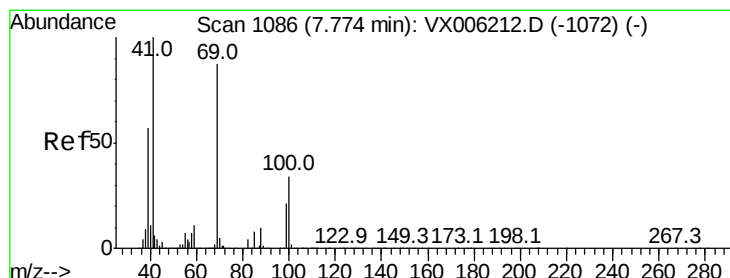
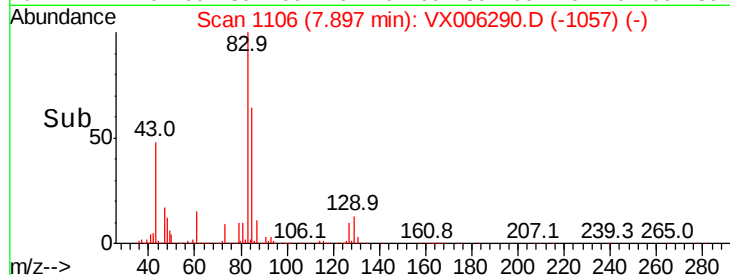
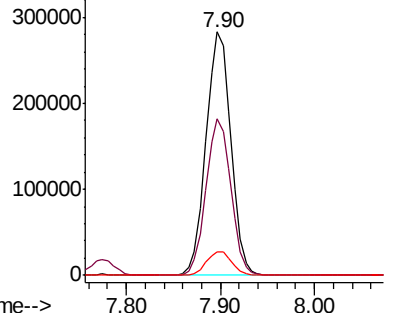
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12/7/2018 10:41:46 AM



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 48.599 ug/l

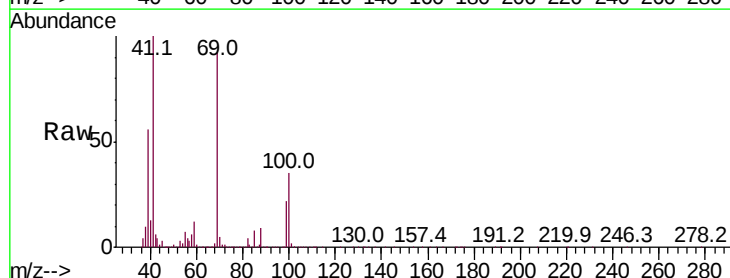
RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX006290.D

Acq: 05 Dec 2018 10:20

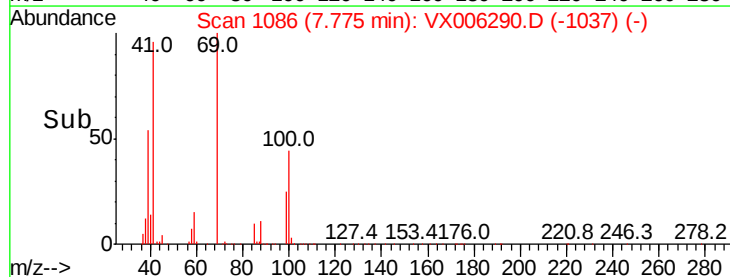
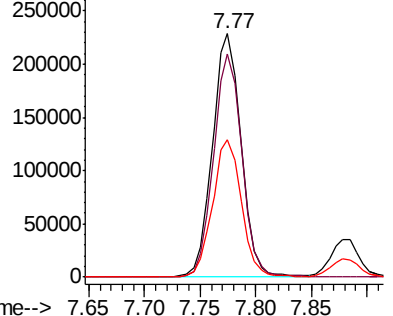
Tgt Ion:	41	Resp:	406810
Ion Ratio	Lower	Upper	
41	100		
69	91.4	70.3	105.5
39	56.7	45.3	67.9

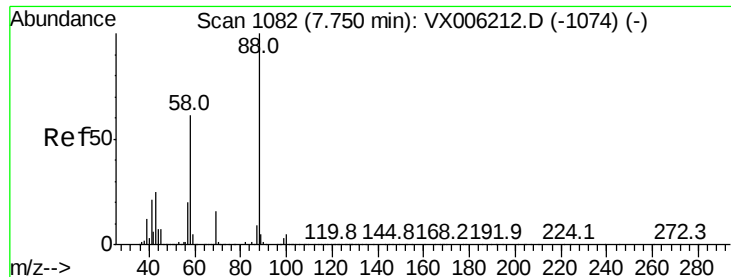


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





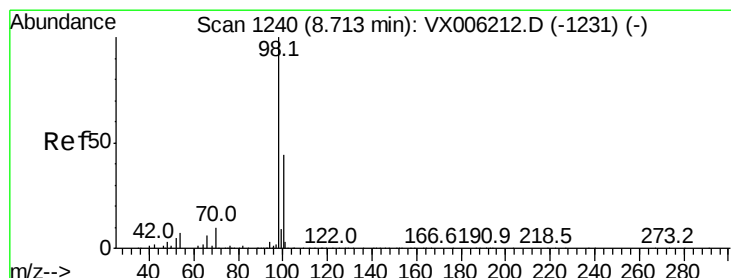
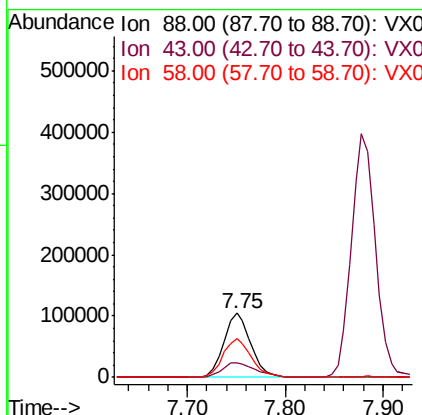
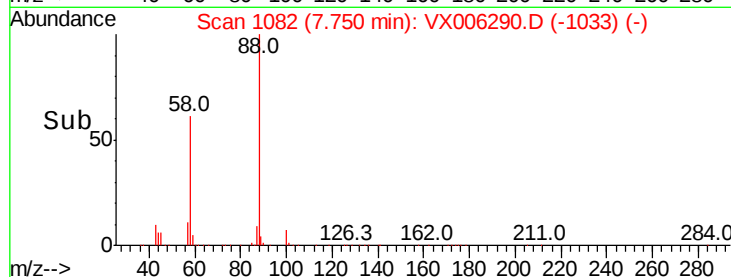
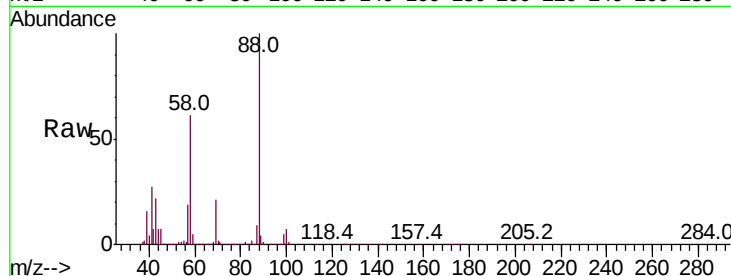
#49
1,4-Dioxane
Concen: 968.789 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX006290.D
Acq: 05 Dec 2018 10:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	27.1	23.2	34.8
58	63.1	51.4	77.0

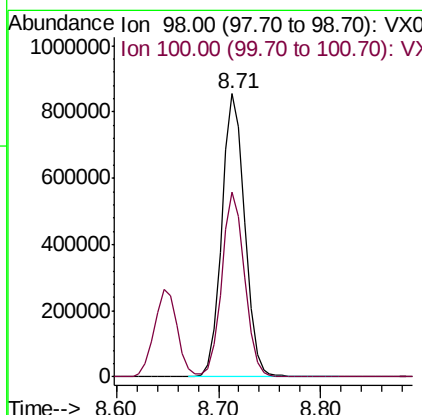
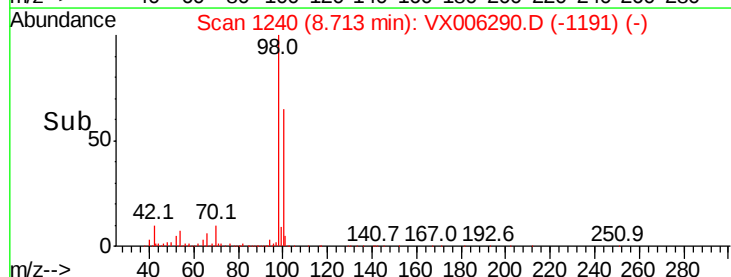
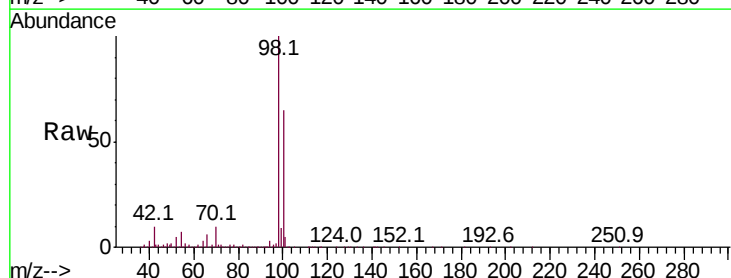
Manual Integrations
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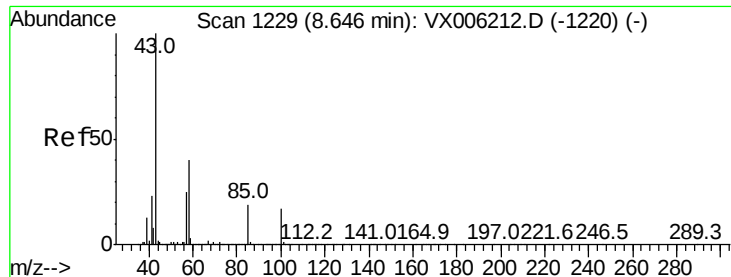
MMDadoda
12/7/2018 10:41:46 AM



#50
Toluene-d8
Concen: 51.778 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006290.D
Acq: 05 Dec 2018 10:20

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.2	78.2





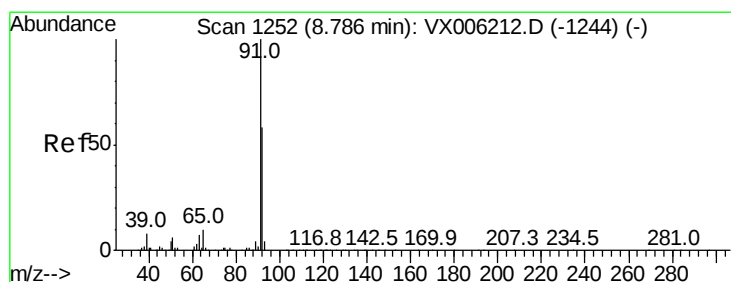
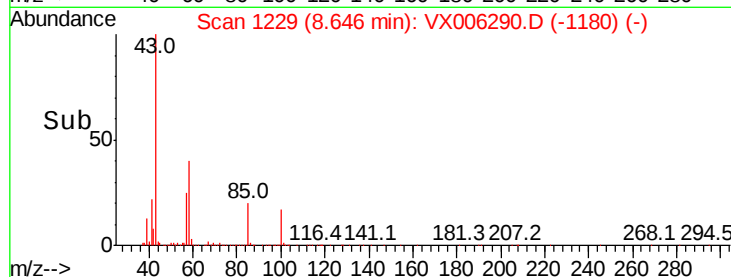
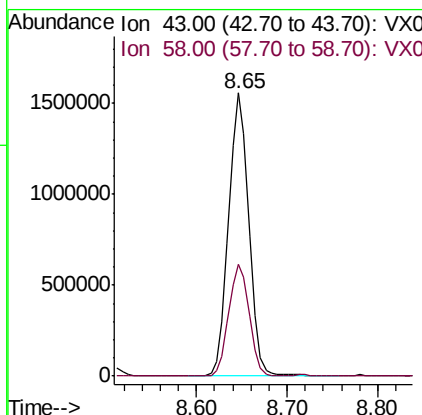
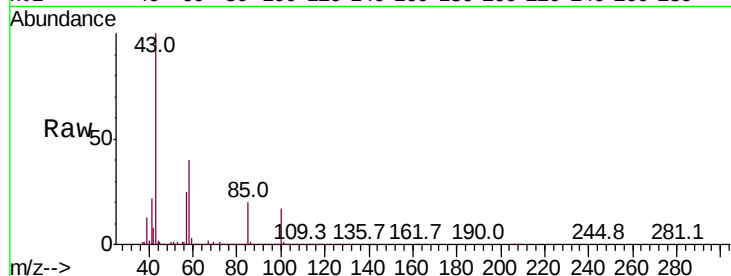
#51
4-Methyl-2-Pentanone
Concen: 240.375 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. 0.00 min
Lab File: VX006290.D
Acq: 05 Dec 2018 10:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 2407733
Ion Ratio Lower Upper
43 100
58 40.0 31.3 46.9

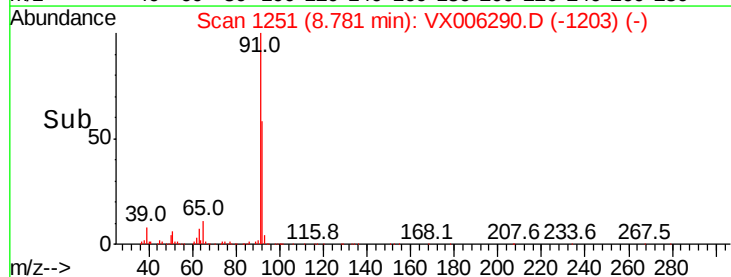
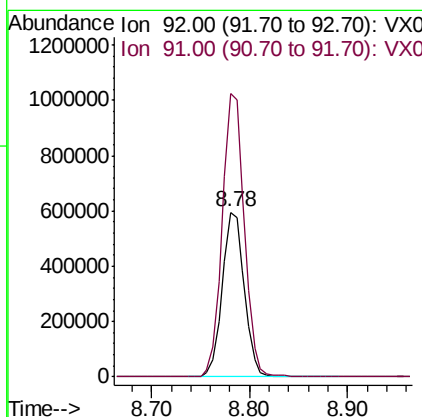
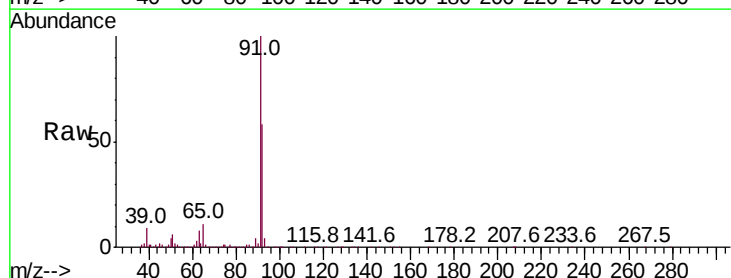
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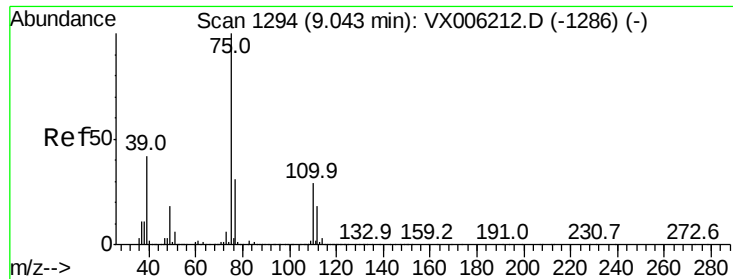
MMDadoda
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#52
Toluene
Concen: 51.152 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX006290.D
Acq: 05 Dec 2018 10:20

