

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX122118\
 Data File : VX006713.D
 Acq On : 21 Dec 2018 09:07
 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
 12/22/2018 11:20:53 AM

Quant Time: Dec 22 04:18:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	654895	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	954779	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	852706	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	439290	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	329704	46.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.42%	
35) Dibromofluoromethane	5.50	113	306904	50.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.66%	
50) Toluene-d8	8.71	98	1135246	49.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.74%	
62) 4-Bromofluorobenzene	11.13	95	403686	48.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	267091	44.581	ug/l	98
3) Chloromethane	1.33	50	262937	40.737	ug/l	99
4) Vinyl Chloride	1.41	62	304193	45.125	ug/l	100
5) Bromomethane	1.64	94	274823	43.434	ug/l	97
6) Chloroethane	1.71	64	197286	42.266	ug/l	95
7) Trichlorofluoromethane	1.93	101	495014	47.099	ug/l	97
8) Diethyl Ether	2.19	74	190300	45.587	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	299816	48.585	ug/l	100
10) Methyl Iodide	2.51	142	285829	32.357	ug/l	99
11) Tert butyl alcohol	3.07	59	367803	233.497	ug/l	99
12) 1,1-Dichloroethene	2.37	96	268411	45.872	ug/l	98
13) Acrolein	2.29	56	208078	195.813	ug/l	99
14) Allyl chloride	2.73	41	463550	47.065	ug/l	99
15) Acrylonitrile	3.15	53	849500	242.893	ug/l	100
16) Acetone	2.45	43	918082	283.119	ug/l	98
17) Carbon Disulfide	2.57	76	651765	42.091	ug/l	100
18) Methyl Acetate	2.78	43	474915	49.806	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	950493	48.943	ug/l	99
20) Methylene Chloride	2.85	84	300620	44.832	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	288641	44.521	ug/l	97
22) Diisopropyl ether	3.87	45	875789	48.605	ug/l	93
23) Vinyl Acetate	3.82	43	3581621	243.012	ug/l	99
24) 1,1-Dichloroethane	3.70	63	499585	46.447	ug/l	99
25) 2-Butanone	4.70	43	1162620	254.886	ug/l	100
26) 2,2-Dichloropropane	4.59	77	385541	46.402	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	335951	46.966	ug/l	100
28) Bromochloromethane	5.02	49	224287	49.445	ug/l	99
29) Tetrahydrofuran	5.15	42	726204	241.727	ug/l	99
30) Chloroform	5.21	83	523622	47.010	ug/l	98
31) Cyclohexane	5.57	56	450108	46.062	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	447141	47.542	ug/l	99
36) 1,1-Dichloropropene	5.80	75	389819	49.296	ug/l	99
37) Ethyl Acetate	4.85	43	414412	50.350	ug/l	99
38) Carbon Tetrachloride	5.78	117	387207	50.384	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	514450	49.415	ug/l	98
40) Benzene	6.14	78	1186039	49.342	ug/l	97
41) Methacrylonitrile	5.06	41	232464	53.198	ug/l	98
42) 1,2-Dichloroethane	6.20	62	394780	48.198	ug/l	100
43) Isopropyl Acetate	6.46	43	663047	52.946	ug/l	99
44) Trichloroethene	7.21	130	351535	48.319	ug/l	96
45) 1,2-Dichloropropane	7.51	63	297241	50.816	ug/l	97
46) Dibromomethane	7.66	93	209947	48.796	ug/l	98
47) Bromodichloromethane	7.90	83	362831	50.794	ug/l	96
48) Methyl methacrylate	7.77	41	334926	52.592	ug/l	99
49) 1,4-Dioxane	7.75	88	167705	1006.610	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	2077678	260.749	ug/l	99
52) Toluene	8.79	92	778727	50.147	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	407933	53.248	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	453879	53.994	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	315392	49.619	ug/l	98
56) Ethyl methacrylate	9.18	69	464689	51.725	ug/l	97
57) 1,3-Dichloropropane	9.37	76	500805	48.971	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	1209772	253.330	ug/l	100
59) 2-Hexanone	9.49	43	1619445	265.633	ug/l	100
60) Dibromochloromethane	9.59	129	316158	47.671	ug/l	98
61) 1,2-Dibromoethane	9.67	107	345291	51.102	ug/l	99
64) Tetrachloroethene	9.34	164	336496	49.836	ug/l	97
65) Chlorobenzene	10.14	112	900464	49.916	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	309555	54.999	ug/l	99
67) Ethyl Benzene	10.25	91	1481490	50.257	ug/l	99
68) m/p-Xylenes	10.36	106	1168380	100.445	ug/l	100
69) o-Xylene	10.70	106	570406	49.660	ug/l	98
70) Styrene	10.71	104	918992	50.572	ug/l	99
71) Bromoform	10.86	173	228361	45.429	ug/l #	100
73) Isopropylbenzene	11.02	105	1528961	50.876	ug/l	99
74) N-amyl acetate	10.90	43	581427	54.050	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	456021	51.022	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	420848m	51.550	ug/l	
77) Bromobenzene	11.26	156	401841	49.458	ug/l	99
78) n-propylbenzene	11.36	91	1719860	51.969	ug/l	99
79) 2-Chlorotoluene	11.42	91	989941	49.361	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1258286	50.833	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	119464	44.996	ug/l	97
82) 4-Chlorotoluene	11.51	91	1148343	49.917	ug/l	100
83) tert-Butylbenzene	11.77	119	1279544	51.648	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1286486	49.411	ug/l	100
85) sec-Butylbenzene	11.94	105	1549260	51.005	ug/l	100
86) p-Isopropyltoluene	12.07	119	1402019	52.509	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	731959	49.987	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	729965	48.628	ug/l	99
89) n-Butylbenzene	12.39	91	1222556	53.802	ug/l	99
90) Hexachloroethane	12.60	117	198901	47.756	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	709383	48.428	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	95192	51.474	ug/l	98

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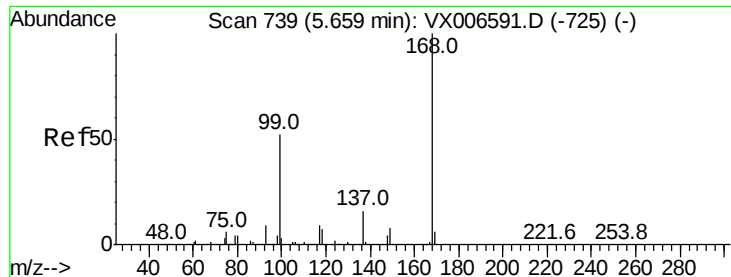
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	523339	51.794	ug/l	99
94) Hexachlorobutadiene	13.79	225	250307	52.557	ug/l	98
95) Naphthalene	13.83	128	1586574	49.197	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	518356	49.687	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006713.D

Acq: 21 Dec 2018 09:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 654895

Ion Ratio Lower Upper

168 100

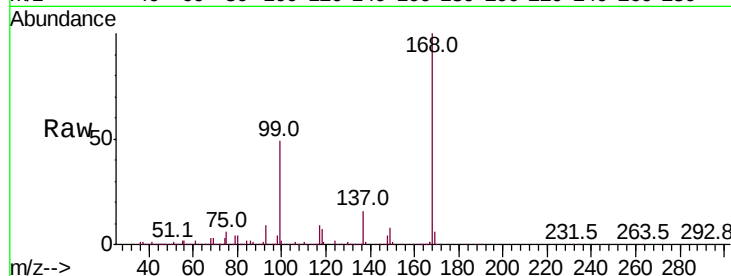
99 49.0 41.8 62.8

Manual Integrations

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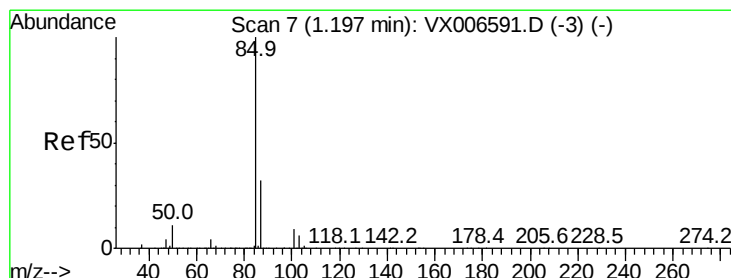
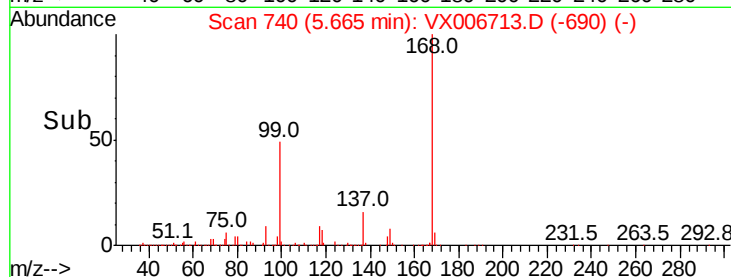
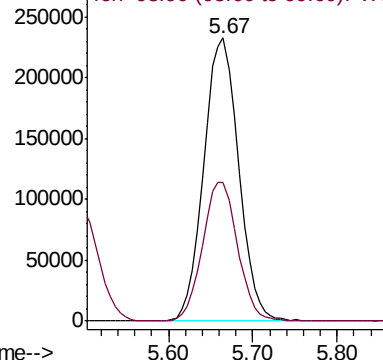
MMDadoda

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 44.581 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX006713.D

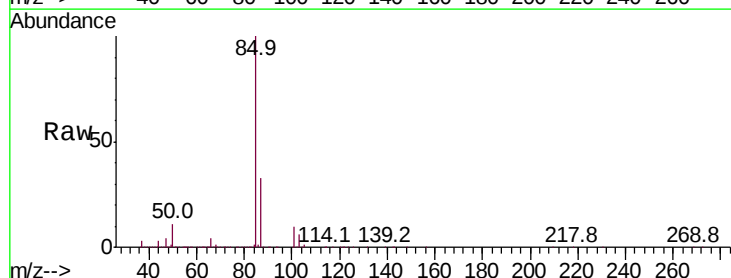
Acq: 21 Dec 2018 09:07

Tgt Ion: 85 Resp: 267091

Ion Ratio Lower Upper

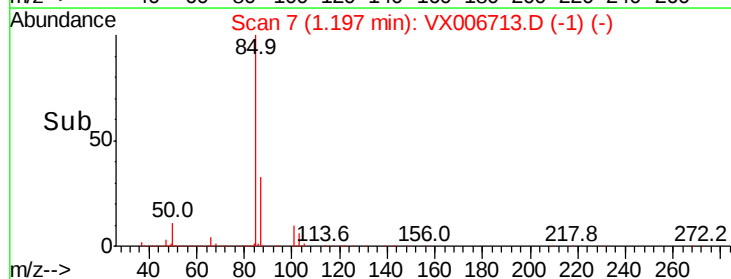
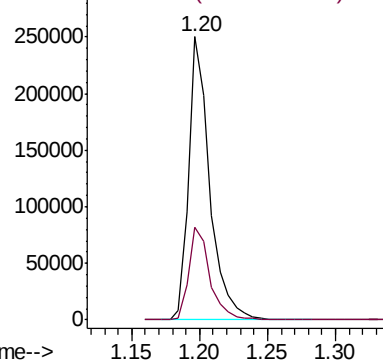
85 100

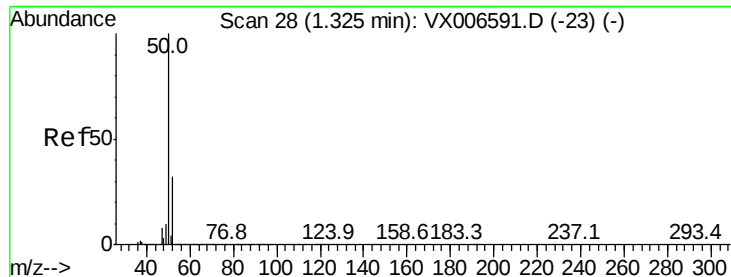
87 32.9 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 40.737 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX006713.D

Acq: 21 Dec 2018 09:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 262937

Ion Ratio Lower Upper

50 100

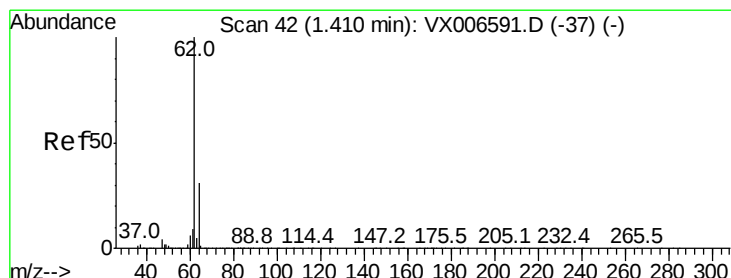
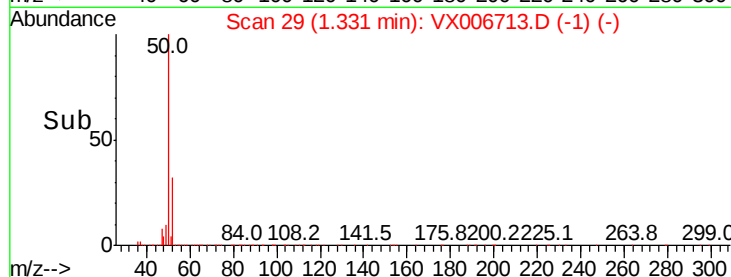
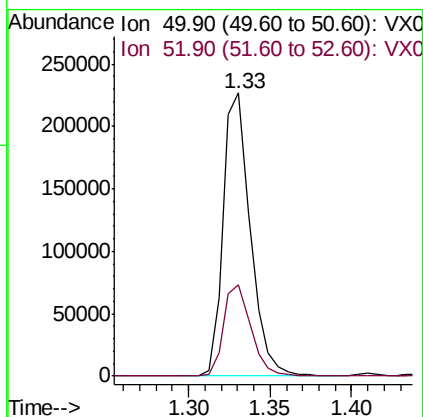
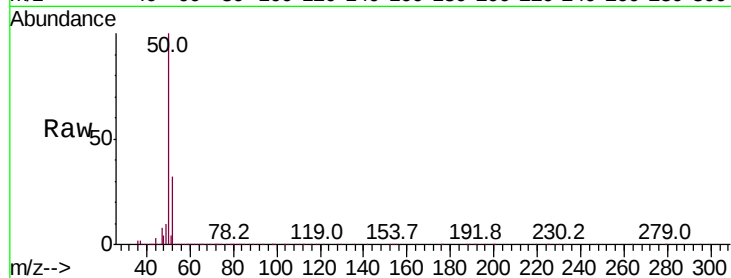
52 32.4 25.4 38.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 45.125 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX006713.D

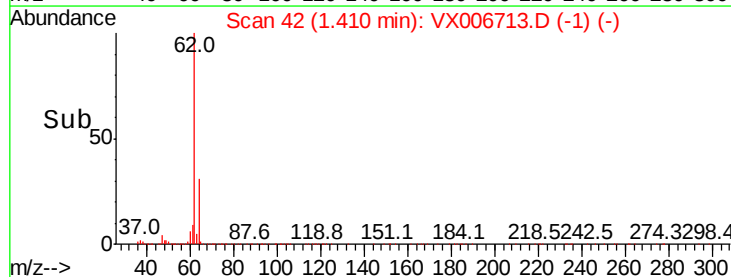
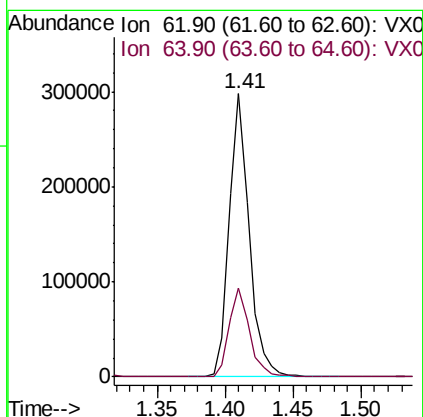
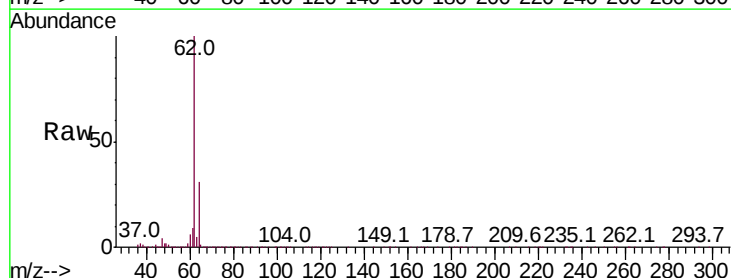
Acq: 21 Dec 2018 09:07

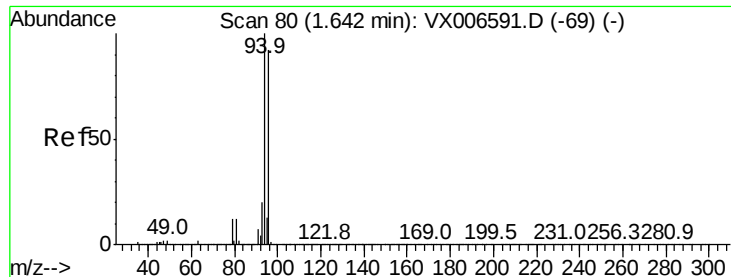
Tgt Ion: 62 Resp: 304193

Ion Ratio Lower Upper

62 100

64 31.3 25.1 37.7





#5

Bromomethane

Concen: 43.434 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006713.D

Acq: 21 Dec 2018 09:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 274823

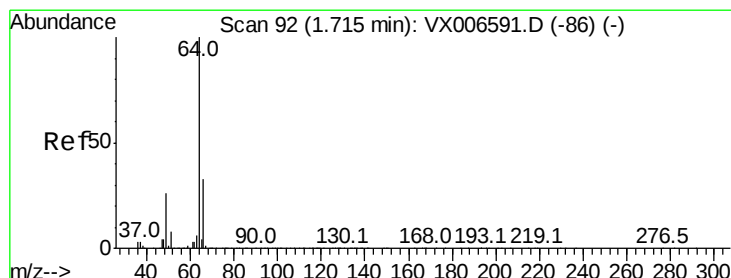
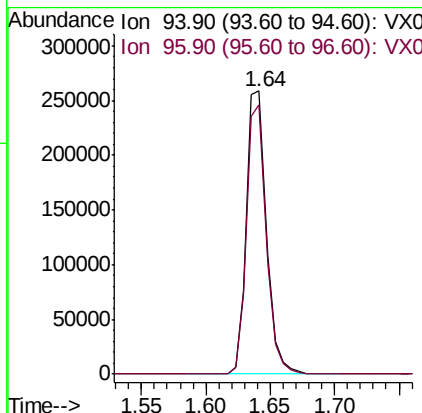
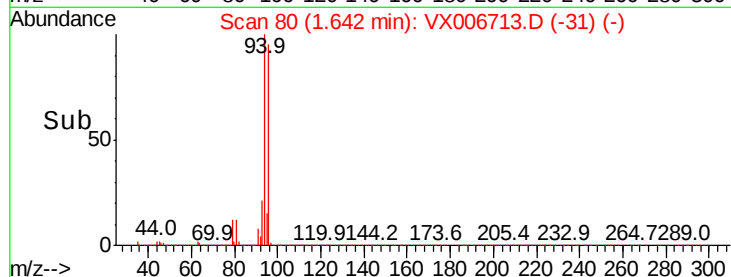
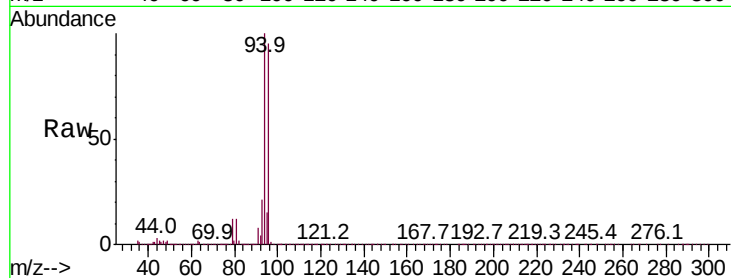
Ion Ratio Lower Upper

94 100

96 95.0 73.4 110.2

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#6

Chloroethane

Concen: 42.266 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX006713.D

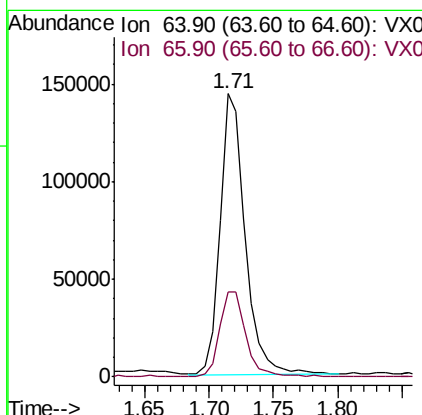
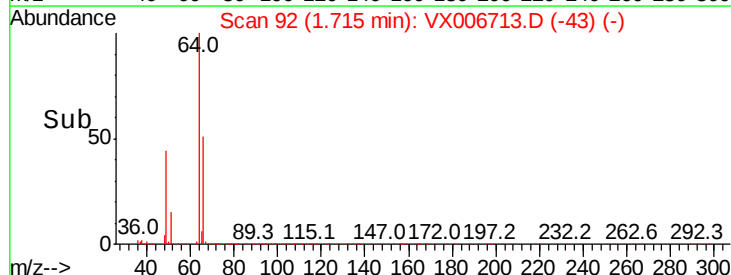
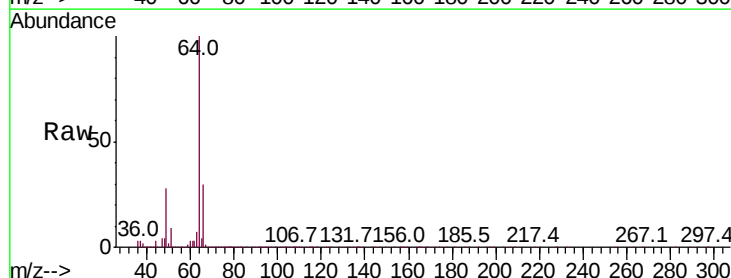
Acq: 21 Dec 2018 09:07

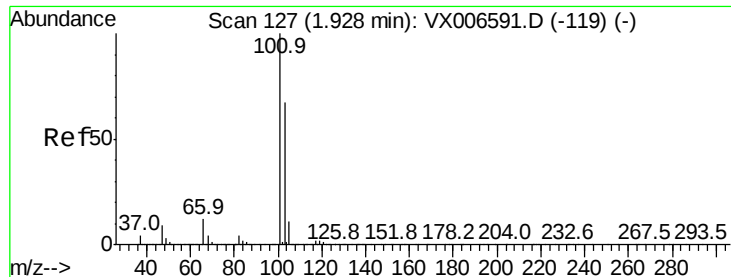
Tgt Ion: 64 Resp: 197286

Ion Ratio Lower Upper

64 100

66 30.3 26.4 39.6





#7

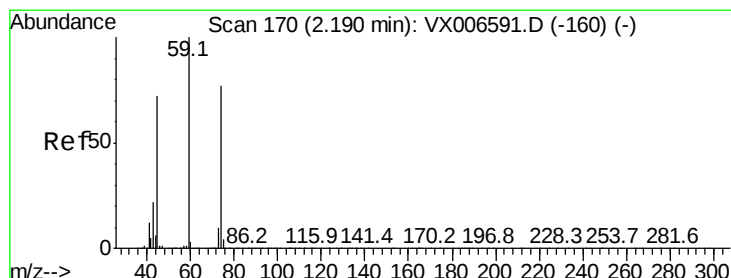
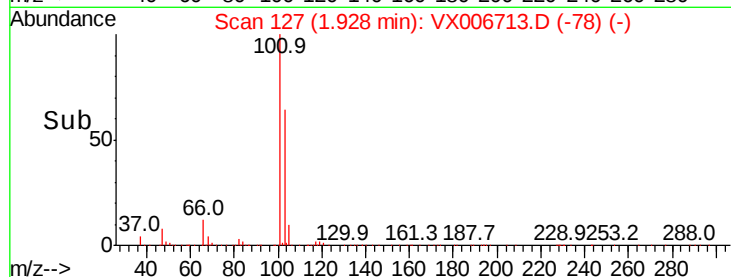
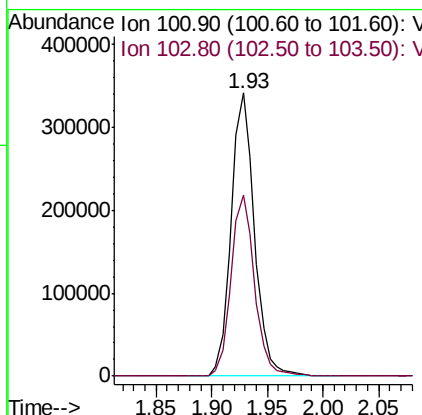
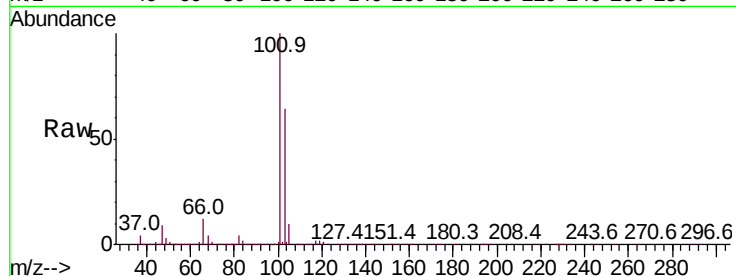
Trichlorofluoromethane
Concen: 47.099 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX006713.D
Acq: 21 Dec 2018 09:07

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VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
101	100	495014		
103	63.7	53.2	79.8	

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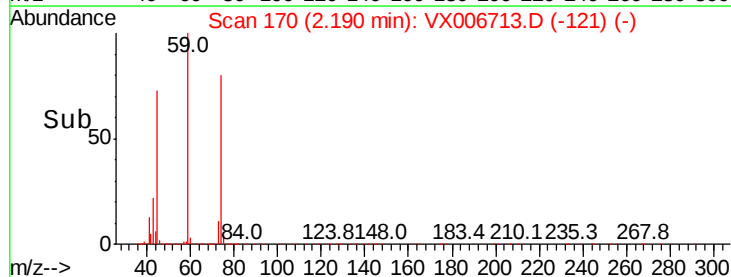
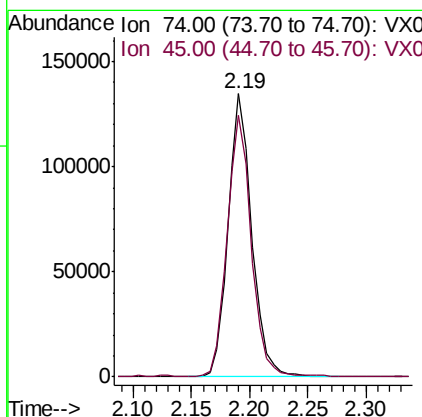
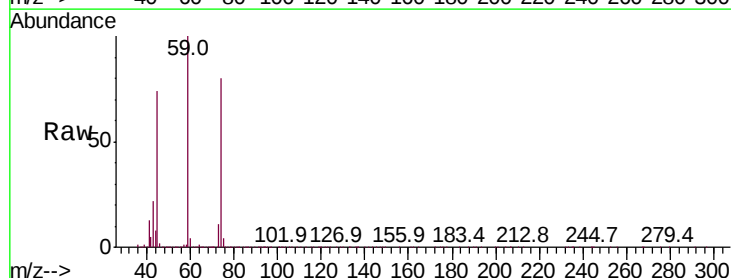
MMDadoda
12/22/2018 11:20:53 AM

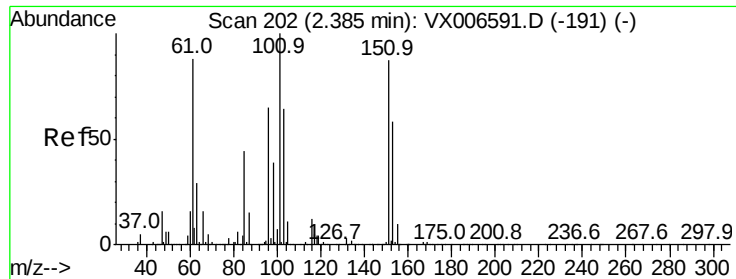


#8

Diethyl Ether
Concen: 45.587 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX006713.D
Acq: 21 Dec 2018 09:07

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	190300		
45	92.8	46.3	138.9	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.585 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX006713.D

Acq: 21 Dec 2018 09:07

Instrument :

MSVOA_X

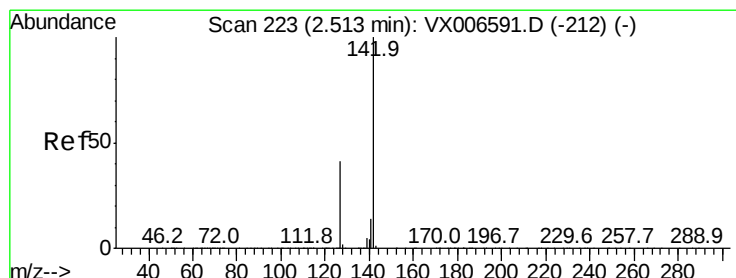
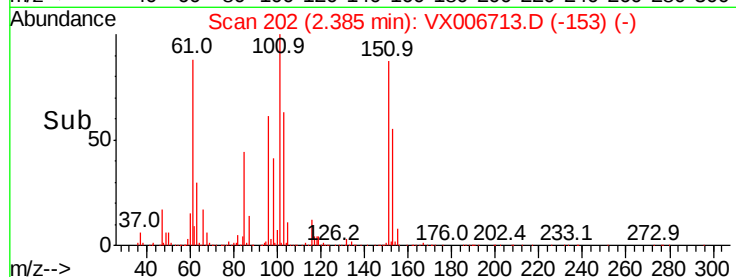
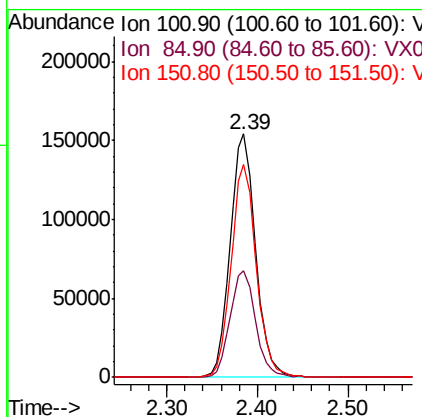
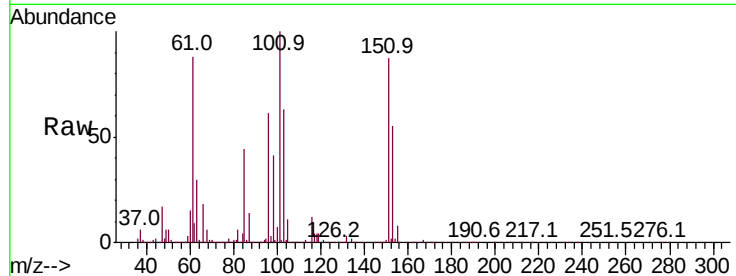
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	299816
Ion Ratio	Lower	Upper	
101	100		
85	43.8	35.1	52.7
151	86.5	68.9	103.3

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#10

Methyl Iodide

Concen: 32.357 ug/l

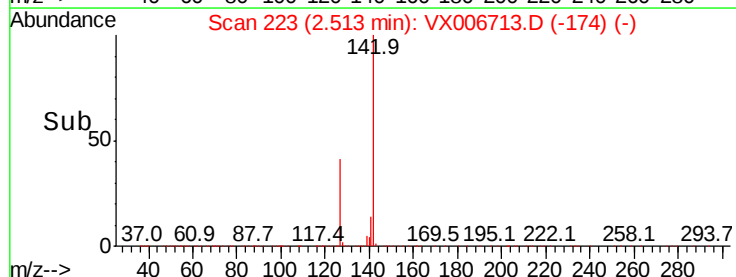
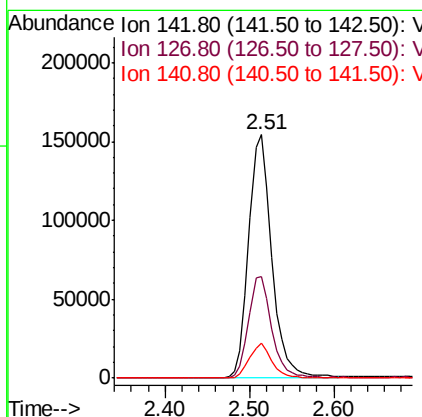
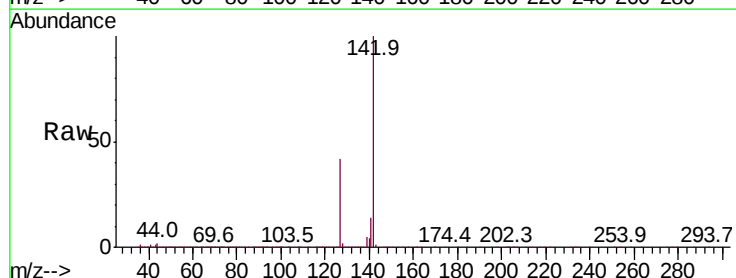
RT: 2.51 min Scan# 223

