

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051322\
 Data File : VD073006.D
 Acq On : 13 May 2022 23:09
 Operator : VA/SY
 Sample : N2816-03MSD
 Misc : 5.26G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P007-SS002-1824-01MSD

Quant Time: May 16 05:17:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.973	168	311156	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	510729	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	472480	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	228920	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	177073	43.840	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.680%
35) Dibromofluoromethane	7.908	113	186620	52.028	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.060%
50) Toluene-d8	10.332	98	676735	52.596	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.200%
62) 4-Bromofluorobenzene	12.620	95	245940	51.263	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.520%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	178557	41.527	ug/l	95
3) Chloromethane	2.209	50	169825	37.978	ug/l	96
4) Vinyl Chloride	2.344	62	168050	41.882	ug/l	98
5) Bromomethane	2.762	94	109360	44.128	ug/l	92
6) Chloroethane	2.914	64	103429	41.359	ug/l	97
7) Trichlorofluoromethane	3.267	101	324035	46.119	ug/l	98
8) Diethyl Ether	3.714	74	86060	42.724	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.091	101	192114	46.056	ug/l	97
10) Methyl Iodide	4.303	142	177539	42.410	ug/l	99
11) Tert butyl alcohol	5.220	59	71411	204.346	ug/l #	93
12) 1,1-Dichloroethene	4.067	96	174161	46.419	ug/l	86
13) Acrolein	3.914	56	11326	31.945	ug/l	99
14) Allyl chloride	4.708	41	280058	46.234	ug/l	92
15) Acrylonitrile	5.414	53	187668	196.039	ug/l	97
16) Acetone	4.150	43	174845	230.173	ug/l	94
17) Carbon Disulfide	4.409	76	478791	40.585	ug/l	100
18) Methyl Acetate	4.720	43	116791	53.154	ug/l	93
19) Methyl tert-butyl Ether	5.479	73	401192	44.604	ug/l	98
20) Methylene Chloride	4.961	84	225808	46.270	ug/l	87
21) trans-1,2-Dichloroethene	5.467	96	200129	46.509	ug/l	84
22) Diisopropyl ether	6.361	45	620845	46.592	ug/l	92
23) Vinyl Acetate	6.303	43	881856	119.801	ug/l #	95
24) 1,1-Dichloroethane	6.261	63	369754	46.186	ug/l	98
25) 2-Butanone	7.208	43	239635	203.624	ug/l	95
26) 2,2-Dichloropropane	7.202	77	290222	42.881	ug/l	97
27) cis-1,2-Dichloroethene	7.208	96	230001	46.669	ug/l	91
28) Bromochloromethane	7.538	49	143953	48.218	ug/l #	82
29) Tetrahydrofuran	7.555	42	147271	196.327	ug/l	92
30) Chloroform	7.702	83	385934	45.559	ug/l	99
31) Cyclohexane	7.979	56	302665	42.867	ug/l	90
32) 1,1,1-Trichloroethane	7.897	97	344956	47.780	ug/l	96
36) 1,1-Dichloropropene	8.108	75	287116	49.228	ug/l	98
37) Ethyl Acetate	7.291	43	95187	35.502	ug/l #	93
38) Carbon Tetrachloride	8.091	117	296683	49.003	ug/l	99
39) Methylcyclohexane	9.349	83	309624	45.767	ug/l	96
40) Benzene	8.344	78	818071	48.570	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	63112	39.532	ug/l #	91
42) 1,2-Dichloroethane	8.420	62	224429	44.217	ug/l	97
43) Isopropyl Acetate	8.444	43	195984	39.603	ug/l #	92
44) Trichloroethene	9.108	130	215593	47.845	ug/l	93
45) 1,2-Dichloropropane	9.379	63	211393	47.791	ug/l	100
46) Dibromomethane	9.473	93	107443	44.034	ug/l	96
47) Bromodichloromethane	9.655	83	293959	46.832	ug/l	98
48) Methyl methacrylate	9.449	41	109813	45.359	ug/l	90
49) 1,4-Dioxane	9.449	88	23258	846.475	ug/l	98
51) 4-Methyl-2-Pentanone	10.220	43	545229	212.027	ug/l	95
52) Toluene	10.396	92	525083	49.976	ug/l	96
53) t-1,3-Dichloropropene	10.614	75	254303	44.108	ug/l	95
54) cis-1,3-Dichloropropene	10.085	75	310143	46.301	ug/l #	88
55) 1,1,2-Trichloroethane	10.791	97	148399	44.990	ug/l	99
56) Ethyl methacrylate	10.655	69	163040	41.981	ug/l #	88
57) 1,3-Dichloropropane	10.938	76	256419	45.300	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	451107	239.573	ug/l	97
59) 2-Hexanone	10.973	43	374863	216.643	ug/l	96
60) Dibromochloromethane	11.132	129	190703	45.927	ug/l	98
61) 1,2-Dibromoethane	11.238	107	139795	43.542	ug/l	98
64) Tetrachloroethene	10.867	164	199617	57.786	ug/l	97
65) Chlorobenzene	11.661	112	548835	50.222	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.732	131	210935	51.360	ug/l	97
67) Ethyl Benzene	11.738	91	988668	52.276	ug/l	99
68) m/p-Xylenes	11.843	106	772779	106.076	ug/l	98
69) o-Xylene	12.173	106	365554	53.728	ug/l	95
70) Styrene	12.185	104	624156	52.947	ug/l	97
71) Bromoform	12.349	173	102807	46.188	ug/l #	97
73) Isopropylbenzene	12.467	105	957504	53.760	ug/l	100
74) N-amyl acetate	12.279	43	169144	38.135	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.720	83	160657	44.685	ug/l	99
76) 1,2,3-Trichloropropane	12.767	75	202284	79.246	ug/l #	100
77) Bromobenzene	12.749	156	211738	50.064	ug/l	93
78) n-propylbenzene	12.808	91	1175334	52.359	ug/l	99
79) 2-Chlorotoluene	12.896	91	669272	51.040	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	804763	53.288	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	47910	43.161	ug/l	92
82) 4-Chlorotoluene	12.990	91	702119	51.247	ug/l	100
83) tert-Butylbenzene	13.208	119	693208	53.990	ug/l	96
84) 1,2,4-Trimethylbenzene	13.255	105	788889	52.259	ug/l	99
85) sec-Butylbenzene	13.385	105	1007595	52.032	ug/l	99
86) p-Isopropyltoluene	13.502	119	834501	52.560	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	421139	49.429	ug/l	100
88) 1,4-Dichlorobenzene	13.579	146	415891	49.017	ug/l	99
89) n-Butylbenzene	13.826	91	778935	50.645	ug/l	99
90) Hexachloroethane	14.096	117	166275	51.121	ug/l	97
91) 1,2-Dichlorobenzene	13.873	146	365665	49.245	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.490	75	24243	42.537	ug/l	91
93) 1,2,4-Trichlorobenzene	15.143	180	205626	46.760	ug/l	100
94) Hexachlorobutadiene	15.249	225	98080	40.839	ug/l	98
95) Naphthalene	15.384	128	373613	46.210	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	176839	45.364	ug/l	98

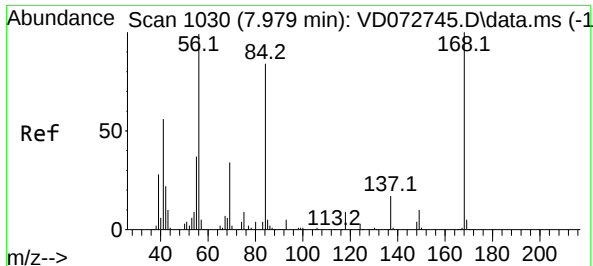
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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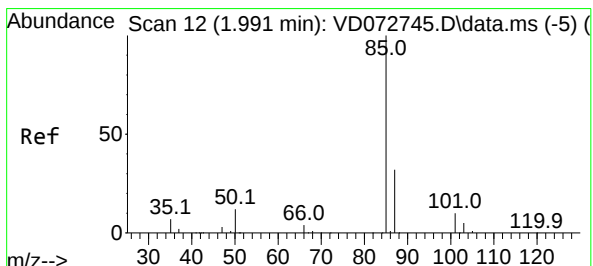
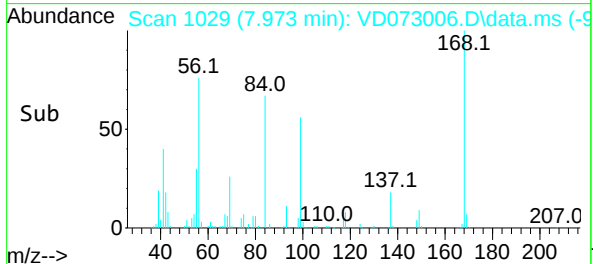
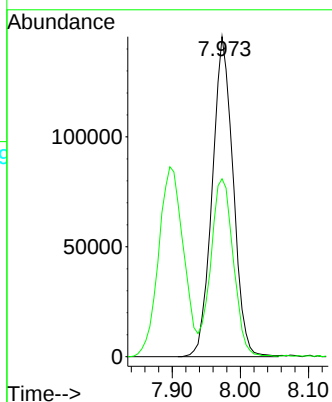
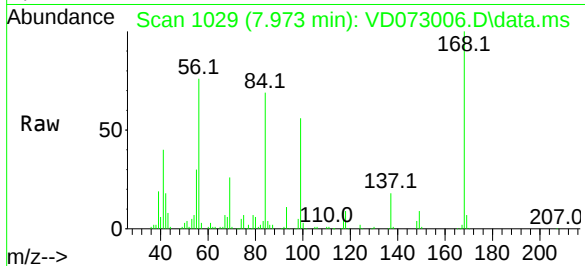
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD073006.D
Acq: 13 May 2022 23:09

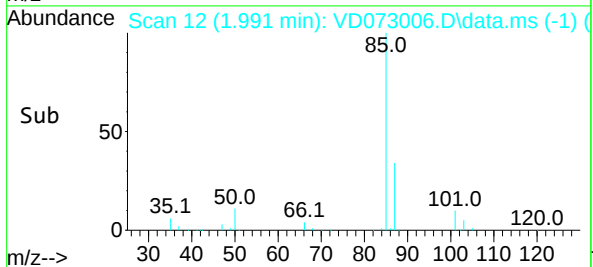
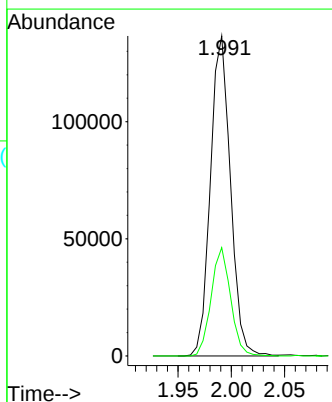
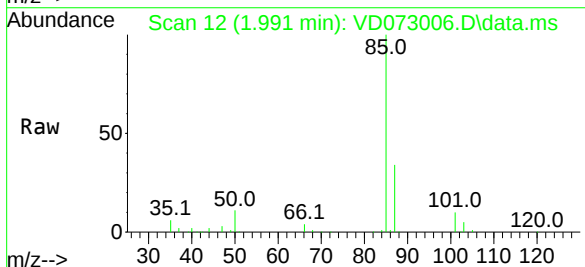
Instrument :
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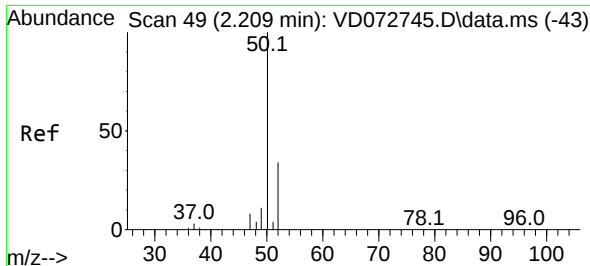
Tgt Ion:168 Resp: 311156
Ion Ratio Lower Upper
168 100
99 55.4 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 41.527 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD073006.D
Acq: 13 May 2022 23:09

Tgt Ion: 85 Resp: 178557
Ion Ratio Lower Upper
85 100
87 33.8 15.7 47.0

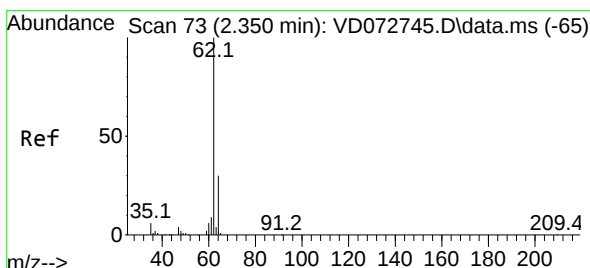
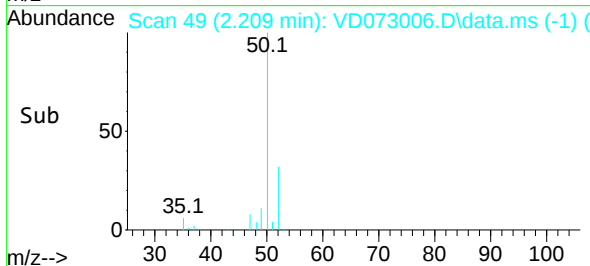
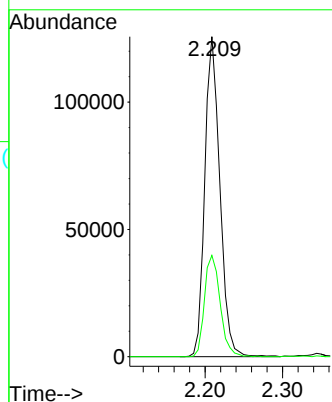
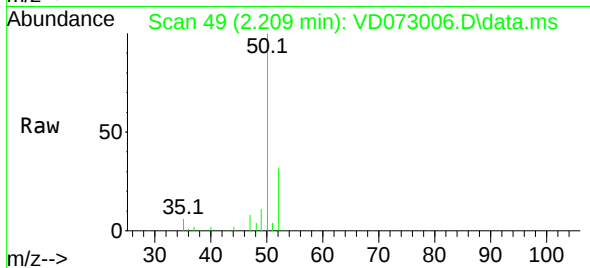




#3
Chloromethane
Concen: 37.978 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD073006.D
Acq: 13 May 2022 23:09

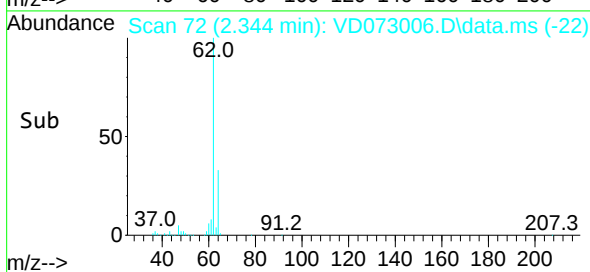
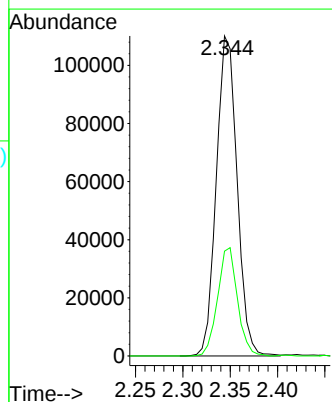
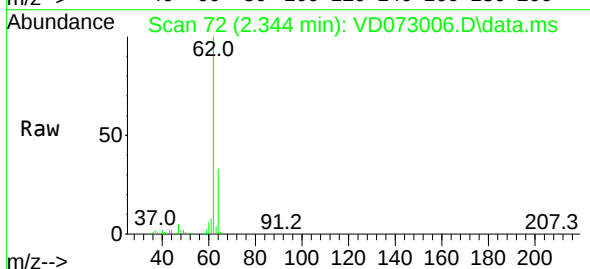
Instrument :
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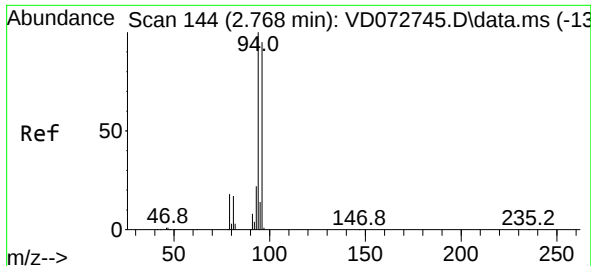
Tgt Ion: 50 Resp: 169825
Ion Ratio Lower Upper
50 100
52 31.7 27.4 41.0



#4
Vinyl Chloride
Concen: 41.882 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.006 min
Lab File: VD073006.D
Acq: 13 May 2022 23:09

Tgt Ion: 62 Resp: 168050
Ion Ratio Lower Upper
62 100
64 32.7 25.4 38.0

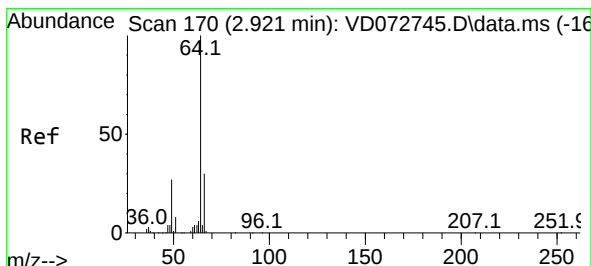
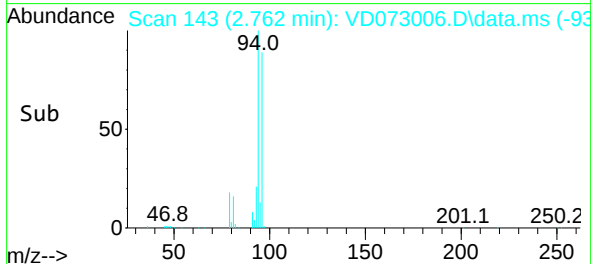
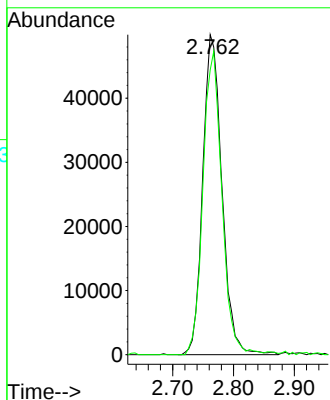
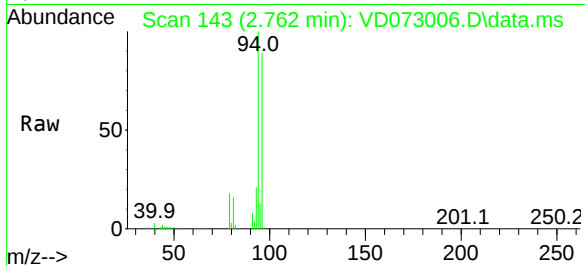




#5
Bromomethane
Concen: 44.128 ug/l
RT: 2.762 min Scan# 144
Delta R.T. -0.006 min
Lab File: VD073006.D
Acq: 13 May 2022 23:09

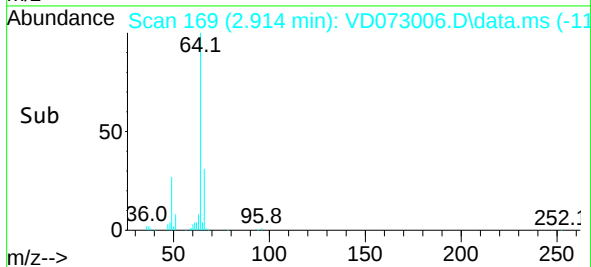
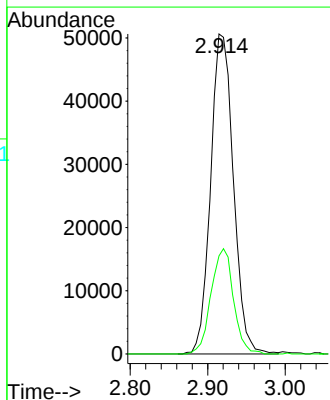
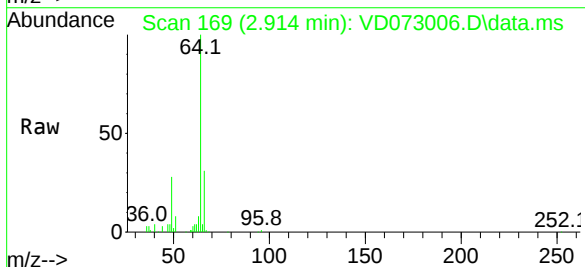
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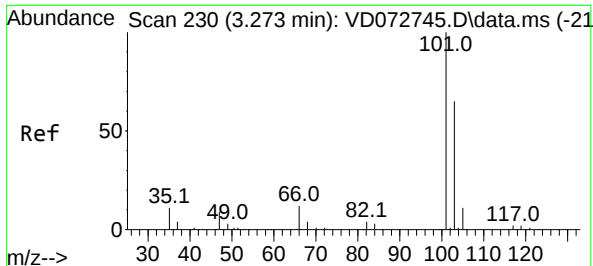
Tgt Ion: 94 Resp: 109360
Ion Ratio Lower Upper
94 100
96 88.9 77.6 116.4



#6
Chloroethane
Concen: 41.359 ug/l
RT: 2.914 min Scan# 169
Delta R.T. -0.007 min
Lab File: VD073006.D
Acq: 13 May 2022 23:09

Tgt Ion: 64 Resp: 103429
Ion Ratio Lower Upper
64 100
66 30.6 25.9 38.9

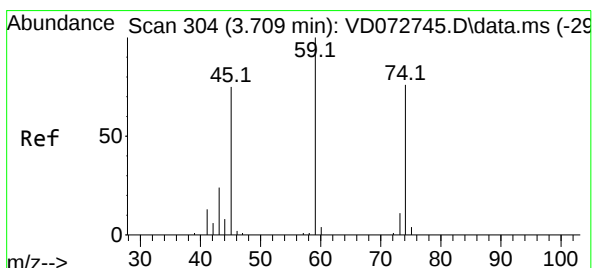
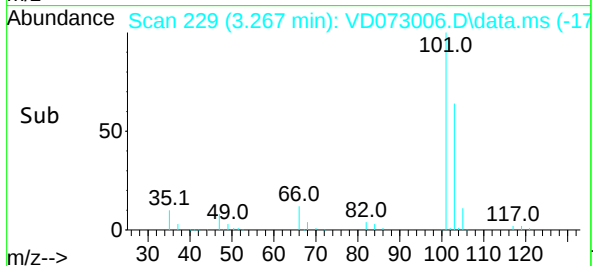
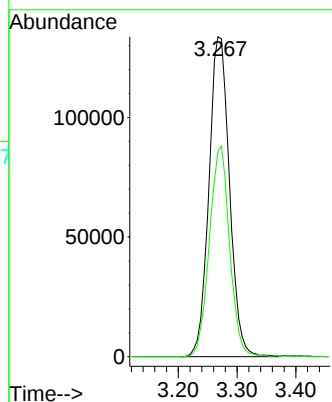
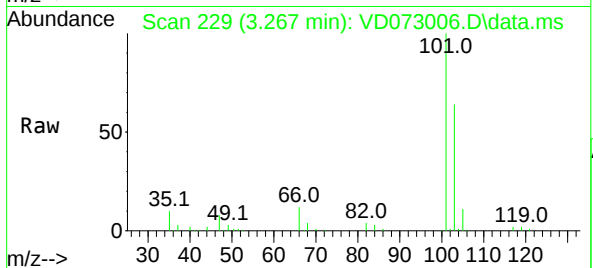




#7
 Trichlorofluoromethane
 Concen: 46.119 ug/l
 RT: 3.267 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VD073006.D
 Acq: 13 May 2022 23:09

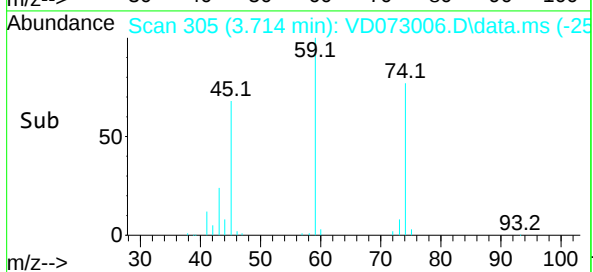
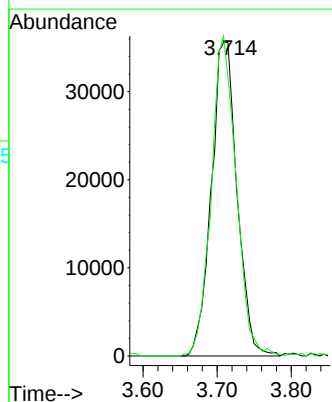
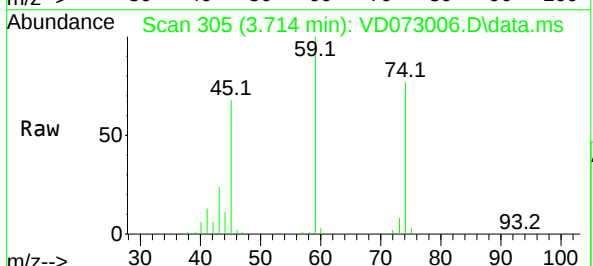
Instrument :
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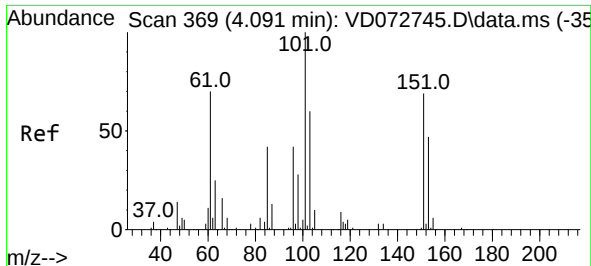
Tgt Ion:101 Resp: 324035
 Ion Ratio Lower Upper
 101 100
 103 64.3 50.1 75.1



#8
 Diethyl Ether
 Concen: 42.724 ug/l
 RT: 3.714 min Scan# 305
 Delta R.T. 0.005 min
 Lab File: VD073006.D
 Acq: 13 May 2022 23:09

Tgt Ion: 74 Resp: 86060
 Ion Ratio Lower Upper
 74 100
 45 98.5 52.6 157.8

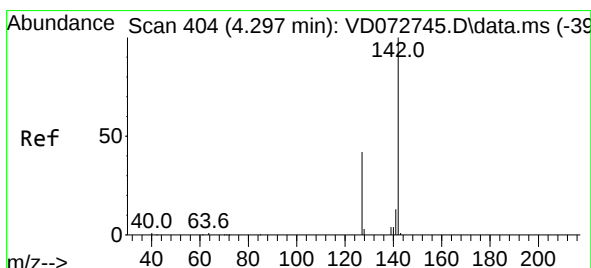
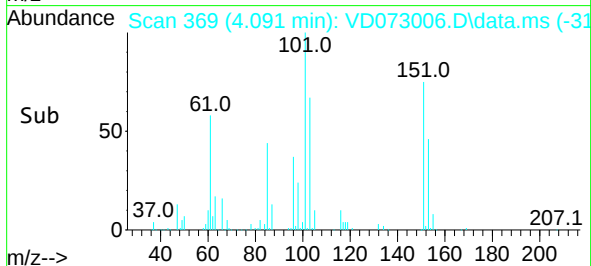
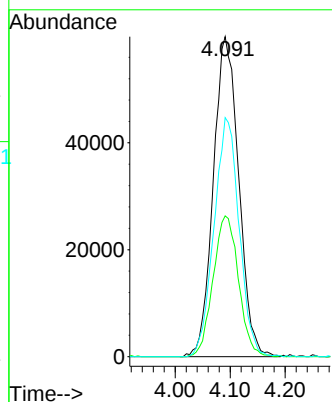
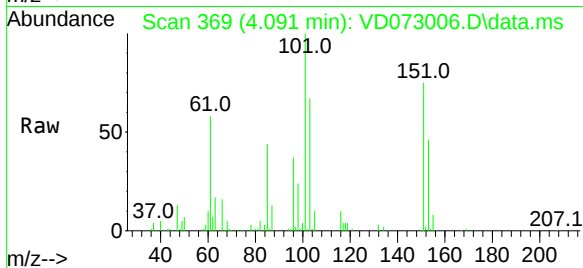




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.056 ug/l
RT: 4.091 min Scan# 301
Delta R.T. -0.000 min
Lab File: VD073006.D
Acq: 13 May 2022 23:09

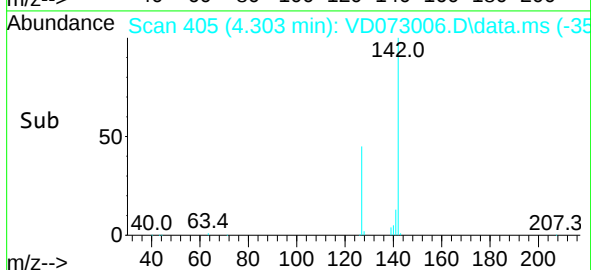
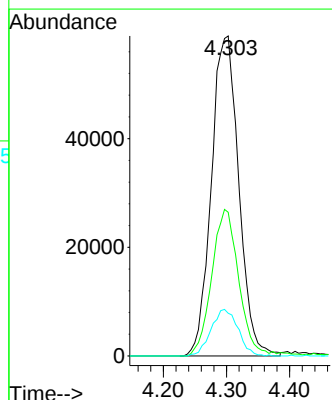
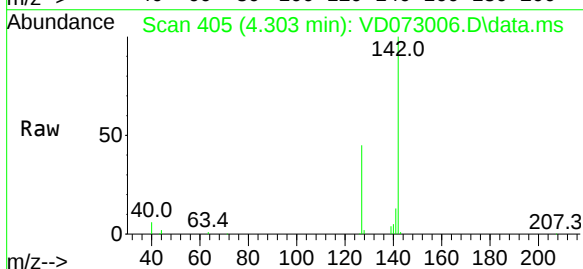
Instrument :
MSVOA_D
ClientSampleId :
P007-SS002-1824-01MSD