Tgt Ion: 92 Resp: 928831
Ion Ratio Lower Upper
92 100
91 173.0 139.2 208.8





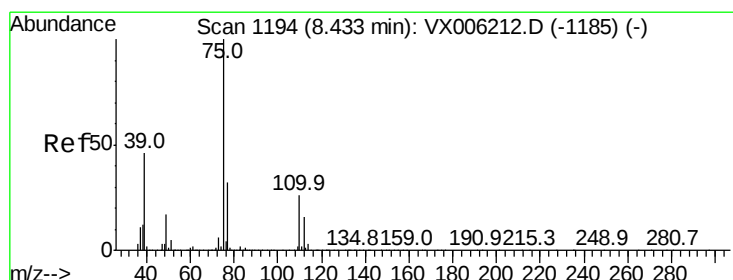
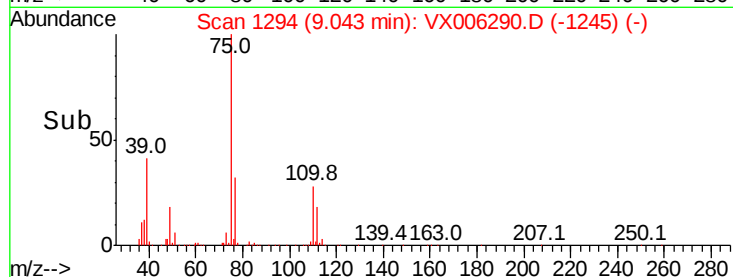
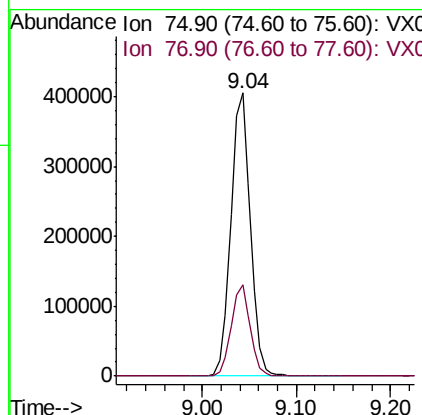
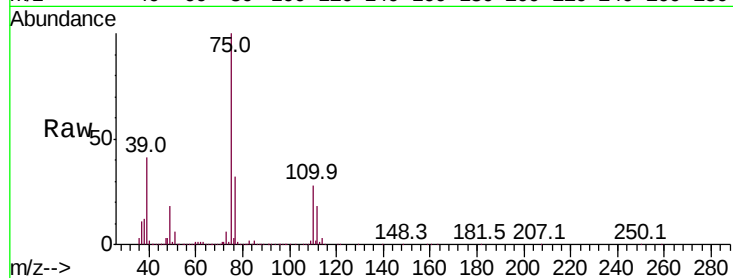
#53
 t-1,3-Dichloropropene
 Concen: 50.281 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: VX006290.D
 Acq: 05 Dec 2018 10:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
75	100	576921		
77	32.3	25.0	37.4	

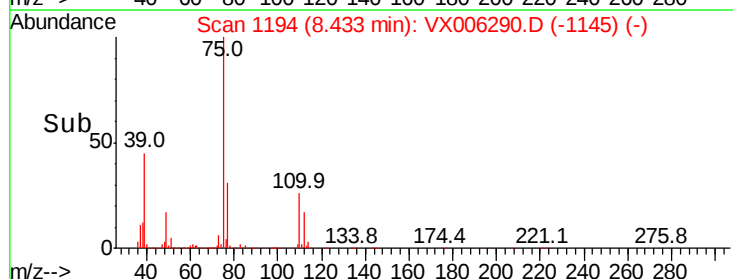
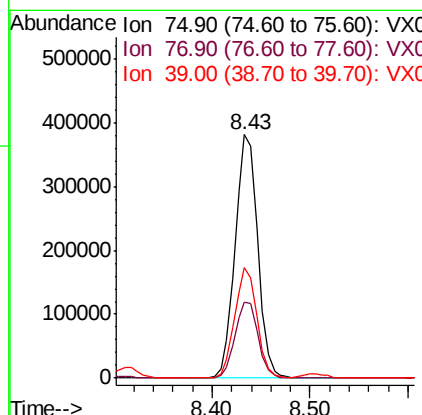
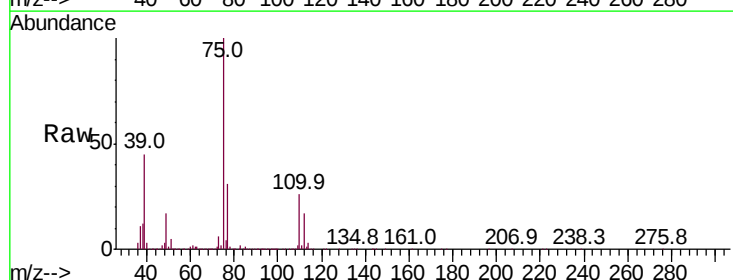
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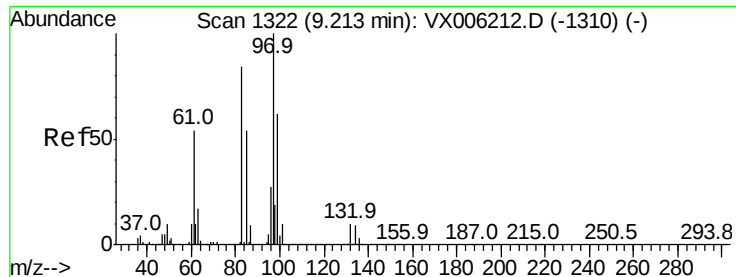
MMDadoda
 12/7/2018 10:41:46 AM



#54
 cis-1,3-Dichloropropene
 Concen: 51.225 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX006290.D
 Acq: 05 Dec 2018 10:20

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	610312		
77	31.3	25.6	38.4	
39	45.3	36.5	54.7	





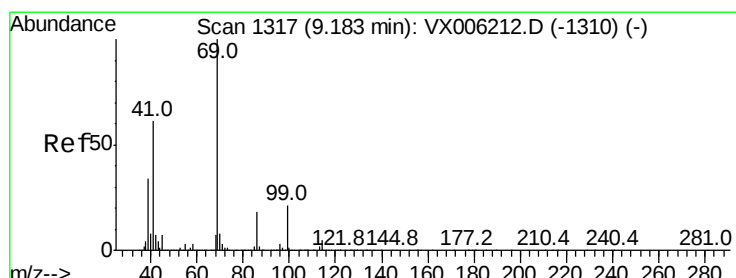
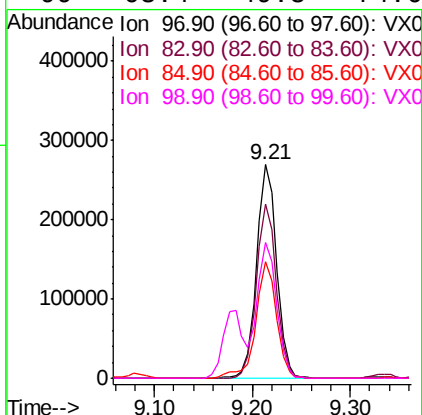
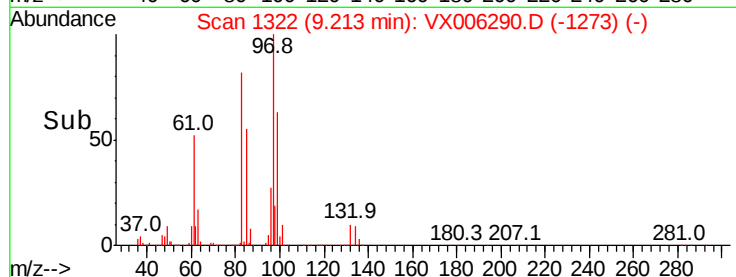
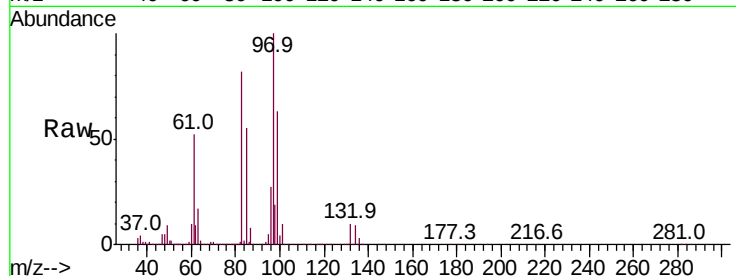
#55
 1,1,2-Trichloroethane
 Concen: 51.957 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX006290.D
 Acq: 05 Dec 2018 10:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
97	100		
83	81.6	67.1	100.7
85	54.5	43.2	64.8
99	63.4	49.8	74.6

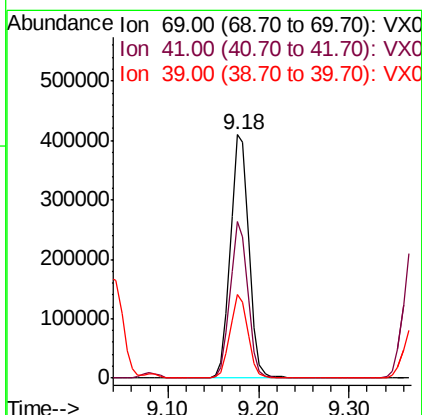
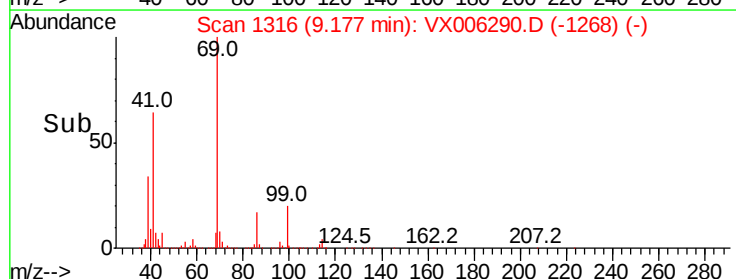
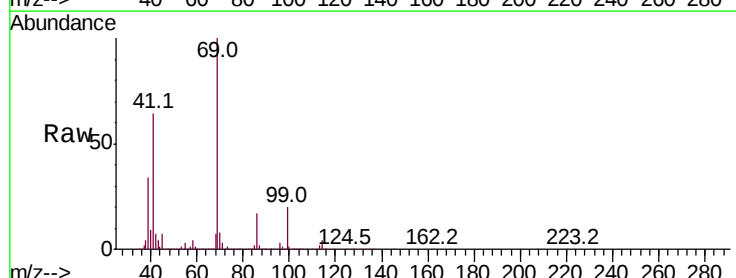
Manual Integrations
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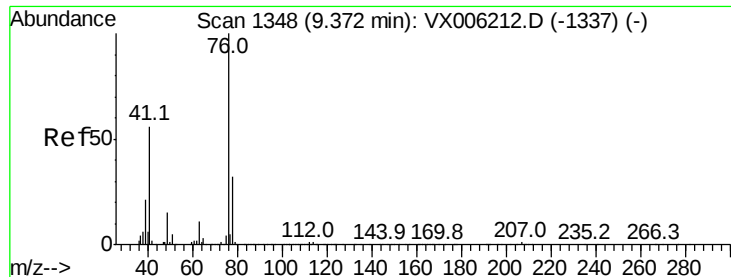
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 12/7/2018 10:41:46 AM



#56
 Ethyl methacrylate
 Concen: 49.911 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: VX006290.D
 Acq: 05 Dec 2018 10:20

Tgt Ion	Ratio	Lower	Upper
69	100		
41	61.6	50.6	76.0
39	33.5	27.6	41.4





#57

1,3-Dichloropropane

Concen: 51.760 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX006290.D

Acq: 05 Dec 2018 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 603792

Ion Ratio Lower Upper

76 100

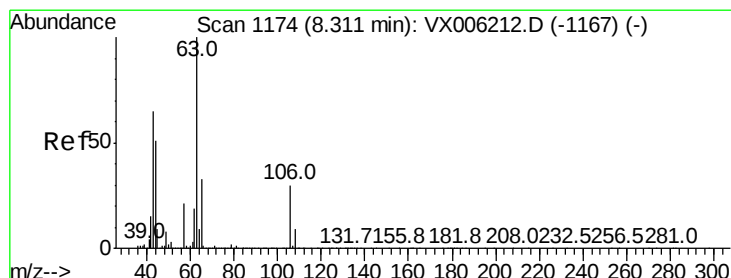
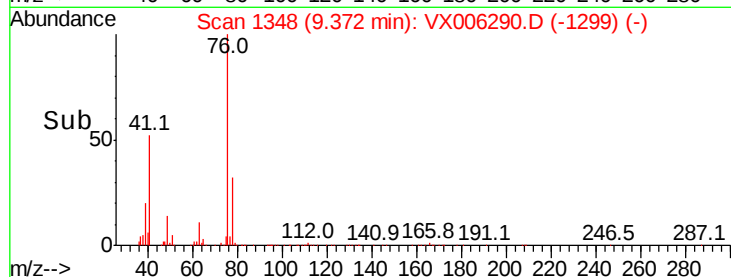
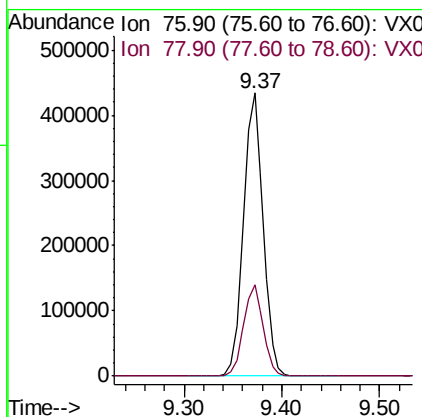
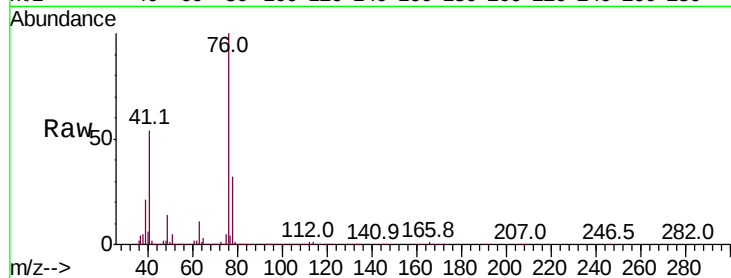
78 32.3 26.1 39.1

Manual Integrations

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12/7/2018 10:41:46 AM



#58

2-Chloroethyl Vinyl ether

Concen: 250.551 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX006290.D

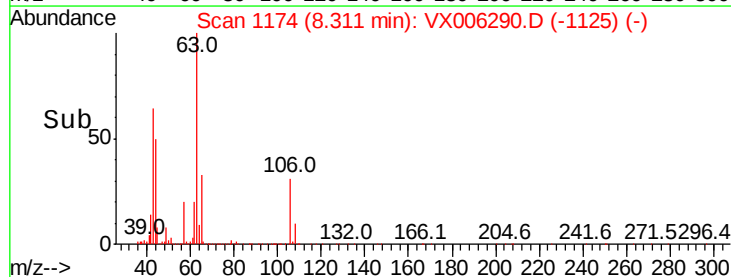
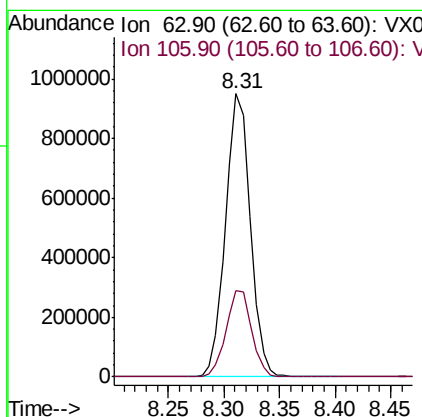
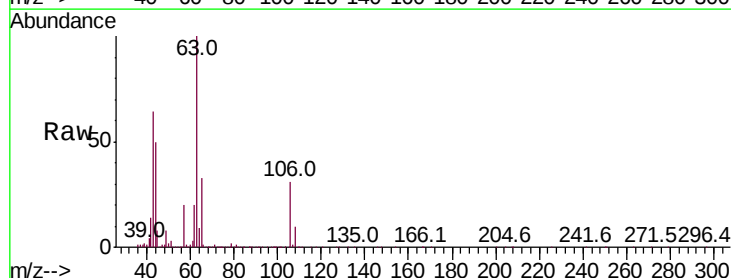
Acq: 05 Dec 2018 10:20

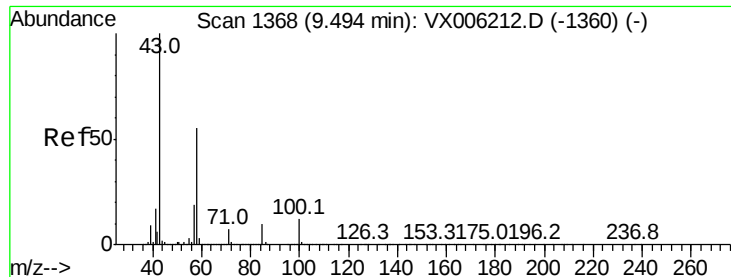
Tgt Ion: 63 Resp: 1466282

Ion Ratio Lower Upper

63 100

106 31.6 24.9 37.3





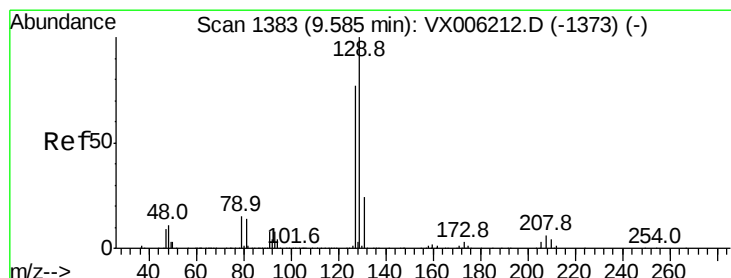
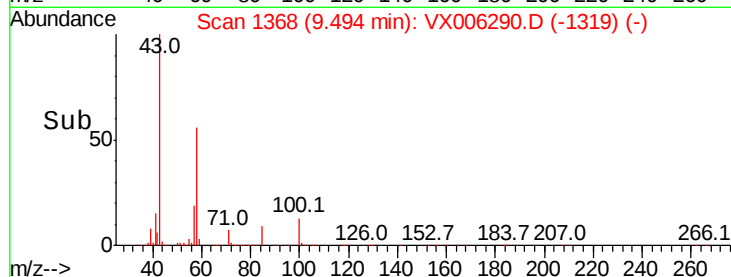
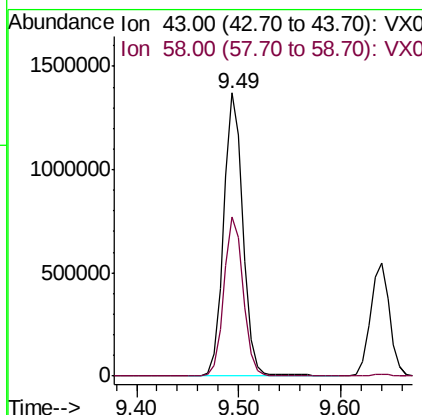
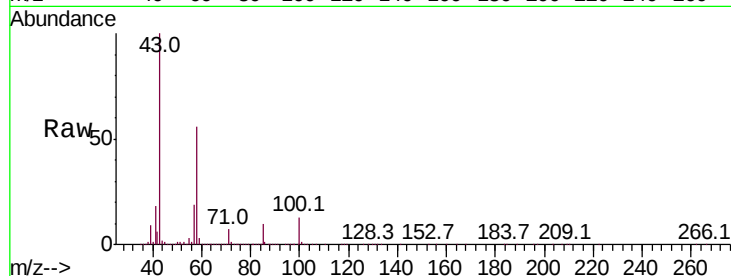
#59
2-Hexanone
Concen: 234.040 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX006290.D
Acq: 05 Dec 2018 10:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1791039
Ion Ratio Lower Upper
43 100
58 56.5 27.7 83.1