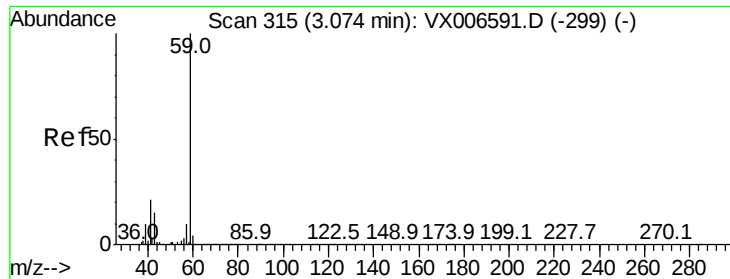
Delta R.T. -0.00 min

Lab File: VX006713.D

Acq: 21 Dec 2018 09:07

Tgt Ion:	142	Resp:	285829
Ion Ratio	Lower	Upper	
142	100		
127	41.9	33.9	50.9
141	13.9	11.4	17.0





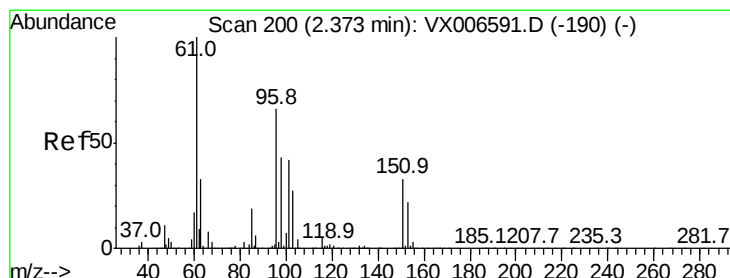
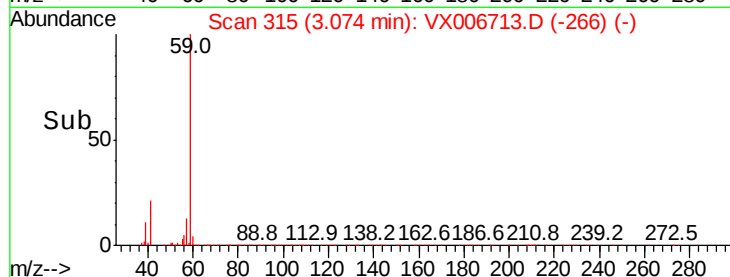
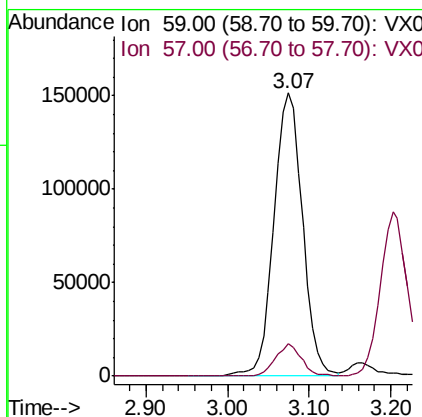
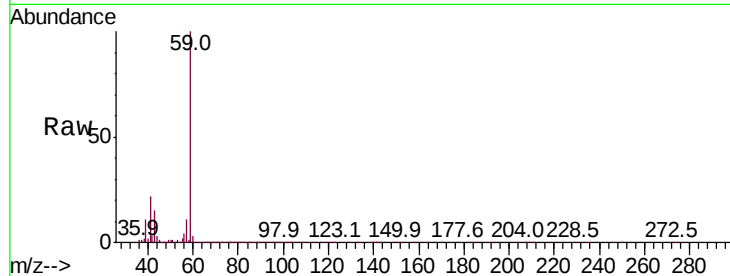
#11
Tert butyl alcohol
Concen: 233.497 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.00 min
Lab File: VX006713.D
Acq: 21 Dec 2018 09:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.5	12.7

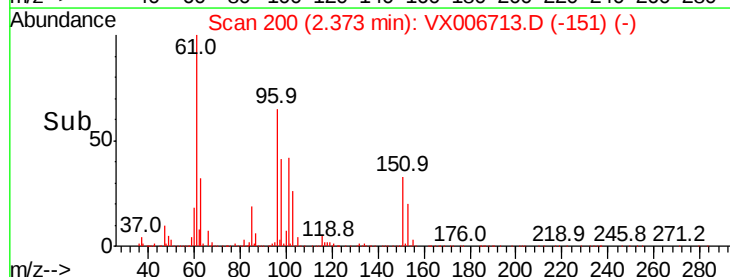
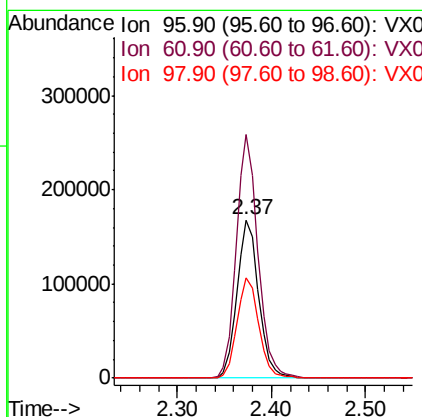
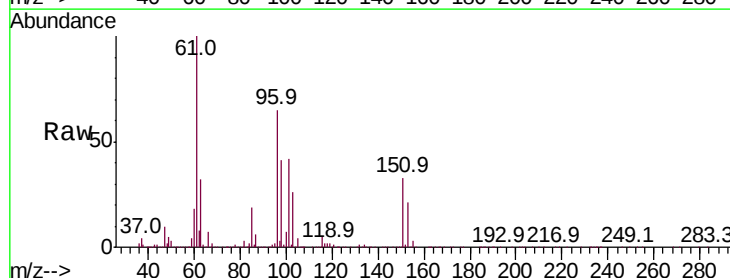
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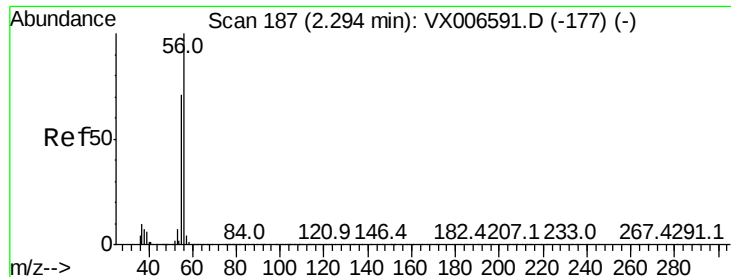
MMDadoda
12/22/2018 11:20:53 AM



#12
1,1-Dichloroethene
Concen: 45.872 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX006713.D
Acq: 21 Dec 2018 09:07

Tgt Ion	Ratio	Lower	Upper
96	100		
61	153.7	121.4	182.2
98	63.1	51.9	77.9





#13

Acrolein

Concen: 195.813 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX006713.D

Acq: 21 Dec 2018 09:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 208078

Ion Ratio Lower Upper

56 100

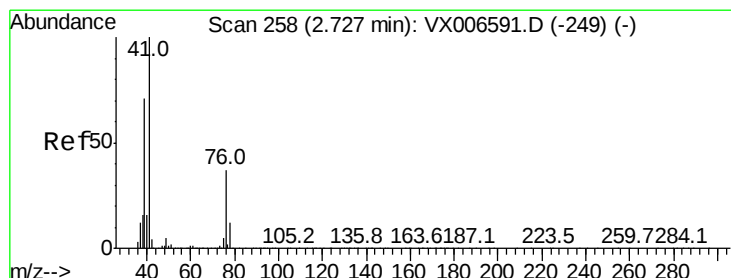
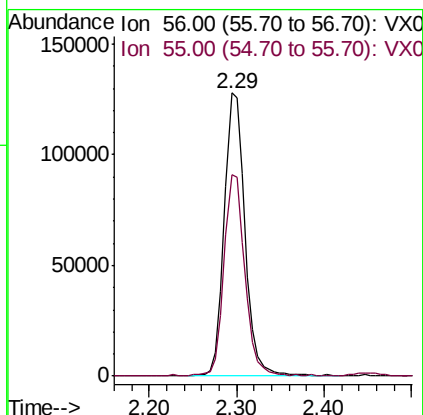
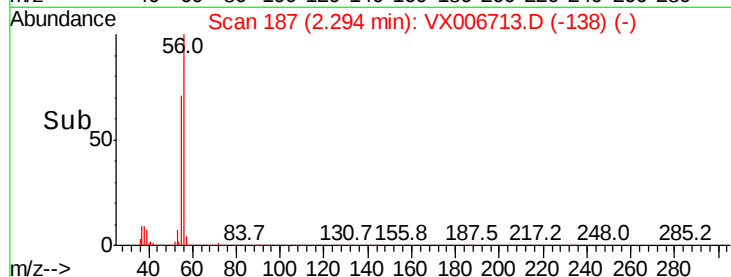
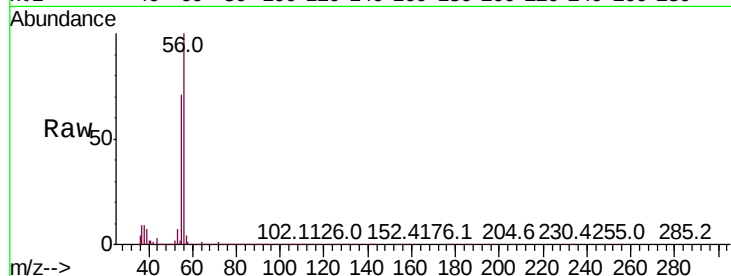
55 72.0 58.2 87.4

Manual Integrations

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#14

Allyl chloride

Concen: 47.065 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX006713.D

Acq: 21 Dec 2018 09:07

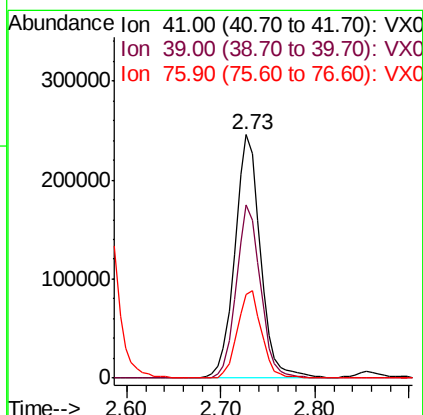
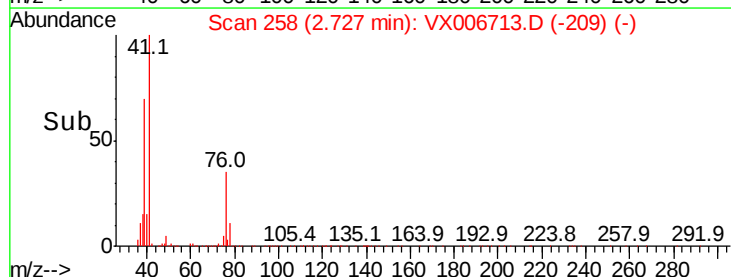
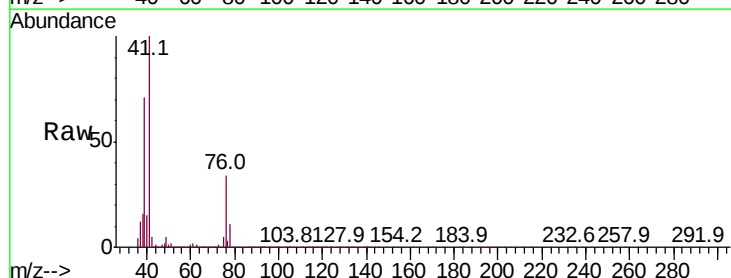
Tgt Ion: 41 Resp: 463550

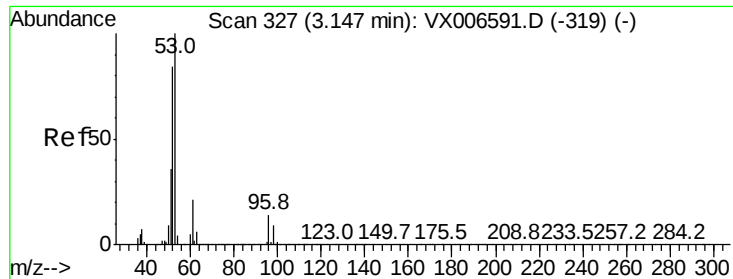
Ion Ratio Lower Upper

41 100

39 67.3 53.6 80.4

76 33.7 27.4 41.2





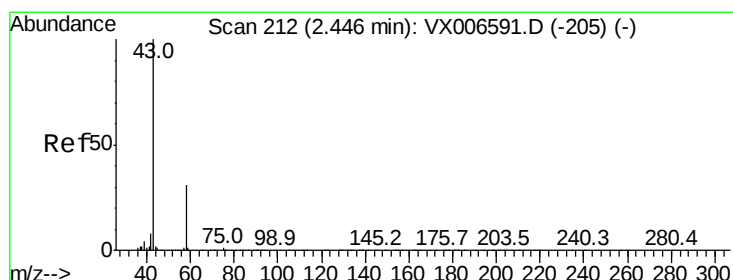
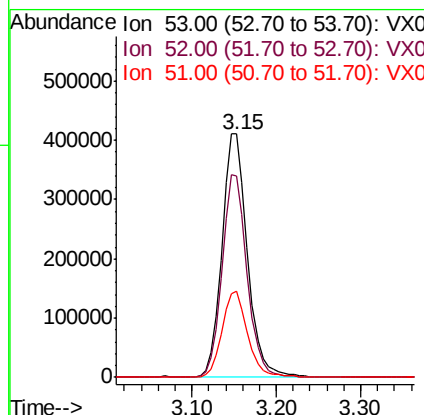
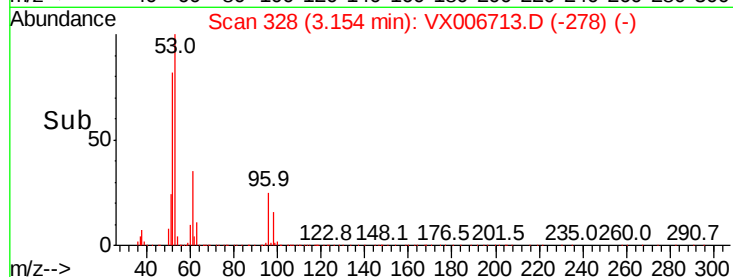
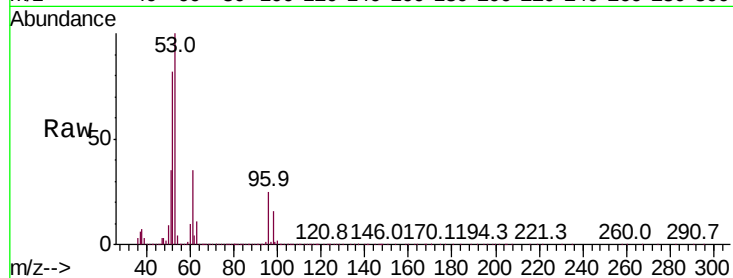
#15
Acrylonitrile
Concen: 242.893 ug/l
RT: 3.15 min Scan# 328
Delta R.T. 0.01 min
Lab File: VX006713.D
Acq: 21 Dec 2018 09:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
53	100		
52	82.1	66.0	99.0
51	35.7	28.6	42.8

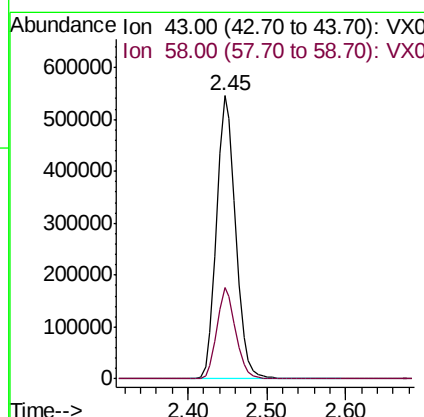
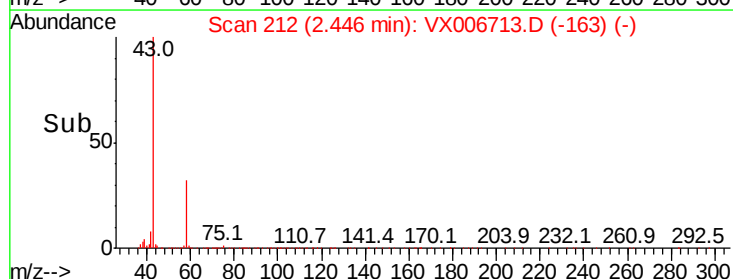
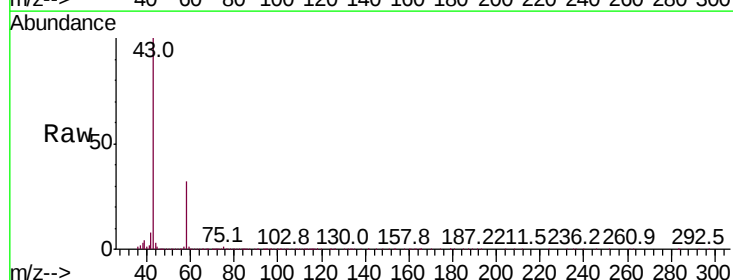
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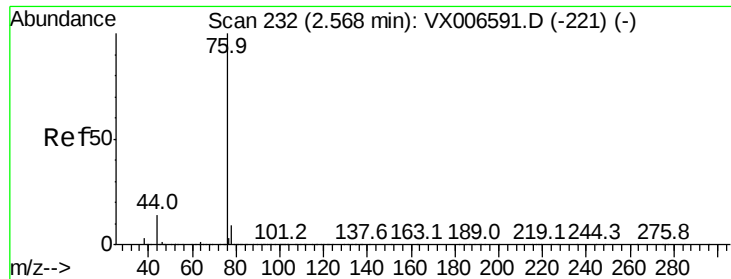
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#16
Acetone
Concen: 283.119 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX006713.D
Acq: 21 Dec 2018 09:07

Tgt Ion	Ratio	Lower	Upper
43	100		
58	32.4	25.0	37.6





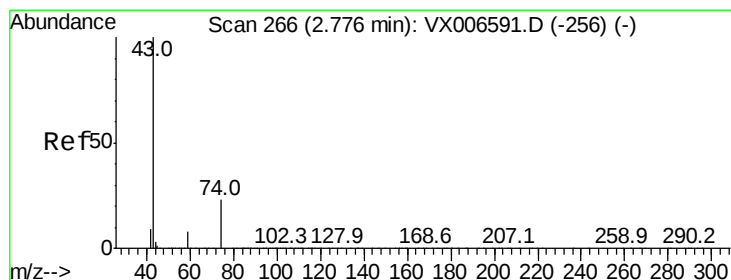
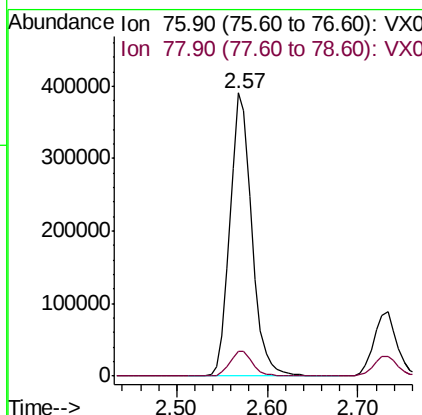
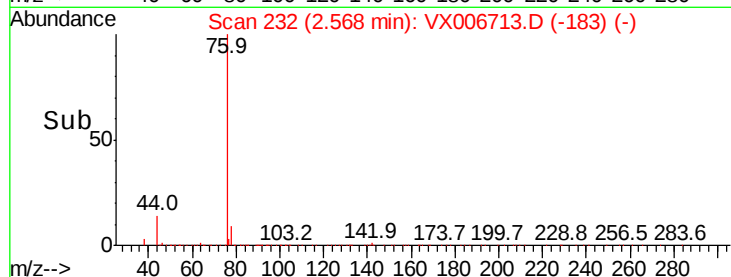
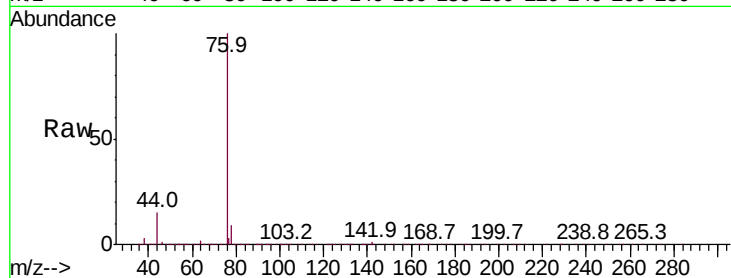
#17
Carbon Disulfide
Concen: 42.091 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX006713.D
Acq: 21 Dec 2018 09:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.0	10.6

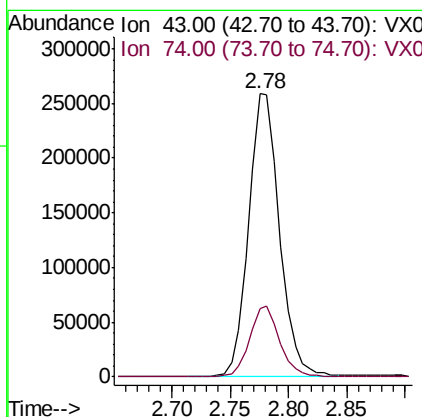
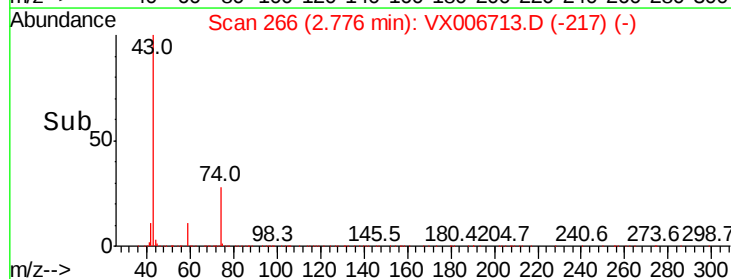
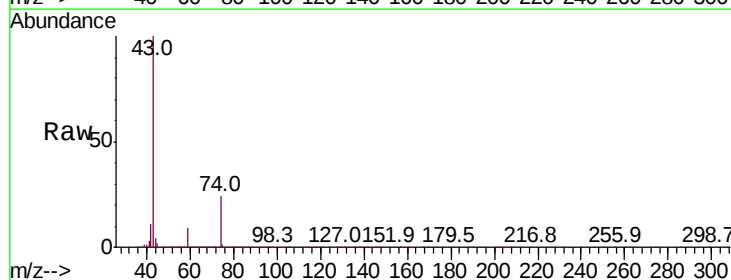
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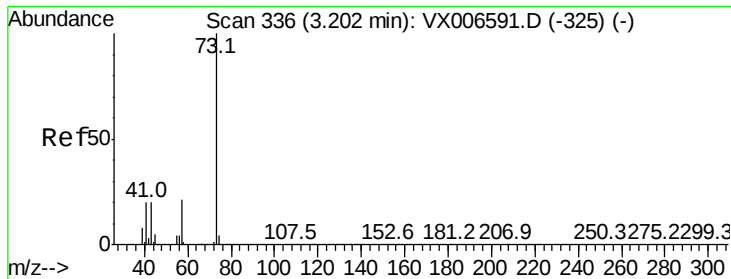
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#18
Methyl Acetate
Concen: 49.806 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX006713.D
Acq: 21 Dec 2018 09:07

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.6	18.6	28.0





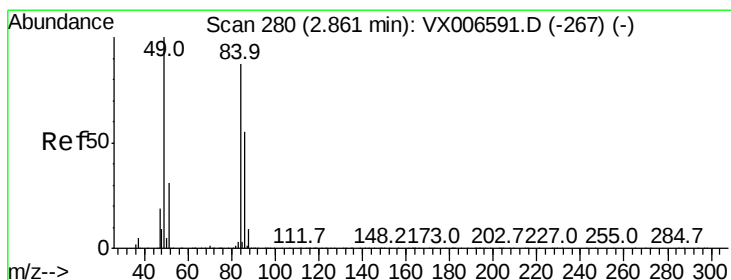
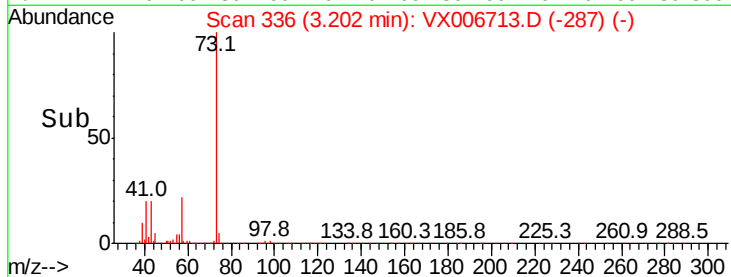
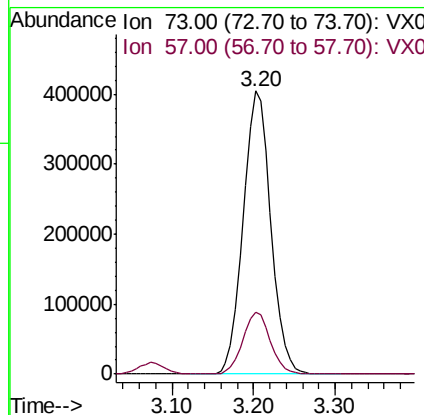
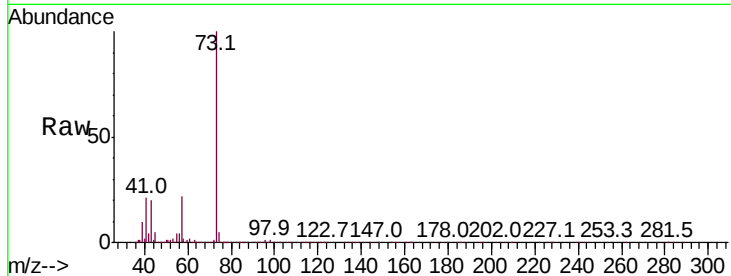
#19
Methvl tert-butvl Ether
Concen: 48.943 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX006713.D
Acq: 21 Dec 2018 09:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.7	16.8	25.2

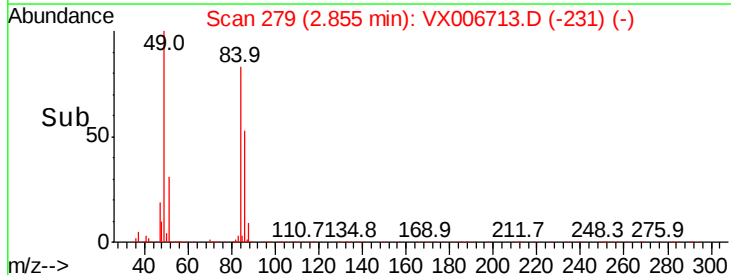
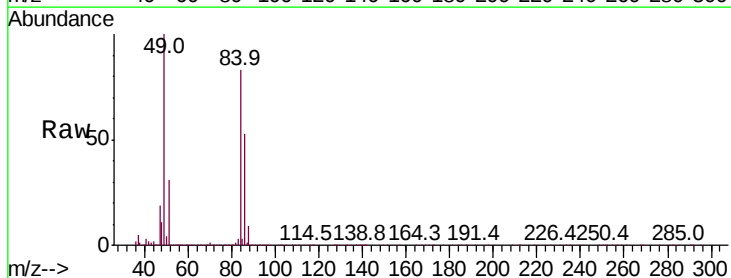
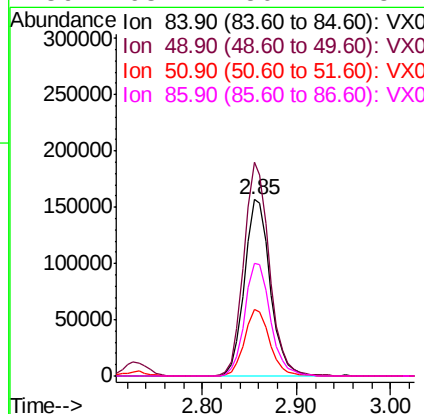
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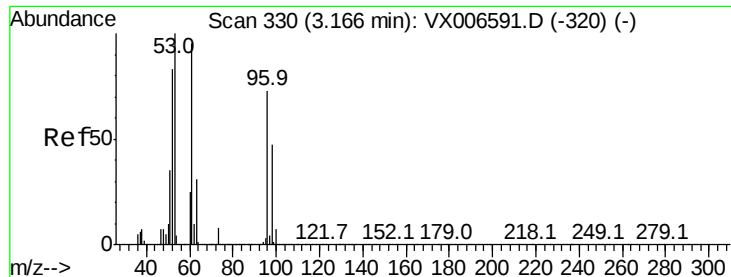
MMDadoda
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#20
Methylene Chloride
Concen: 44.832 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX006713.D
Acq: 21 Dec 2018 09:07

Tgt Ion	Ratio	Lower	Upper
84	100		
49	120.9	91.8	137.6
51	37.6	28.5	42.7
86	63.4	50.2	75.2





#21

trans-1,2-Dichloroethene

Concen: 44.521 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX006713.D

Acq: 21 Dec 2018 09:07

Instrument :

MSVOA_X

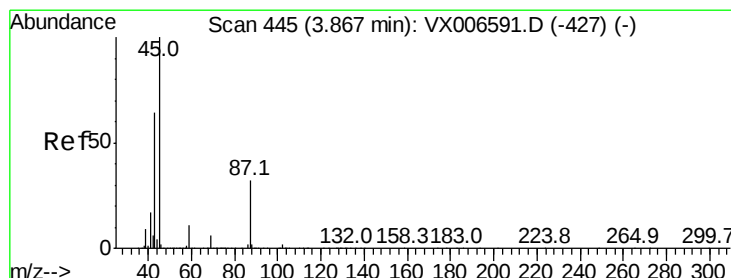
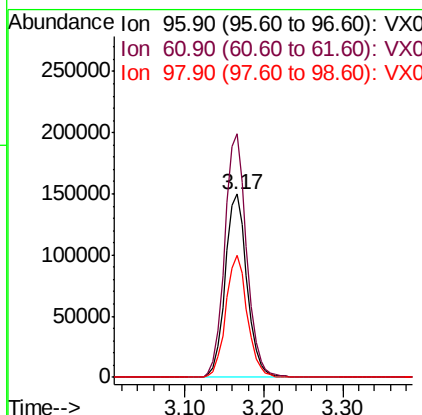
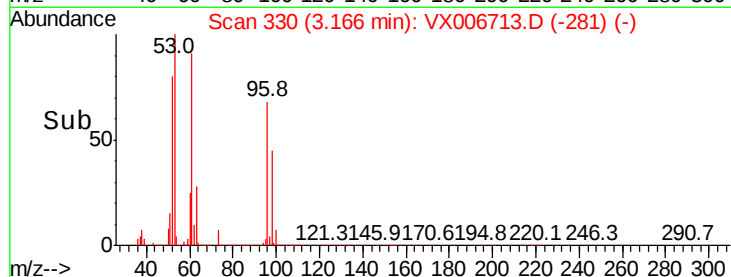
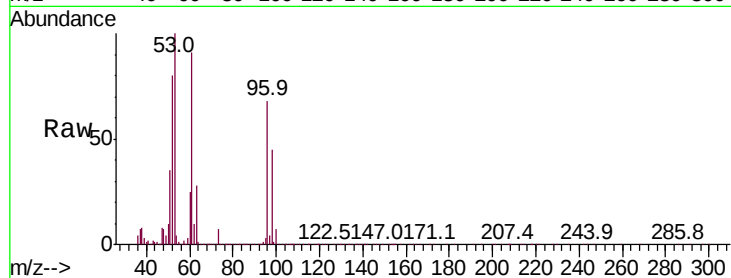
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	288641
Ion	Ratio	Lower	Upper
96	100		
61	133.0	103.7	155.5
98	66.5	51.0	76.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 48.605 ug/l

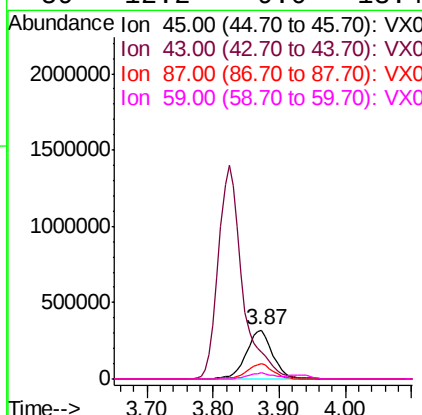
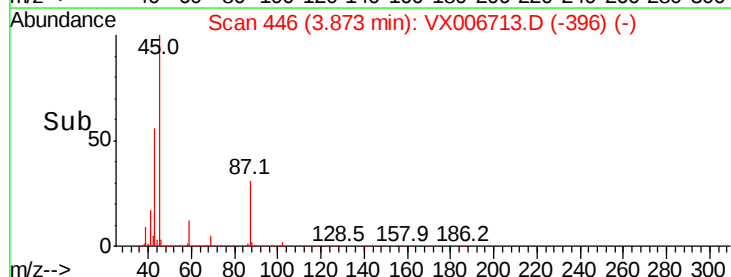
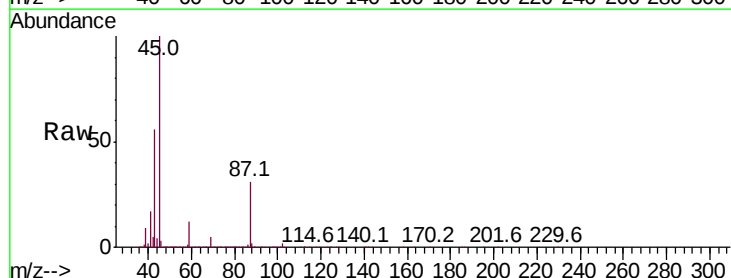
RT: 3.87 min Scan# 446