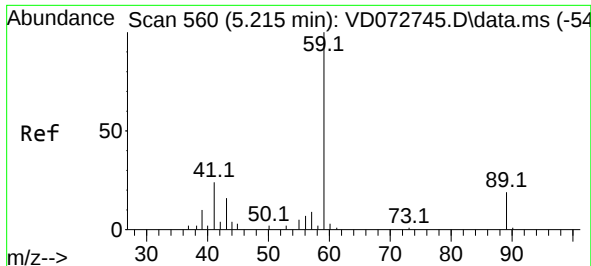
Tgt Ion:101 Resp: 192114
Ion Ratio Lower Upper
101 100
85 44.0 36.4 54.6
151 73.9 57.3 85.9



#10
Methyl Iodide
Concen: 42.410 ug/l
RT: 4.303 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD073006.D
Acq: 13 May 2022 23:09

Tgt Ion:142 Resp: 177539
Ion Ratio Lower Upper
142 100
127 45.6 37.3 55.9
141 14.4 11.7 17.5

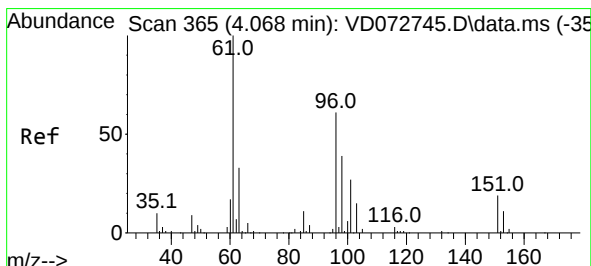
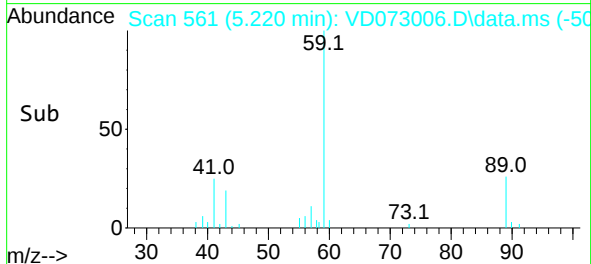
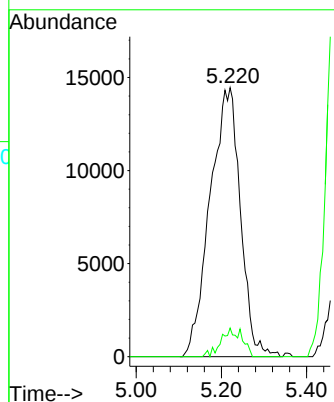
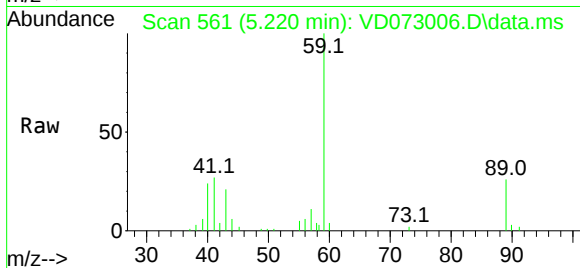




#11
Tert butyl alcohol
Concen: 204.346 ug/l
RT: 5.220 min Scan# 509
Delta R.T. 0.005 min
Lab File: VD073006.D
Acq: 13 May 2022 23:09

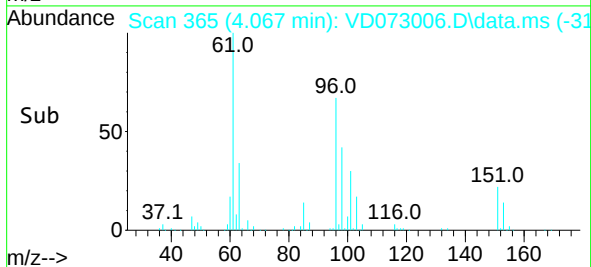
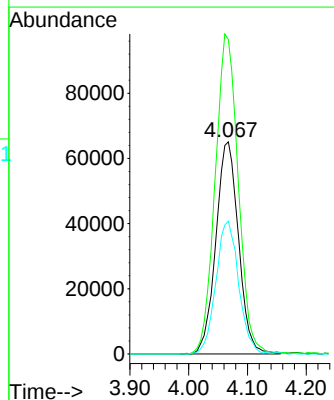
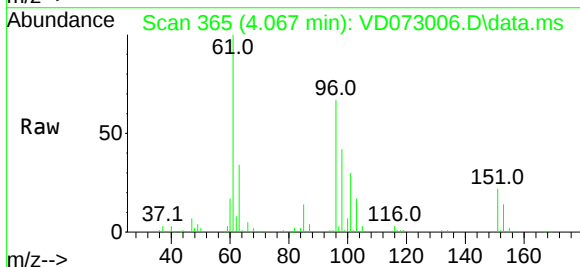
Instrument :
MSVOA_D
ClientSampleId :
P007-SS002-1824-01MSD

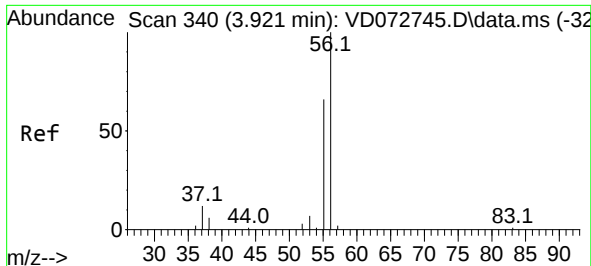
Tgt Ion: 59 Resp: 71411
Ion Ratio Lower Upper
59 100
57 7.0 7.8 11.6#



#12
1,1-Dichloroethene
Concen: 46.419 ug/l
RT: 4.067 min Scan# 365
Delta R.T. -0.001 min
Lab File: VD073006.D
Acq: 13 May 2022 23:09

Tgt Ion: 96 Resp: 174161
Ion Ratio Lower Upper
96 100
61 148.2 138.5 207.7
98 62.6 48.6 73.0





#13

Acrolein

Concen: 31.945 ug/l

RT: 3.914 min Scan# 31

Delta R.T. -0.007 min

Lab File: VD073006.D

Acq: 13 May 2022 23:09

Instrument :

MSVOA_D

ClientSampleId :

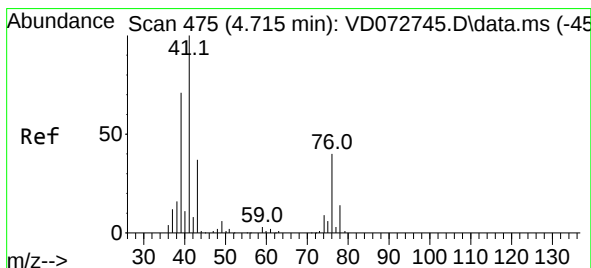
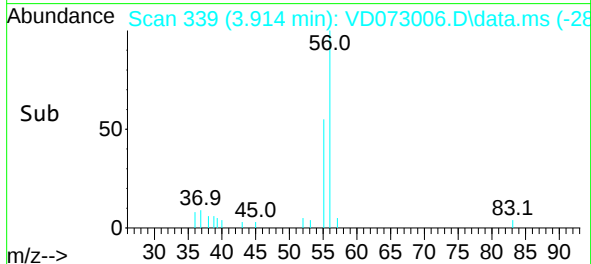
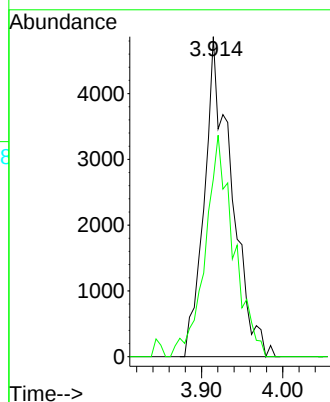
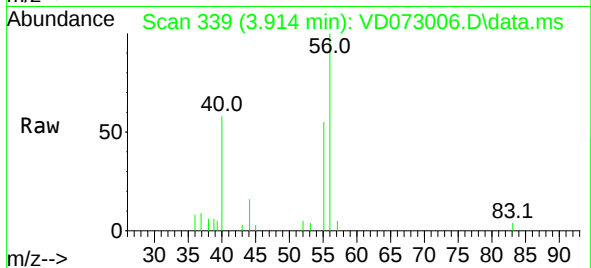
P007-SS002-1824-01MSD

Tgt Ion: 56 Resp: 11326

Ion Ratio Lower Upper

56 100

55 72.2 57.1 85.7



#14

Allyl chloride

Concen: 46.234 ug/l

RT: 4.708 min Scan# 474

Delta R.T. -0.006 min

Lab File: VD073006.D

Acq: 13 May 2022 23:09

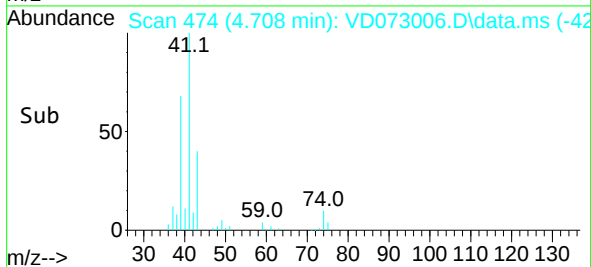
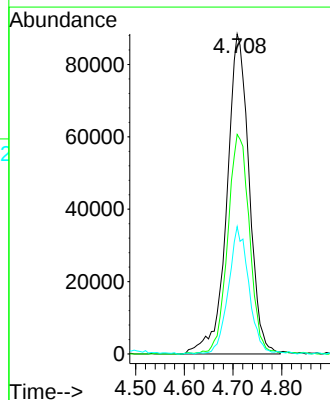
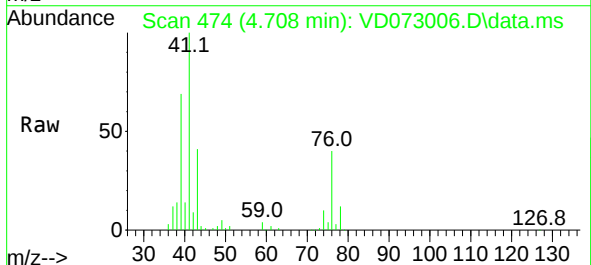
Tgt Ion: 41 Resp: 280058

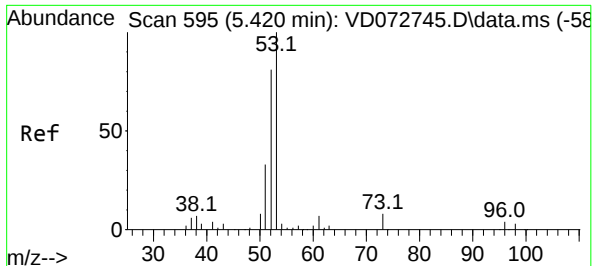
Ion Ratio Lower Upper

41 100

39 66.6 59.3 88.9

76 35.6 25.7 38.5

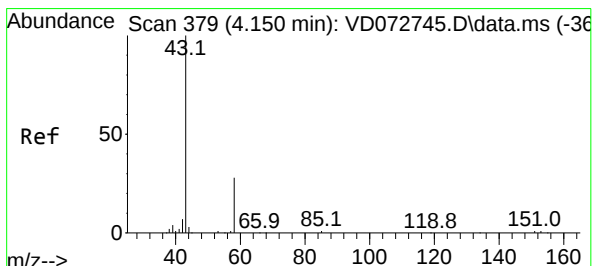
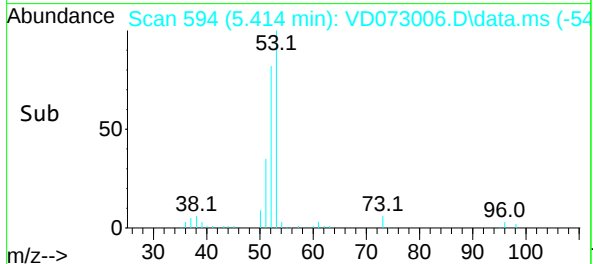
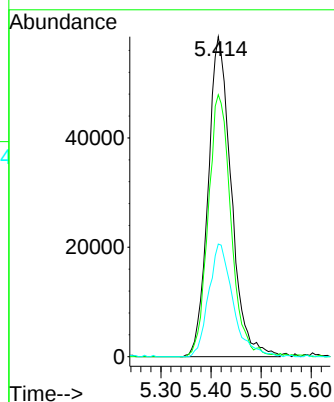
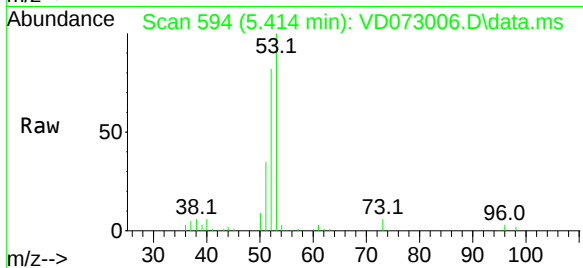




#15
Acrylonitrile
Concen: 196.039 ug/l
RT: 5.414 min Scan# 595
Delta R.T. -0.006 min
Lab File: VD073006.D
Acq: 13 May 2022 23:09

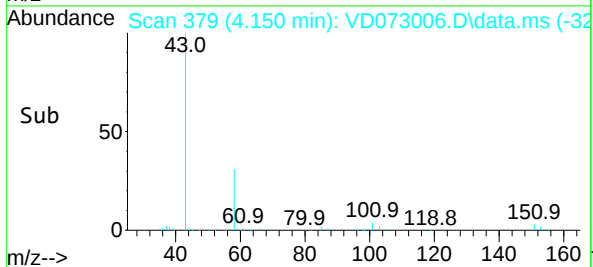
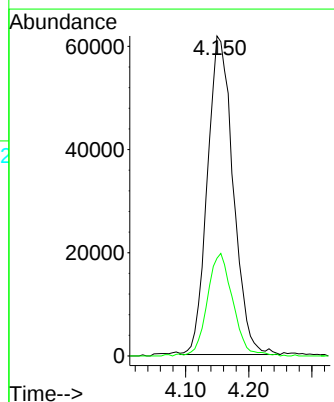
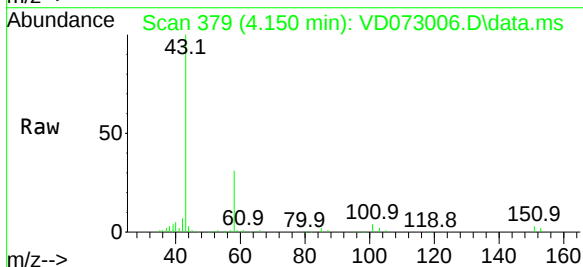
Instrument :
MSVOA_D
ClientSampleId :
P007-SS002-1824-01MSD

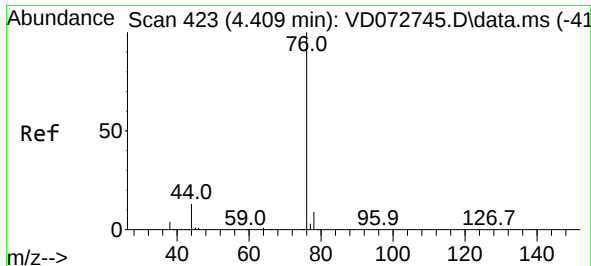
Tgt Ion: 53 Resp: 187668
Ion Ratio Lower Upper
53 100
52 80.6 67.2 100.8
51 37.1 30.3 45.5



#16
Acetone
Concen: 230.173 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.000 min
Lab File: VD073006.D
Acq: 13 May 2022 23:09

Tgt Ion: 43 Resp: 174845
Ion Ratio Lower Upper
43 100
58 30.7 22.1 33.1

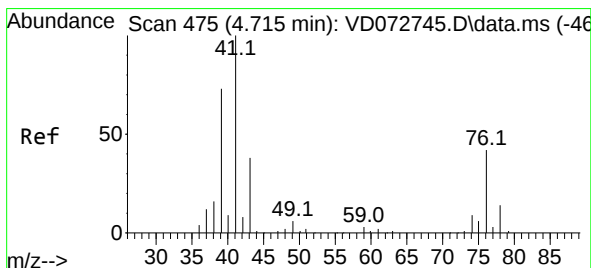
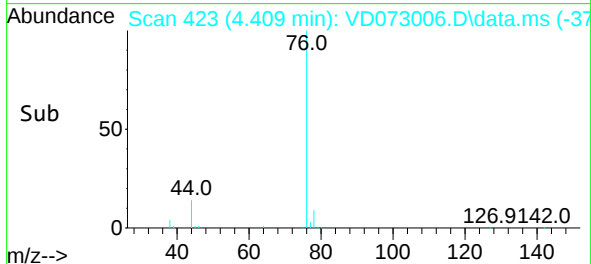
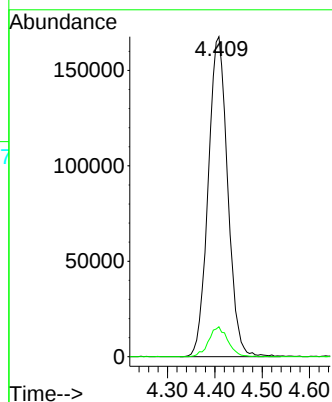
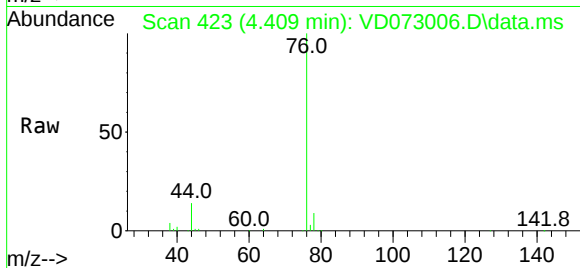




#17
Carbon Disulfide
Concen: 40.585 ug/l
RT: 4.409 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD073006.D
Acq: 13 May 2022 23:09

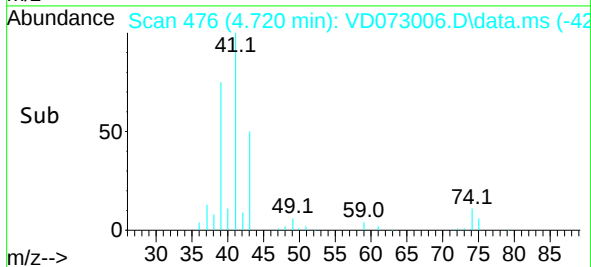
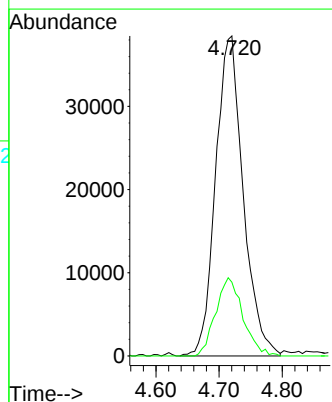
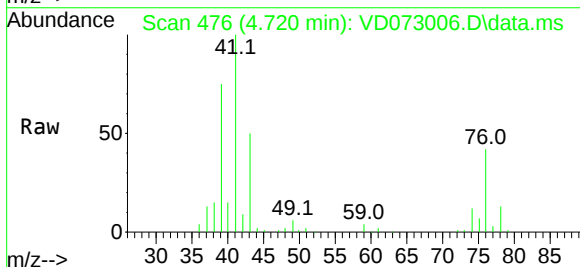
Instrument :
MSVOA_D
ClientSampleId :
P007-SS002-1824-01MSD

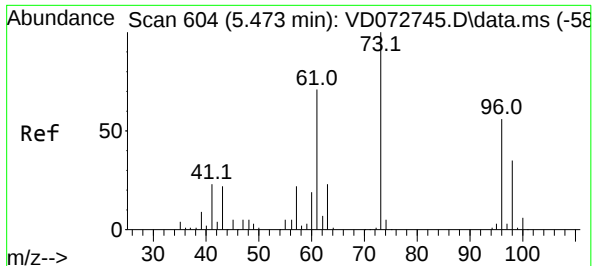
Tgt Ion: 76 Resp: 478791
Ion Ratio Lower Upper
76 100
78 9.3 7.5 11.3



#18
Methyl Acetate
Concen: 53.154 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.005 min
Lab File: VD073006.D
Acq: 13 May 2022 23:09

Tgt Ion: 43 Resp: 116791
Ion Ratio Lower Upper
43 100
74 24.1 16.7 25.1





#19

Methyl tert-butyl Ether

Concen: 44.604 ug/l

RT: 5.479 min Scan# 604

Delta R.T. 0.006 min

Lab File: VD073006.D

Acq: 13 May 2022 23:09

Instrument :

MSVOA_D

ClientSampleId :

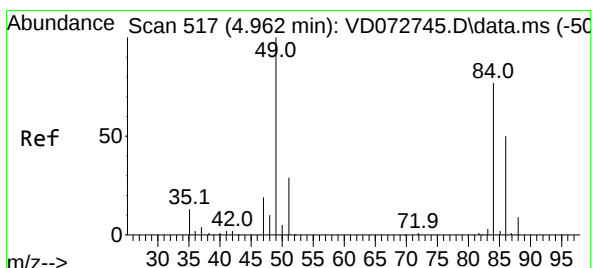
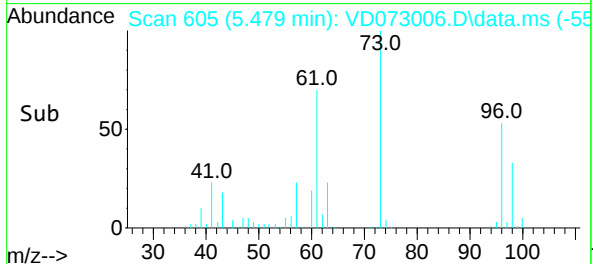
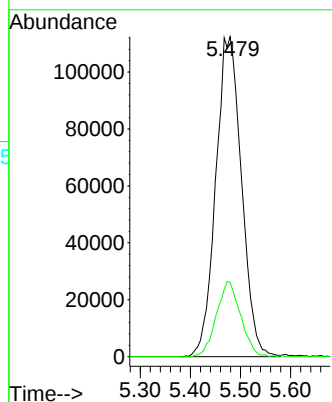
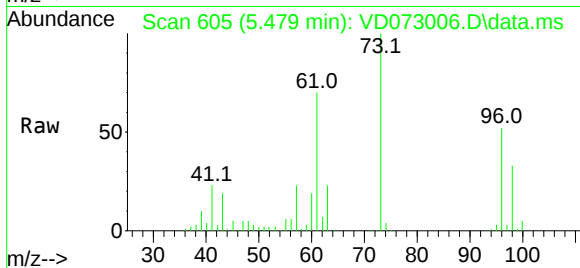
P007-SS002-1824-01MSD

Tgt Ion: 73 Resp: 401192

Ion Ratio Lower Upper

73 100

57 23.2 18.0 27.0



#20

Methylene Chloride

Concen: 46.270 ug/l

RT: 4.961 min Scan# 517

Delta R.T. -0.001 min

Lab File: VD073006.D

Acq: 13 May 2022 23:09

Tgt Ion: 84 Resp: 225808

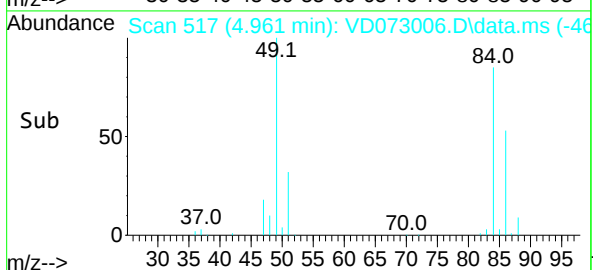
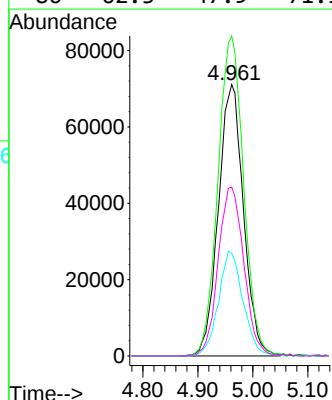
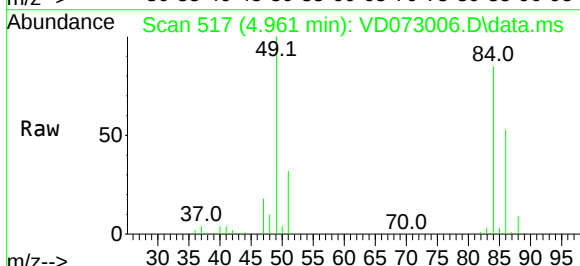
Ion Ratio Lower Upper

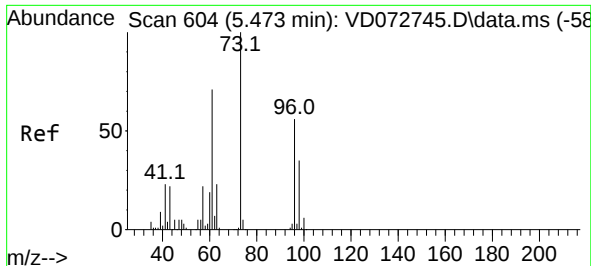
84 100

49 117.9 112.8 169.2

51 37.9 32.6 48.8

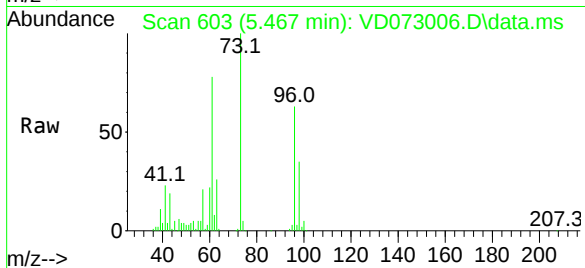
86 62.3 47.9 71.9





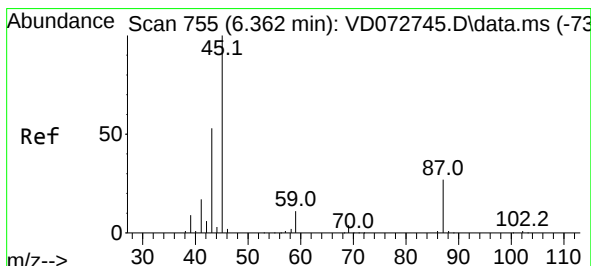
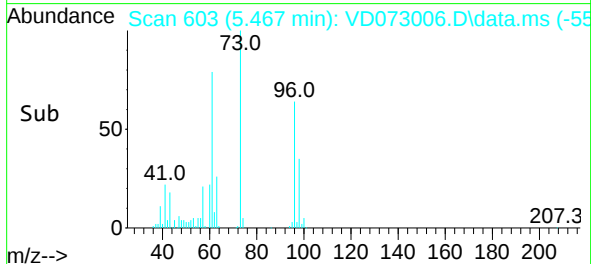
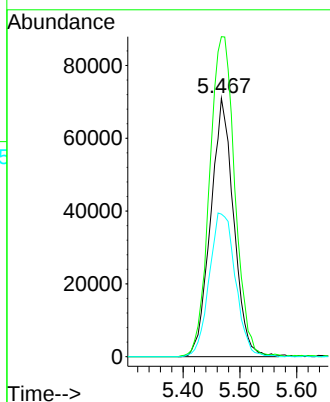
#21
trans-1,2-Dichloroethene
Concen: 46.509 ug/l
RT: 5.467 min Scan# 604
Delta R.T. -0.006 min
Lab File: VD073006.D
Acq: 13 May 2022 23:09

Instrument : MSVOA_D
ClientSampleId : P007-SS002-1824-01MSD



Tgt Ion: 96 Resp: 200129

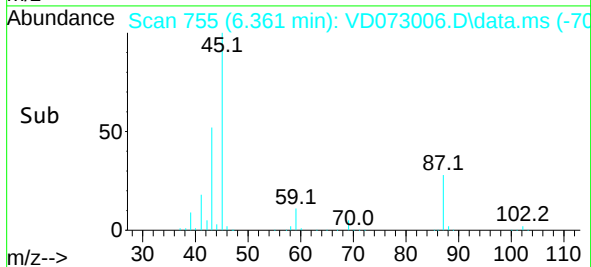
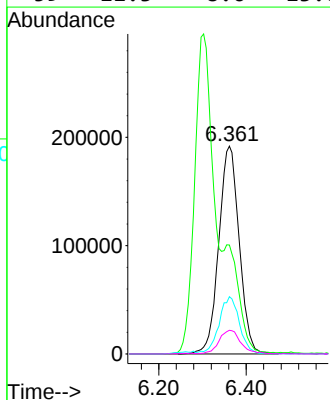
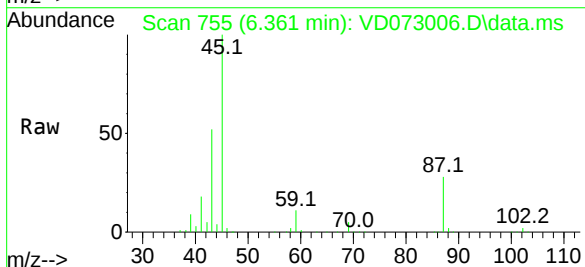
Ion	Ratio	Lower	Upper
96	100		
61	123.9	117.9	176.9
98	55.2	49.4	74.2