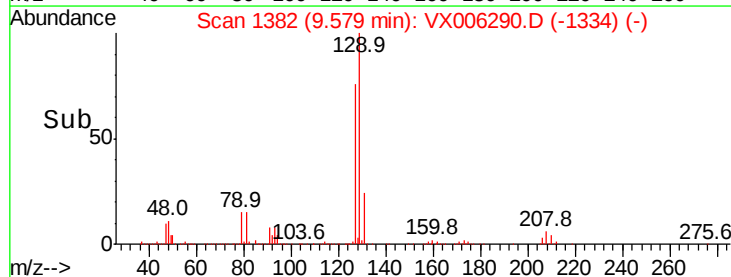
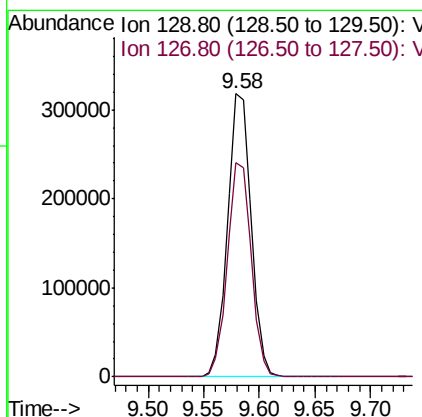
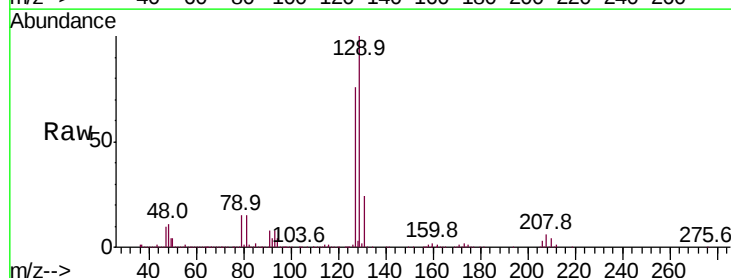
Manual Integrations
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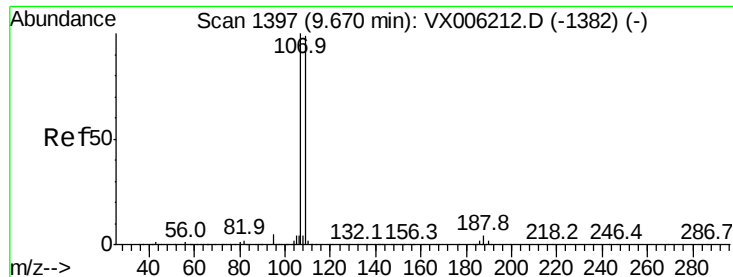
MMDadoda
12/7/2018 10:41:46 AM



#60
Dibromochloromethane
Concen: 51.180 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.01 min
Lab File: VX006290.D
Acq: 05 Dec 2018 10:20

Tgt Ion: 129 Resp: 465562
Ion Ratio Lower Upper
129 100
127 76.8 38.6 115.8





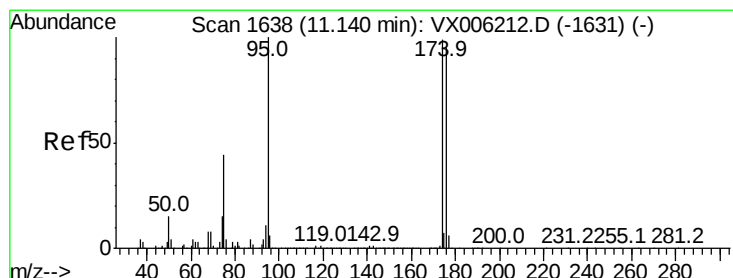
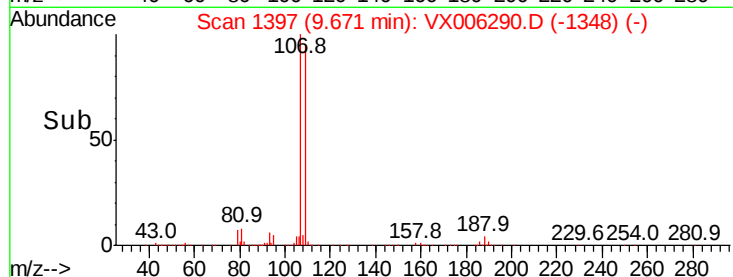
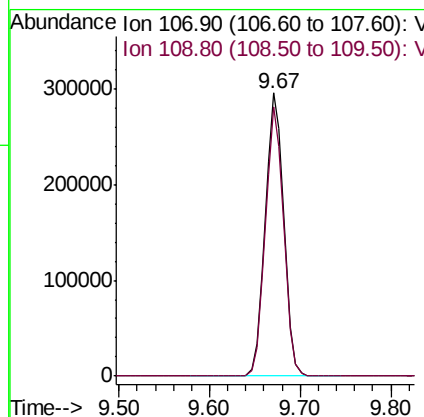
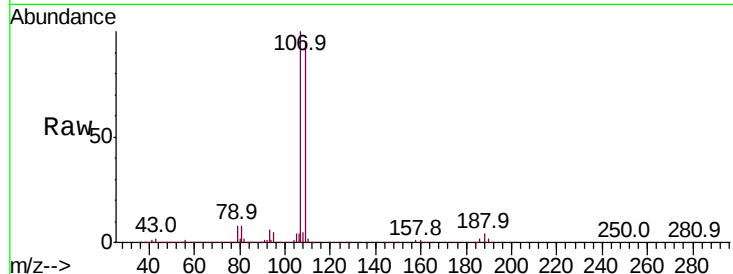
#61
 1,2-Dibromoethane
 Concen: 50.712 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX006290.D
 Acq: 05 Dec 2018 10:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
107	100	418305		
109	94.1	76.3	114.5	

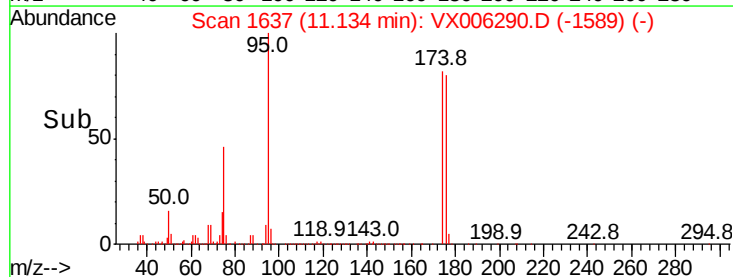
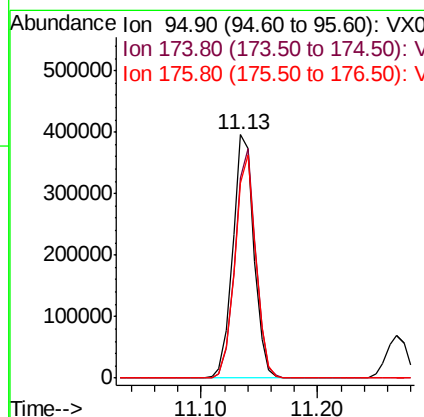
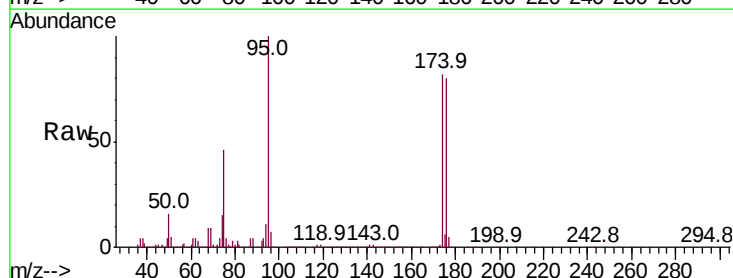
Manual Integrations
 APPROVED

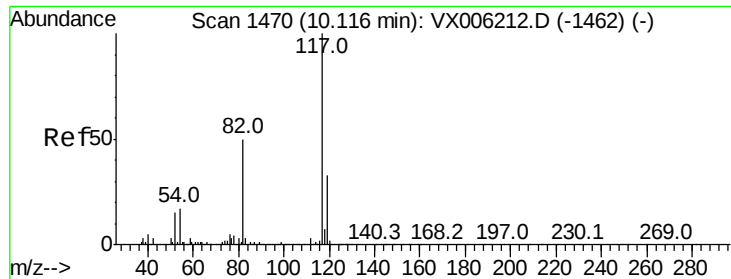
MMDadoda
 12/7/2018 10:41:46 AM



#62
 4-Bromofluorobenzene
 Concen: 51.698 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.01 min
 Lab File: VX006290.D
 Acq: 05 Dec 2018 10:20

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	502076		
174	91.7	0.0	187.0	
176	90.1	0.0	181.8	





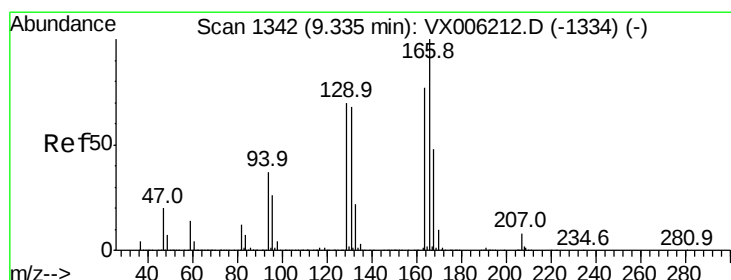
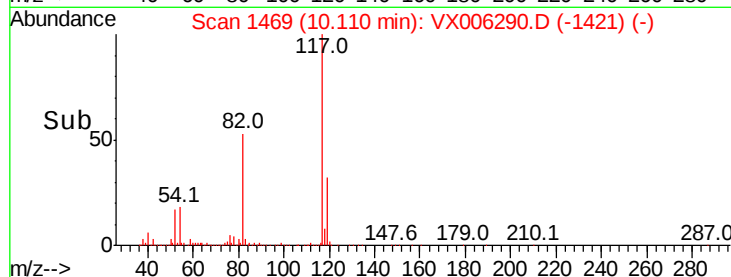
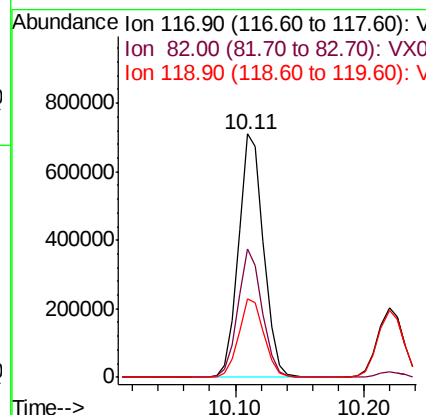
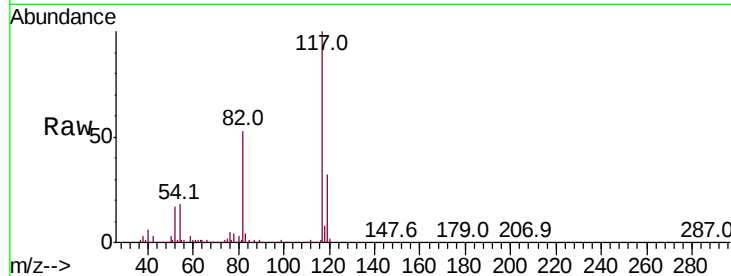
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VX006290.D
Acq: 05 Dec 2018 10:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	960487		
82	52.7		39.6	59.4
119	32.0		26.3	39.5

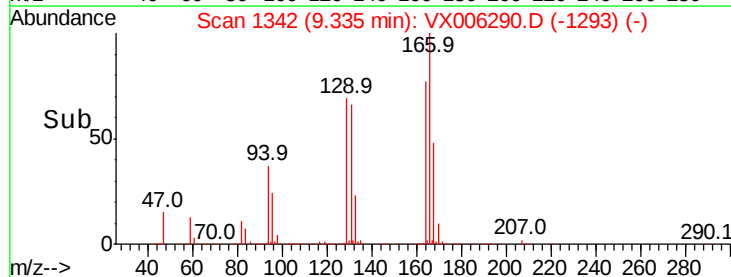
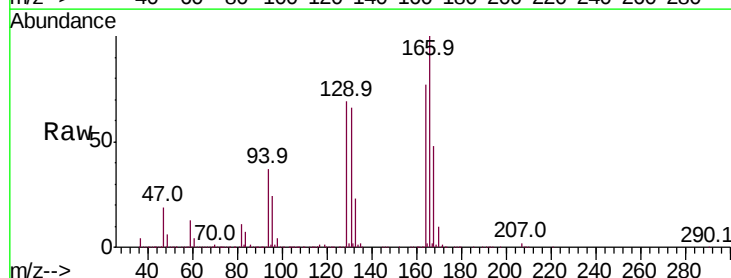
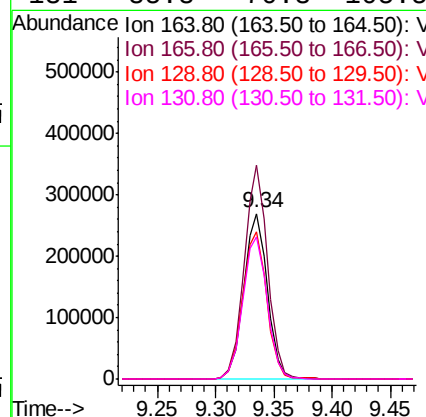
Manual Integrations
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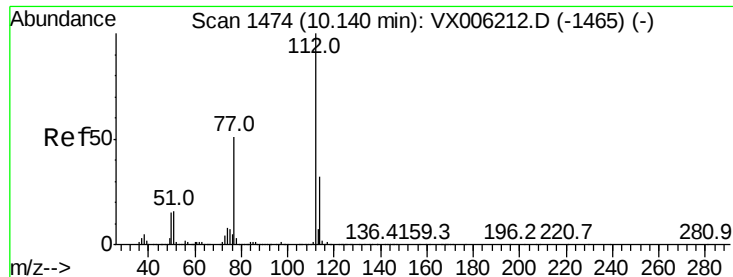
MMDadoda
12/7/2018 10:41:46 AM



#64
Tetrachloroethene
Concen: 52.774 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006290.D
Acq: 05 Dec 2018 10:20

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	381730		
166	129.4		104.2	156.2
129	89.0		72.6	108.8
131	85.8		70.3	105.5





