

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073124\
 Data File : VD079525.D
 Acq On : 01 Aug 2024 06:19
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 01 07:49:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:50:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	130292	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	249283	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	250414	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	131211	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	91244	68.934	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 137.860%	
35) Dibromofluoromethane	7.804	113	89094	52.804	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.600%	
50) Toluene-d8	10.269	98	332605	50.762	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.520%	
62) 4-Bromofluorobenzene	12.569	95	104467	55.096	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 110.200%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.934	85	43509	42.619	ug/l	98
3) Chloromethane	2.146	50	100134	53.234	ug/l	93
4) Vinyl Chloride	2.281	62	111310	49.769	ug/l	98
5) Bromomethane	2.687	94	80383	57.328	ug/l	95
6) Chloroethane	2.834	64	77642	54.024	ug/l	93
7) Trichlorofluoromethane	3.175	101	61886	27.824	ug/l	90
8) Diethyl Ether	3.593	74	31168	46.390	ug/l	74
9) 1,1,2-Trichlorotrifluo...	3.975	101	35856	25.489	ug/l	93
10) Methyl Iodide	4.163	142	55591	33.810	ug/l #	88
11) Tert butyl alcohol	5.063	59	18506	305.463	ug/l #	94
12) 1,1-Dichloroethene	3.940	96	43422	30.844	ug/l	95
13) Acrolein	3.799	56	23024	245.343	ug/l	98
14) Allyl chloride	4.563	41	75184	40.444	ug/l #	85
15) Acrylonitrile	5.252	53	94031	299.502	ug/l	97
16) Acetone	4.022	43	53530	208.094	ug/l	93
17) Carbon Disulfide	4.269	76	152236	32.761	ug/l	97
18) Methyl Acetate	4.563	43	45493	56.961	ug/l #	86
19) Methyl tert-butyl Ether	5.322	73	145540	50.647	ug/l	98
20) Methylene Chloride	4.799	84	85714	43.656	ug/l #	85
21) trans-1,2-Dichloroethene	5.310	96	56815	35.925	ug/l	86
22) Diisopropyl ether	6.216	45	214877	51.951	ug/l #	90
23) Vinyl Acetate	6.152	43	882279	283.760	ug/l #	88
24) 1,1-Dichloroethane	6.110	63	117828	42.509	ug/l	95
25) 2-Butanone	7.081	43	136584	374.517	ug/l	95
26) 2,2-Dichloropropane	7.075	77	100101	44.648	ug/l	99
27) cis-1,2-Dichloroethene	7.081	96	114384	63.277	ug/l	94
28) Bromochloromethane	7.428	49	76399	62.855	ug/l #	76
29) Tetrahydrofuran	7.446	42	94986	420.271	ug/l #	84
30) Chloroform	7.599	83	181757	64.752	ug/l	94
31) Cyclohexane	7.881	56	92352	42.011	ug/l	91
32) 1,1,1-Trichloroethane	7.793	97	127497	55.045	ug/l	98
36) 1,1-Dichloropropene	8.004	75	102342	44.440	ug/l	97
37) Ethyl Acetate	7.169	43	65650	69.529	ug/l #	90
38) Carbon Tetrachloride	7.987	117	108322	44.744	ug/l	95
39) Methylcyclohexane	9.275	83	101350	36.885	ug/l	94
40) Benzene	8.251	78	390083	53.330	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	31117	59.913	ug/l	96
42) 1,2-Dichloroethane	8.328	62	109385	62.756	ug/l	96
43) Isopropyl Acetate	8.363	43	120962	68.164	ug/l #	93
44) Trichloroethene	9.028	130	89886	49.365	ug/l	96
45) 1,2-Dichloropropane	9.304	63	100243	56.315	ug/l	99
46) Dibromomethane	9.393	93	62210	63.041	ug/l	95
47) Bromodichloromethane	9.587	83	145704	60.132	ug/l	98
48) Methyl methacrylate	9.381	41	53289	67.100	ug/l	91
49) 1,4-Dioxane	9.387	88	14047	1373.758	ug/l #	85
51) 4-Methyl-2-Pentanone	10.157	43	335641	370.464	ug/l	94
52) Toluene	10.334	92	244308	54.005	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	132615	59.266	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	154000	57.216	ug/l	95
55) 1,1,2-Trichloroethane	10.734	97	84244	64.807	ug/l	95
56) Ethyl methacrylate	10.598	69	106833	69.361	ug/l	93
57) 1,3-Dichloropropane	10.881	76	141801	64.194	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	257309	362.243	ug/l	91
59) 2-Hexanone	10.922	43	231873	366.965	ug/l	93
60) Dibromochloromethane	11.075	129	107117	63.079	ug/l	97
61) 1,2-Dibromoethane	11.175	107	81067	66.568	ug/l	96
64) Tetrachloroethene	10.810	164	76478	45.292	ug/l	98
65) Chlorobenzene	11.604	112	281968	50.850	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	98090	53.765	ug/l	99
67) Ethyl Benzene	11.681	91	439218	48.384	ug/l	99
68) m/p-Xylenes	11.792	106	354136	98.331	ug/l	93
69) o-Xylene	12.122	106	169118	51.231	ug/l	93
70) Styrene	12.134	104	316399	54.670	ug/l	98
71) Bromoform	12.298	173	64350	62.392	ug/l #	99
73) Isopropylbenzene	12.422	105	404566	41.809	ug/l	100
74) N-amyl acetate	12.234	43	118131	61.211	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.675	83	102156	59.931	ug/l	95
76) 1,2,3-Trichloropropane	12.722	75	121673	106.087	ug/l #	100
77) Bromobenzene	12.698	156	114134	51.876	ug/l	88
78) n-propylbenzene	12.763	91	492563	44.909	ug/l	98
79) 2-Chlorotoluene	12.845	91	296487	48.547	ug/l	97
80) 1,3,5-Trimethylbenzene	12.898	105	346740	47.440	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.469	75	34971	58.155	ug/l	96
82) 4-Chlorotoluene	12.945	91	312969	49.158	ug/l	98
83) tert-Butylbenzene	13.163	119	283474	40.762	ug/l	95
84) 1,2,4-Trimethylbenzene	13.210	105	364826	44.752	ug/l	100
85) sec-Butylbenzene	13.339	105	419410	43.142	ug/l	99
86) p-Isopropyltoluene	13.457	119	366123	40.591	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	222248	48.767	ug/l	97
88) 1,4-Dichlorobenzene	13.534	146	224010	49.996	ug/l	96
89) n-Butylbenzene	13.786	91	321123	38.725	ug/l	98
90) Hexachloroethane	14.051	117	78008	45.877	ug/l	98
91) 1,2-Dichlorobenzene	13.828	146	203437	52.231	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	14250	62.829	ug/l	96
93) 1,2,4-Trichlorobenzene	15.098	180	125276	51.049	ug/l	98
94) Hexachlorobutadiene	15.198	225	54111	40.855	ug/l	98
95) Naphthalene	15.328	128	262885	61.893	ug/l	99
96) 1,2,3-Trichlorobenzene	15.516	180	116321	53.885	ug/l	99

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Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:50:47 2024
Response via : Initial Calibration

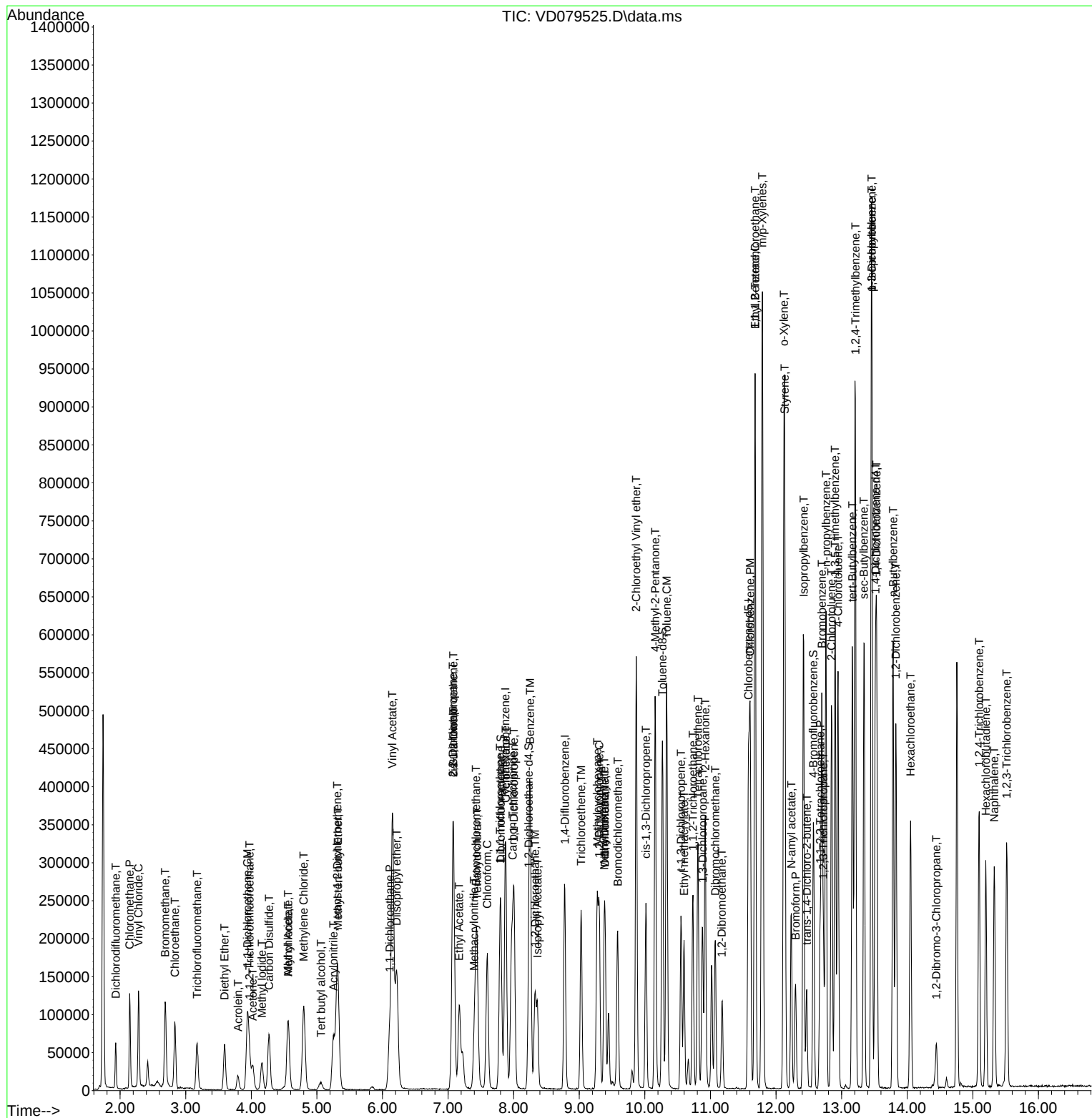
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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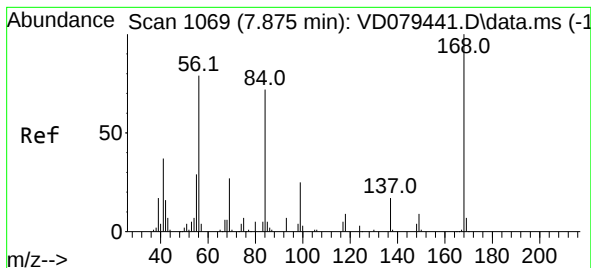
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD079525.D

Acq: 01 Aug 2024 06:19

Instrument :

MSVOA_D

ClientSampleId :

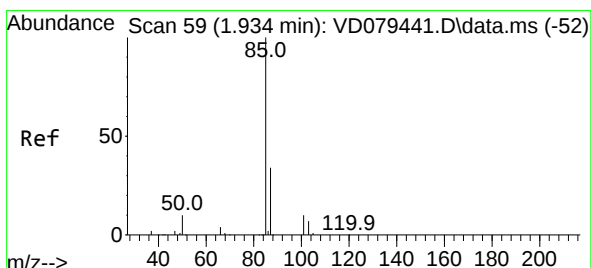
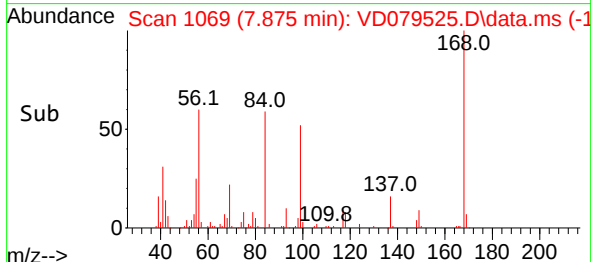
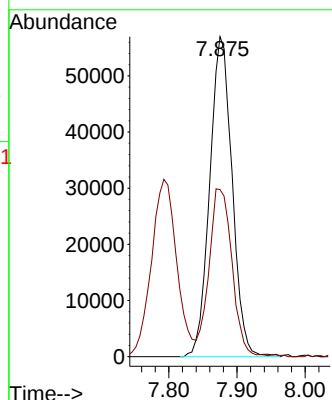
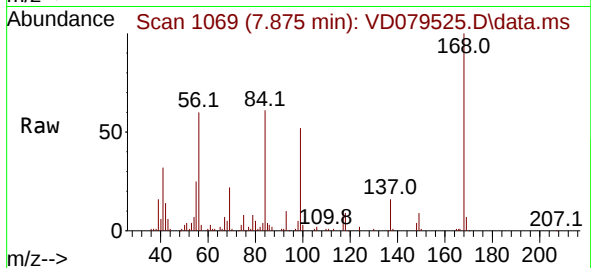
VSTDCCC050EC

Tgt Ion:168 Resp: 130292

Ion Ratio Lower Upper

168 100

99 51.8 41.1 61.7



#2

Dichlorodifluoromethane

Concen: 42.619 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.006 min

Lab File: VD079525.D

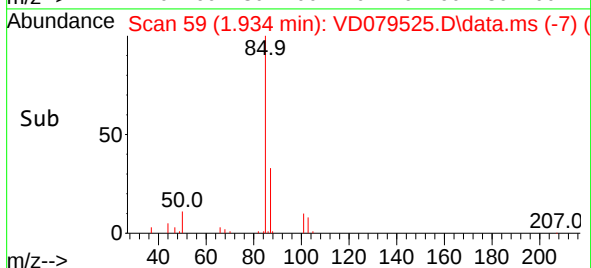
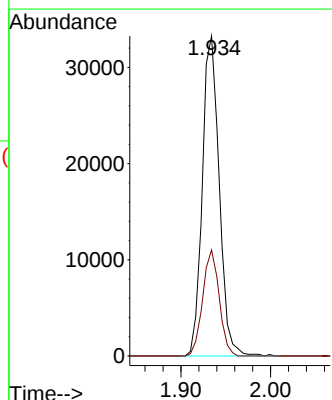
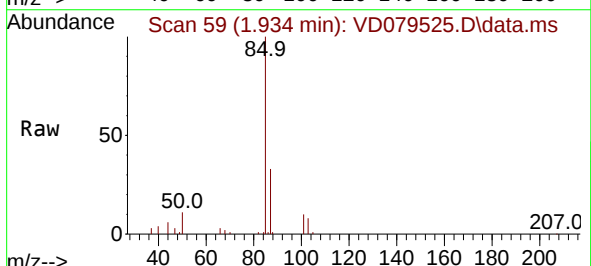
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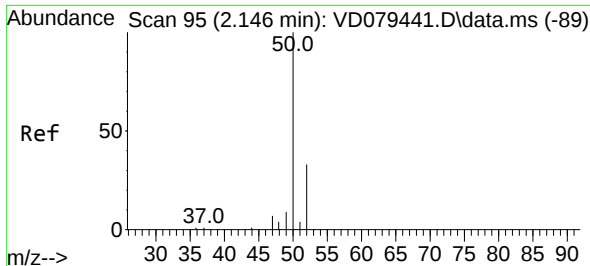
Tgt Ion: 85 Resp: 43509

Ion Ratio Lower Upper

85 100

87 33.2 16.0 48.0

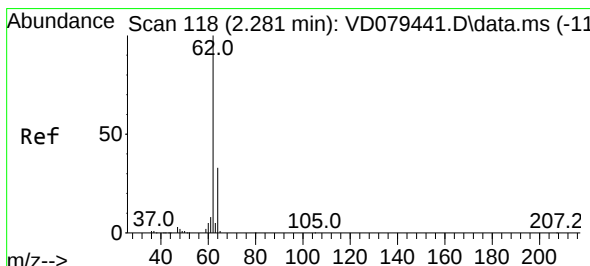
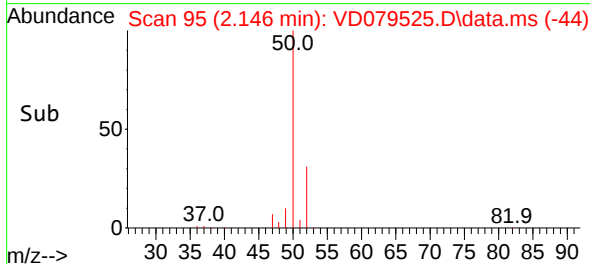
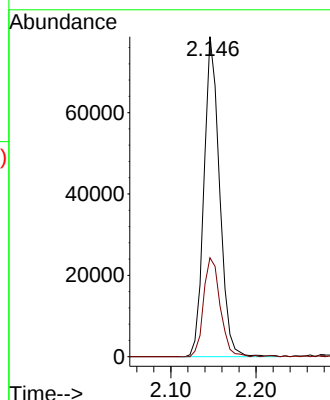
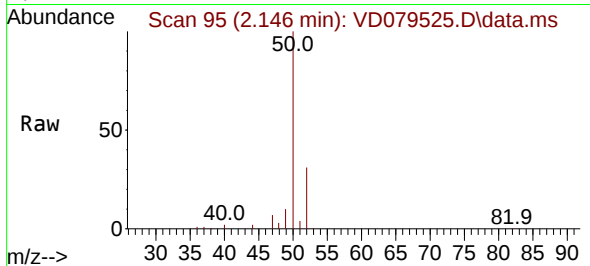




#3
Chloromethane
Concen: 53.234 ug/l
RT: 2.146 min Scan# 95
Delta R.T. -0.000 min
Lab File: VD079525.D
Acq: 01 Aug 2024 06:19

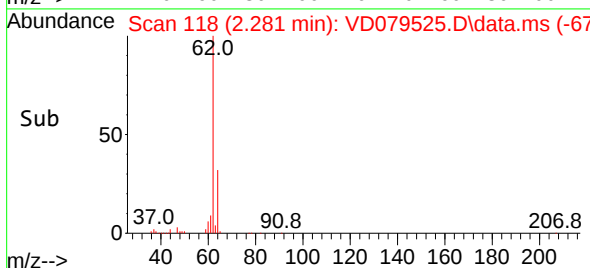
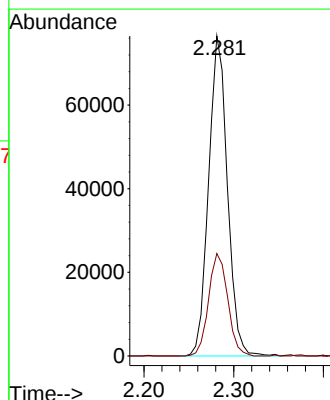
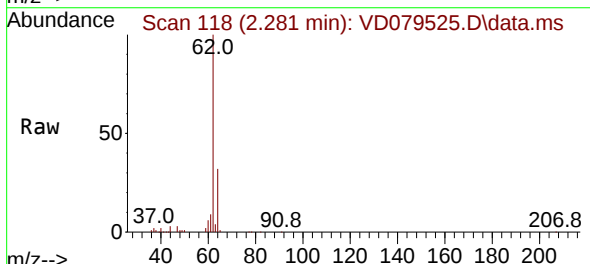
Instrument :
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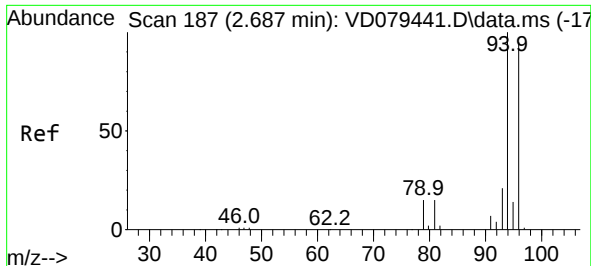
Tgt Ion: 50 Resp: 100134
Ion Ratio Lower Upper
50 100
52 30.9 28.2 42.2



#4
Vinyl Chloride
Concen: 49.769 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.000 min
Lab File: VD079525.D
Acq: 01 Aug 2024 06:19

Tgt Ion: 62 Resp: 111310
Ion Ratio Lower Upper
62 100
64 32.0 26.3 39.5

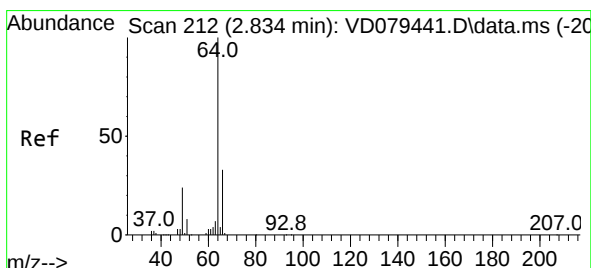
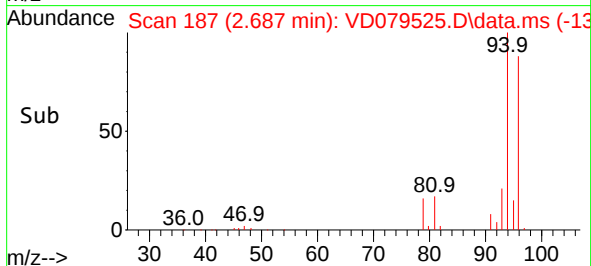
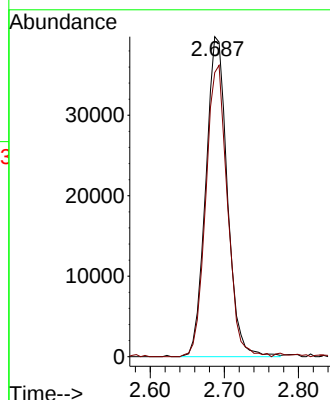
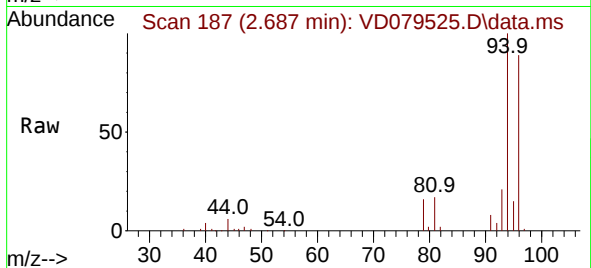




#5
Bromomethane
Concen: 57.328 ug/l
RT: 2.687 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD079525.D
Acq: 01 Aug 2024 06:19

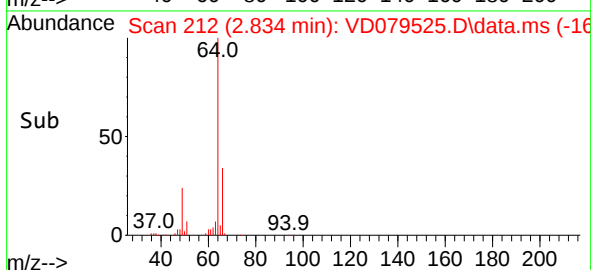
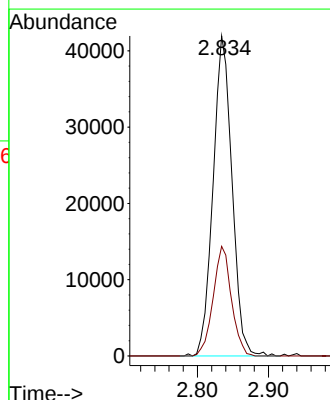
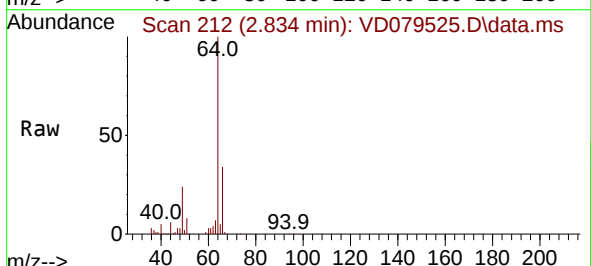
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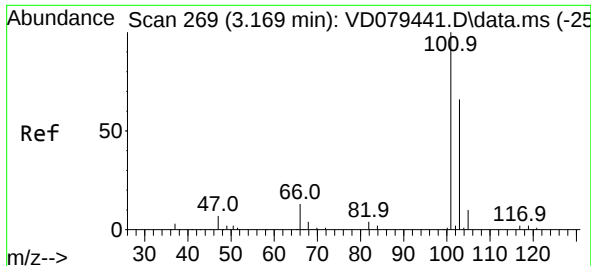
Tgt Ion: 94 Resp: 80383
Ion Ratio Lower Upper
94 100
96 91.1 76.9 115.3



#6
Chloroethane
Concen: 54.024 ug/l
RT: 2.834 min Scan# 212
Delta R.T. 0.006 min
Lab File: VD079525.D
Acq: 01 Aug 2024 06:19

Tgt Ion: 64 Resp: 77642
Ion Ratio Lower Upper
64 100
66 34.3 24.5 36.7

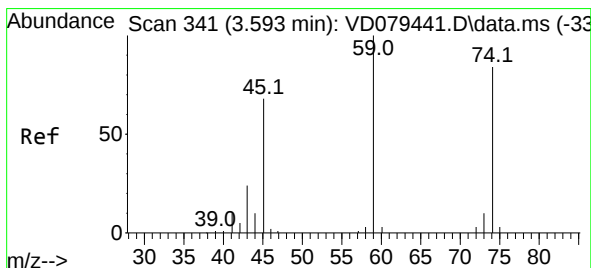
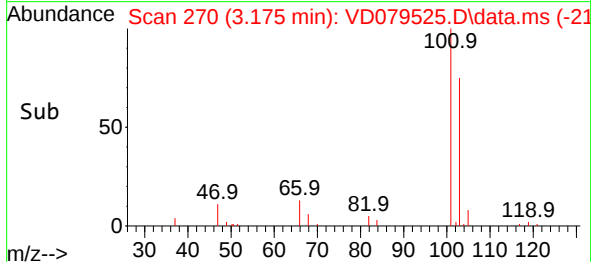
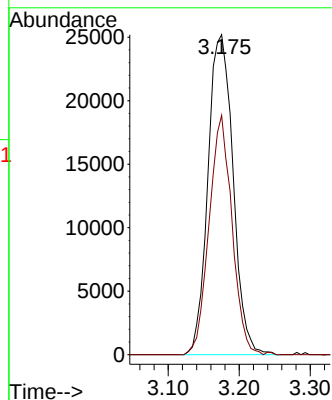
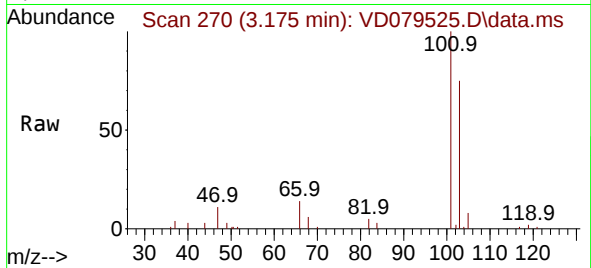




#7
Trichlorofluoromethane
Concen: 27.824 ug/l
RT: 3.175 min Scan# 210
Delta R.T. 0.006 min
Lab File: VD079525.D
Acq: 01 Aug 2024 06:19

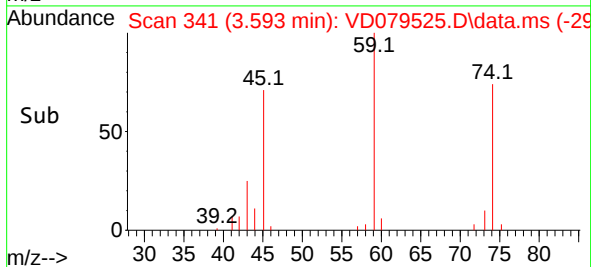
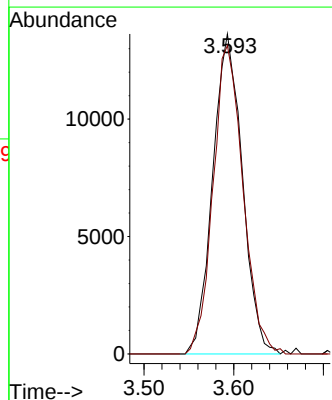
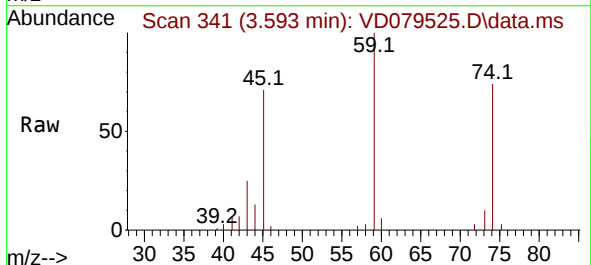
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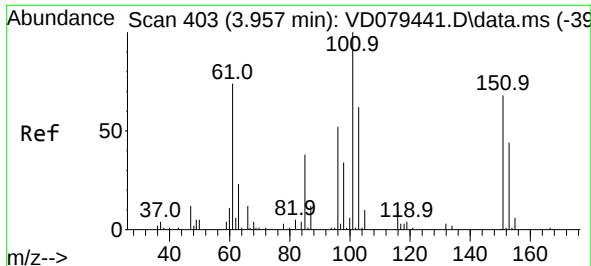
Tgt Ion:101 Resp: 61886
Ion Ratio Lower Upper
101 100
103 74.8 53.2 79.8