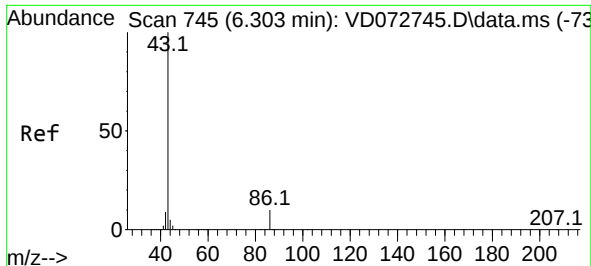


#22
Diisopropyl ether
Concen: 46.592 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.001 min
Lab File: VD073006.D
Acq: 13 May 2022 23:09

Tgt Ion: 45 Resp: 620845

Ion	Ratio	Lower	Upper
45	100		
43	51.8	46.6	70.0
87	27.5	18.4	27.6
59	11.3	8.6	13.0

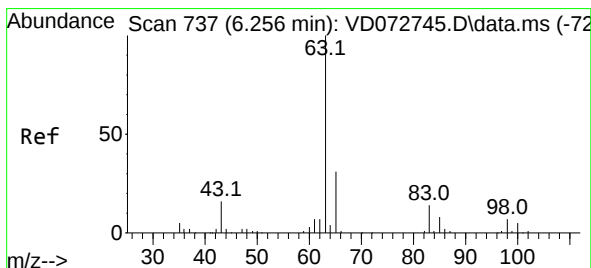
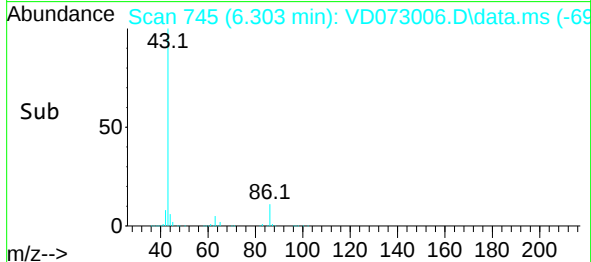
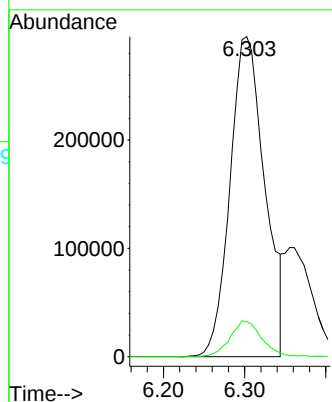
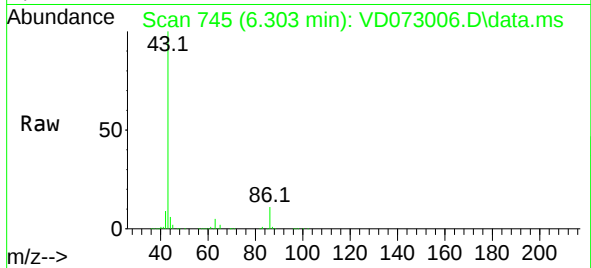




#23
 Vinyl Acetate
 Concen: 119.801 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. -0.000 min
 Lab File: VD073006.D
 Acq: 13 May 2022 23:09

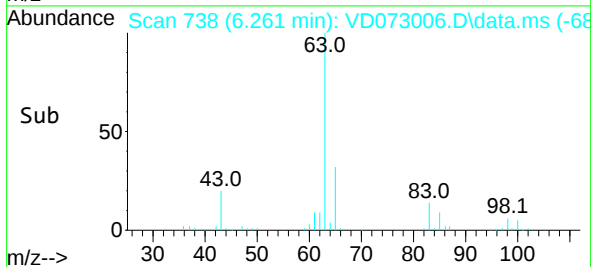
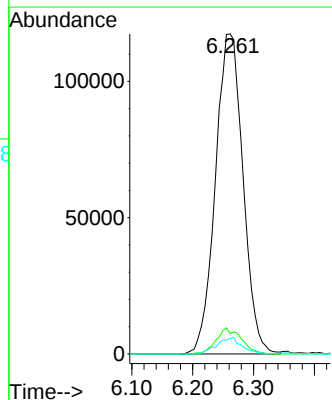
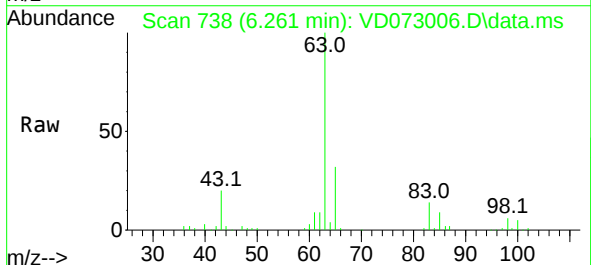
Instrument :
 MSVOA_D
 ClientSampleId :
 P007-SS002-1824-01MSD

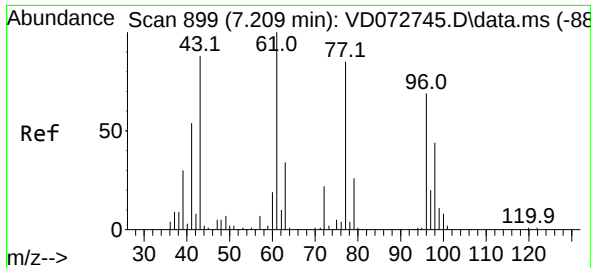
Tgt Ion: 43 Resp: 881856
 Ion Ratio Lower Upper
 43 100
 86 10.9 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 46.186 ug/l
 RT: 6.261 min Scan# 738
 Delta R.T. 0.005 min
 Lab File: VD073006.D
 Acq: 13 May 2022 23:09

Tgt Ion: 63 Resp: 369754
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.6 10.9
 100 4.8 2.1 6.5

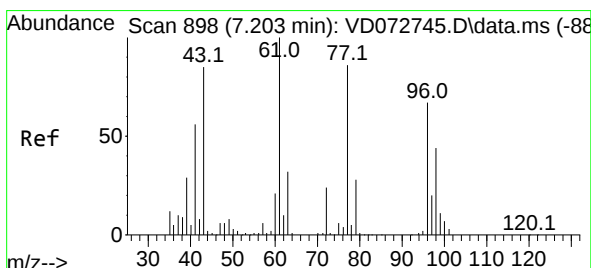
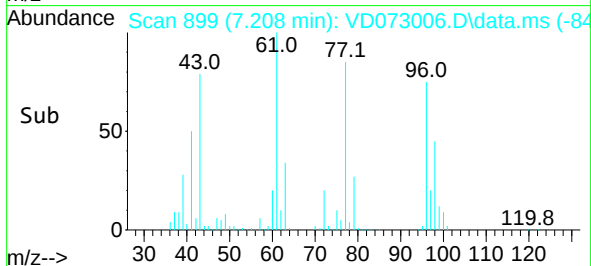
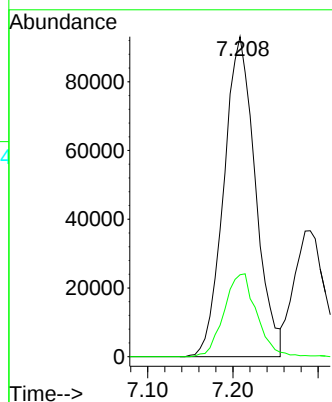
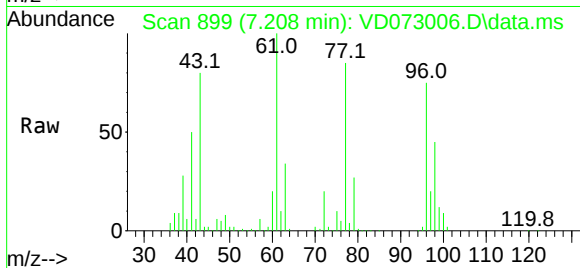




#25
2-Butanone
Concen: 203.624 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.001 min
Lab File: VD073006.D
Acq: 13 May 2022 23:09

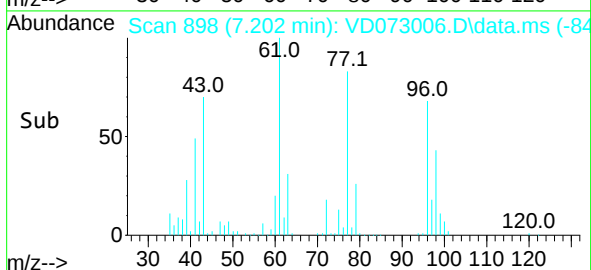
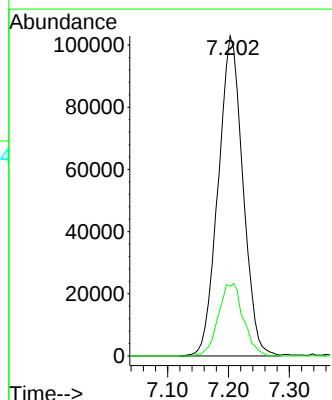
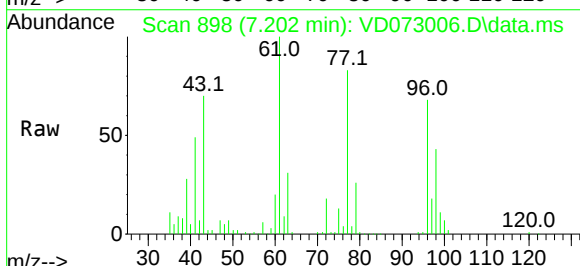
Instrument :
MSVOA_D
ClientSampleId :
P007-SS002-1824-01MSD

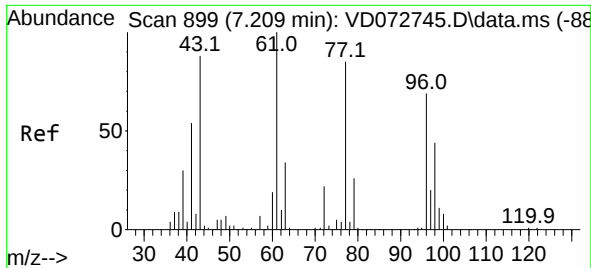
Tgt Ion: 43 Resp: 239635
Ion Ratio Lower Upper
43 100
72 25.6 18.6 27.8



#26
2,2-Dichloropropane
Concen: 42.881 ug/l
RT: 7.202 min Scan# 898
Delta R.T. -0.001 min
Lab File: VD073006.D
Acq: 13 May 2022 23:09

Tgt Ion: 77 Resp: 290222
Ion Ratio Lower Upper
77 100
97 22.9 10.8 32.4

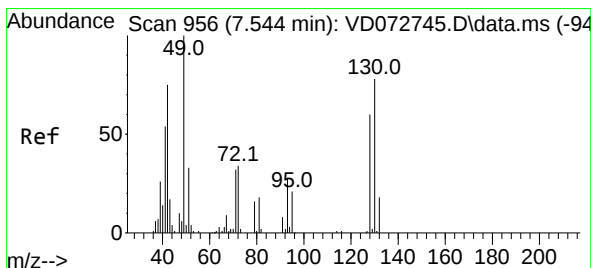
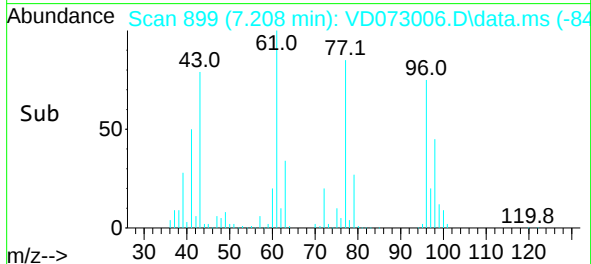
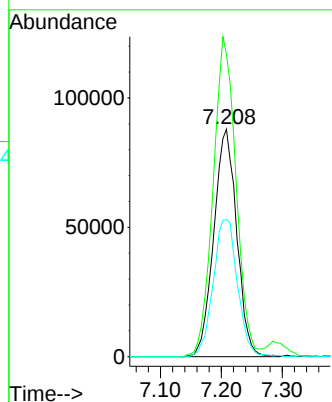
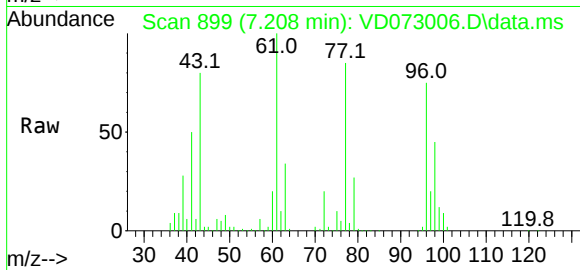




#27
 cis-1,2-Dichloroethene
 Concen: 46.669 ug/l
 RT: 7.208 min Scan# 899
 Delta R.T. -0.001 min
 Lab File: VD073006.D
 Acq: 13 May 2022 23:09

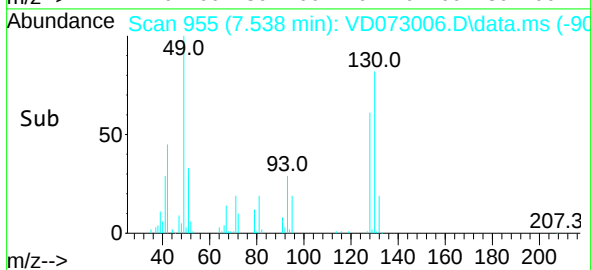
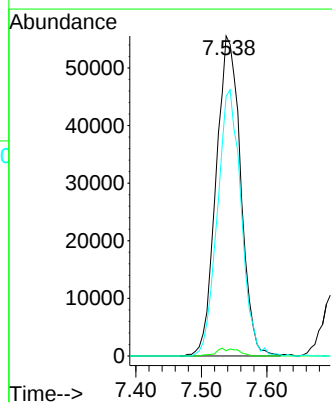
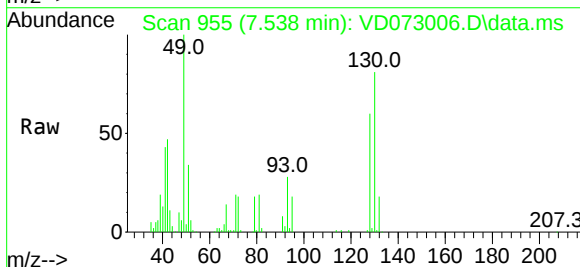
Instrument :
 MSVOA_D
 ClientSampleId :
 P007-SS002-1824-01MSD

Tgt Ion:	96	Resp:	230001
Ion	Ratio	Lower	Upper
96	100		
61	139.9	0.0	313.8
98	63.9	0.0	128.8



#28
 Bromochloromethane
 Concen: 48.218 ug/l
 RT: 7.538 min Scan# 955
 Delta R.T. -0.006 min
 Lab File: VD073006.D
 Acq: 13 May 2022 23:09

Tgt Ion:	49	Resp:	143953
Ion	Ratio	Lower	Upper
49	100		
129	1.1	0.0	4.0
130	80.5	52.6	79.0





#29

Tetrahydrofuran

Concen: 196.327 ug/l

RT: 7.555 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD073006.D

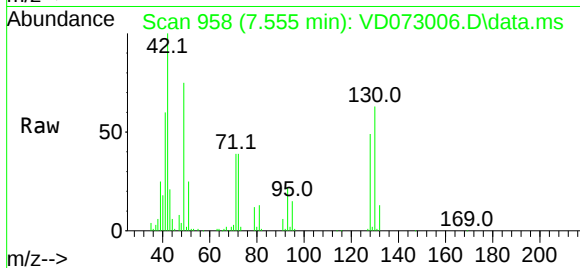
Acq: 13 May 2022 23:09

Instrument :

MSVOA_D

ClientSampleId :

P007-SS002-1824-01MSD



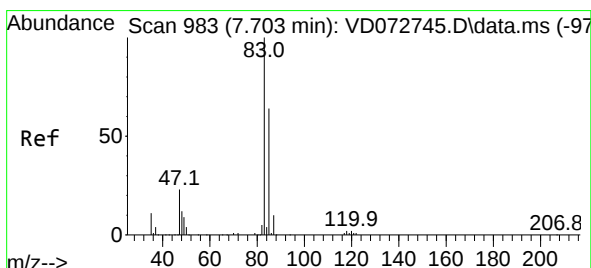
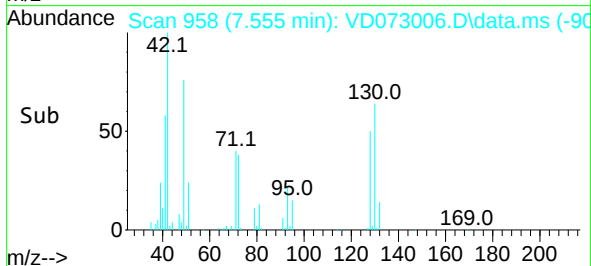
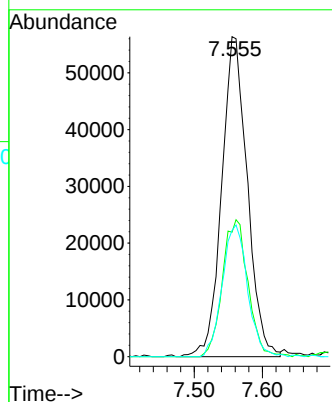
Tgt Ion: 42 Resp: 147271

Ion Ratio Lower Upper

42 100

72 42.7 30.7 46.1

71 40.7 28.6 43.0



#30

Chloroform

Concen: 45.559 ug/l

RT: 7.702 min Scan# 983

Delta R.T. -0.001 min

Lab File: VD073006.D

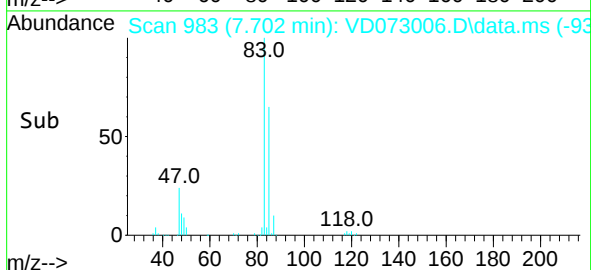
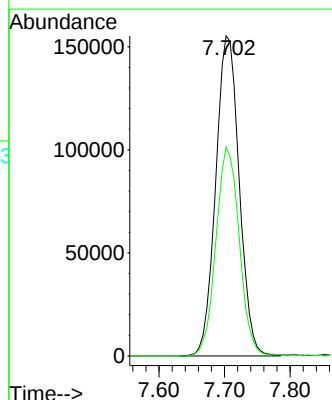
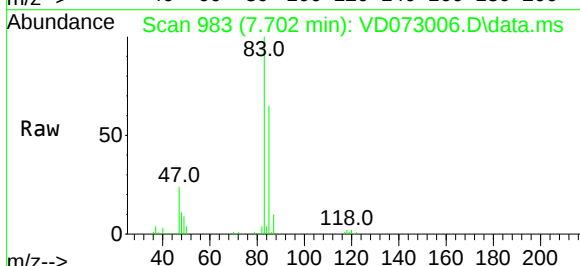
Acq: 13 May 2022 23:09

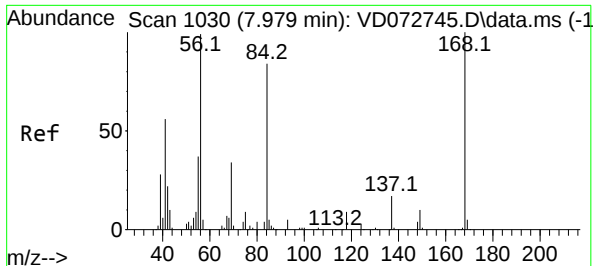
Tgt Ion: 83 Resp: 385934

Ion Ratio Lower Upper

83 100

85 65.3 52.7 79.1

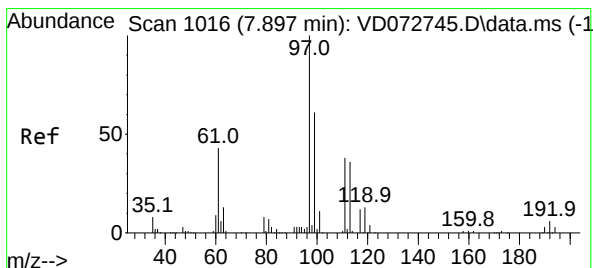
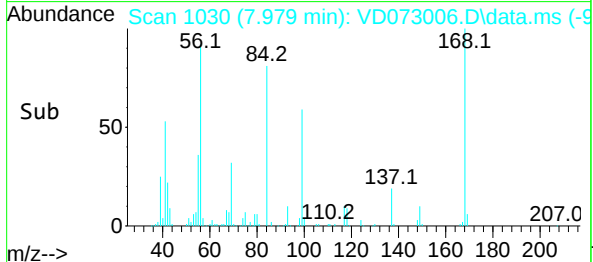
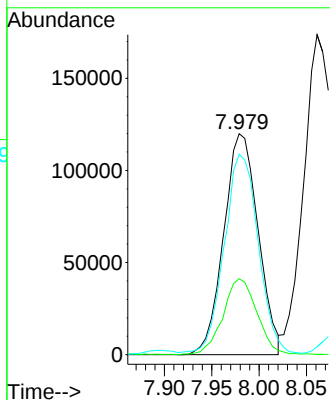
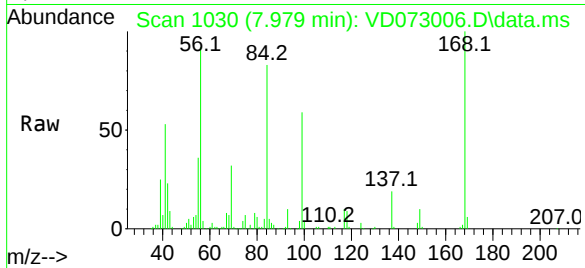




#31
Cyclohexane
Concen: 42.867 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD073006.D
Acq: 13 May 2022 23:09

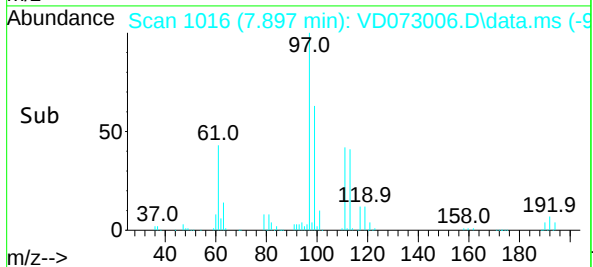
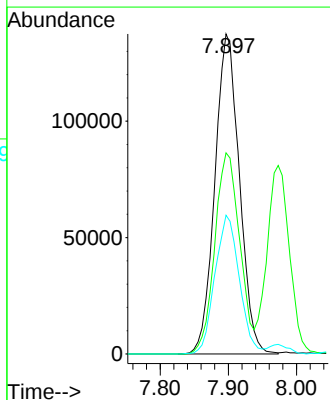
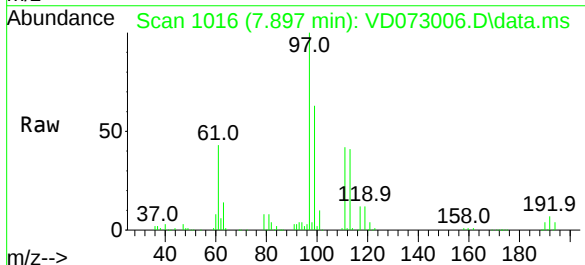
Instrument :
MSVOA_D
ClientSampleId :
P007-SS002-1824-01MSD

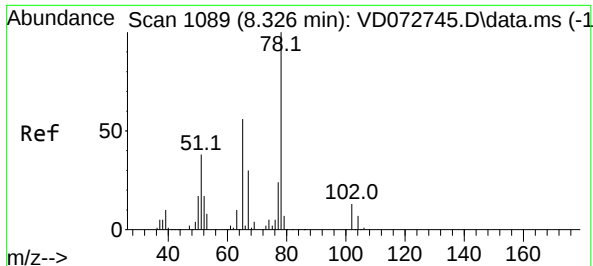
Tgt Ion: 56 Resp: 302665
Ion Ratio Lower Upper
56 100
69 34.4 25.4 38.2
84 89.8 63.0 94.4



#32
1,1,1-Trichloroethane
Concen: 47.780 ug/l
RT: 7.897 min Scan# 1016
Delta R.T. -0.000 min
Lab File: VD073006.D
Acq: 13 May 2022 23:09

Tgt Ion: 97 Resp: 344956
Ion Ratio Lower Upper
97 100
99 63.9 52.4 78.6
61 43.0 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 43.840 ug/l

RT: 8.326 min Scan# 1107

Delta R.T. -0.000 min

Lab File: VD073006.D

Acq: 13 May 2022 23:09

Instrument :

MSVOA_D

ClientSampleId :

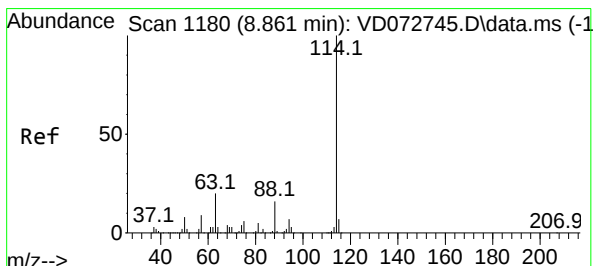
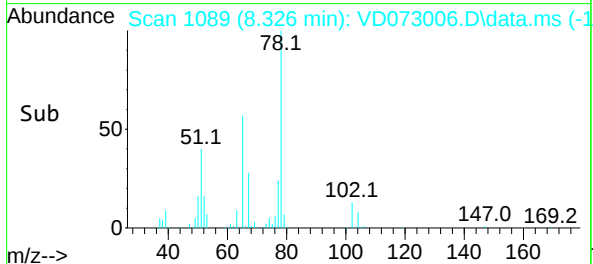
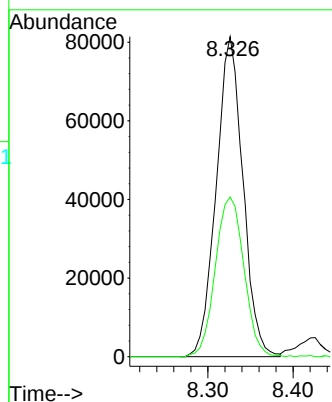
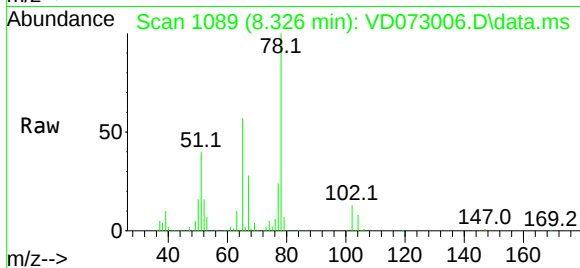
P007-SS002-1824-01MSD

Tgt Ion: 65 Resp: 177073

Ion Ratio Lower Upper

65 100

67 53.3 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD073006.D

Acq: 13 May 2022 23:09

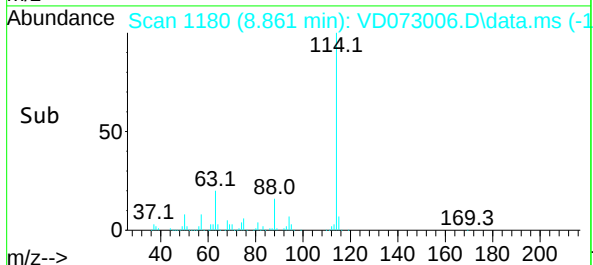
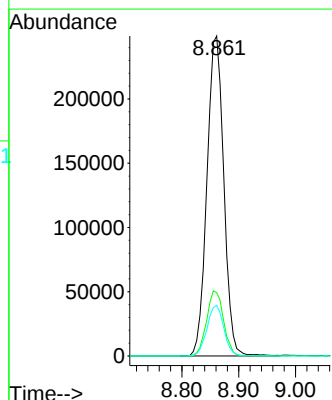
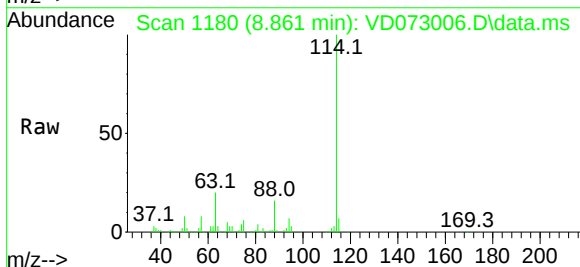
Tgt Ion: 114 Resp: 510729