#65

Chlorobenzene

Concen: 53.311 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX006290.D

Acq: 05 Dec 2018 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 1086953

Ion Ratio Lower Upper

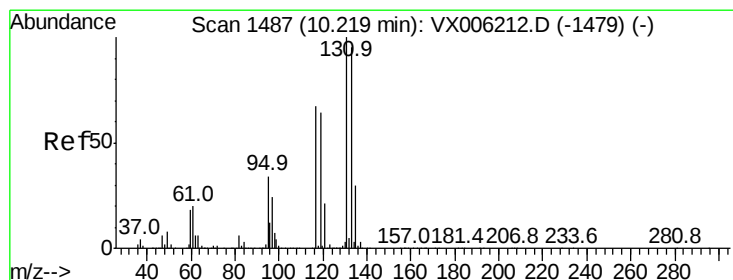
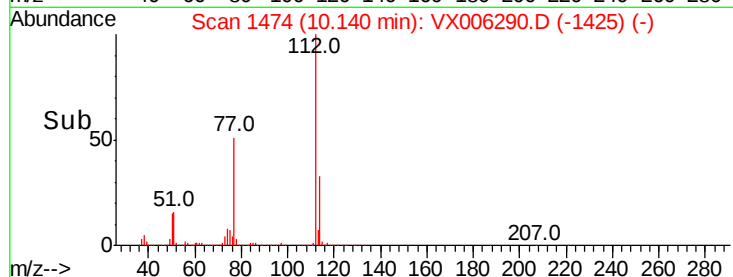
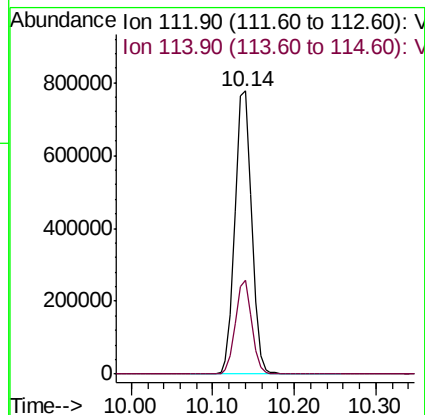
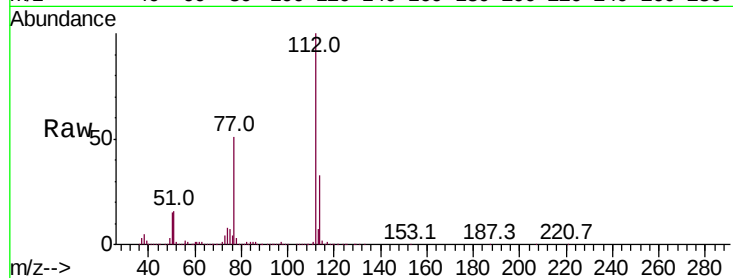
112 100

114 33.1 25.4 38.2

Manual Integrations
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#66

1,1,1,2-Tetrachloroethane

Concen: 52.279 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX006290.D

Acq: 05 Dec 2018 10:20

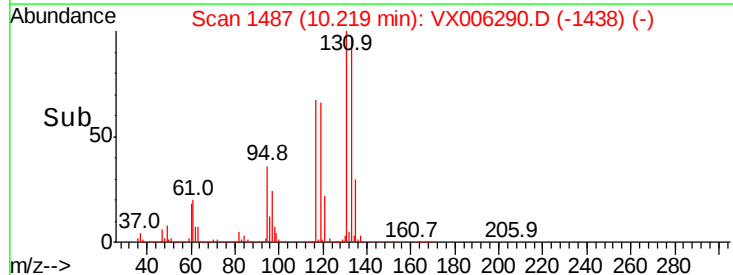
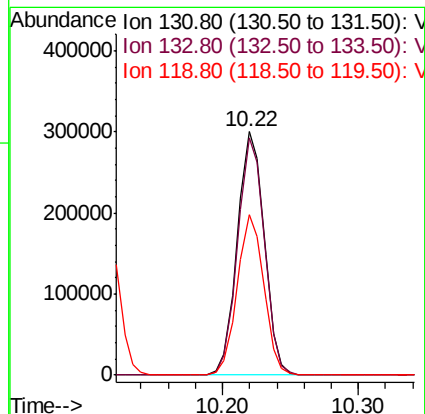
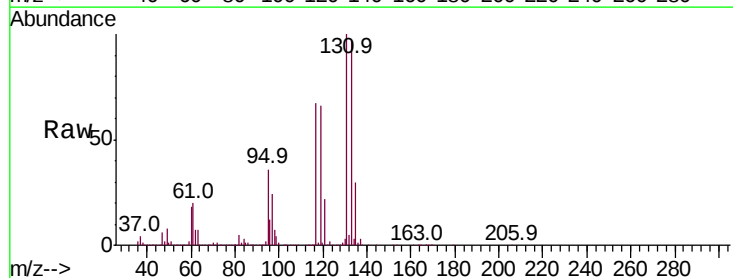
Tgt Ion:131 Resp: 414147

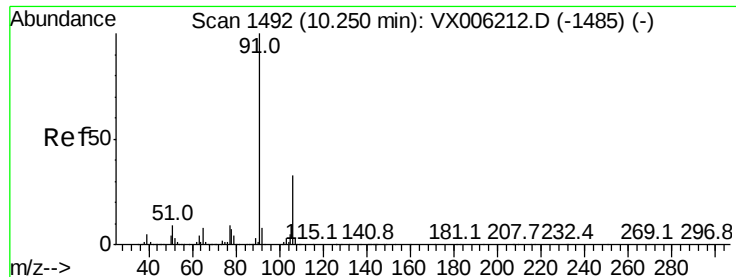
Ion Ratio Lower Upper

131 100

133 96.8 48.1 144.4

119 64.8 32.1 96.3





#67

Ethyl Benzene

Concen: 53.298 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX006290.D

Acq: 05 Dec 2018 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 1807383

Ion Ratio Lower Upper

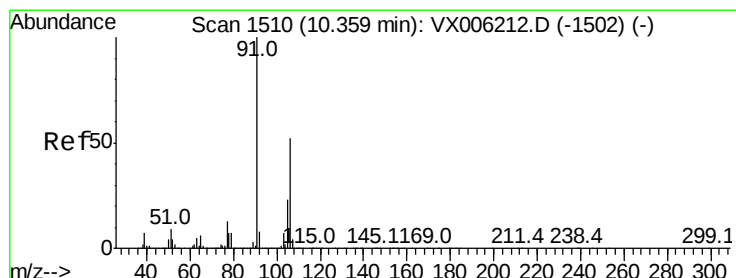
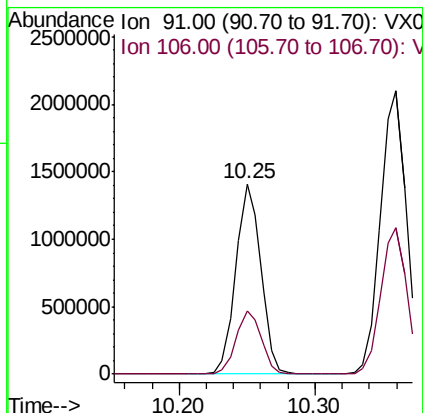
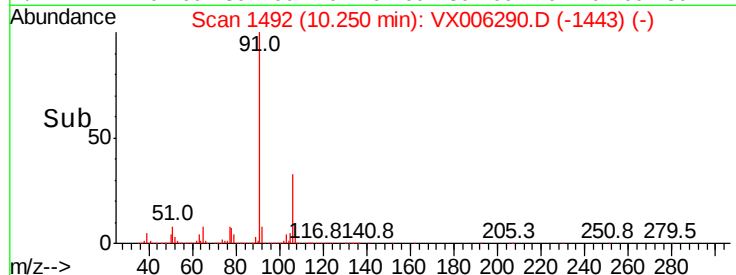
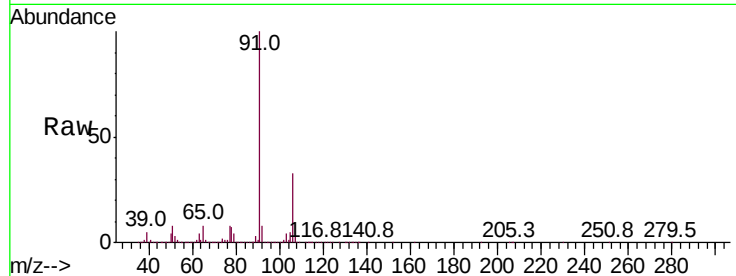
91 100

106 32.9 26.5 39.7

Manual Integrations
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#68

m/p-Xylenes

Concen: 106.355 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006290.D

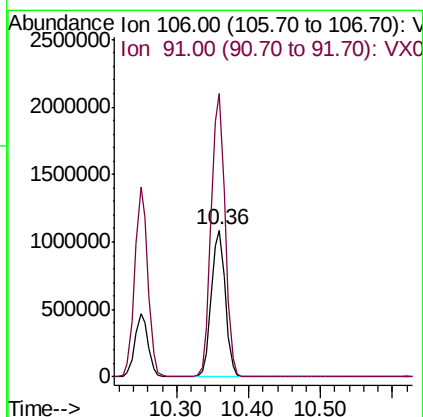
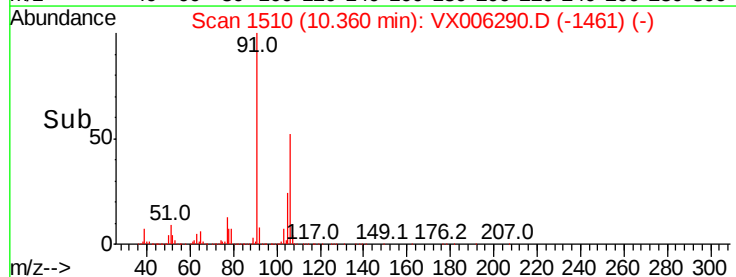
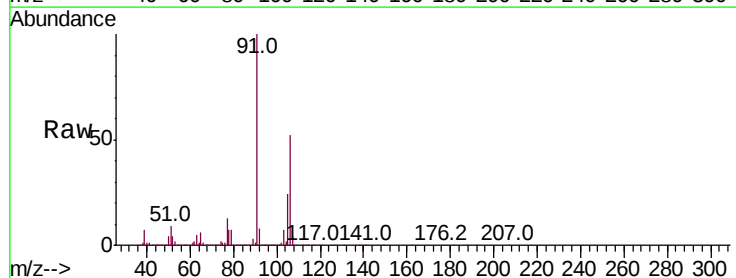
Acq: 05 Dec 2018 10:20

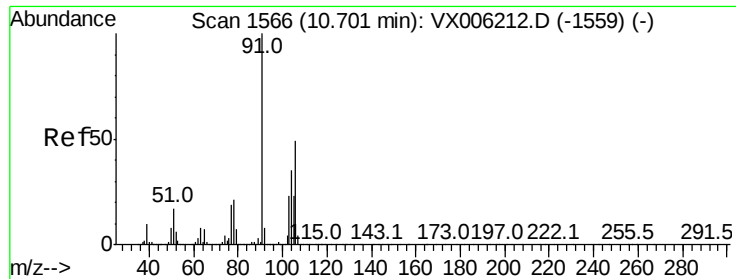
Tgt Ion: 106 Resp: 1444695

Ion Ratio Lower Upper

106 100

91 193.1 155.2 232.8





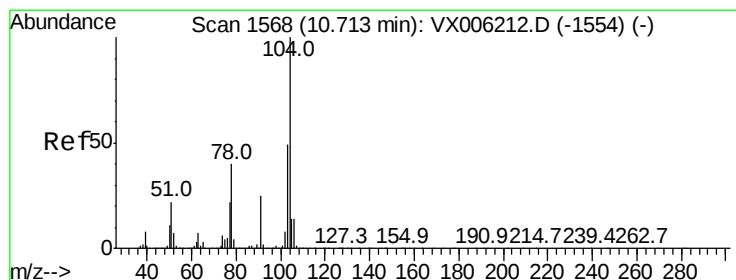
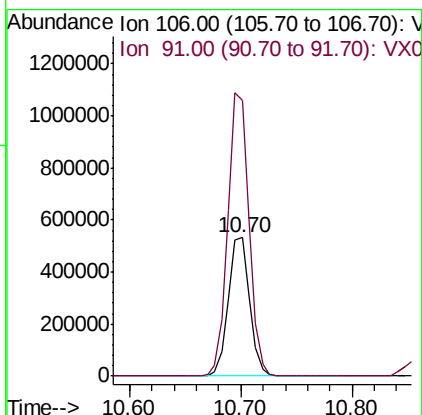
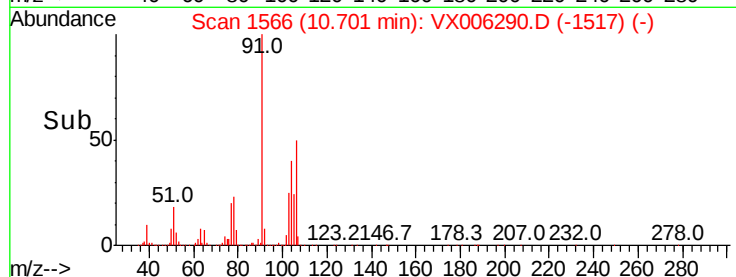
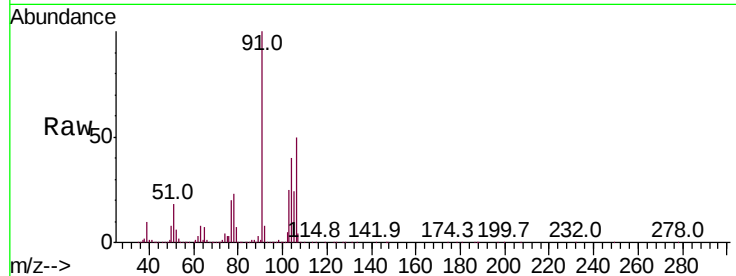
#69
o-Xylene
Concen: 52.550 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006290.D
Acq: 05 Dec 2018 10:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	203.5	101.8	305.6

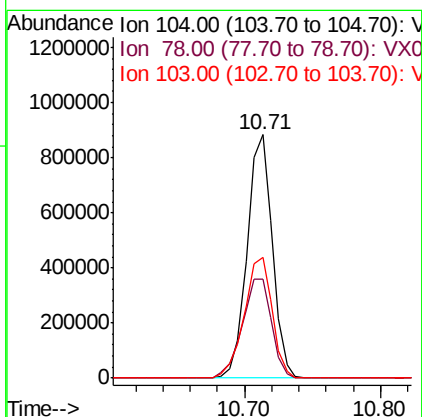
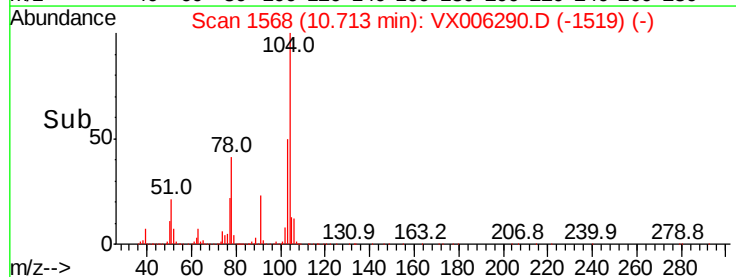
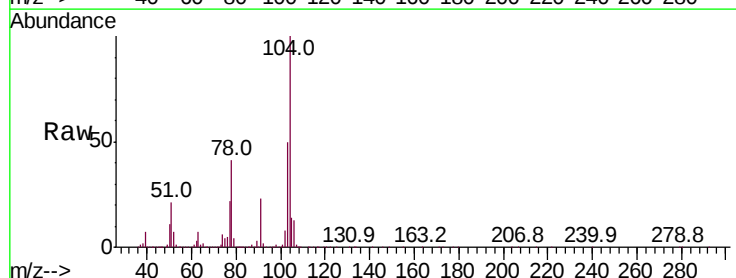
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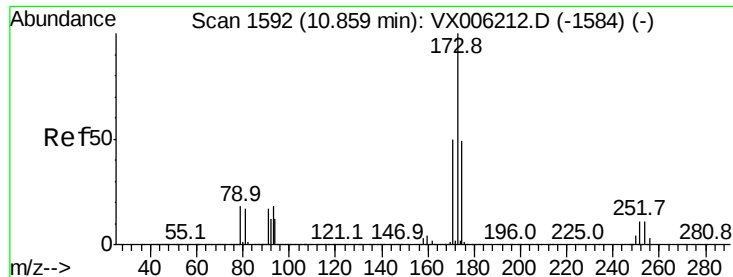
MMDadoda
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#70
Styrene
Concen: 52.889 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006290.D
Acq: 05 Dec 2018 10:20

Tgt Ion	Ratio	Lower	Upper
104	100		
78	47.1	37.2	55.8
103	54.9	43.5	65.3





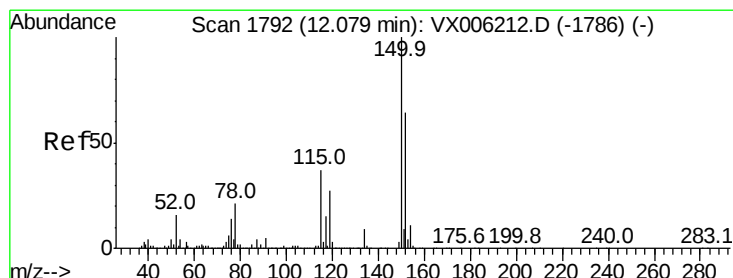
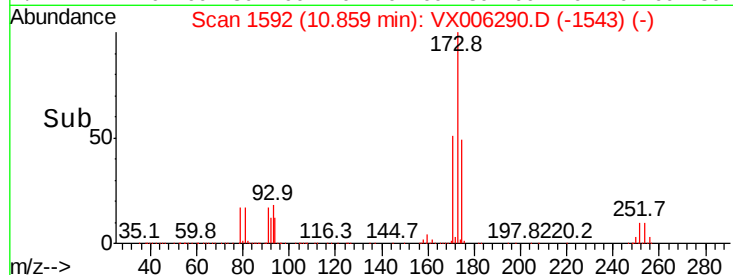
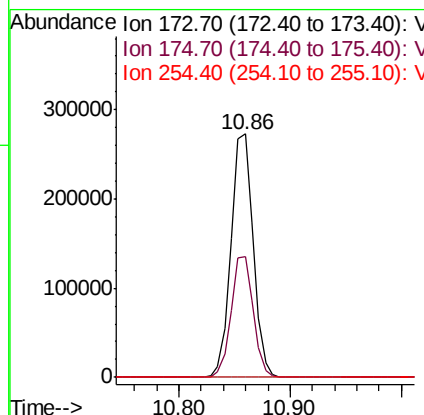
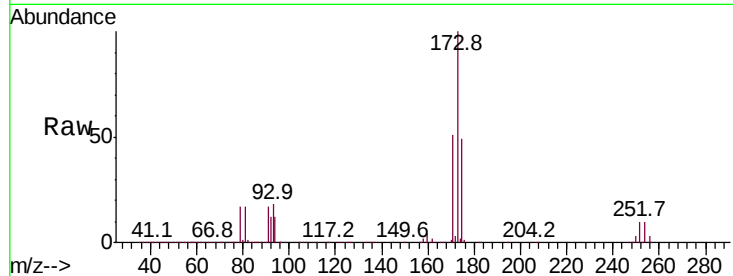
#71
Bromoform
Concen: 50.285 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. 0.00 min
Lab File: VX006290.D
Acq: 05 Dec 2018 10:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
173	100			
175	49.4	24.6	73.8	
254	0.2	0.2	0.2	