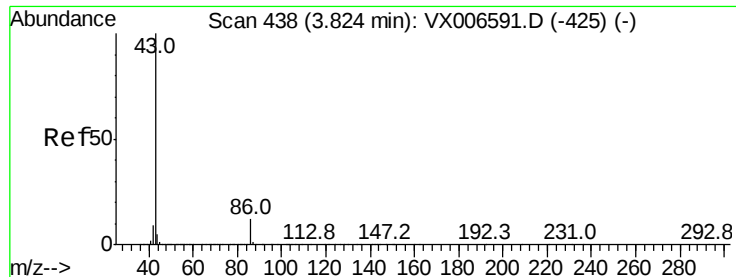
Delta R.T. 0.01 min

Lab File: VX006713.D

Acq: 21 Dec 2018 09:07

Tgt Ion:	45	Resp:	875789
Ion	Ratio	Lower	Upper
45	100		
43	55.7	51.2	76.8
87	31.2	25.8	38.6
59	12.2	9.0	13.4





#23

Vinyl Acetate

Concen: 243.012 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX006713.D

Acq: 21 Dec 2018 09:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 3581621

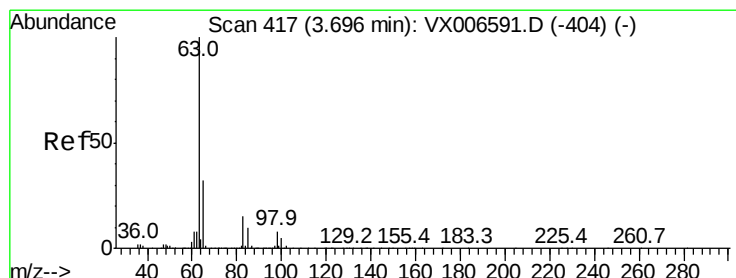
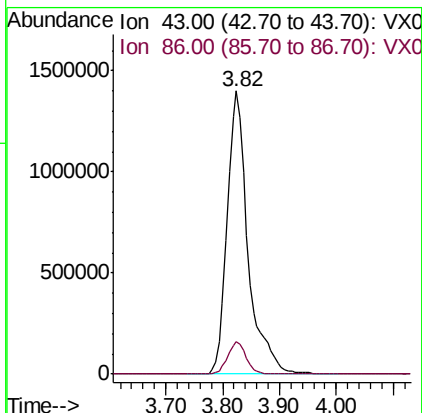
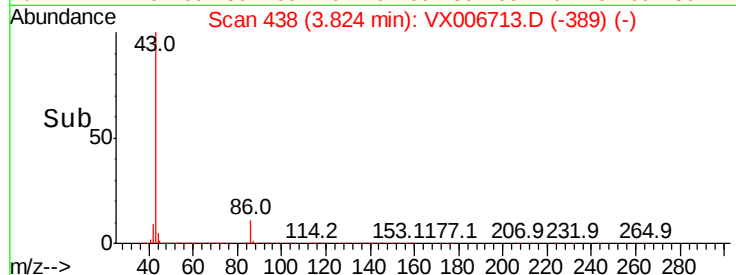
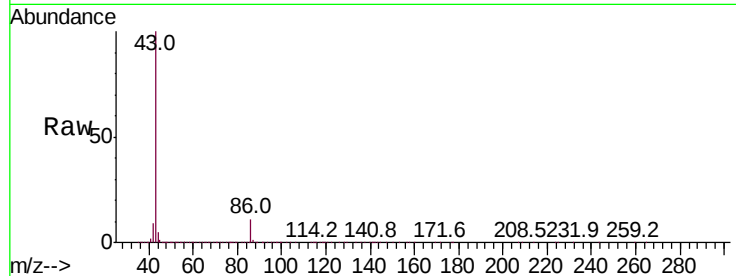
Ion Ratio Lower Upper

43 100

86 11.3 9.2 13.8

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#24

1,1-Dichloroethane

Concen: 46.447 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX006713.D

Acq: 21 Dec 2018 09:07

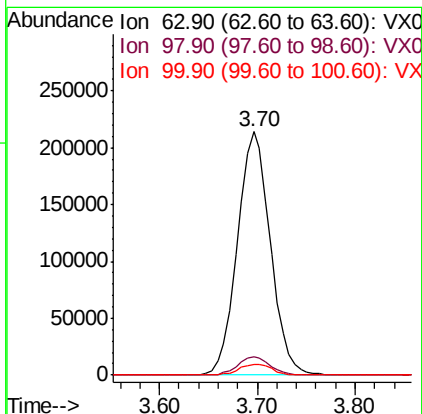
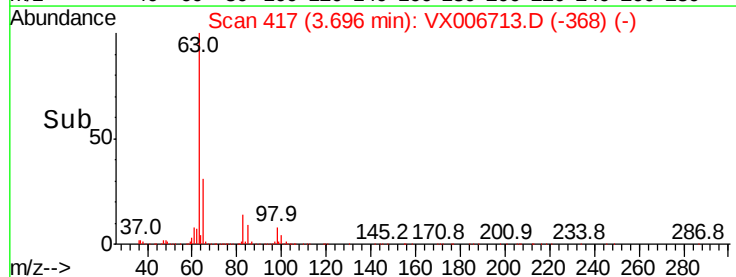
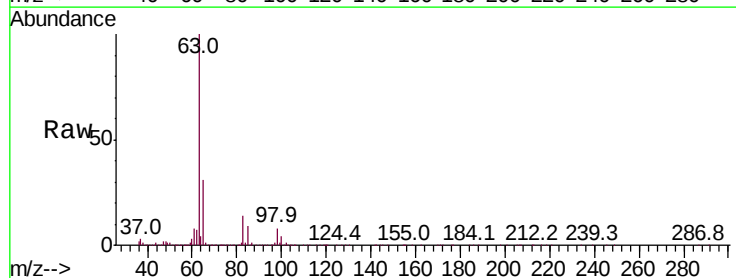
Tgt Ion: 63 Resp: 499585

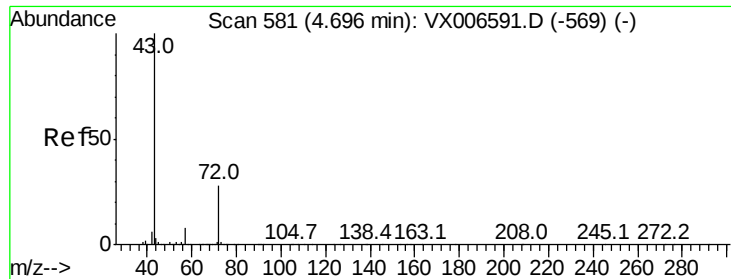
Ion Ratio Lower Upper

63 100

98 7.7 3.9 11.5

100 4.2 2.4 7.2





#25

2-Butanone

Concen: 254.886 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX006713.D

Acq: 21 Dec 2018 09:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1162620

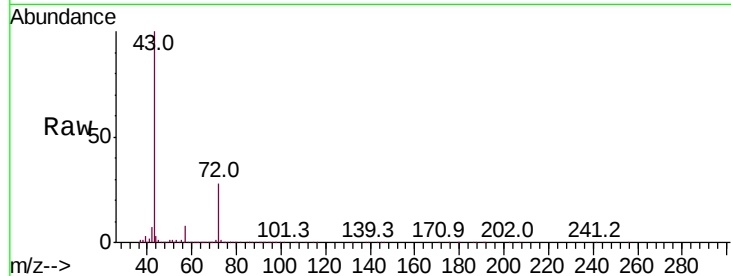
Ion Ratio Lower Upper

43 100

72 28.0 22.4 33.6

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.70

400000

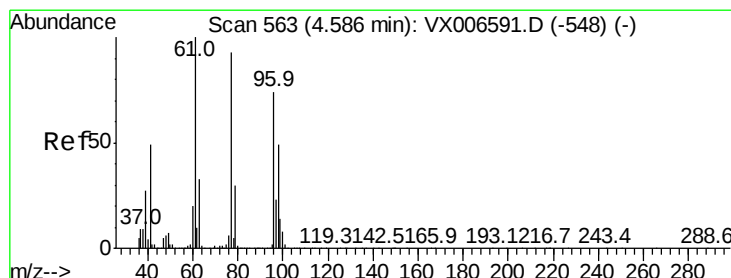
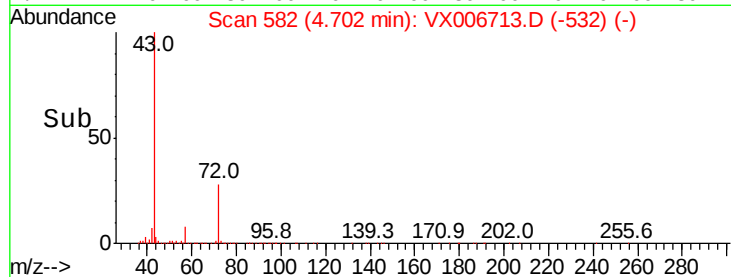
300000

200000

100000

0

Time-->



#26

2,2-Dichloropropane

Concen: 46.402 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX006713.D

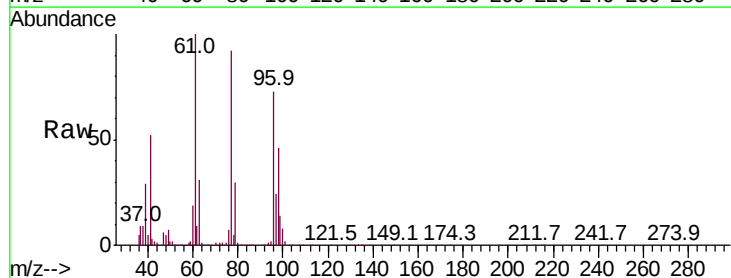
Acq: 21 Dec 2018 09:07

Tgt Ion: 77 Resp: 385541

Ion Ratio Lower Upper

77 100

97 25.2 12.4 37.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

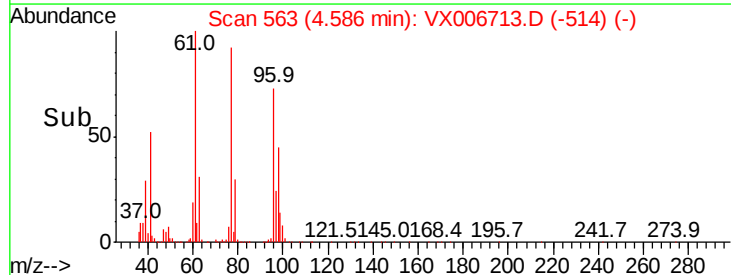
4.59

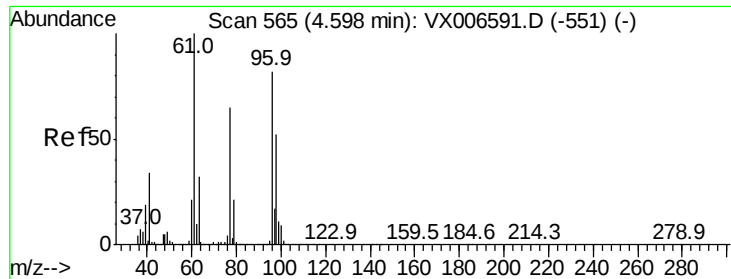
100000

50000

0

Time-->





#27

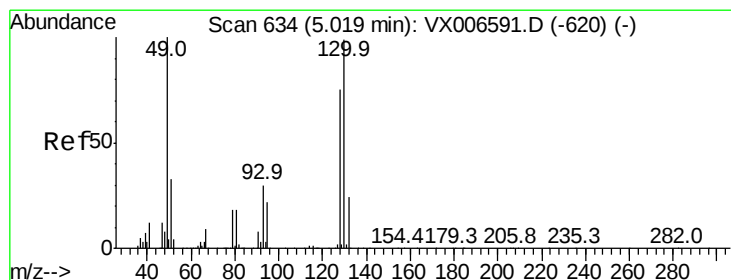
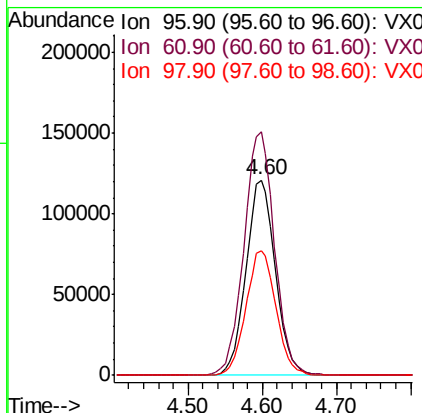
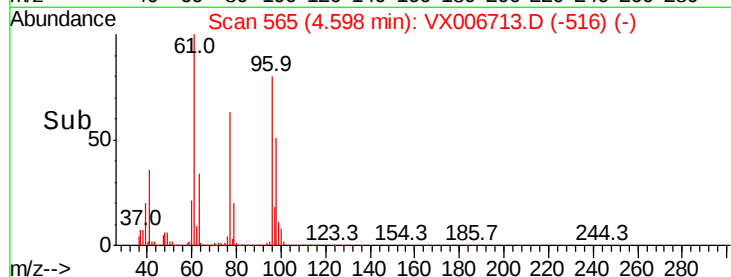
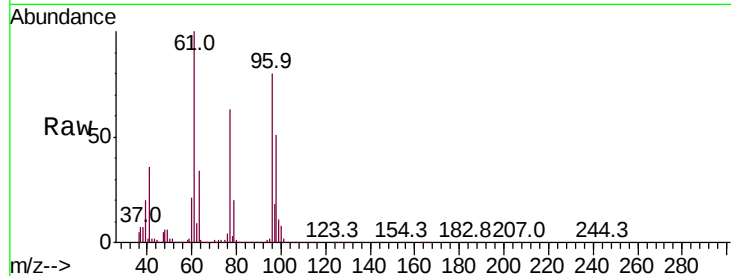
cis-1,2-Dichloroethene
 Concen: 46.966 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX006713.D
 Acq: 21 Dec 2018 09:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	335951		
61	129.2	0.0	258.6	
98	65.0	0.0	132.0	

Manual Integrations
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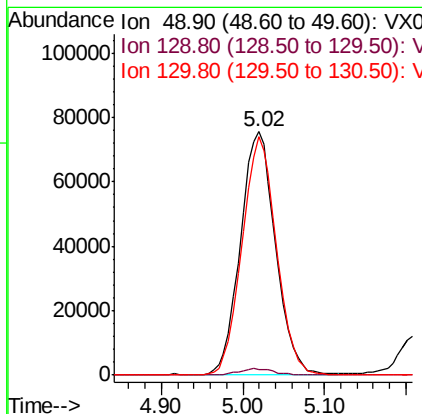
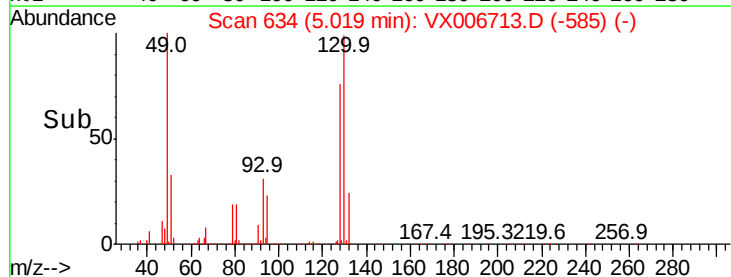
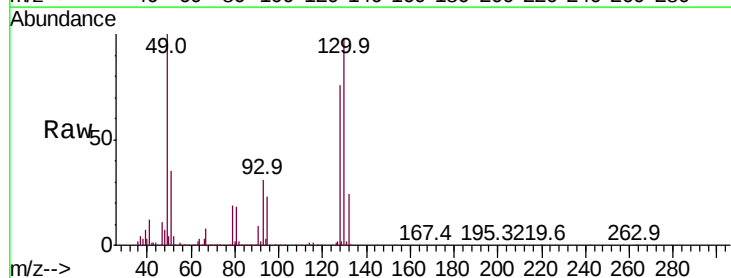
MMDadoda
 12/22/2018 11:20:53 AM

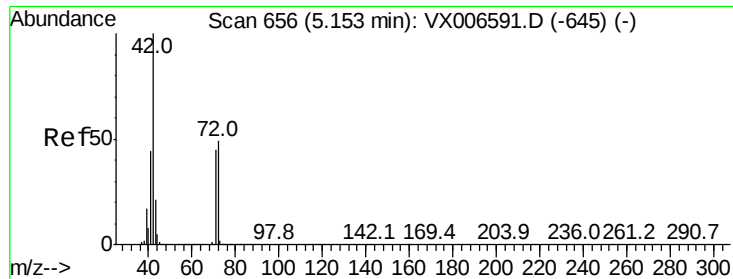


#28

Bromochloromethane
 Concen: 49.445 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: VX006713.D
 Acq: 21 Dec 2018 09:07

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	224287		
129	2.7	0.0	5.4	
130	96.4	77.7	116.5	





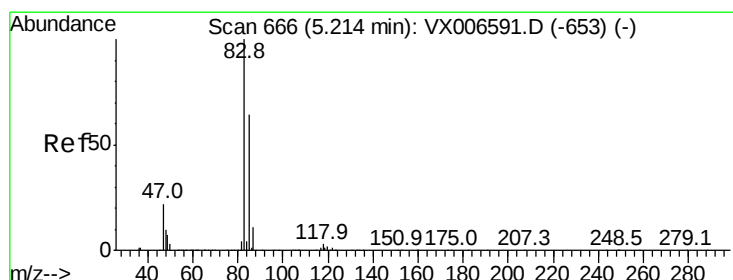
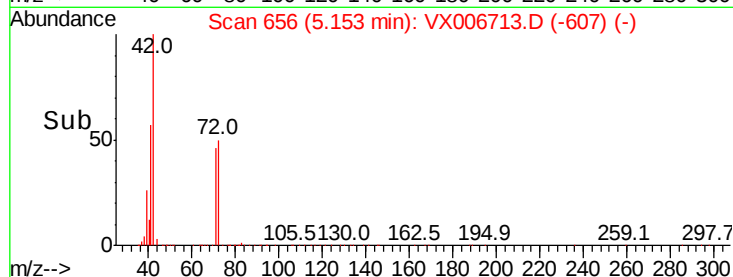
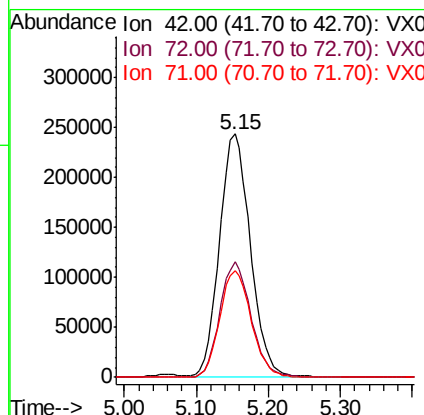
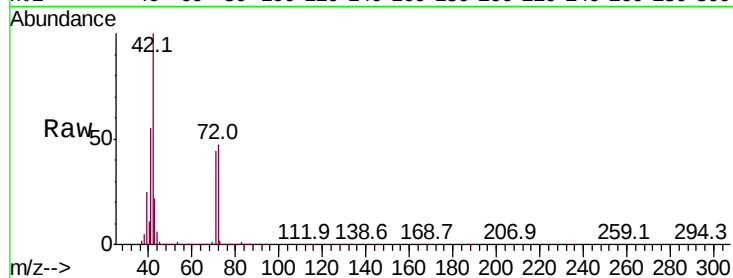
#29
Tetrahydrofuran
Concen: 241.727 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX006713.D
Acq: 21 Dec 2018 09:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.9	38.9	58.3
71	44.5	36.2	54.4

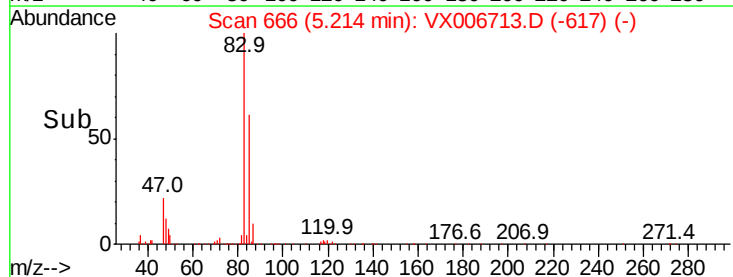
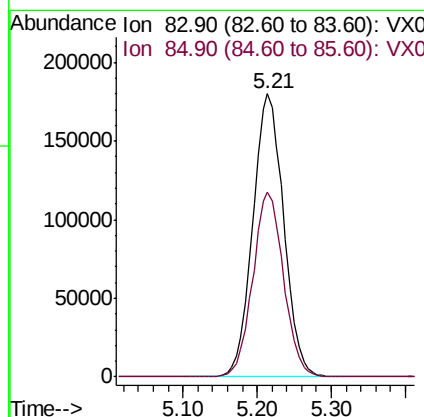
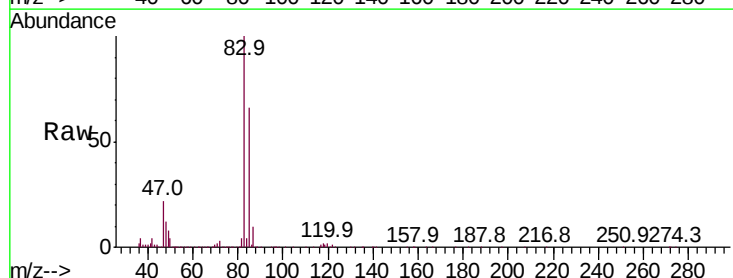
Manual Integrations
APPROVED

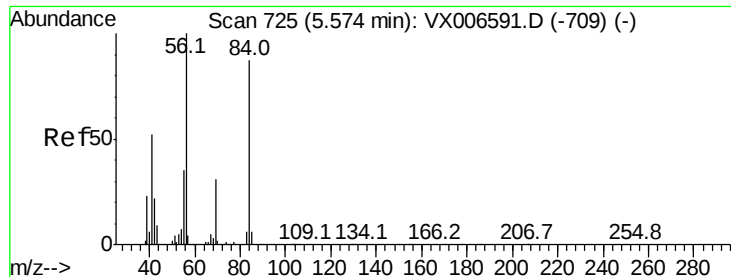
MMDadoda
12/22/2018 11:20:53 AM



#30
Chloroform
Concen: 47.010 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX006713.D
Acq: 21 Dec 2018 09:07

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.5	51.2	76.8





#31

Cyclohexane

Concen: 46.062 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX006713.D

Acq: 21 Dec 2018 09:07

Instrument :

MSVOA_X

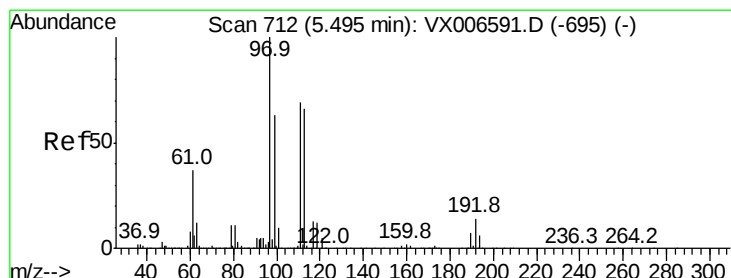
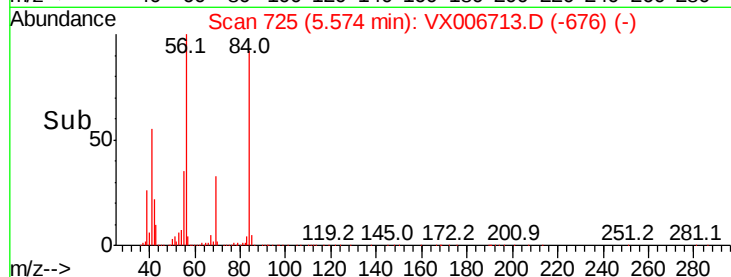
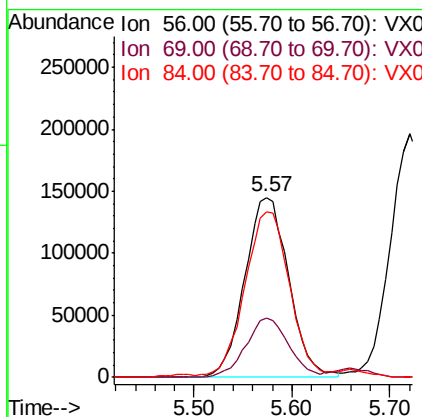
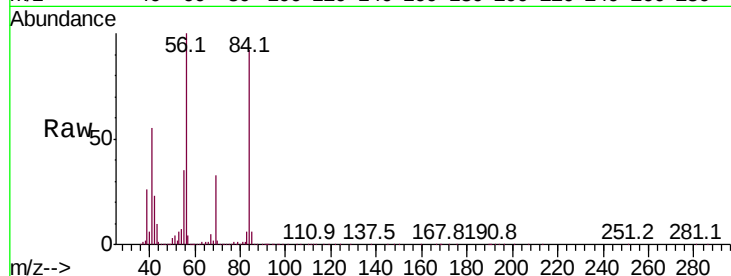
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	450108
Ion Ratio	Lower	Upper	
56	100		
69	32.9	24.4	36.6
84	90.1	70.0	105.0

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 47.542 ug/l

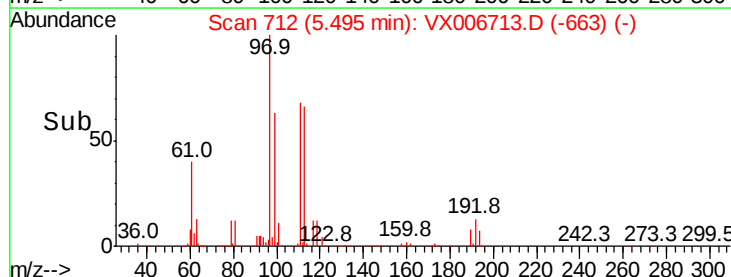
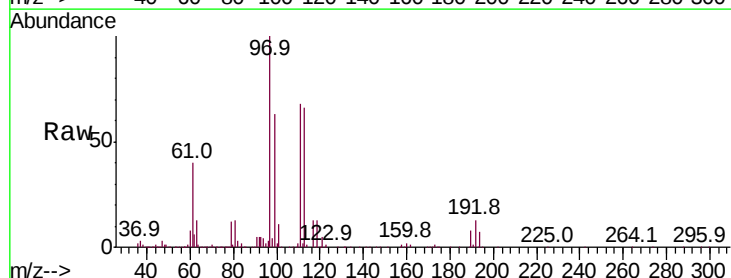
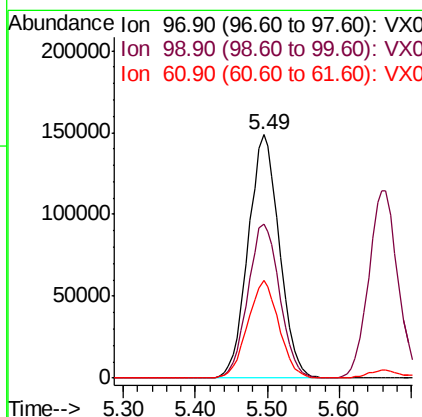
RT: 5.49 min Scan# 712

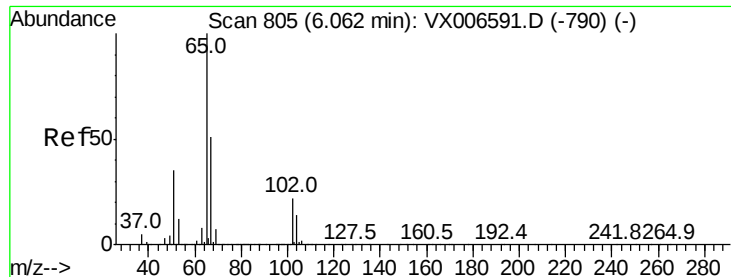
Delta R.T. -0.00 min

Lab File: VX006713.D

Acq: 21 Dec 2018 09:07

Tgt Ion:	97	Resp:	447141
Ion Ratio	Lower	Upper	
97	100		
99	64.8	51.7	77.5
61	40.1	31.3	46.9





#33

1,2-Dichloroethane-d4

Concen: 46.712 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006713.D

Acq: 21 Dec 2018 09:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 329704

Ion Ratio Lower Upper

65 100

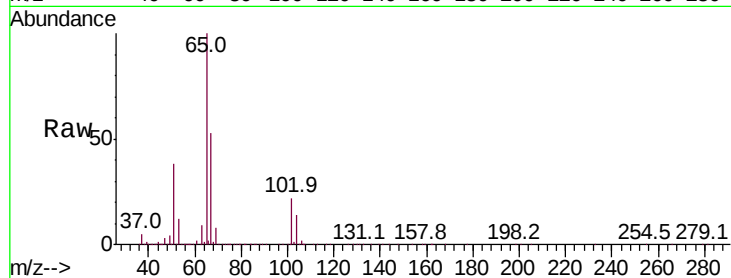
67 54.0 0.0 105.0

Manual Integrations

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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

150000

100000

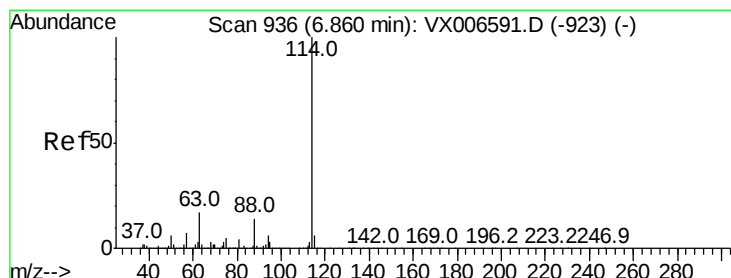
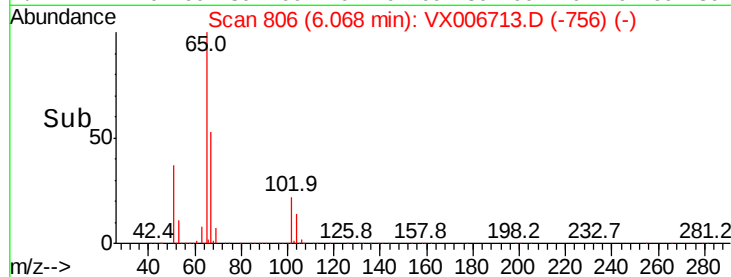
50000

0

6.07

6.00 6.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006713.D

Acq: 21 Dec 2018 09:07

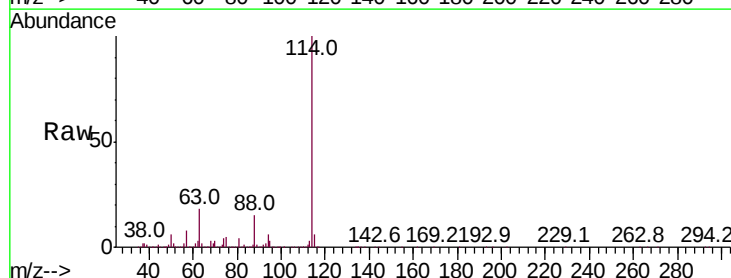
Tgt Ion:114 Resp: 954779

Ion Ratio Lower Upper

114 100

63 17.7 0.0 34.8

88 14.8 0.0 28.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

500000

400000

300000

200000

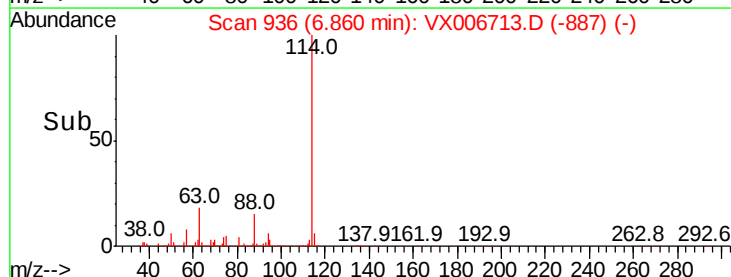
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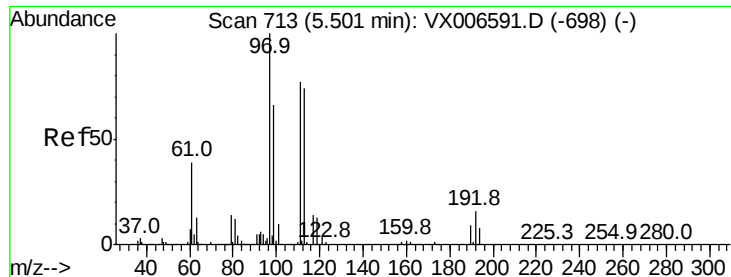
0

6.86

6.70 6.80 6.90 7.00

Time-->





#35

Dibromofluoromethane

Concen: 50.830 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX006713.D

Acq: 21 Dec 2018 09:07

Instrument :