Ion Ratio Lower Upper

114 100

63 19.8 0.0 46.6

88 15.8 0.0 33.2





#35

Dibromofluoromethane

Concen: 52.028 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.001 min

Lab File: VD073006.D

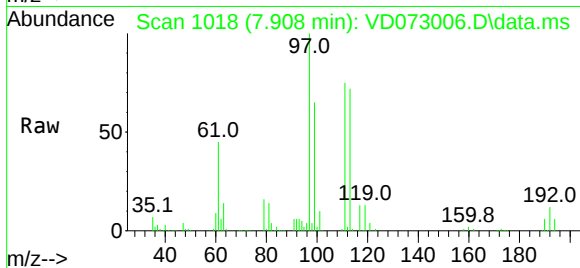
Acq: 13 May 2022 23:09

Instrument :

MSVOA_D

ClientSampleId :

P007-SS002-1824-01MSD



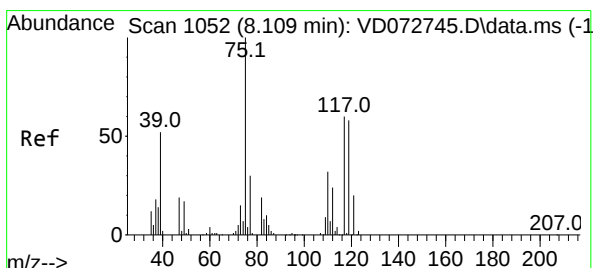
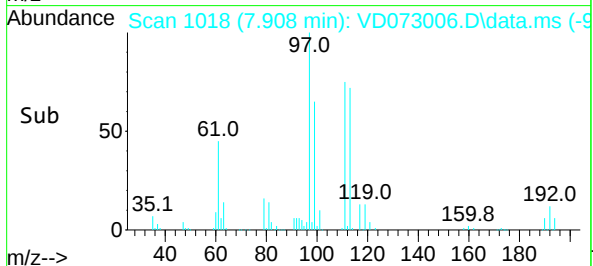
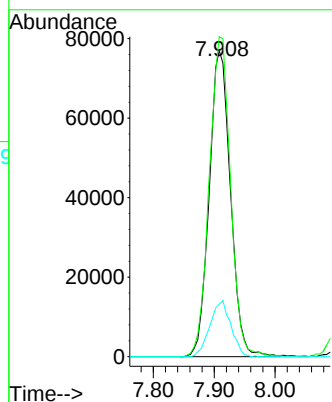
Tgt Ion:113 Resp: 186620

Ion Ratio Lower Upper

113 100

111 104.6 83.8 125.6

192 18.1 14.6 21.8



#36

1,1-Dichloropropene

Concen: 49.228 ug/l

RT: 8.108 min Scan# 1052

Delta R.T. -0.001 min

Lab File: VD073006.D

Acq: 13 May 2022 23:09

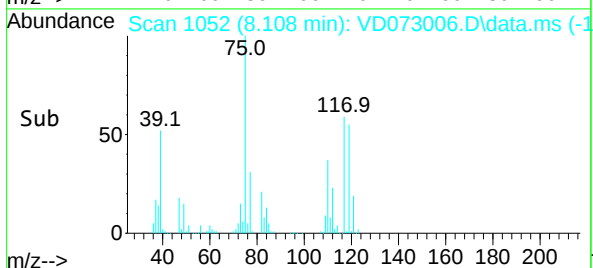
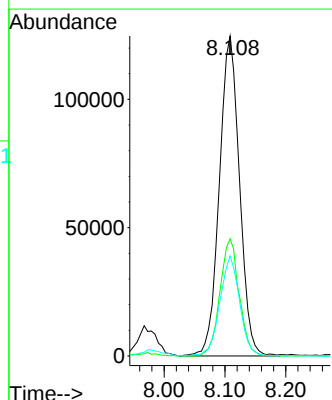
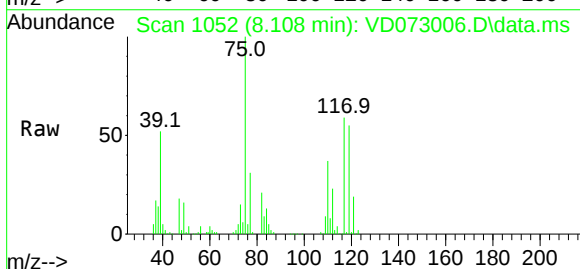
Tgt Ion: 75 Resp: 287116

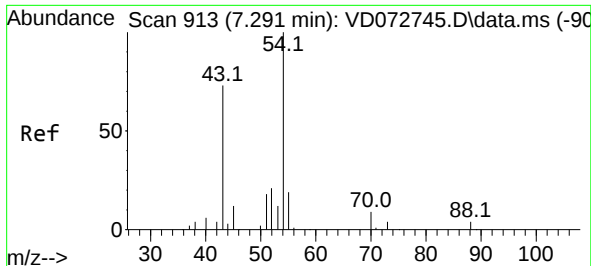
Ion Ratio Lower Upper

75 100

110 34.9 16.4 49.1

77 30.6 24.2 36.2





#37

Ethyl Acetate

Concen: 35.502 ug/l

RT: 7.291 min Scan# 913

Delta R.T. -0.000 min

Lab File: VD073006.D

Acq: 13 May 2022 23:09

Instrument :

MSVOA_D

ClientSampleId :

P007-SS002-1824-01MSD

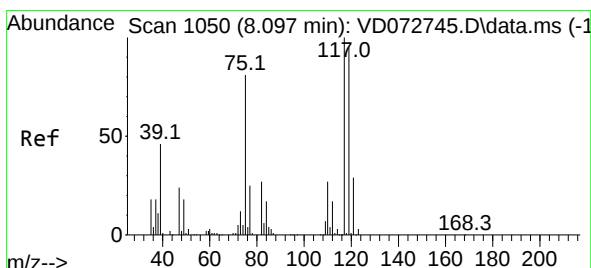
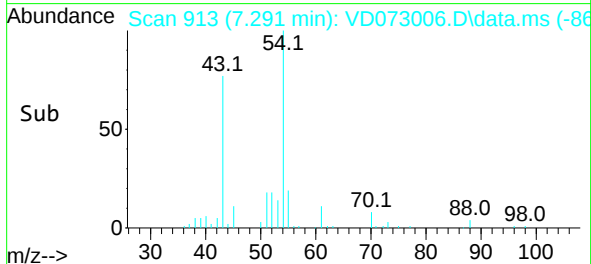
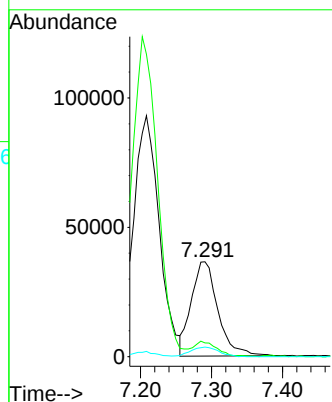
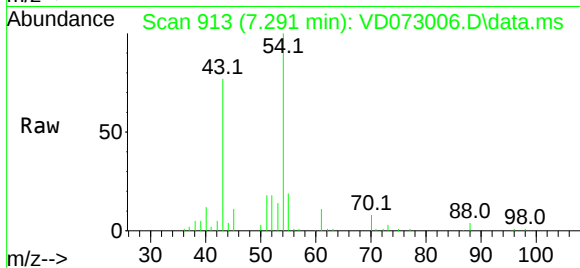
Tgt Ion: 43 Resp: 95187

Ion Ratio Lower Upper

43 100

61 15.3 9.8 14.8#

70 10.7 6.9 10.3#



#38

Carbon Tetrachloride

Concen: 49.003 ug/l

RT: 8.091 min Scan# 1049

Delta R.T. -0.006 min

Lab File: VD073006.D

Acq: 13 May 2022 23:09

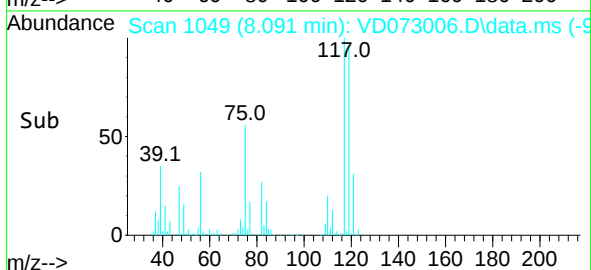
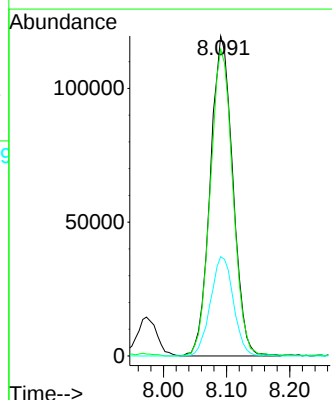
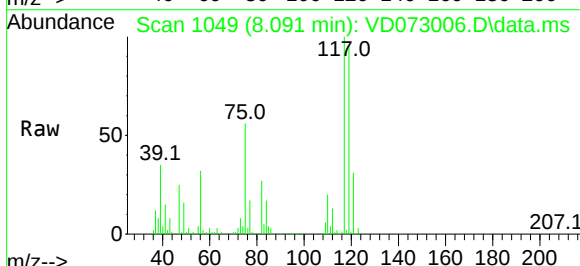
Tgt Ion: 117 Resp: 296683

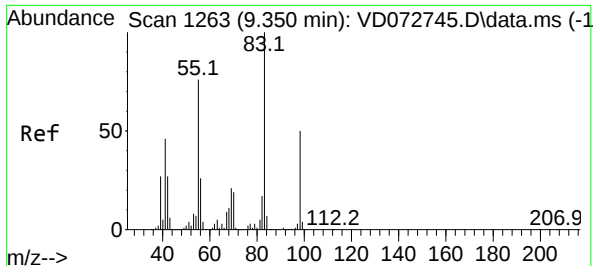
Ion Ratio Lower Upper

117 100

119 95.8 75.8 113.6

121 31.0 24.5 36.7





#39

Methylcyclohexane

Concen: 45.767 ug/l

RT: 9.349 min Scan# 11

Delta R.T. -0.001 min

Lab File: VD073006.D

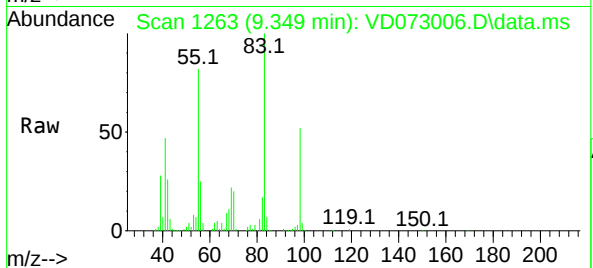
Acq: 13 May 2022 23:09

Instrument :

MSVOA_D

ClientSampleId :

P007-SS002-1824-01MSD



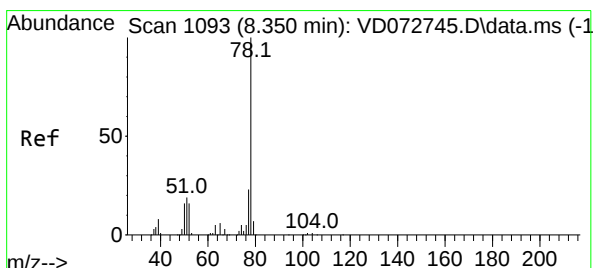
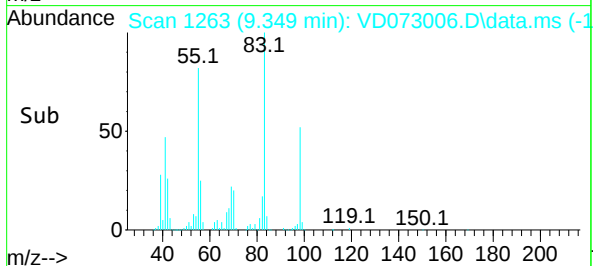
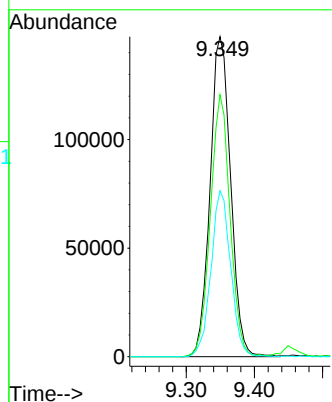
Tgt Ion: 83 Resp: 309624

Ion Ratio Lower Upper

83 100

55 81.8 63.2 94.8

98 51.9 38.2 57.4



#40

Benzene

Concen: 48.570 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. -0.006 min

Lab File: VD073006.D

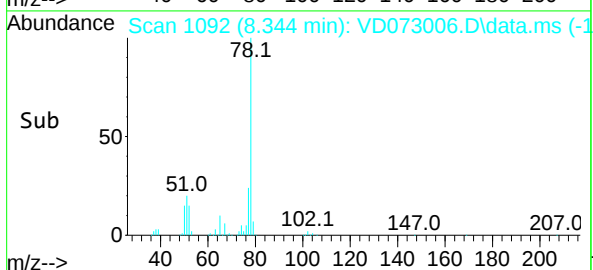
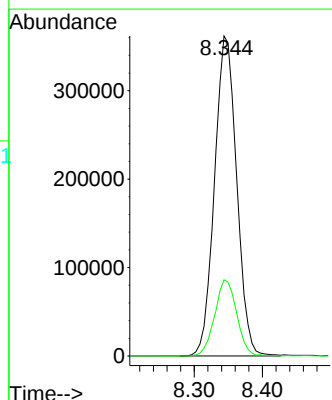
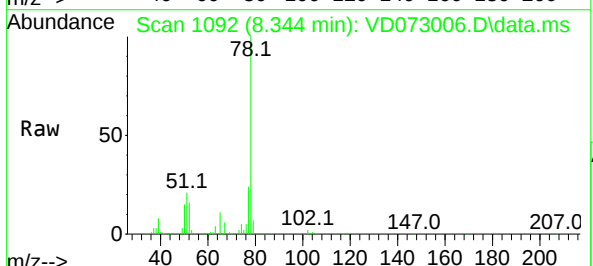
Acq: 13 May 2022 23:09

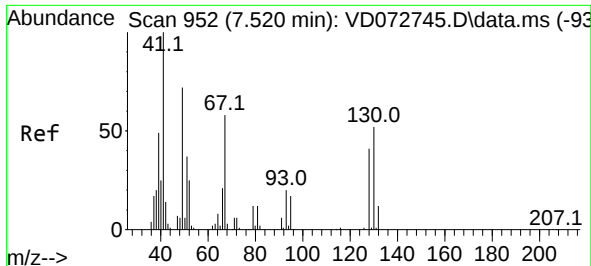
Tgt Ion: 78 Resp: 818071

Ion Ratio Lower Upper

78 100

77 23.8 19.1 28.7

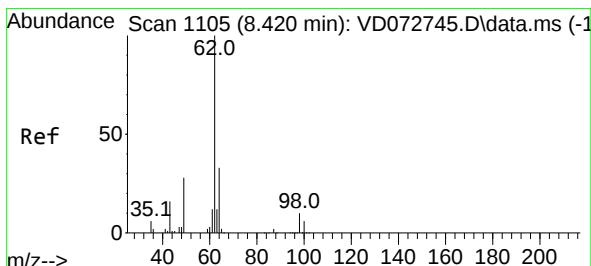
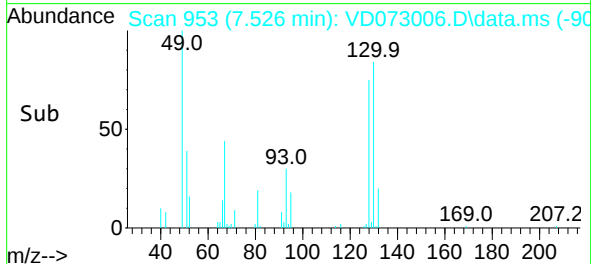
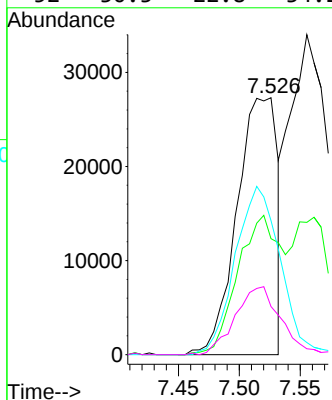
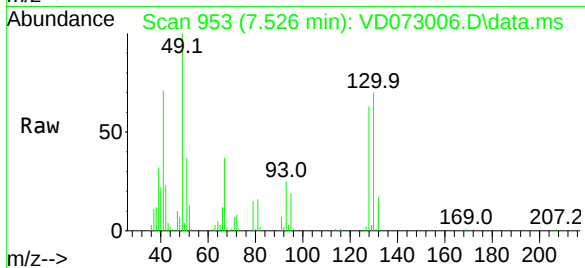




#41
Methacrylonitrile
Concen: 39.532 ug/l
RT: 7.526 min Scan# 911
Delta R.T. 0.006 min
Lab File: VD073006.D
Acq: 13 May 2022 23:09

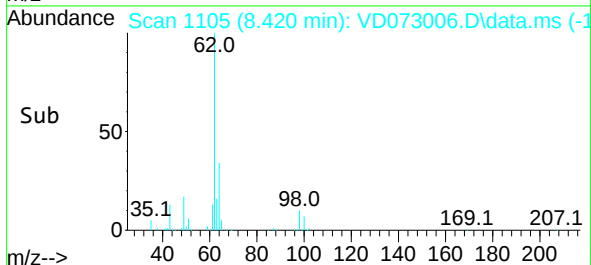
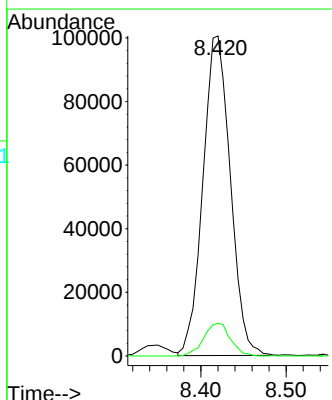
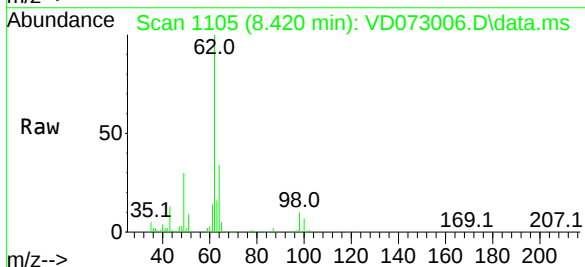
Instrument :
MSVOA_D
ClientSampleId :
P007-SS002-1824-01MSD

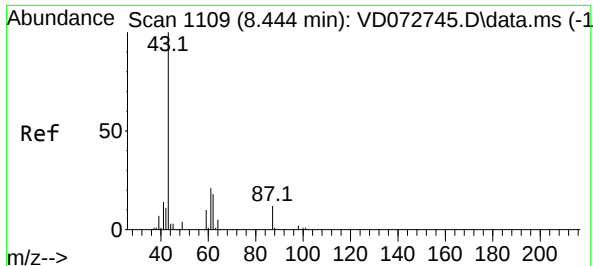
Tgt Ion:	41	Resp:	63112
Ion Ratio	Lower	Upper	
41	100		
39	58.2	44.6	67.0
67	73.0	48.2	72.4#
52	30.3	22.8	34.2



#42
1,2-Dichloroethane
Concen: 44.217 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD073006.D
Acq: 13 May 2022 23:09

Tgt Ion:	62	Resp:	224429
Ion Ratio	Lower	Upper	
62	100		
98	9.9	0.0	17.6





#43

Isopropyl Acetate

Concen: 39.603 ug/l

RT: 8.444 min Scan# 1109

Delta R.T. -0.000 min

Lab File: VD073006.D

Acq: 13 May 2022 23:09

Instrument :

MSVOA_D

ClientSampleId :

P007-SS002-1824-01MSD

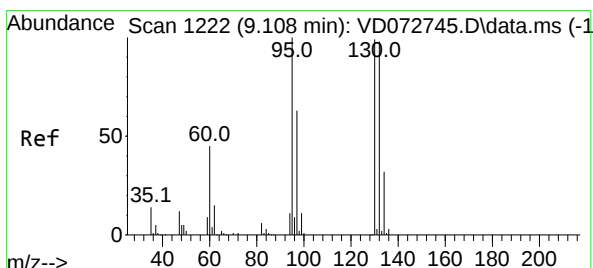
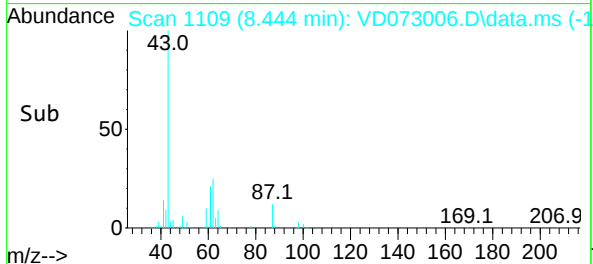
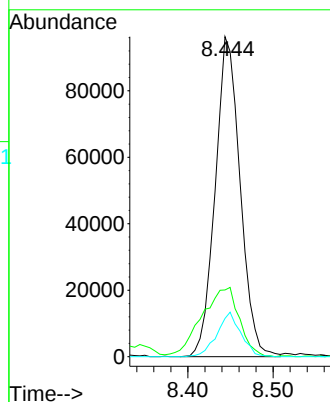
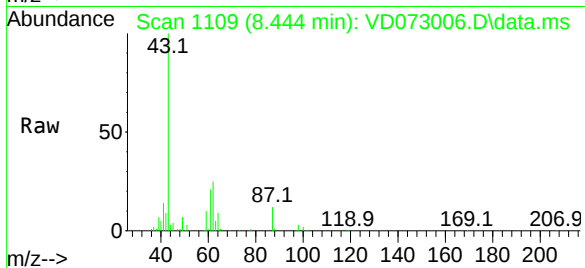
Tgt Ion: 43 Resp: 195984

Ion Ratio Lower Upper

43 100

61 32.6 22.4 33.6

87 13.3 8.7 13.1#



#44

Trichloroethene

Concen: 47.845 ug/l

RT: 9.108 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD073006.D

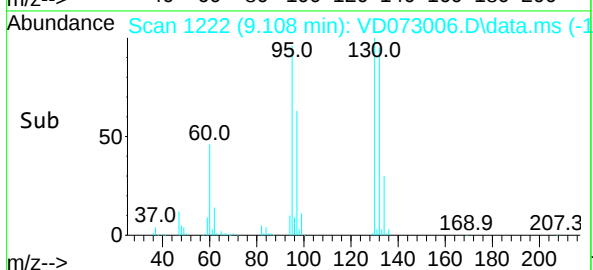
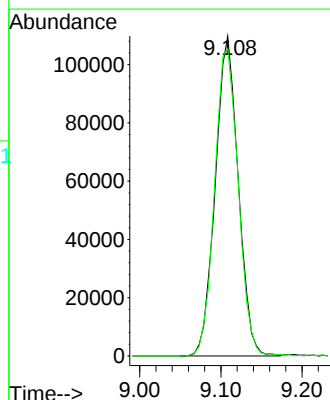
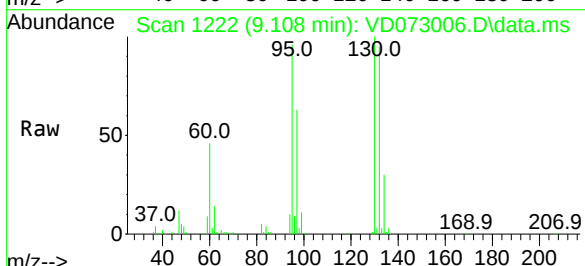
Acq: 13 May 2022 23:09

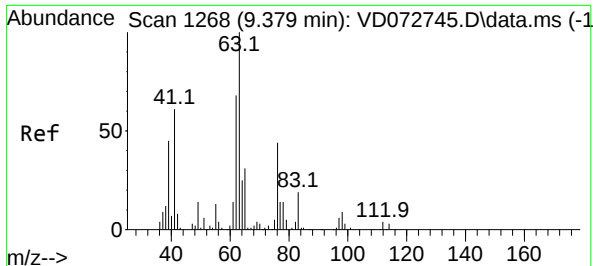
Tgt Ion:130 Resp: 215593

Ion Ratio Lower Upper

130 100

95 95.9 0.0 205.4





#45

1,2-Dichloropropane

Concen: 47.791 ug/l

RT: 9.379 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD073006.D

Acq: 13 May 2022 23:09

Instrument :

MSVOA_D

ClientSampleId :

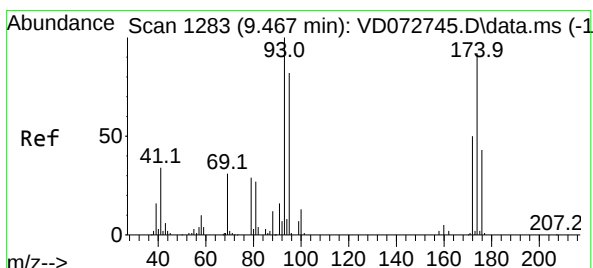
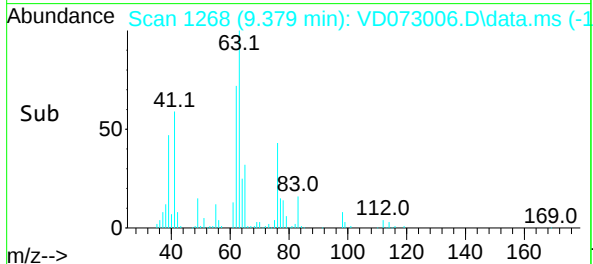
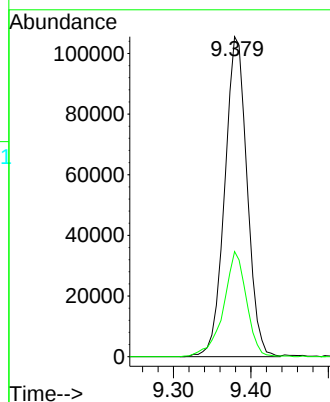
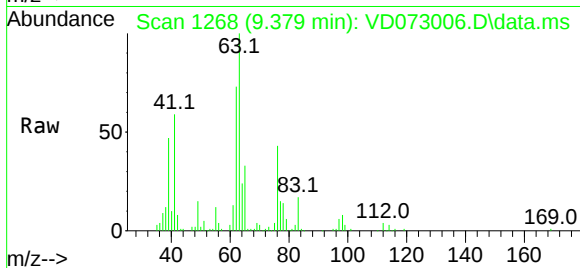
P007-SS002-1824-01MSD

Tgt Ion: 63 Resp: 211393

Ion Ratio Lower Upper

63 100

65 32.8 26.2 39.4



#46

Dibromomethane

Concen: 44.034 ug/l

RT: 9.473 min Scan# 1284

Delta R.T. 0.006 min

Lab File: VD073006.D

Acq: 13 May 2022 23:09

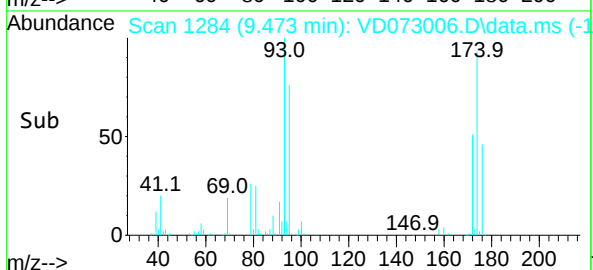
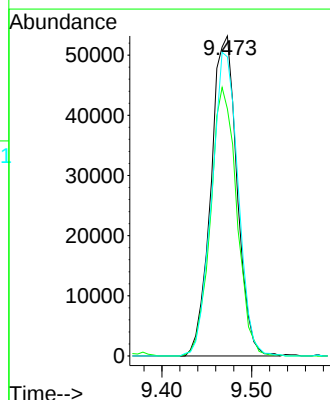
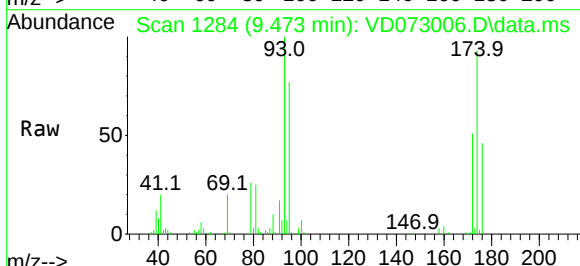
Tgt Ion: 93 Resp: 107443

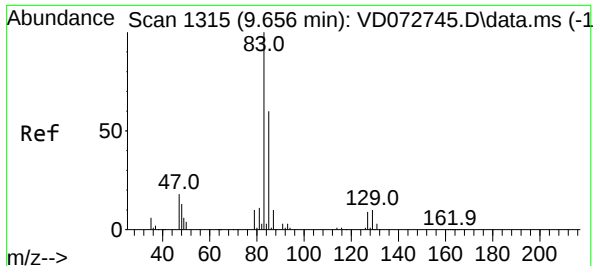
Ion Ratio Lower Upper

93 100

95 83.9 66.7 100.1

174 95.7 71.6 107.4





#47

Bromodichloromethane

Concen: 46.832 ug/l

RT: 9.655 min Scan# 1

Delta R.T. -0.001 min

Lab File: VD073006.D

Acq: 13 May 2022 23:09

Instrument :