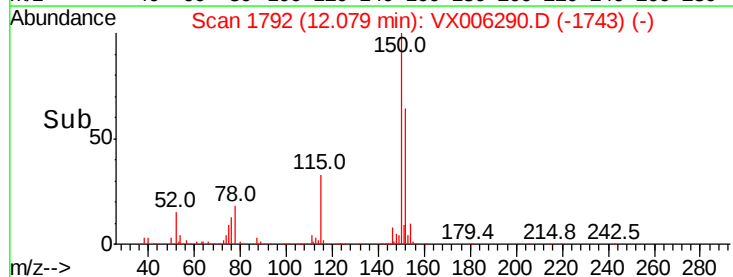
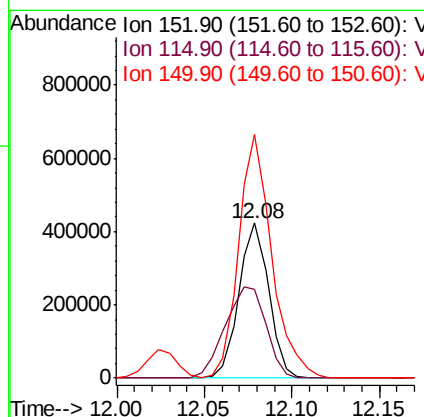
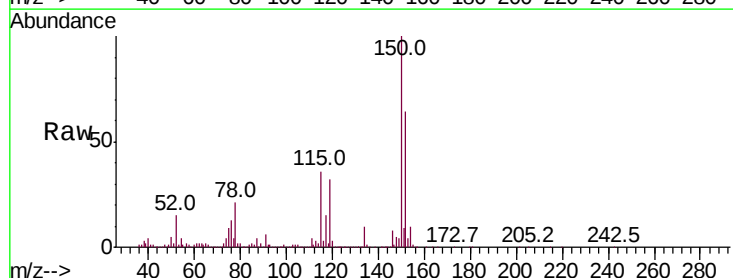
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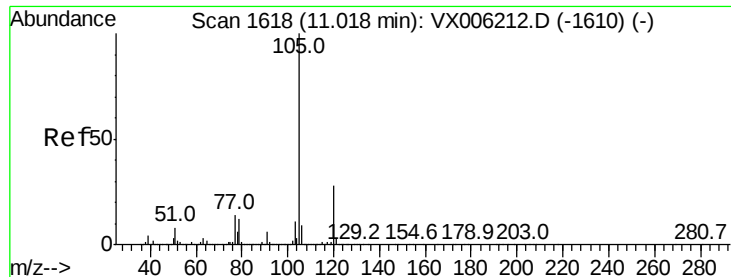
MMDadoda
12/7/2018 10:41:46 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006290.D
Acq: 05 Dec 2018 10:20

Tgt Ion	Ratio	Resp	Lower	Upper
152	100			
115	80.6	39.0	116.9	
150	174.5	0.0	345.8	





#73

Isopropylbenzene

Concen: 54.351 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006290.D

Acq: 05 Dec 2018 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1882846

Ion Ratio Lower Upper

105 100

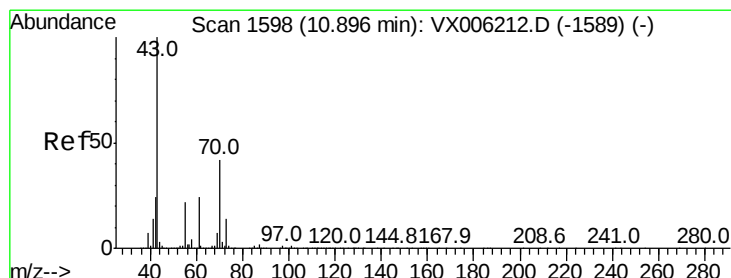
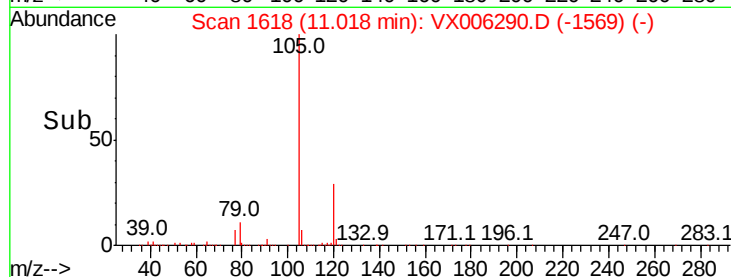
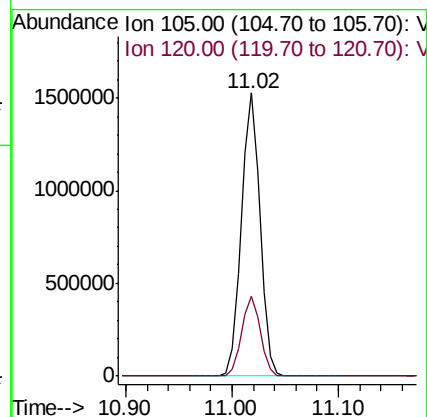
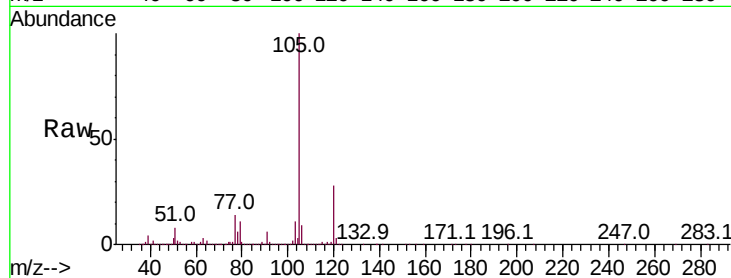
120 28.1 14.1 42.3

Manual Integrations

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#74

N-ethyl acetate

Concen: 48.427 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006290.D

Acq: 05 Dec 2018 10:20

Tgt Ion: 43 Resp: 722418

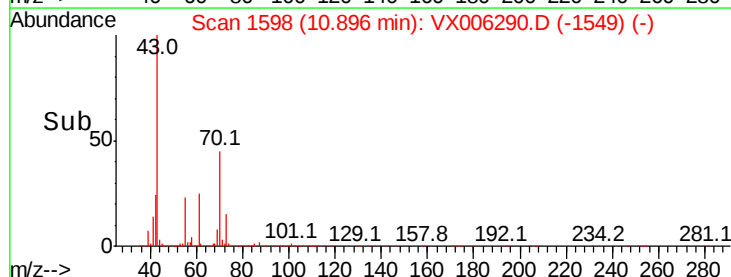
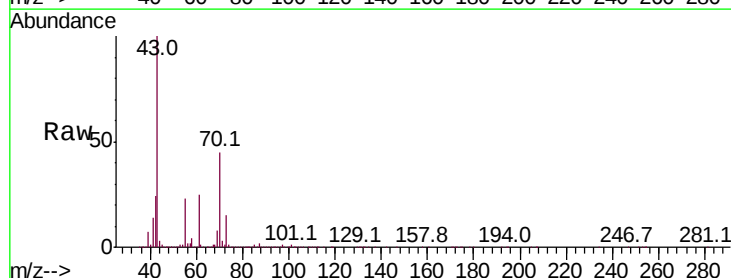
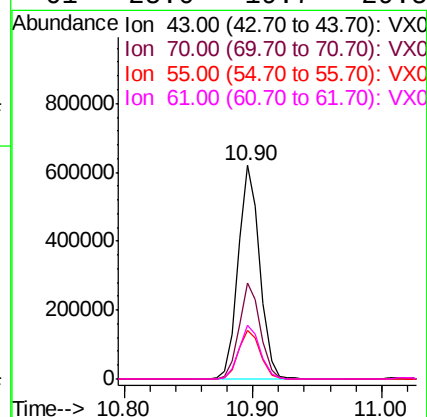
Ion Ratio Lower Upper

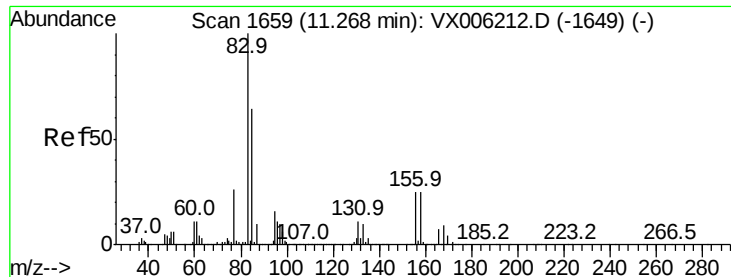
43 100

70 44.3 34.1 51.1

55 23.0 17.8 26.8

61 25.0 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 50.825 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006290.D

Acq: 05 Dec 2018 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 563286

Ion Ratio Lower Upper

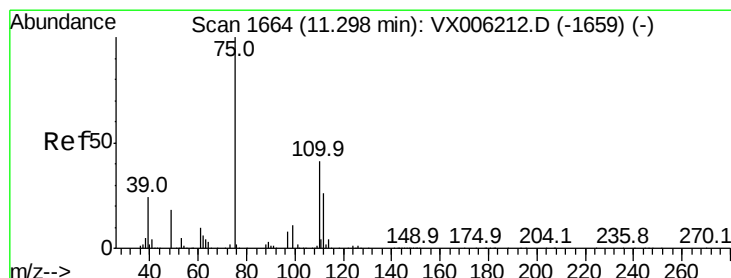
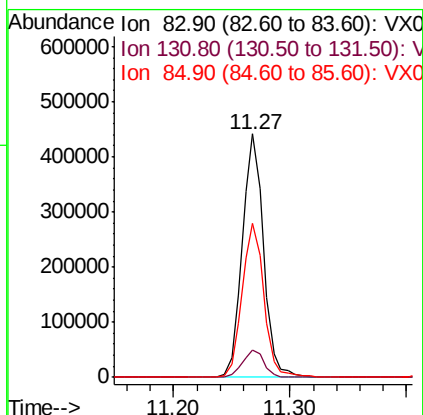
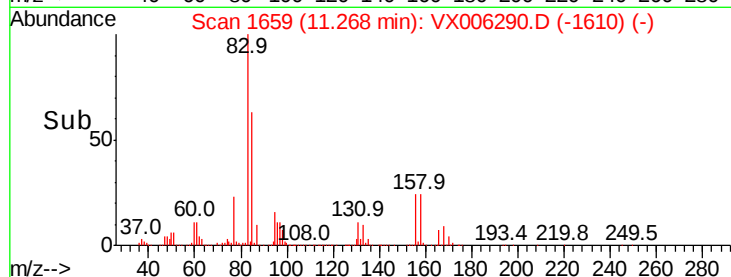
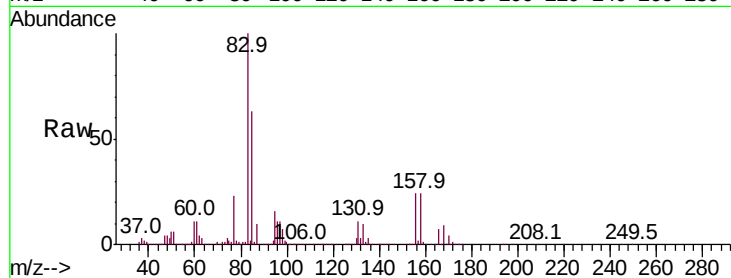
83 100

131 11.3 5.7 17.1

85 65.0 32.1 96.5

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 55.153 ug/l m

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX006290.D

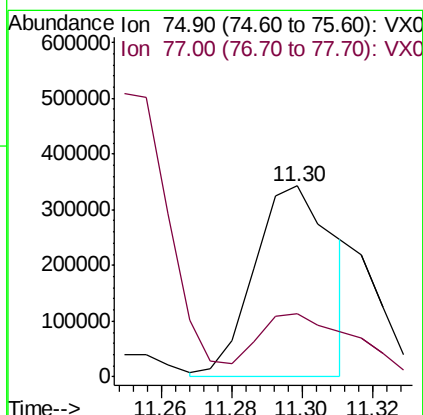
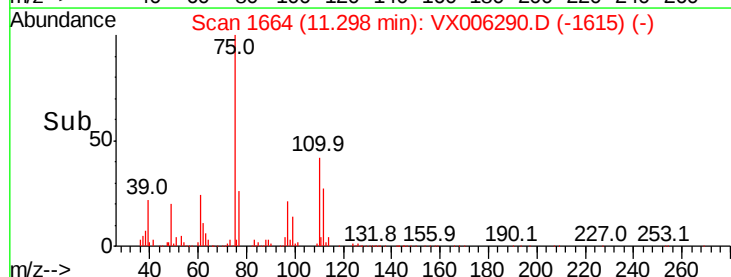
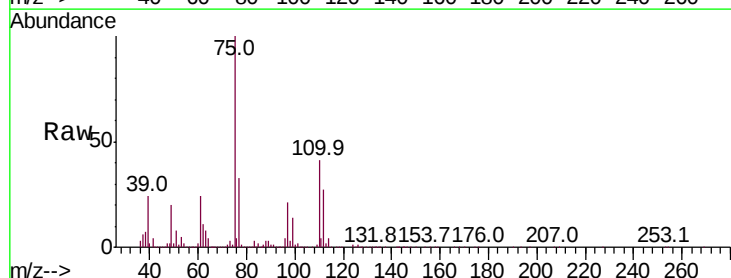
Acq: 05 Dec 2018 10:20

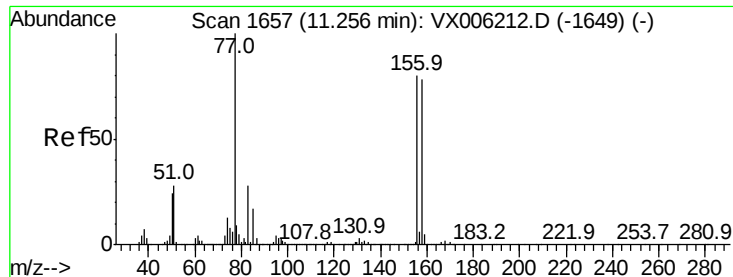
Tgt Ion: 75 Resp: 534015

Ion Ratio Lower Upper

75 100

77 40.1 19.9 59.7





#77

Bromobenzene

Concen: 52.633 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006290.D

Acq: 05 Dec 2018 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:156 Resp: 506008

Ion Ratio Lower Upper

156 100

77 134.7 66.2 198.6

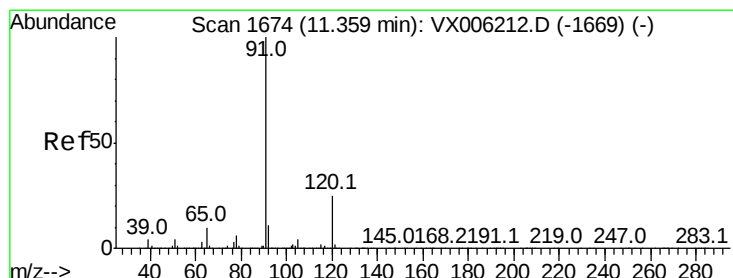
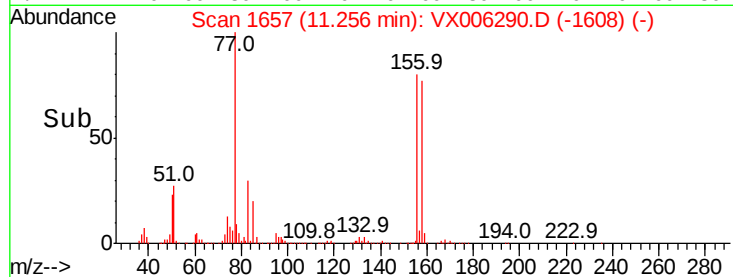
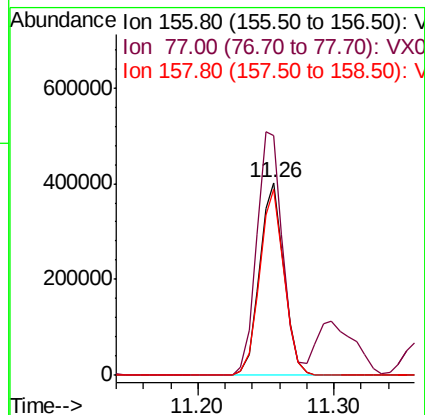
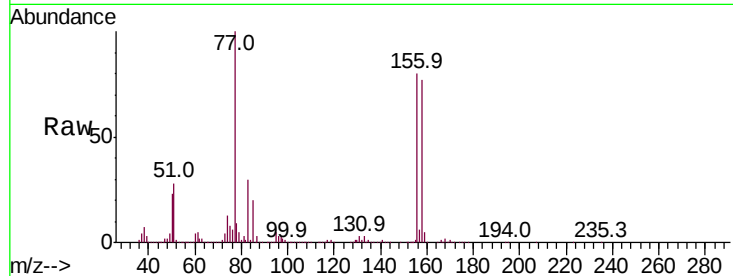
158 97.3 48.8 146.4