MSVOA_X

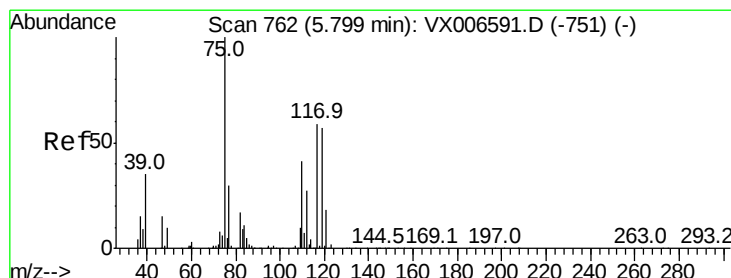
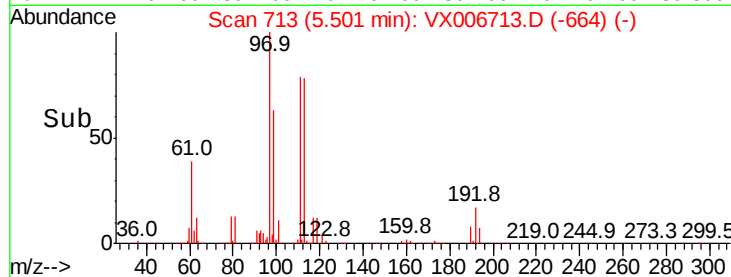
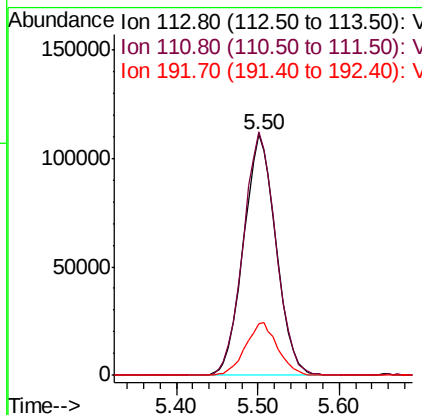
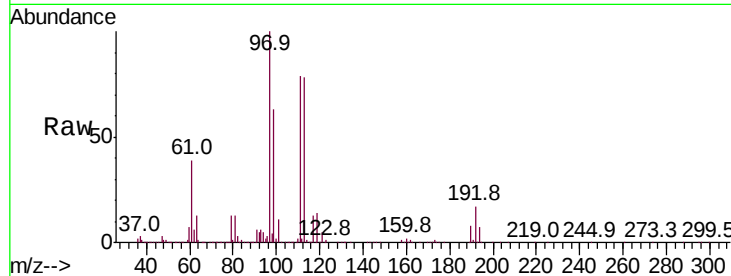
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	306904
Ion Ratio	Lower	Upper	
113	100		
111	101.7	81.6	122.4
192	21.9	16.7	25.1

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 49.296 ug/l

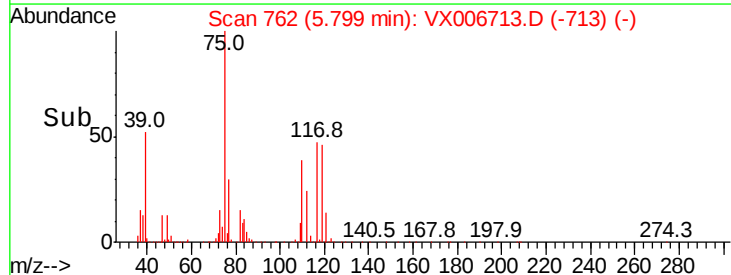
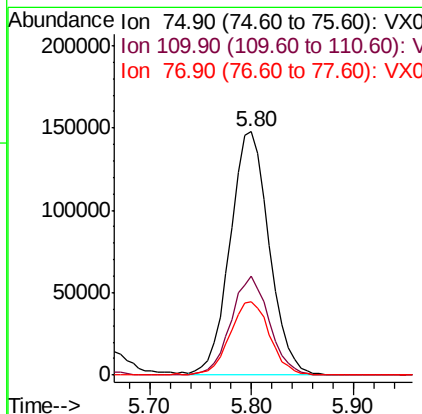
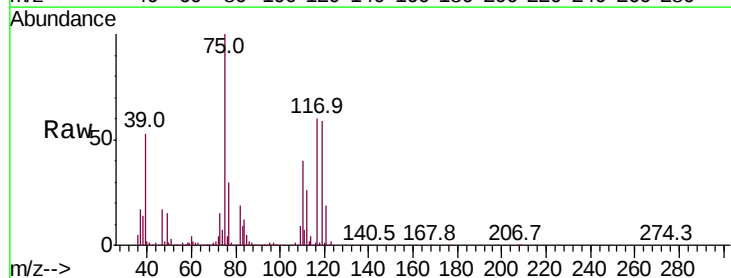
RT: 5.80 min Scan# 762

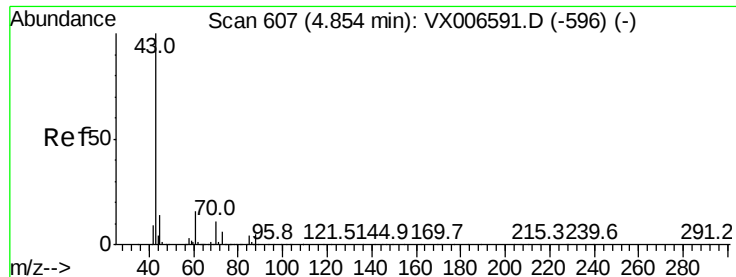
Delta R.T. 0.00 min

Lab File: VX006713.D

Acq: 21 Dec 2018 09:07

Tgt Ion:	75	Resp:	389819
Ion Ratio	Lower	Upper	
75	100		
110	40.2	20.2	60.5
77	30.4	24.8	37.2





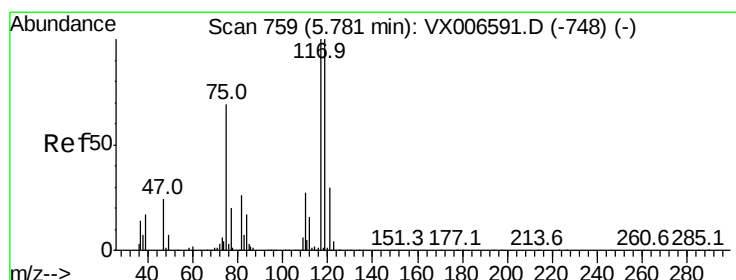
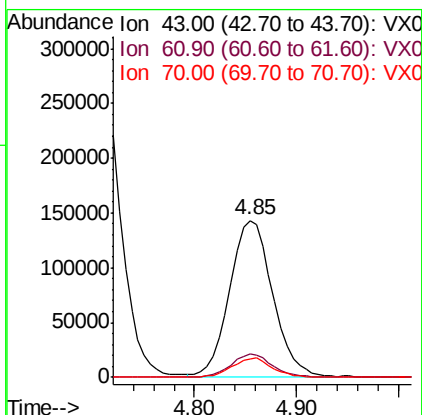
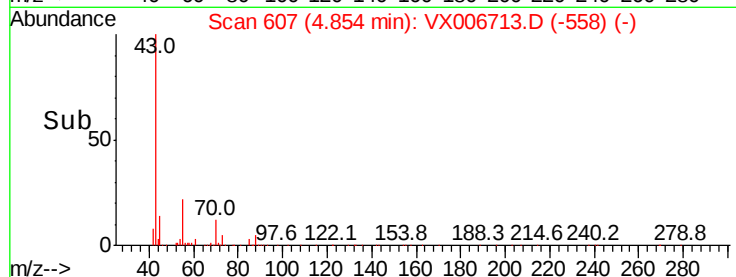
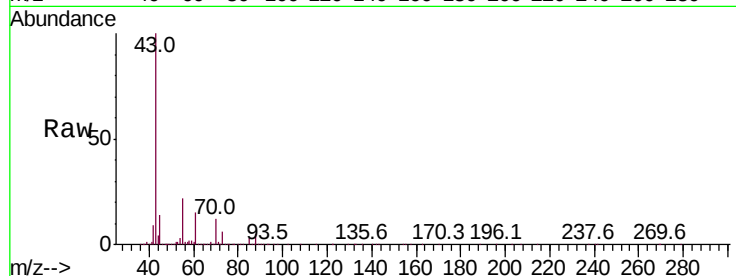
#37
Ethyl Acetate
Concen: 50.350 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX006713.D
Acq: 21 Dec 2018 09:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.3	11.9	17.9
70	11.6	9.7	14.5

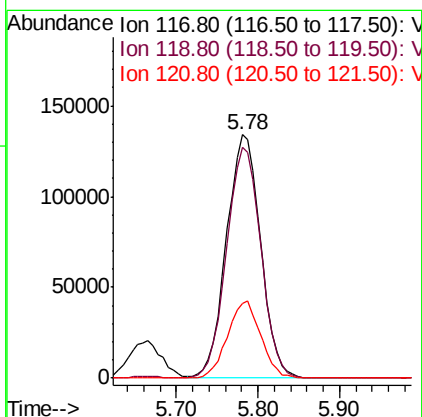
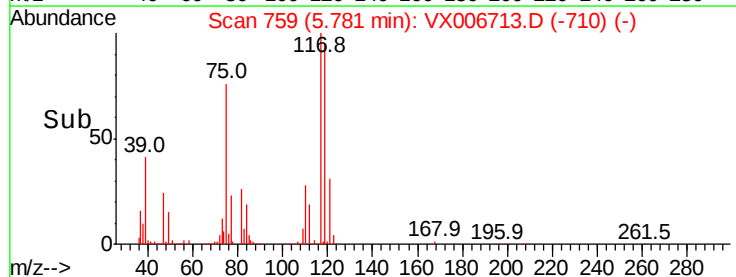
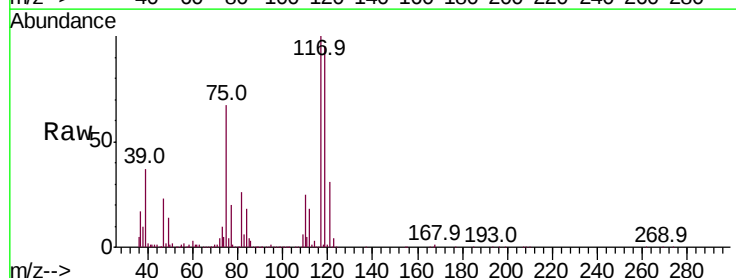
Manual Integrations
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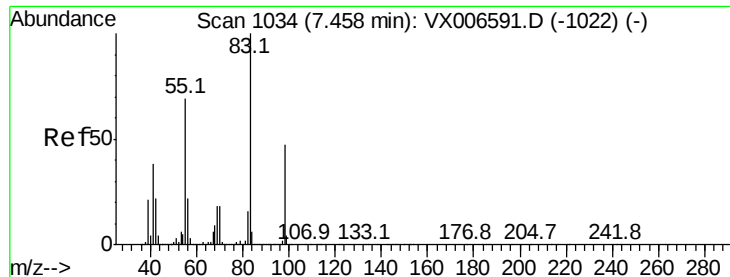
MMDadoda
12/22/2018 11:20:53 AM



#38
Carbon Tetrachloride
Concen: 50.384 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX006713.D
Acq: 21 Dec 2018 09:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.9	79.4	119.2
121	30.7	24.0	36.0





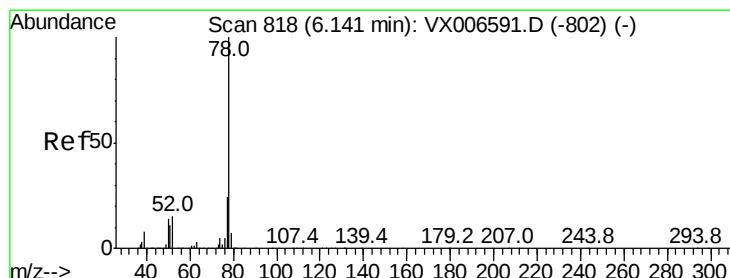
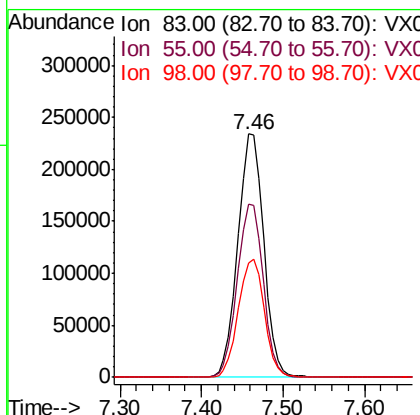
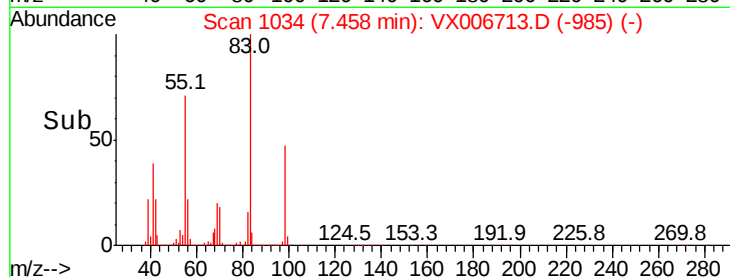
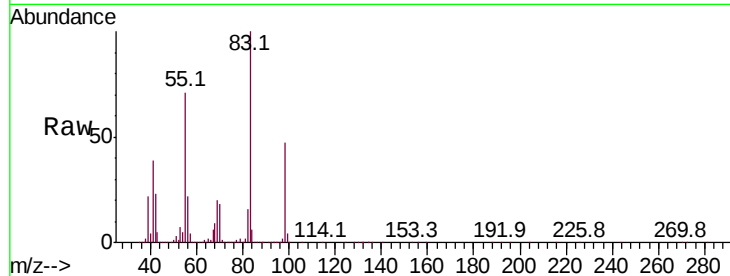
#39
Methvlcvclohexane
Concen: 49.415 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX006713.D
Acq: 21 Dec 2018 09:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	83	Resp	514450
Ion Ratio	100	Lower	Upper
83	100		
55	71.3	54.9	82.3
98	47.2	37.9	56.9

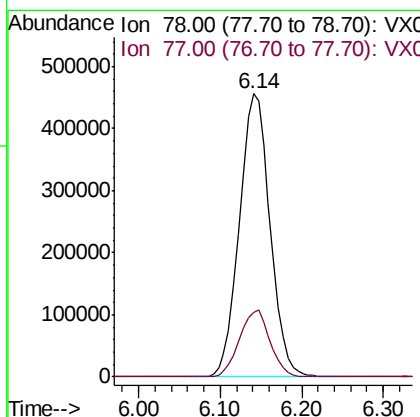
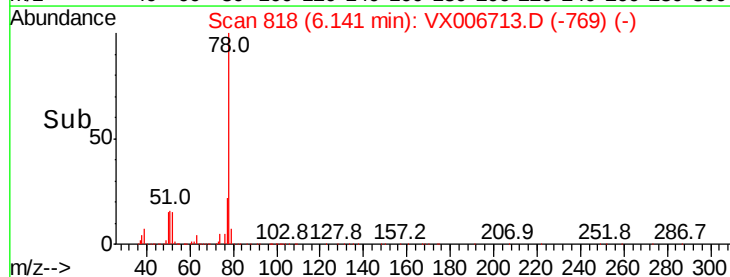
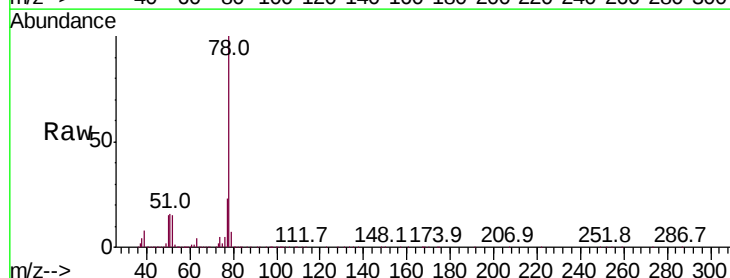
Manual Integrations
APPROVED

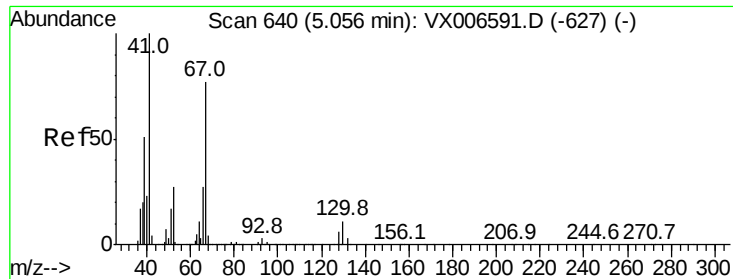
MMDadoda
12/22/2018 11:20:53 AM



#40
Benzene
Concen: 49.342 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX006713.D
Acq: 21 Dec 2018 09:07

Tgt Ion	78	Resp	1186039
Ion Ratio	100	Lower	Upper
78	100		
77	22.6	19.2	28.8





#41

Methacrylonitrile

Concen: 53.198 ug/l

RT: 5.06 min Scan# 641

Delta R.T. 0.01 min

Lab File: VX006713.D

Acq: 21 Dec 2018 09:07

Instrument :

MSVOA_X

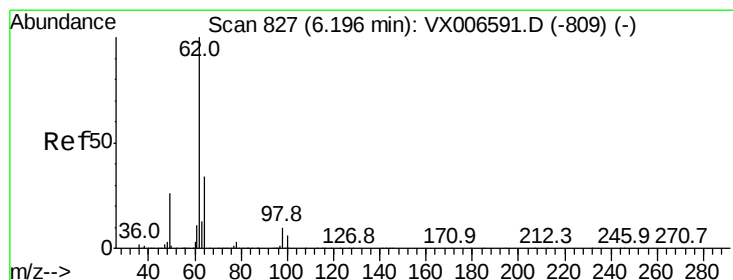
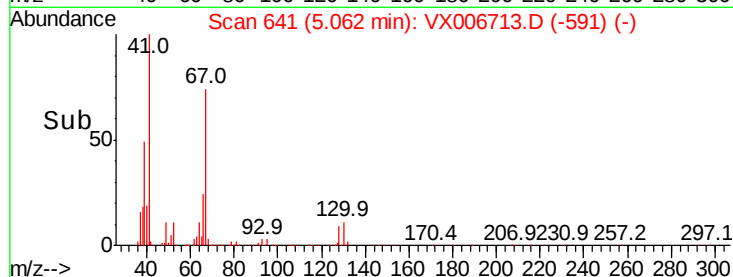
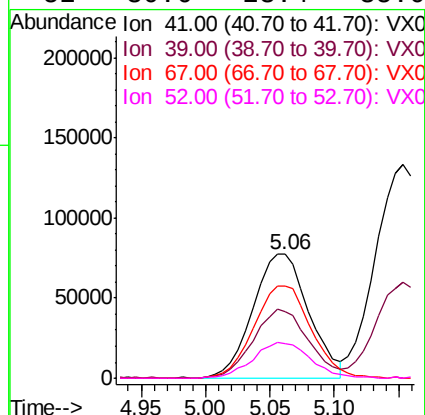
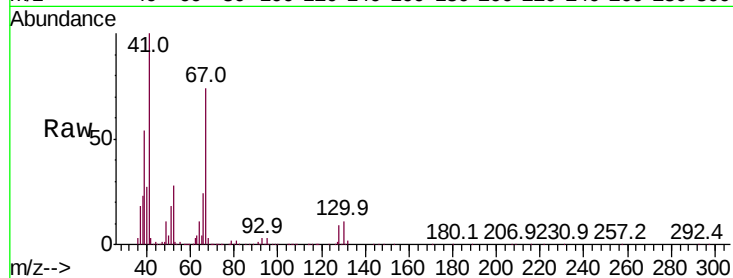
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.9	42.8	64.2	
67	76.8	62.1	93.1	
52	30.6	23.4	35.0	

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 48.198 ug/l

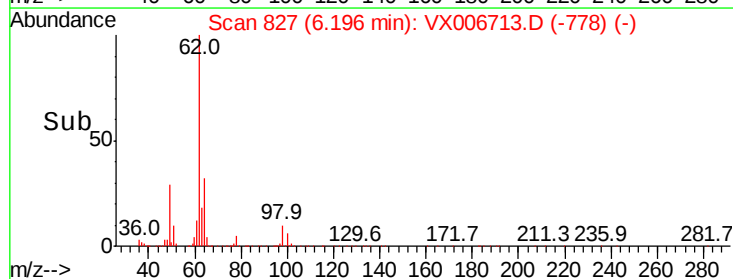
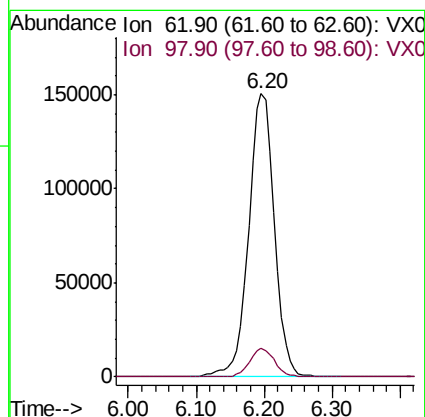
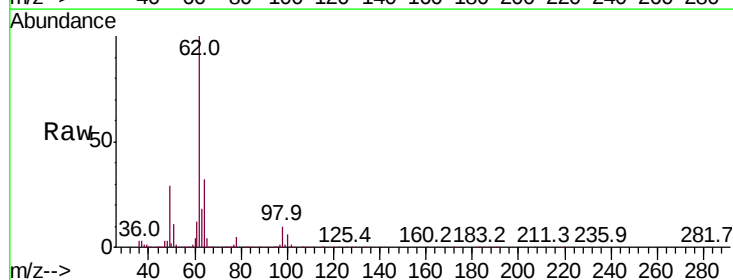
RT: 6.20 min Scan# 827

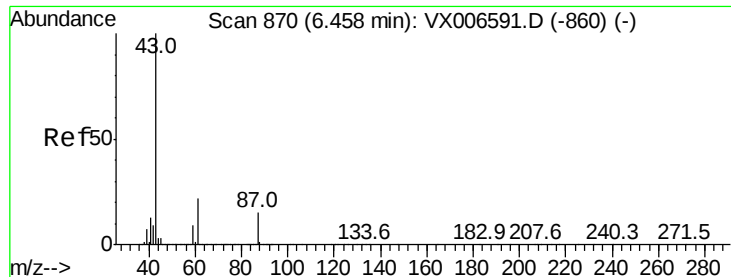
Delta R.T. -0.00 min

Lab File: VX006713.D

Acq: 21 Dec 2018 09:07

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.9	0.0	20.2	





#43

Isopropyl Acetate

Concen: 52.946 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX006713.D

Acq: 21 Dec 2018 09:07

Instrument :

MSVOA_X

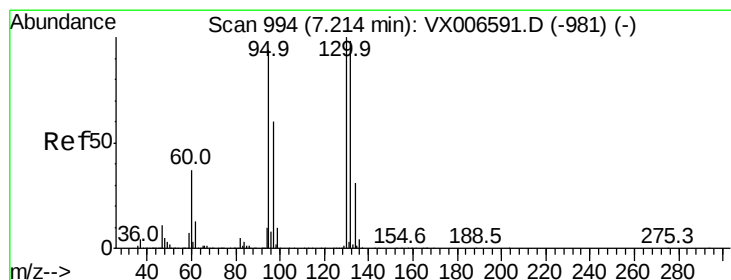
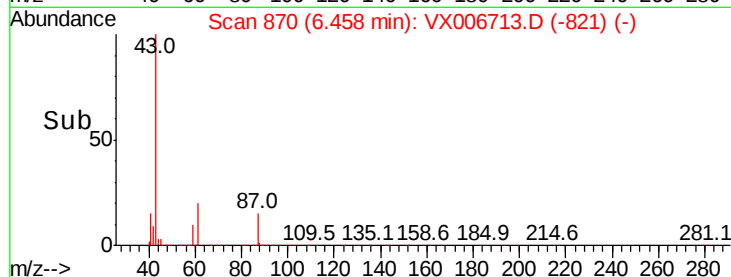
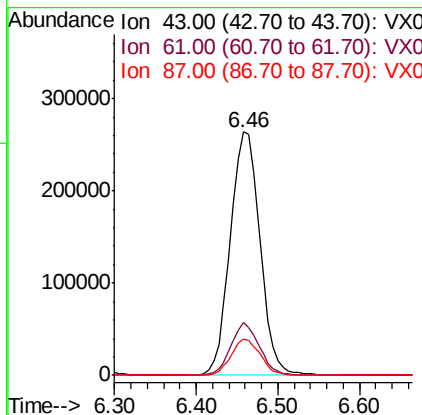
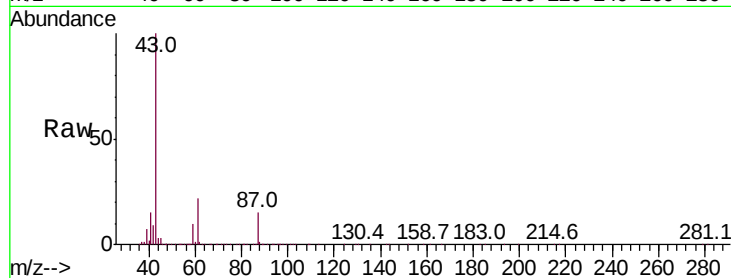
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	663047
Ion	Ratio	Lower	Upper
43	100		
61	20.7	16.8	25.2
87	14.5	12.4	18.6

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#44

Trichloroethene

Concen: 48.319 ug/l

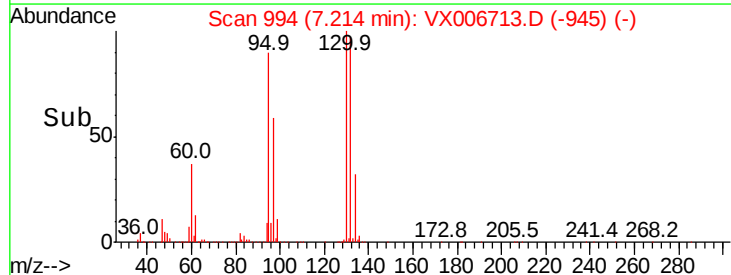
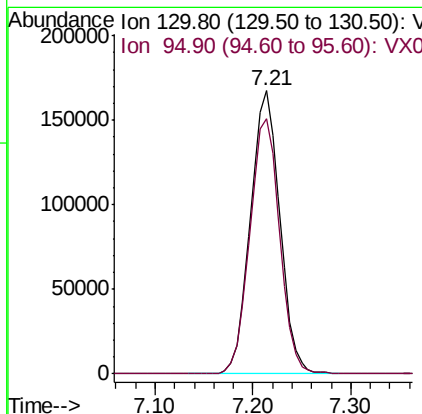
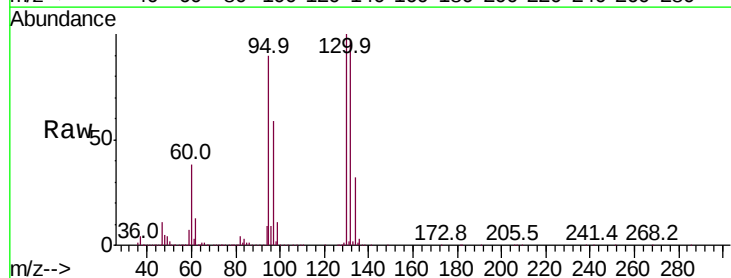
RT: 7.21 min Scan# 994

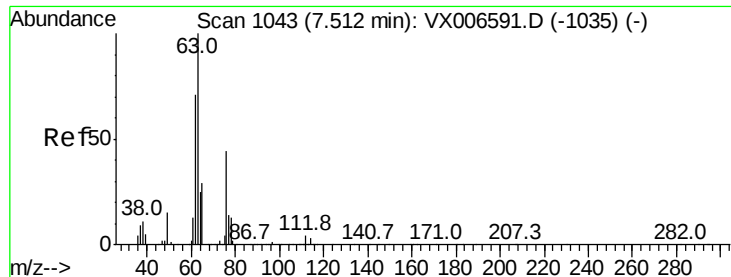
Delta R.T. -0.00 min

Lab File: VX006713.D

Acq: 21 Dec 2018 09:07

Tgt Ion:	130	Resp:	351535
Ion	Ratio	Lower	Upper
130	100		
95	90.0	0.0	187.0





#45

1,2-Dichloropropane

Concen: 50.816 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX006713.D

Acq: 21 Dec 2018 09:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 297241

Ion Ratio Lower Upper

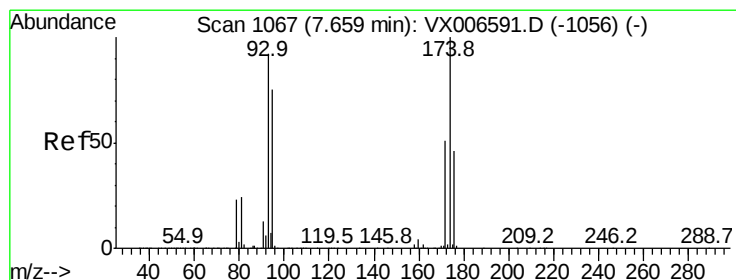
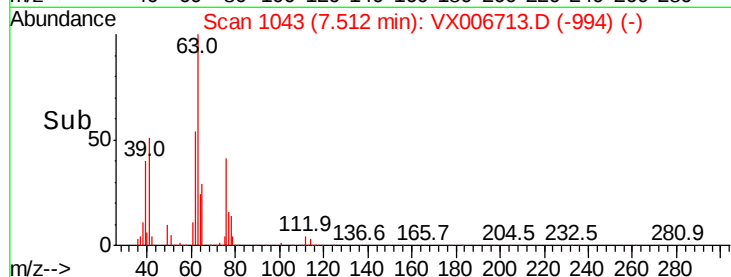
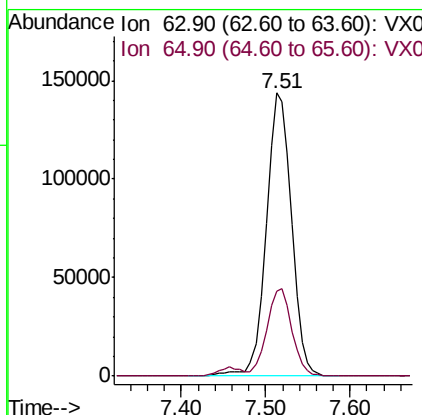
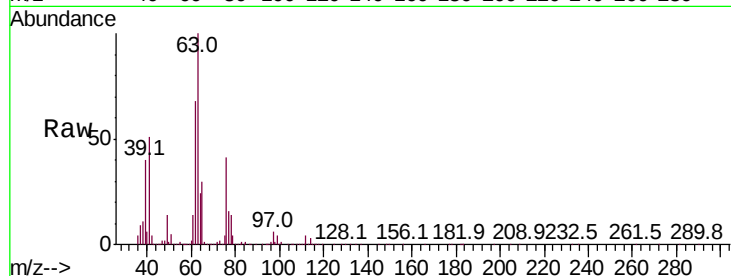
63 100

65 30.2 25.4 38.0

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#46

Dibromomethane

Concen: 48.796 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX006713.D

Acq: 21 Dec 2018 09:07

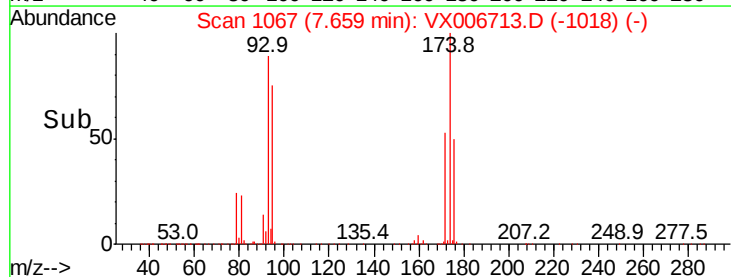
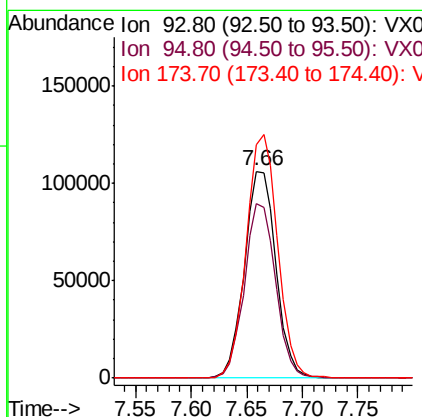
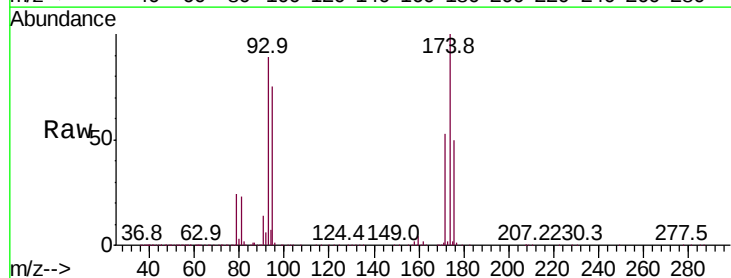
Tgt Ion: 93 Resp: 209947

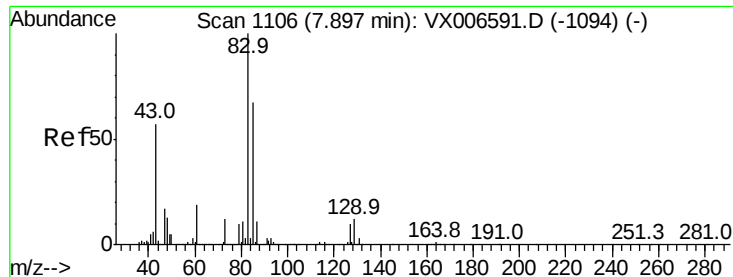
Ion Ratio Lower Upper

93 100

95 83.6 66.2 99.4

174 117.4 91.0 136.4





#47

Bromodichloromethane

Concen: 50.794 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VX006713.D

Acq: 21 Dec 2018 09:07

Instrument :