MSVOA_D

ClientSampleId :

P007-SS002-1824-01MSD

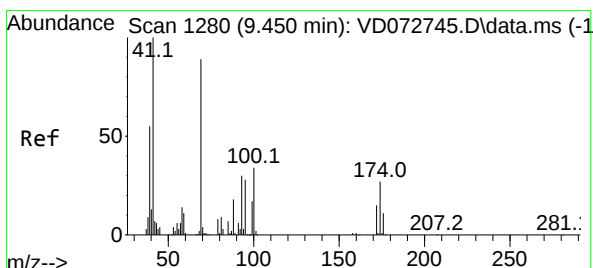
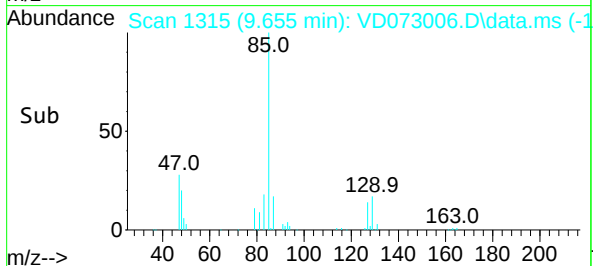
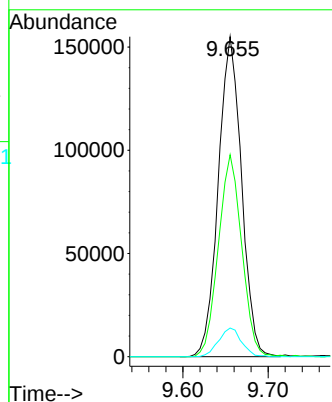
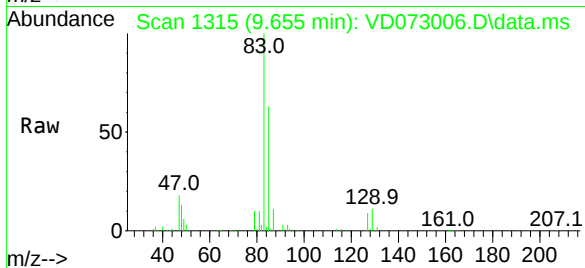
Tgt Ion: 83 Resp: 293959

Ion Ratio Lower Upper

83 100

85 63.1 51.4 77.0

127 8.9 6.1 9.1



#48

Methyl methacrylate

Concen: 45.359 ug/l

RT: 9.449 min Scan# 1280

Delta R.T. -0.001 min

Lab File: VD073006.D

Acq: 13 May 2022 23:09

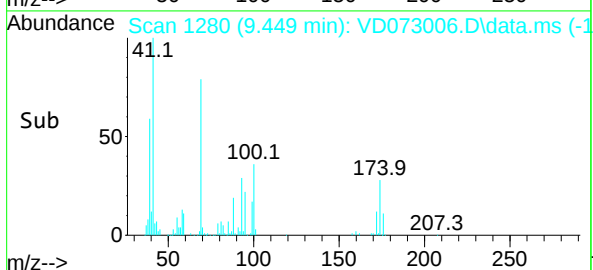
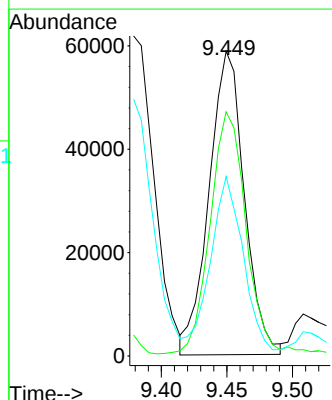
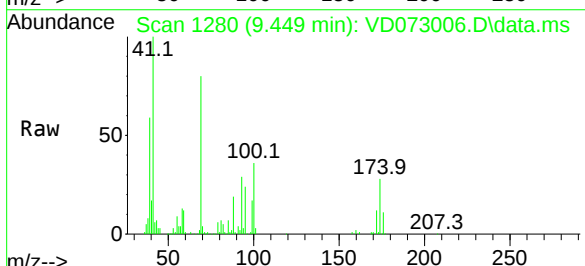
Tgt Ion: 41 Resp: 109813

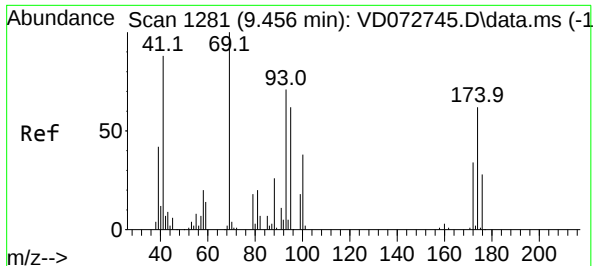
Ion Ratio Lower Upper

41 100

69 81.9 56.7 85.1

39 56.8 42.7 64.1





#49

1,4-Dioxane

Concen: 846.475 ug/l

RT: 9.449 min Scan# 1280

Delta R.T. -0.007 min

Lab File: VD073006.D

Acq: 13 May 2022 23:09

Instrument :

MSVOA_D

ClientSampleId :

P007-SS002-1824-01MSD

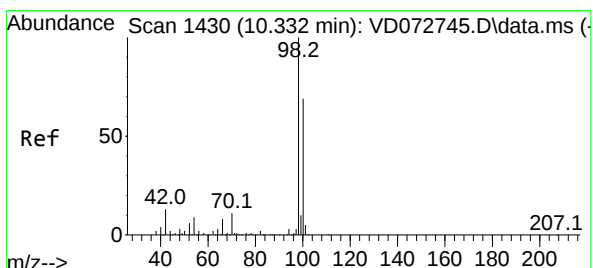
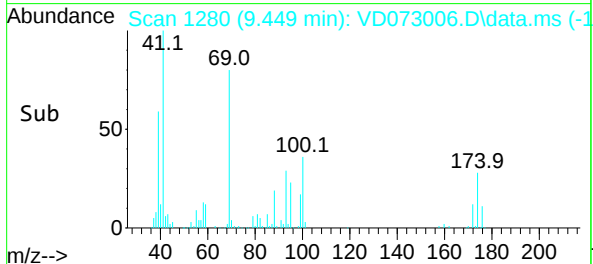
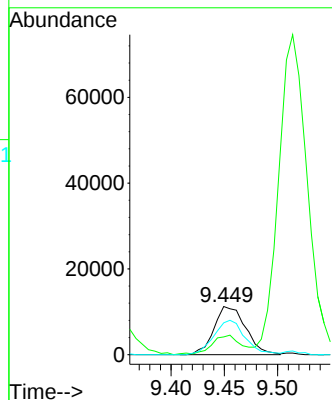
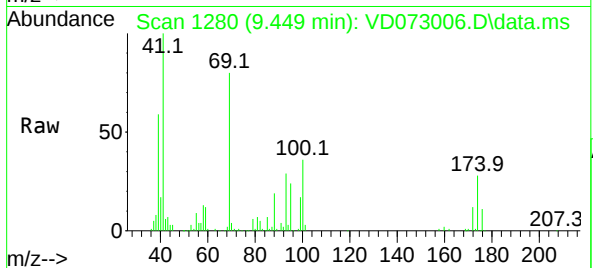
Tgt Ion: 88 Resp: 23258

Ion Ratio Lower Upper

88 100

43 39.3 31.0 46.4

58 70.6 58.1 87.1



#50

Toluene-d8

Concen: 52.596 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD073006.D

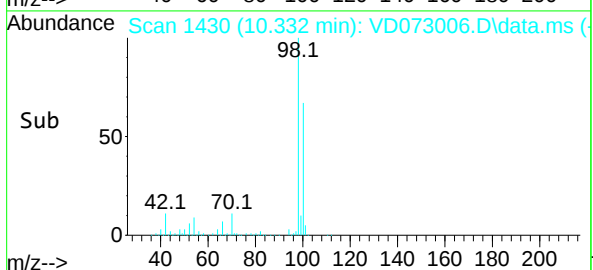
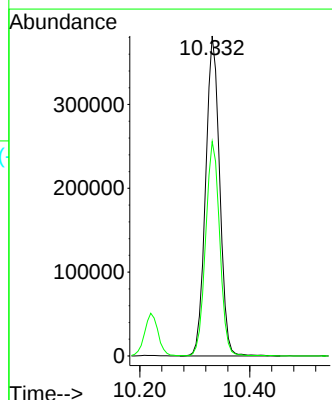
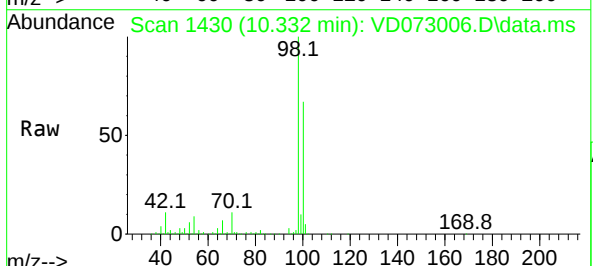
Acq: 13 May 2022 23:09

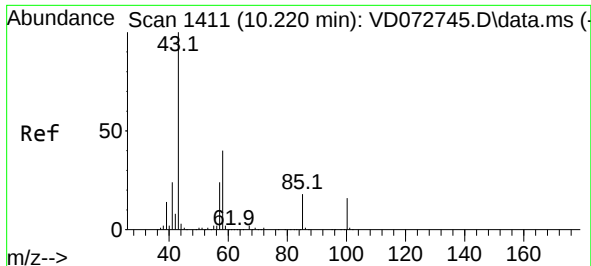
Tgt Ion: 98 Resp: 676735

Ion Ratio Lower Upper

98 100

100 66.9 52.4 78.6

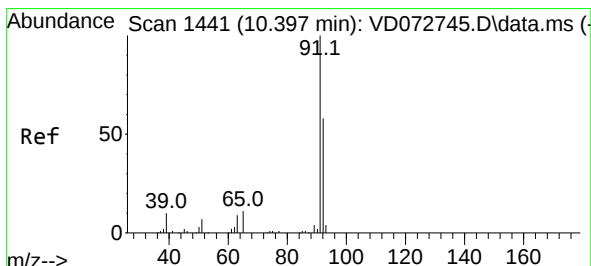
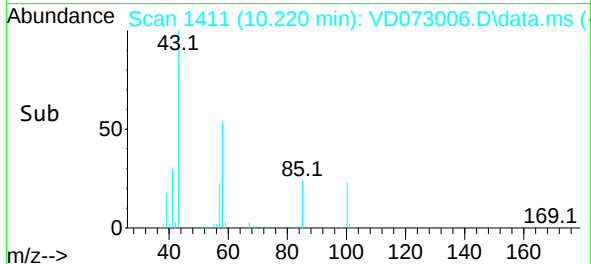
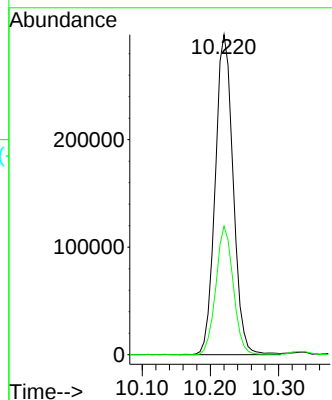
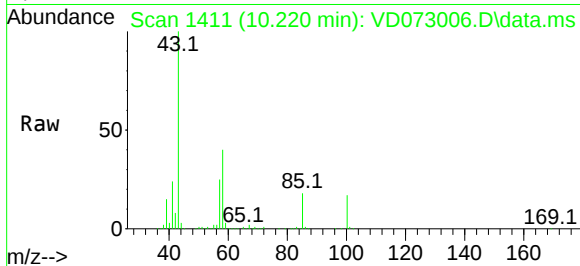




#51
4-Methyl-2-Pentanone
Concen: 212.027 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. -0.000 min
Lab File: VD073006.D
Acq: 13 May 2022 23:09

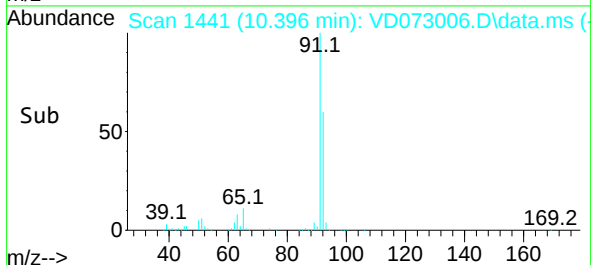
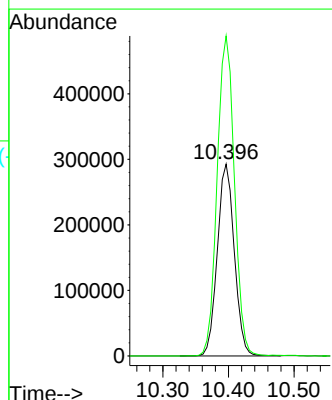
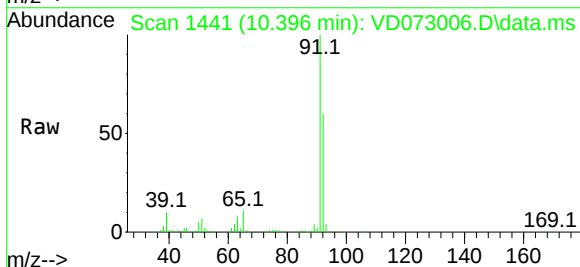
Instrument :
MSVOA_D
ClientSampleId :
P007-SS002-1824-01MSD

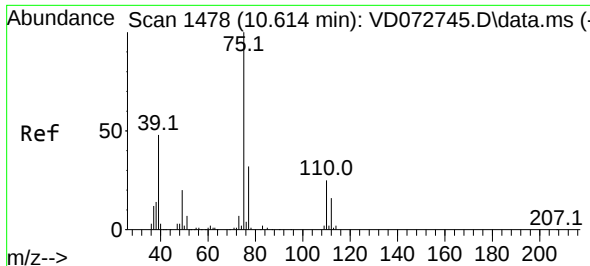
Tgt Ion: 43 Resp: 545229
Ion Ratio Lower Upper
43 100
58 38.9 28.6 43.0



#52
Toluene
Concen: 49.976 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. -0.001 min
Lab File: VD073006.D
Acq: 13 May 2022 23:09

Tgt Ion: 92 Resp: 525083
Ion Ratio Lower Upper
92 100
91 169.4 139.6 209.4

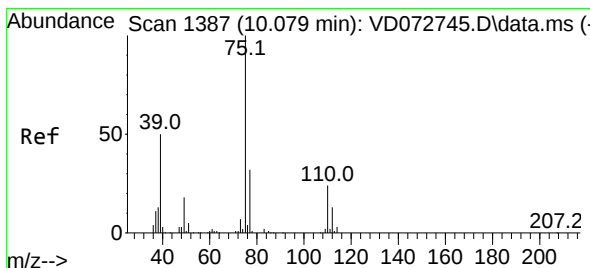
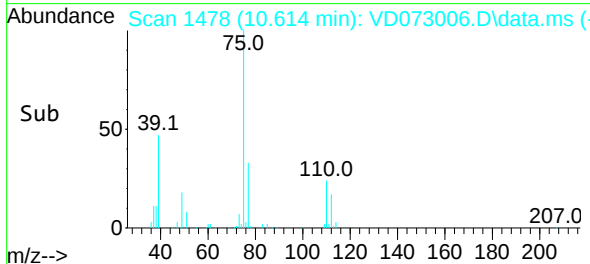
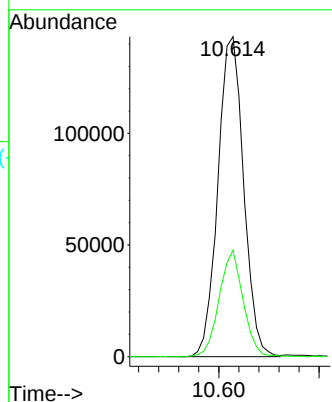
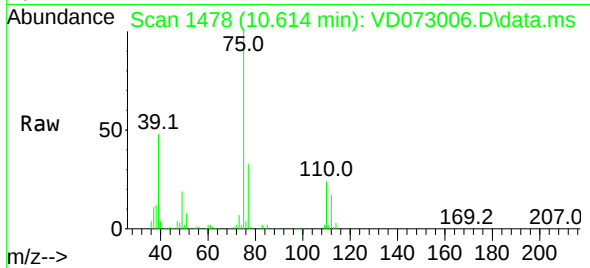




#53
t-1,3-Dichloropropene
Concen: 44.108 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VD073006.D
Acq: 13 May 2022 23:09

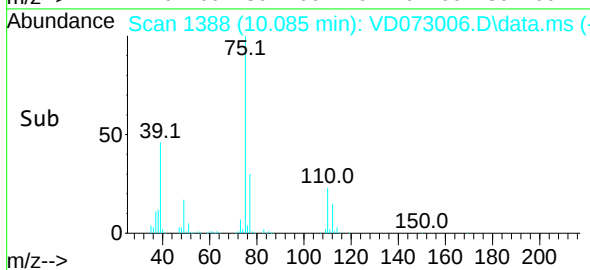
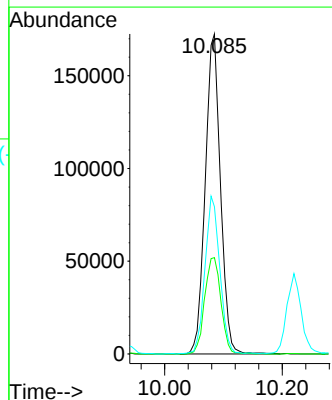
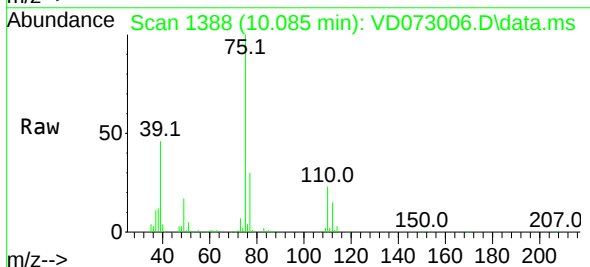
Instrument :
MSVOA_D
ClientSampleId :
P007-SS002-1824-01MSD

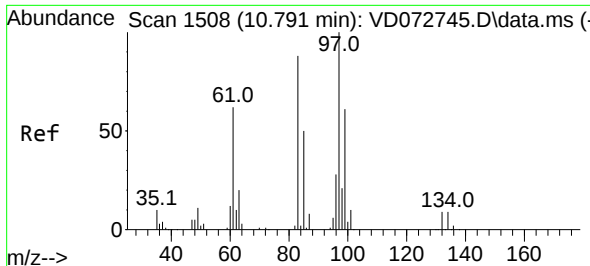
Tgt Ion: 75 Resp: 254303
Ion Ratio Lower Upper
75 100
77 33.3 24.5 36.7



#54
cis-1,3-Dichloropropene
Concen: 46.301 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. 0.006 min
Lab File: VD073006.D
Acq: 13 May 2022 23:09

Tgt Ion: 75 Resp: 310143
Ion Ratio Lower Upper
75 100
77 30.1 24.8 37.2
39 45.9 46.8 70.2#

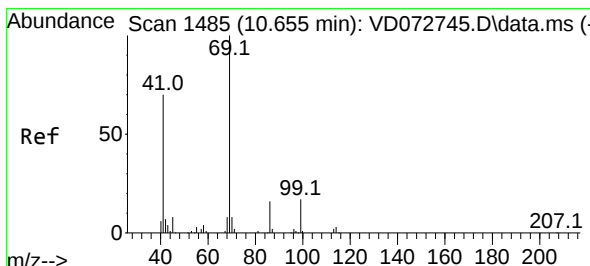
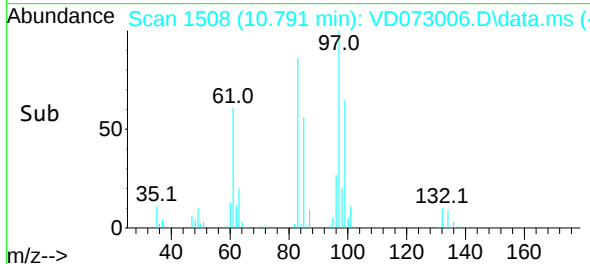
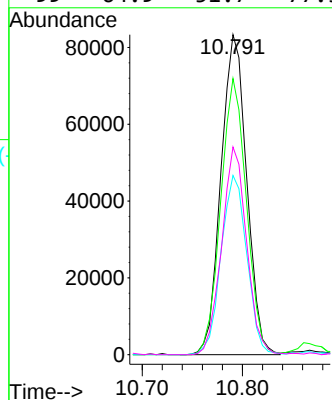
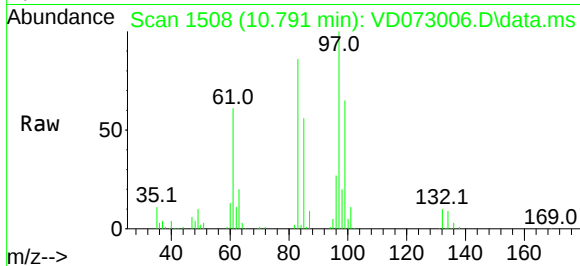




#55
1,1,2-Trichloroethane
Concen: 44.990 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VD073006.D
Acq: 13 May 2022 23:09

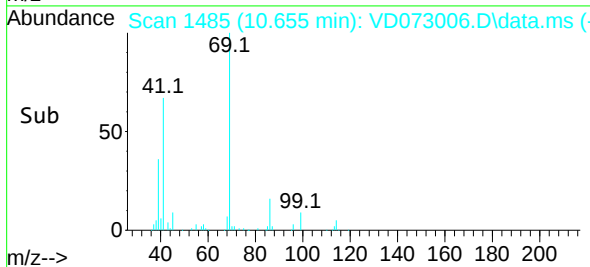
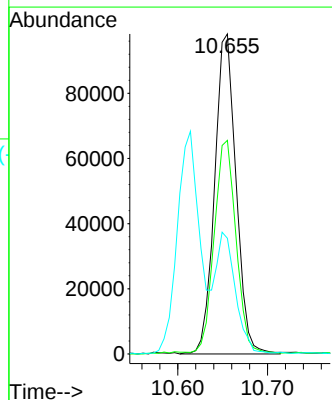
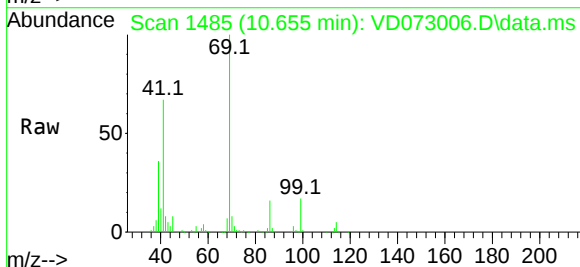
Instrument :
MSVOA_D
ClientSampleId :
P007-SS002-1824-01MSD

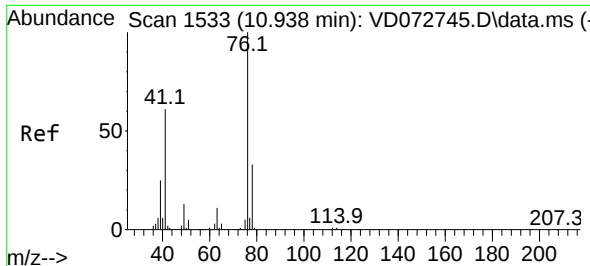
Tgt Ion:	97	Resp:	148399
Ion	Ratio	Lower	Upper
97	100		
83	86.3	69.0	103.4
85	56.0	42.6	63.8
99	64.9	51.7	77.5



#56
Ethyl methacrylate
Concen: 41.981 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD073006.D
Acq: 13 May 2022 23:09

Tgt Ion:	69	Resp:	163040
Ion	Ratio	Lower	Upper
69	100		
41	69.5	63.0	94.6
39	32.9	33.8	50.8#





#57

1,3-Dichloropropane

Concen: 45.300 ug/l

RT: 10.938 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD073006.D

Acq: 13 May 2022 23:09

Instrument :

MSVOA_D

ClientSampleId :

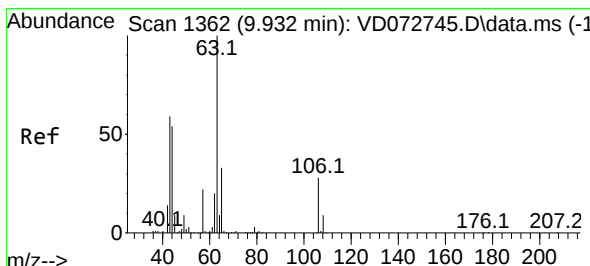
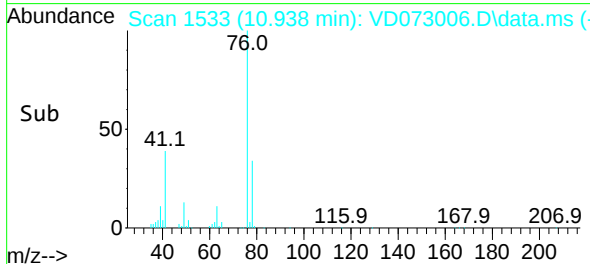
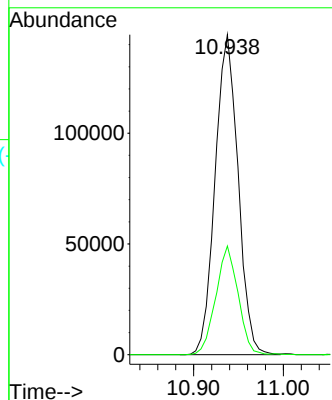
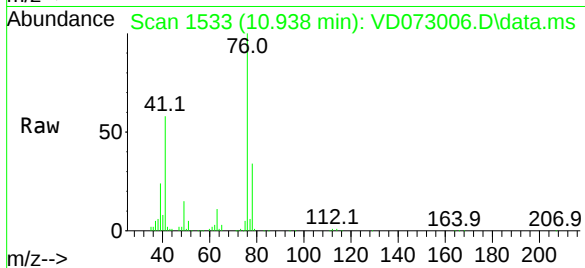
P007-SS002-1824-01MSD

Tgt Ion: 76 Resp: 256419

Ion Ratio Lower Upper

76 100

78 32.9 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 239.573 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VD073006.D

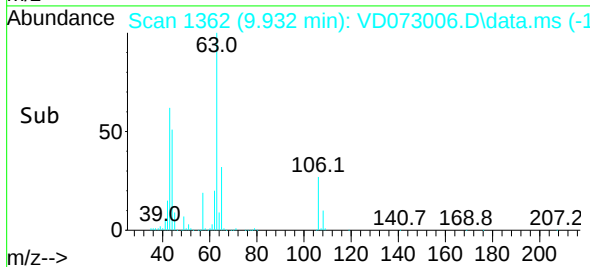
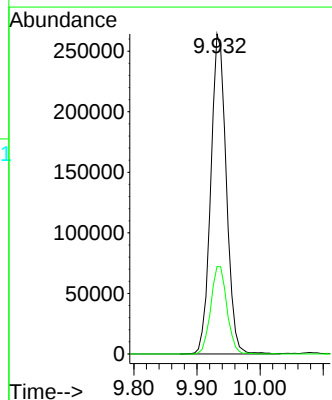
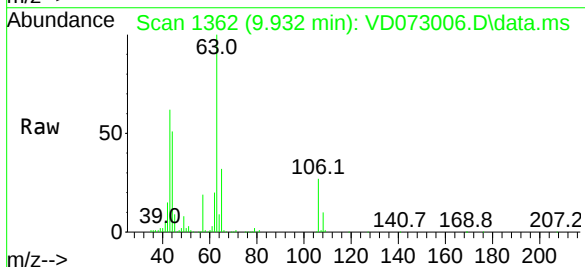
Acq: 13 May 2022 23:09

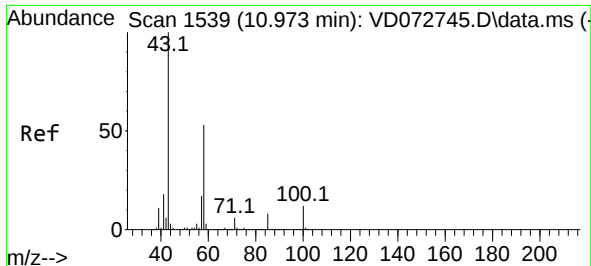
Tgt Ion: 63 Resp: 451107

Ion Ratio Lower Upper

63 100

106 28.4 21.4 32.0

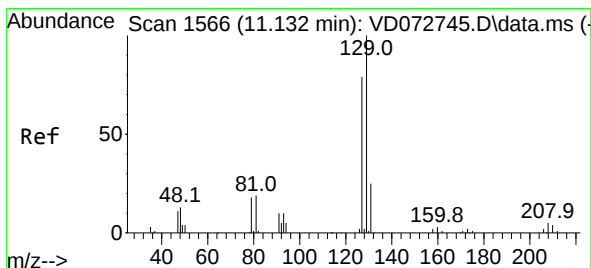
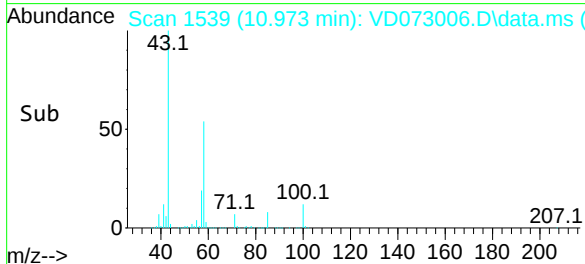
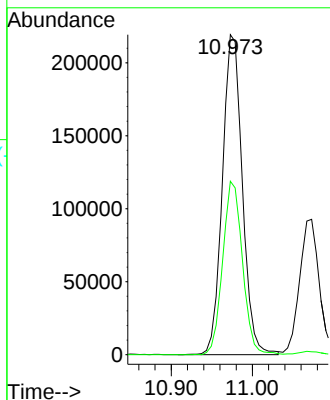
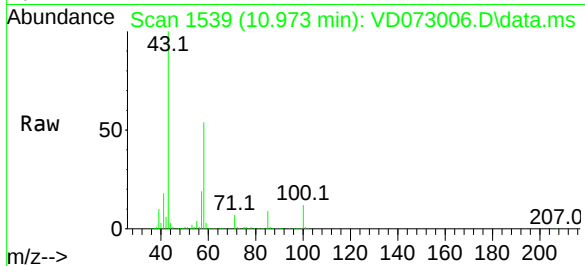