Manual Integrations

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#78

n-propylbenzene

Concen: 55.001 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006290.D

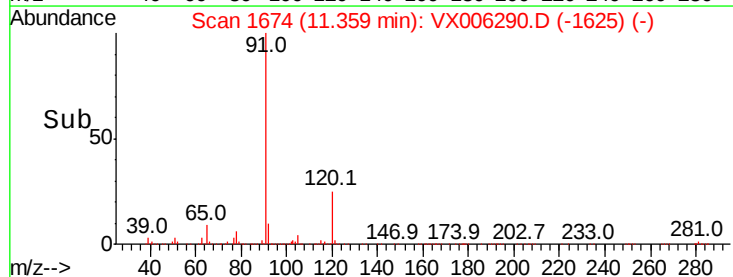
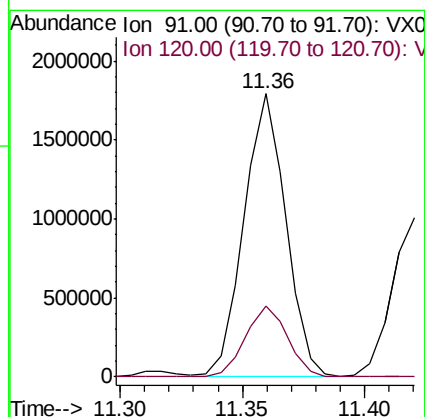
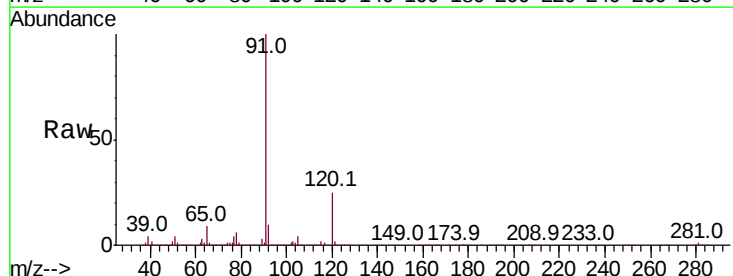
Acq: 05 Dec 2018 10:20

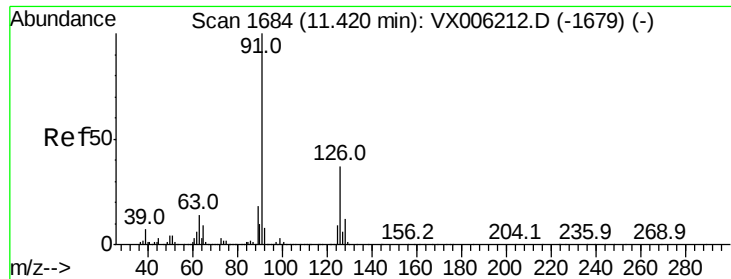
Tgt Ion: 91 Resp: 2118017

Ion Ratio Lower Upper

91 100

120 25.3 12.7 38.0





#79

2-Chlorotoluene

Concen: 53.449 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX006290.D

Acq: 05 Dec 2018 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 1223327

Ion Ratio Lower Upper

91 100

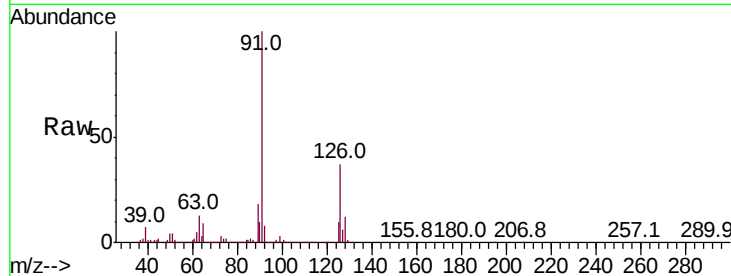
126 37.6 18.6 56.0

Manual Integrations

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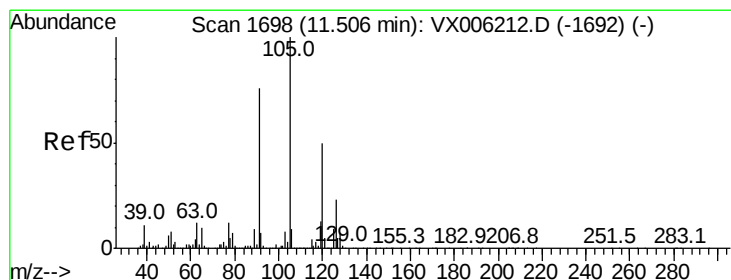
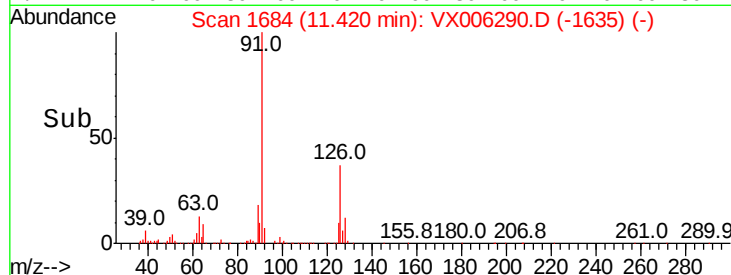
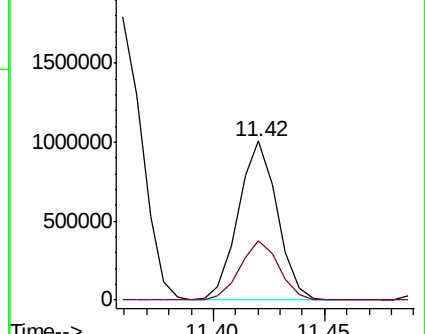
MMDadoda

12/7/2018 10:41:46 AM



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

Ion 125.90 (125.60 to 126.60): VX006212.D (-1679) (-)



#80

1,3,5-Trimethylbenzene

Concen: 53.900 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006290.D

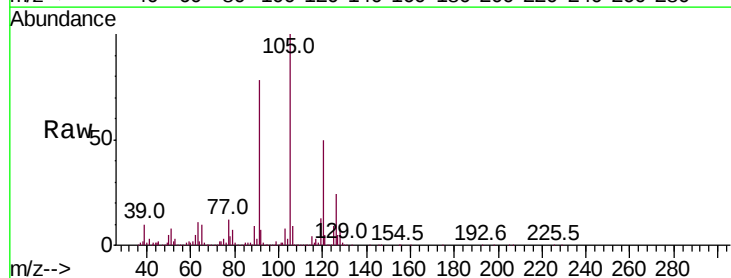
Acq: 05 Dec 2018 10:20

Tgt Ion: 105 Resp: 1553589

Ion Ratio Lower Upper

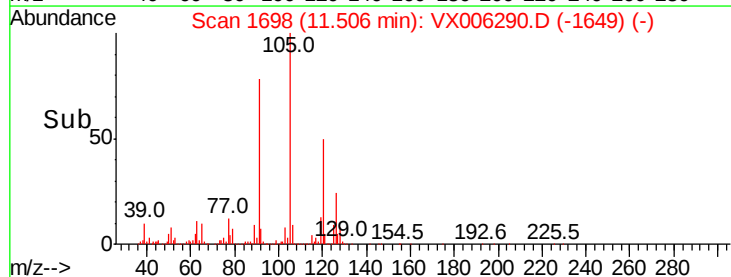
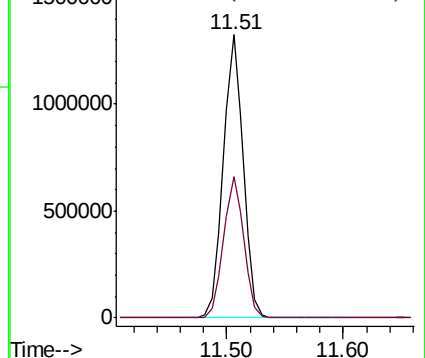
105 100

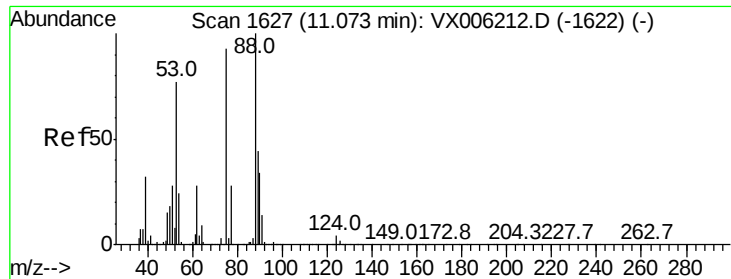
120 50.6 25.4 76.0



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

Ion 120.00 (119.70 to 120.70): VX006212.D (-1692) (-)





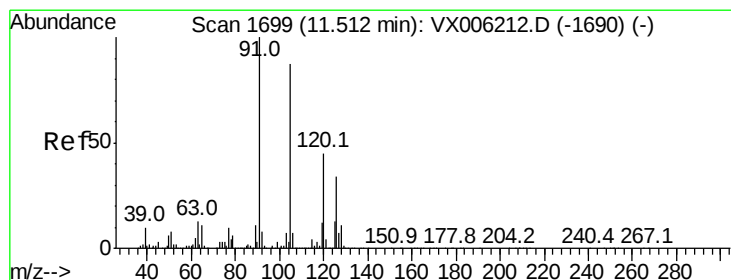
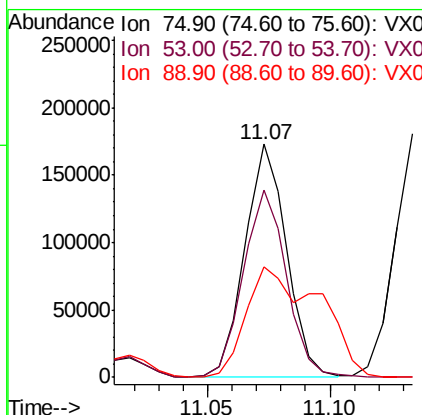
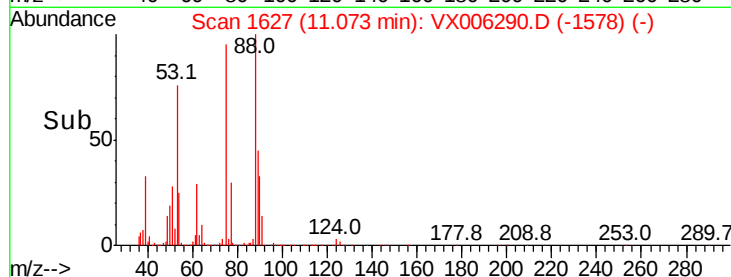
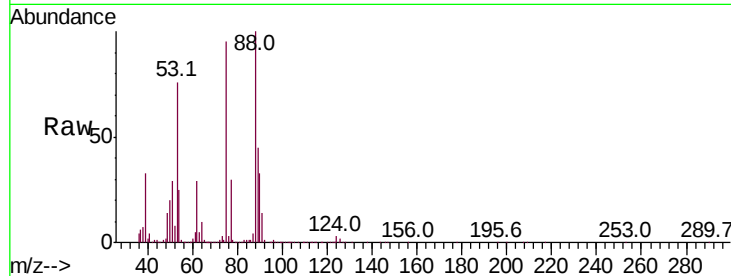
#81
trans-1,4-Dichloro-2-butene
Concen: 49.498 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX006290.D
Acq: 05 Dec 2018 10:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	83.1	64.4	96.6
89	83.6	44.2	66.4

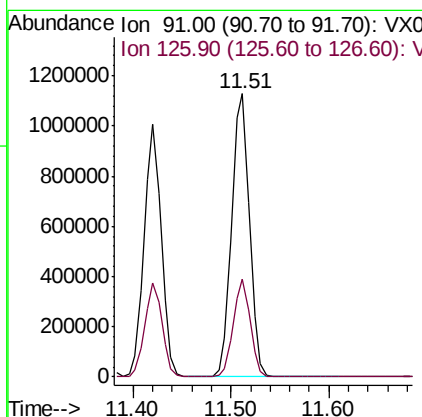
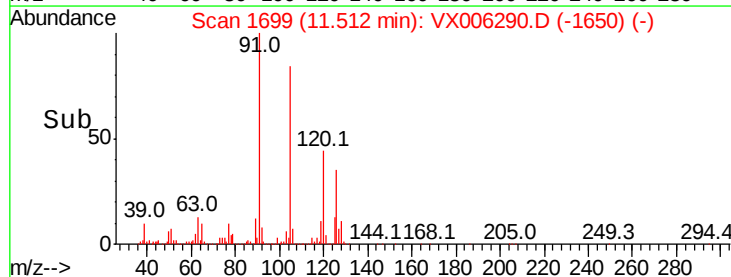
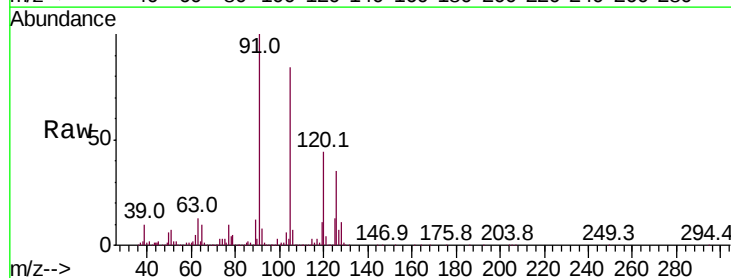
Manual Integrations
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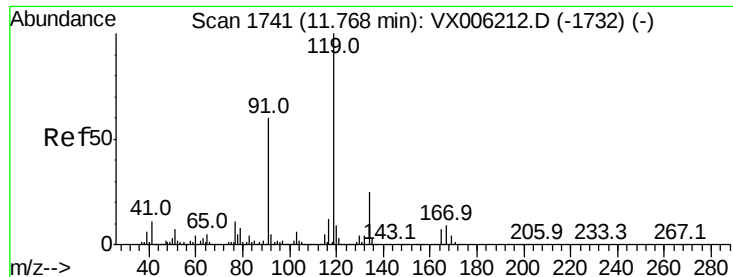
MMDadoda
12/7/2018 10:41:46 AM



#82
4-Chlorotoluene
Concen: 53.580 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX006290.D
Acq: 05 Dec 2018 10:20

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.8	16.4	49.4





#83

tert-Butylbenzene

Concen: 53.722 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX006290.D

Acq: 05 Dec 2018 10:20

Instrument :

MSVOA_X

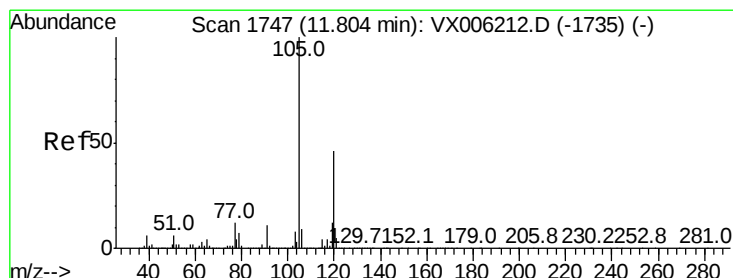
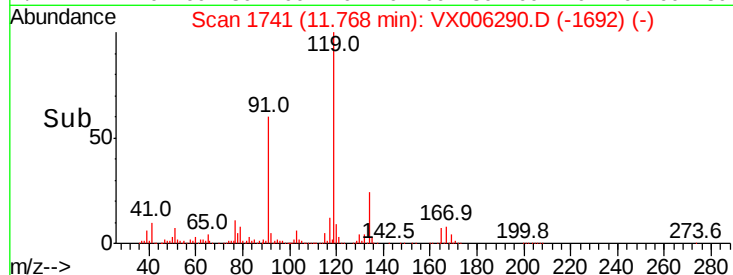
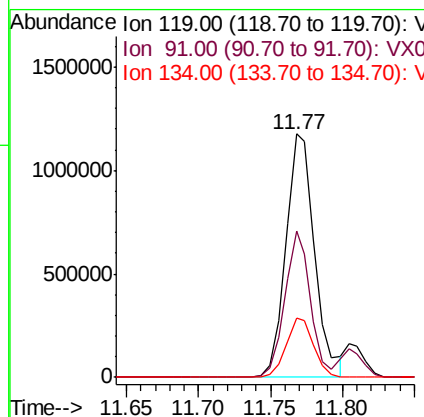
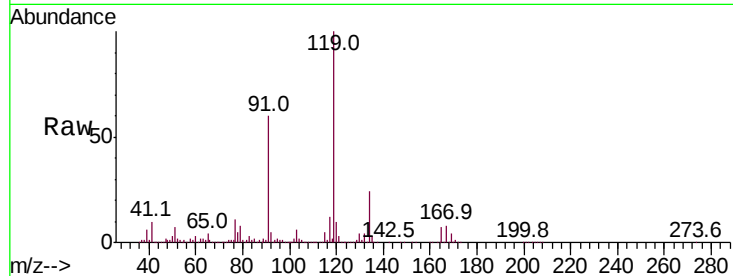
ClientSampleId :