#8
Diethyl Ether
Concen: 46.390 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.000 min
Lab File: VD079525.D
Acq: 01 Aug 2024 06:19

Tgt Ion: 74 Resp: 31168
Ion Ratio Lower Upper
74 100
45 97.6 37.9 113.6

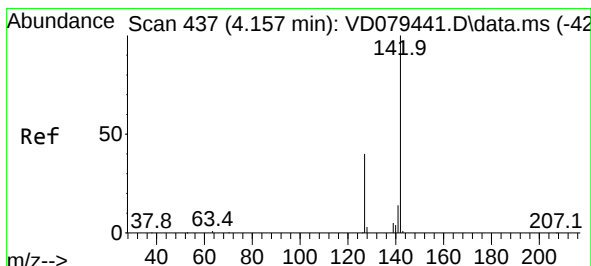
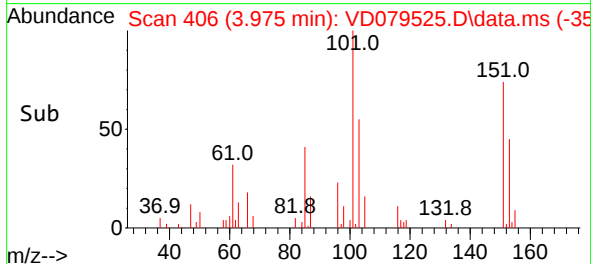
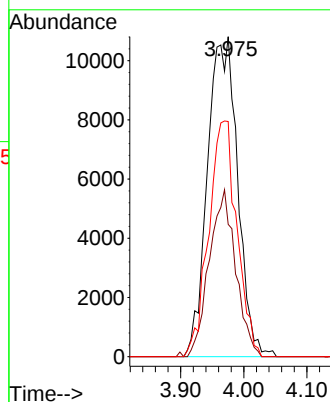
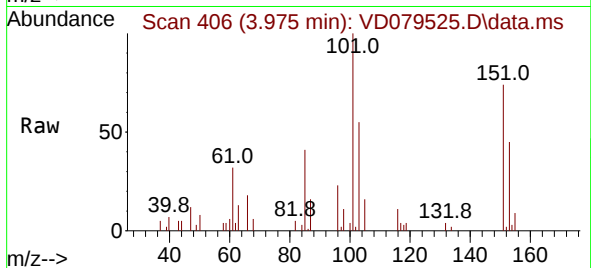




#9
1,1,2-Trichlorotrifluoroethane
Concen: 25.489 ug/l
RT: 3.975 min Scan# 403
Delta R.T. 0.012 min
Lab File: VD079525.D
Acq: 01 Aug 2024 06:19

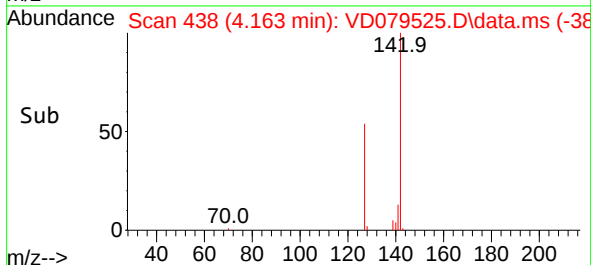
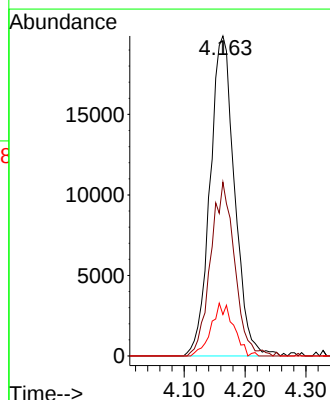
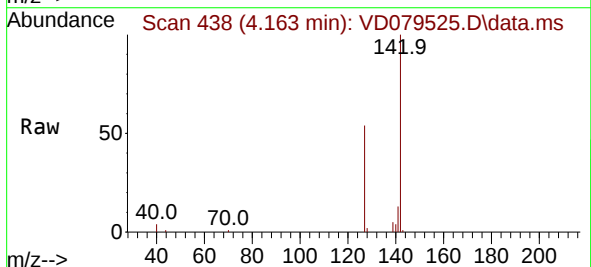
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 35856
Ion Ratio Lower Upper
101 100
85 45.7 33.5 50.3
151 68.9 60.3 90.5



#10
Methyl Iodide
Concen: 33.810 ug/l
RT: 4.163 min Scan# 438
Delta R.T. 0.011 min
Lab File: VD079525.D
Acq: 01 Aug 2024 06:19

Tgt Ion:142 Resp: 55591
Ion Ratio Lower Upper
142 100
127 53.2 34.2 51.4#
141 15.1 11.7 17.5

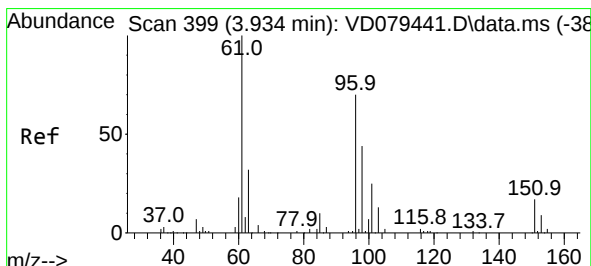
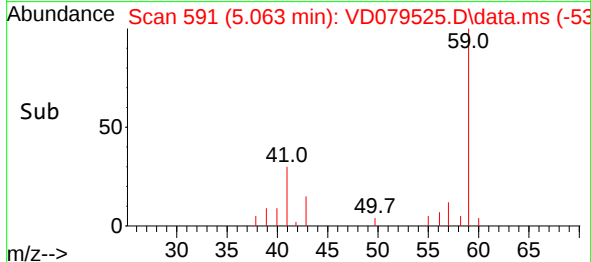
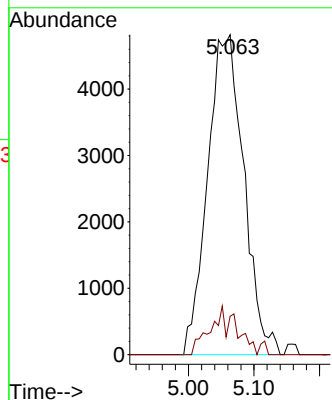
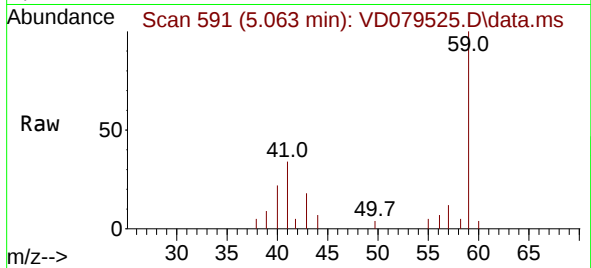




#11
Tert butyl alcohol
Concen: 305.463 ug/l
RT: 5.063 min Scan# 591
Delta R.T. 0.017 min
Lab File: VD079525.D
Acq: 01 Aug 2024 06:19

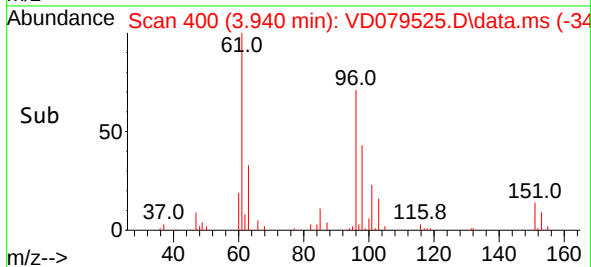
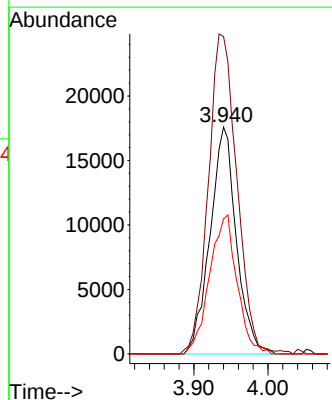
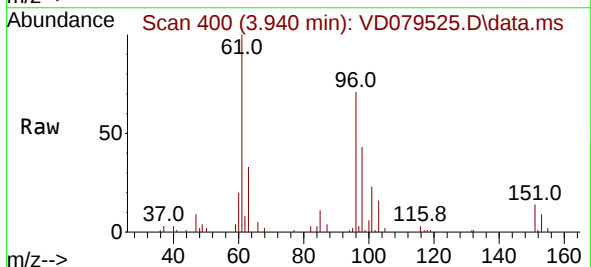
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

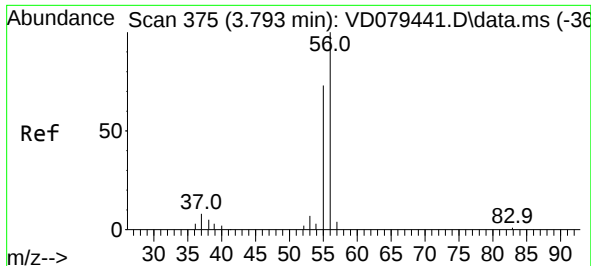
Tgt Ion: 59 Resp: 18506
Ion Ratio Lower Upper
59 100
57 6.5 3.6 5.4#



#12
1,1-Dichloroethene
Concen: 30.844 ug/l
RT: 3.940 min Scan# 400
Delta R.T. 0.012 min
Lab File: VD079525.D
Acq: 01 Aug 2024 06:19

Tgt Ion: 96 Resp: 43422
Ion Ratio Lower Upper
96 100
61 139.9 107.3 160.9
98 59.5 51.7 77.5

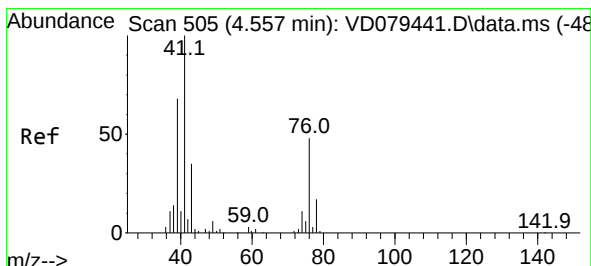
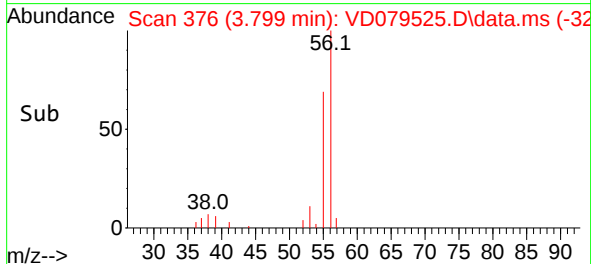
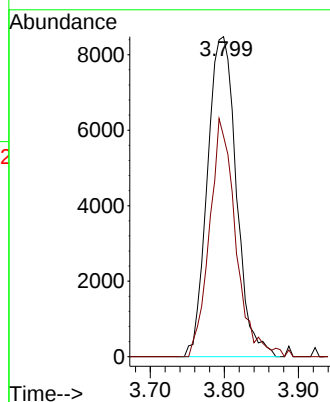
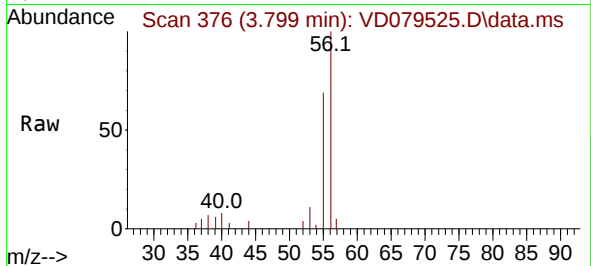




#13
Acrolein
Concen: 245.343 ug/l
RT: 3.799 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD079525.D
Acq: 01 Aug 2024 06:19

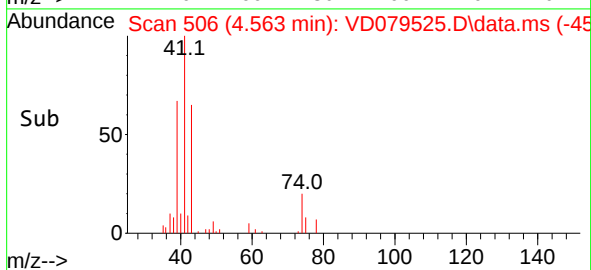
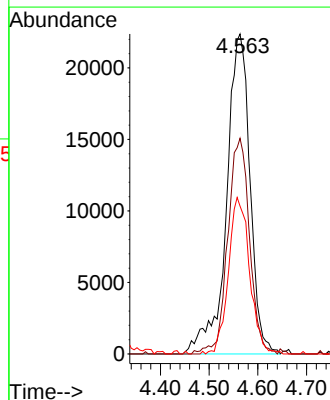
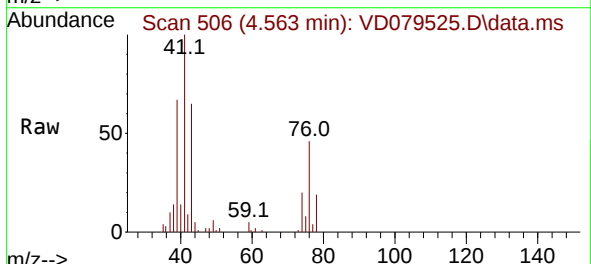
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

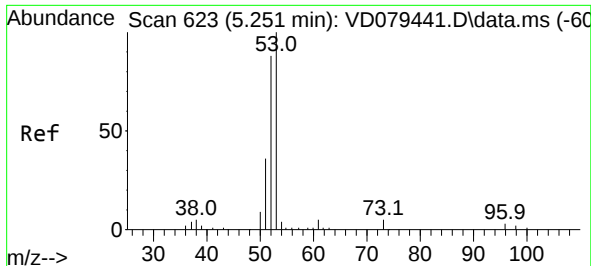
Tgt Ion: 56 Resp: 23024
Ion Ratio Lower Upper
56 100
55 67.6 55.3 82.9



#14
Allyl chloride
Concen: 40.444 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.012 min
Lab File: VD079525.D
Acq: 01 Aug 2024 06:19

Tgt Ion: 41 Resp: 75184
Ion Ratio Lower Upper
41 100
39 62.2 58.0 87.0
76 44.2 45.9 68.9#

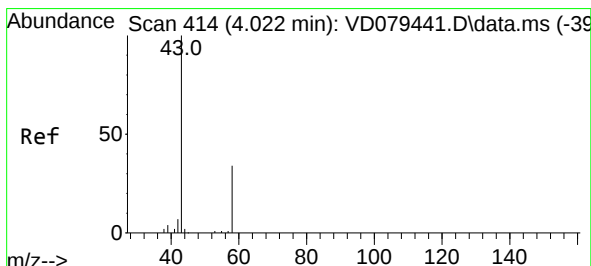
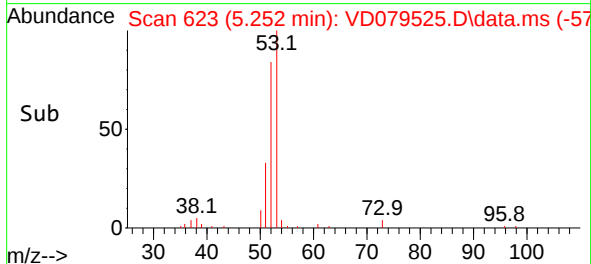
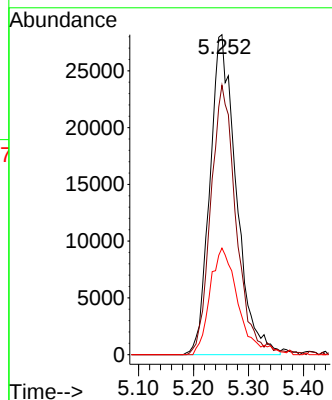
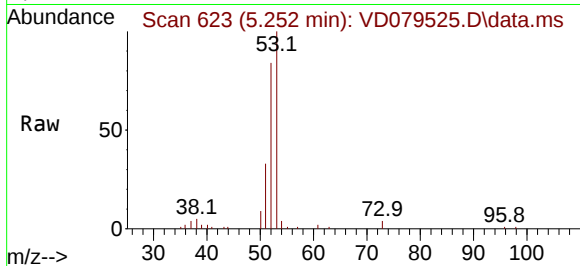




#15
Acrylonitrile
Concen: 299.502 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD079525.D
Acq: 01 Aug 2024 06:19

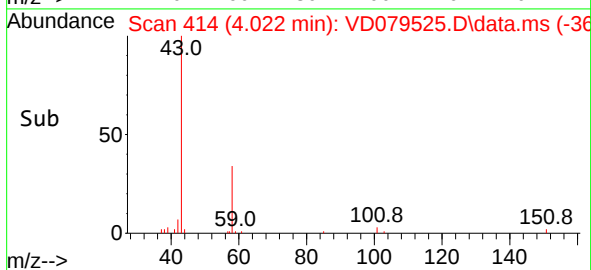
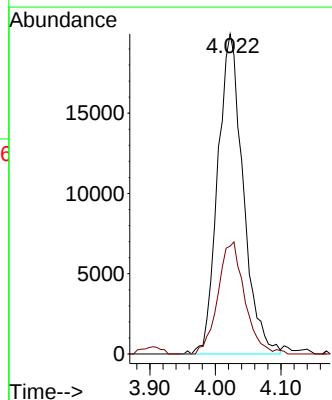
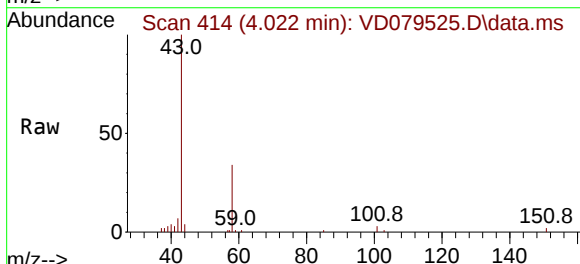
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

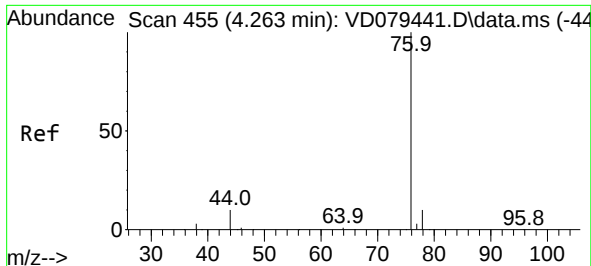
Tgt Ion: 53 Resp: 94031
Ion Ratio Lower Upper
53 100
52 81.3 67.7 101.5
51 35.8 28.6 42.8



#16
Acetone
Concen: 208.094 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.000 min
Lab File: VD079525.D
Acq: 01 Aug 2024 06:19

Tgt Ion: 43 Resp: 53530
Ion Ratio Lower Upper
43 100
58 33.7 30.4 45.6

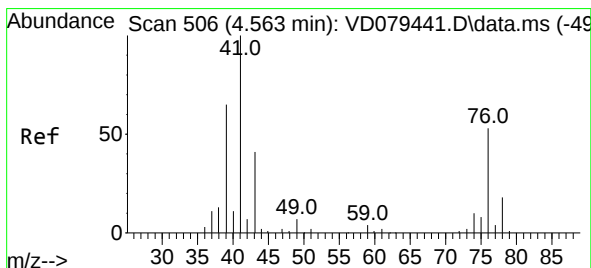
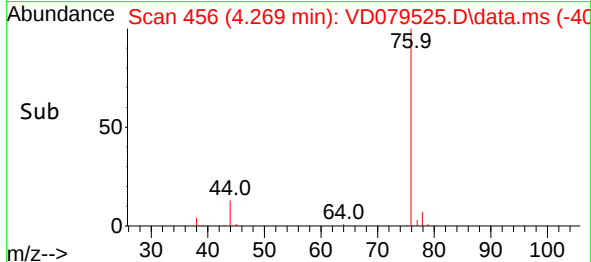
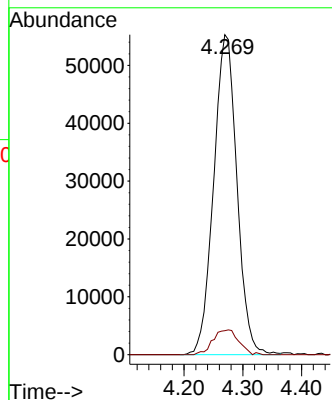
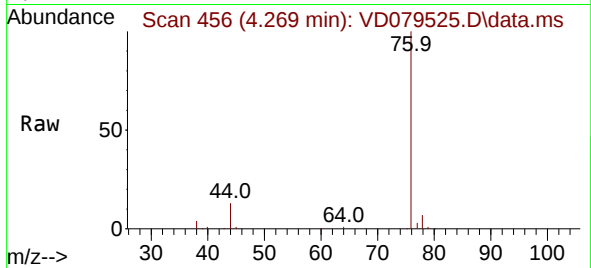




#17
Carbon Disulfide
Concen: 32.761 ug/l
RT: 4.269 min Scan# 455
Delta R.T. 0.006 min
Lab File: VD079525.D
Acq: 01 Aug 2024 06:19

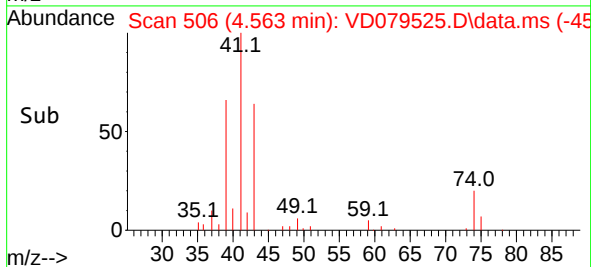
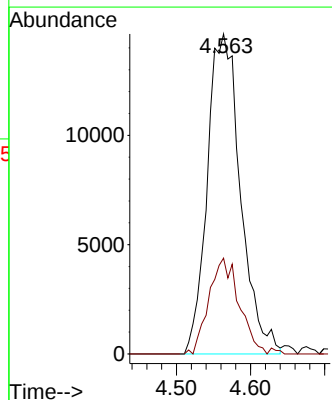
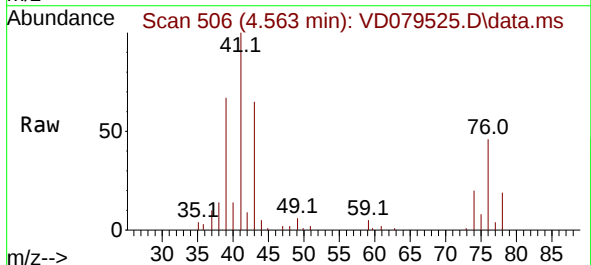
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

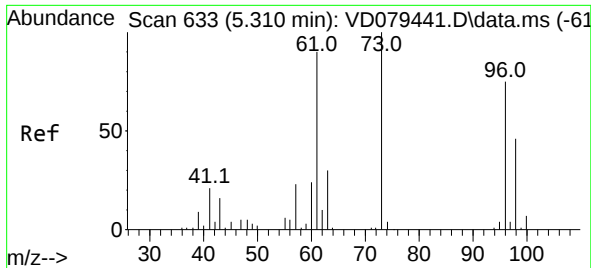
Tgt Ion: 76 Resp: 152236
Ion Ratio Lower Upper
76 100
78 7.5 6.9 10.3



#18
Methyl Acetate
Concen: 56.961 ug/l
RT: 4.563 min Scan# 506
Delta R.T. -0.006 min
Lab File: VD079525.D
Acq: 01 Aug 2024 06:19

Tgt Ion: 43 Resp: 45493
Ion Ratio Lower Upper
43 100
74 27.2 28.1 42.1#

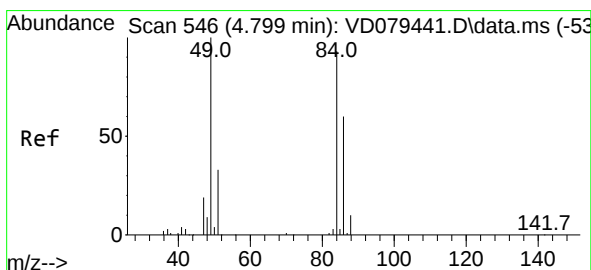
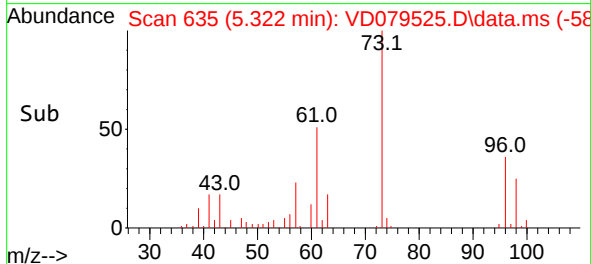
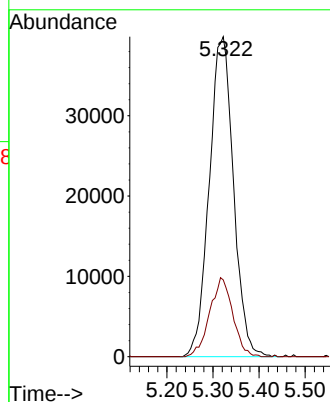
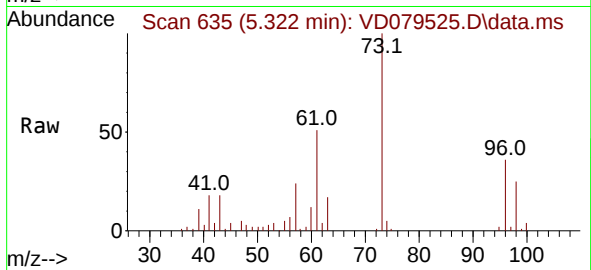




#19
Methyl tert-butyl Ether
Concen: 50.647 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD079525.D
Acq: 01 Aug 2024 06:19

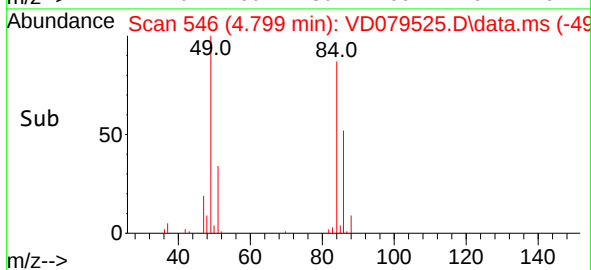
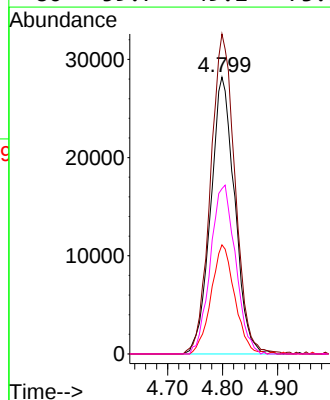
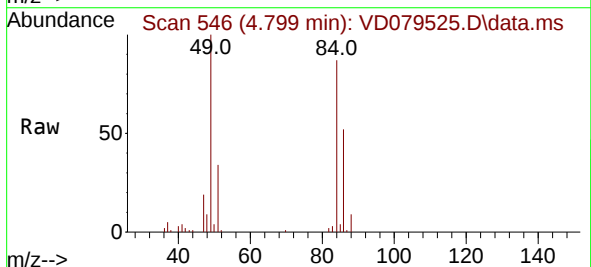
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

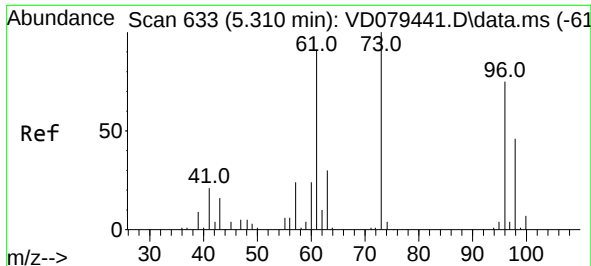
Tgt Ion: 73 Resp: 145540
Ion Ratio Lower Upper
73 100
57 24.0 18.3 27.5



#20
Methylene Chloride
Concen: 43.656 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD079525.D
Acq: 01 Aug 2024 06:19