#59
2-Hexanone
Concen: 216.643 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VD073006.D
Acq: 13 May 2022 23:09

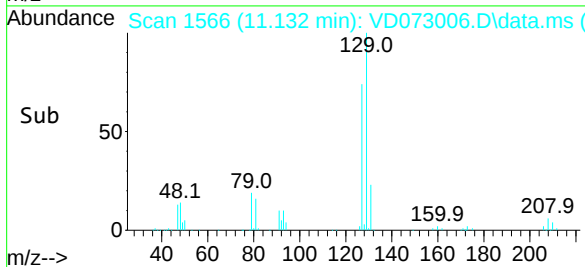
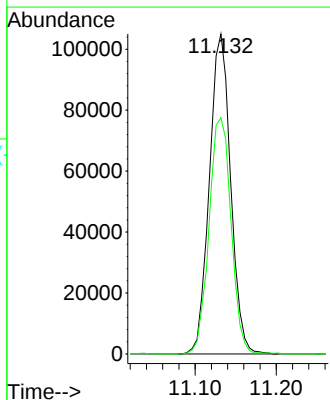
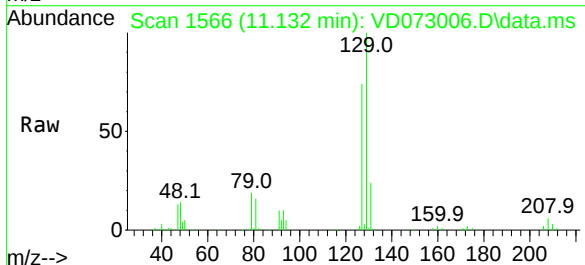
Instrument :
MSVOA_D
ClientSampleId :
P007-SS002-1824-01MSD

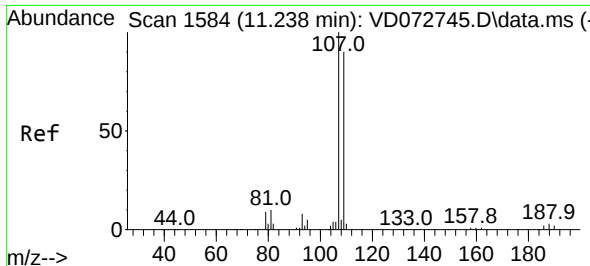
Tgt Ion: 43 Resp: 374863
Ion Ratio Lower Upper
43 100
58 53.7 25.3 75.9



#60
Dibromochloromethane
Concen: 45.927 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD073006.D
Acq: 13 May 2022 23:09

Tgt Ion:129 Resp: 190703
Ion Ratio Lower Upper
129 100
127 76.7 39.2 117.6

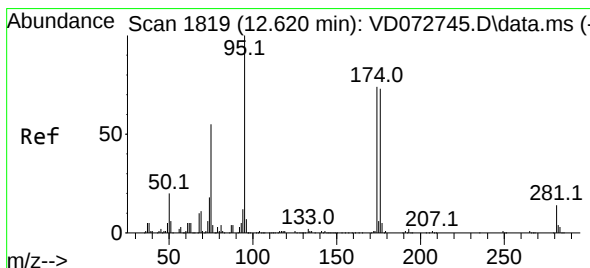
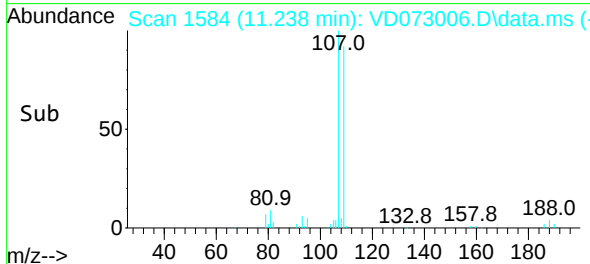
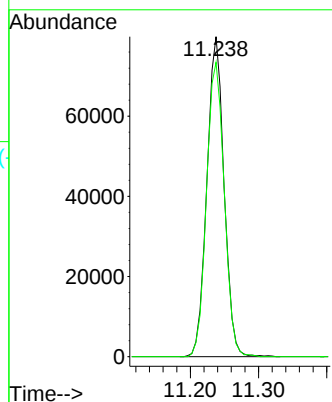
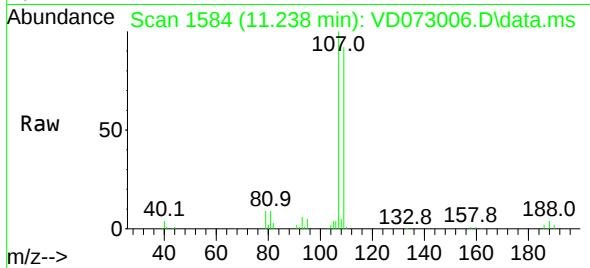




#61
1,2-Dibromoethane
Concen: 43.542 ug/l
RT: 11.238 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD073006.D
Acq: 13 May 2022 23:09

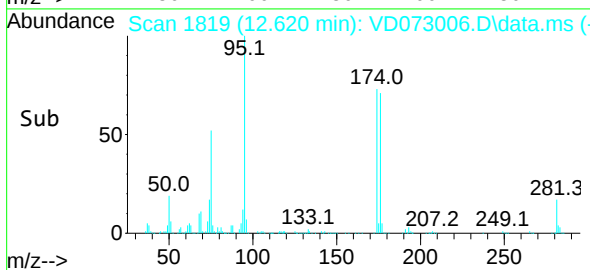
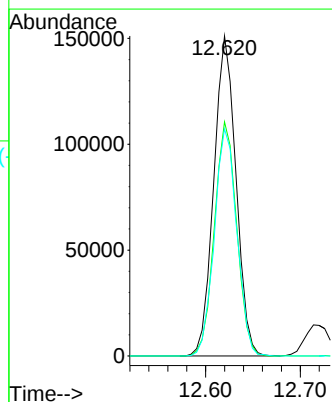
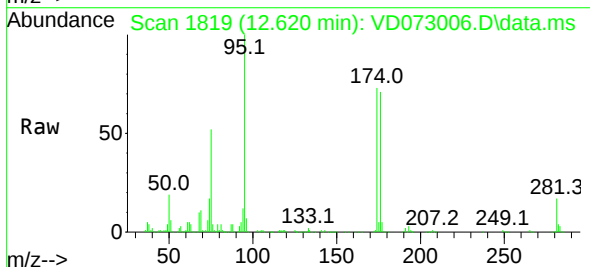
Instrument :
MSVOA_D
ClientSampleId :
P007-SS002-1824-01MSD

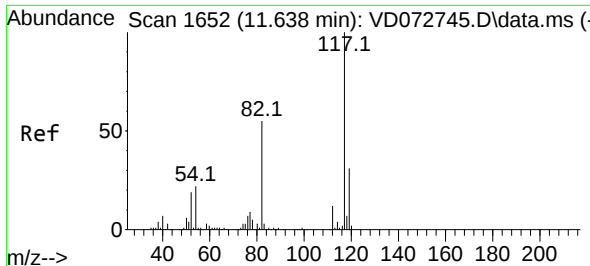
Tgt Ion:107 Resp: 139795
Ion Ratio Lower Upper
107 100
109 95.1 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 51.263 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073006.D
Acq: 13 May 2022 23:09

Tgt Ion: 95 Resp: 245940
Ion Ratio Lower Upper
95 100
174 73.5 0.0 152.8
176 71.9 0.0 145.4

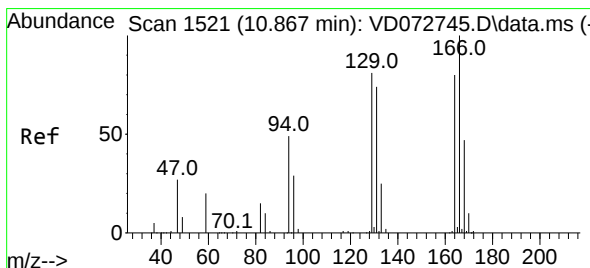
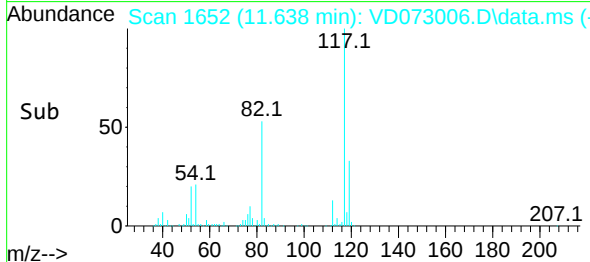
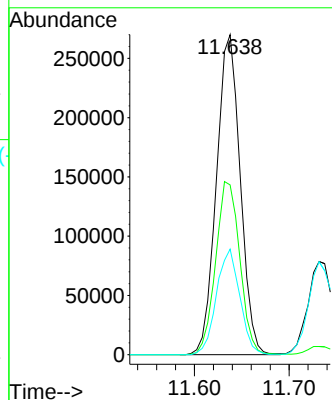
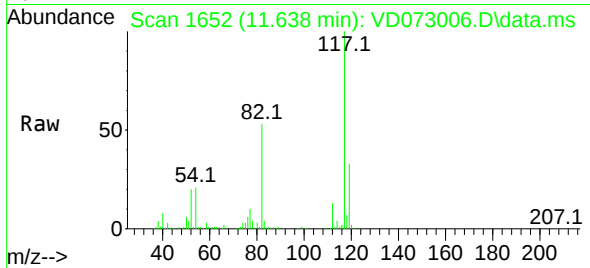




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 11652
Delta R.T. -0.000 min
Lab File: VD073006.D
Acq: 13 May 2022 23:09

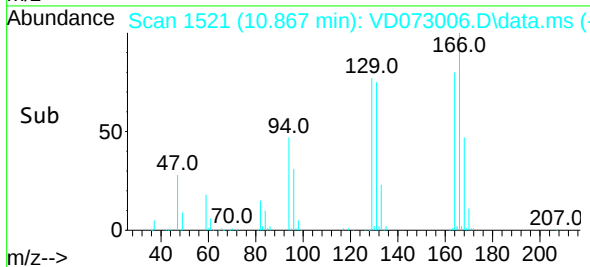
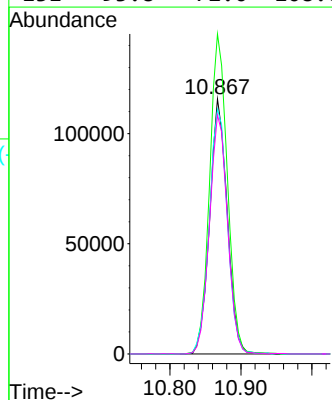
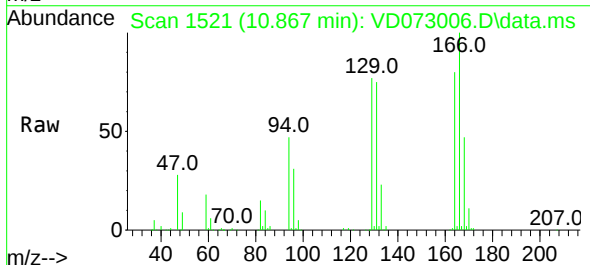
Instrument :
MSVOA_D
ClientSampleId :
P007-SS002-1824-01MSD

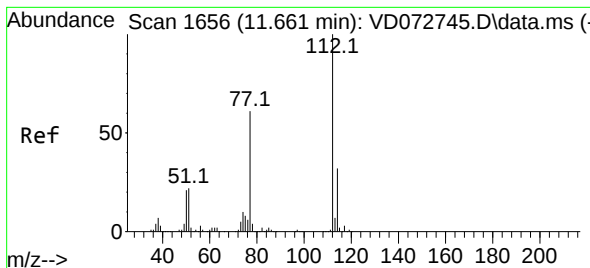
Tgt Ion:117 Resp: 472480
Ion Ratio Lower Upper
117 100
82 53.0 45.3 67.9
119 33.0 26.6 40.0



#64
Tetrachloroethene
Concen: 57.786 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VD073006.D
Acq: 13 May 2022 23:09

Tgt Ion:164 Resp: 199617
Ion Ratio Lower Upper
164 100
166 125.5 98.5 147.7
129 96.0 74.6 111.8
131 93.8 72.0 108.0





#65

Chlorobenzene

Concen: 50.222 ug/l

RT: 11.661 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD073006.D

Acq: 13 May 2022 23:09

Instrument :

MSVOA_D

ClientSampleId :

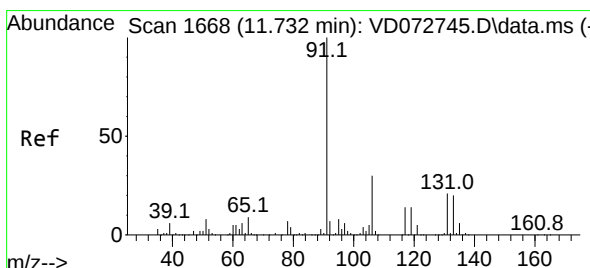
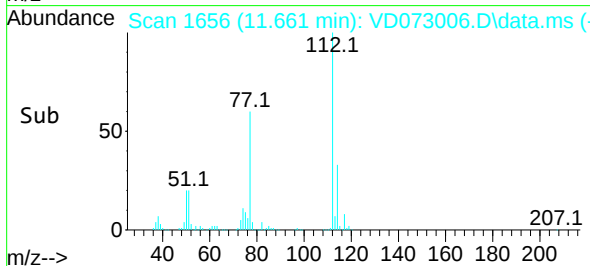
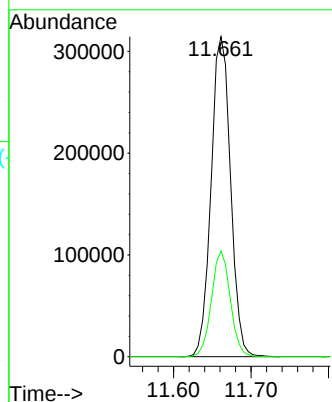
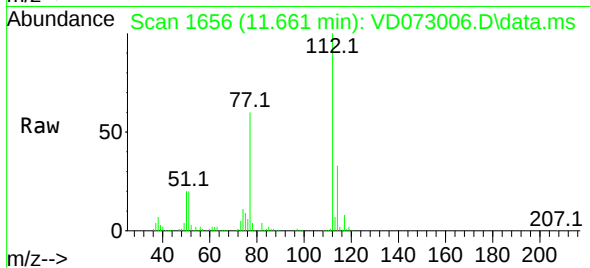
P007-SS002-1824-01MSD

Tgt Ion:112 Resp: 548835

Ion Ratio Lower Upper

112 100

114 33.1 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 51.360 ug/l

RT: 11.732 min Scan# 1668

Delta R.T. -0.000 min

Lab File: VD073006.D

Acq: 13 May 2022 23:09

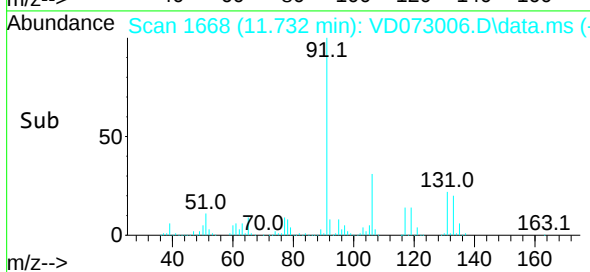
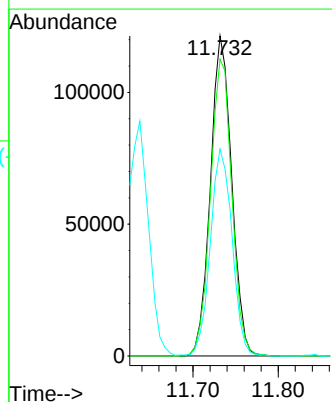
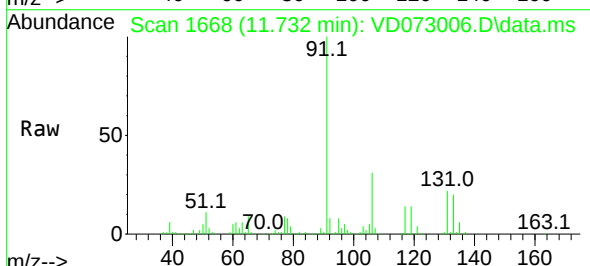
Tgt Ion:131 Resp: 210935

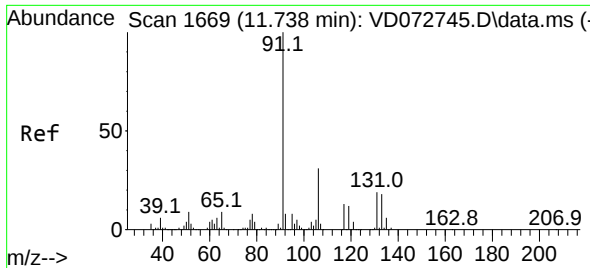
Ion Ratio Lower Upper

131 100

133 93.2 48.1 144.3

119 65.9 31.9 95.9

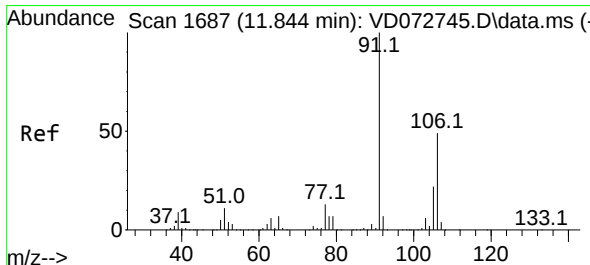
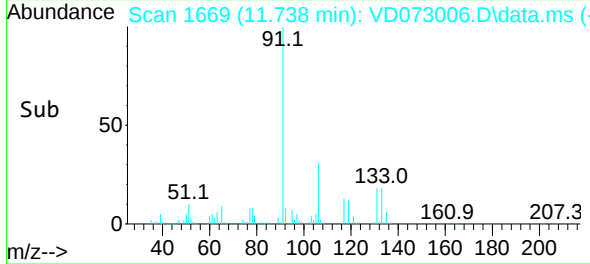
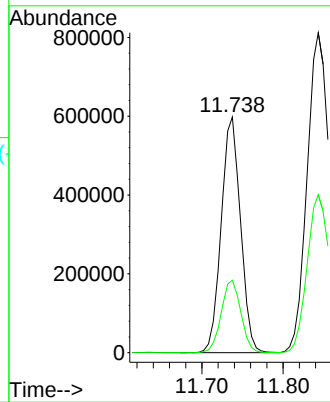
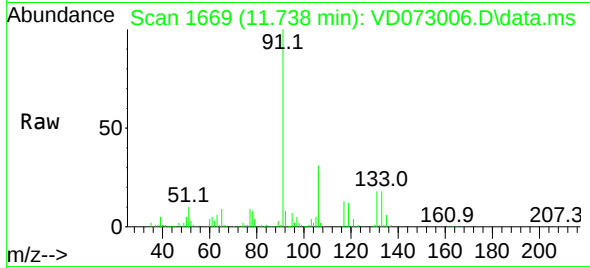




#67
Ethyl Benzene
Concen: 52.276 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD073006.D
Acq: 13 May 2022 23:09

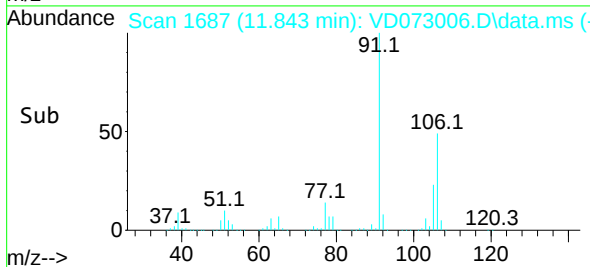
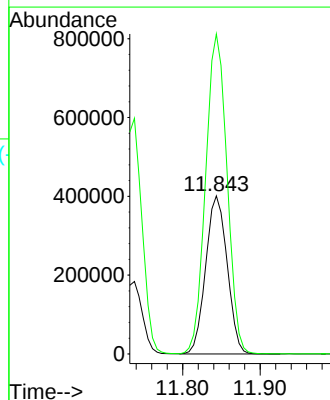
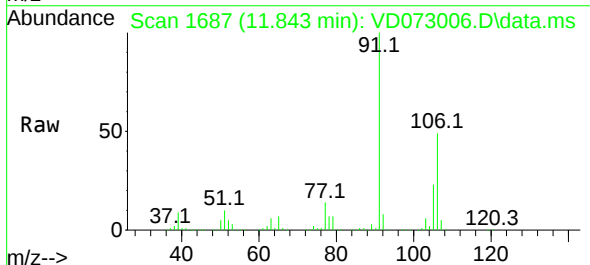
Instrument :
MSVOA_D
ClientSampleId :
P007-SS002-1824-01MSD

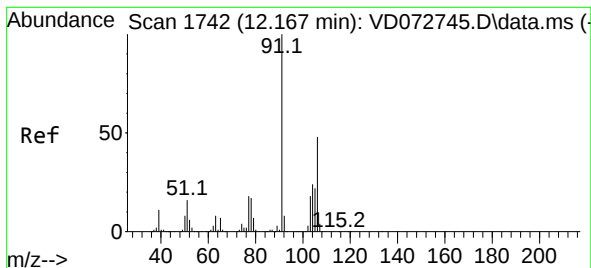
Tgt Ion: 91 Resp: 988668
Ion Ratio Lower Upper
91 100
106 30.8 24.2 36.4



#68
m/p-Xylenes
Concen: 106.076 ug/l
RT: 11.843 min Scan# 1687
Delta R.T. -0.001 min
Lab File: VD073006.D
Acq: 13 May 2022 23:09

Tgt Ion: 106 Resp: 772779
Ion Ratio Lower Upper
106 100
91 201.2 163.7 245.5





#69

o-Xylene

Concen: 53.728 ug/l

RT: 12.173 min Scan# 1743

Delta R.T. 0.006 min

Lab File: VD073006.D

Acq: 13 May 2022 23:09

Instrument :

MSVOA_D

ClientSampleId :

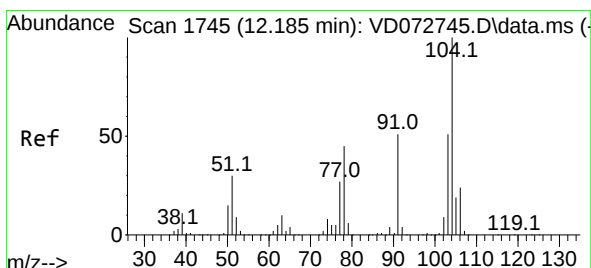
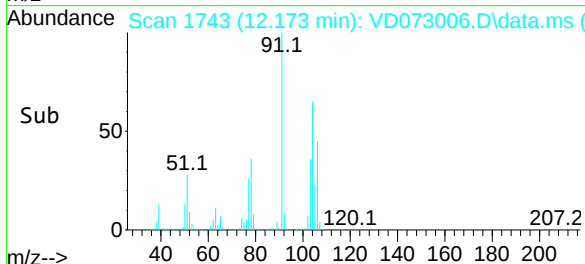
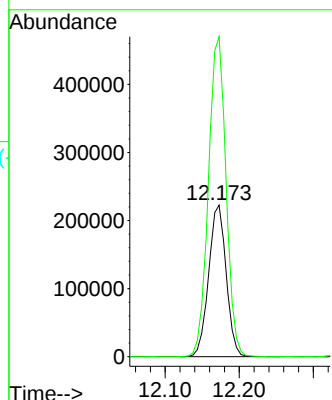
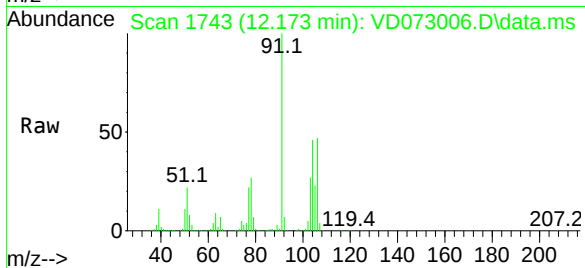
P007-SS002-1824-01MSD

Tgt Ion:106 Resp: 365554

Ion Ratio Lower Upper

106 100

91 212.2 110.4 331.2



#70

Styrene

Concen: 52.947 ug/l

RT: 12.185 min Scan# 1745

Delta R.T. -0.000 min

Lab File: VD073006.D

Acq: 13 May 2022 23:09

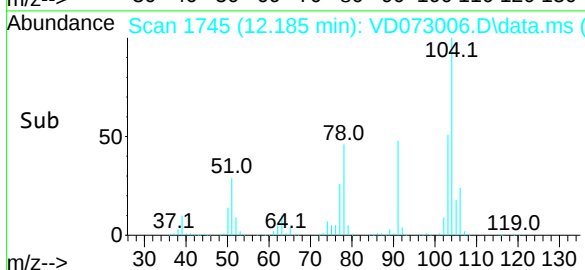
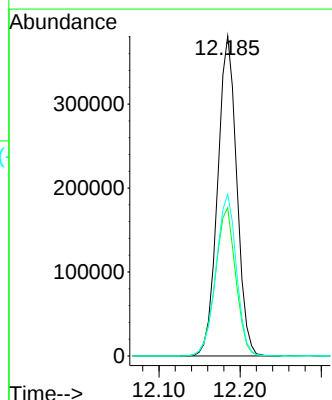
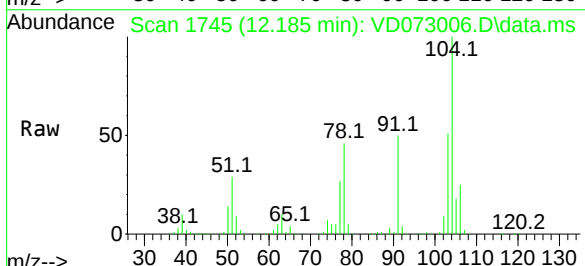
Tgt Ion:104 Resp: 624156

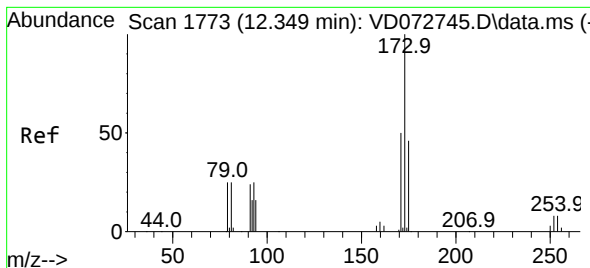
Ion Ratio Lower Upper

104 100

78 49.4 41.8 62.8

103 53.9 44.2 66.4





#71

Bromoform

Concen: 46.188 ug/l

RT: 12.349 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD073006.D

Acq: 13 May 2022 23:09

Instrument :

MSVOA_D

ClientSampleId :

P007-SS002-1824-01MSD

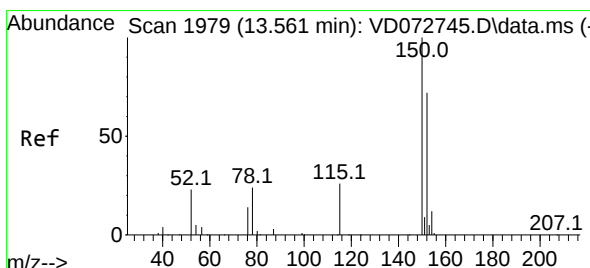
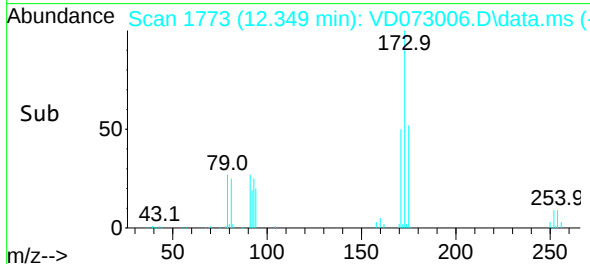
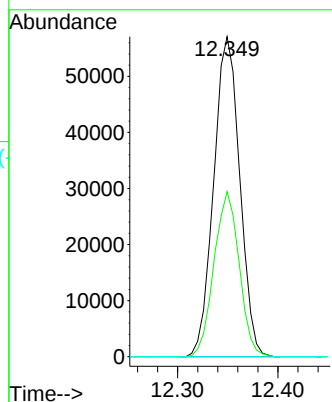
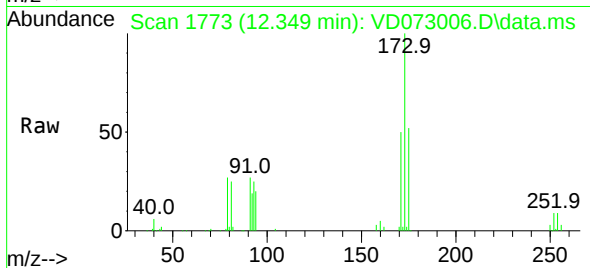
Tgt Ion:173 Resp: 102807