MSVOA_X

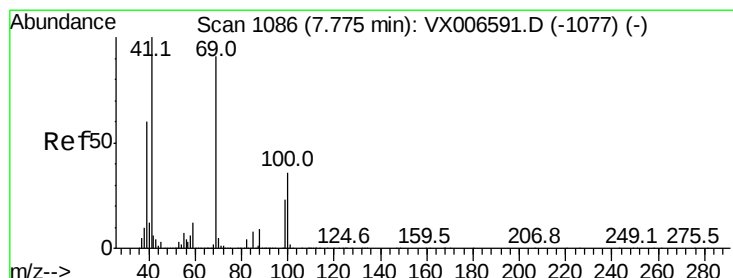
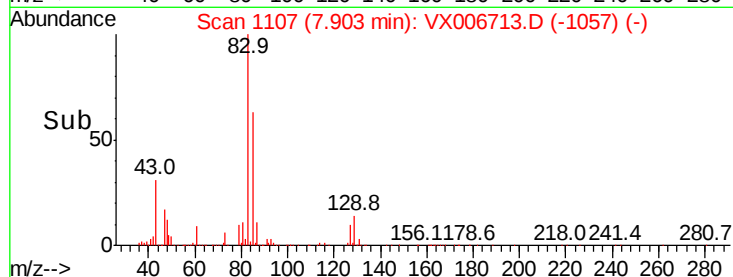
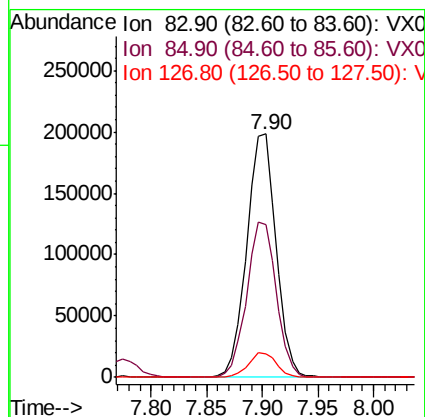
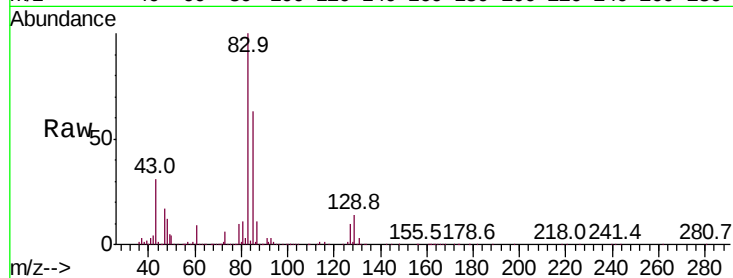
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	362831
Ion Ratio	Lower	Upper	
83	100		
85	62.8	53.2	79.8
127	9.8	7.8	11.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 52.592 ug/l

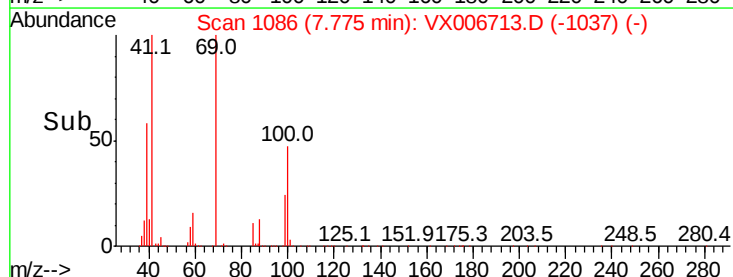
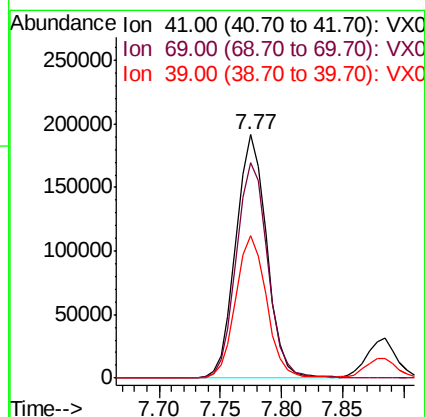
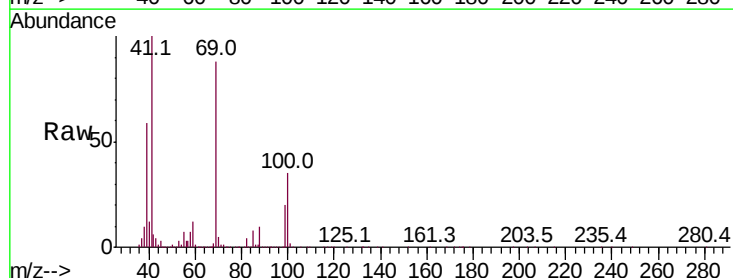
RT: 7.77 min Scan# 1086

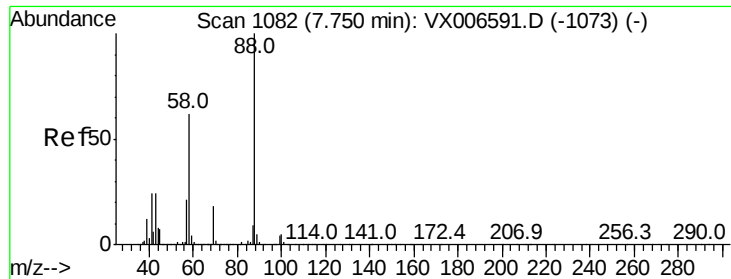
Delta R.T. -0.00 min

Lab File: VX006713.D

Acq: 21 Dec 2018 09:07

Tgt Ion:	41	Resp:	334926
Ion Ratio	Lower	Upper	
41	100		
69	90.7	72.4	108.6
39	58.4	45.8	68.8





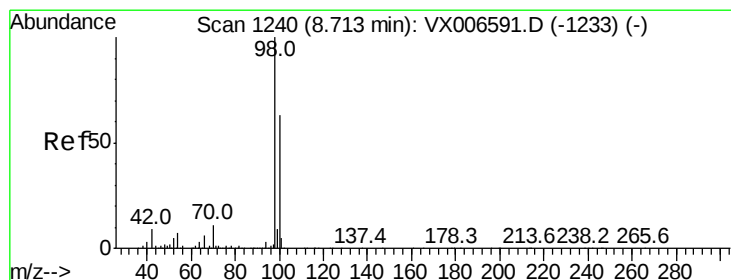
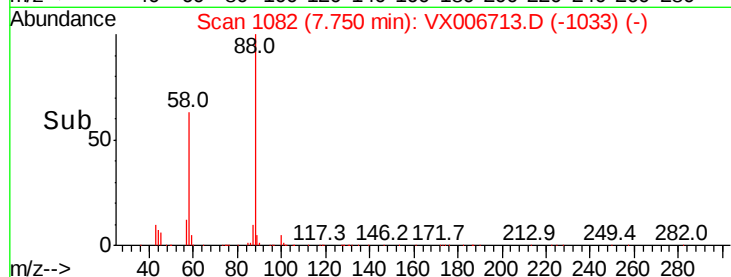
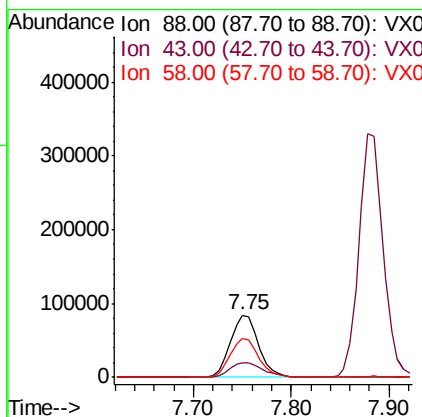
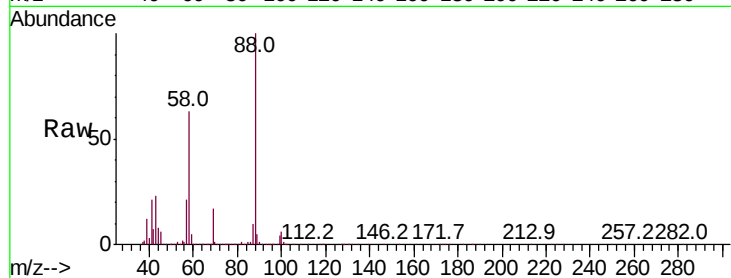
#49
1,4-Dioxane
Concen: 1006.610 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX006713.D
Acq: 21 Dec 2018 09:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	27.8	22.2	33.4
58	64.0	51.0	76.4

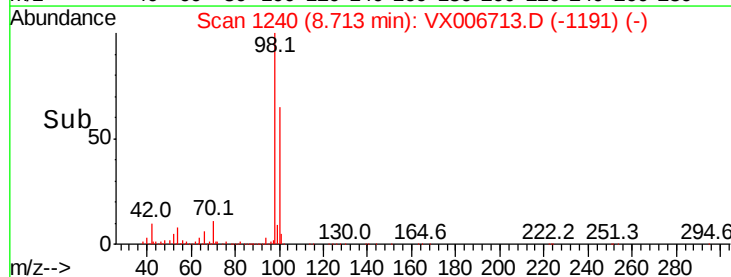
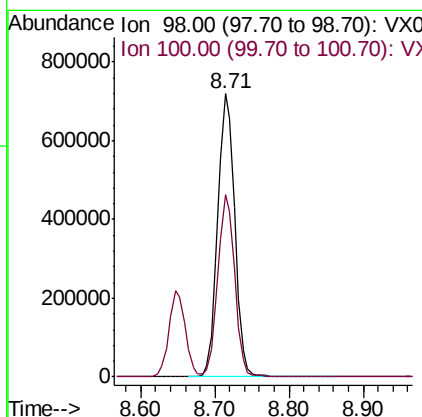
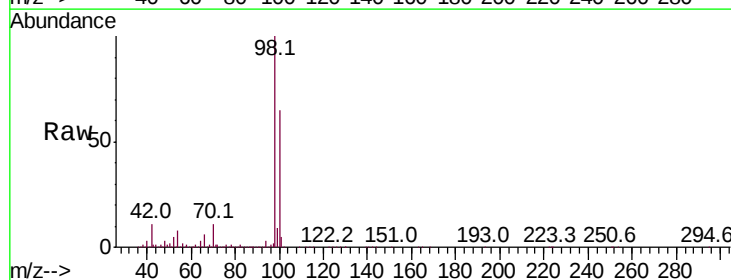
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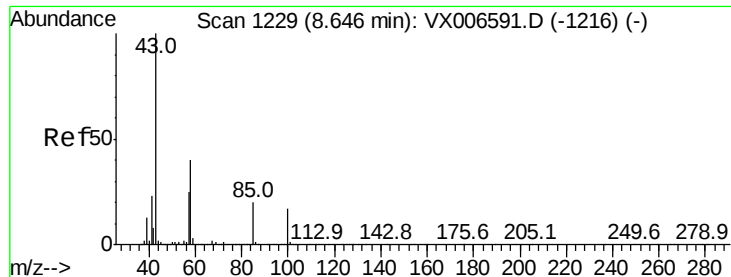
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#50
Toluene-d8
Concen: 49.873 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006713.D
Acq: 21 Dec 2018 09:07

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.7	52.0	78.0





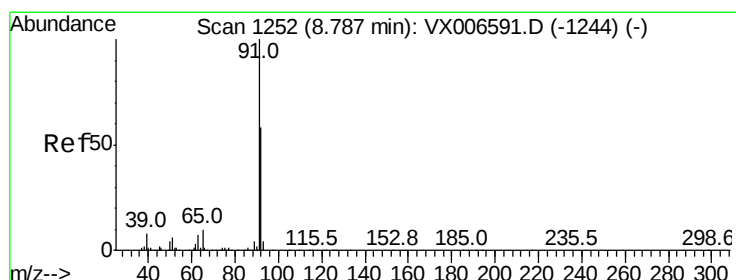
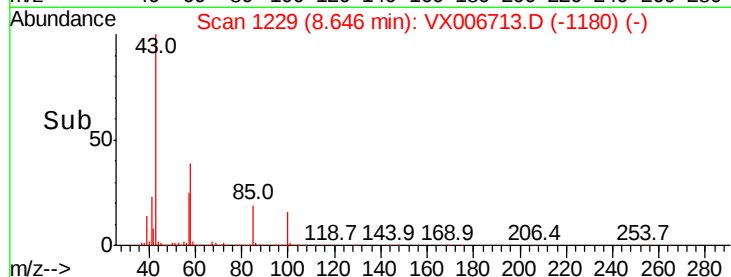
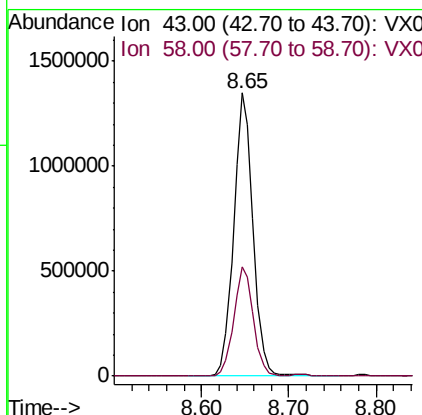
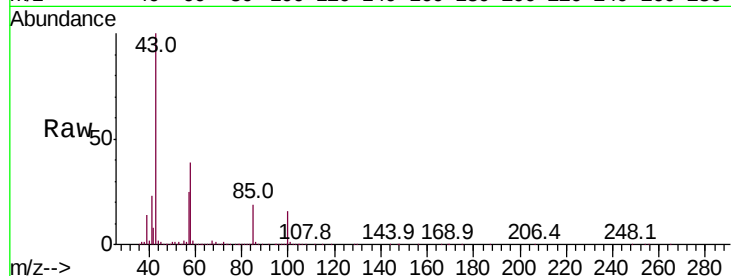
#51
4-Methyl-2-Pentanone
Concen: 260.749 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. 0.00 min
Lab File: VX006713.D
Acq: 21 Dec 2018 09:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 2077678
Ion Ratio Lower Upper
43 100
58 39.1 31.8 47.6

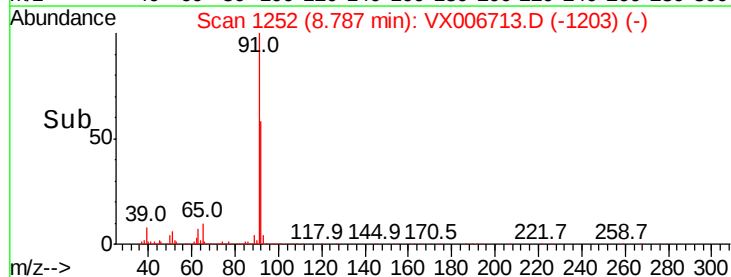
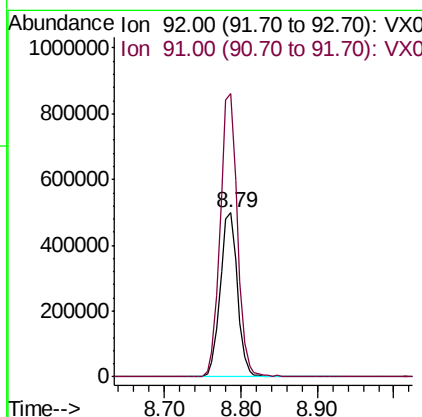
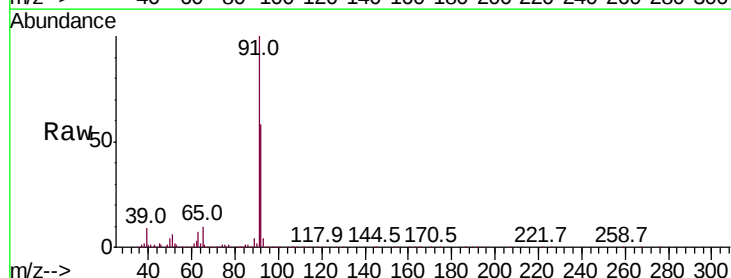
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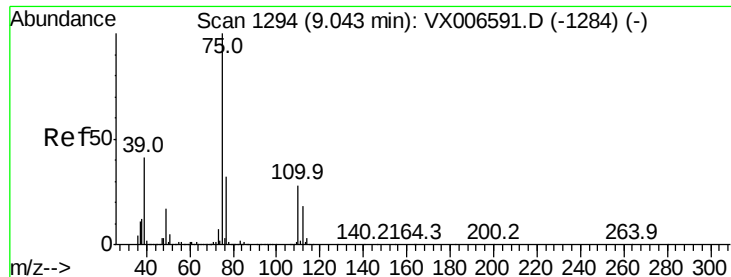
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#52
Toluene
Concen: 50.147 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX006713.D
Acq: 21 Dec 2018 09:07

Tgt Ion: 92 Resp: 778727
Ion Ratio Lower Upper
92 100
91 172.4 137.6 206.4





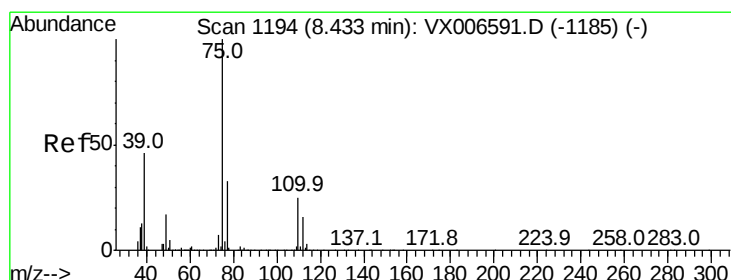
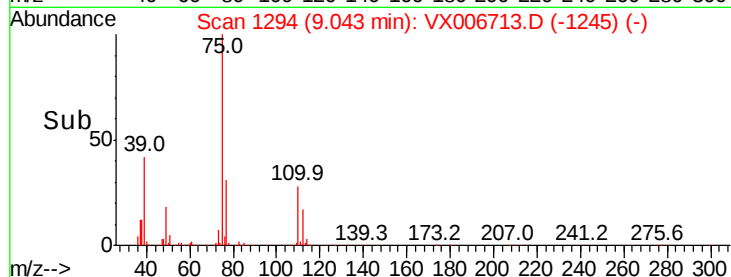
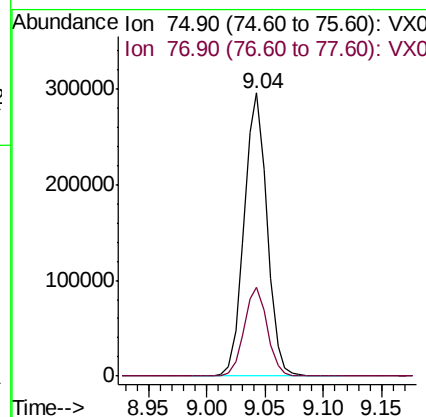
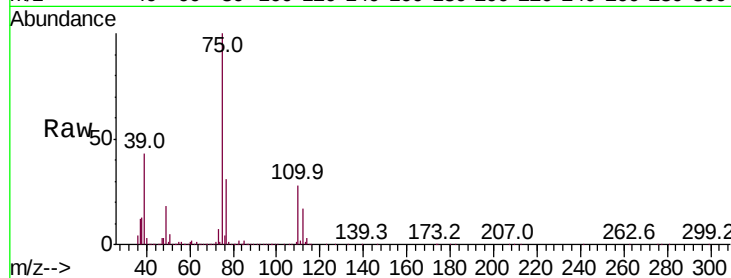
#53
t-1,3-Dichloropropene
Concen: 53.248 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX006713.D
Acq: 21 Dec 2018 09:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.1	25.4	38.0

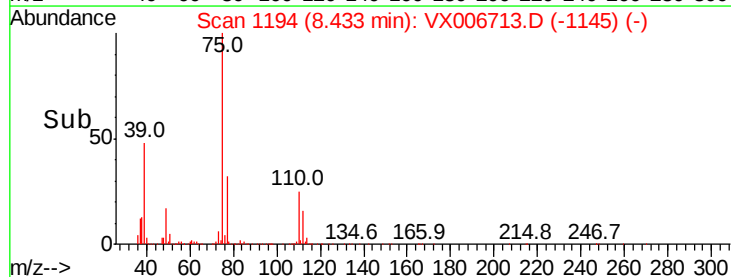
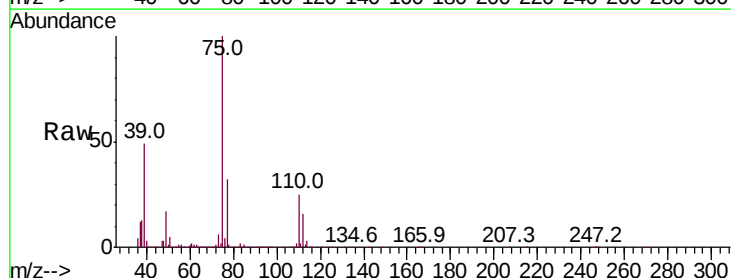
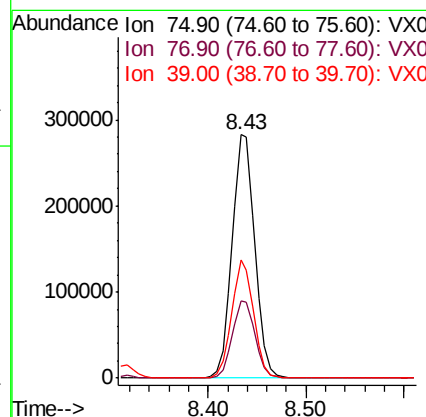
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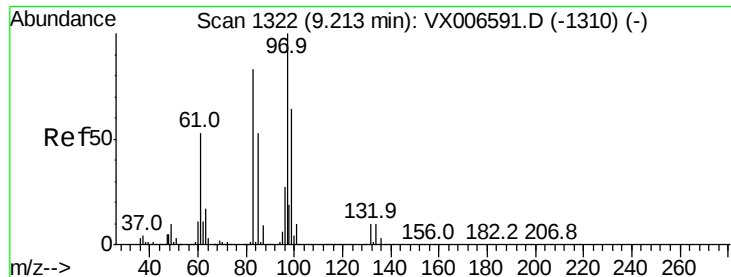
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#54
cis-1,3-Dichloropropene
Concen: 53.994 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX006713.D
Acq: 21 Dec 2018 09:07

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.9	26.2	39.2
39	48.4	36.7	55.1





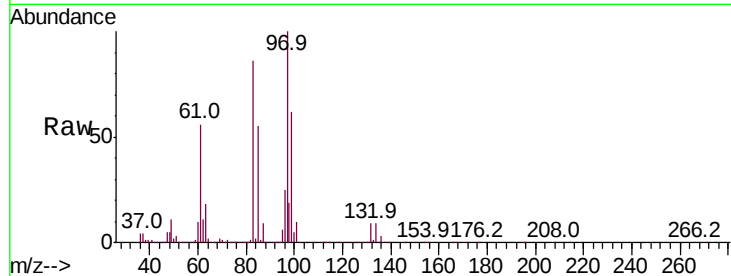
#55
1,1,2-Trichloroethane
Concen: 49.619 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. -0.00 min
Lab File: VX006713.D
Acq: 21 Dec 2018 09:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

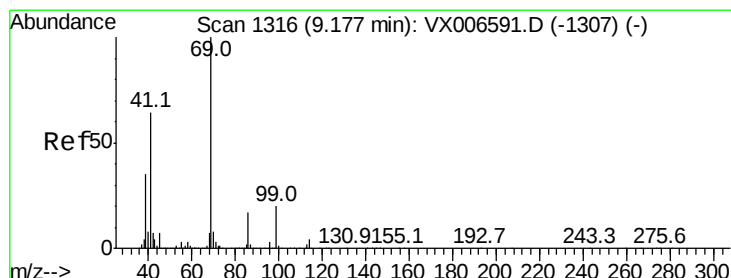
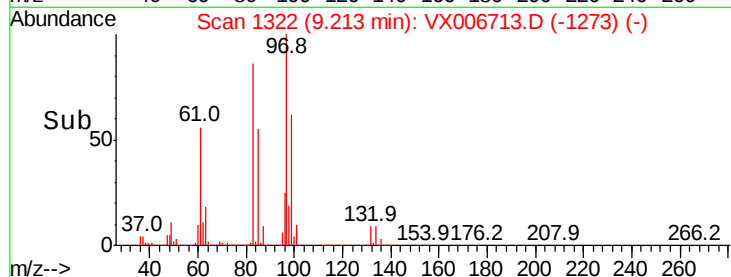
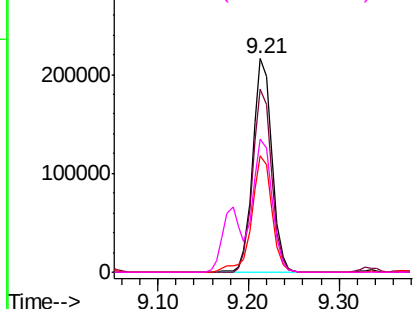
Tot Ion	Ratio	Lower	Upper
97	100		
83	85.5	66.6	99.8
85	54.8	42.7	64.1
99	62.1	50.8	76.2

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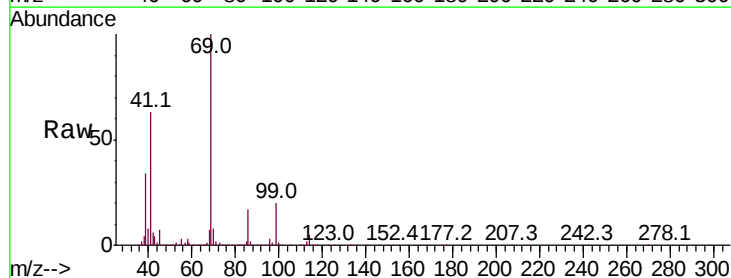


Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 98.90 (98.60 to 99.60): VX0

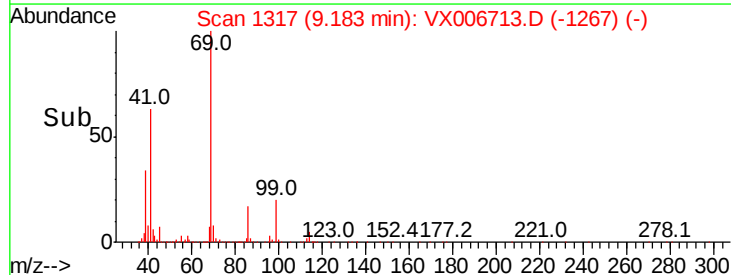
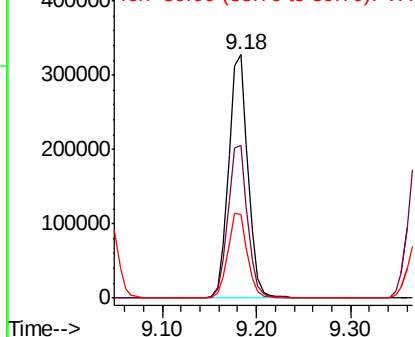


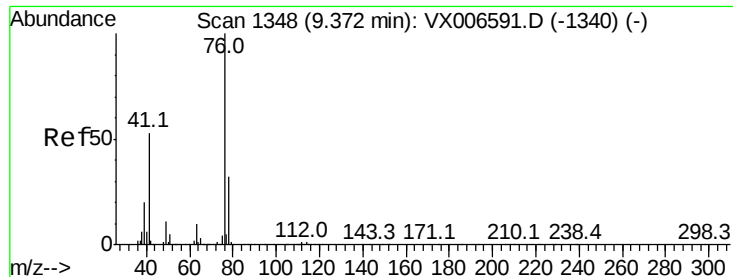
#56
Ethyl methacrylate
Concen: 51.725 ug/l
RT: 9.18 min Scan# 1317
Delta R.T. 0.01 min
Lab File: VX006713.D
Acq: 21 Dec 2018 09:07

Tgt Ion	Ratio	Lower	Upper
69	100		
41	63.3	48.7	73.1
39	35.1	27.0	40.6



Abundance Ion 69.00 (68.70 to 69.70): VX0
Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 48.971 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX006713.D

Acq: 21 Dec 2018 09:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 500805

Ion Ratio Lower Upper

76 100

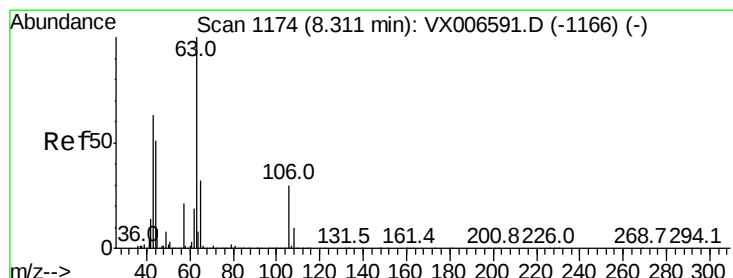
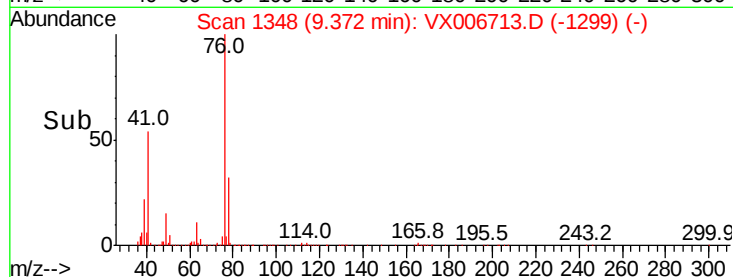
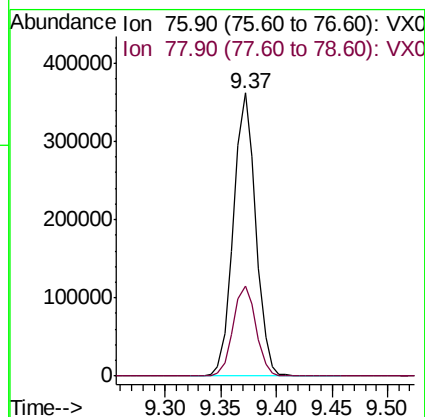
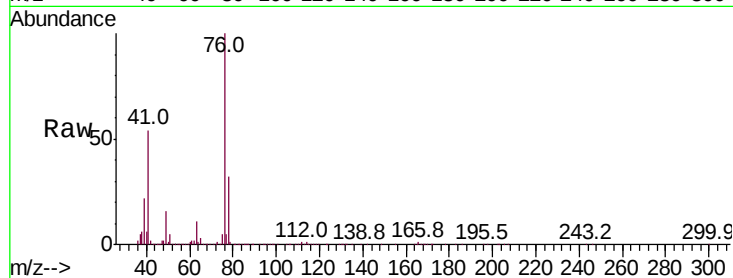
78 33.0 26.0 39.0

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#58

2-Chloroethyl Vinyl ether

Concen: 253.330 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX006713.D

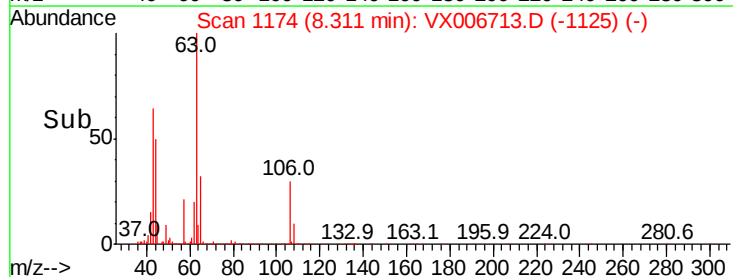
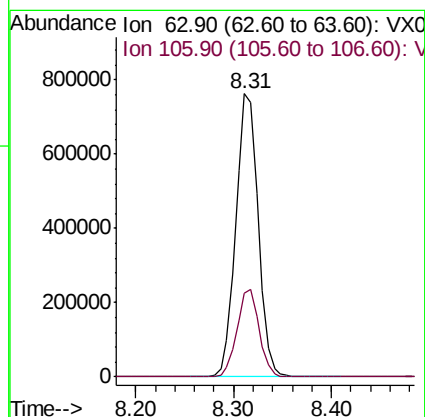
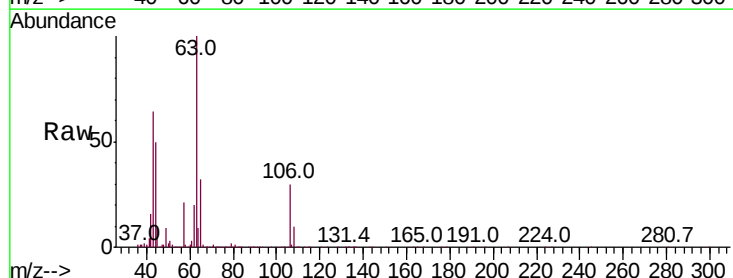
Acq: 21 Dec 2018 09:07