VSTDCCC050

Tot Ion:	119	Resp:	1652152
Ion	Ratio	Lower	Upper
119	100		
91	53.3	26.4	79.2
134	23.0	11.6	34.7

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 53.617 ug/l

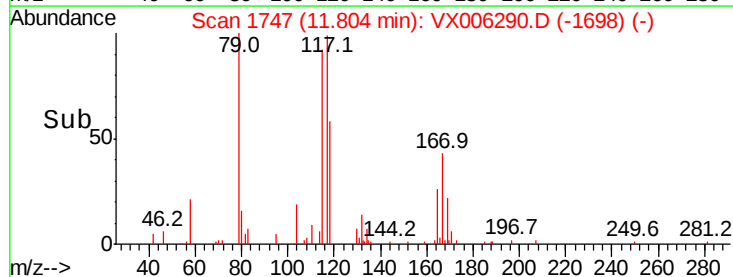
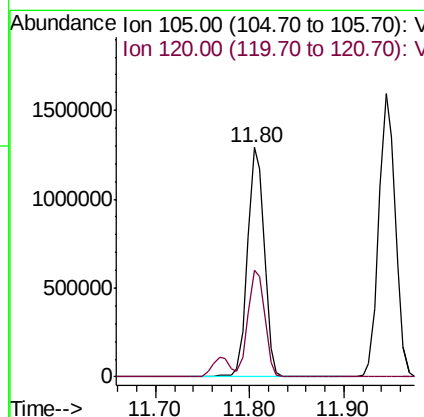
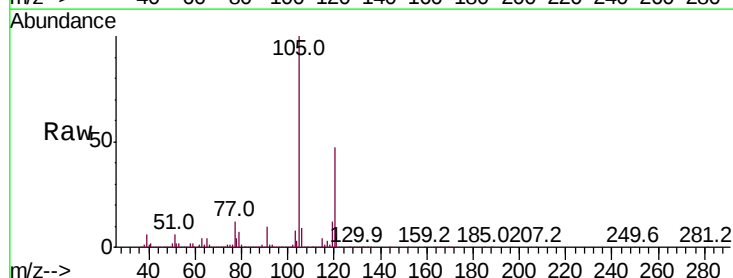
RT: 11.80 min Scan# 1747

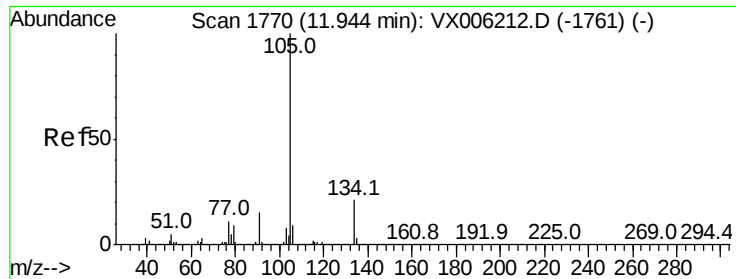
Delta R.T. 0.00 min

Lab File: VX006290.D

Acq: 05 Dec 2018 10:20

Tgt Ion:	105	Resp:	1595790
Ion	Ratio	Lower	Upper
105	100		
120	46.5	23.4	70.0





#85

sec-Butylbenzene

Concen: 55.456 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006290.D

Acq: 05 Dec 2018 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1940231

Ion Ratio Lower Upper

105 100

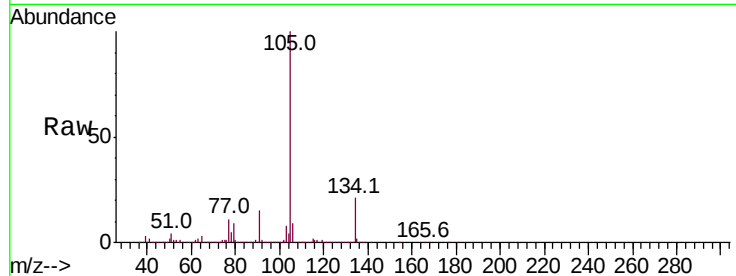
134 21.6 10.8 32.4

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

11.94

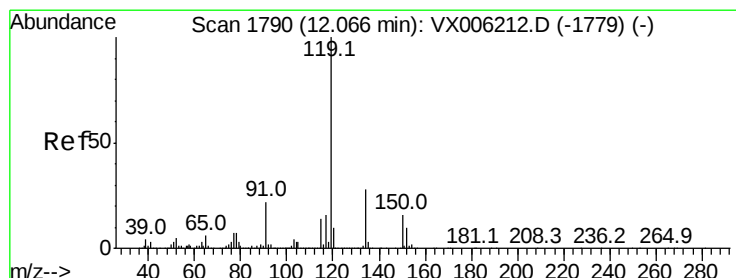
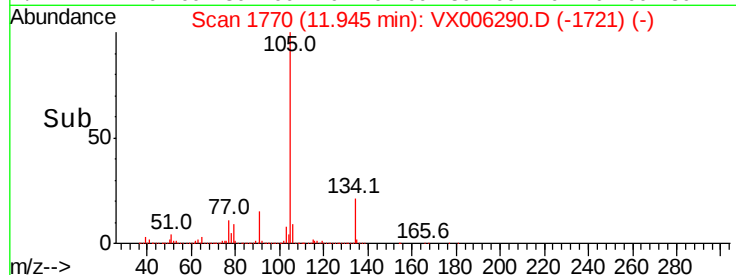
1500000

1000000

500000

0

Time-->



#86

p-Isopropyltoluene

Concen: 55.318 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX006290.D

Acq: 05 Dec 2018 10:20

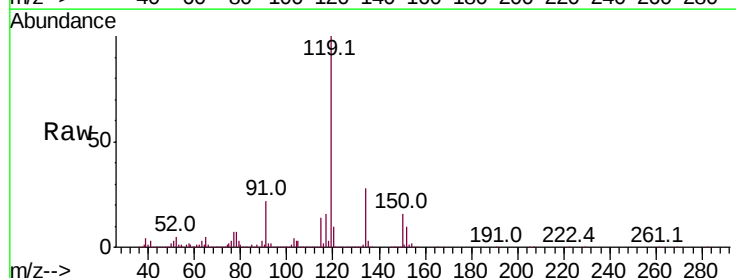
Tgt Ion:119 Resp: 1742761

Ion Ratio Lower Upper

119 100

134 27.9 13.9 41.6

91 22.6 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

12.07

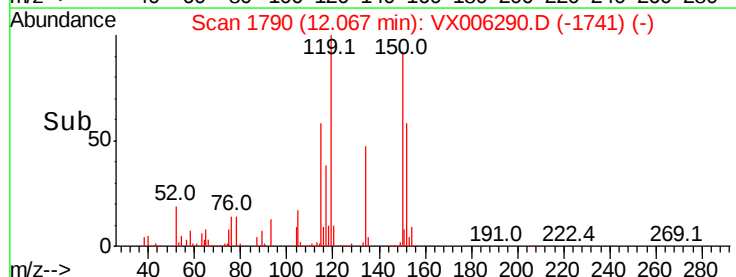
1500000

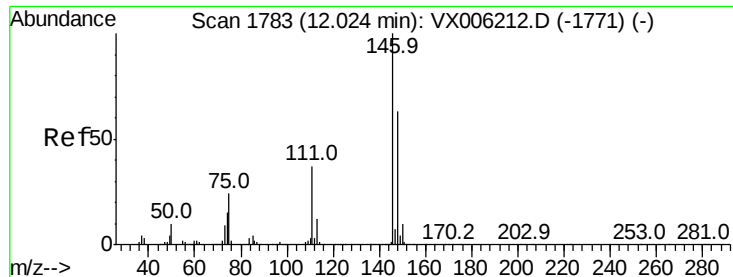
1000000

500000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 53.393 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX006290.D

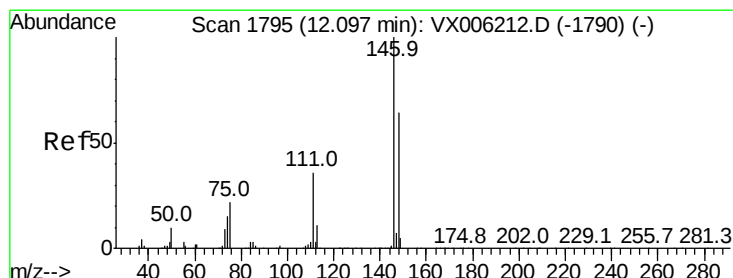
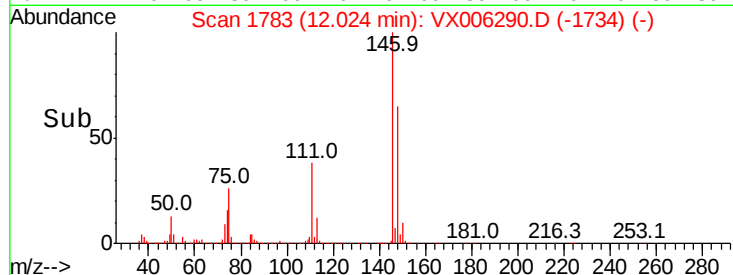
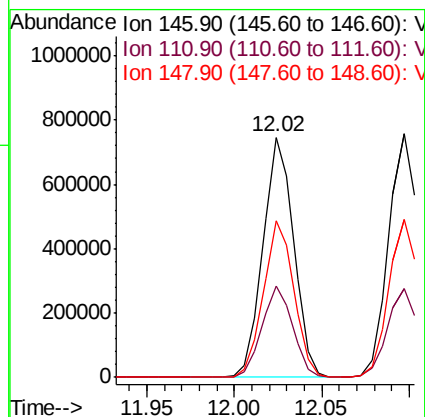
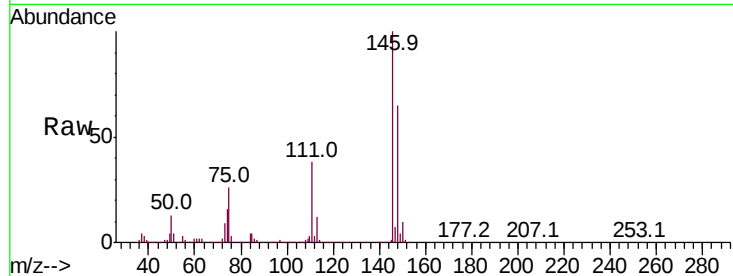
Acq: 05 Dec 2018 10:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	913382		
111	37.8	18.4	55.2	
148	64.7	32.0	96.0	

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 52.637 ug/l

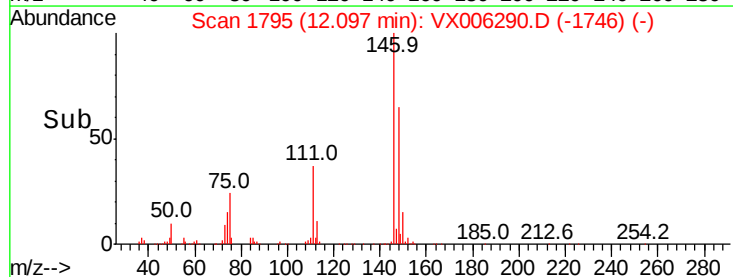
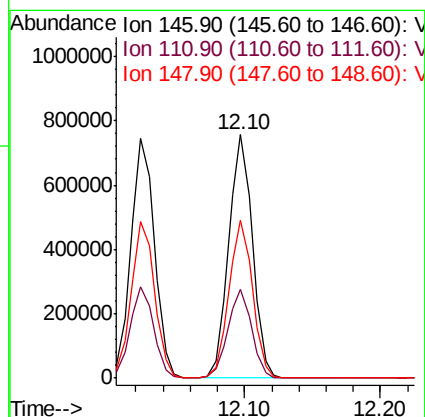
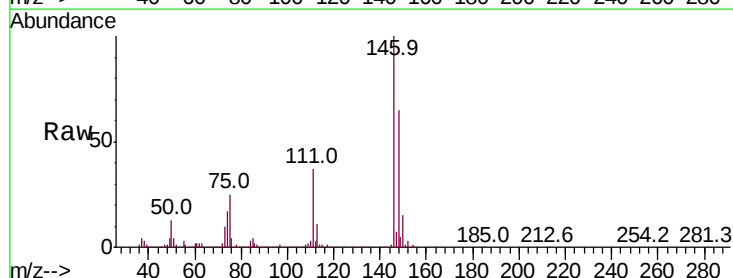
RT: 12.10 min Scan# 1795

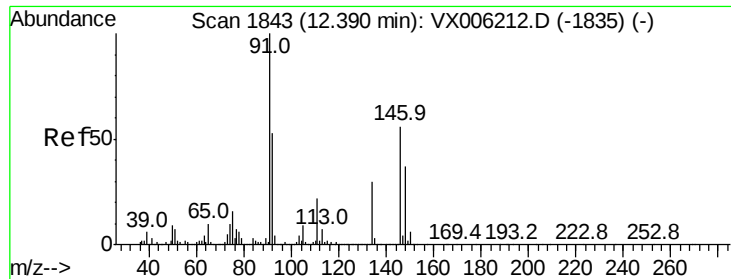
Delta R.T. 0.00 min

Lab File: VX006290.D

Acq: 05 Dec 2018 10:20

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	913931		
111	36.7	18.3	54.8	
148	64.5	31.9	95.9	





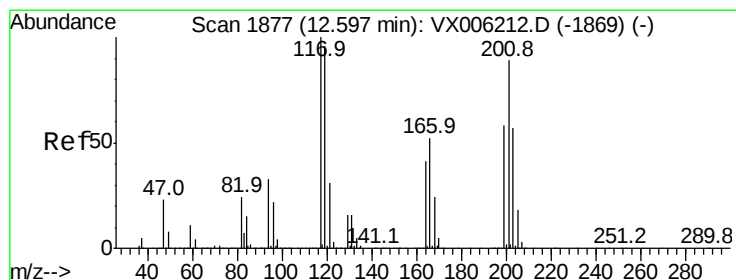
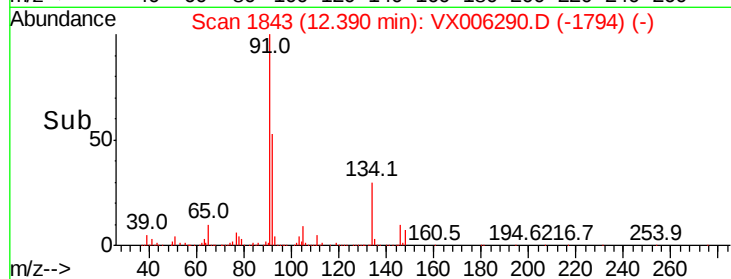
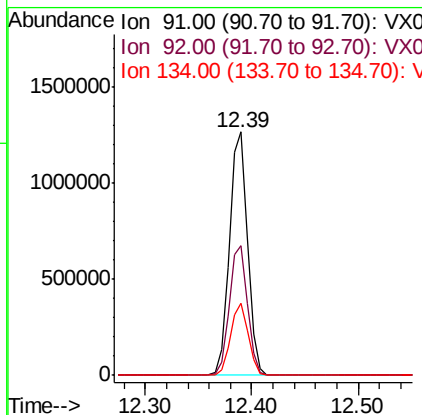
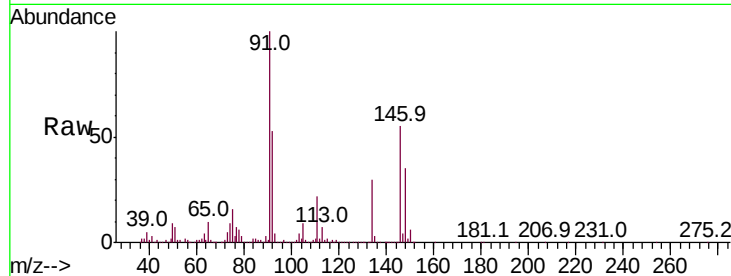
#89
n-Butylbenzene
Concen: 55.939 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX006290.D
Acq: 05 Dec 2018 10:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 1503678
Ion Ratio Lower Upper
91 100
92 53.5 26.6 79.8
134 29.0 14.8 44.3