Ion Ratio Lower Upper

173 100

175 49.8 23.9 71.8

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.561 min Scan# 1979

Delta R.T. -0.000 min

Lab File: VD073006.D

Acq: 13 May 2022 23:09

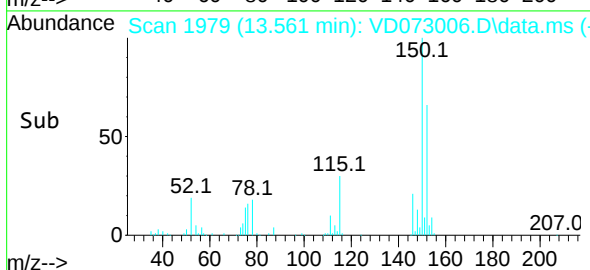
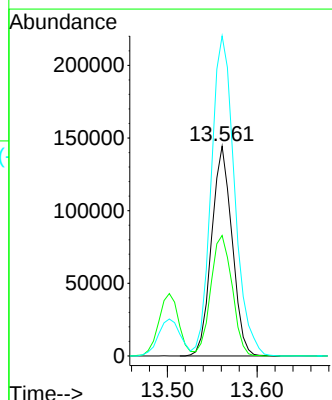
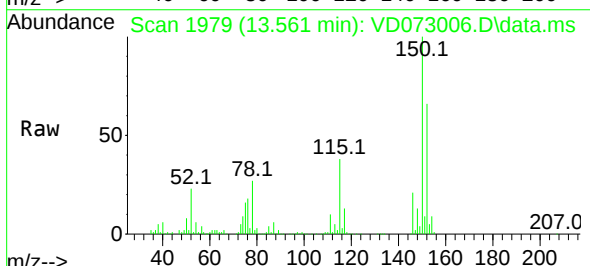
Tgt Ion:152 Resp: 228920

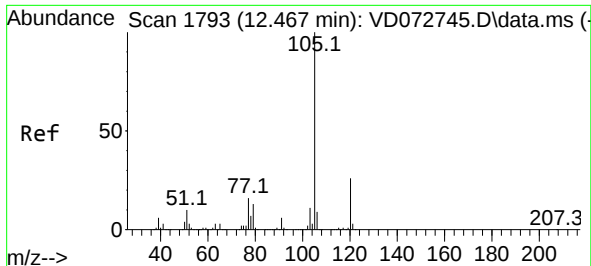
Ion Ratio Lower Upper

152 100

115 59.6 31.3 93.8

150 173.5 0.0 348.6

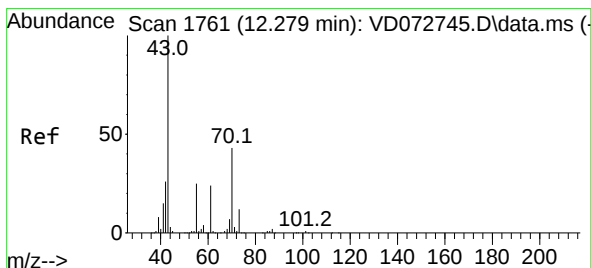
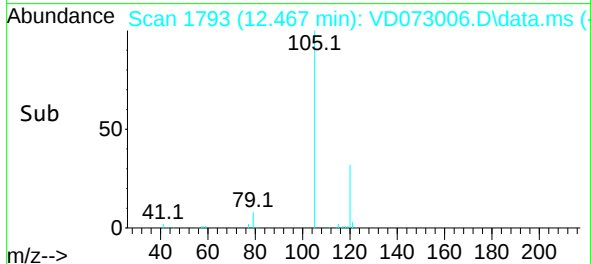
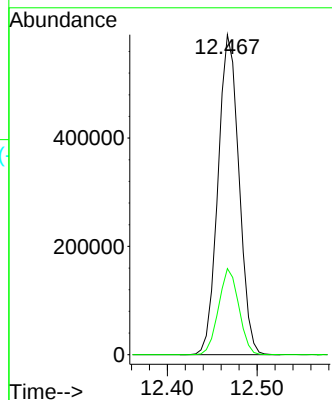
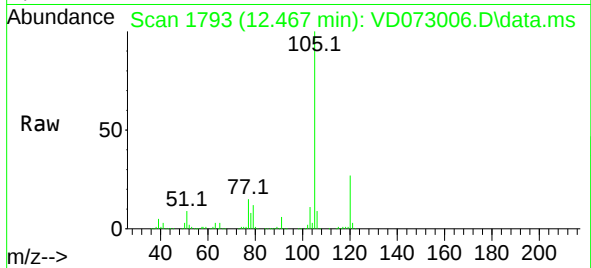




#73
Isopropylbenzene
Concen: 53.760 ug/l
RT: 12.467 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD073006.D
Acq: 13 May 2022 23:09

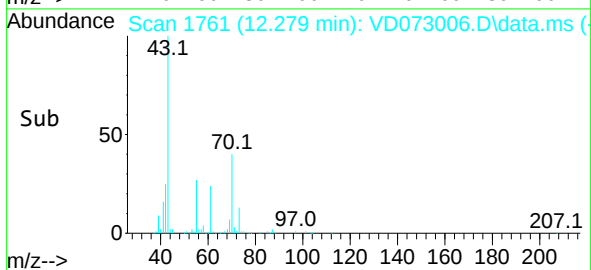
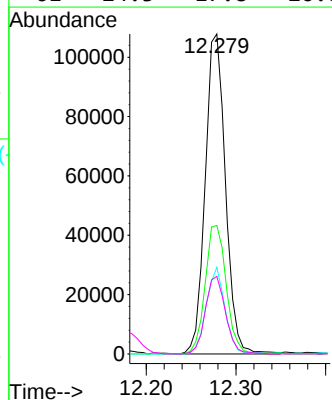
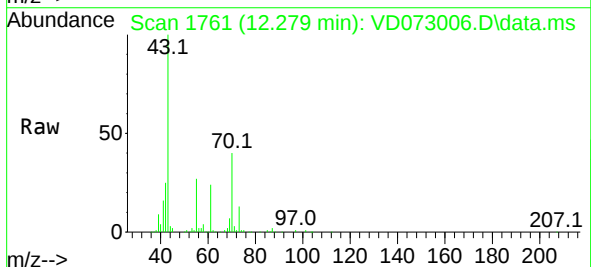
Instrument :
MSVOA_D
ClientSampleId :
P007-SS002-1824-01MSD

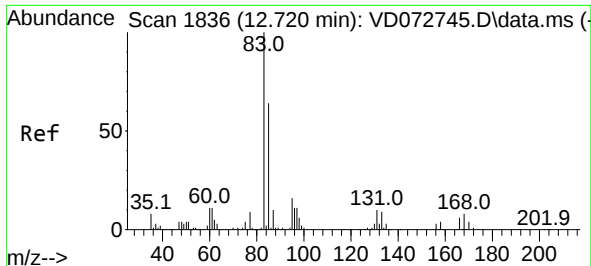
Tgt Ion:105 Resp: 957504
Ion Ratio Lower Upper
105 100
120 26.0 13.0 38.9



#74
N-ethyl acetate
Concen: 38.135 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD073006.D
Acq: 13 May 2022 23:09

Tgt Ion: 43 Resp: 169144
Ion Ratio Lower Upper
43 100
70 42.0 31.3 46.9
55 25.2 20.0 30.0
61 24.3 17.8 26.8

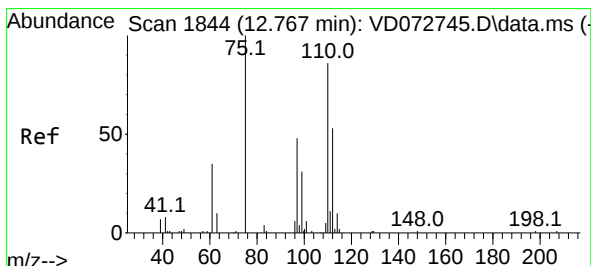
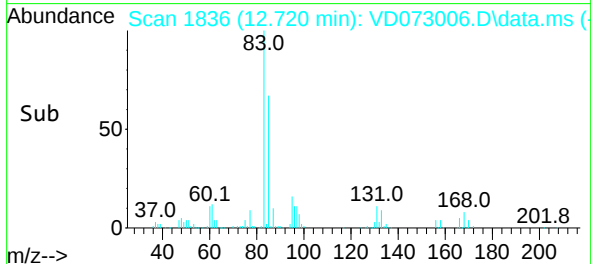
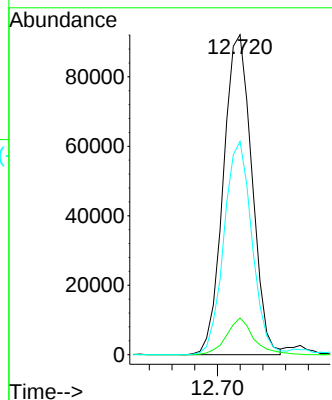
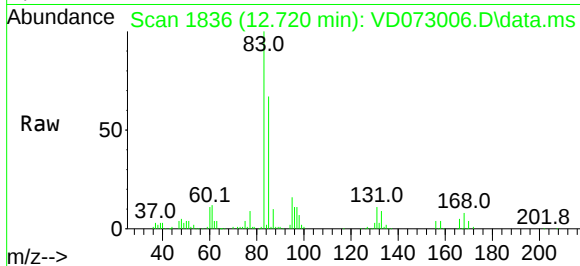




#75
1,1,2,2-Tetrachloroethane
Concen: 44.685 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VD073006.D
Acq: 13 May 2022 23:09

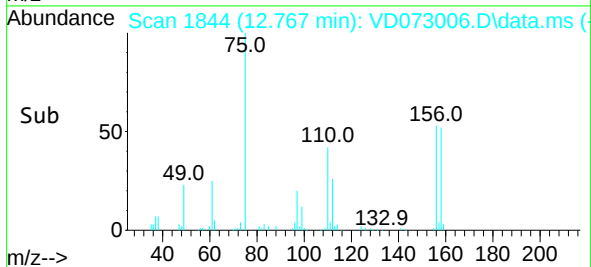
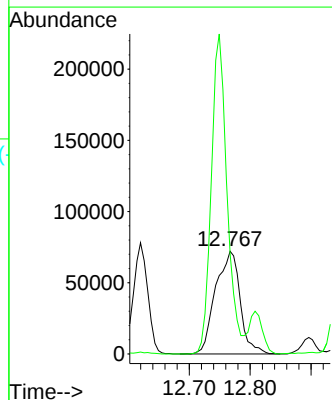
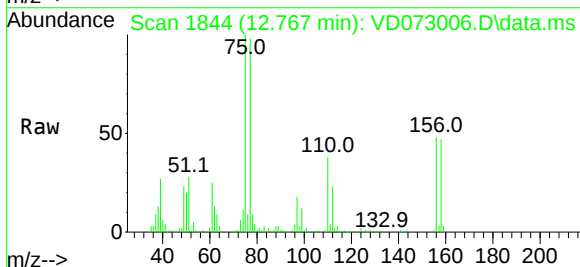
Instrument : MSVOA_D
ClientSampleId : P007-SS002-1824-01MSD

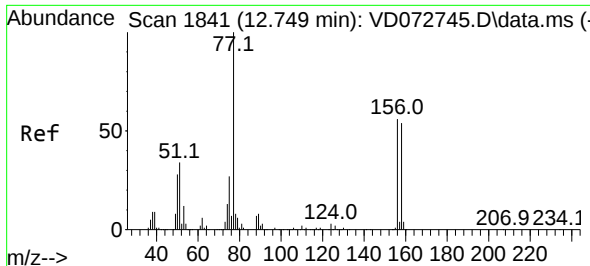
Tgt Ion: 83 Resp: 160657
Ion Ratio Lower Upper
83 100
131 10.9 5.0 14.9
85 65.6 32.6 98.0



#76
1,2,3-Trichloropropane
Concen: 79.246 ug/l
RT: 12.767 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VD073006.D
Acq: 13 May 2022 23:09

Tgt Ion: 75 Resp: 202284
Ion Ratio Lower Upper
75 100
77 200.6 0.0 0.0#

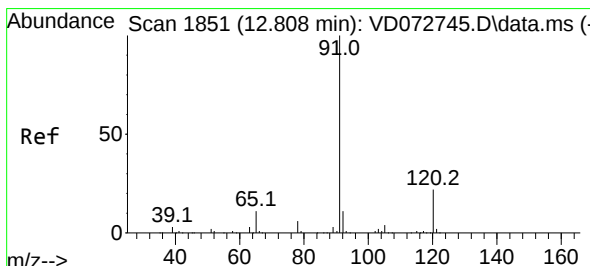
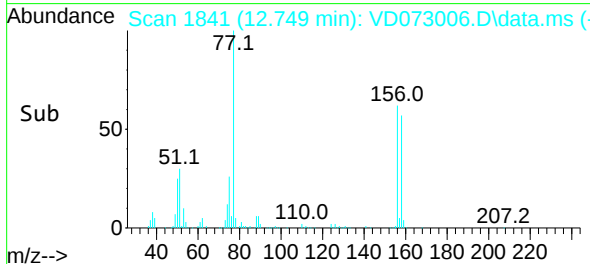
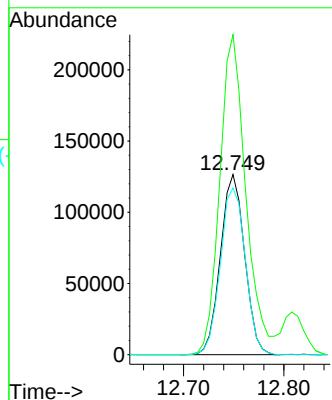
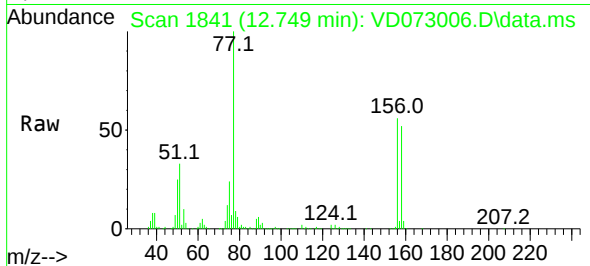




#77
Bromobenzene
Concen: 50.064 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD073006.D
Acq: 13 May 2022 23:09

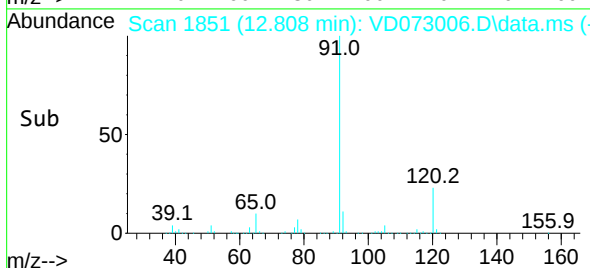
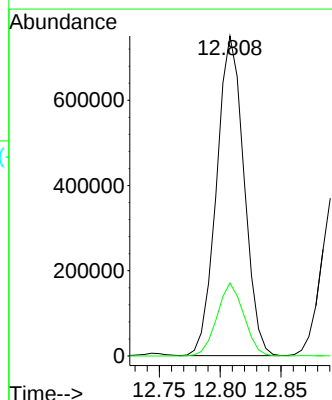
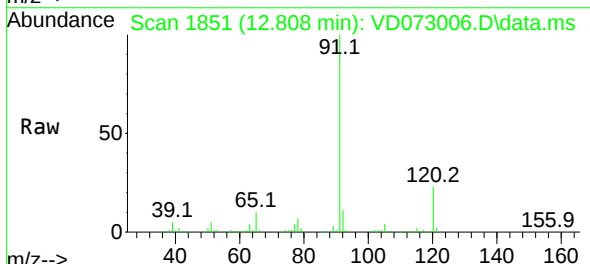
Instrument :
MSVOA_D
ClientSampleId :
P007-SS002-1824-01MSD

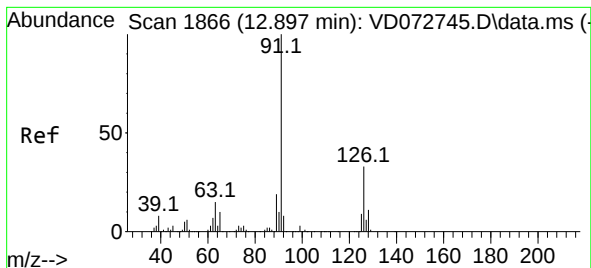
Tgt Ion:156 Resp: 211738
Ion Ratio Lower Upper
156 100
77 191.6 102.8 308.3
158 95.6 48.7 146.1



#78
n-propylbenzene
Concen: 52.359 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD073006.D
Acq: 13 May 2022 23:09

Tgt Ion: 91 Resp: 1175334
Ion Ratio Lower Upper
91 100
120 22.3 10.9 32.9





#79

2-Chlorotoluene

Concen: 51.040 ug/l

RT: 12.896 min Scan# 1866

Delta R.T. -0.001 min

Lab File: VD073006.D

Acq: 13 May 2022 23:09

Instrument :

MSVOA_D

ClientSampleId :

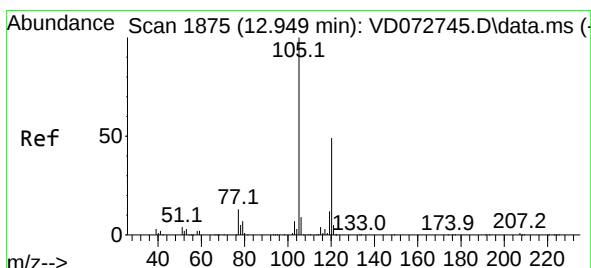
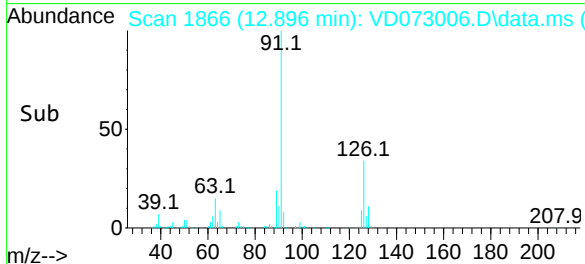
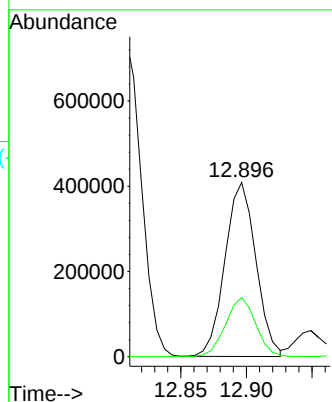
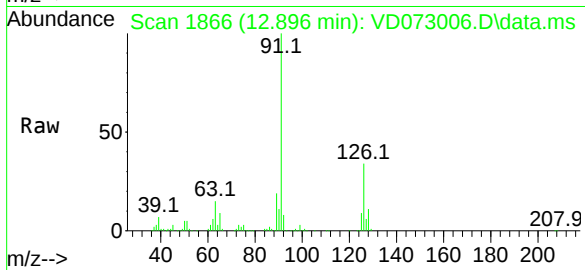
P007-SS002-1824-01MSD

Tgt Ion: 91 Resp: 669272

Ion Ratio Lower Upper

91 100

126 33.2 16.2 48.6



#80

1,3,5-Trimethylbenzene

Concen: 53.288 ug/l

RT: 12.949 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VD073006.D

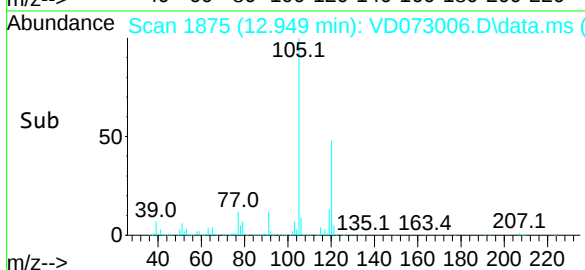
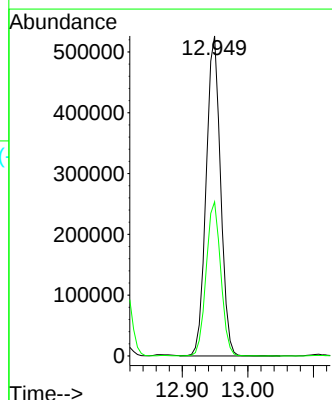
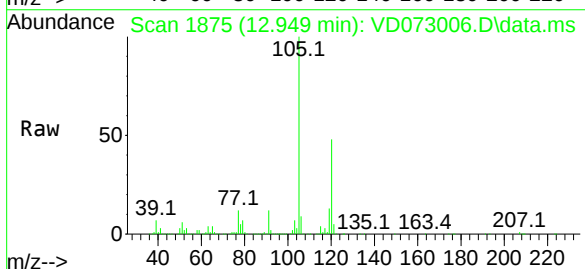
Acq: 13 May 2022 23:09

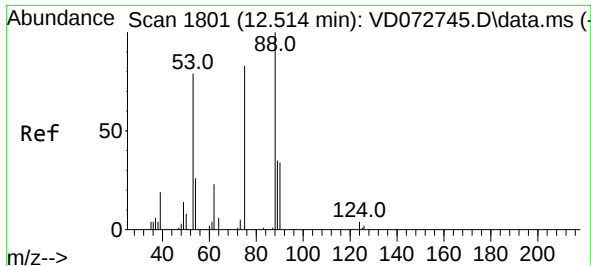
Tgt Ion:105 Resp: 804763

Ion Ratio Lower Upper

105 100

120 48.8 24.3 72.8

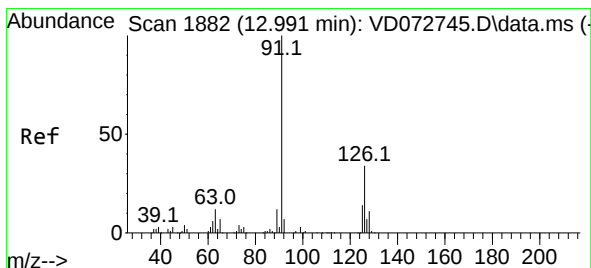
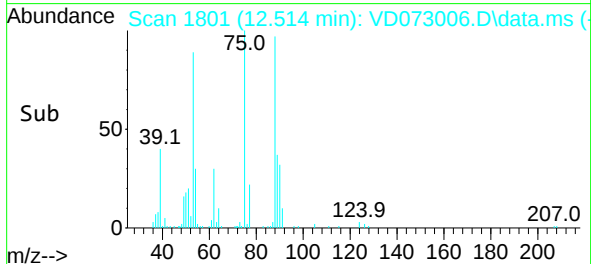
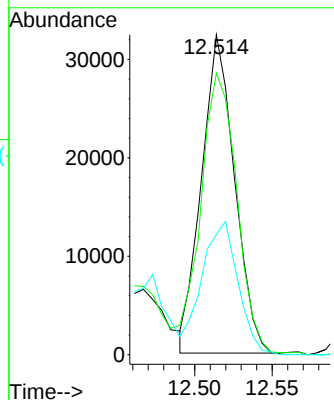
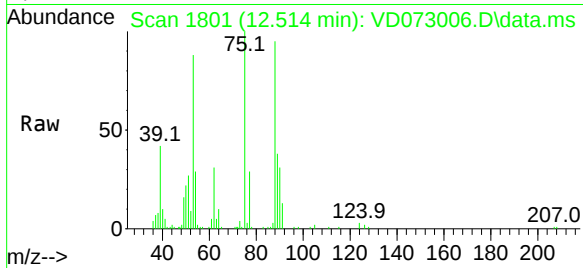




#81
trans-1,4-Dichloro-2-butene
Concen: 43.161 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. -0.000 min
Lab File: VD073006.D
Acq: 13 May 2022 23:09

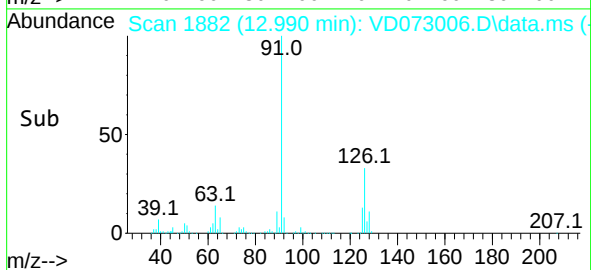
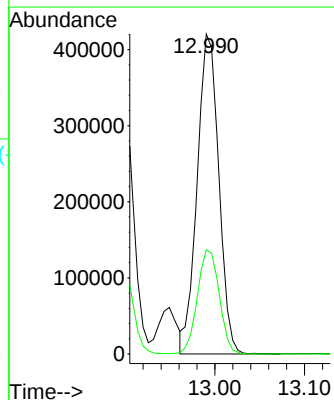
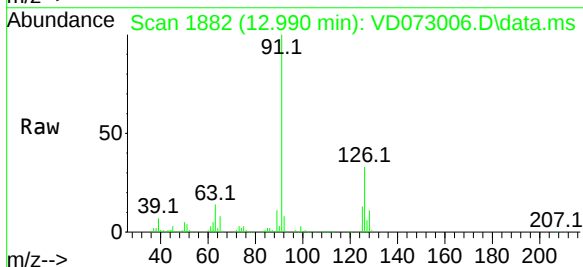
Instrument :
MSVOA_D
ClientSampleId :
P007-SS002-1824-01MSD

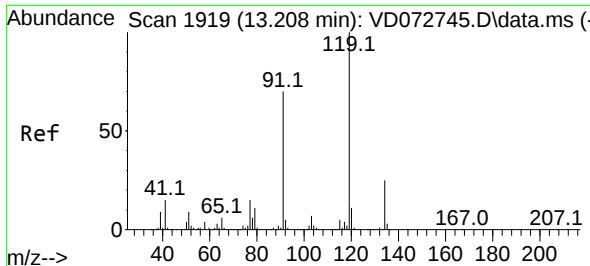
Tgt Ion: 75 Resp: 47910
Ion Ratio Lower Upper
75 100
53 98.5 86.5 129.7
89 45.9 33.9 50.9



#82
4-Chlorotoluene
Concen: 51.247 ug/l
RT: 12.990 min Scan# 1882
Delta R.T. -0.001 min
Lab File: VD073006.D
Acq: 13 May 2022 23:09

Tgt Ion: 91 Resp: 702119
Ion Ratio Lower Upper
91 100
126 32.9 16.5 49.5

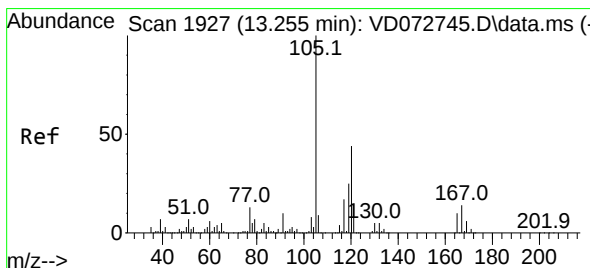
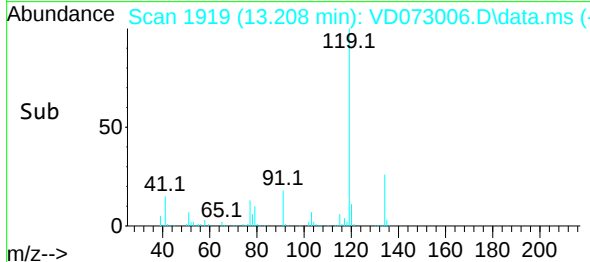
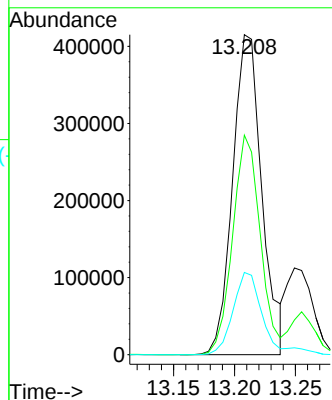
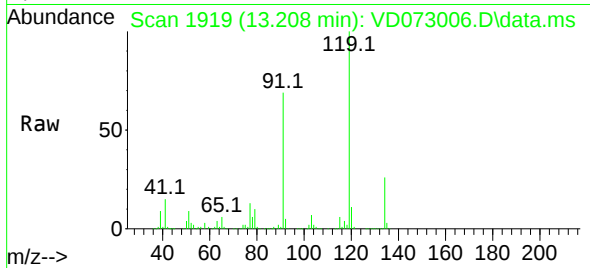




#83
 tert-Butylbenzene
 Concen: 53.990 ug/l
 RT: 13.208 min Scan# 1919
 Delta R.T. 0.000 min
 Lab File: VD073006.D
 Acq: 13 May 2022 23:09