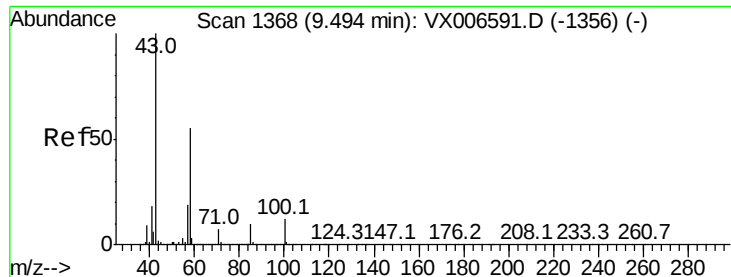
Tgt Ion: 63 Resp: 1209772

Ion Ratio Lower Upper

63 100

106 30.7 24.6 36.8





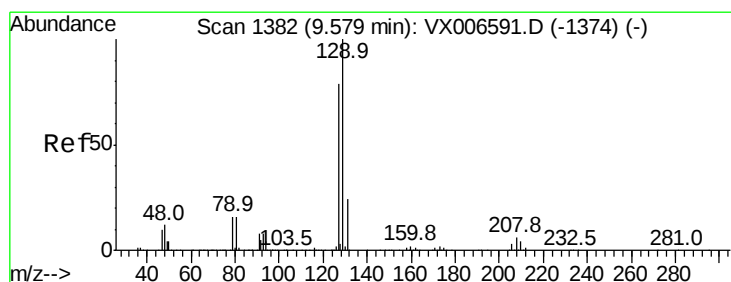
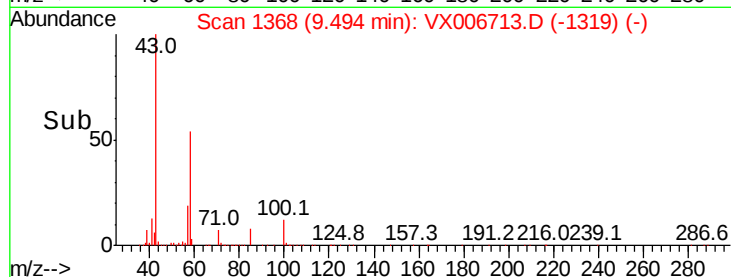
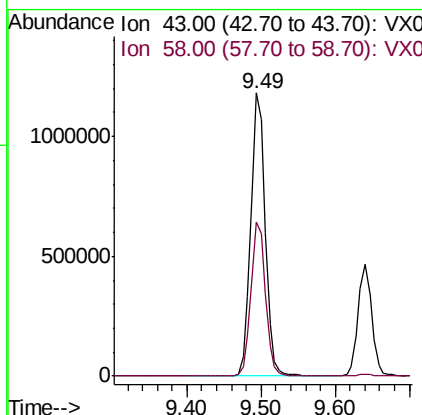
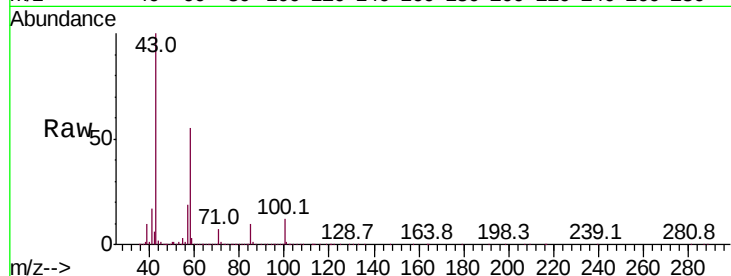
#59
2-Hexanone
Concen: 265.633 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX006713.D
Acq: 21 Dec 2018 09:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1619445
Ion Ratio Lower Upper
43 100
58 55.1 27.7 83.1

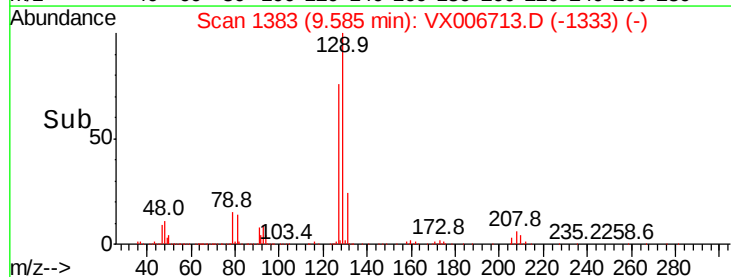
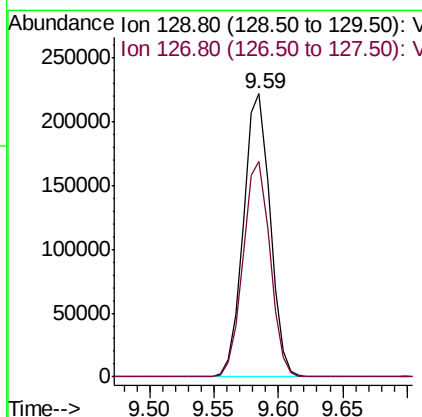
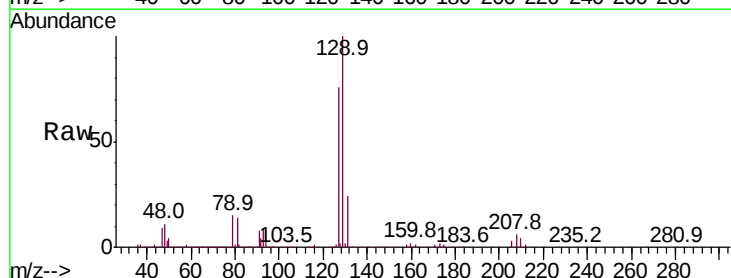
Manual Integrations
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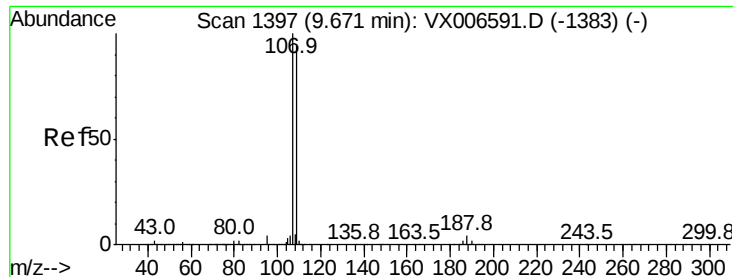
MMDadoda
12/22/2018 11:20:53 AM



#60
Dibromochloromethane
Concen: 47.671 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX006713.D
Acq: 21 Dec 2018 09:07

Tgt Ion: 129 Resp: 316158
Ion Ratio Lower Upper
129 100
127 77.0 39.3 117.8





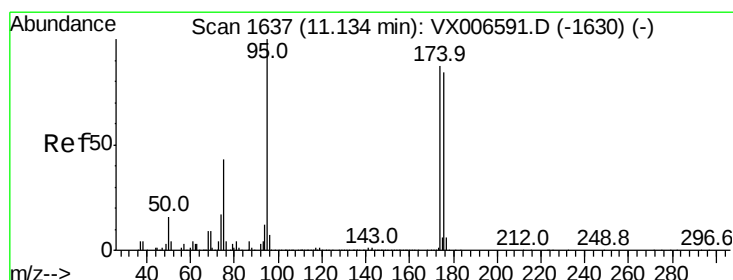
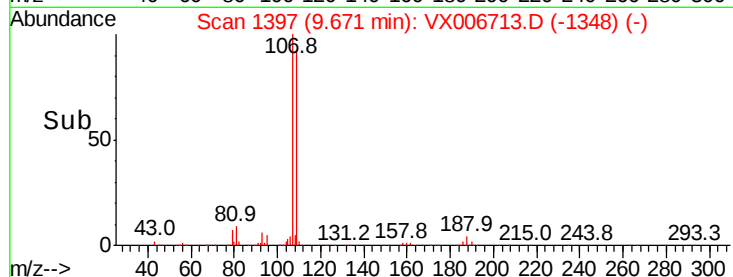
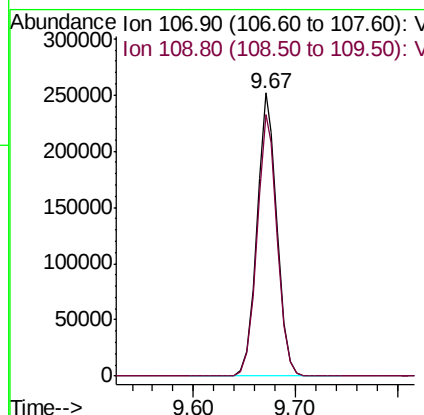
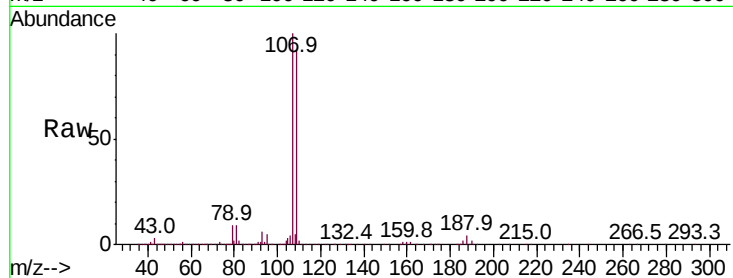
#61
 1,2-Dibromoethane
 Concen: 51.102 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX006713.D
 Acq: 21 Dec 2018 09:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
107	100	345291		
109	93.4	75.8	113.6	

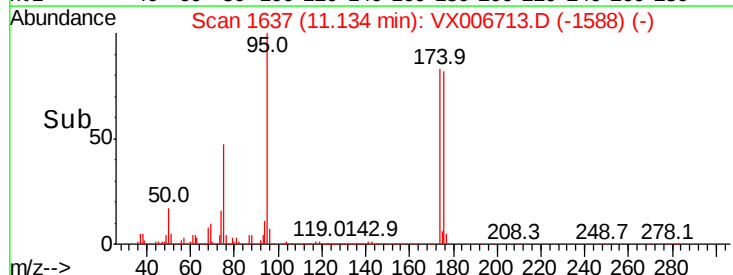
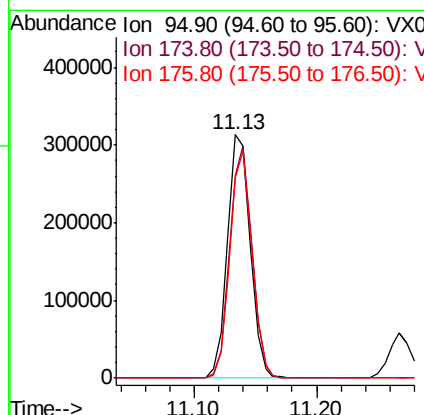
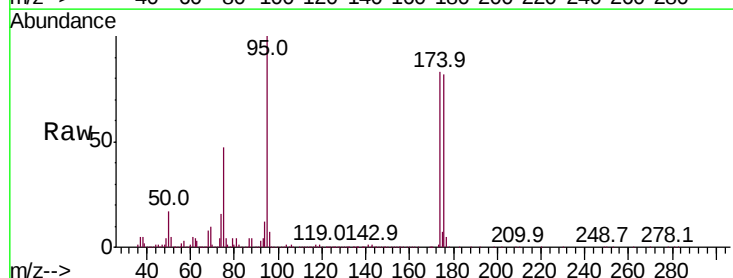
Manual Integrations
 APPROVED

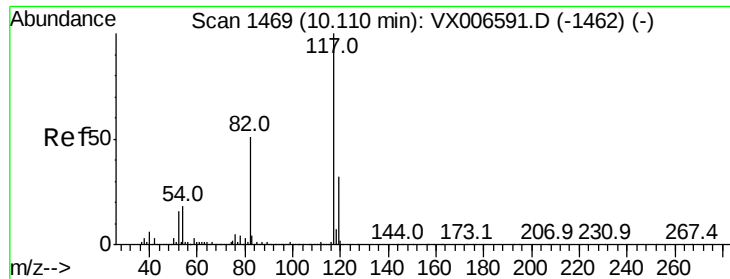
MMDadoda
 12/22/2018 11:20:53 AM



#62
 4-Bromofluorobenzene
 Concen: 48.423 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: VX006713.D
 Acq: 21 Dec 2018 09:07

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	403686		
174	92.6	0.0	182.2	
176	90.2	0.0	178.8	





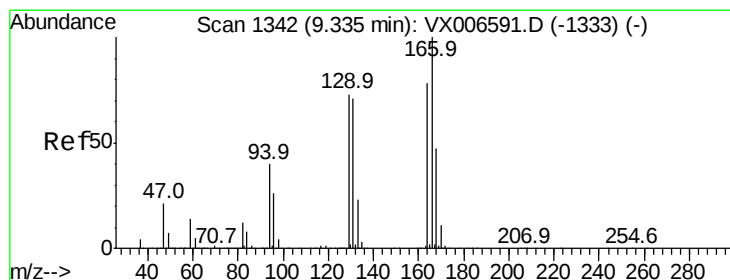
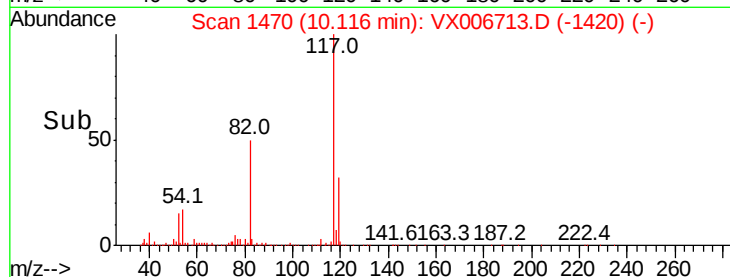
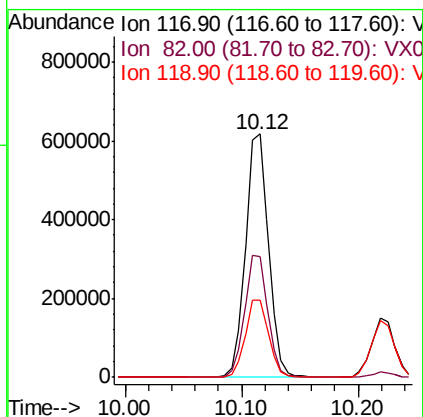
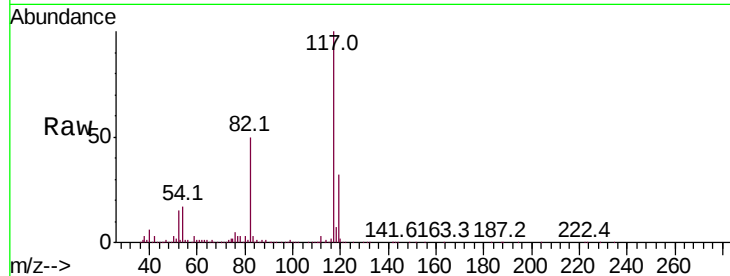
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX006713.D
Acq: 21 Dec 2018 09:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	852706		
82	49.7		41.0	61.6
119	31.9		25.4	38.0

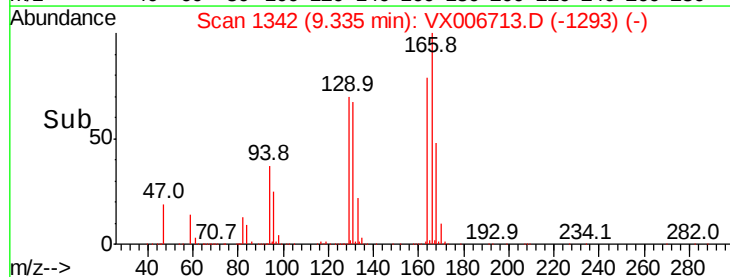
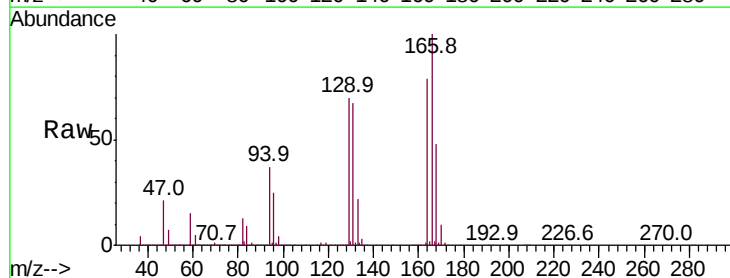
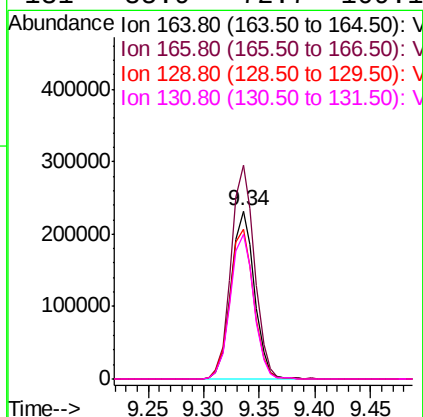
Manual Integrations
APPROVED

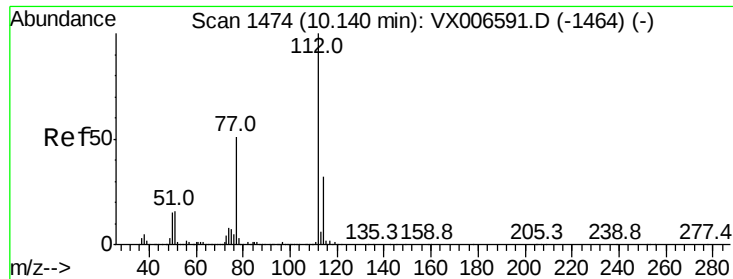
MMDadoda
12/22/2018 11:20:53 AM



#64
Tetrachloroethene
Concen: 49.836 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006713.D
Acq: 21 Dec 2018 09:07

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	336496		
166	127.3		102.5	153.7
129	89.1		75.1	112.7
131	85.9		72.7	109.1





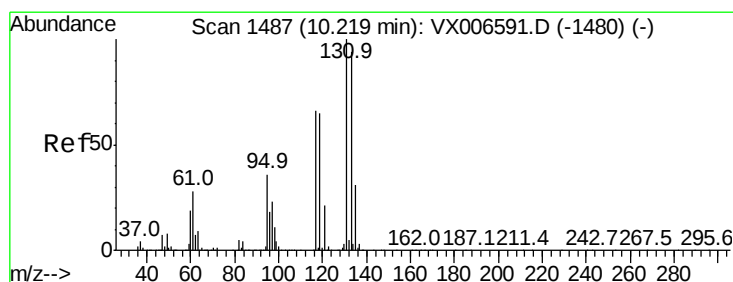
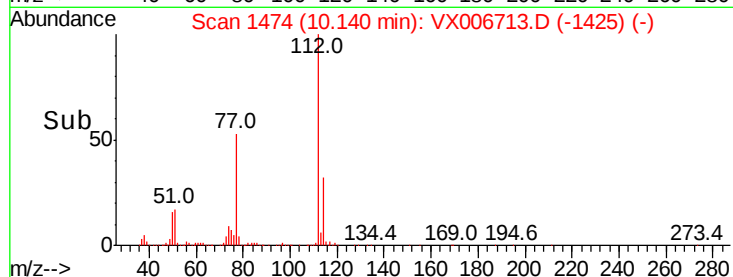
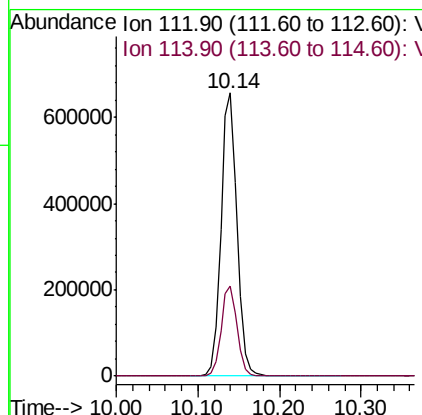
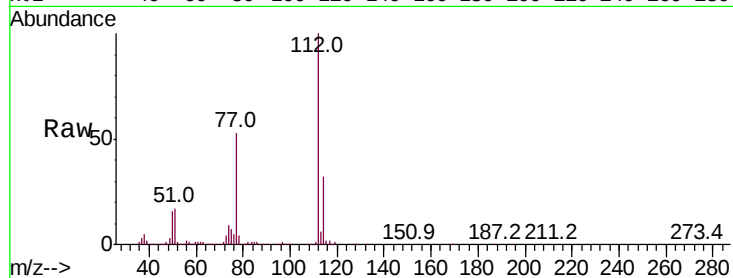
#65
Chlorobenzene
Concen: 49.916 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX006713.D
Acq: 21 Dec 2018 09:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 900464
Ion Ratio Lower Upper
112 100
114 31.7 25.7 38.5

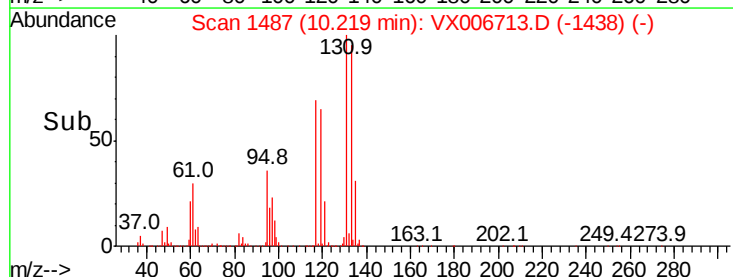
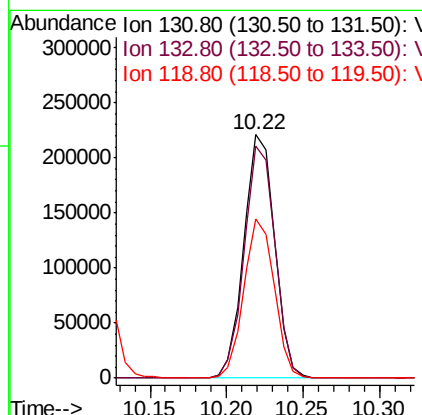
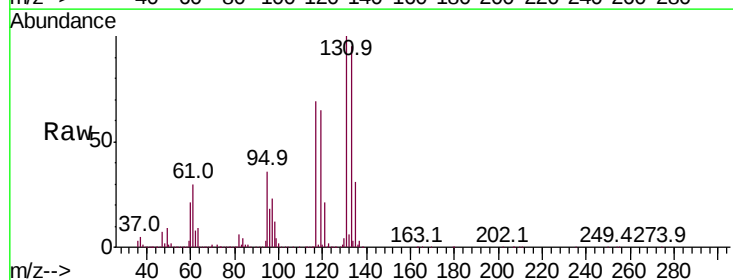
Manual Integrations
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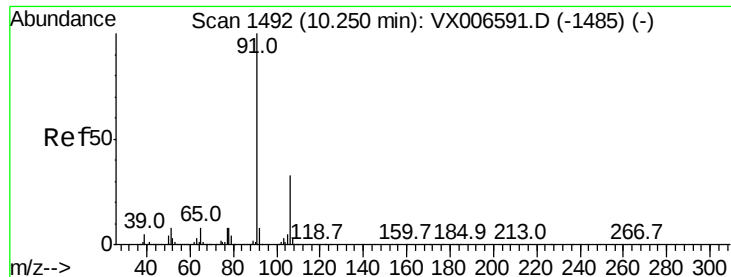
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#66
1,1,1,2-Tetrachloroethane
Concen: 54.999 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX006713.D
Acq: 21 Dec 2018 09:07

Tgt Ion:131 Resp: 309555
Ion Ratio Lower Upper
131 100
133 95.6 48.0 144.2
119 64.6 32.6 97.8





#67

Ethyl Benzene

Concen: 50.257 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX006713.D

Acq: 21 Dec 2018 09:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 1481490

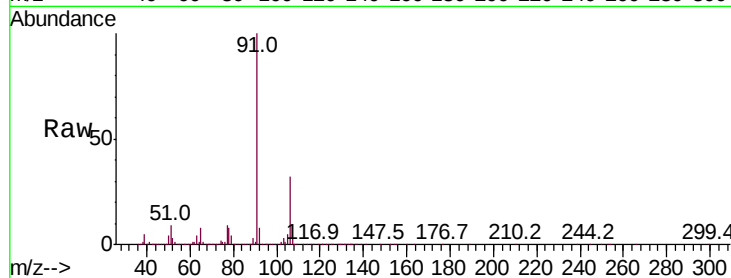
Ion Ratio Lower Upper

91 100

106 32.4 26.4 39.6

Manual Integrations
APPROVED

MMDadoda
12/22/2018 11:20:53 AM



Abundance Ion 91.00 (90.70 to 91.70): VX006591.D (-1485) (-)

Ion 106.00 (105.70 to 106.70): VX006713.D (-1443) (-)

2000000

1500000

1000000

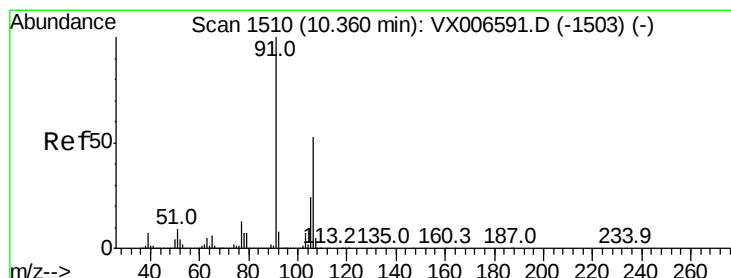
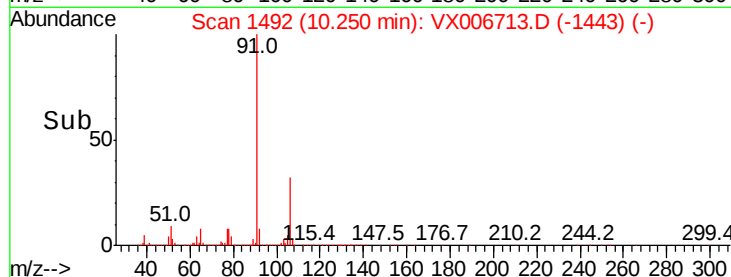
500000

0

10.20

10.30

Time-->



#68

m/p-Xylenes

Concen: 100.445 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX006713.D

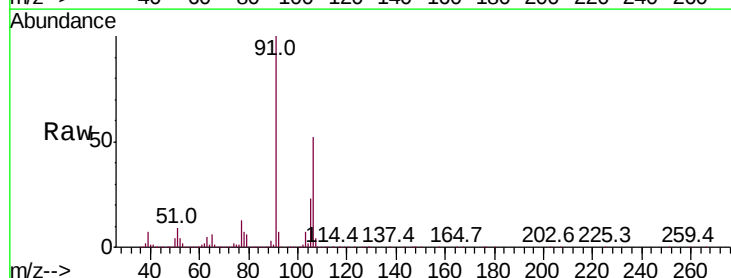
Acq: 21 Dec 2018 09:07

Tgt Ion: 106 Resp: 1168380

Ion Ratio Lower Upper

106 100

91 195.1 155.8 233.6



Abundance Ion 106.00 (105.70 to 106.70): VX006713.D (-1461) (-)

Ion 91.00 (90.70 to 91.70): VX006591.D (-1503) (-)

2000000

1500000

1000000

500000

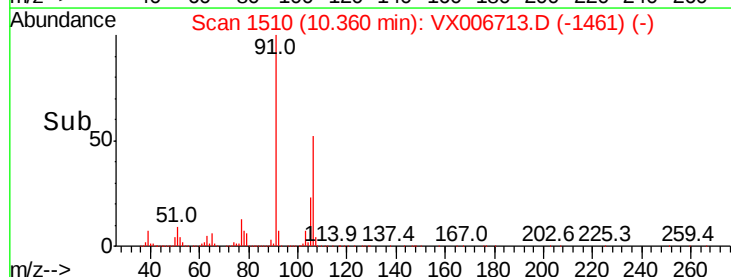
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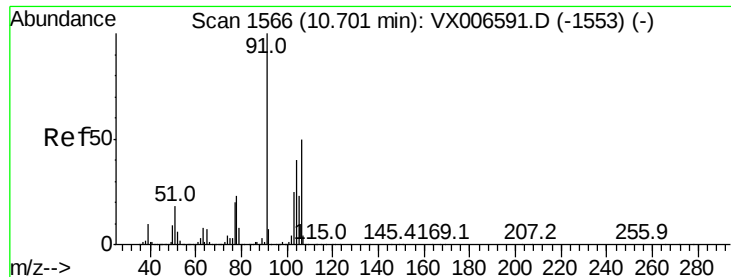
10.30

10.35

10.40

Time-->





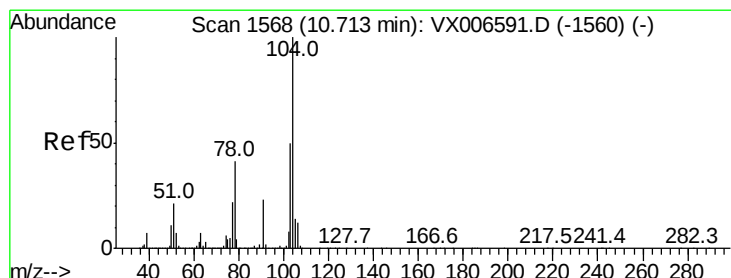
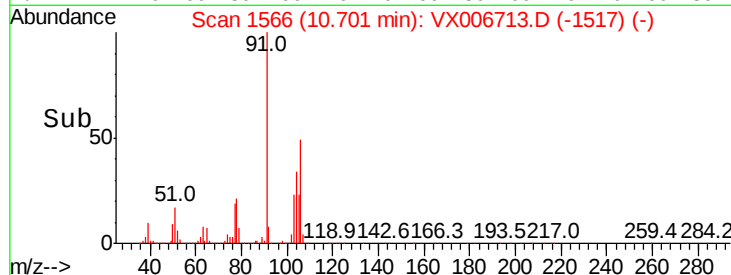
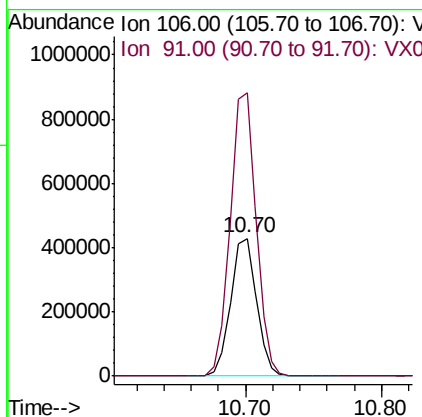
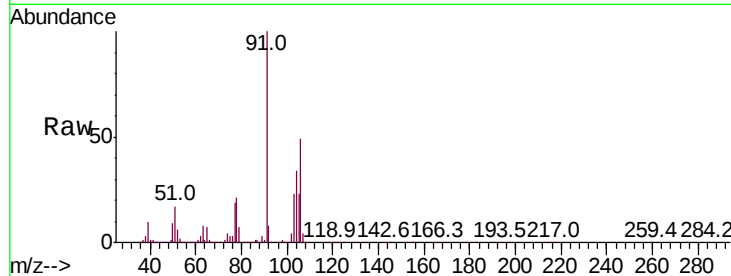
#69
o-Xylene
Concen: 49.660 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX006713.D
Acq: 21 Dec 2018 09:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	205.6	101.3	303.7

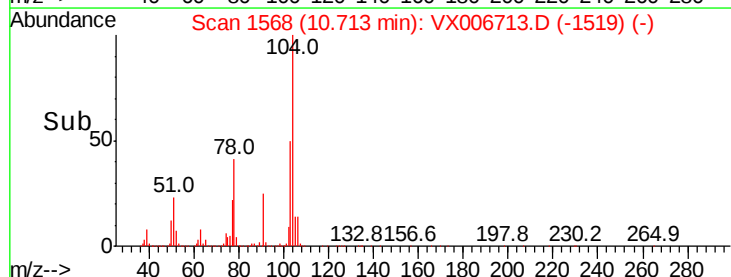
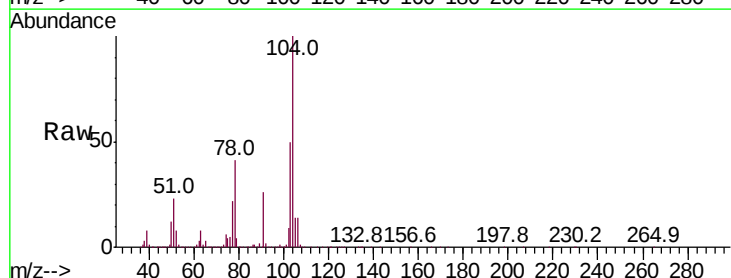
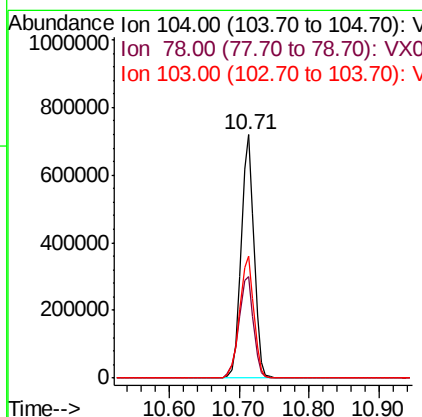
Manual Integrations
APPROVED

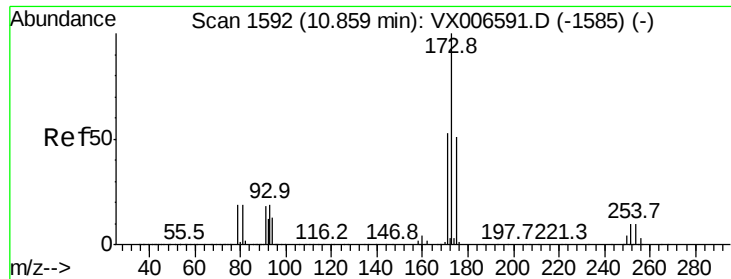
MMDadoda
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#70
Styrene
Concen: 50.572 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX006713.D
Acq: 21 Dec 2018 09:07