Tgt Ion: 84 Resp: 85714
Ion Ratio Lower Upper
84 100
49 115.6 75.6 113.4#
51 39.4 24.2 36.2#
86 59.7 49.2 73.8

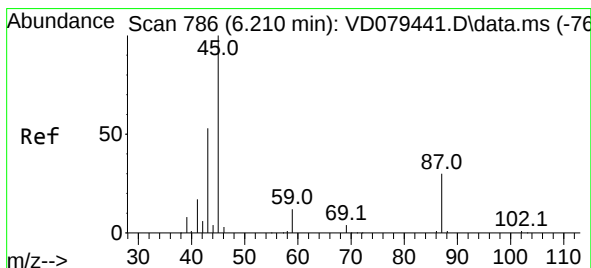
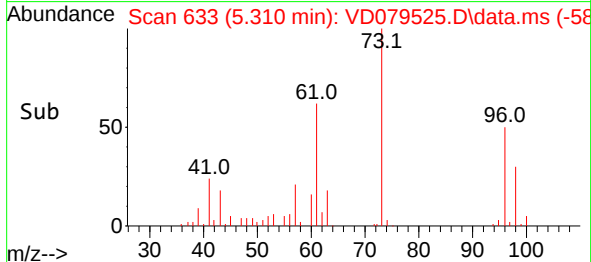
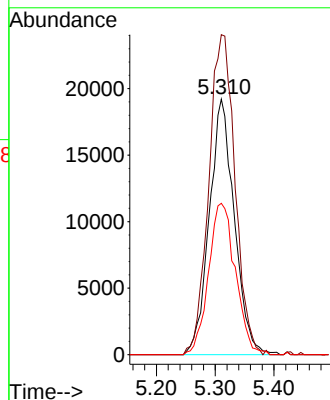
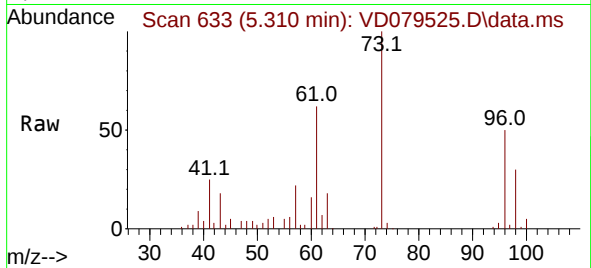




#21
trans-1,2-Dichloroethene
Concen: 35.925 ug/l
RT: 5.310 min Scan# 611
Delta R.T. -0.000 min
Lab File: VD079525.D
Acq: 01 Aug 2024 06:19

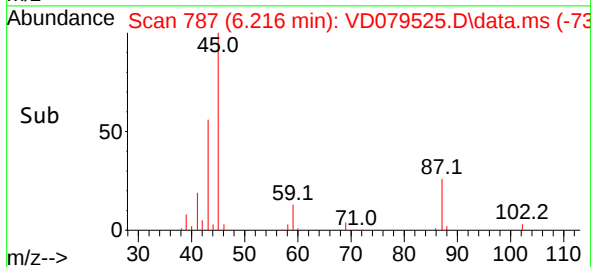
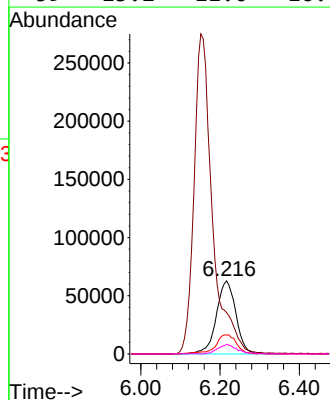
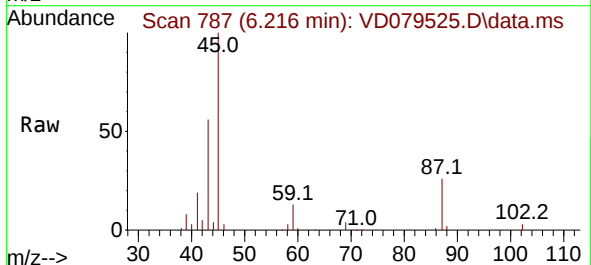
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

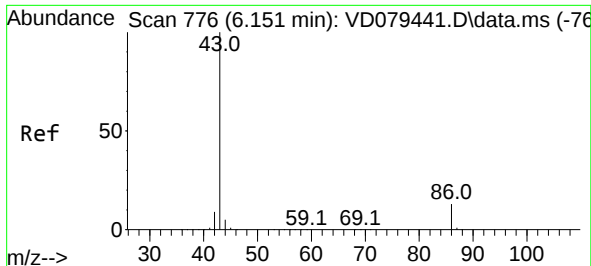
Tgt Ion: 96 Resp: 56815
Ion Ratio Lower Upper
96 100
61 125.2 84.5 126.7
98 59.3 50.5 75.7



#22
Diisopropyl ether
Concen: 51.951 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.006 min
Lab File: VD079525.D
Acq: 01 Aug 2024 06:19

Tgt Ion: 45 Resp: 214877
Ion Ratio Lower Upper
45 100
43 55.5 41.7 62.5
87 25.9 30.2 45.2#
59 13.2 11.0 16.6

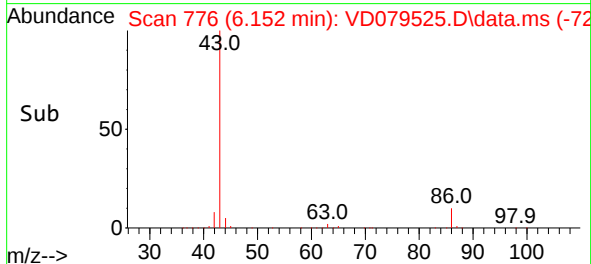
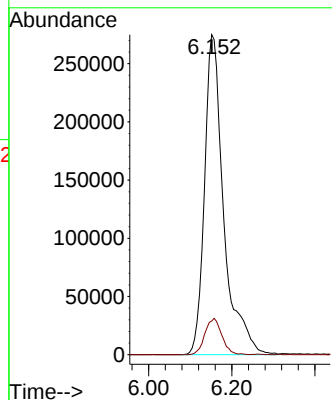
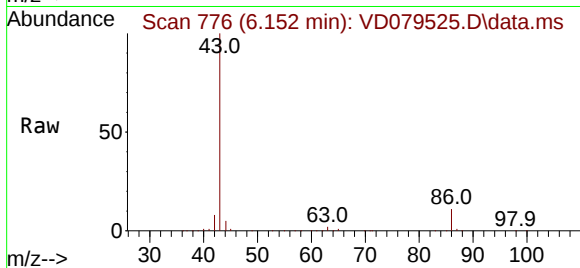




#23
 Vinyl Acetate
 Concen: 283.760 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. -0.000 min
 Lab File: VD079525.D
 Acq: 01 Aug 2024 06:19

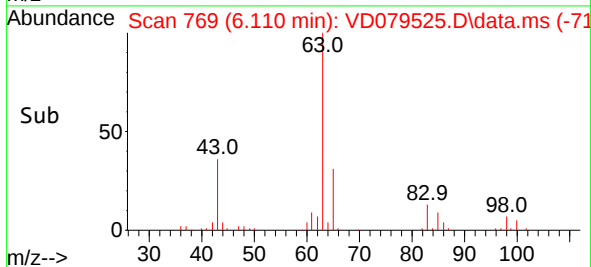
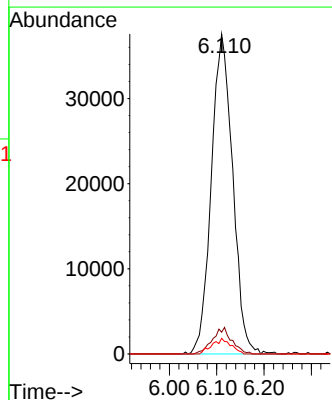
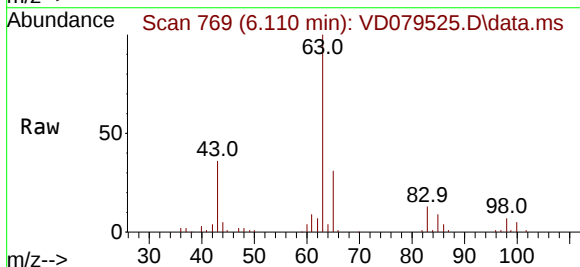
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

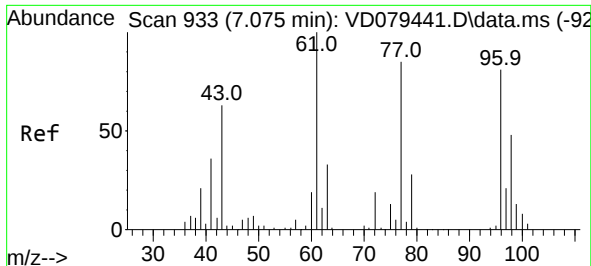
Tgt Ion: 43 Resp: 882279
 Ion Ratio Lower Upper
 43 100
 86 10.5 12.3 18.5#



#24
 1,1-Dichloroethane
 Concen: 42.509 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. 0.006 min
 Lab File: VD079525.D
 Acq: 01 Aug 2024 06:19

Tgt Ion: 63 Resp: 117828
 Ion Ratio Lower Upper
 63 100
 98 6.8 4.7 14.0
 100 4.9 2.9 8.6

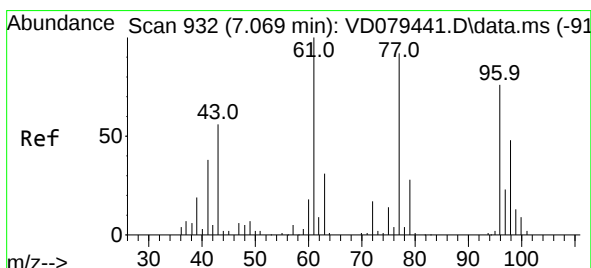
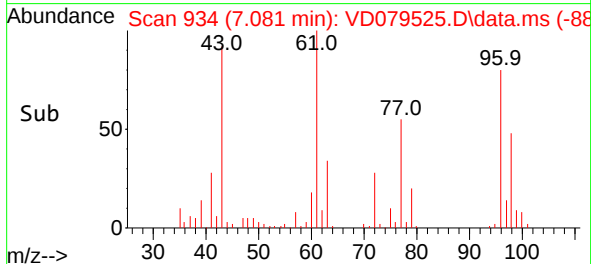
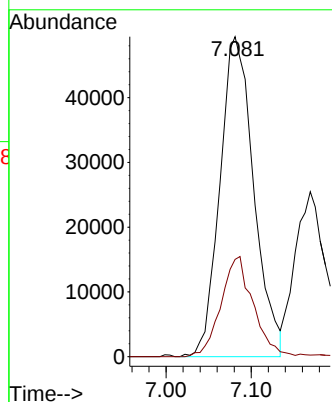
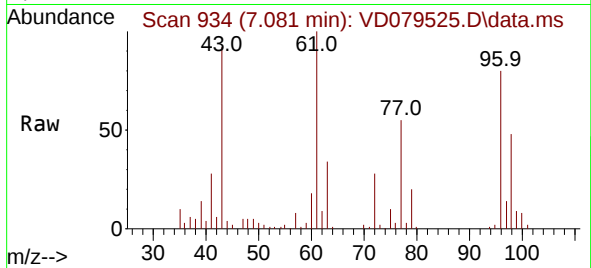




#25
2-Butanone
Concen: 374.517 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.012 min
Lab File: VD079525.D
Acq: 01 Aug 2024 06:19

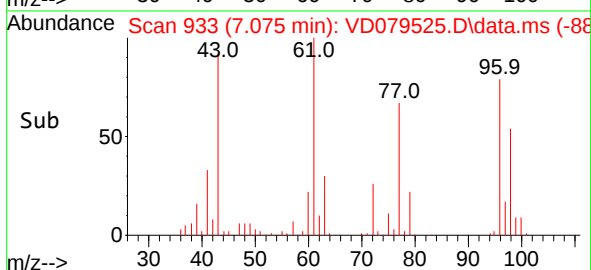
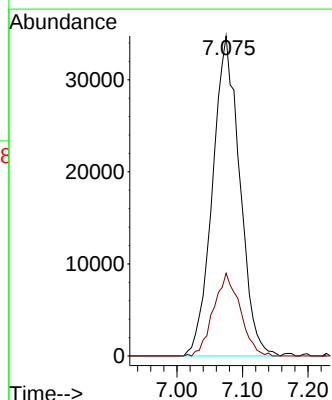
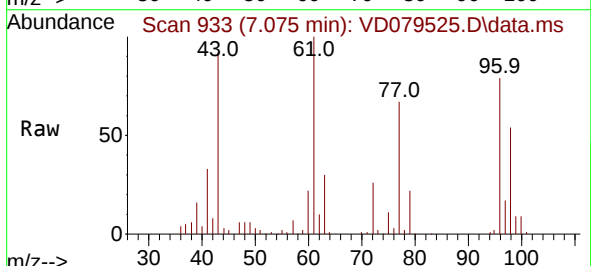
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

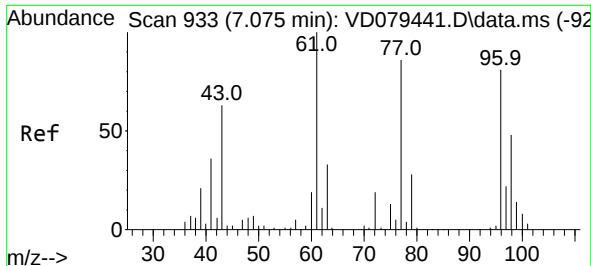
Tgt Ion: 43 Resp: 136584
Ion Ratio Lower Upper
43 100
72 30.4 26.4 39.6



#26
2,2-Dichloropropane
Concen: 44.648 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD079525.D
Acq: 01 Aug 2024 06:19

Tgt Ion: 77 Resp: 100101
Ion Ratio Lower Upper
77 100
97 25.2 12.4 37.2





#27

cis-1,2-Dichloroethene

Concen: 63.277 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD079525.D

Acq: 01 Aug 2024 06:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

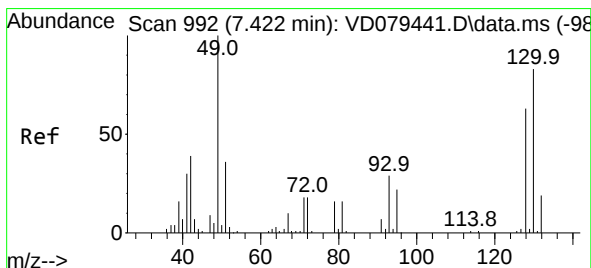
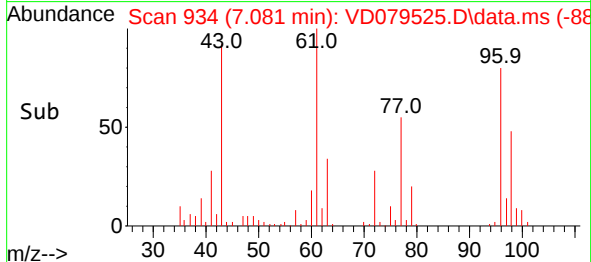
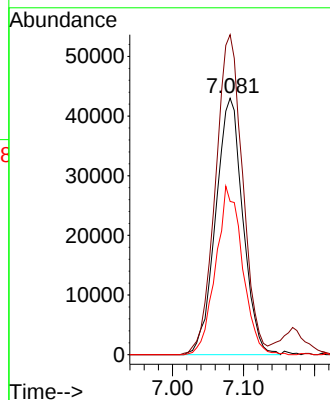
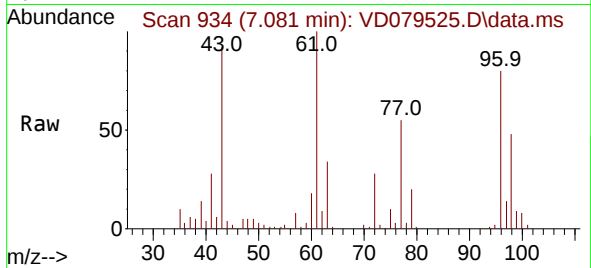
Tgt Ion: 96 Resp: 114384

Ion Ratio Lower Upper

96 100

61 124.8 0.0 229.0

98 64.3 0.0 127.2



#28

Bromochloromethane

Concen: 62.855 ug/l

RT: 7.428 min Scan# 993

Delta R.T. 0.012 min

Lab File: VD079525.D

Acq: 01 Aug 2024 06:19

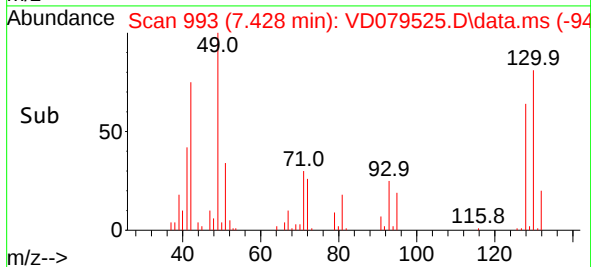
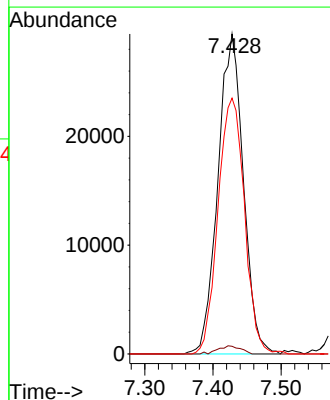
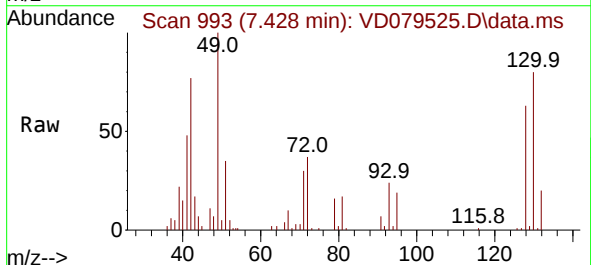
Tgt Ion: 49 Resp: 76399

Ion Ratio Lower Upper

49 100

129 2.3 0.0 7.0

130 83.1 87.7 131.5#





#29

Tetrahydrofuran

Concen: 420.271 ug/l

RT: 7.446 min Scan# 996

Delta R.T. -0.000 min

Lab File: VD079525.D

Acq: 01 Aug 2024 06:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

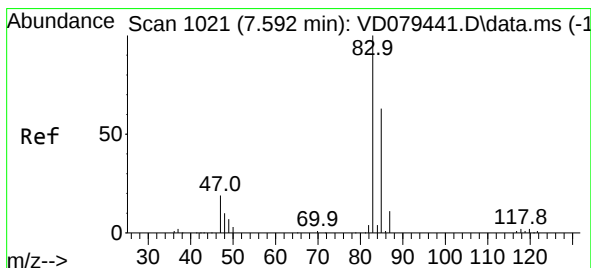
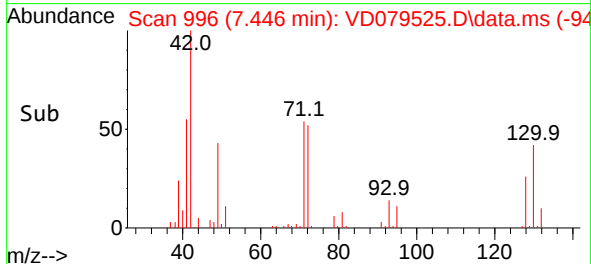
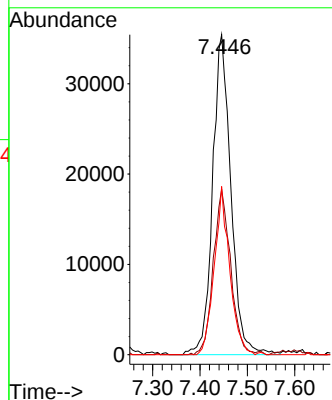
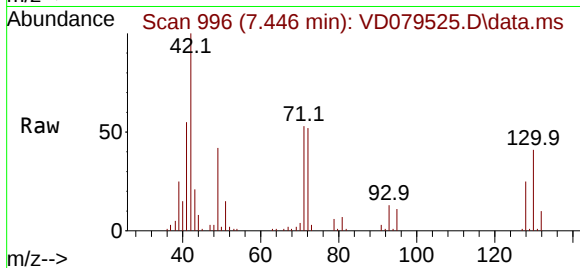
Tgt Ion: 42 Resp: 94986

Ion Ratio Lower Upper

42 100

72 48.9 49.4 74.0#

71 44.4 45.0 67.6#



#30

Chloroform

Concen: 64.752 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VD079525.D

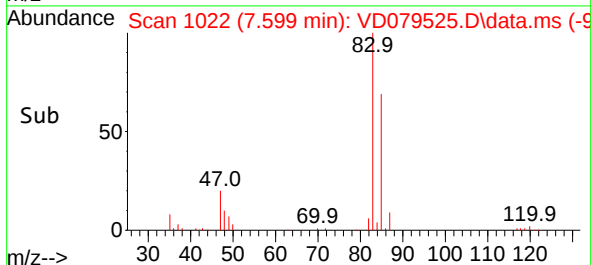
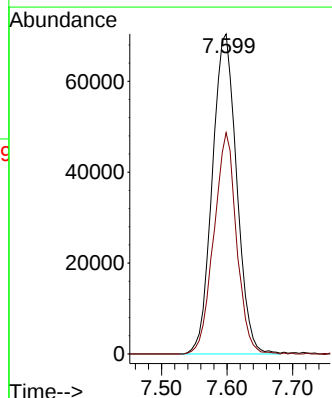
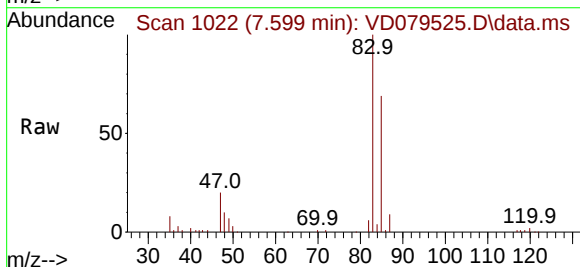
Acq: 01 Aug 2024 06:19

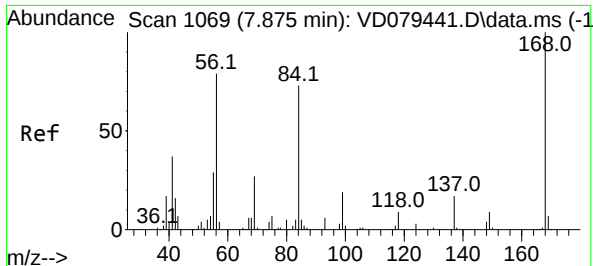
Tgt Ion: 83 Resp: 181757

Ion Ratio Lower Upper

83 100

85 69.1 51.8 77.6





#31

Cyclohexane

Concen: 42.011 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.000 min

Lab File: VD079525.D

Acq: 01 Aug 2024 06:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

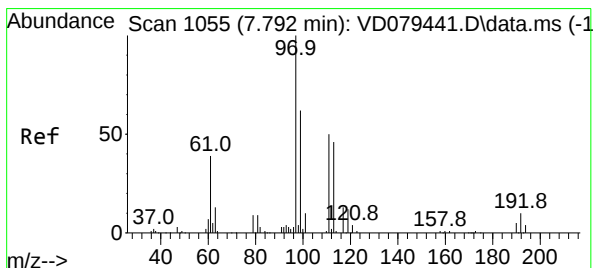
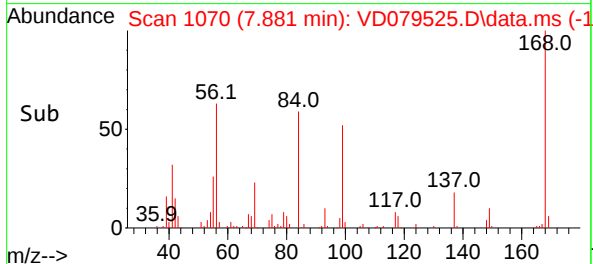
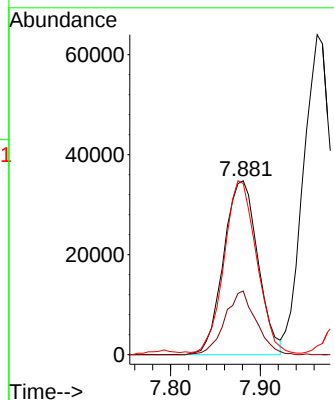
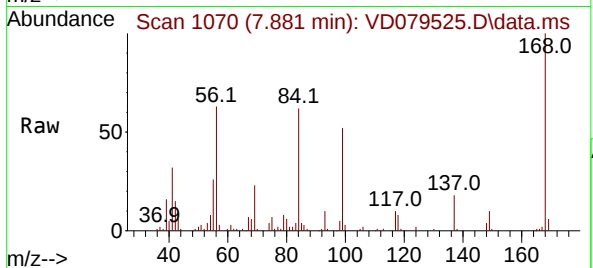
Tgt Ion: 56 Resp: 92352

Ion Ratio Lower Upper

56 100

69 36.6 28.0 42.0

84 97.2 87.4 131.0



#32

1,1,1-Trichloroethane

Concen: 55.045 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VD079525.D

Acq: 01 Aug 2024 06:19

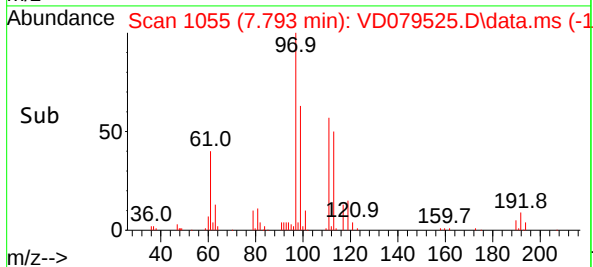
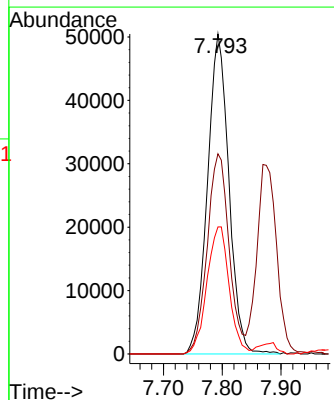
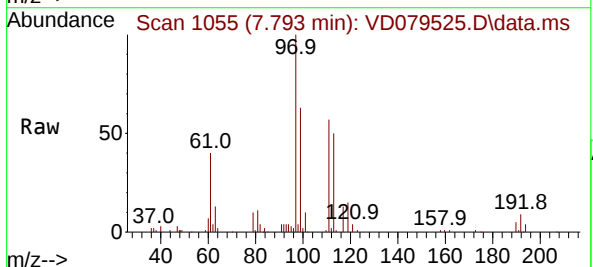
Tgt Ion: 97 Resp: 127497

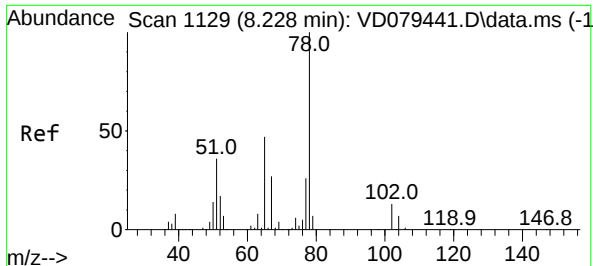
Ion Ratio Lower Upper

97 100

99 64.5 51.3 76.9

61 41.4 31.4 47.2





#33

1,2-Dichloroethane-d4

Concen: 68.934 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD079525.D

Acq: 01 Aug 2024 06:19

Instrument :

MSVOA_D

ClientSampleId :

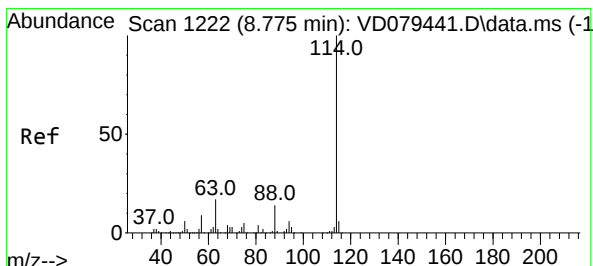
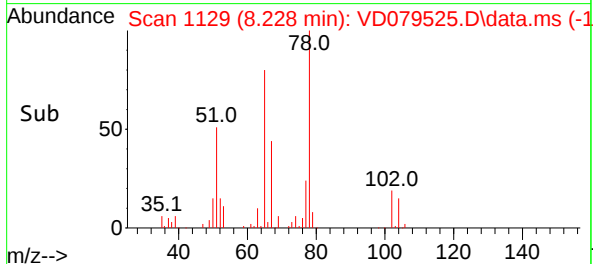
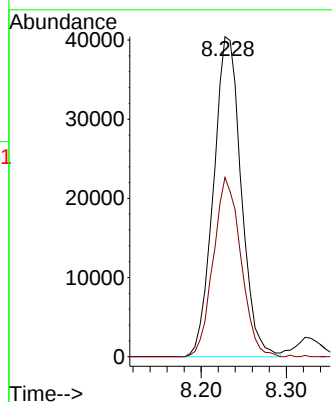
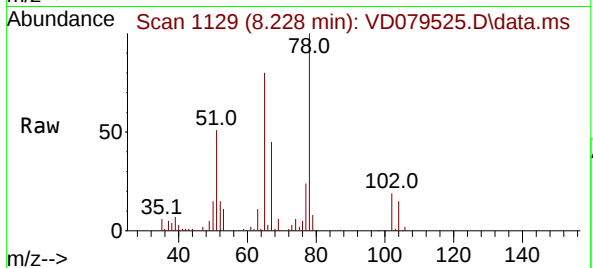
VSTDCCC050EC