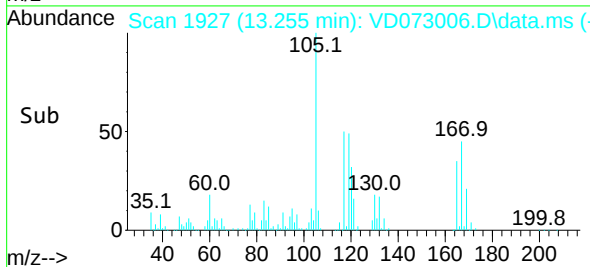
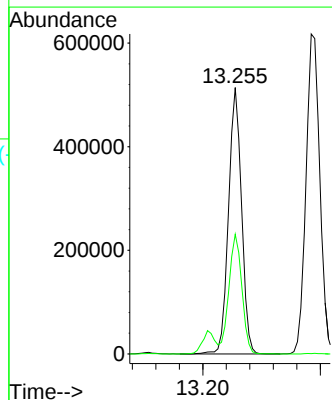
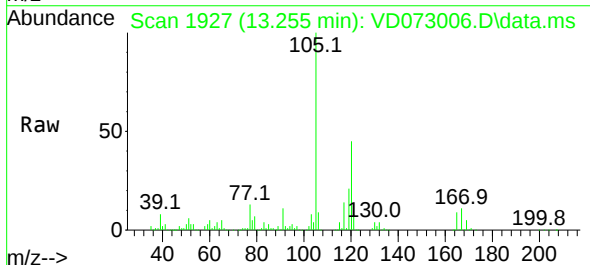
Instrument :
 MSVOA_D
 ClientSampleId :
 P007-SS002-1824-01MSD

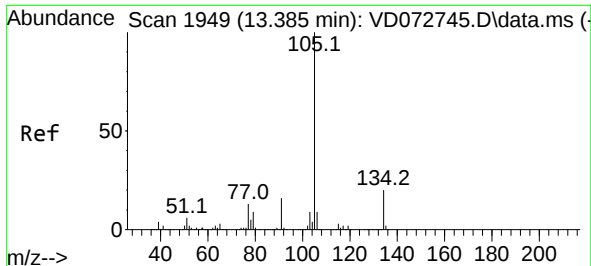
Tgt Ion:119 Resp: 693208
 Ion Ratio Lower Upper
 119 100
 91 65.0 34.8 104.5
 134 26.2 13.3 39.9



#84
 1,2,4-Trimethylbenzene
 Concen: 52.259 ug/l
 RT: 13.255 min Scan# 1927
 Delta R.T. 0.000 min
 Lab File: VD073006.D
 Acq: 13 May 2022 23:09

Tgt Ion:105 Resp: 788889
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.3 66.8

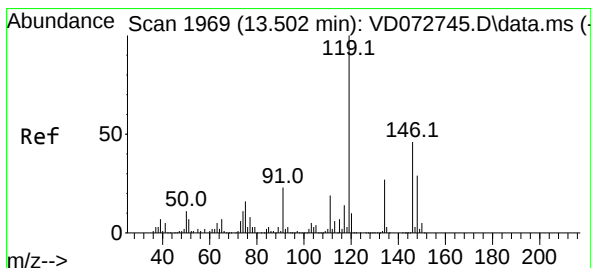
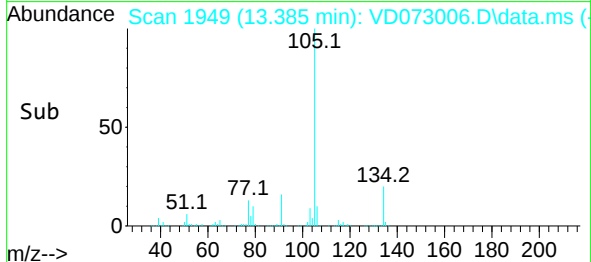
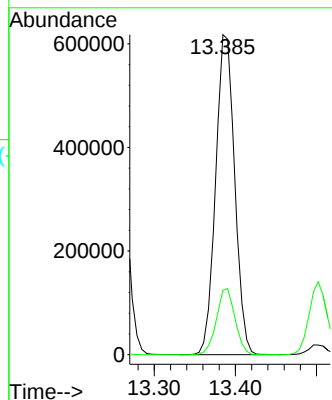
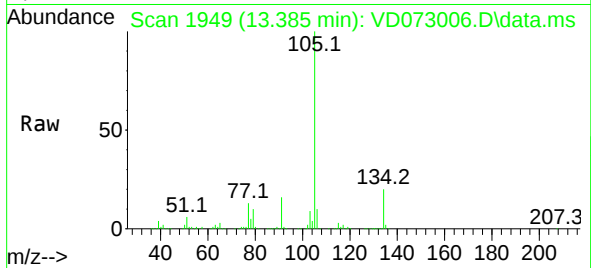




#85
 sec-Butylbenzene
 Concen: 52.032 ug/l
 RT: 13.385 min Scan# 1949
 Delta R.T. -0.000 min
 Lab File: VD073006.D
 Acq: 13 May 2022 23:09

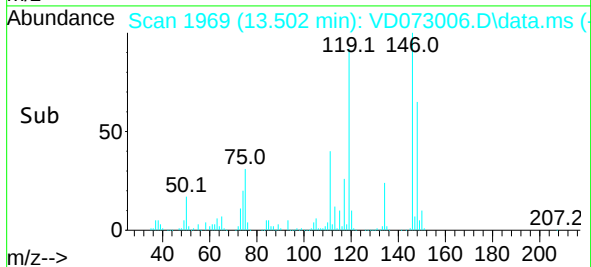
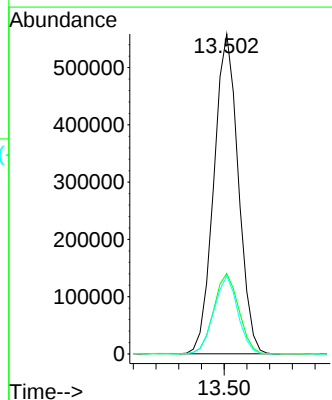
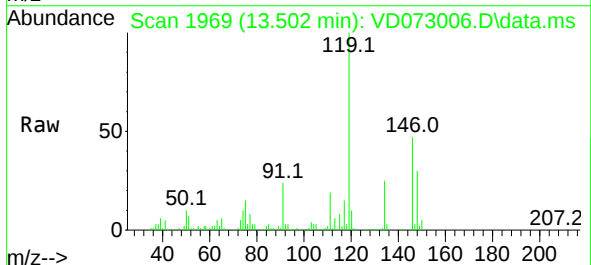
Instrument :
 MSVOA_D
 ClientSampleId :
 P007-SS002-1824-01MSD

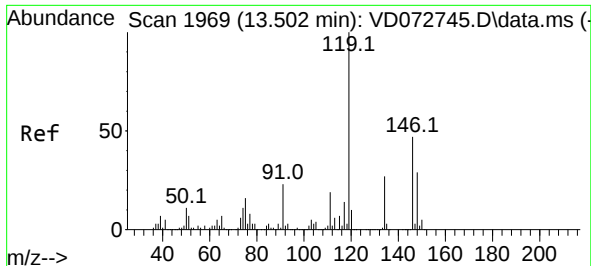
Tgt Ion:105 Resp: 1007595
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 52.560 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD073006.D
 Acq: 13 May 2022 23:09

Tgt Ion:119 Resp: 834501
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.9 38.6
 91 23.7 12.1 36.3

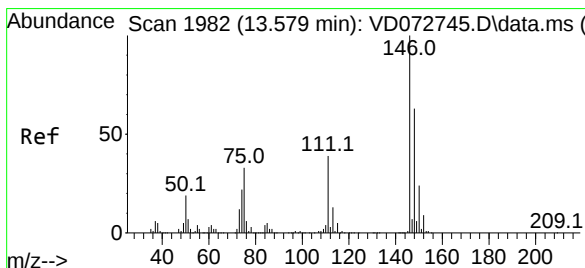
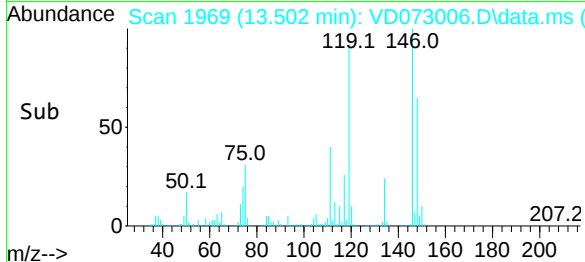
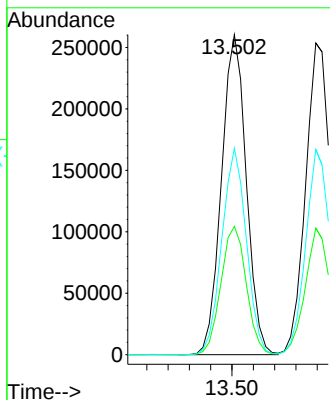
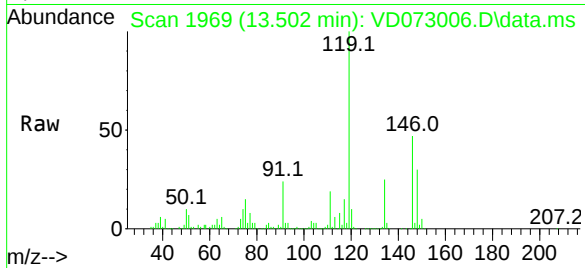




#87
1,3-Dichlorobenzene
Concen: 49.429 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD073006.D
Acq: 13 May 2022 23:09

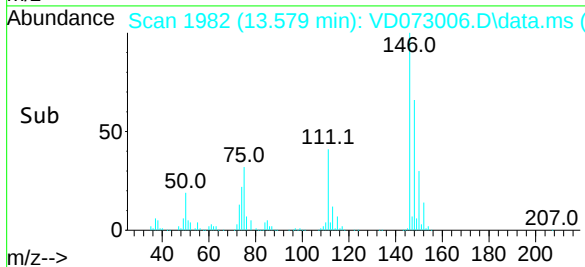
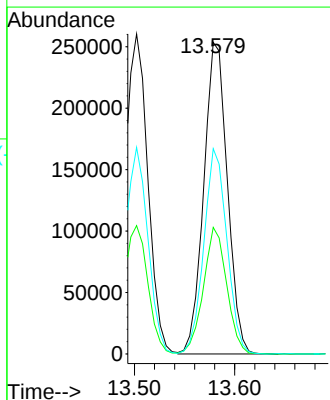
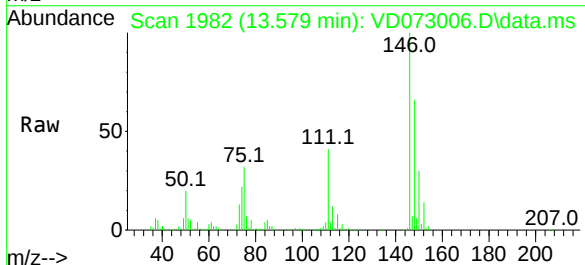
Instrument : MSVOA_D
ClientSampleId : P007-SS002-1824-01MSD

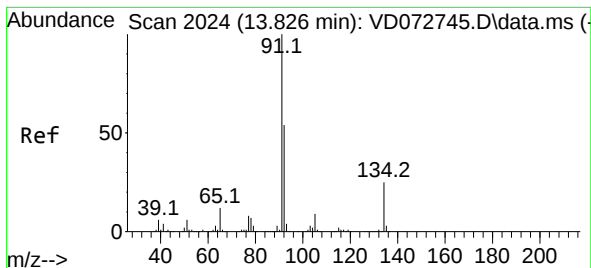
Tgt Ion:146 Resp: 421139
Ion Ratio Lower Upper
146 100
111 41.0 20.4 61.3
148 63.8 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 49.017 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. -0.000 min
Lab File: VD073006.D
Acq: 13 May 2022 23:09

Tgt Ion:146 Resp: 415891
Ion Ratio Lower Upper
146 100
111 40.1 20.3 60.9
148 64.3 31.7 95.1





#89

n-Butylbenzene

Concen: 50.645 ug/l

RT: 13.826 min Scan# 20

Delta R.T. -0.000 min

Lab File: VD073006.D

Acq: 13 May 2022 23:09

Instrument :

MSVOA_D

ClientSampleId :

P007-SS002-1824-01MSD

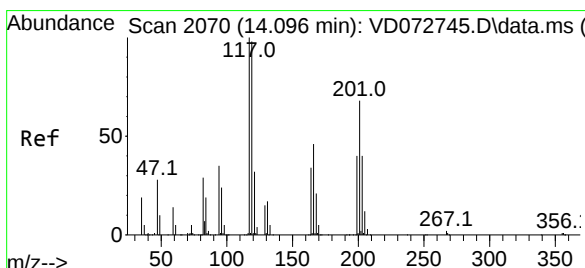
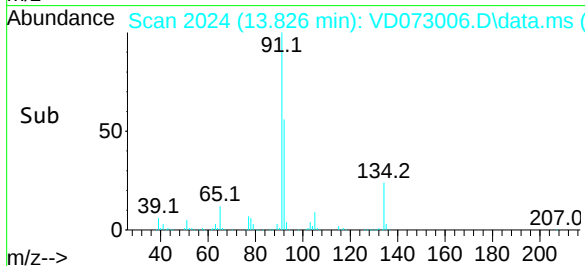
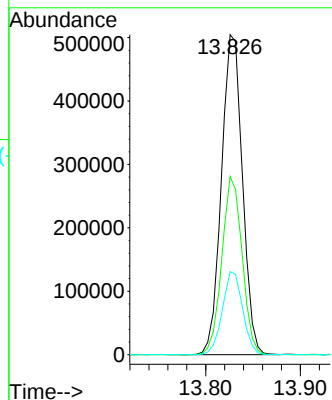
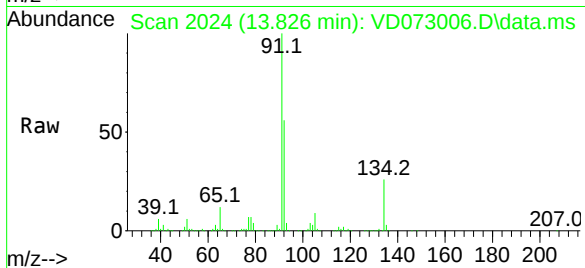
Tgt Ion: 91 Resp: 778935

Ion Ratio Lower Upper

91 100

92 53.7 26.6 79.8

134 25.1 12.3 36.9



#90

Hexachloroethane

Concen: 51.121 ug/l

RT: 14.096 min Scan# 2070

Delta R.T. 0.000 min

Lab File: VD073006.D

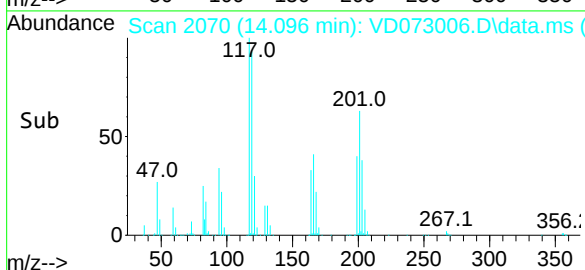
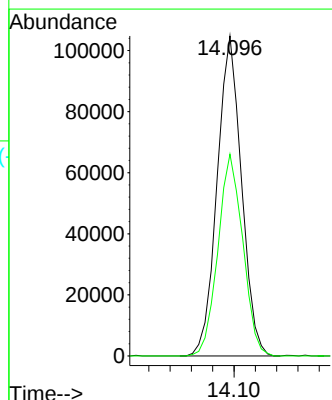
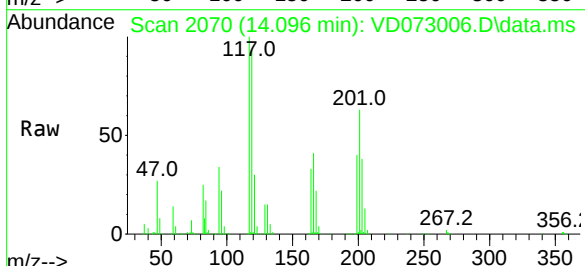
Acq: 13 May 2022 23:09

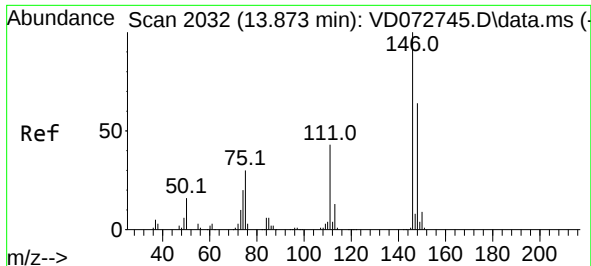
Tgt Ion: 117 Resp: 166275

Ion Ratio Lower Upper

117 100

201 64.2 33.4 100.2

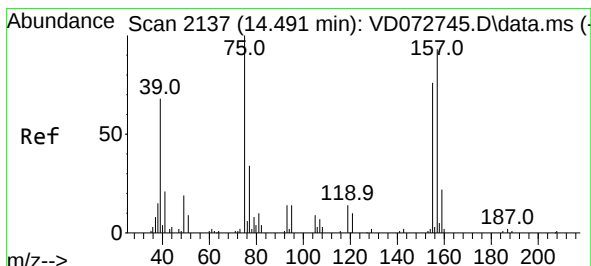
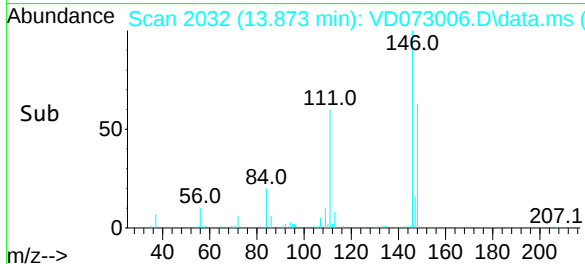
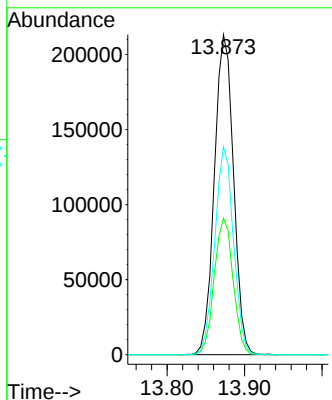
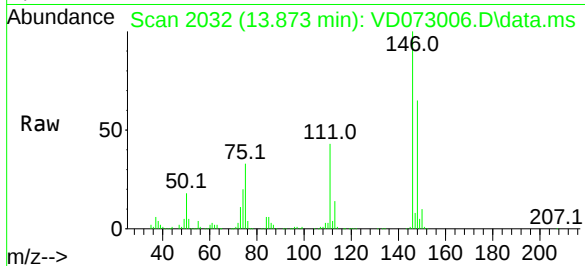




#91
1,2-Dichlorobenzene
Concen: 49.245 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD073006.D
Acq: 13 May 2022 23:09

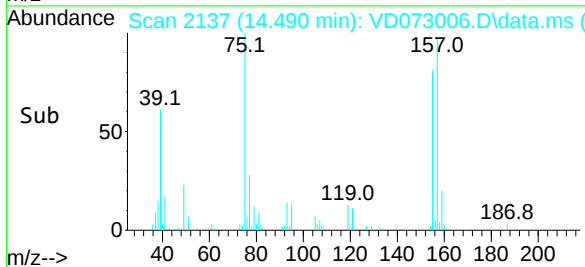
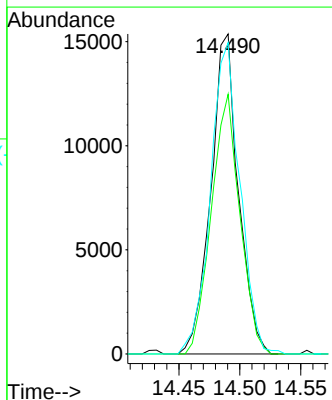
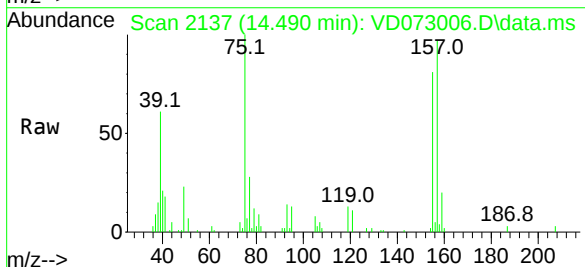
Instrument :
MSVOA_D
ClientSampleId :
P007-SS002-1824-01MSD

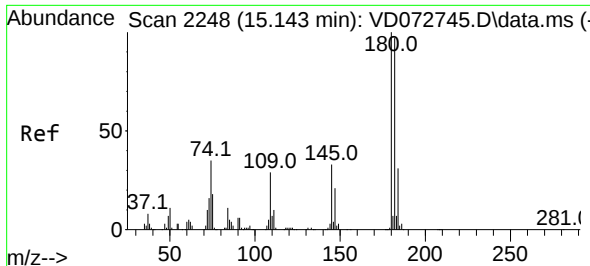
Tgt Ion:146 Resp: 365665
Ion Ratio Lower Upper
146 100
111 42.0 21.1 63.3
148 63.7 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 42.537 ug/l
RT: 14.490 min Scan# 2137
Delta R.T. -0.001 min
Lab File: VD073006.D
Acq: 13 May 2022 23:09

Tgt Ion: 75 Resp: 24243
Ion Ratio Lower Upper
75 100
155 83.8 36.8 110.3
157 103.7 48.4 145.0

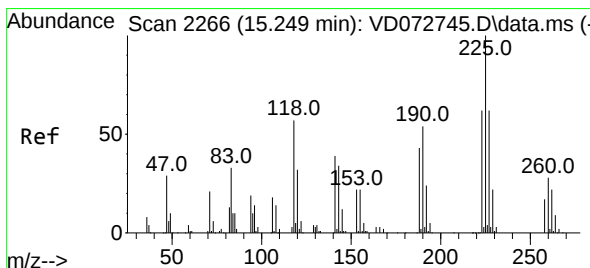
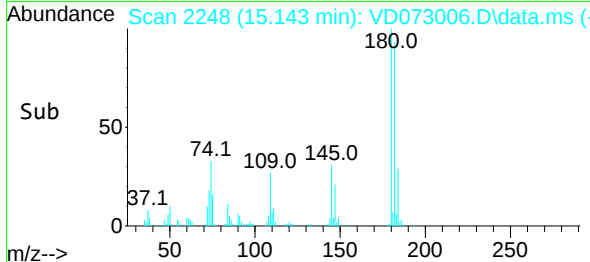
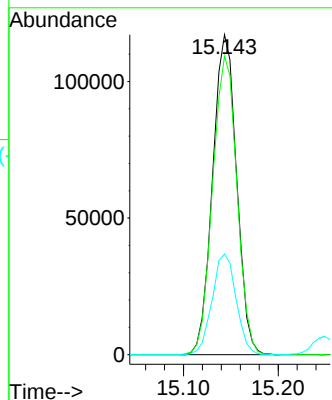
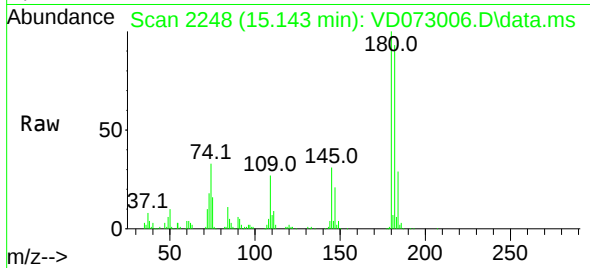




#93
1,2,4-Trichlorobenzene
Concen: 46.760 ug/l
RT: 15.143 min Scan# 211
Delta R.T. 0.000 min
Lab File: VD073006.D
Acq: 13 May 2022 23:09

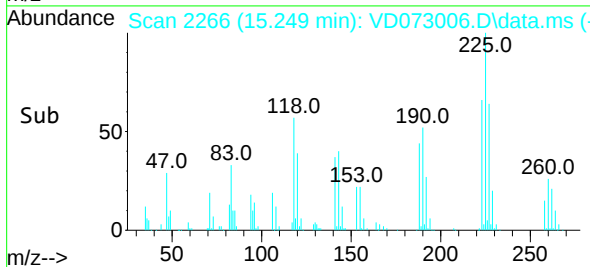
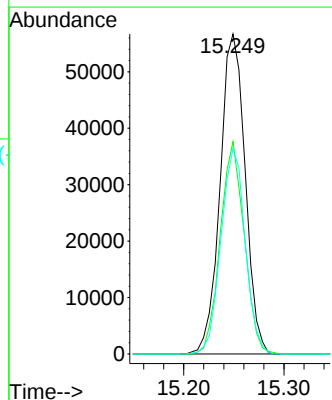
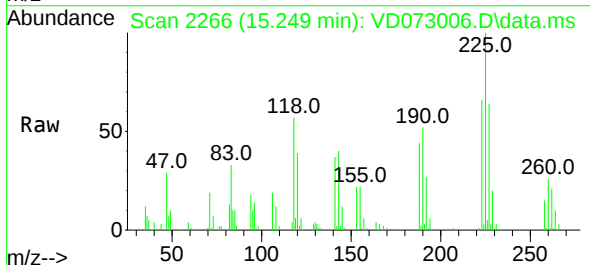
Instrument :
MSVOA_D
ClientSampleId :
P007-SS002-1824-01MSD

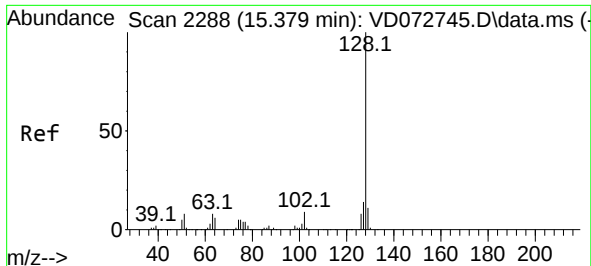
Tgt Ion:180 Resp: 205626
Ion Ratio Lower Upper
180 100
182 94.9 47.3 142.0
145 31.5 16.2 48.5



#94
Hexachlorobutadiene
Concen: 40.839 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. 0.000 min
Lab File: VD073006.D
Acq: 13 May 2022 23:09

Tgt Ion:225 Resp: 98080
Ion Ratio Lower Upper
225 100
223 63.4 31.1 93.2
227 62.2 32.4 97.0

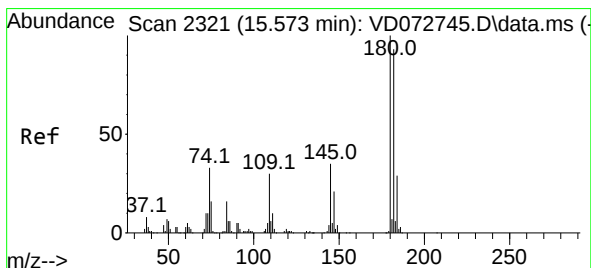
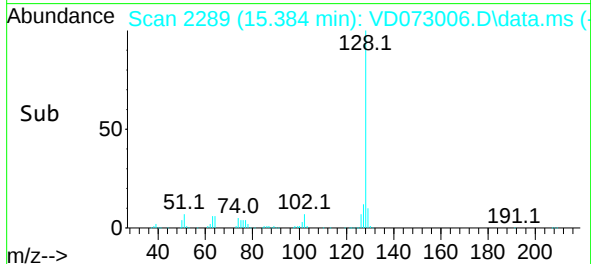
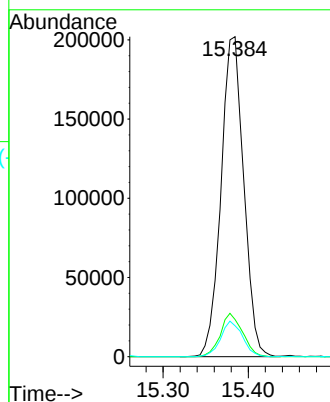
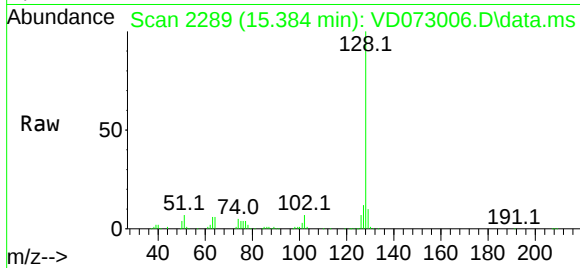




#95
Naphthalene
Concen: 46.210 ug/l
RT: 15.384 min Scan# 21
Delta R.T. 0.005 min
Lab File: VD073006.D
Acq: 13 May 2022 23:09

Instrument :
MSVOA_D
ClientSampleId :
P007-SS002-1824-01MSD

Tgt Ion:128 Resp: 373613
Ion Ratio Lower Upper
128 100
127 13.3 10.3 15.5
129 10.7 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 45.364 ug/l
RT: 15.573 min Scan# 2321
Delta R.T. -0.000 min
Lab File: VD073006.D
Acq: 13 May 2022 23:09

Tgt Ion:180 Resp: 176839
Ion Ratio Lower Upper
180 100
182 92.9 47.6 142.9
145 33.4 17.1 51.3