Tgt Ion	Ratio	Lower	Upper
104	100		
78	47.4	37.7	56.5
103	55.5	43.8	65.8





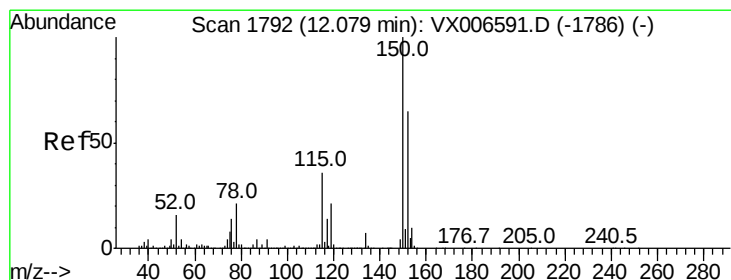
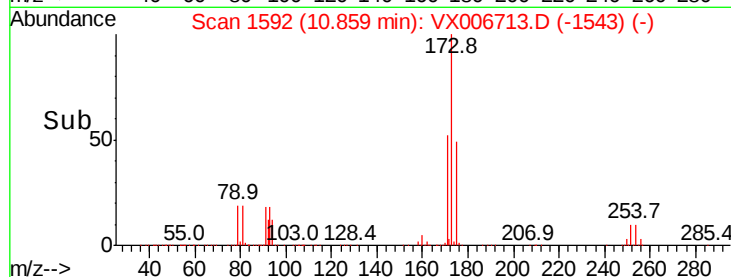
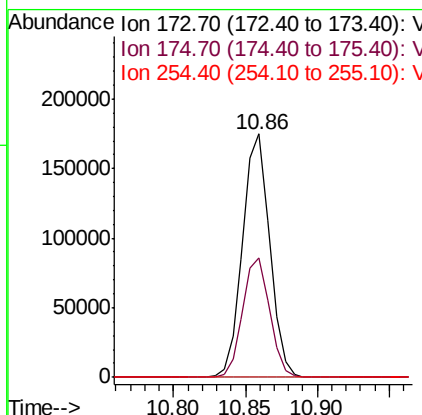
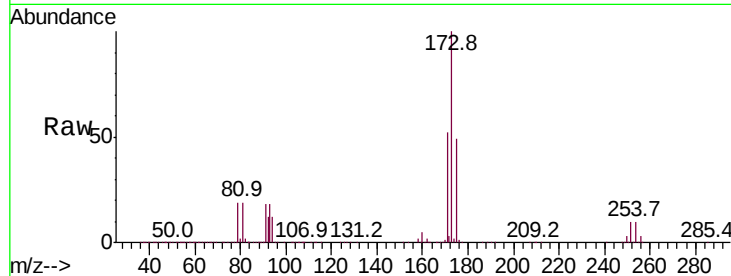
#71
Bromoform
Concen: 45.429 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. 0.00 min
Lab File: VX006713.D
Acq: 21 Dec 2018 09:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
173	100	228361		
175	49.1	24.7	74.1	
254	0.1	0.2	0.2#	

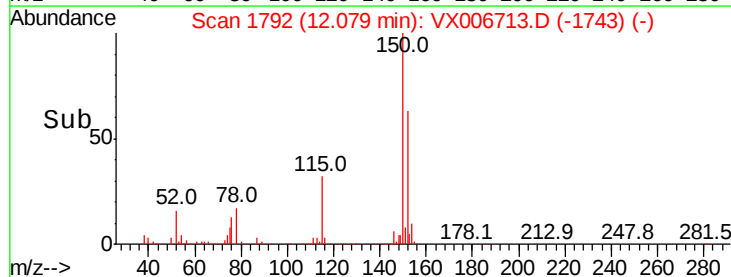
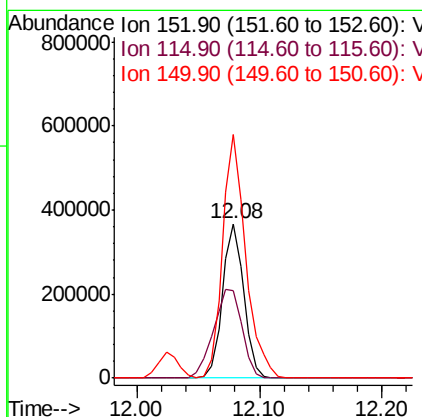
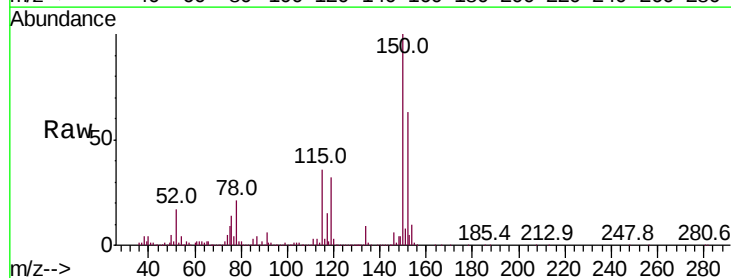
Manual Integrations
APPROVED

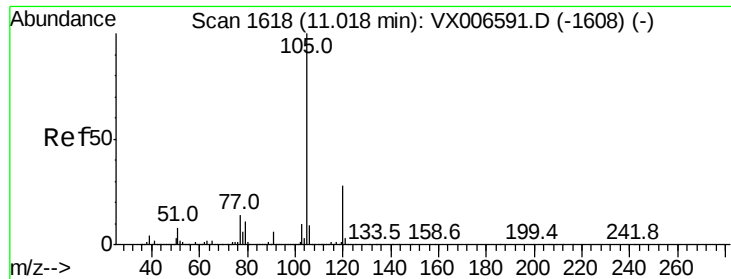
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX006713.D
Acq: 21 Dec 2018 09:07

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	439290		
115	77.6	39.1	117.2	
150	172.3	0.0	344.8	





#73

Isopropylbenzene

Concen: 50.876 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX006713.D

Acq: 21 Dec 2018 09:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1528961

Ion Ratio Lower Upper

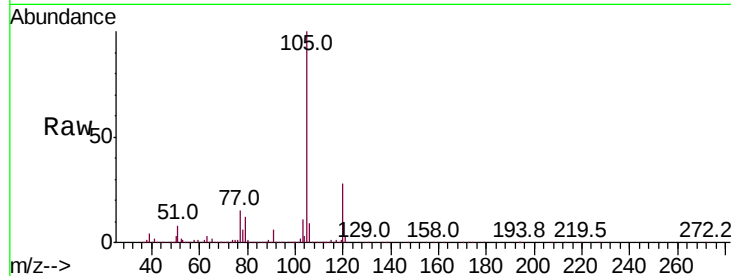
105 100

120 28.0 14.1 42.4

Manual Integrations
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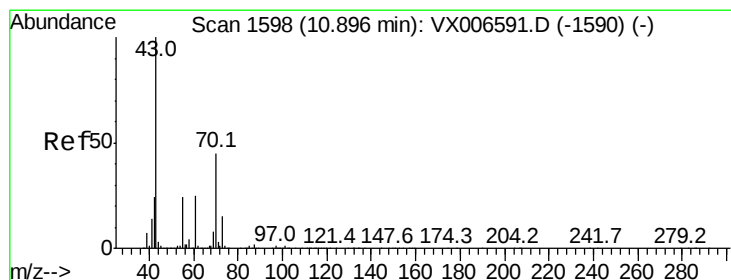
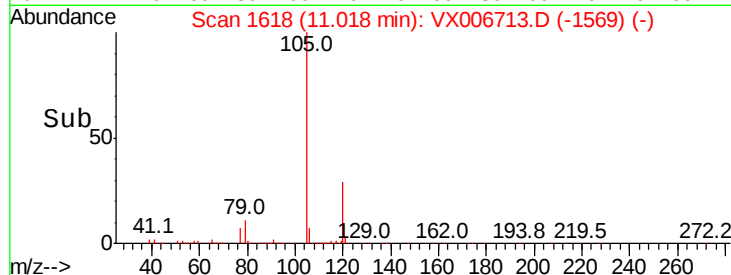
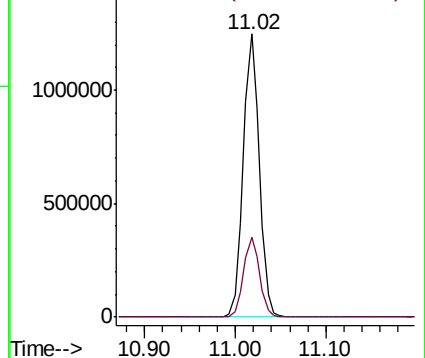
MMDadoda

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 54.050 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX006713.D

Acq: 21 Dec 2018 09:07

Tgt Ion: 43 Resp: 581427

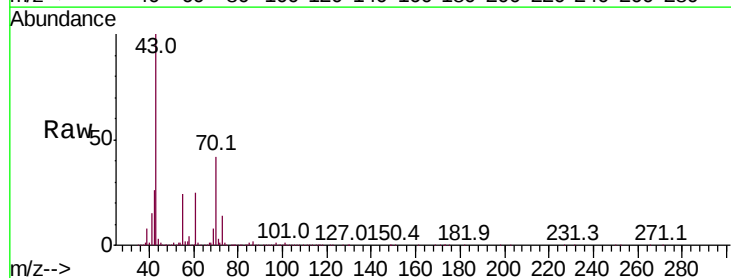
Ion Ratio Lower Upper

43 100

70 43.5 35.8 53.8

55 24.1 19.4 29.0

61 24.7 20.1 30.1

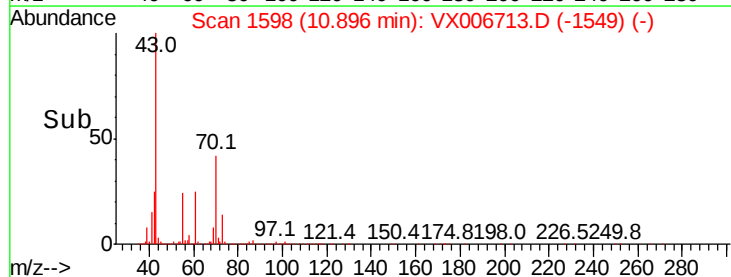
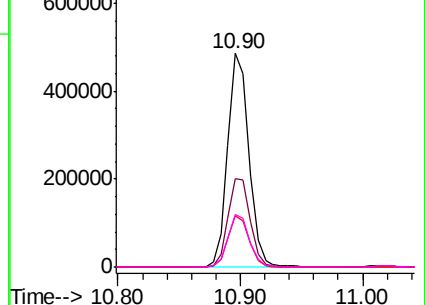


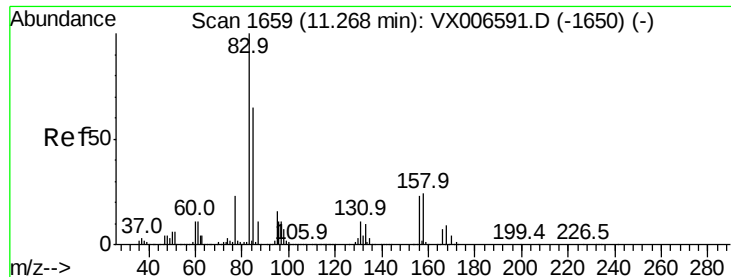
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 51.022 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX006713.D

Acq: 21 Dec 2018 09:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 456021

Ion Ratio Lower Upper

83 100

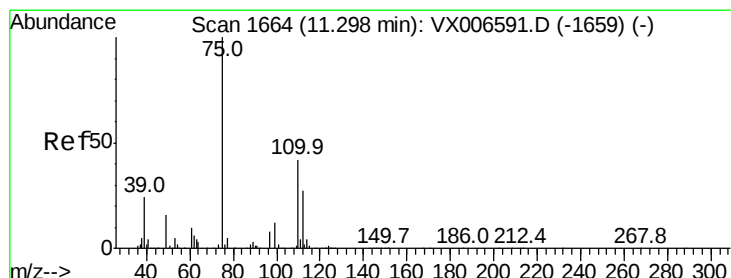
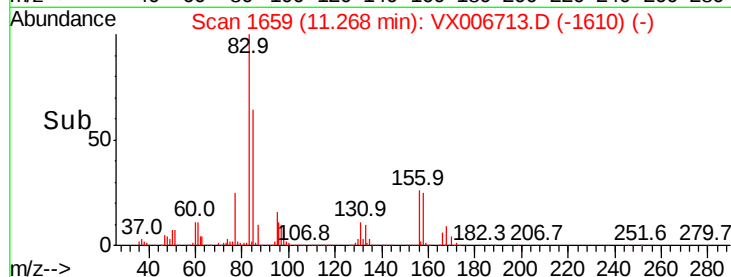
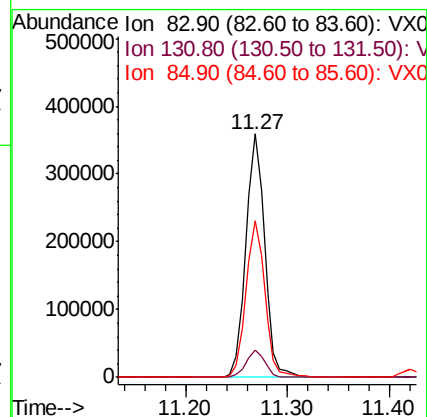
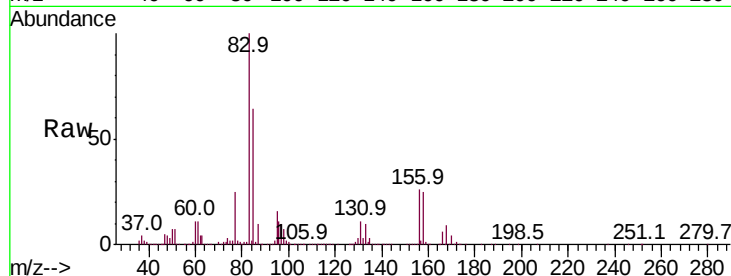
131 11.3 5.7 17.1

85 65.0 32.2 96.6

Manual Integrations
APPROVED

MMDadoda

12/22/2018 11:20:53 AM



#76

1,2,3-Trichloropropane

Concen: 51.550 ug/l m

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX006713.D

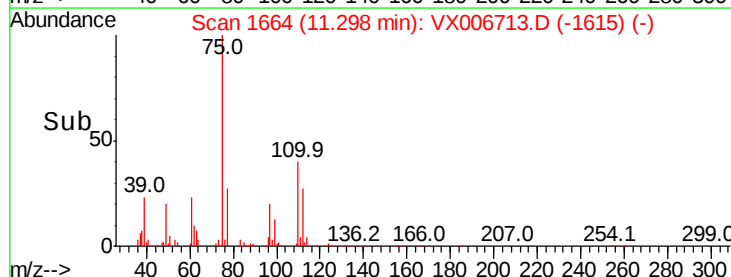
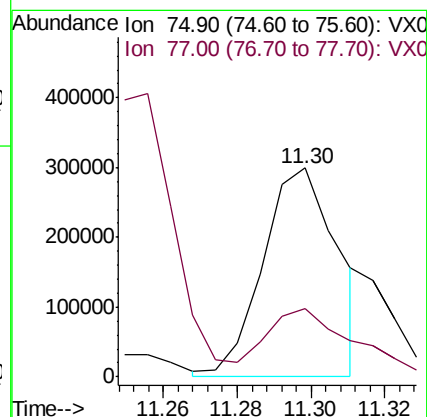
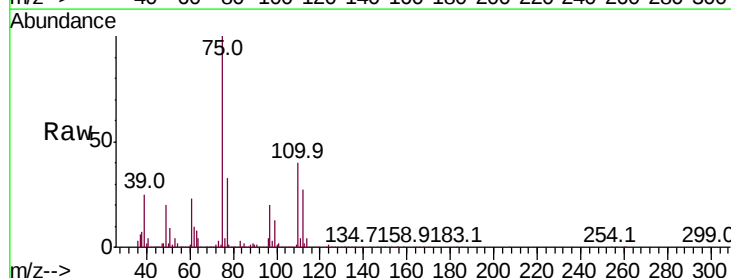
Acq: 21 Dec 2018 09:07

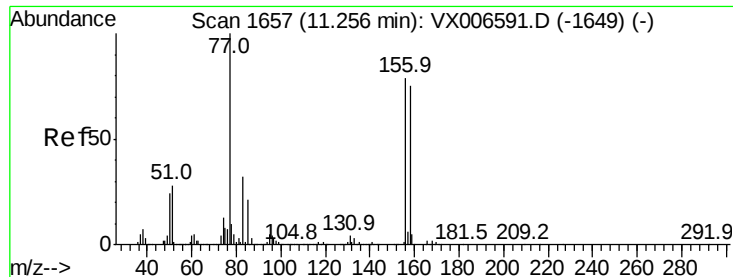
Tgt Ion: 75 Resp: 420848

Ion Ratio Lower Upper

75 100

77 38.0 18.5 55.5





#77

Bromobenzene

Concen: 49.458 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX006713.D

Acq: 21 Dec 2018 09:07

Instrument :

MSVOA_X

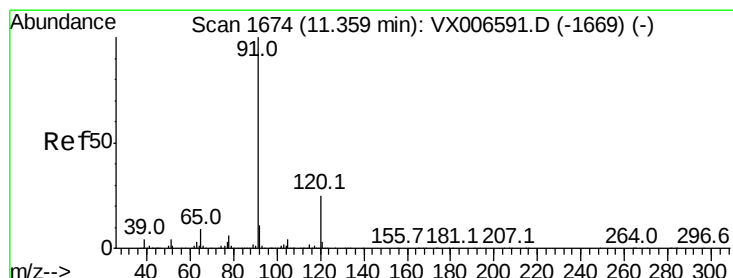
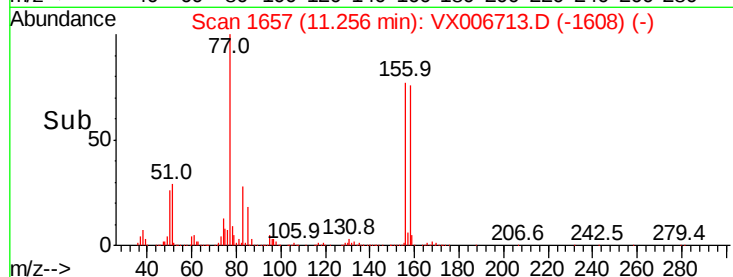
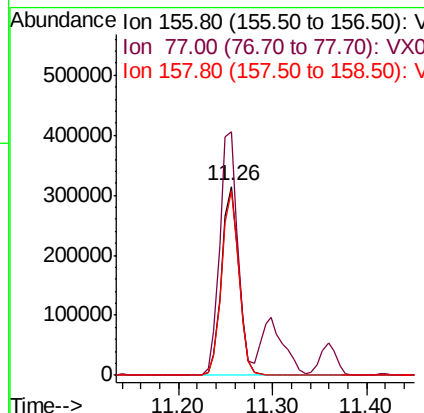
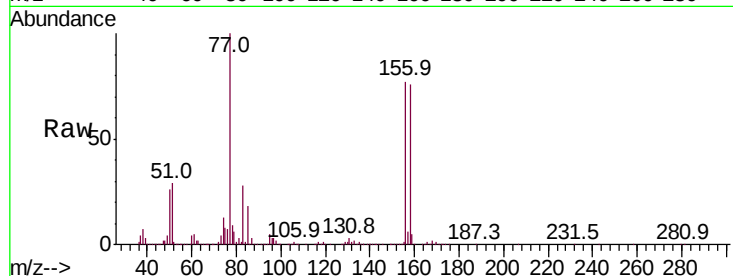
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	135.0	68.0	204.0
158	97.3	48.3	144.8

Manual Integrations
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#78

n-propylbenzene

Concen: 51.969 ug/l

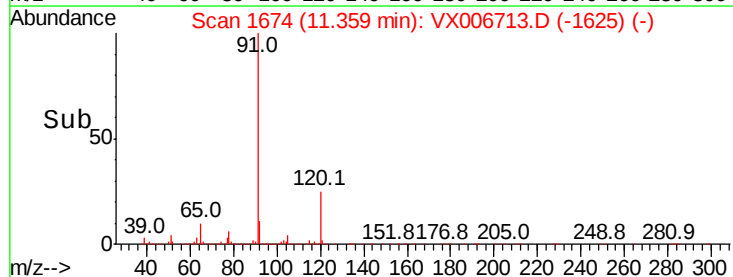
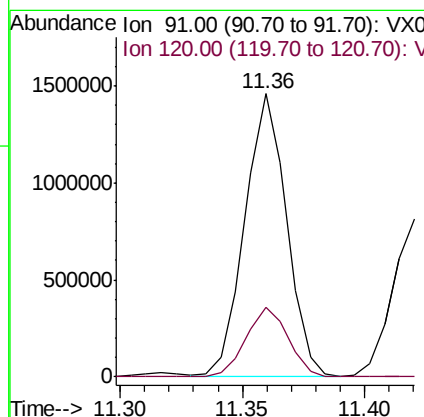
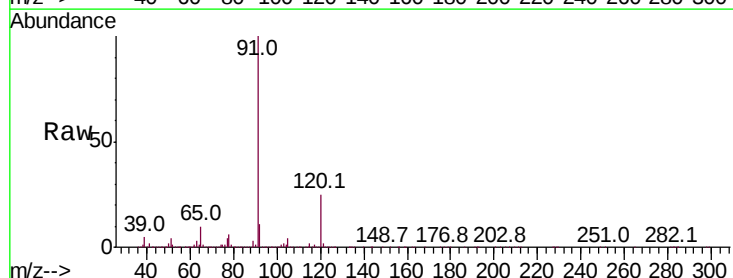
RT: 11.36 min Scan# 1674

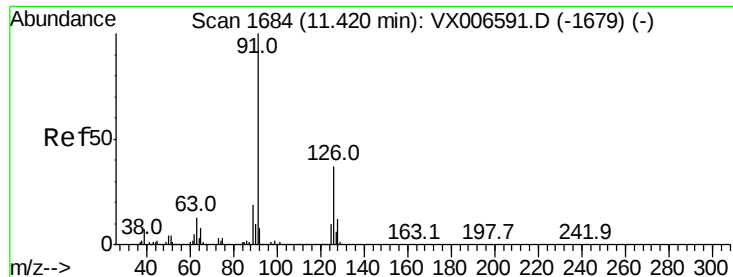
Delta R.T. -0.00 min

Lab File: VX006713.D

Acq: 21 Dec 2018 09:07

Tgt Ion	Ratio	Lower	Upper
91	100		
120	25.0	12.7	38.0





#79

2-Chlorotoluene

Concen: 49.361 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX006713.D

Acq: 21 Dec 2018 09:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 989941

Ion Ratio Lower Upper

91 100

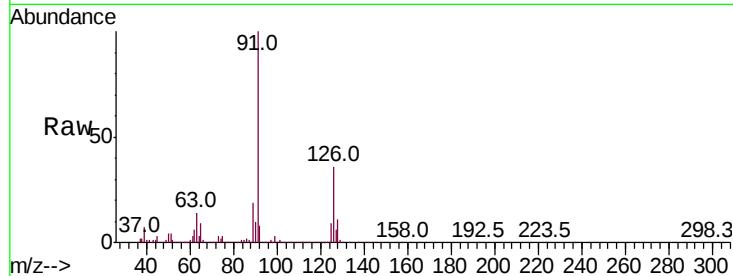
126 37.4 18.6 56.0

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX006591.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX006591.D (-1679) (-)

1500000

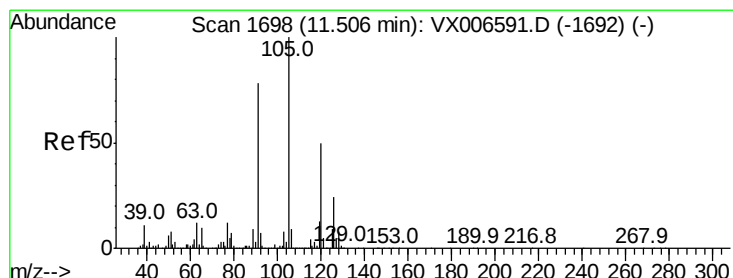
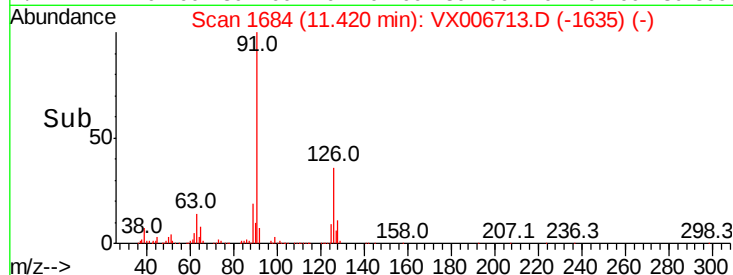
1000000

500000

0

11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 50.833 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX006713.D

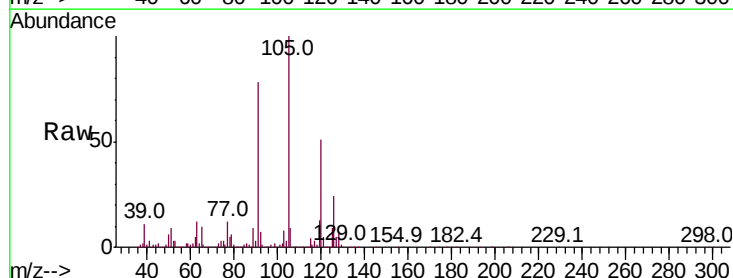
Acq: 21 Dec 2018 09:07

Tgt Ion:105 Resp: 1258286

Ion Ratio Lower Upper

105 100

120 50.3 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): VX006591.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX006591.D (-1692) (-)

1200000

1000000

800000

600000

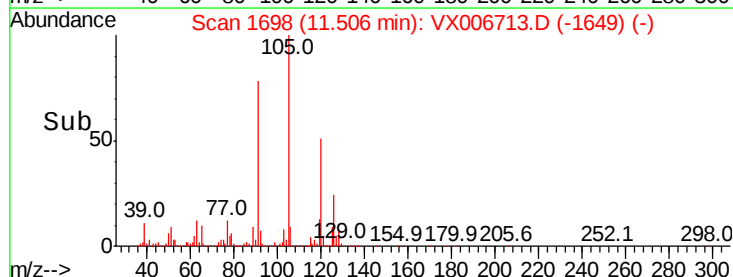
400000

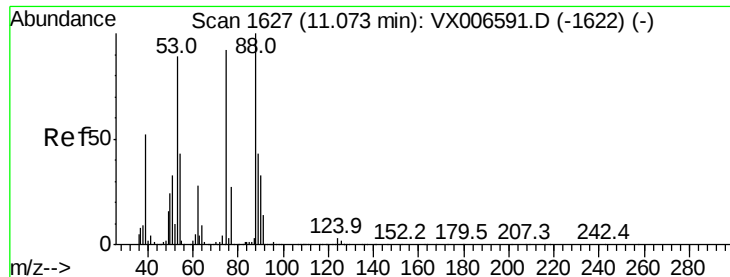
200000

0

11.50 11.60

Time-->





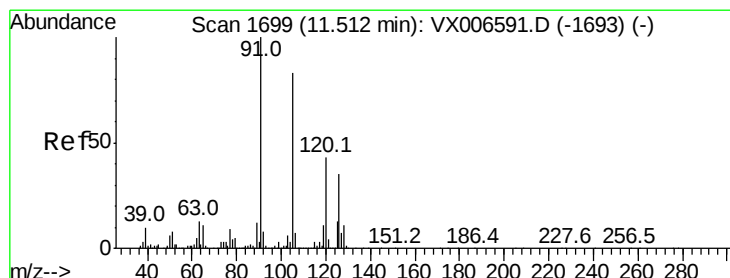
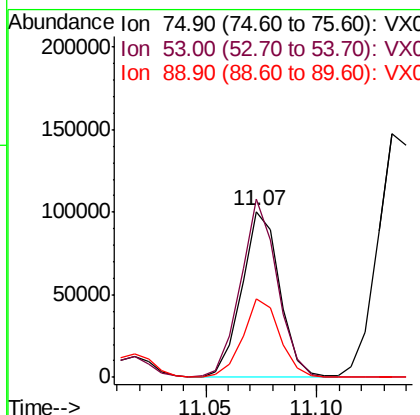
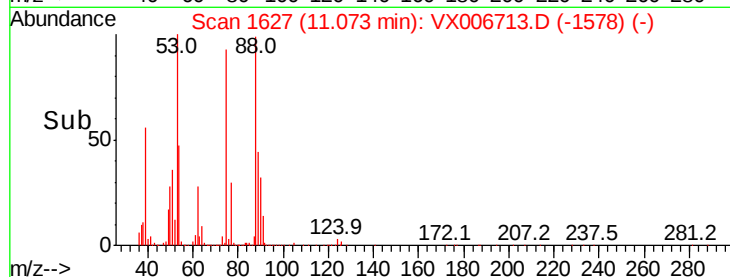
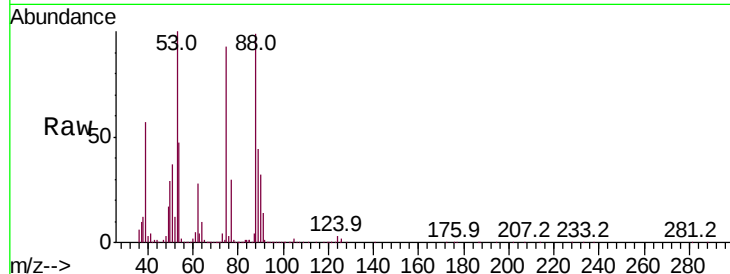
#81
trans-1,4-Dichloro-2-butene
Concen: 44.996 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX006713.D
Acq: 21 Dec 2018 09:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	103.6	79.7	119.5
89	46.2	38.0	57.0

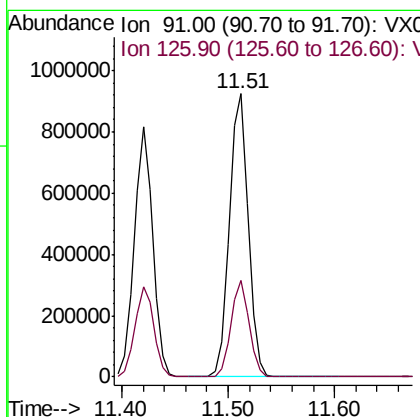
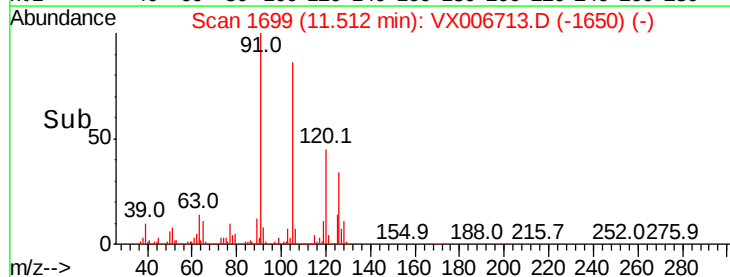
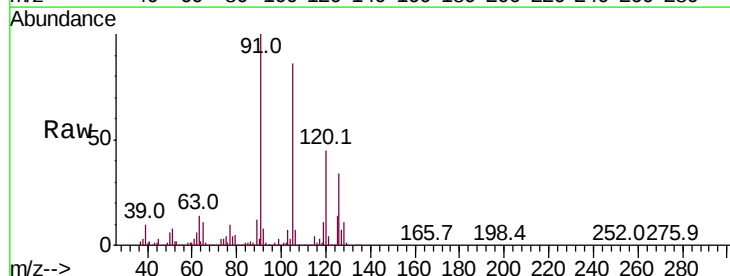
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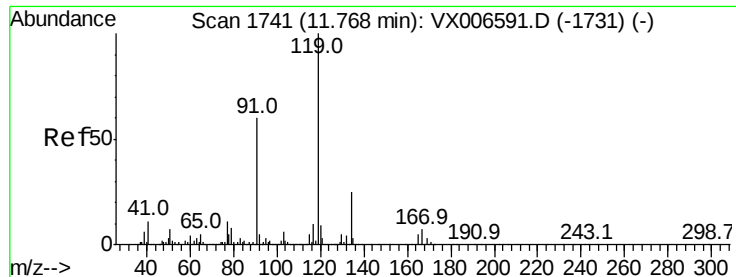
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#82
4-Chlorotoluene
Concen: 49.917 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX006713.D
Acq: 21 Dec 2018 09:07

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.8	16.3	48.9





#83

tert-Butylbenzene

Concen: 51.648 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX006713.D

Acq: 21 Dec 2018 09:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:119 Resp: 1279544

Ion Ratio Lower Upper

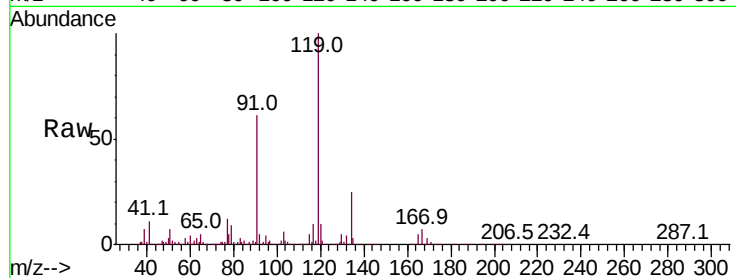
119 100

91 54.6 27.7 83.1

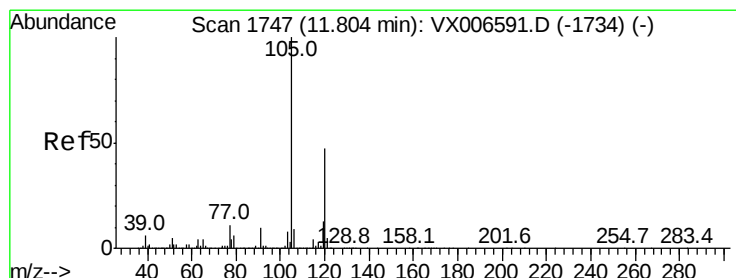
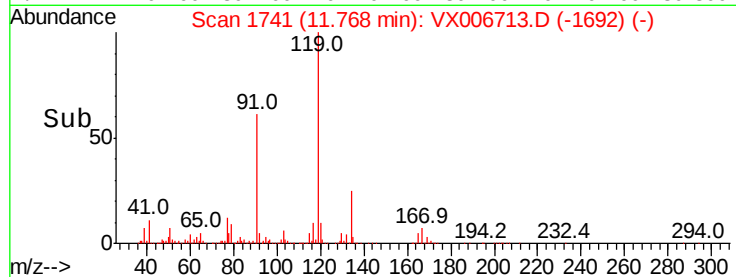
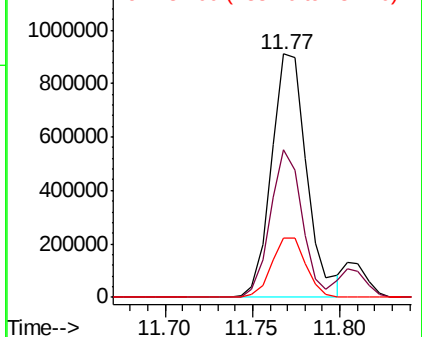
134 23.9 11.9 35.5