Tgt Ion: 65 Resp: 91244

Ion Ratio Lower Upper

65 100

67 55.7 0.0 111.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD079525.D

Acq: 01 Aug 2024 06:19

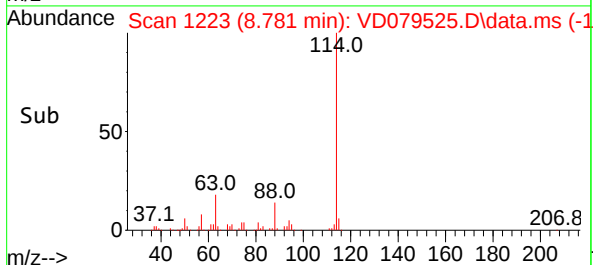
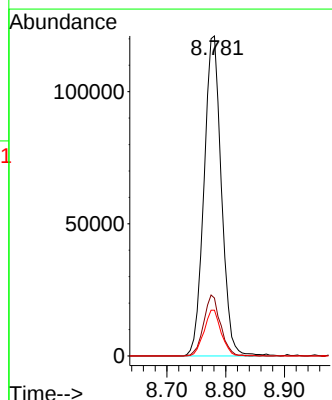
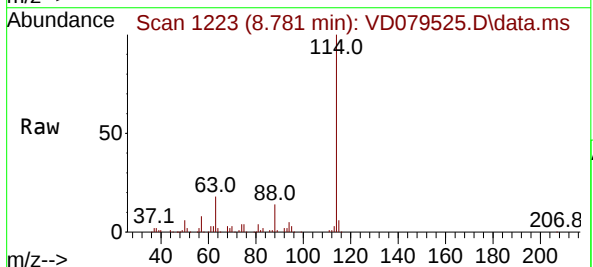
Tgt Ion: 114 Resp: 249283

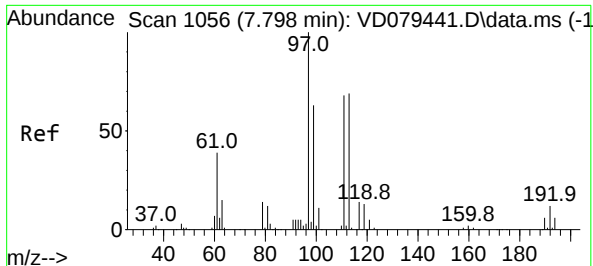
Ion Ratio Lower Upper

114 100

63 18.1 0.0 34.0

88 14.3 0.0 27.2





#35

Dibromofluoromethane

Concen: 52.804 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD079525.D

Acq: 01 Aug 2024 06:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

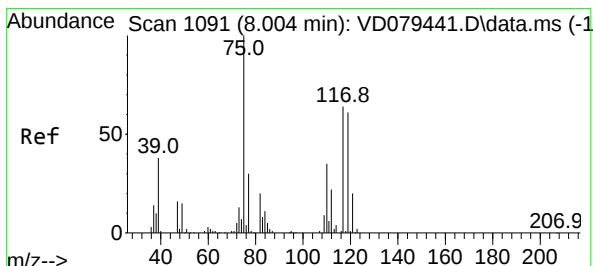
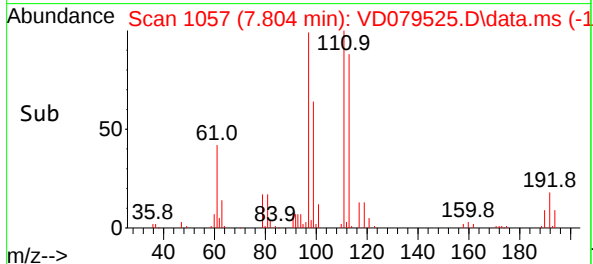
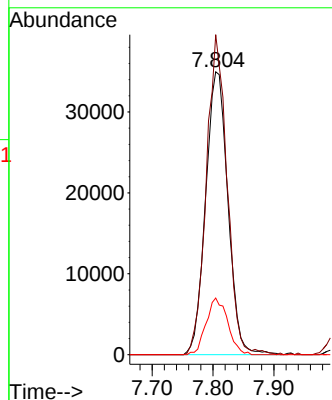
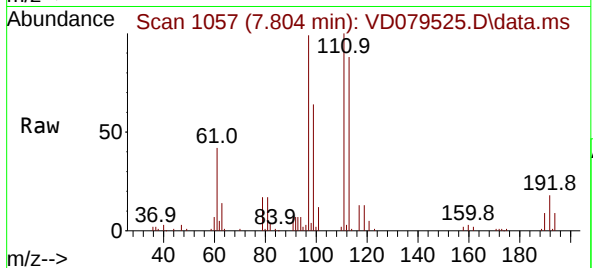
Tgt Ion:113 Resp: 89094

Ion Ratio Lower Upper

113 100

111 105.0 84.0 126.0

192 19.4 15.4 23.0



#36

1,1-Dichloropropene

Concen: 44.440 ug/l

RT: 8.004 min Scan# 1091

Delta R.T. -0.006 min

Lab File: VD079525.D

Acq: 01 Aug 2024 06:19

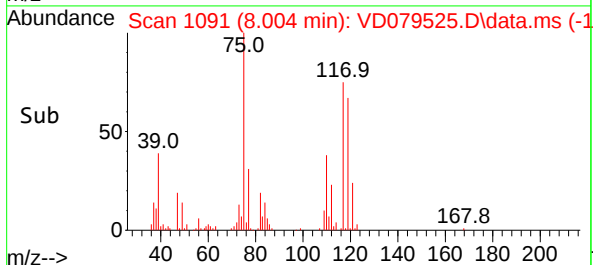
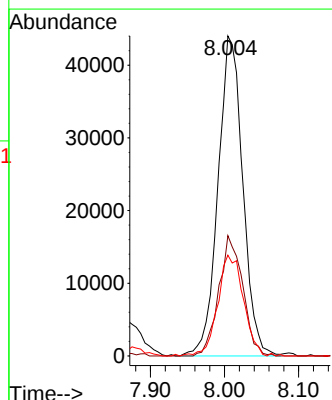
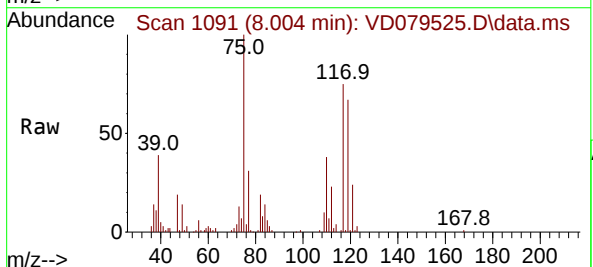
Tgt Ion: 75 Resp: 102342

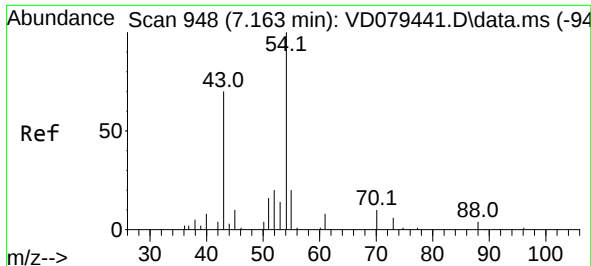
Ion Ratio Lower Upper

75 100

110 36.3 19.6 58.7

77 32.7 26.1 39.1





#37

Ethyl Acetate

Concen: 69.529 ug/l

RT: 7.169 min Scan# 948

Delta R.T. -0.006 min

Lab File: VD079525.D

Acq: 01 Aug 2024 06:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

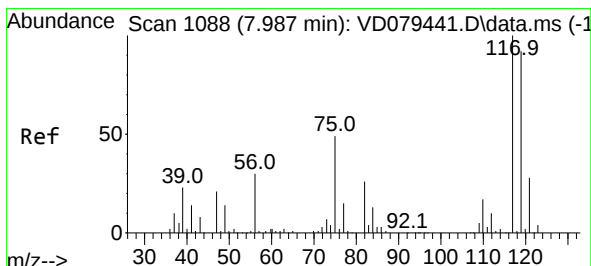
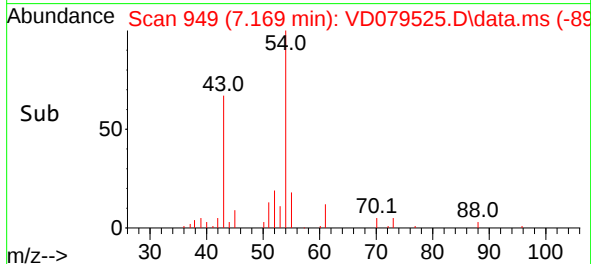
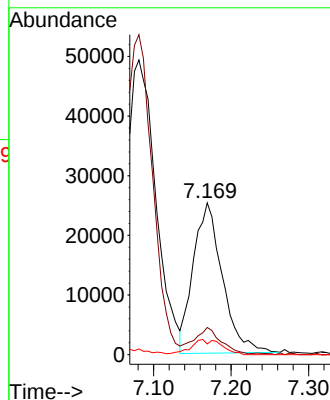
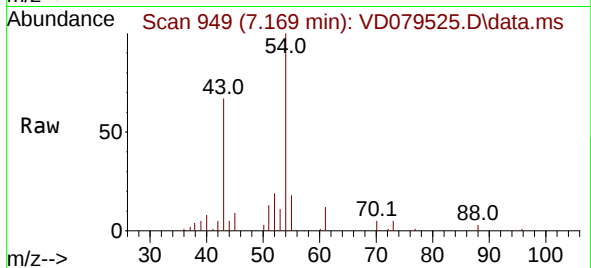
Tgt Ion: 43 Resp: 65650

Ion Ratio Lower Upper

43 100

61 15.6 13.9 20.9

70 5.2 9.8 14.6#



#38

Carbon Tetrachloride

Concen: 44.744 ug/l

RT: 7.987 min Scan# 1088

Delta R.T. -0.000 min

Lab File: VD079525.D

Acq: 01 Aug 2024 06:19

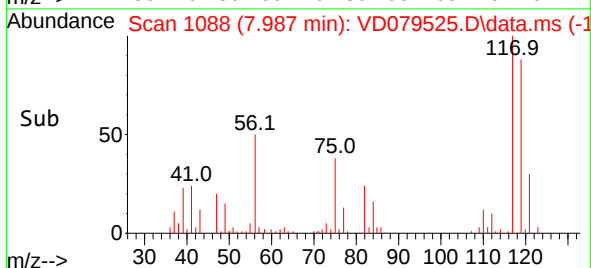
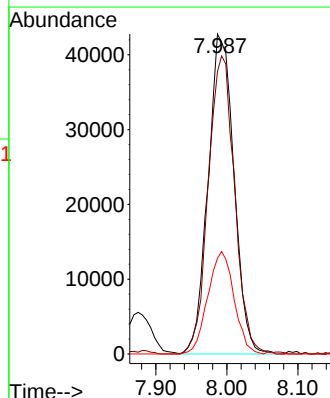
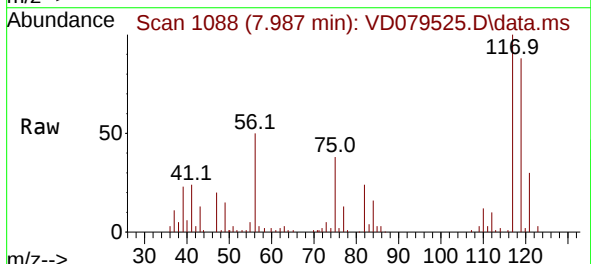
Tgt Ion: 117 Resp: 108322

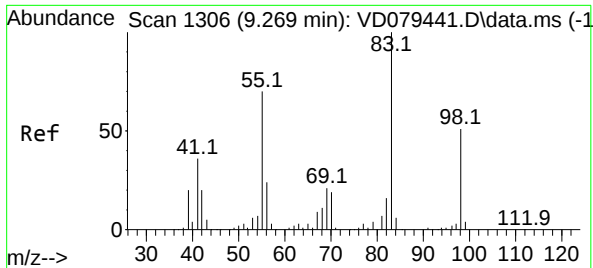
Ion Ratio Lower Upper

117 100

119 88.3 75.4 113.0

121 29.9 25.0 37.4





#39

Methylcyclohexane

Concen: 36.885 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

Lab File: VD079525.D

Acq: 01 Aug 2024 06:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

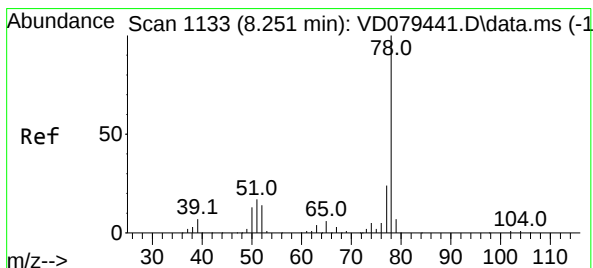
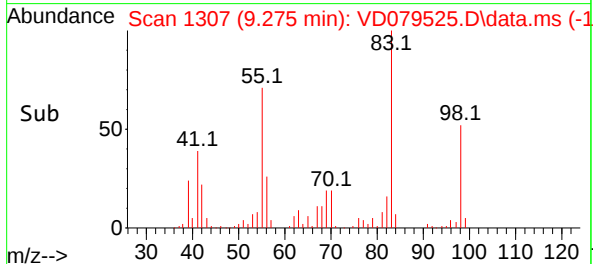
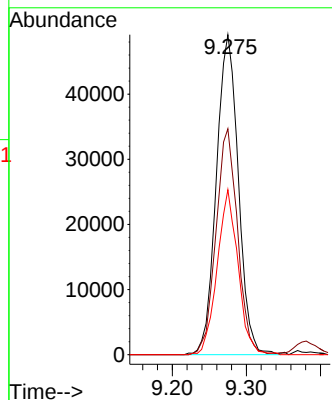
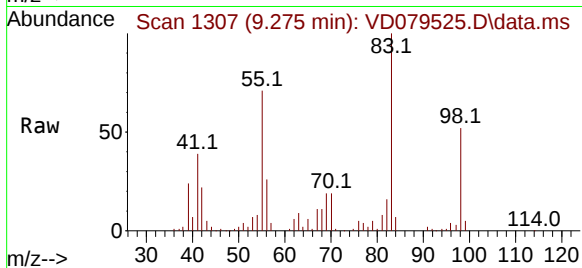
Tgt Ion: 83 Resp: 101350

Ion Ratio Lower Upper

83 100

55 70.6 50.1 75.1

98 51.5 41.9 62.9



#40

Benzene

Concen: 53.330 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. -0.000 min

Lab File: VD079525.D

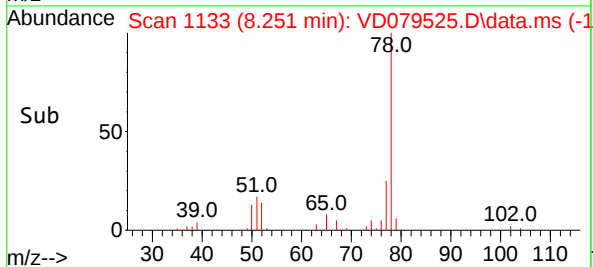
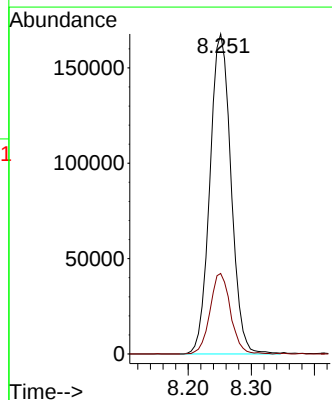
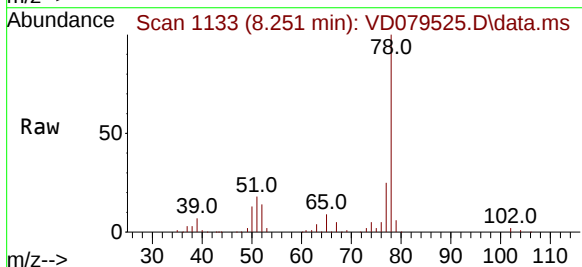
Acq: 01 Aug 2024 06:19

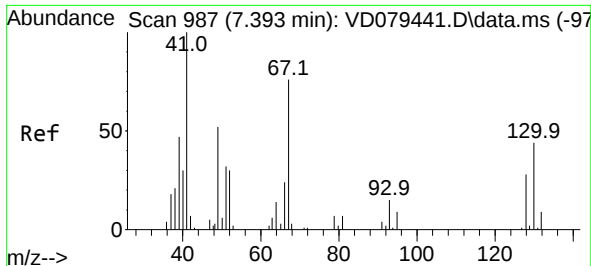
Tgt Ion: 78 Resp: 390083

Ion Ratio Lower Upper

78 100

77 25.2 18.1 27.1

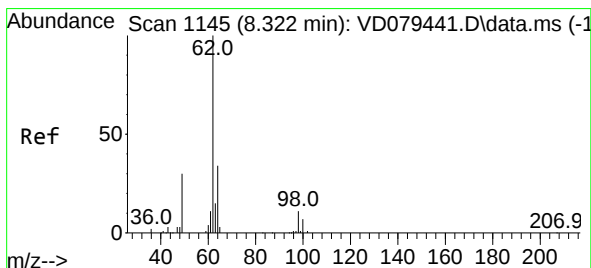
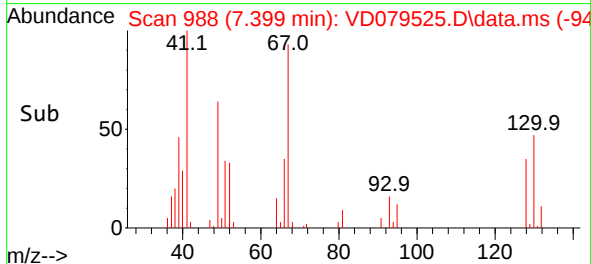
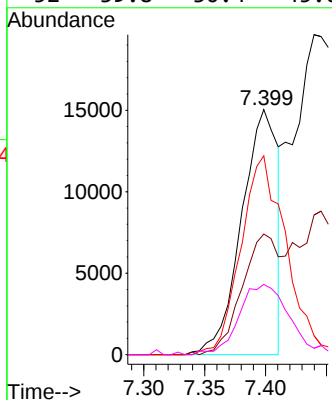
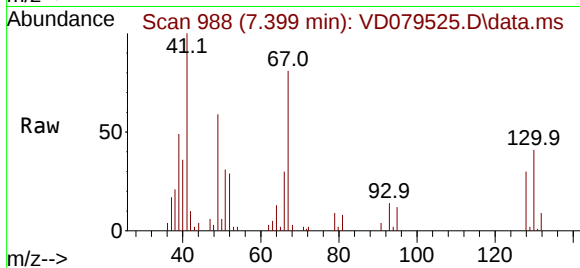




#41
Methacrylonitrile
Concen: 59.913 ug/l
RT: 7.399 min Scan# 911
Delta R.T. -0.018 min
Lab File: VD079525.D
Acq: 01 Aug 2024 06:19

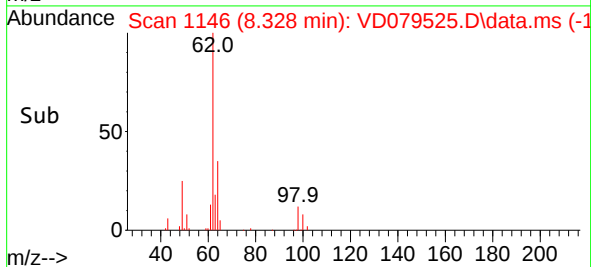
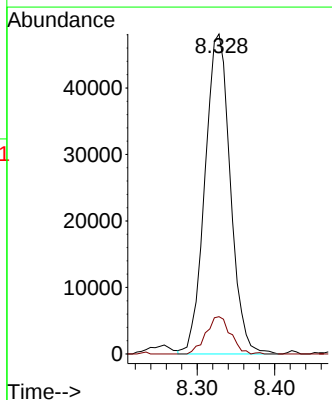
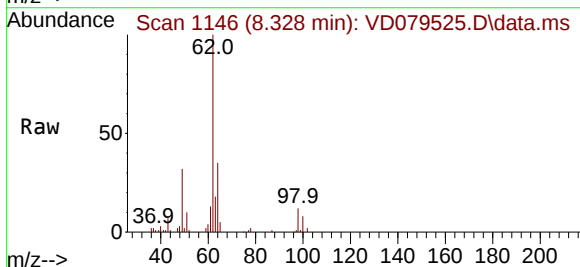
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

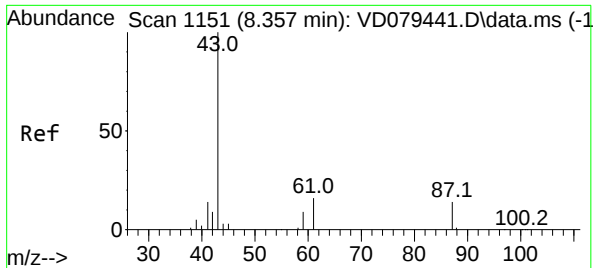
Tgt Ion:	41	Resp:	31117
Ion	Ratio	Lower	Upper
41	100		
39	48.8	41.4	62.0
67	102.7	85.8	128.6
52	39.8	30.4	45.6



#42
1,2-Dichloroethane
Concen: 62.756 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VD079525.D
Acq: 01 Aug 2024 06:19

Tgt Ion:	62	Resp:	109385
Ion	Ratio	Lower	Upper
62	100		
98	11.3	0.0	25.8

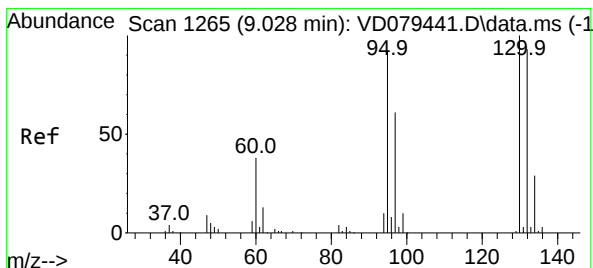
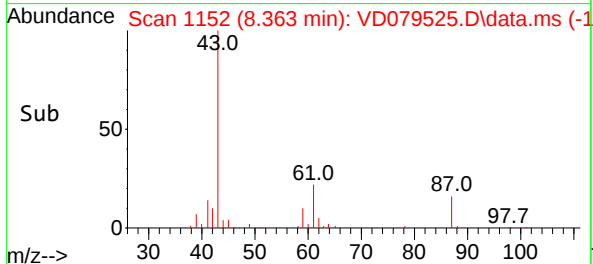
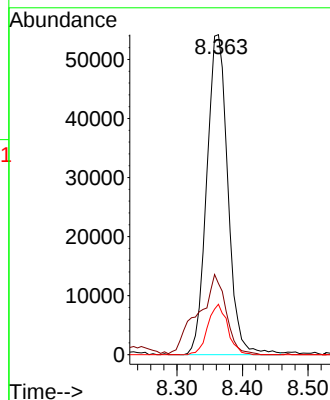
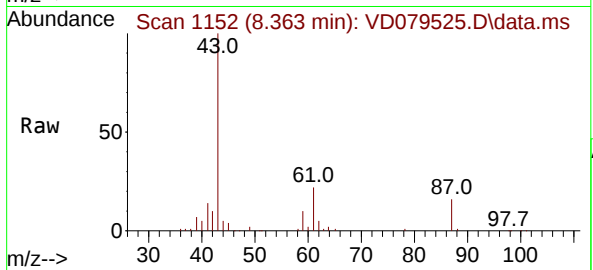




#43
Isopropyl Acetate
Concen: 68.164 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.006 min
Lab File: VD079525.D
Acq: 01 Aug 2024 06:19

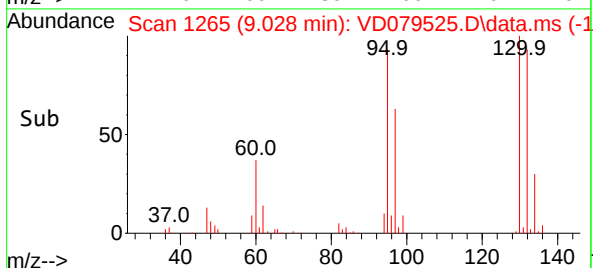
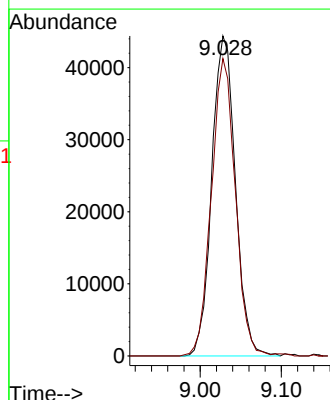
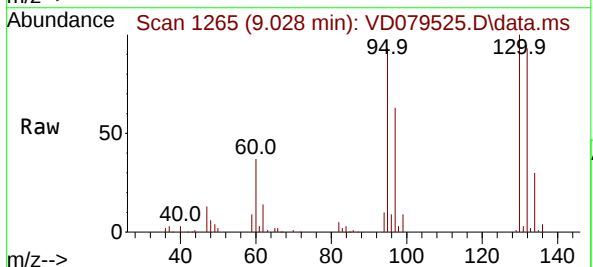
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 120962
Ion Ratio Lower Upper
43 100
61 33.2 29.3 43.9
87 14.9 14.9 22.3#



#44
Trichloroethene
Concen: 49.365 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD079525.D
Acq: 01 Aug 2024 06:19

Tgt Ion:130 Resp: 89886
Ion Ratio Lower Upper
130 100
95 92.9 0.0 177.8





#45

1,2-Dichloropropane

Concen: 56.315 ug/l

RT: 9.304 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD079525.D

Acq: 01 Aug 2024 06:19

Instrument :

MSVOA_D

ClientSampleId :

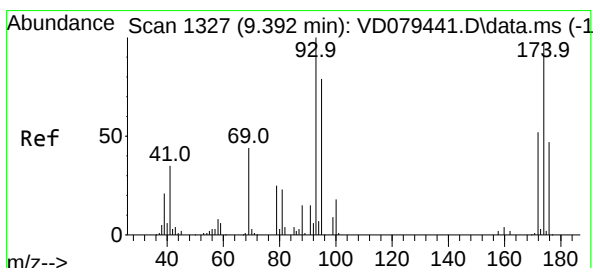
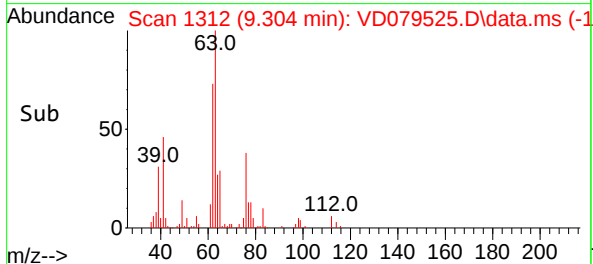
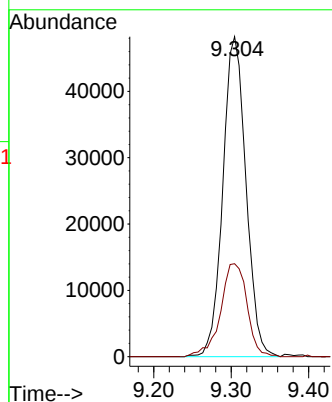
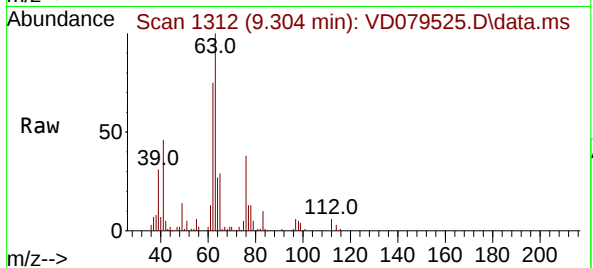
VSTDCCC050EC