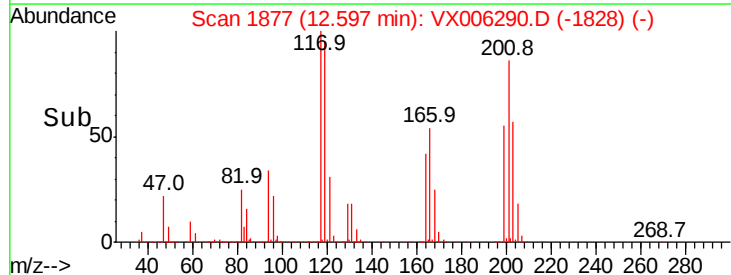
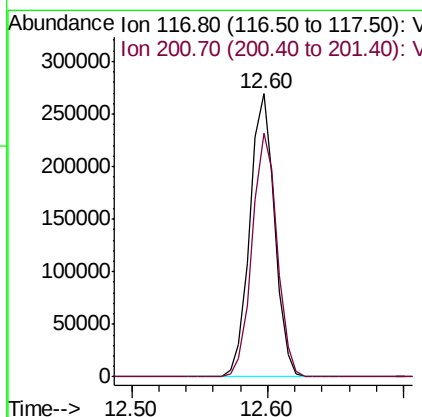
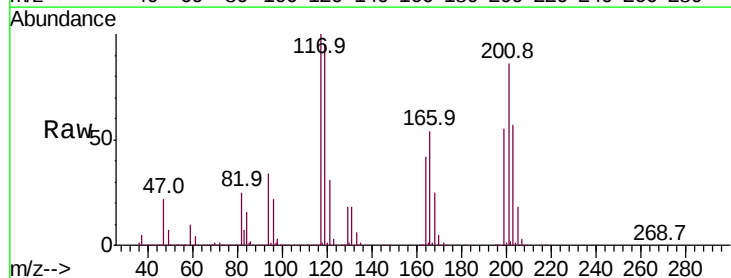
Manual Integrations
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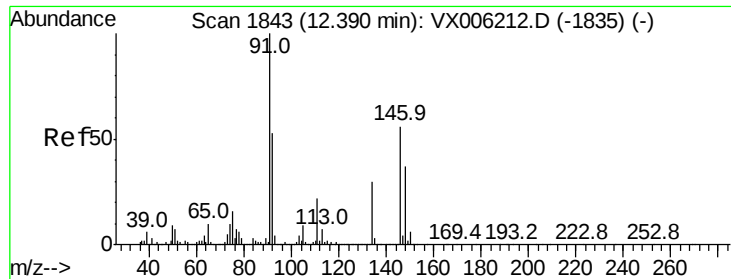
MMDadoda
12/7/2018 10:41:46 AM



#90
Hexachloroethane
Concen: 53.556 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006290.D
Acq: 05 Dec 2018 10:20

Tgt Ion: 117 Resp: 343877
Ion Ratio Lower Upper
117 100
201 87.1 44.7 134.1





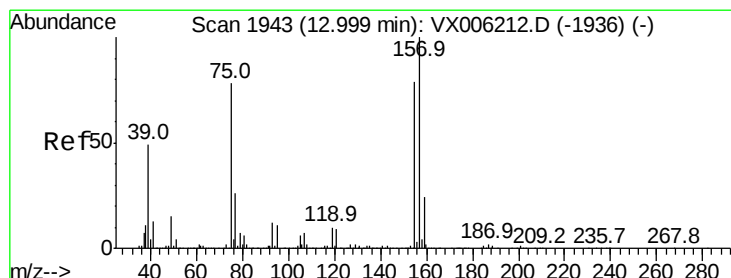
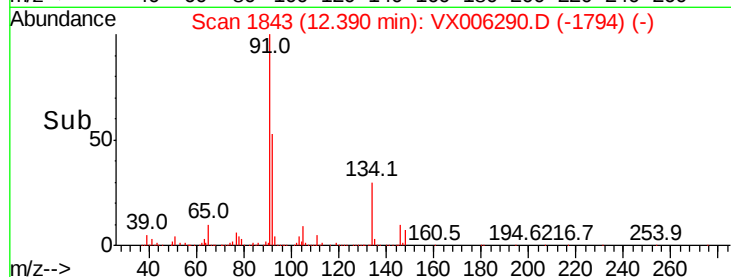
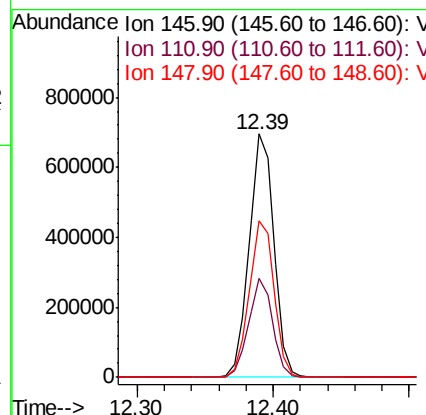
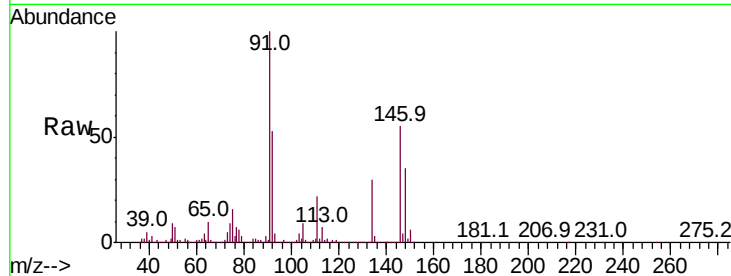
#91
 1,2-Dichlorobenzene
 Concen: 52.079 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX006290.D
 Acq: 05 Dec 2018 10:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.1	57.3
148	64.5	32.1	96.3

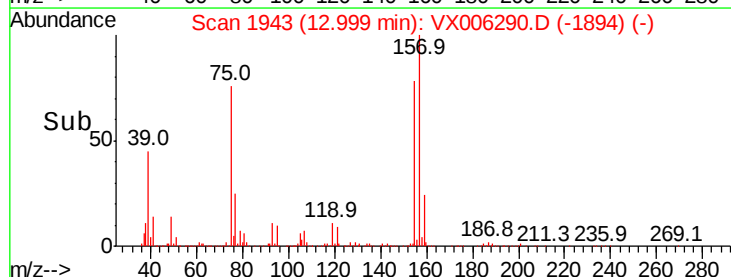
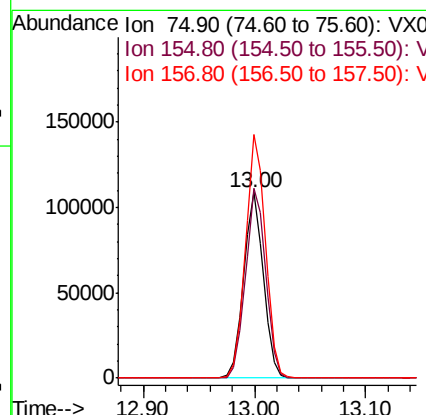
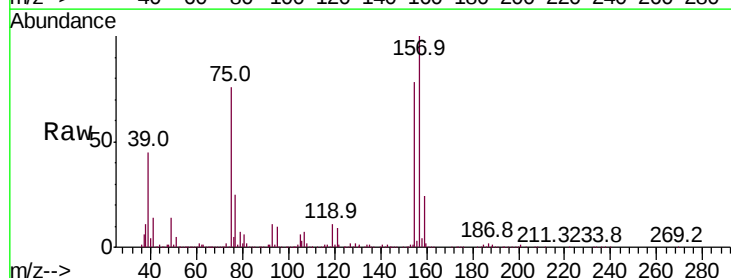
Manual Integrations
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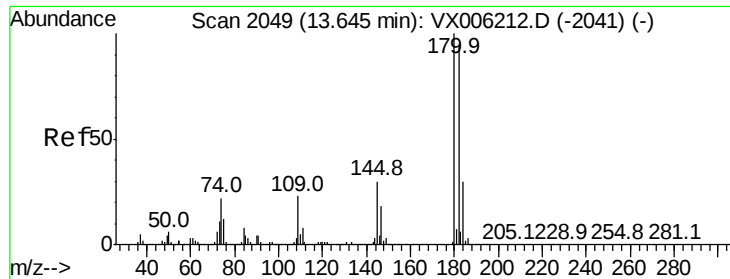
MMDadoda
 12/7/2018 10:41:46 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.739 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX006290.D
 Acq: 05 Dec 2018 10:20

Tgt Ion	Ratio	Lower	Upper
75	100		
155	105.2	53.4	160.3
157	133.0	68.0	203.8





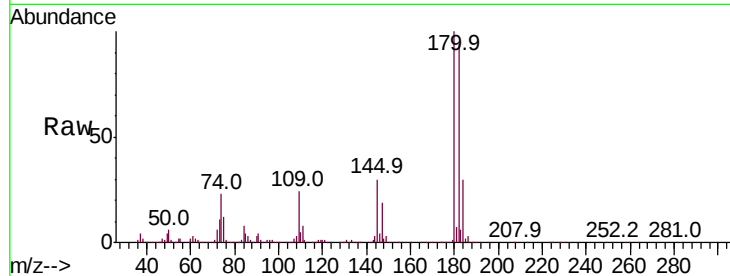
#93
 1,2,4-Trichlorobenzene
 Concen: 53.404 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX006290.D
 Acq: 05 Dec 2018 10:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

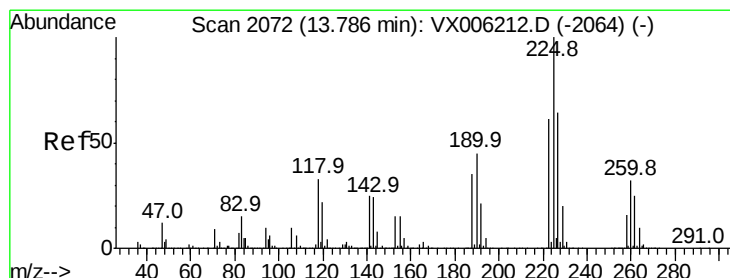
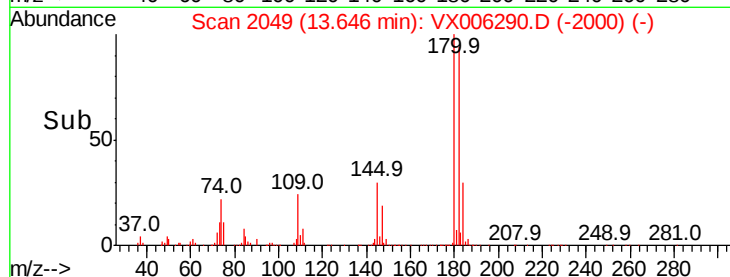
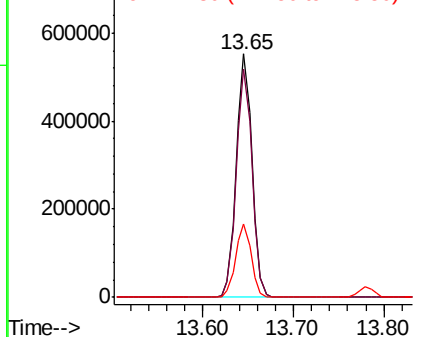
Tot Ion	Ratio	Resp	Lower	Upper
180	100	661476		
182	94.7	47.3	141.9	
145	30.2	14.6	43.8	

Manual Integrations
 APPROVED

MMDadoda
 12/7/2018 10:41:46 AM

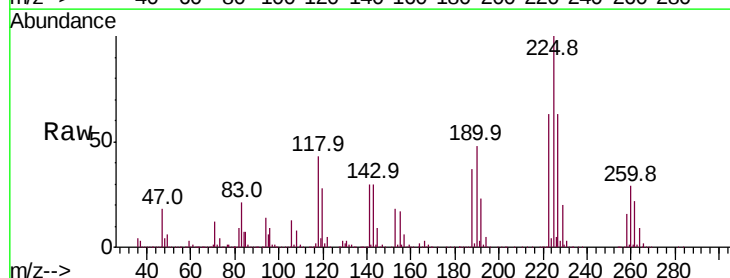


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

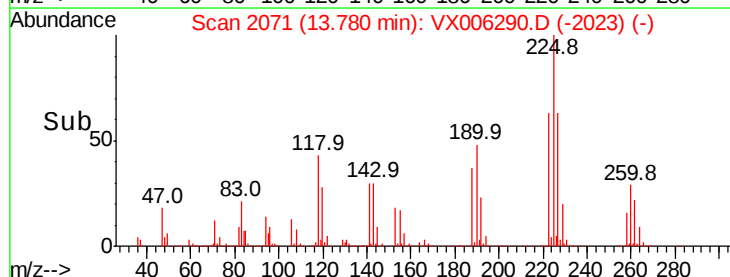
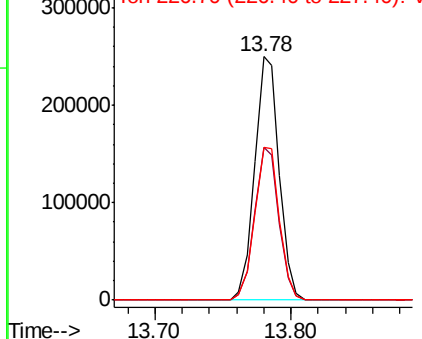


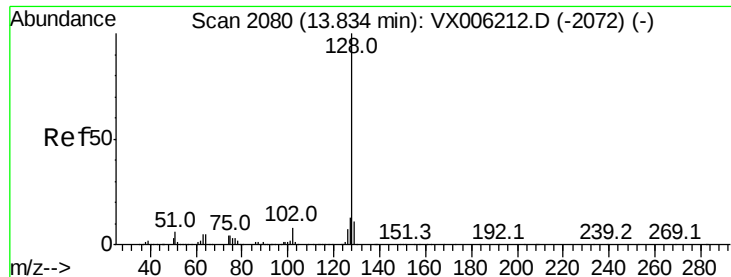
#94
 Hexachlorobutadiene
 Concen: 57.735 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VX006290.D
 Acq: 05 Dec 2018 10:20

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	316255		
223	62.3	31.2	93.6	
227	63.5	31.9	95.5	



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





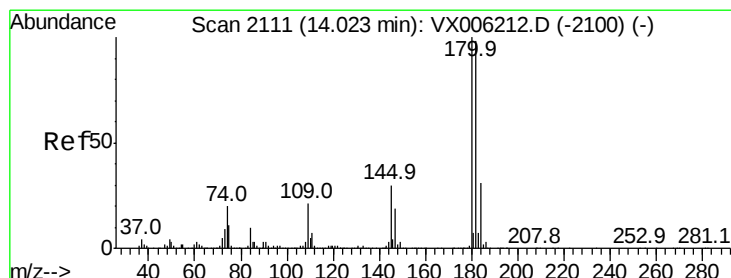
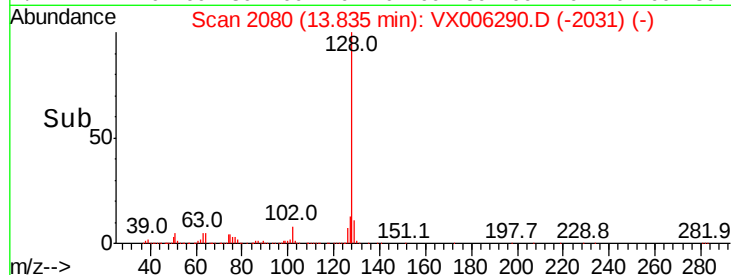
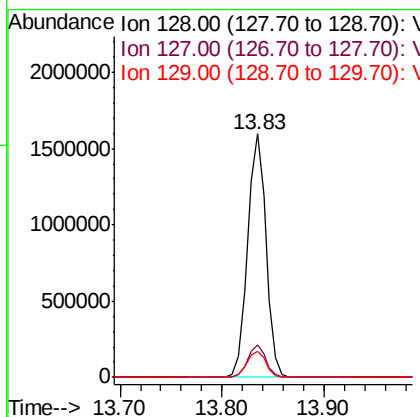
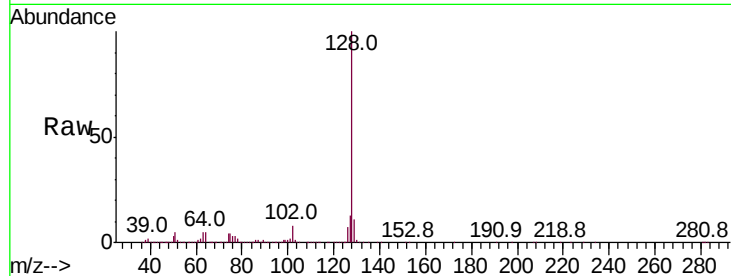
#95
Naphthalene
Concen: 51.852 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX006290.D
Acq: 05 Dec 2018 10:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.4
129	10.9	8.9	13.3

Manual Integrations
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12/7/2018 10:41:46 AM



#96
1,2,3-Trichlorobenzene
Concen: 52.880 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.01 min
Lab File: VX006290.D
Acq: 05 Dec 2018 10:20

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	48.4	145.2
145	31.9	15.6	46.8