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Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX0
Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 49.411 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX006713.D

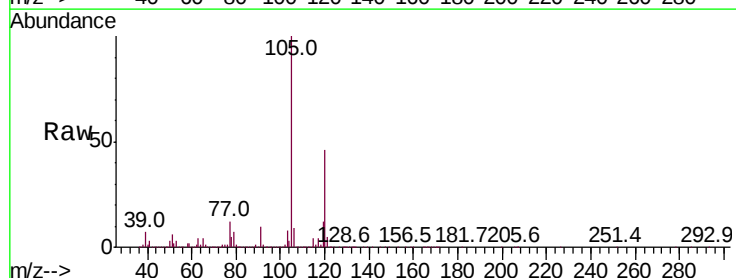
Acq: 21 Dec 2018 09:07

Tgt Ion:105 Resp: 1286486

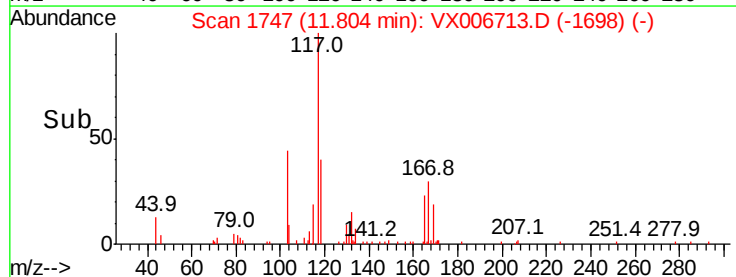
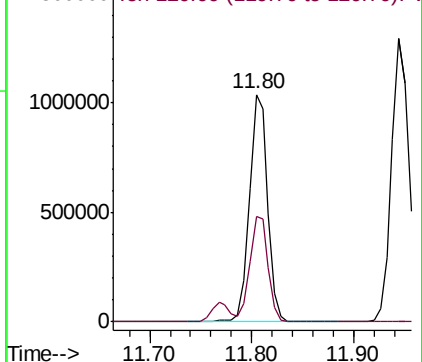
Ion Ratio Lower Upper

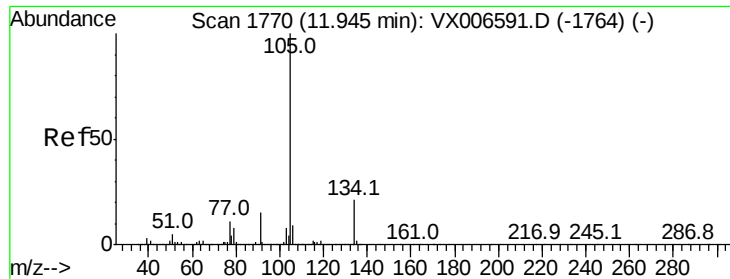
105 100

120 46.5 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 51.005 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX006713.D

Acq: 21 Dec 2018 09:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1549260

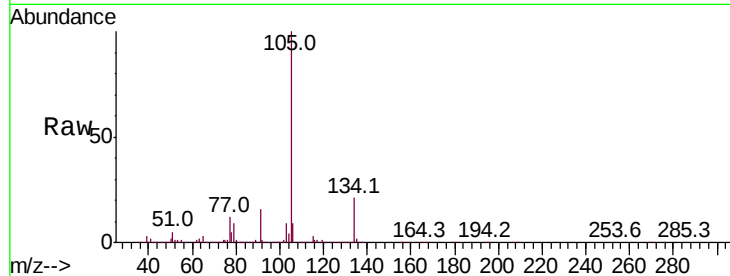
Ion Ratio Lower Upper

105 100

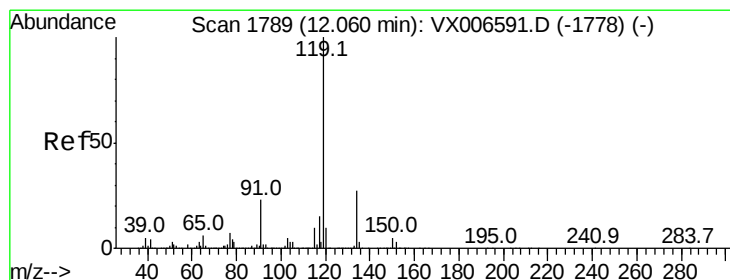
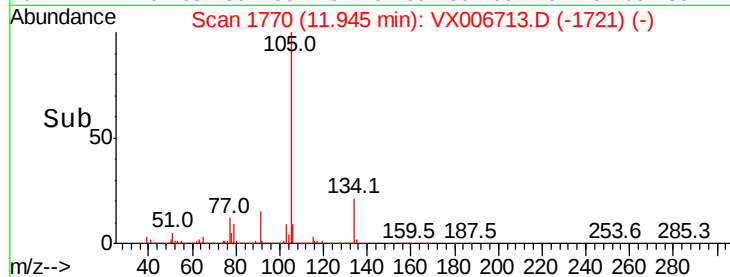
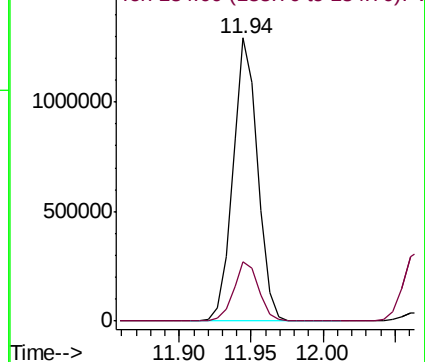
134 21.4 10.7 31.9

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Abundance Ion 105.00 (104.70 to 105.70): V
Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.509 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.01 min

Lab File: VX006713.D

Acq: 21 Dec 2018 09:07

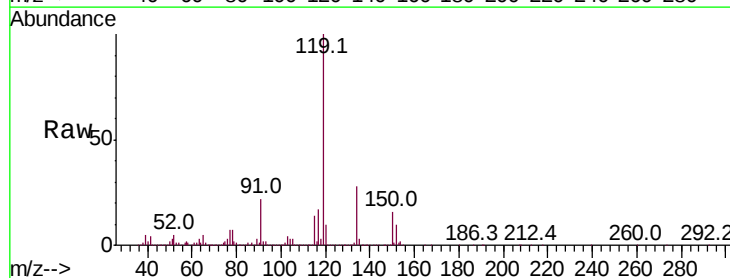
Tgt Ion:119 Resp: 1402019

Ion Ratio Lower Upper

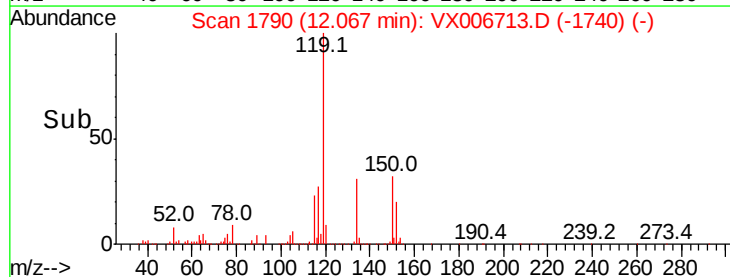
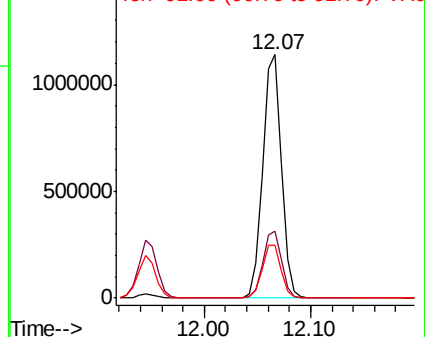
119 100

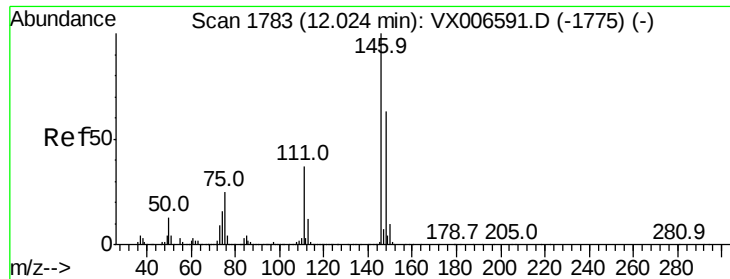
134 27.5 14.0 41.9

91 22.1 11.3 33.9



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





#87

1,3-Dichlorobenzene

Concen: 49.987 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX006713.D

Acq: 21 Dec 2018 09:07

Instrument :

MSVOA_X

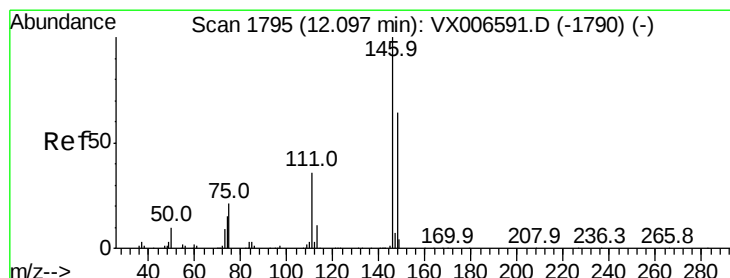
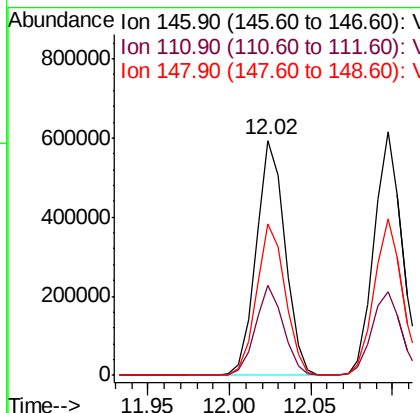
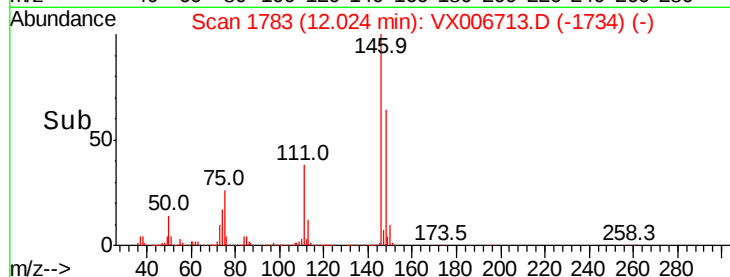
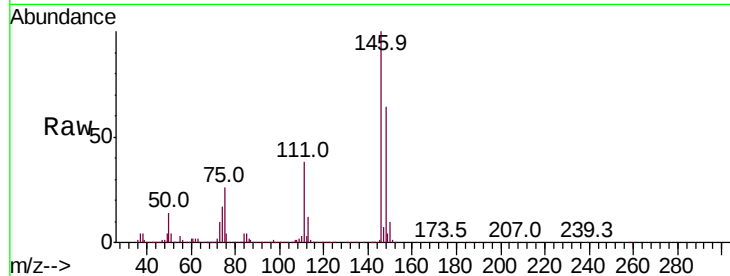
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	731959
Ion Ratio	Lower	Upper	
146	100		
111	37.2	18.6	55.8
148	64.1	31.8	95.3

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#88

1,4-Dichlorobenzene

Concen: 48.628 ug/l

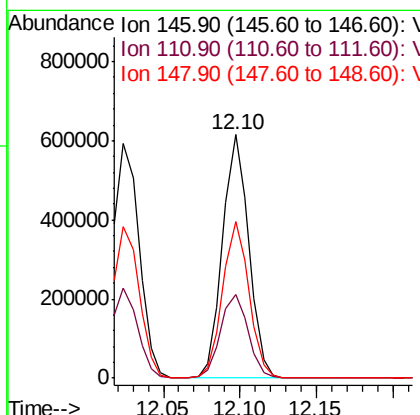
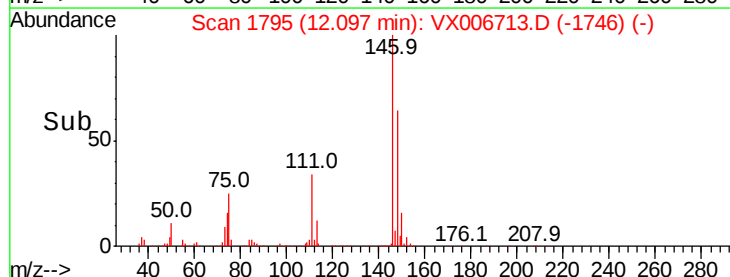
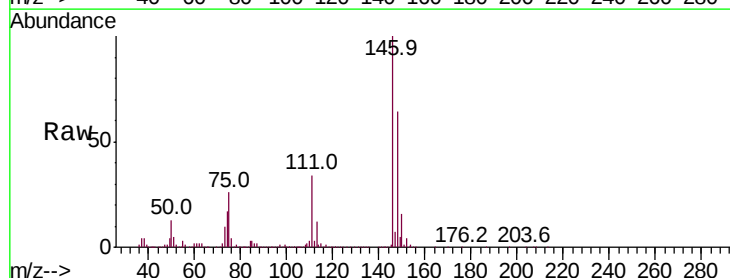
RT: 12.10 min Scan# 1795

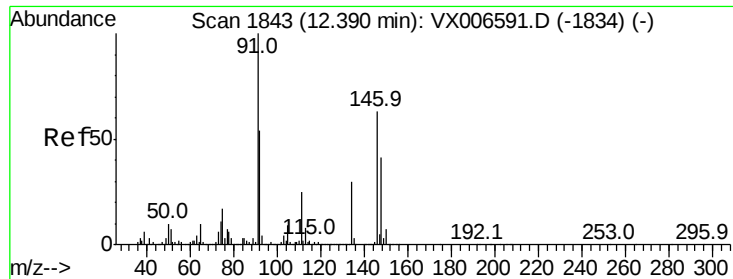
Delta R.T. -0.00 min

Lab File: VX006713.D

Acq: 21 Dec 2018 09:07

Tgt Ion:	146	Resp:	729965
Ion Ratio	Lower	Upper	
146	100		
111	36.2	18.1	54.1
148	64.8	31.9	95.9





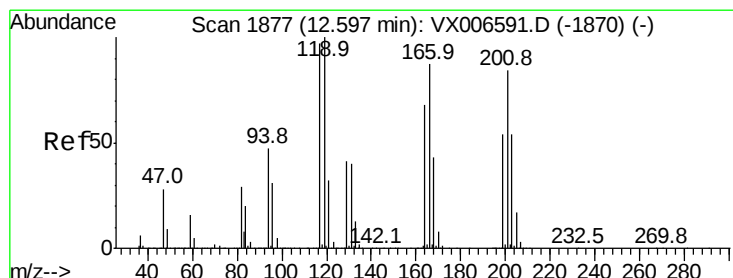
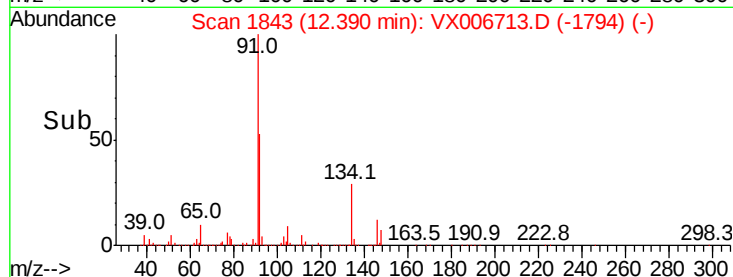
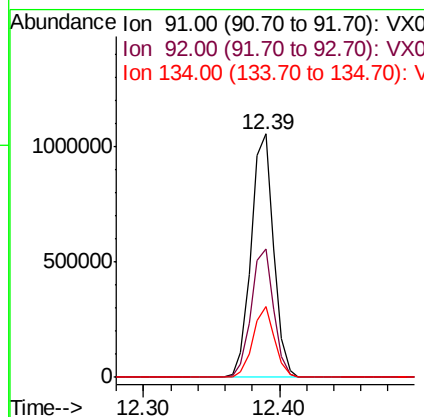
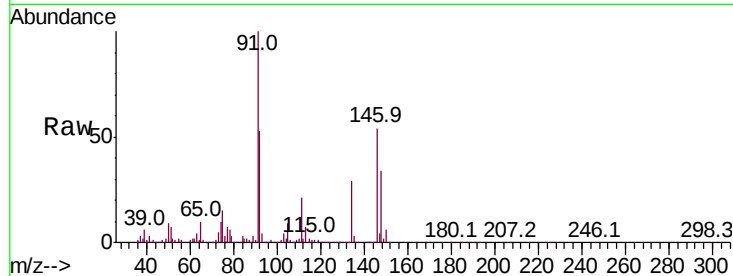
#89
n-Butylbenzene
Concen: 53.802 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX006713.D
Acq: 21 Dec 2018 09:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.0	26.8	80.4
134	28.2	14.4	43.2

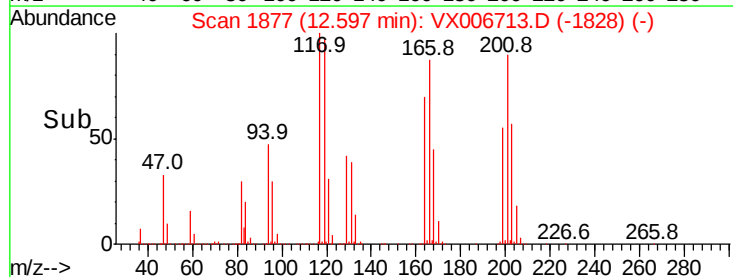
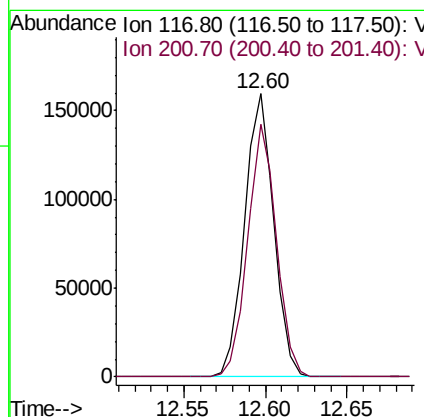
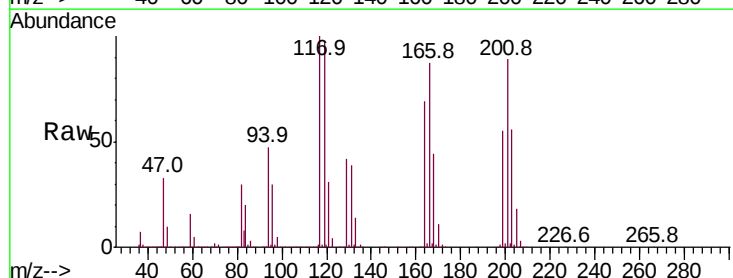
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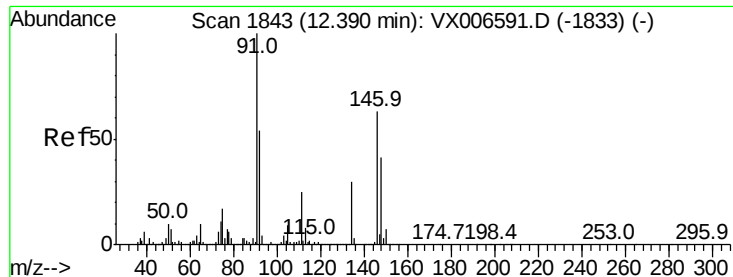
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#90
Hexachloroethane
Concen: 47.756 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006713.D
Acq: 21 Dec 2018 09:07

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.0	42.9	128.7





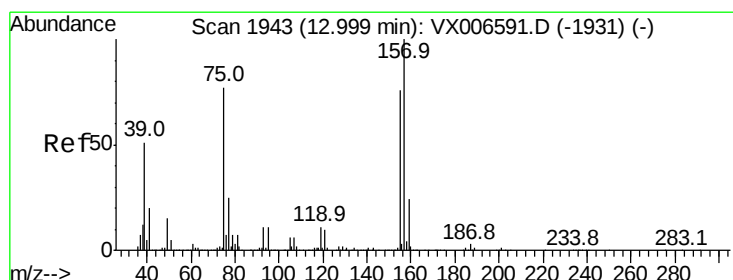
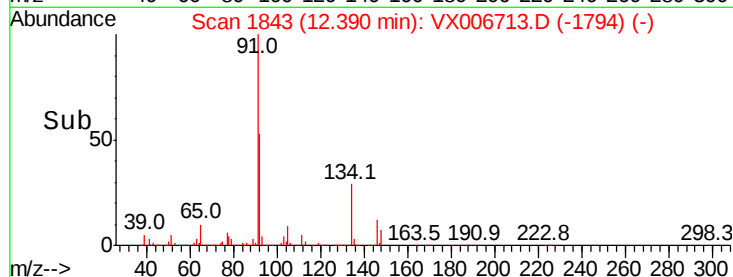
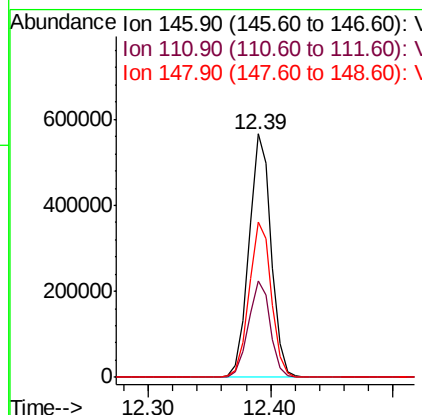
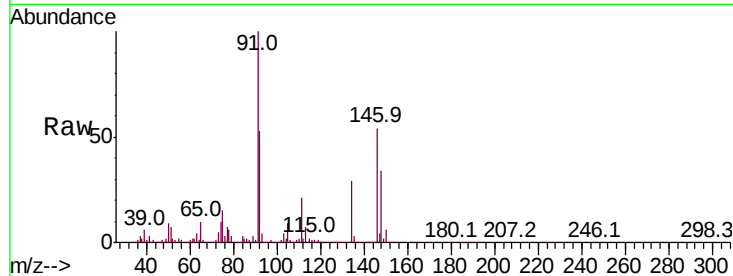
#91
 1,2-Dichlorobenzene
 Concen: 48.428 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX006713.D
 Acq: 21 Dec 2018 09:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.4	58.2
148	64.1	32.3	96.9

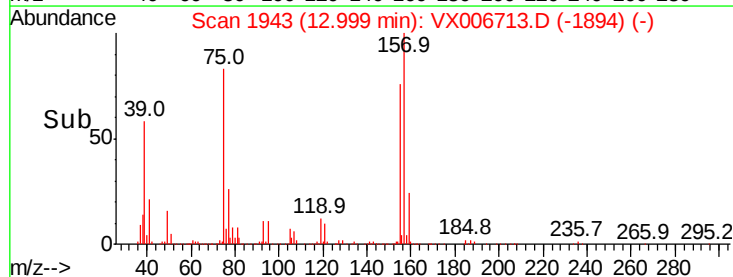
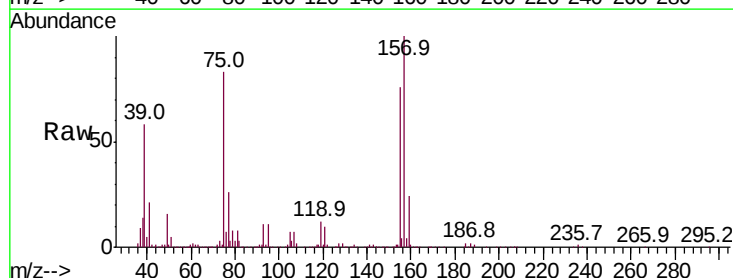
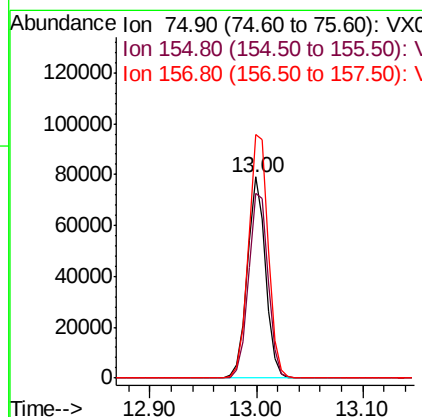
Manual Integrations
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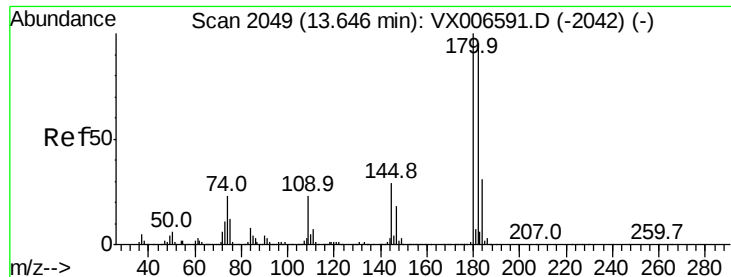
MMDadoda
 12/22/2018 11:20:53 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.474 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX006713.D
 Acq: 21 Dec 2018 09:07

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.4	50.6	151.8
157	130.4	64.6	193.8





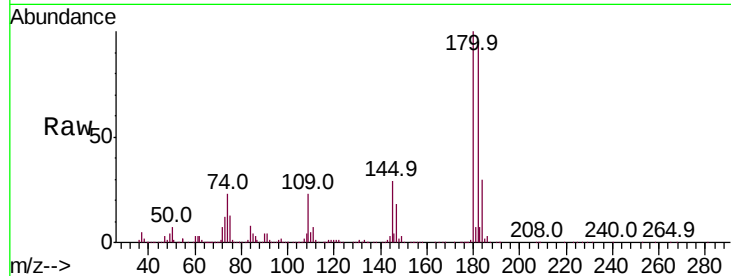
#93
 1,2,4-Trichlorobenzene
 Concen: 51.794 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX006713.D
 Acq: 21 Dec 2018 09:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

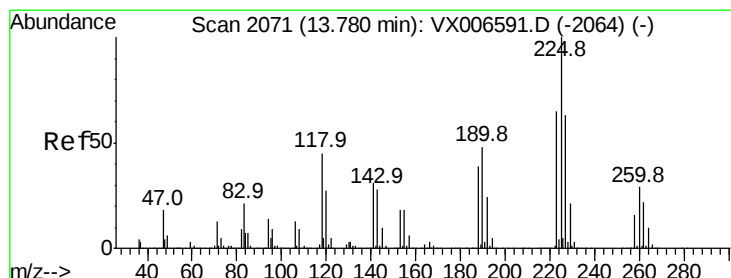
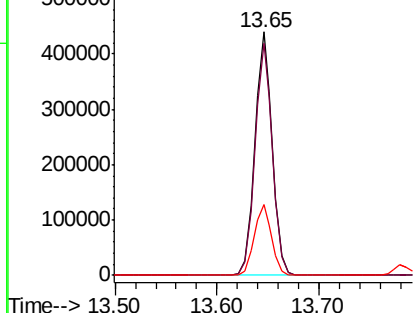
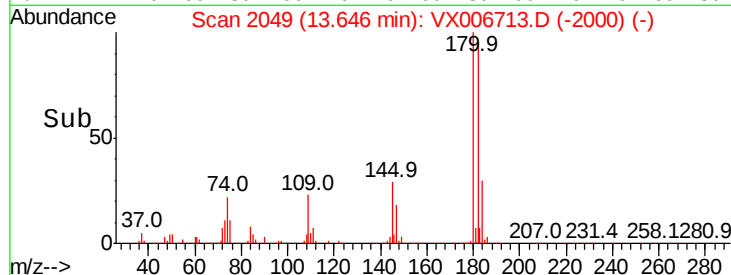
Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.9	47.3	142.0	
145	29.2	14.8	44.3	

Manual Integrations
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 12/22/2018 11:20:53 AM

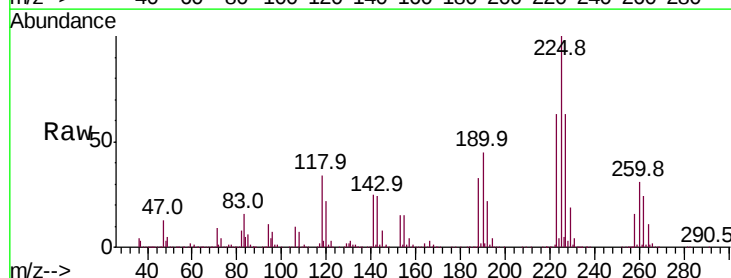


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

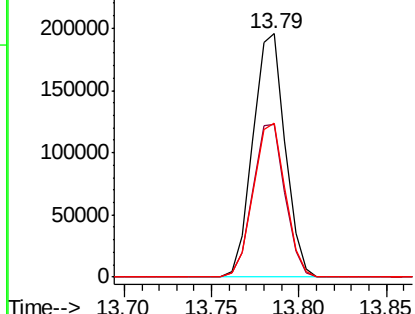
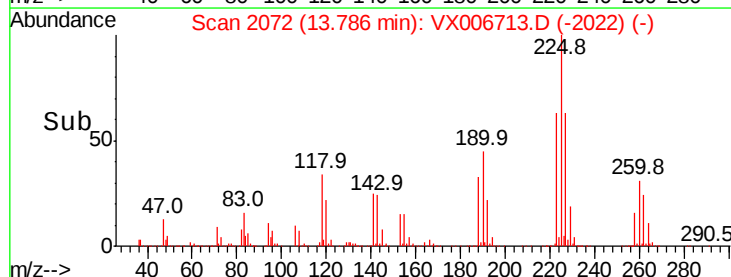


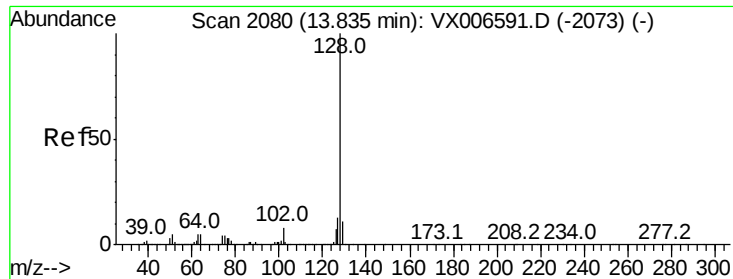
#94
 Hexachlorobutadiene
 Concen: 52.557 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.01 min
 Lab File: VX006713.D
 Acq: 21 Dec 2018 09:07

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.8	32.1	96.3	
227	63.2	32.3	96.8	



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





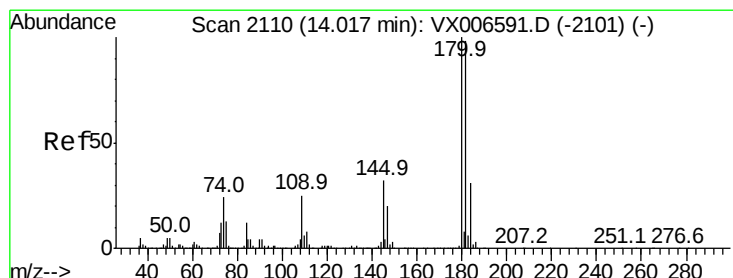
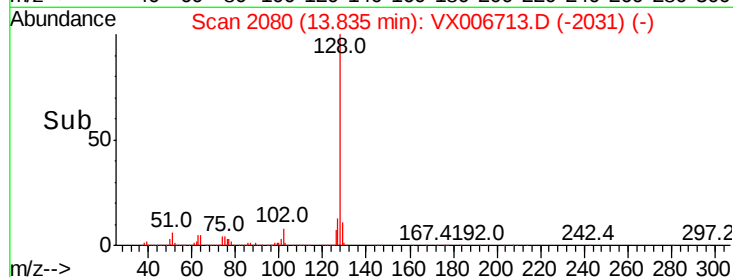
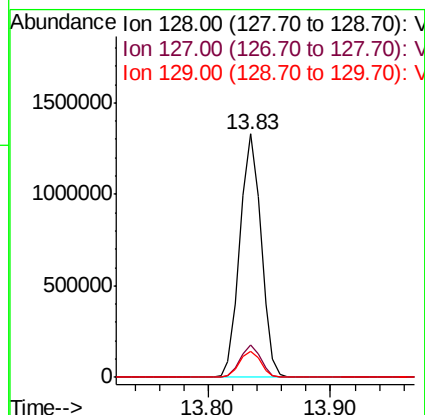
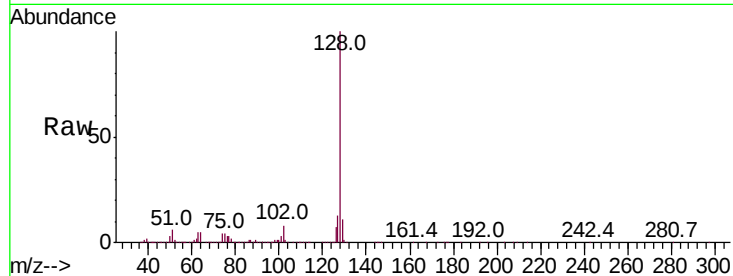
#95
Naphthalene
Concen: 49.197 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX006713.D
Acq: 21 Dec 2018 09:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.1	15.1
129	10.9	8.6	13.0

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 49.687 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX006713.D
Acq: 21 Dec 2018 09:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	48.5	145.5
145	30.8	16.0	47.9