Tgt Ion: 63 Resp: 100243

Ion Ratio Lower Upper

63 100

65 29.0 23.8 35.8



#46

Dibromomethane

Concen: 63.041 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD079525.D

Acq: 01 Aug 2024 06:19

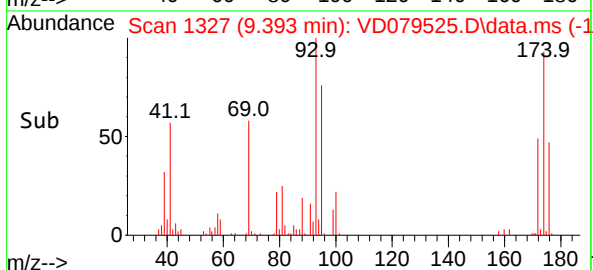
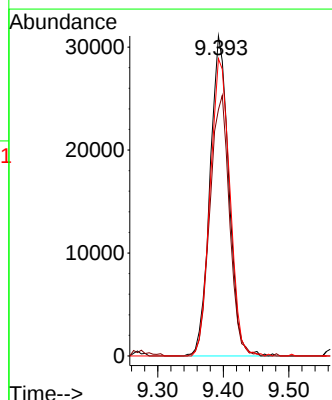
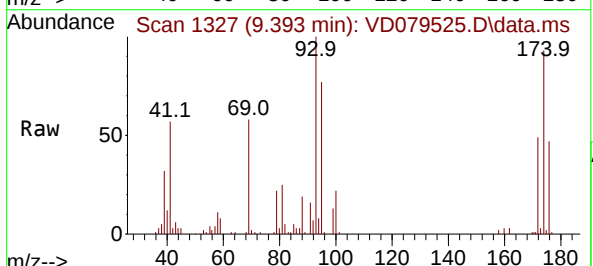
Tgt Ion: 93 Resp: 62210

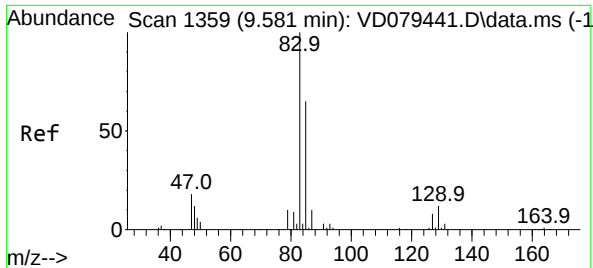
Ion Ratio Lower Upper

93 100

95 84.5 65.6 98.4

174 96.8 82.3 123.5

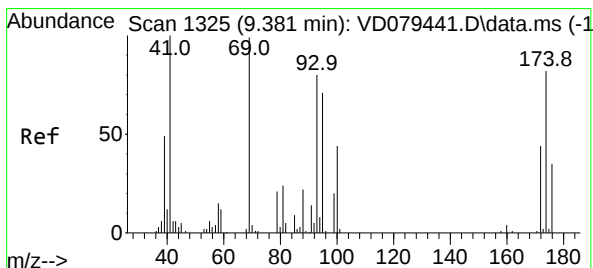
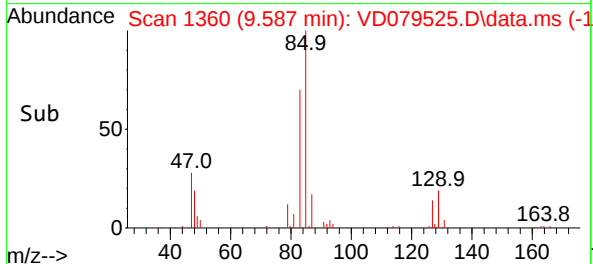
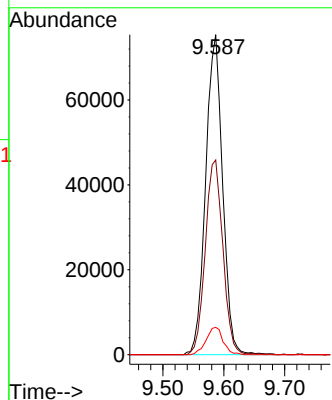
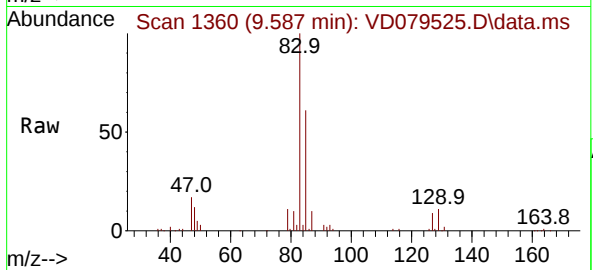




#47
Bromodichloromethane
Concen: 60.132 ug/l
RT: 9.587 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD079525.D
Acq: 01 Aug 2024 06:19

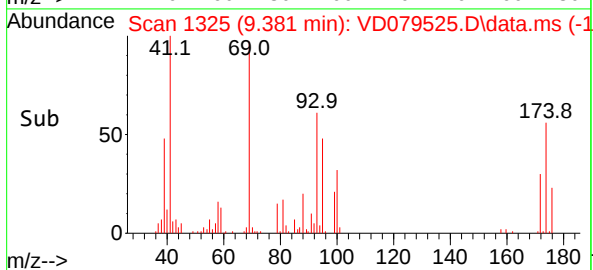
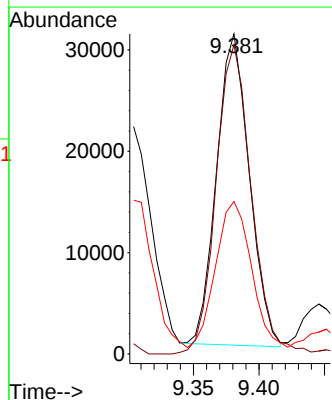
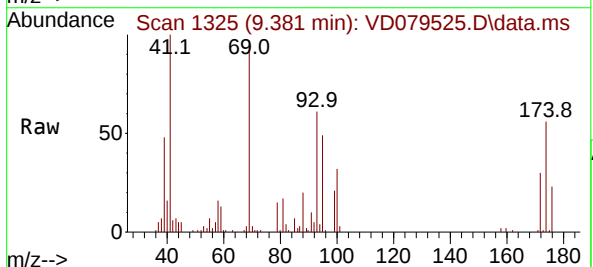
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

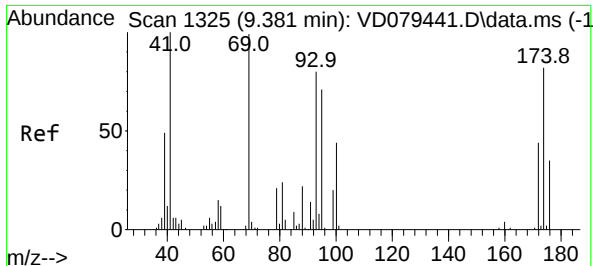
Tgt Ion: 83 Resp: 145704
Ion Ratio Lower Upper
83 100
85 60.8 50.1 75.1
127 8.6 6.8 10.2



#48
Methyl methacrylate
Concen: 67.100 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD079525.D
Acq: 01 Aug 2024 06:19

Tgt Ion: 41 Resp: 53289
Ion Ratio Lower Upper
41 100
69 107.3 96.7 145.1
39 56.0 43.8 65.6





#49

1,4-Dioxane

Concen: 1373.758 ug/l

RT: 9.387 min Scan# 1325

Delta R.T. -0.006 min

Lab File: VD079525.D

Acq: 01 Aug 2024 06:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

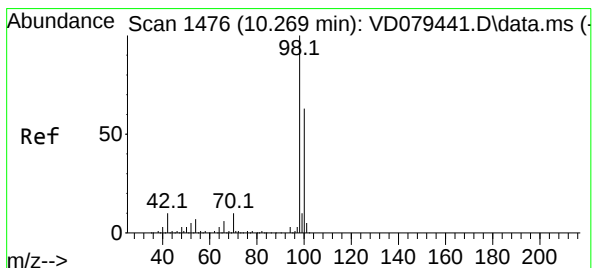
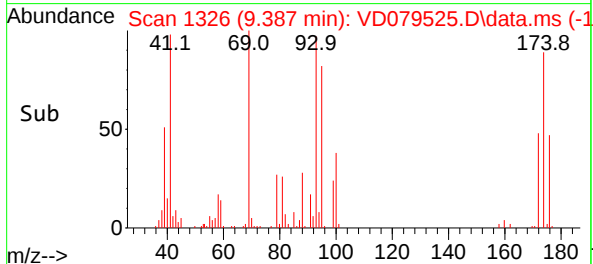
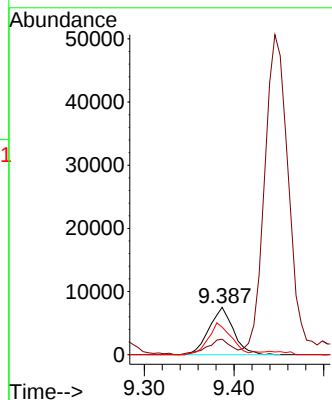
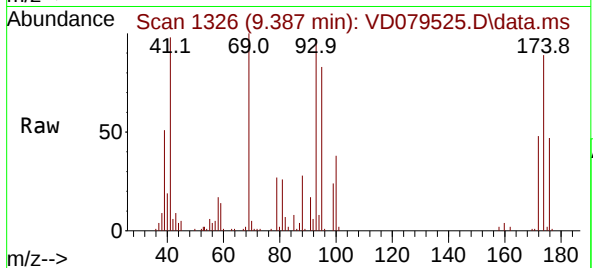
Tgt Ion: 88 Resp: 14047

Ion Ratio Lower Upper

88 100

43 32.5 21.5 32.3#

58 64.9 42.2 63.4#



#50

Toluene-d8

Concen: 50.762 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VD079525.D

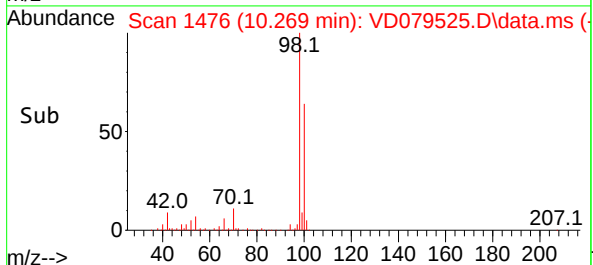
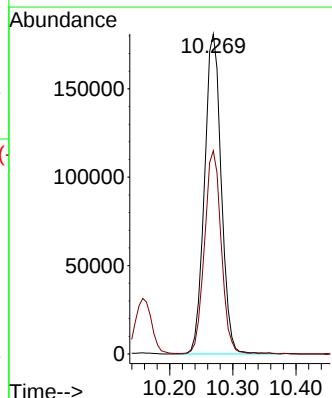
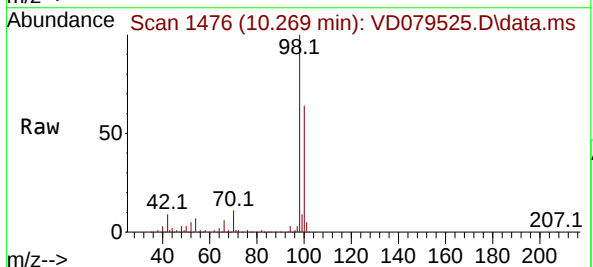
Acq: 01 Aug 2024 06:19

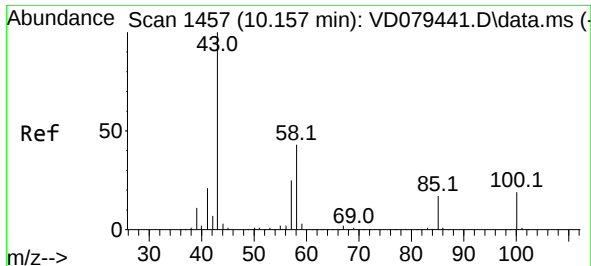
Tgt Ion: 98 Resp: 332605

Ion Ratio Lower Upper

98 100

100 63.0 51.6 77.4

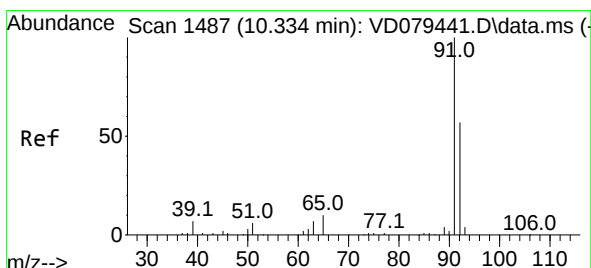
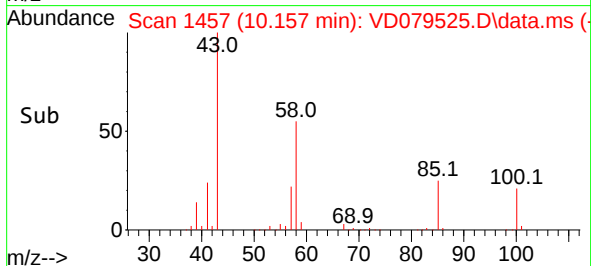
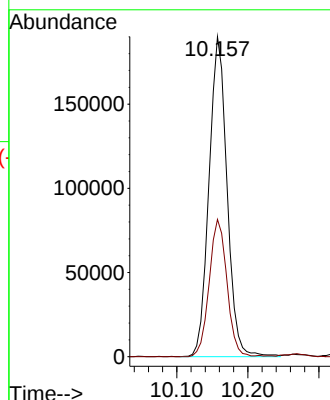
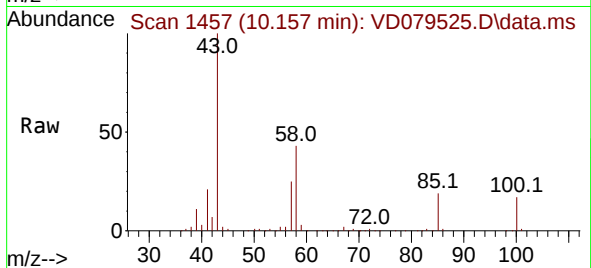




#51
4-Methyl-2-Pentanone
Concen: 370.464 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD079525.D
Acq: 01 Aug 2024 06:19

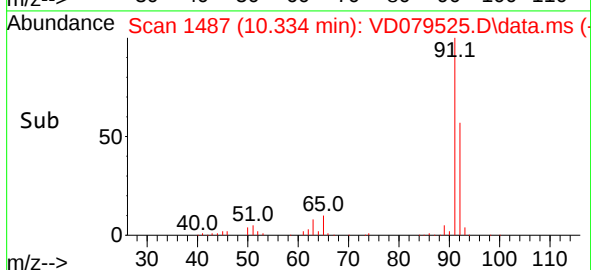
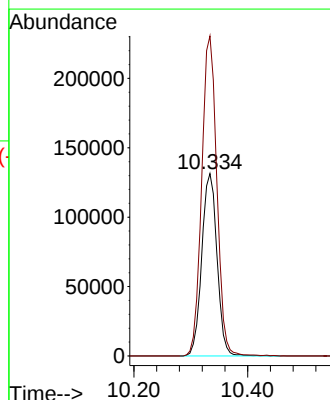
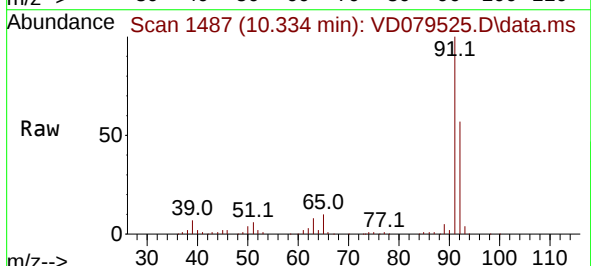
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

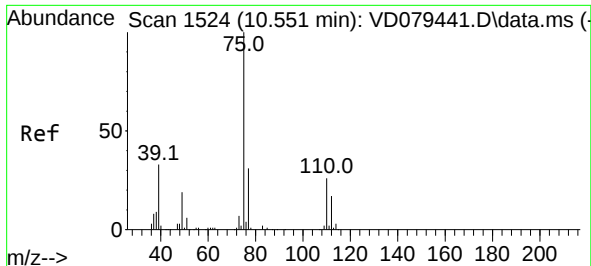
Tgt Ion: 43 Resp: 335641
Ion Ratio Lower Upper
43 100
58 42.1 36.6 55.0



#52
Toluene
Concen: 54.005 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.006 min
Lab File: VD079525.D
Acq: 01 Aug 2024 06:19

Tgt Ion: 92 Resp: 244308
Ion Ratio Lower Upper
92 100
91 174.5 141.7 212.5

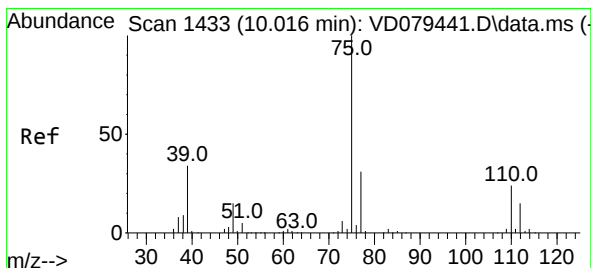
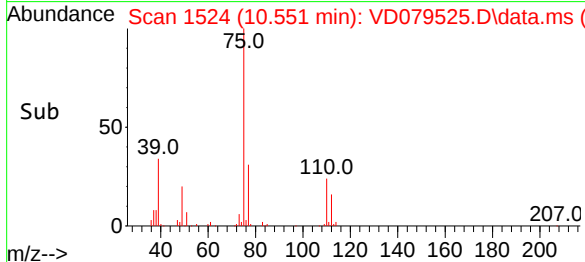
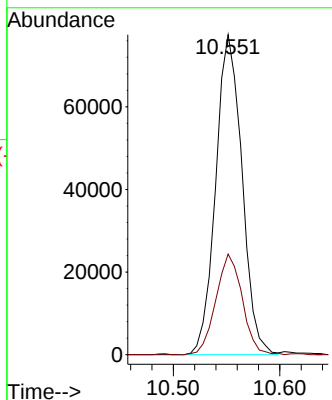
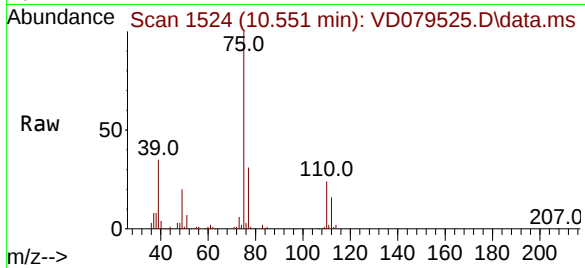




#53
 t-1,3-Dichloropropene
 Concen: 59.266 ug/l
 RT: 10.551 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VD079525.D
 Acq: 01 Aug 2024 06:19

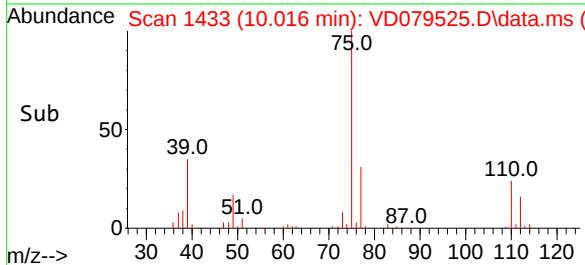
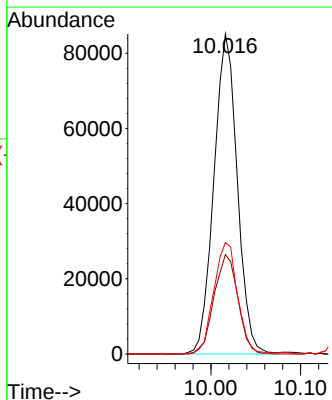
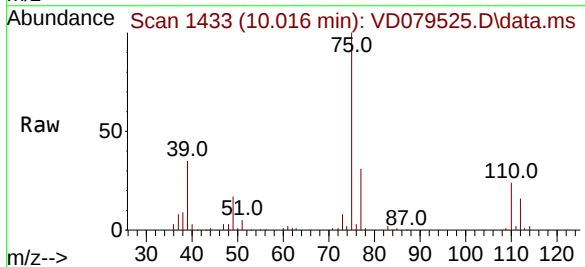
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

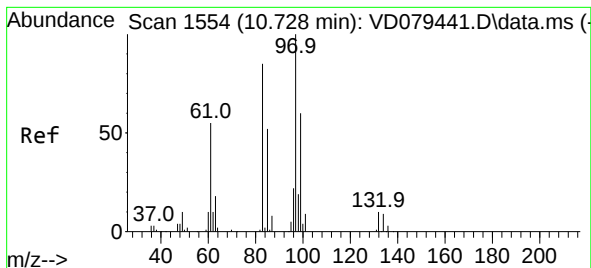
Tgt Ion: 75 Resp: 132615
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 57.216 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD079525.D
 Acq: 01 Aug 2024 06:19

Tgt Ion: 75 Resp: 154000
 Ion Ratio Lower Upper
 75 100
 77 31.0 24.4 36.6
 39 34.8 24.2 36.2





#55

1,1,2-Trichloroethane

Concen: 64.807 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. 0.006 min

Lab File: VD079525.D

Acq: 01 Aug 2024 06:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 84244

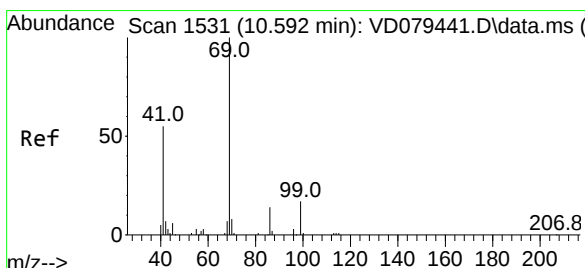
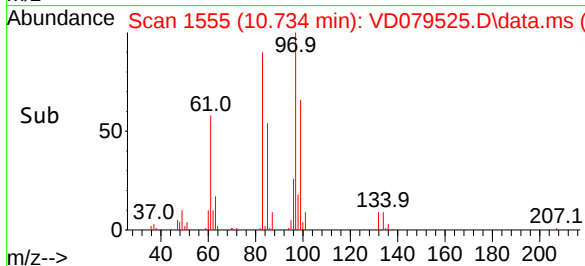
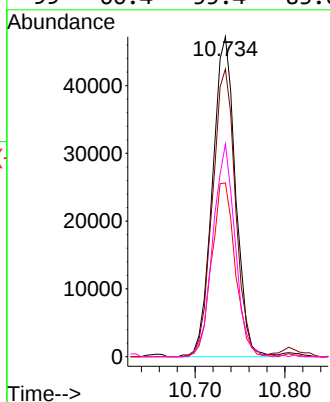
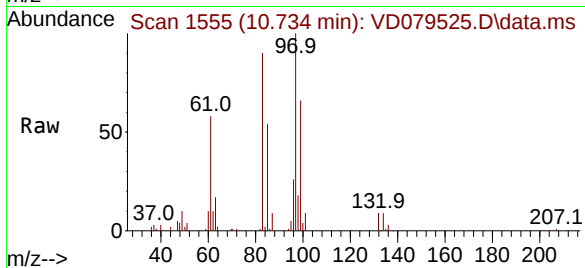
Ion Ratio Lower Upper

97 100

83 89.9 65.8 98.8

85 54.3 43.8 65.8

99 66.4 55.4 83.0



#56

Ethyl methacrylate

Concen: 69.361 ug/l

RT: 10.598 min Scan# 1532

Delta R.T. -0.000 min

Lab File: VD079525.D

Acq: 01 Aug 2024 06:19

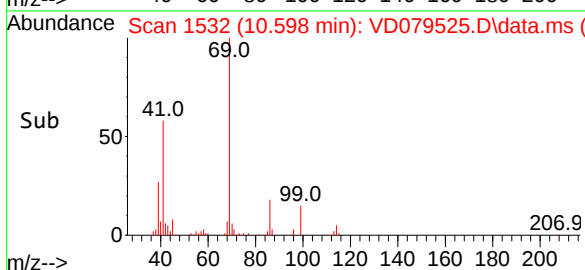
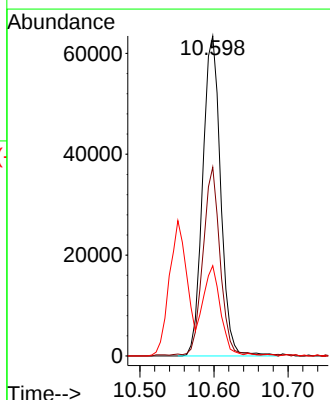
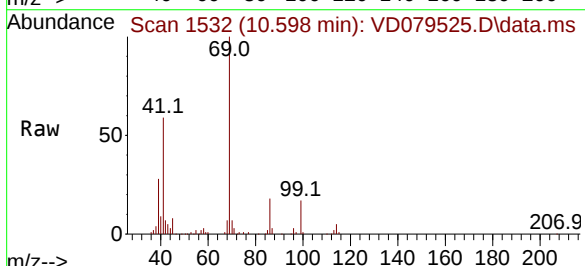
Tgt Ion: 69 Resp: 106833

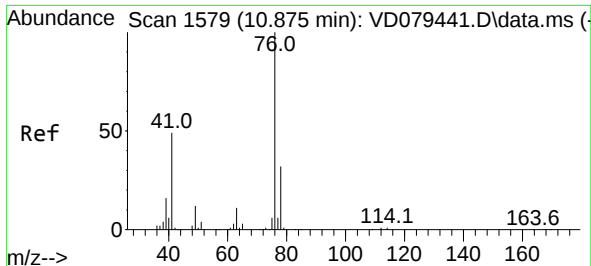
Ion Ratio Lower Upper

69 100

41 55.9 39.8 59.6

39 27.1 20.2 30.4





#57

1,3-Dichloropropane

Concen: 64.194 ug/l

RT: 10.881 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD079525.D

Acq: 01 Aug 2024 06:19

Instrument :

MSVOA_D

ClientSampleId :

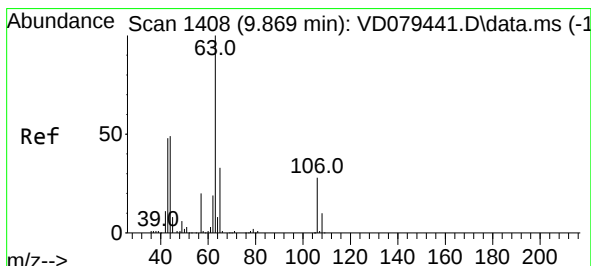
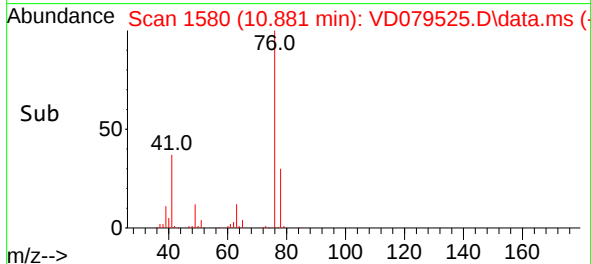
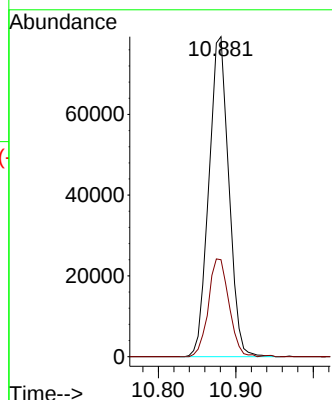
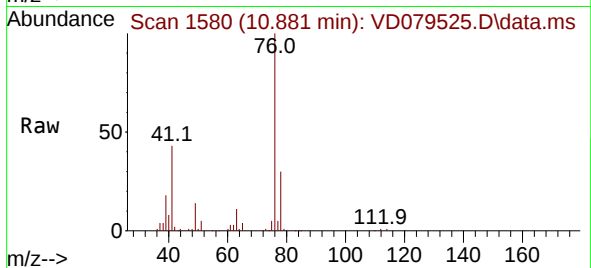
VSTDCCC050EC

Tgt Ion: 76 Resp: 141801

Ion Ratio Lower Upper

76 100

78 31.5 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 362.243 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD079525.D

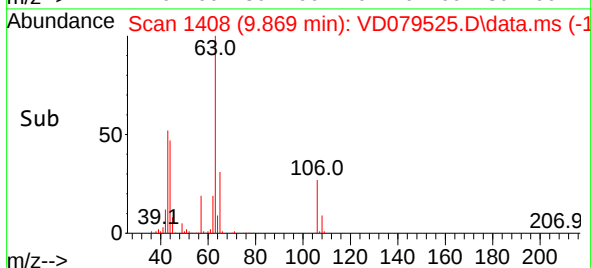
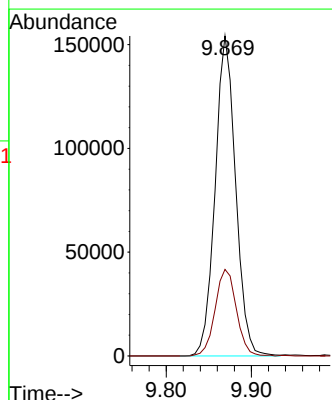
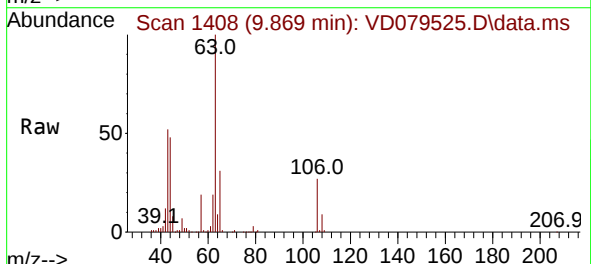
Acq: 01 Aug 2024 06:19

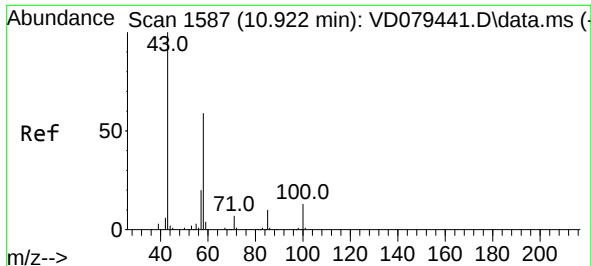
Tgt Ion: 63 Resp: 257309

Ion Ratio Lower Upper

63 100

106 28.0 26.4 39.6

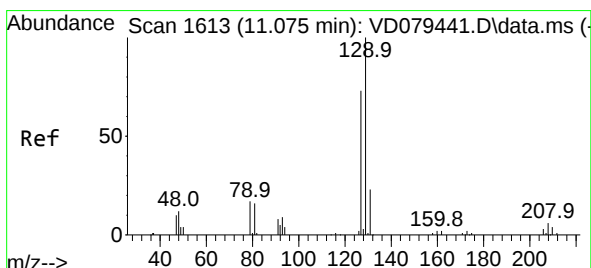
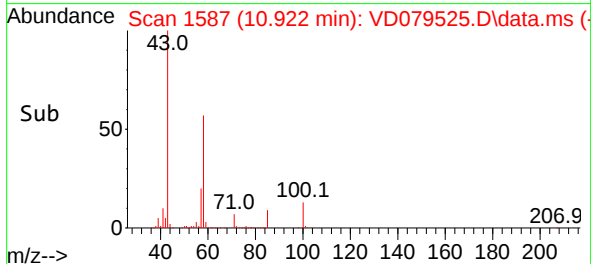
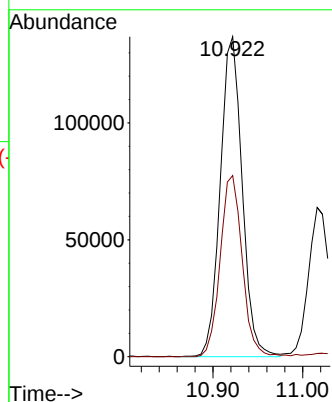
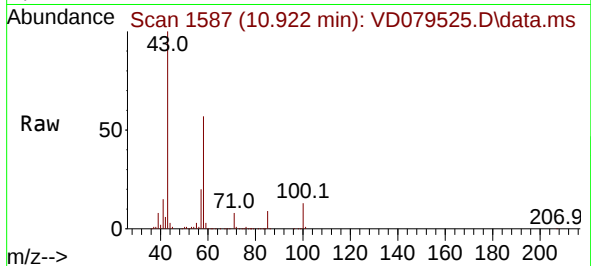




#59
2-Hexanone
Concen: 366.965 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VD079525.D
Acq: 01 Aug 2024 06:19

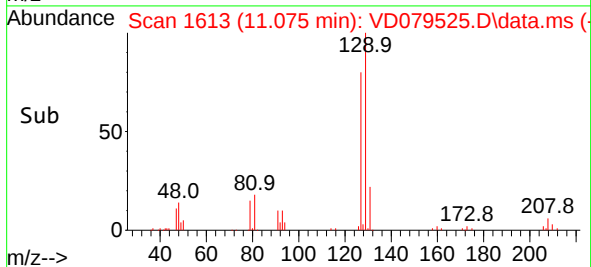
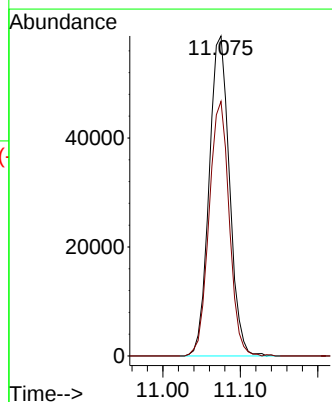
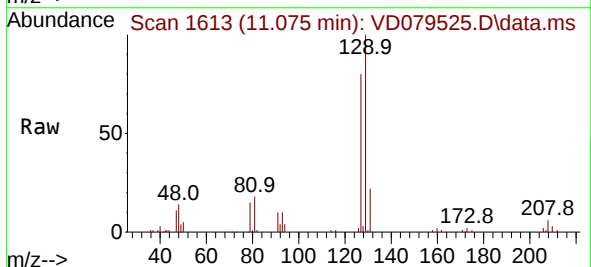
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

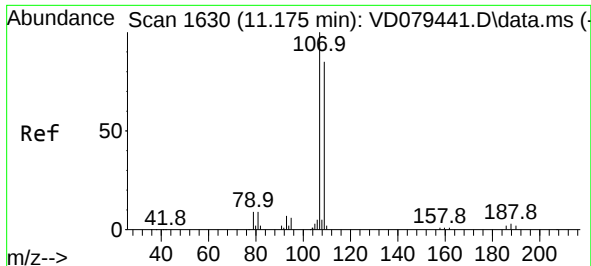
Tgt Ion: 43 Resp: 231873
Ion Ratio Lower Upper
43 100
58 57.0 31.1 93.5



#60
Dibromochloromethane
Concen: 63.079 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.006 min
Lab File: VD079525.D
Acq: 01 Aug 2024 06:19

Tgt Ion: 129 Resp: 107117
Ion Ratio Lower Upper
129 100
127 78.6 38.0 113.9

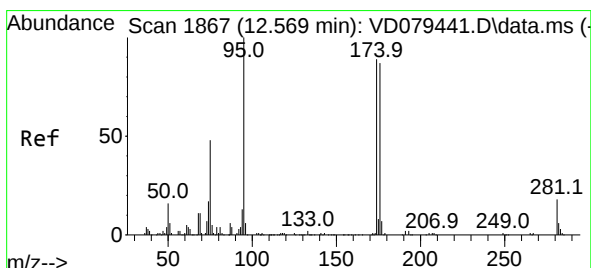
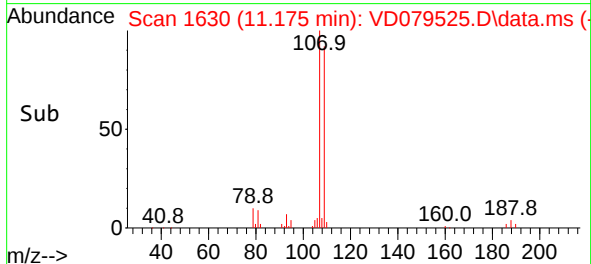
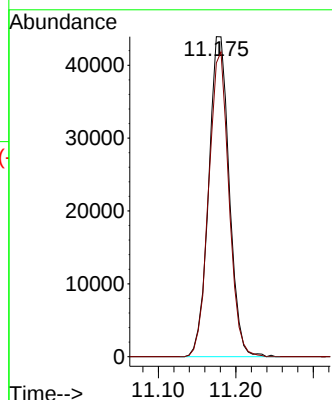
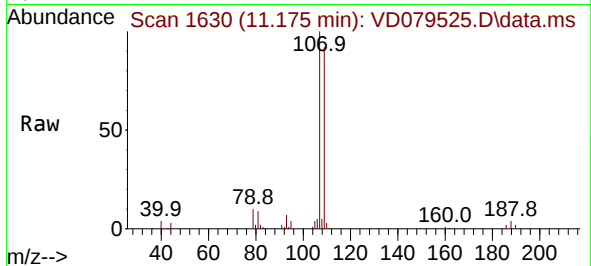




#61
1,2-Dibromoethane
Concen: 66.568 ug/l
RT: 11.175 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VD079525.D
Acq: 01 Aug 2024 06:19

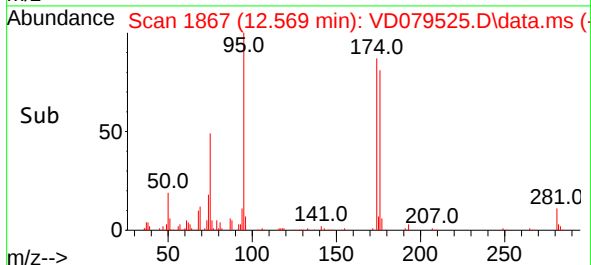
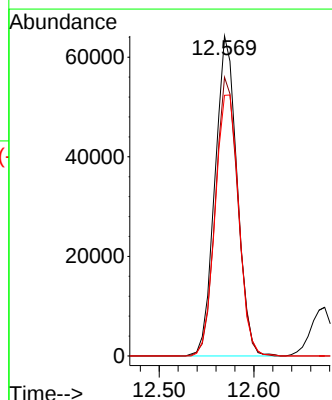
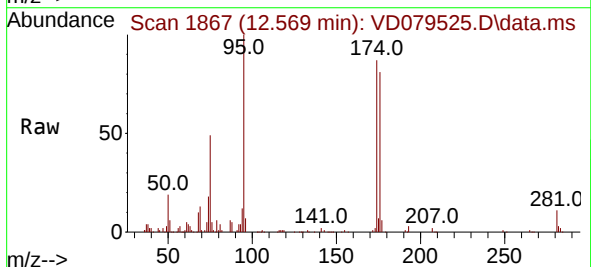
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:107 Resp: 81067
Ion Ratio Lower Upper
107 100
109 93.3 72.0 108.0



#62
4-Bromofluorobenzene
Concen: 55.096 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079525.D
Acq: 01 Aug 2024 06:19

Tgt Ion: 95 Resp: 104467
Ion Ratio Lower Upper
95 100
174 88.1 0.0 195.4
176 86.8 0.0 192.6

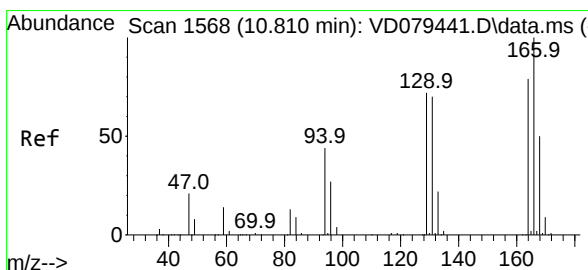
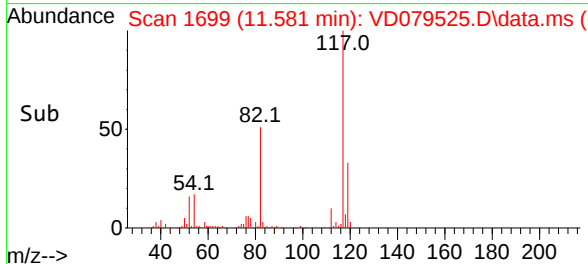
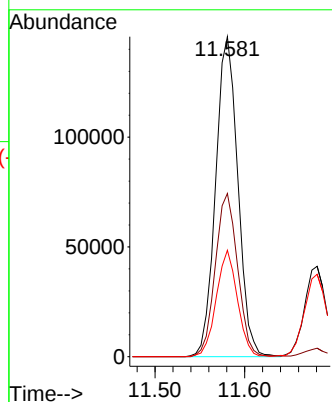
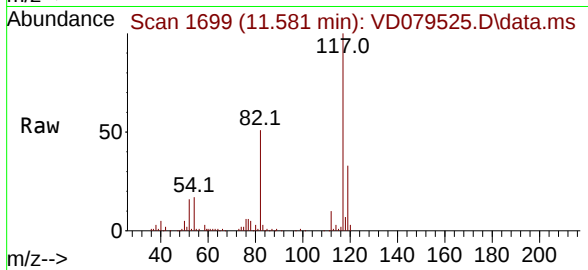




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD079525.D
Acq: 01 Aug 2024 06:19

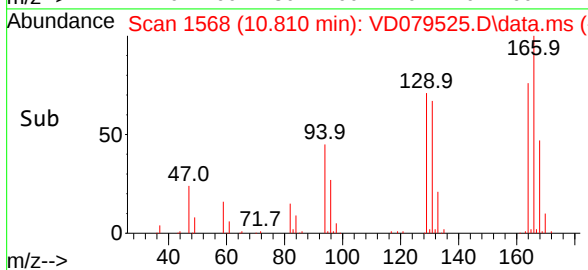
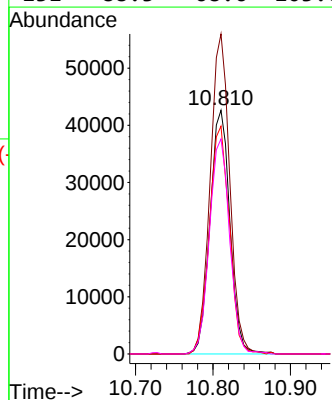
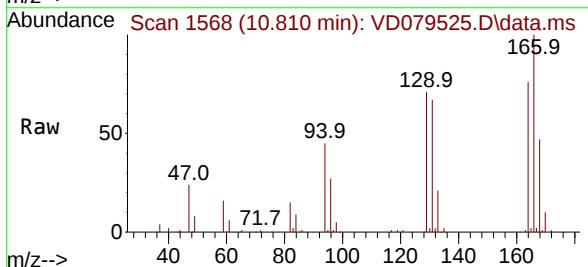
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

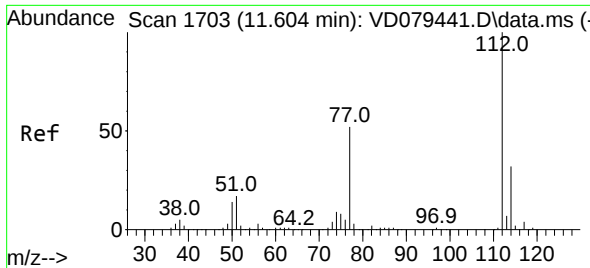
Tgt Ion:117 Resp: 250414
Ion Ratio Lower Upper
117 100
82 51.0 39.8 59.6
119 33.3 25.7 38.5



#64
Tetrachloroethene
Concen: 45.292 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD079525.D
Acq: 01 Aug 2024 06:19

Tgt Ion:164 Resp: 76478
Ion Ratio Lower Upper
164 100
166 131.3 108.6 163.0
129 93.5 74.6 112.0
131 88.3 68.6 103.0

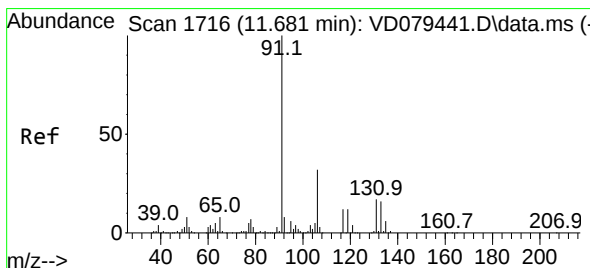
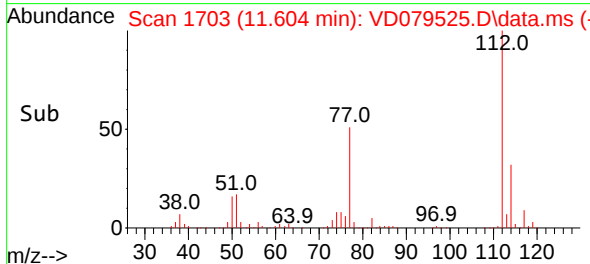
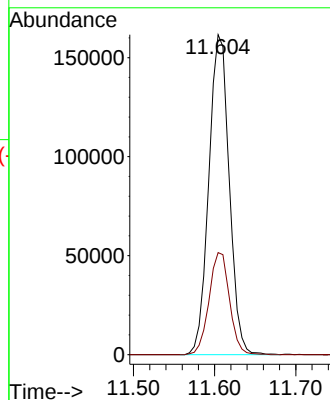
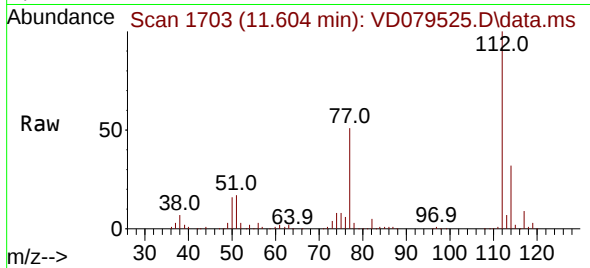




#65
Chlorobenzene
Concen: 50.850 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VD079525.D
Acq: 01 Aug 2024 06:19

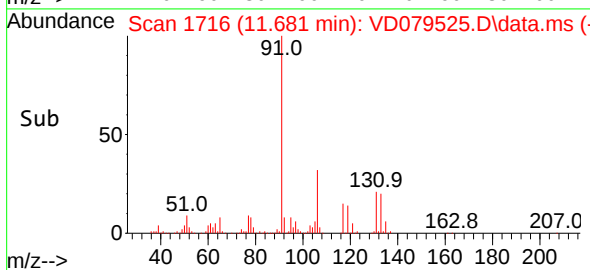
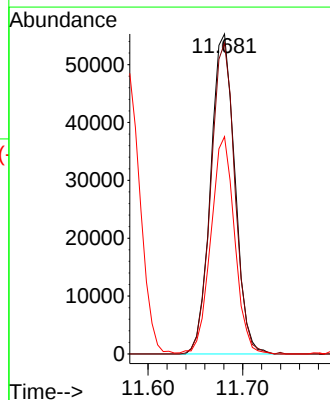
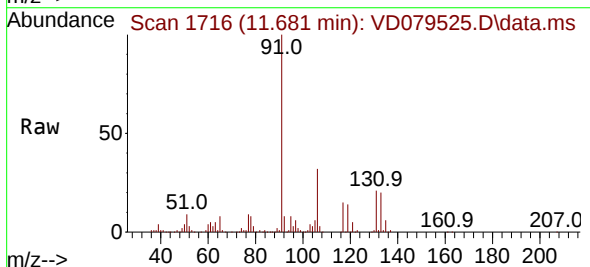
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

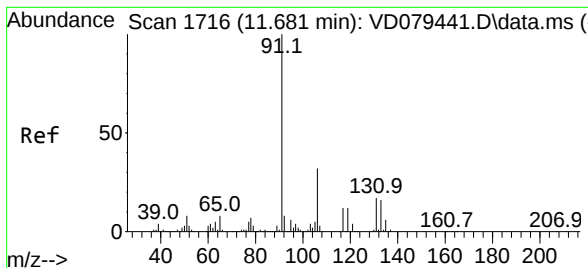
Tgt Ion:112 Resp: 281968
Ion Ratio Lower Upper
112 100
114 31.9 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 53.765 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD079525.D
Acq: 01 Aug 2024 06:19

Tgt Ion:131 Resp: 98090
Ion Ratio Lower Upper
131 100
133 96.6 49.2 147.6
119 66.7 33.4 100.2

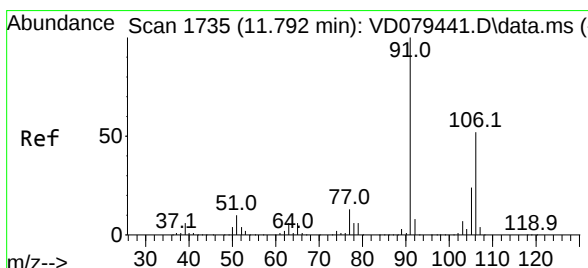
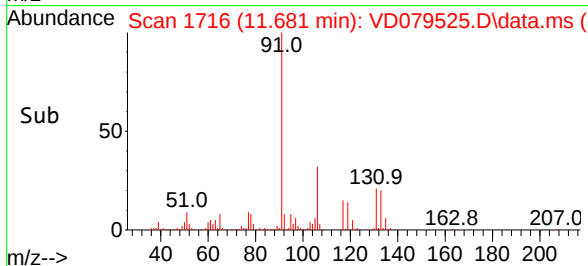
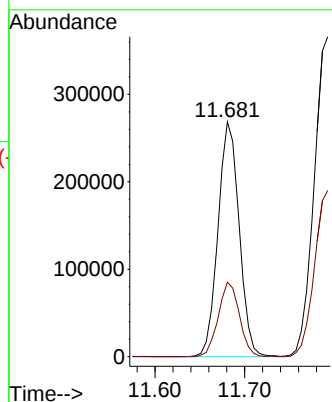
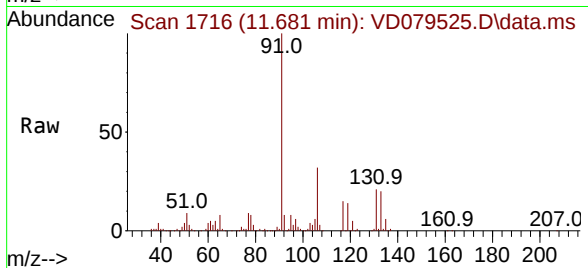




#67
Ethyl Benzene
Concen: 48.384 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD079525.D
Acq: 01 Aug 2024 06:19

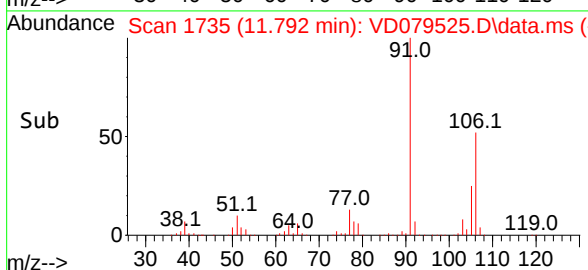
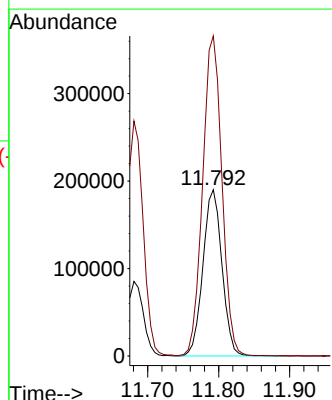
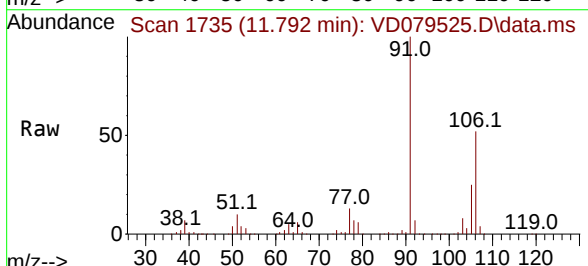
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

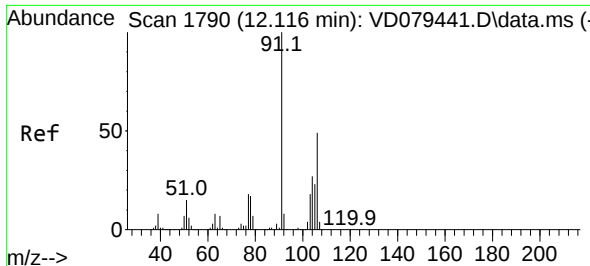
Tgt Ion: 91 Resp: 439218
Ion Ratio Lower Upper
91 100
106 31.8 25.8 38.6



#68
m/p-Xylenes
Concen: 98.331 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD079525.D
Acq: 01 Aug 2024 06:19

Tgt Ion: 106 Resp: 354136
Ion Ratio Lower Upper
106 100
91 195.4 148.5 222.7





#69

o-Xylene

Concen: 51.231 ug/l

RT: 12.122 min Scan# 1791

Delta R.T. 0.006 min

Lab File: VD079525.D

Acq: 01 Aug 2024 06:19

Instrument :

MSVOA_D

ClientSampleId :

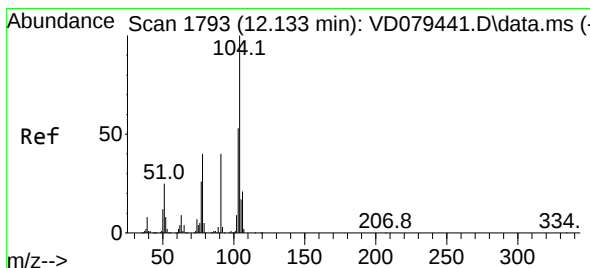
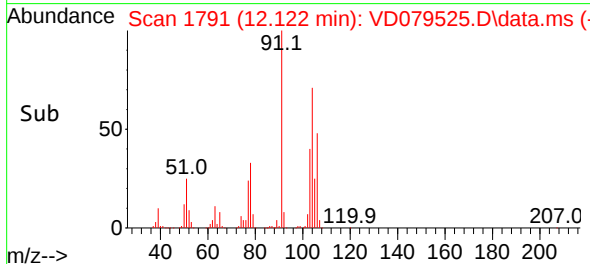
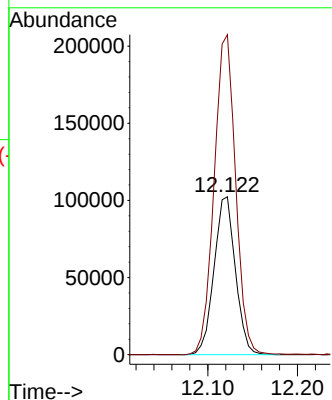
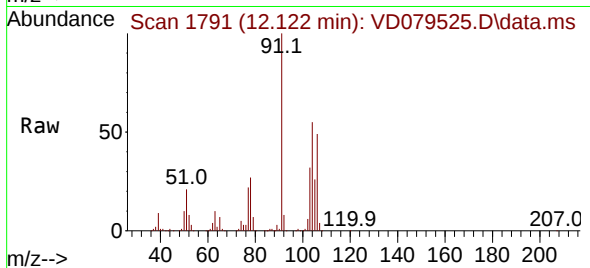
VSTDCCC050EC

Tgt Ion:106 Resp: 169118

Ion Ratio Lower Upper

106 100

91 204.1 96.7 290.1



#70

Styrene

Concen: 54.670 ug/l

RT: 12.134 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VD079525.D

Acq: 01 Aug 2024 06:19

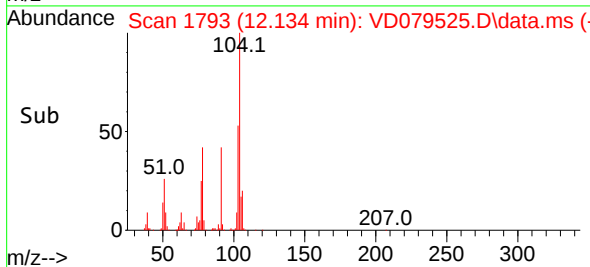
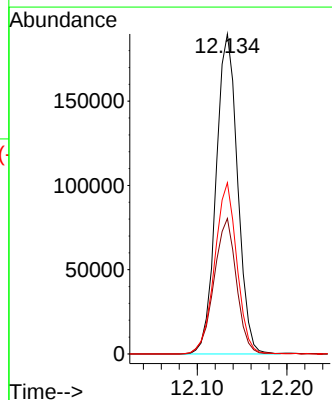
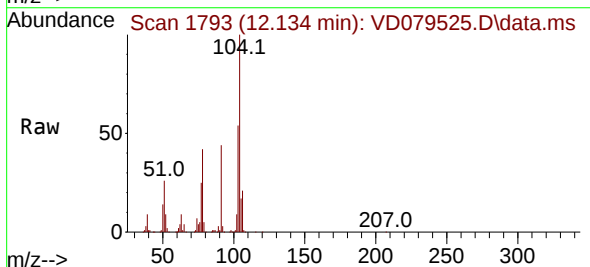
Tgt Ion:104 Resp: 316399

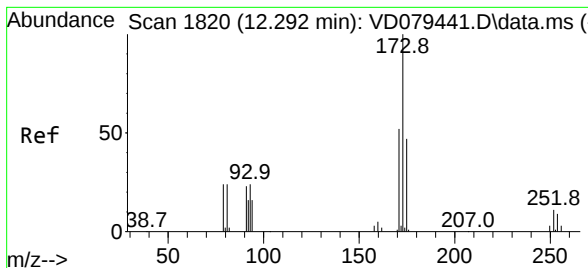
Ion Ratio Lower Upper

104 100

78 44.3 33.0 49.6

103 55.2 44.2 66.4





#71

Bromoform

Concen: 62.392 ug/l

RT: 12.298 min Scan# 1820

Delta R.T. 0.006 min

Lab File: VD079525.D

Acq: 01 Aug 2024 06:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

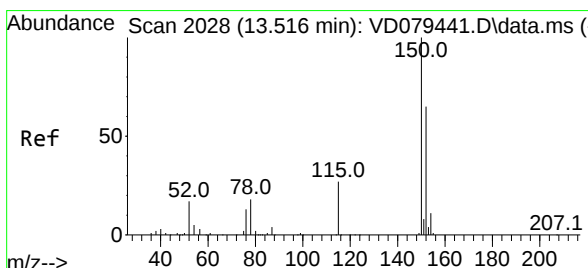
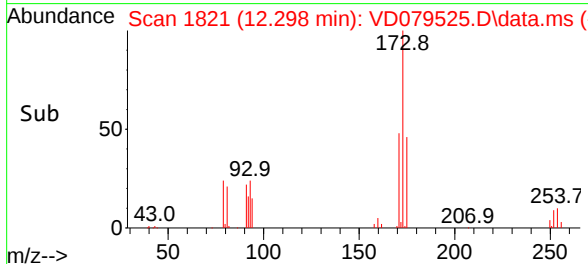
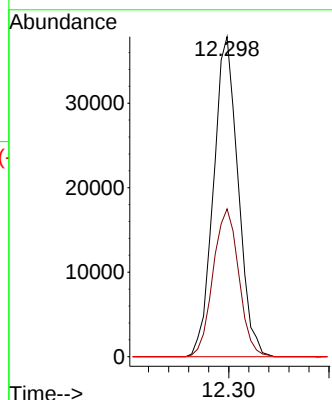
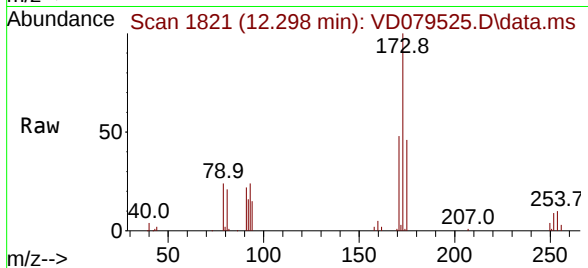
Tgt Ion:173 Resp: 64350

Ion Ratio Lower Upper

173 100

175 48.4 23.7 71.1

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. 0.006 min

Lab File: VD079525.D

Acq: 01 Aug 2024 06:19

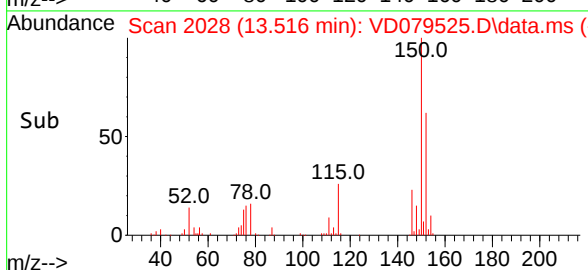
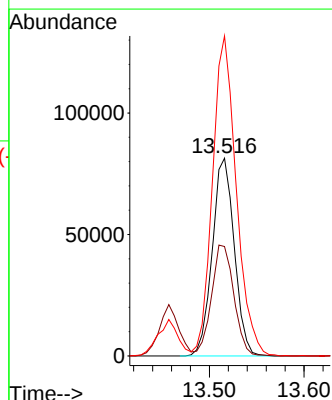
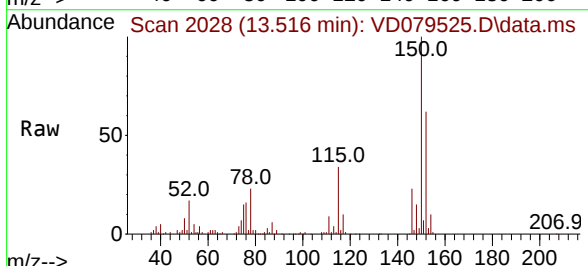
Tgt Ion:152 Resp: 131211

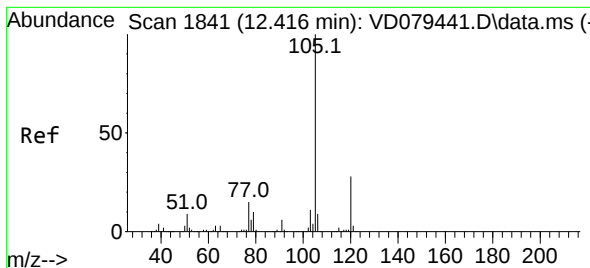
Ion Ratio Lower Upper

152 100

115 57.3 26.5 79.5

150 175.0 0.0 341.6





#73

Isopropylbenzene

Concen: 41.809 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. 0.006 min

Lab File: VD079525.D

Acq: 01 Aug 2024 06:19

Instrument :

MSVOA_D

ClientSampleId :

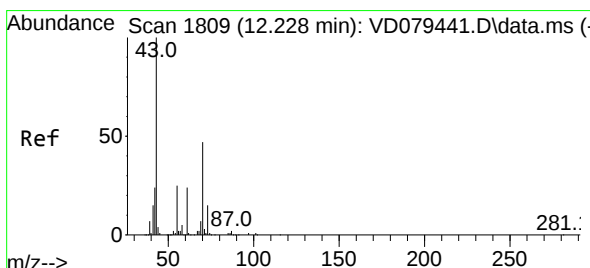
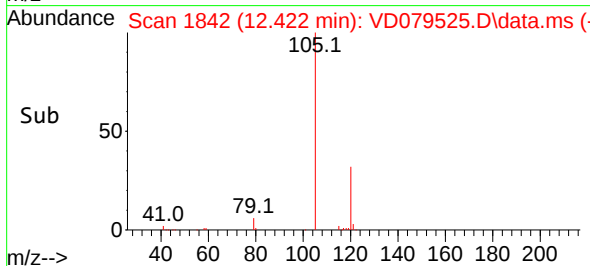
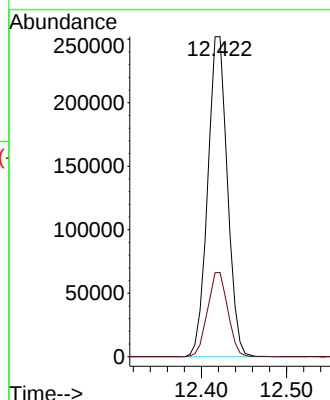
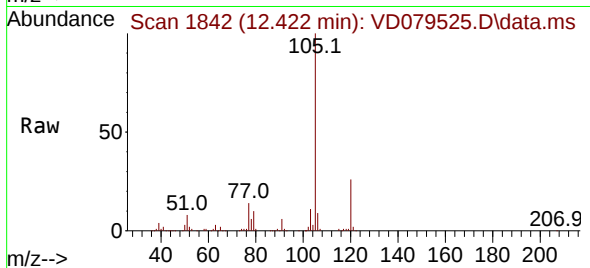
VSTDCCC050EC

Tgt Ion:105 Resp: 404566

Ion Ratio Lower Upper

105 100

120 27.1 13.6 40.7



#74

N-ethyl acetate

Concen: 61.211 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VD079525.D

Acq: 01 Aug 2024 06:19

Tgt Ion: 43 Resp: 118131

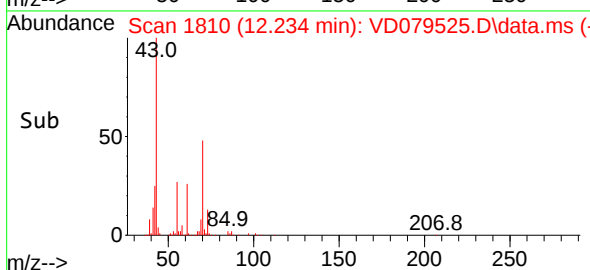
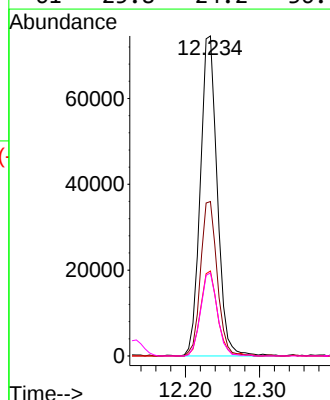
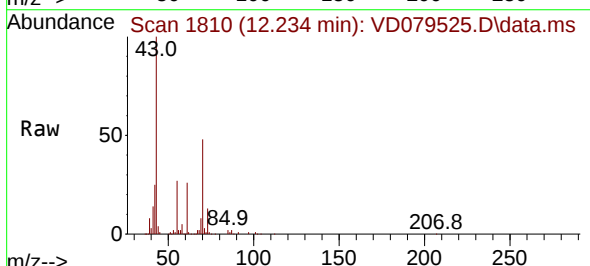
Ion Ratio Lower Upper

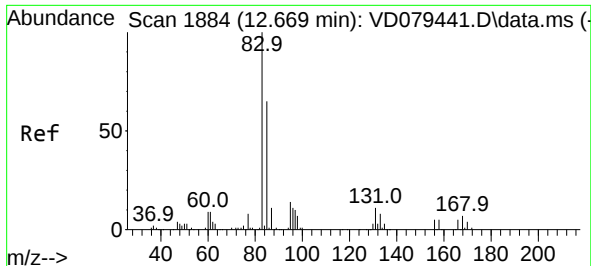
43 100

70 47.5 44.3 66.5

55 26.6 23.2 34.8

61 25.8 24.2 36.4

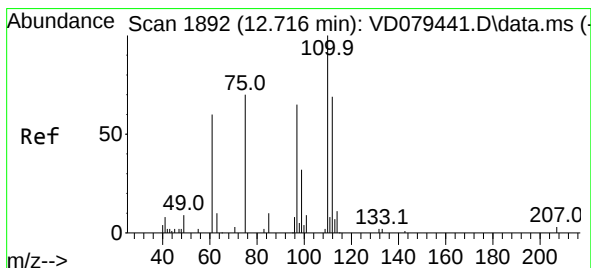
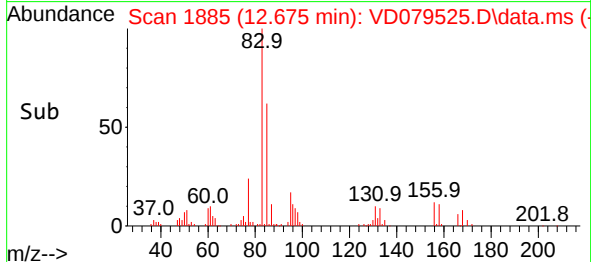
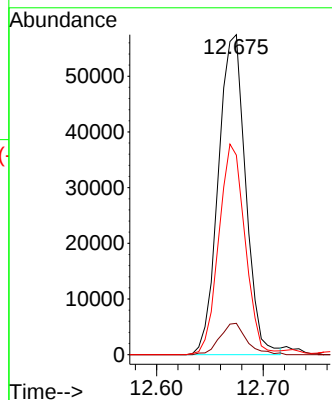
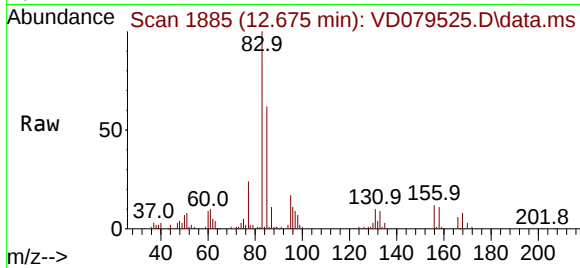




#75
1,1,2,2-Tetrachloroethane
Concen: 59.931 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.006 min
Lab File: VD079525.D
Acq: 01 Aug 2024 06:19

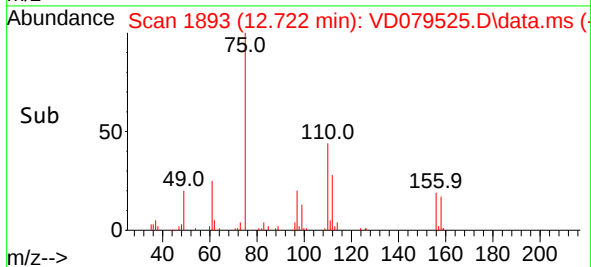
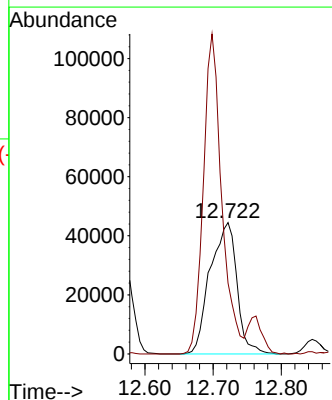
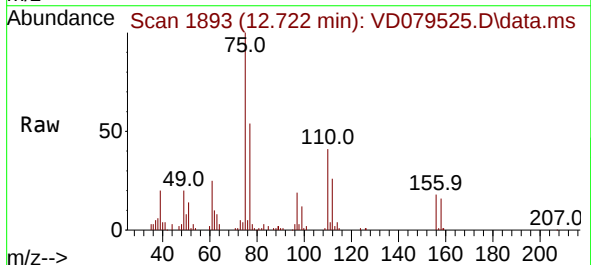
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

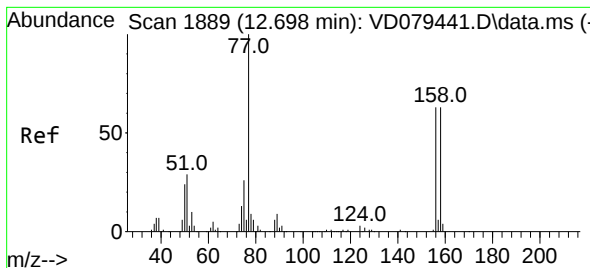
Tgt Ion: 83 Resp: 102156
Ion Ratio Lower Upper
83 100
131 9.7 5.5 16.5
85 63.1 33.8 101.3



#76
1,2,3-Trichloropropane
Concen: 106.087 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VD079525.D
Acq: 01 Aug 2024 06:19

Tgt Ion: 75 Resp: 121673
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 51.876 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. -0.000 min

Lab File: VD079525.D

Acq: 01 Aug 2024 06:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

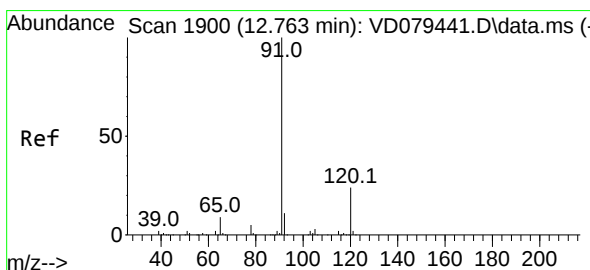
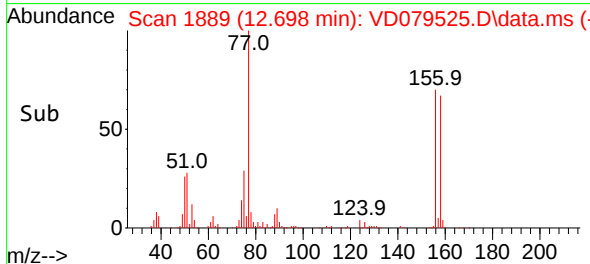
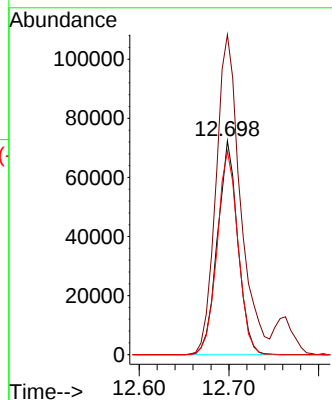
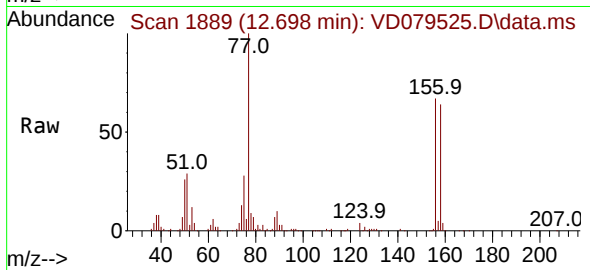
Tgt Ion:156 Resp: 114134

Ion Ratio Lower Upper

156 100

77 178.8 77.3 231.9

158 97.8 49.6 149.0



#78

n-propylbenzene

Concen: 44.909 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.006 min

Lab File: VD079525.D

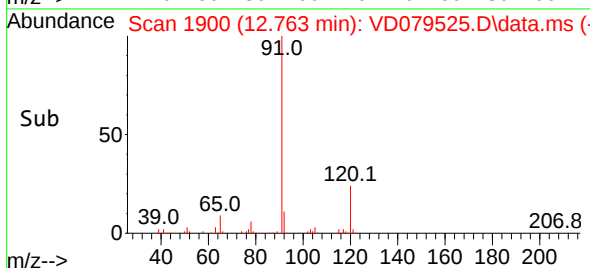
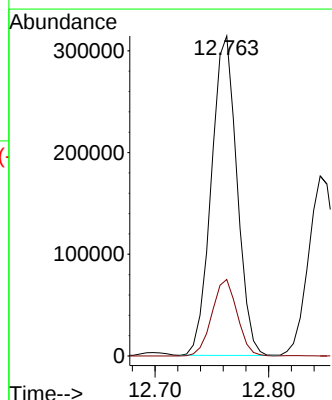
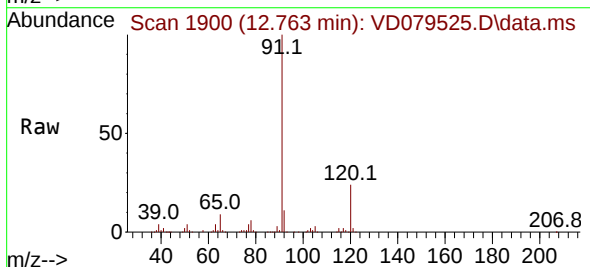
Acq: 01 Aug 2024 06:19

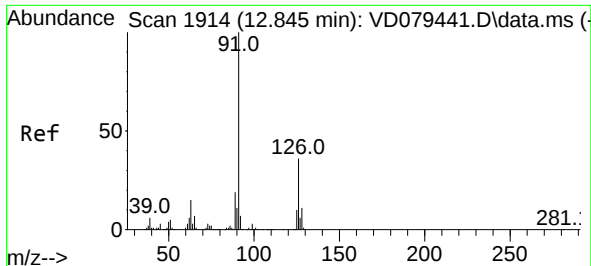
Tgt Ion: 91 Resp: 492563

Ion Ratio Lower Upper

91 100

120 23.5 12.3 36.8

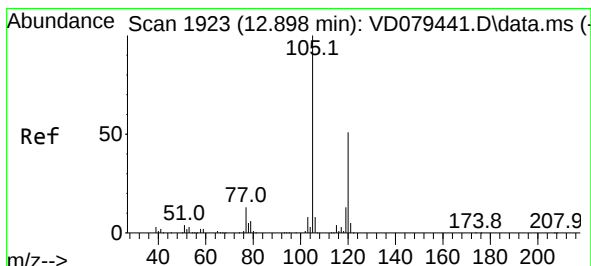
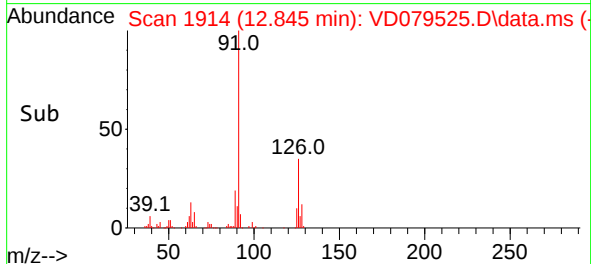
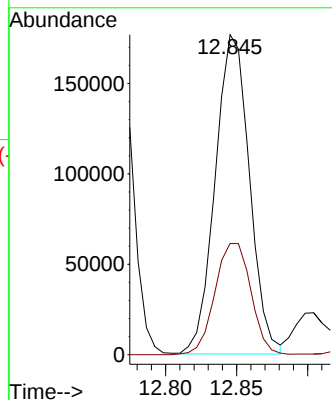
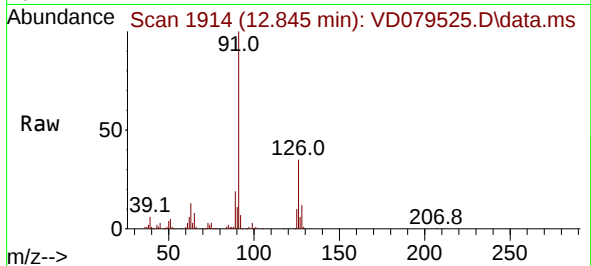




#79
2-Chlorotoluene
Concen: 48.547 ug/l
RT: 12.845 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VD079525.D
Acq: 01 Aug 2024 06:19

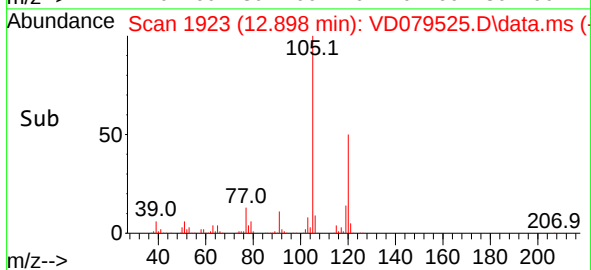
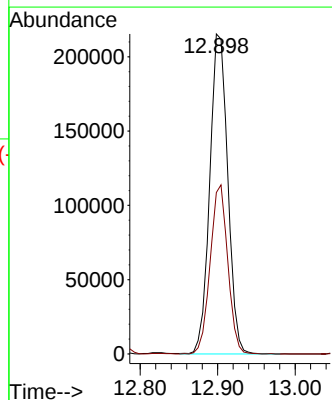
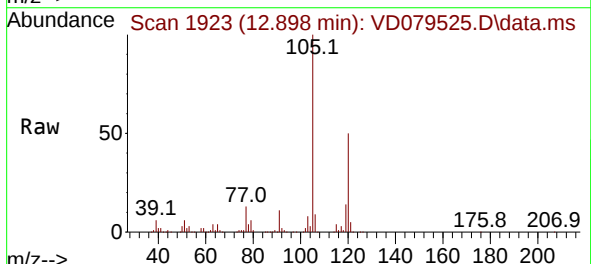
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

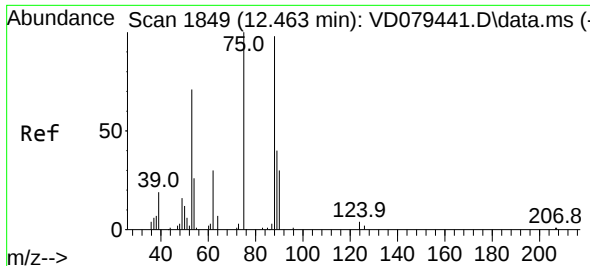
Tgt Ion: 91 Resp: 296487
Ion Ratio Lower Upper
91 100
126 36.6 19.3 57.8



#80
1,3,5-Trimethylbenzene
Concen: 47.440 ug/l
RT: 12.898 min Scan# 1923
Delta R.T. -0.006 min
Lab File: VD079525.D
Acq: 01 Aug 2024 06:19

Tgt Ion: 105 Resp: 346740
Ion Ratio Lower Upper
105 100
120 51.6 25.7 77.1

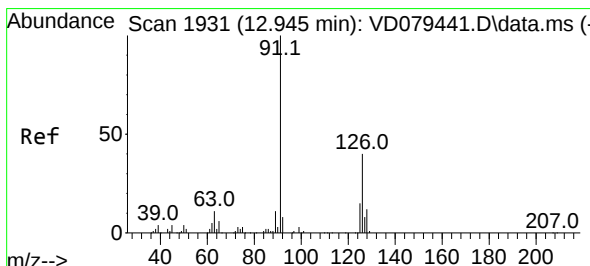
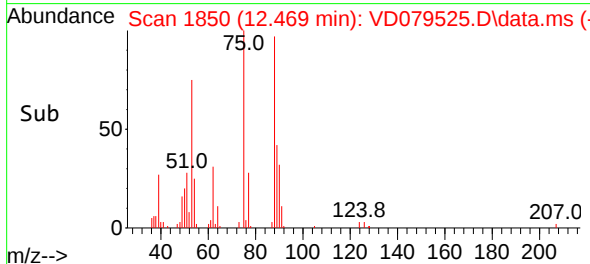
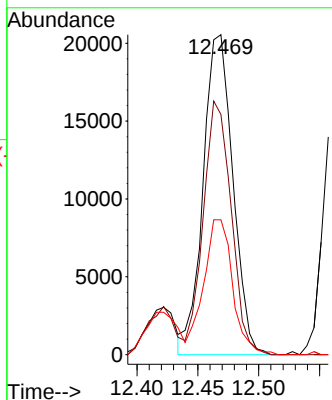
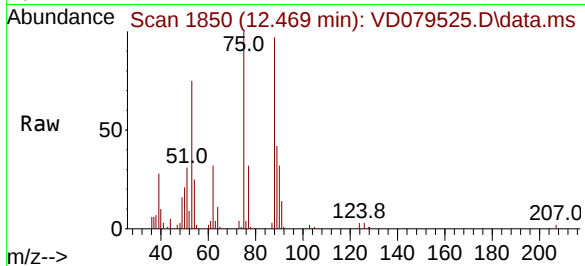




#81
trans-1,4-Dichloro-2-butene
Concen: 58.155 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD079525.D
Acq: 01 Aug 2024 06:19

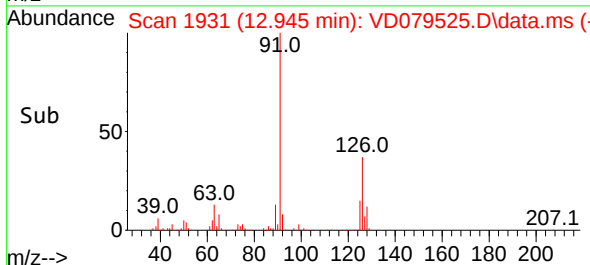
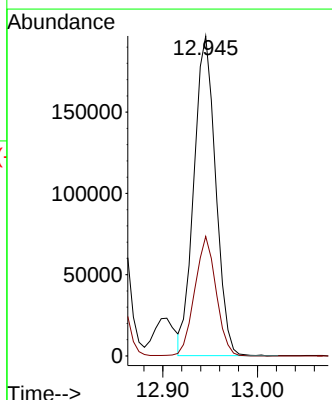
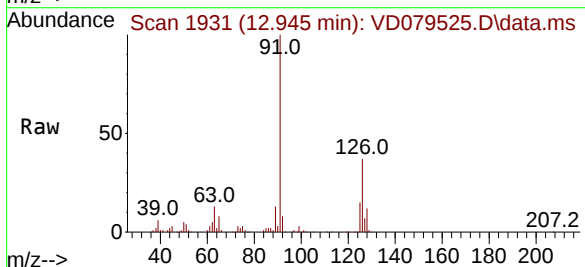
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

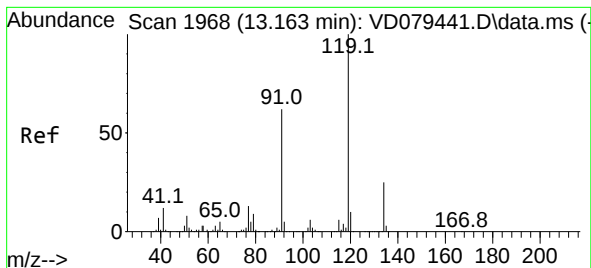
Tgt Ion: 75 Resp: 34971
Ion Ratio Lower Upper
75 100
53 74.2 61.4 92.2
89 41.1 35.4 53.0



#82
4-Chlorotoluene
Concen: 49.158 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD079525.D
Acq: 01 Aug 2024 06:19

Tgt Ion: 91 Resp: 312969
Ion Ratio Lower Upper
91 100
126 37.0 18.9 56.9





#83

tert-Butylbenzene

Concen: 40.762 ug/l

RT: 13.163 min Scan# 1968

Delta R.T. -0.000 min

Lab File: VD079525.D

Acq: 01 Aug 2024 06:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

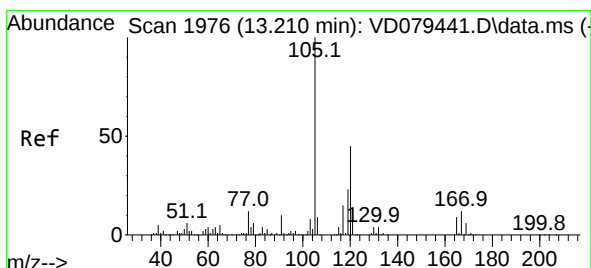
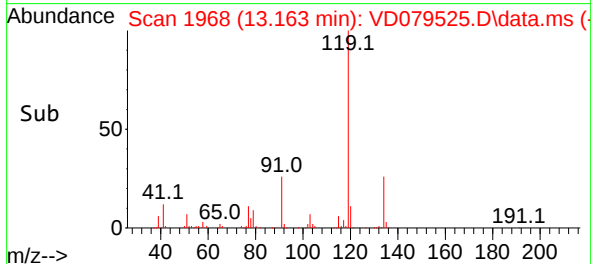
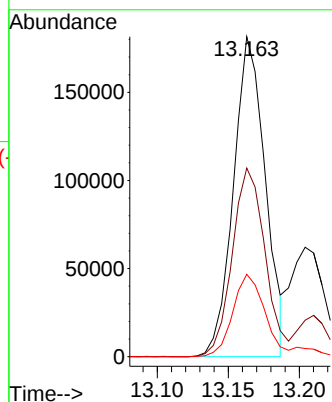
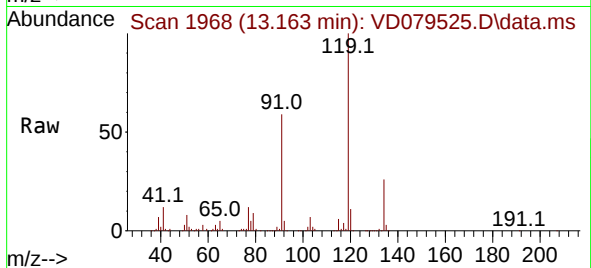
Tgt Ion:119 Resp: 283474

Ion Ratio Lower Upper

119 100

91 60.9 28.2 84.7

134 25.7 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 44.752 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.006 min

Lab File: VD079525.D

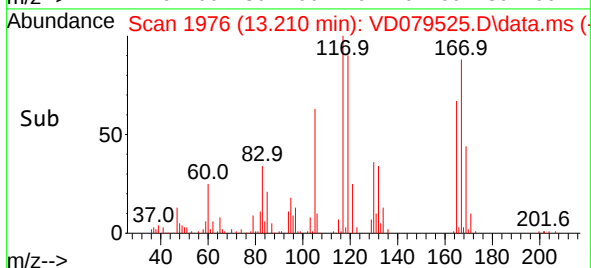
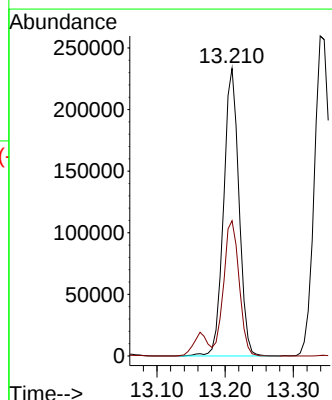
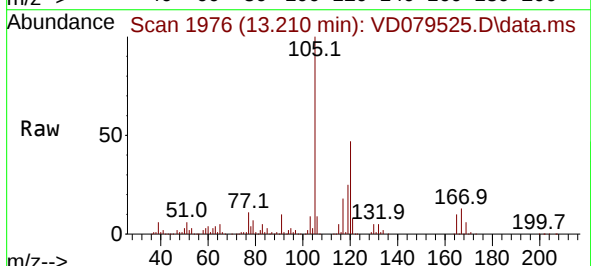
Acq: 01 Aug 2024 06:19

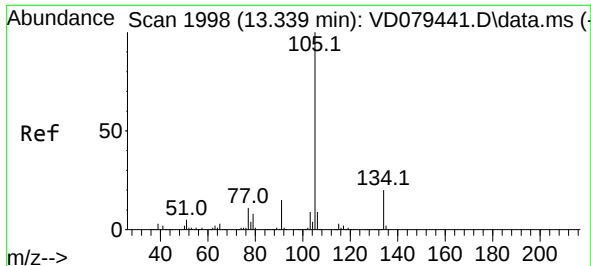
Tgt Ion:105 Resp: 364826

Ion Ratio Lower Upper

105 100

120 47.5 23.6 71.0

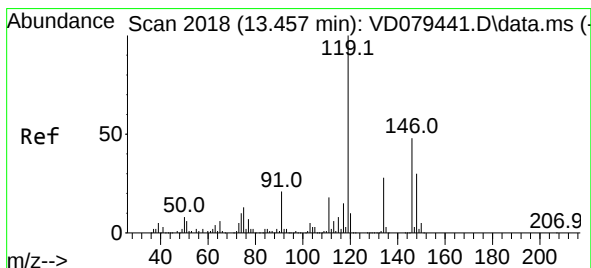
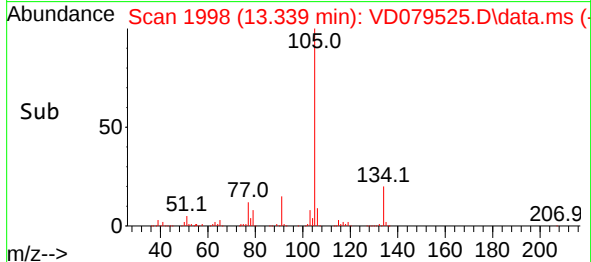
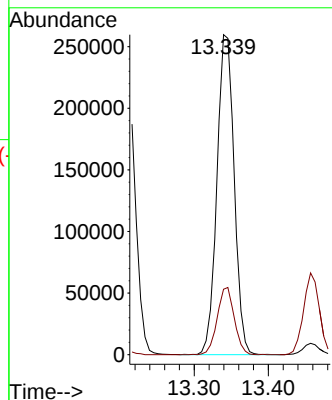
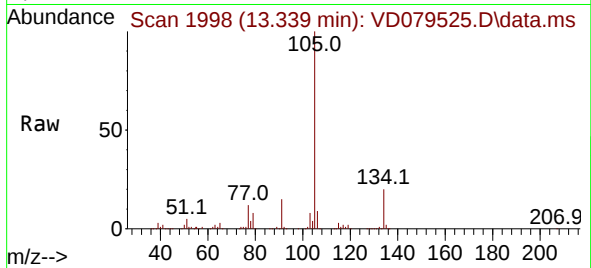




#85
 sec-Butylbenzene
 Concen: 43.142 ug/l
 RT: 13.339 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VD079525.D
 Acq: 01 Aug 2024 06:19

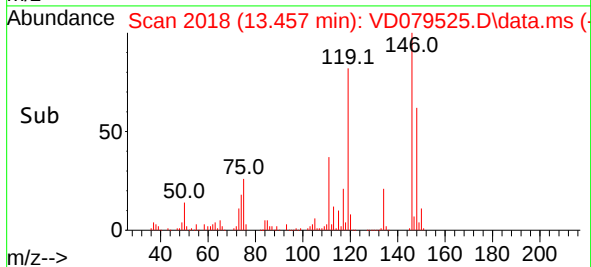
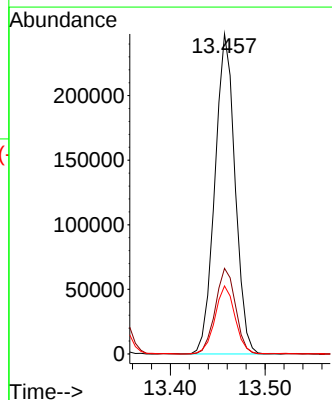
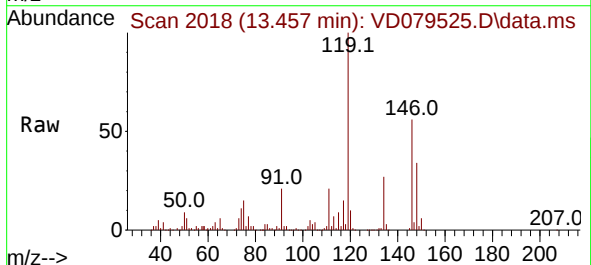
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

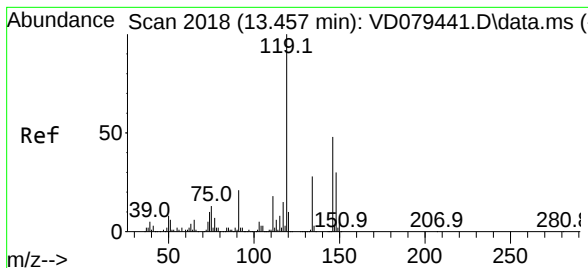
Tgt Ion:105 Resp: 419410
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 40.591 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD079525.D
 Acq: 01 Aug 2024 06:19

Tgt Ion:119 Resp: 366123
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.7 41.1
 91 21.3 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 48.767 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.006 min

Lab File: VD079525.D

Acq: 01 Aug 2024 06:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

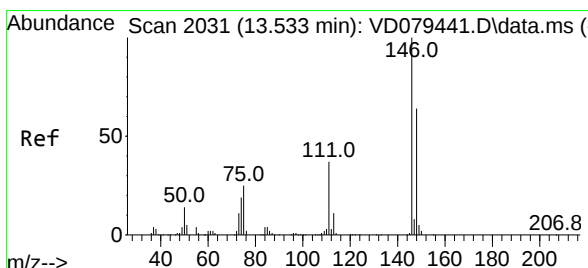
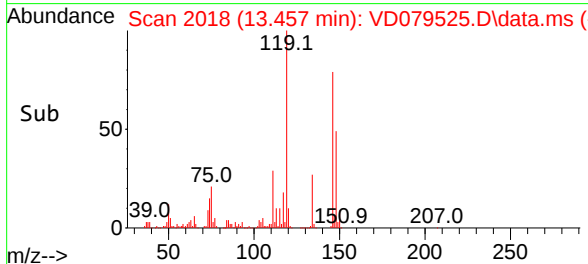
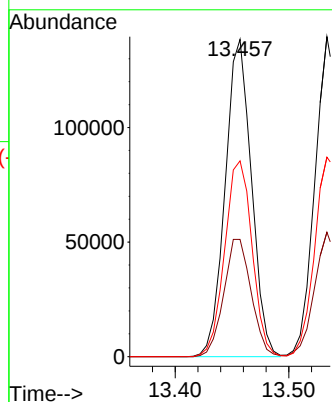
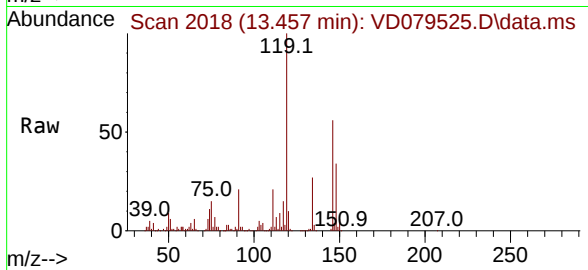
Tgt Ion:146 Resp: 222248

Ion Ratio Lower Upper

146 100

111 38.7 18.5 55.5

148 64.4 30.9 92.8



#88

1,4-Dichlorobenzene

Concen: 49.996 ug/l

RT: 13.534 min Scan# 2031

Delta R.T. -0.000 min

Lab File: VD079525.D

Acq: 01 Aug 2024 06:19

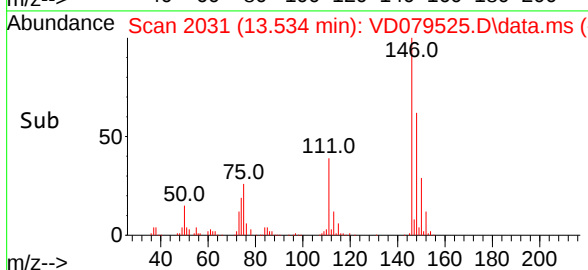
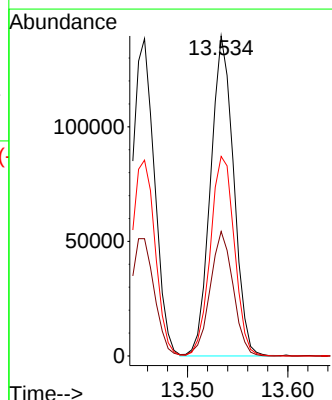
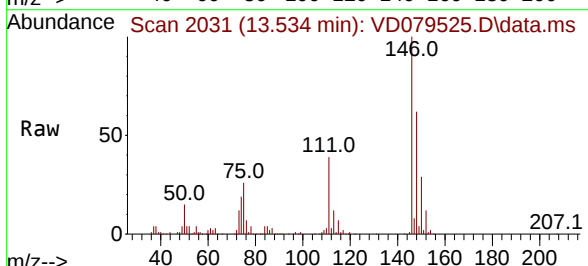
Tgt Ion:146 Resp: 224010

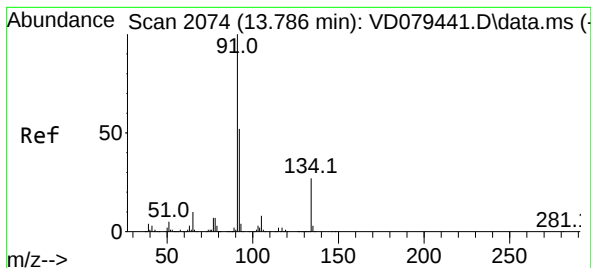
Ion Ratio Lower Upper

146 100

111 38.6 17.5 52.6

148 64.9 31.4 94.2





#89

n-Butylbenzene

Concen: 38.725 ug/l

RT: 13.786 min Scan# 2074

Delta R.T. 0.005 min

Lab File: VD079525.D

Acq: 01 Aug 2024 06:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

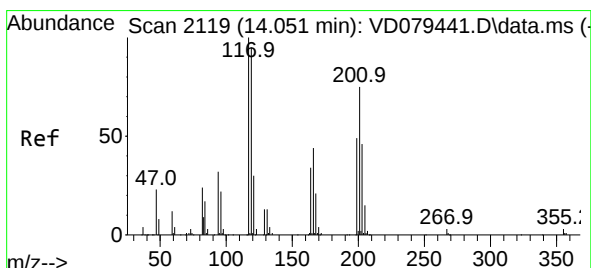
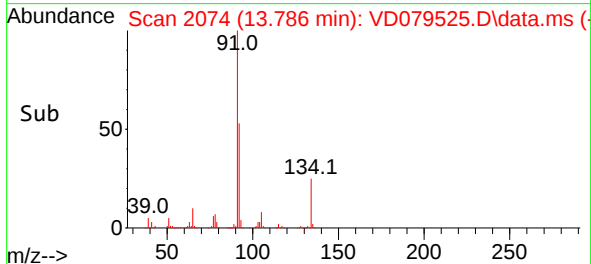
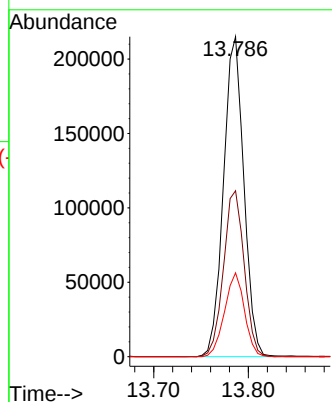
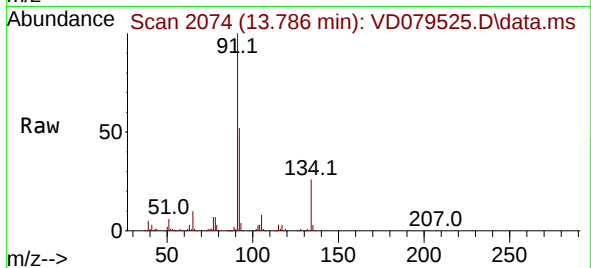
Tgt Ion: 91 Resp: 321123

Ion Ratio Lower Upper

91 100

92 52.7 25.7 77.0

134 25.6 13.6 40.8



#90

Hexachloroethane

Concen: 45.877 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. 0.006 min

Lab File: VD079525.D

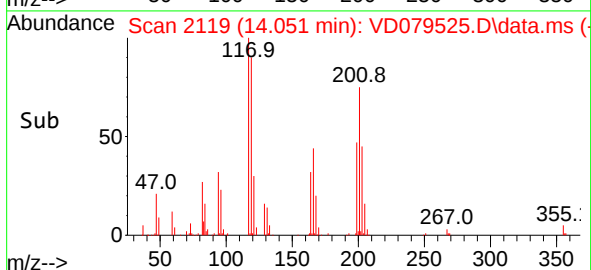
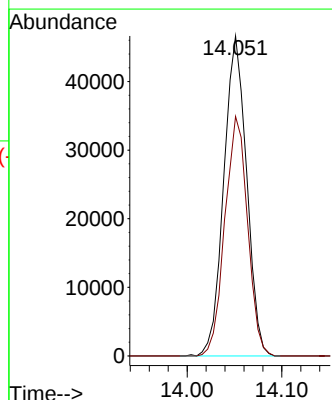
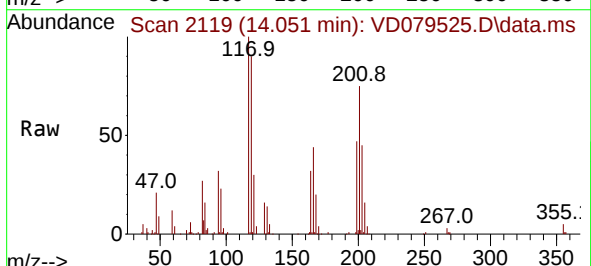
Acq: 01 Aug 2024 06:19

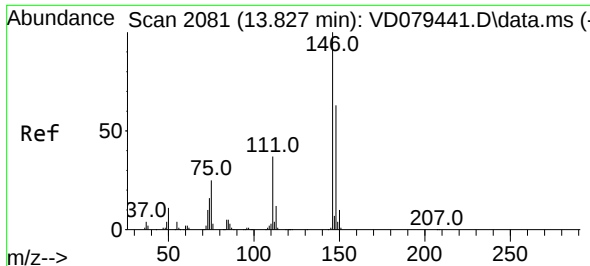
Tgt Ion: 117 Resp: 78008

Ion Ratio Lower Upper

117 100

201 74.6 36.3 108.9





#91

1,2-Dichlorobenzene

Concen: 52.231 ug/l

RT: 13.828 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VD079525.D

Acq: 01 Aug 2024 06:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

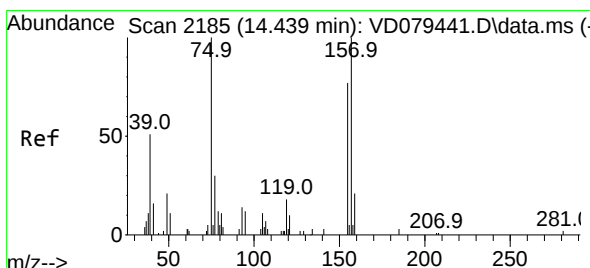
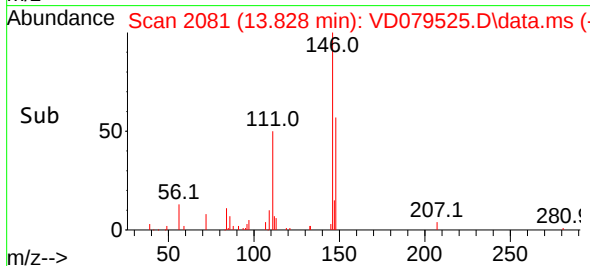
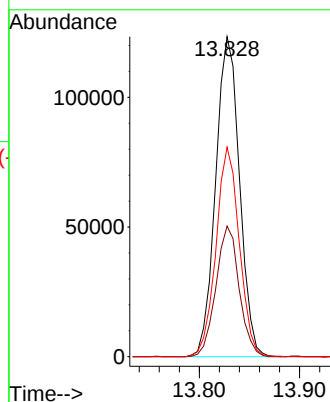
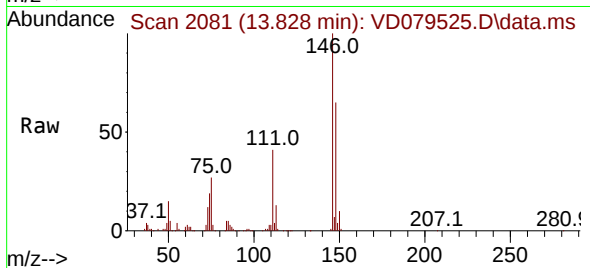
Tgt Ion:146 Resp: 203437

Ion Ratio Lower Upper

146 100

111 39.7 19.1 57.1

148 63.9 31.1 93.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 62.829 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. -0.000 min

Lab File: VD079525.D

Acq: 01 Aug 2024 06:19

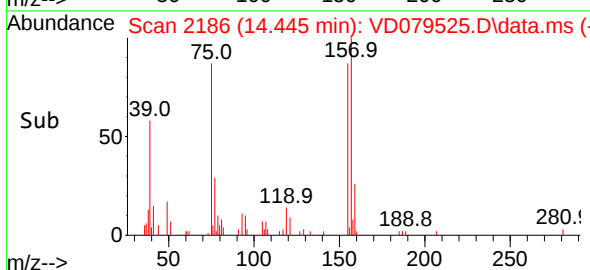
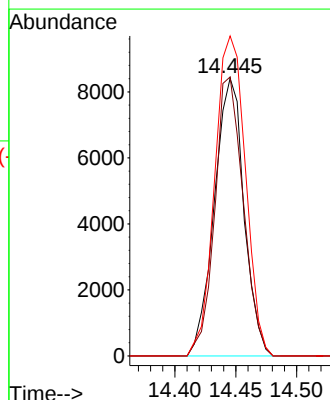
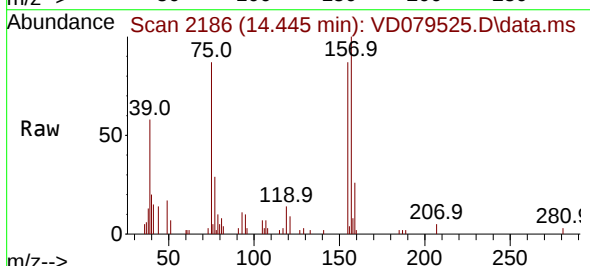
Tgt Ion: 75 Resp: 14250

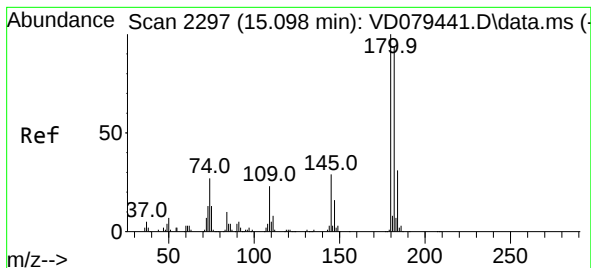
Ion Ratio Lower Upper

75 100

155 96.5 47.7 143.1

157 119.4 63.4 190.2





#93

1,2,4-Trichlorobenzene

Concen: 51.049 ug/l

RT: 15.098 min Scan# 21

Delta R.T. 0.006 min

Lab File: VD079525.D

Acq: 01 Aug 2024 06:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

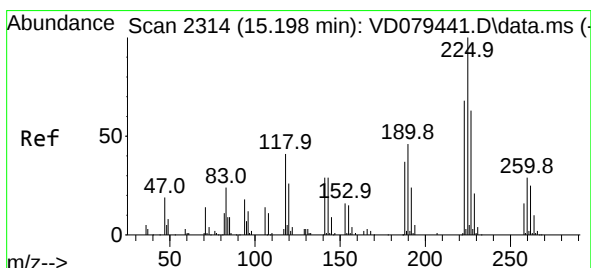
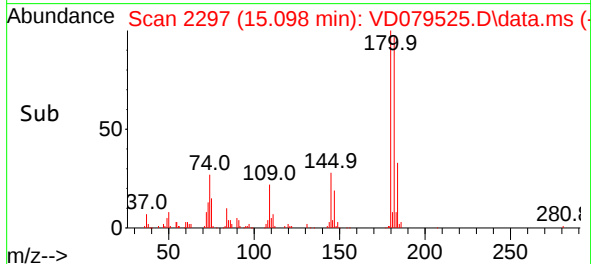
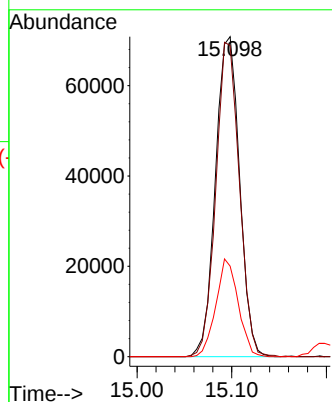
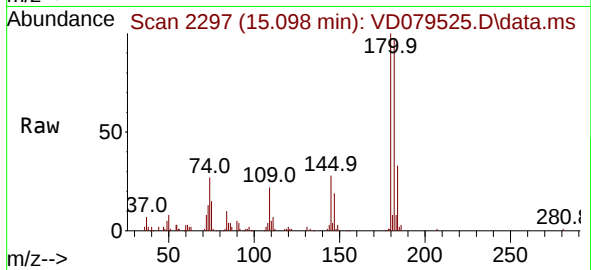
Tgt Ion:180 Resp: 125276

Ion Ratio Lower Upper

180 100

182 95.6 46.9 140.7

145 28.3 14.0 41.9



#94

Hexachlorobutadiene

Concen: 40.855 ug/l

RT: 15.198 min Scan# 2314

Delta R.T. -0.000 min

Lab File: VD079525.D

Acq: 01 Aug 2024 06:19

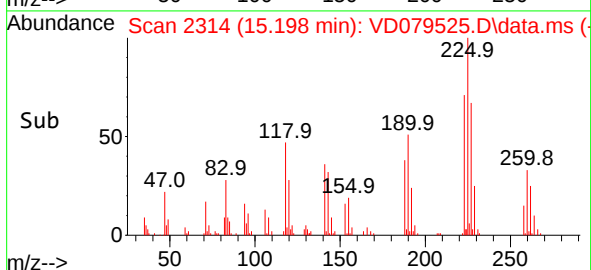
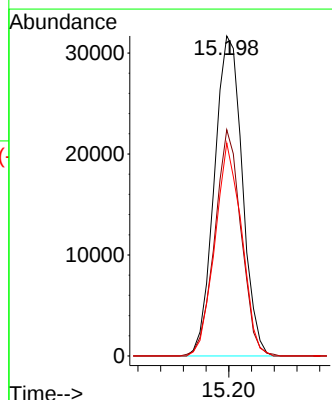
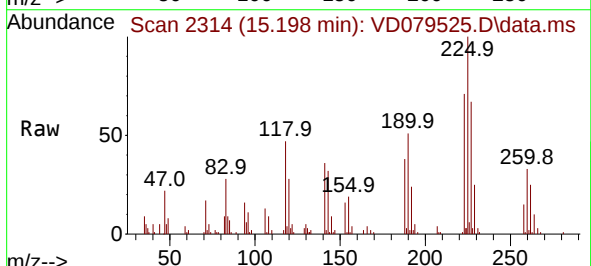
Tgt Ion:225 Resp: 54111

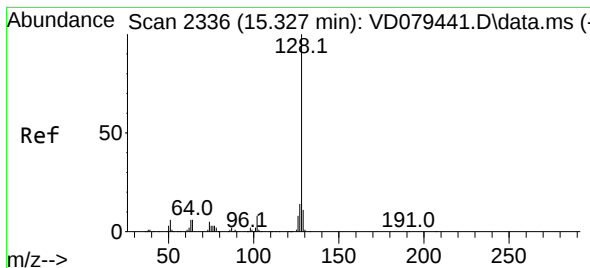
Ion Ratio Lower Upper

225 100

223 66.8 33.3 99.9

227 63.7 33.6 100.6





#95

Naphthalene

Concen: 61.893 ug/l

RT: 15.328 min Scan# 2336

Delta R.T. -0.000 min

Lab File: VD079525.D

Acq: 01 Aug 2024 06:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

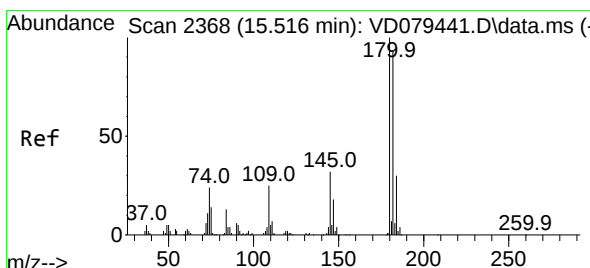
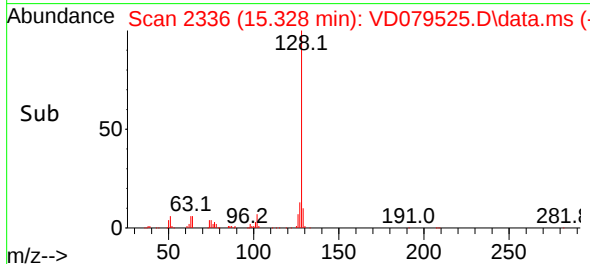
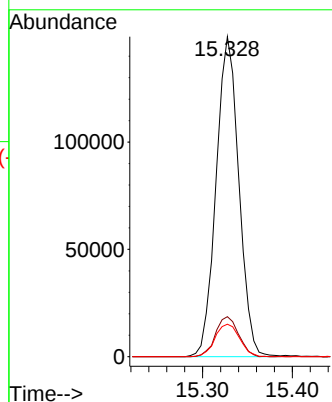
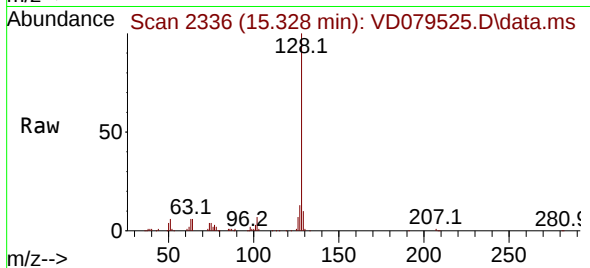
Tgt Ion:128 Resp: 262885

Ion Ratio Lower Upper

128 100

127 12.5 10.2 15.4

129 10.2 8.5 12.7



#96

1,2,3-Trichlorobenzene

Concen: 53.885 ug/l

RT: 15.516 min Scan# 2368

Delta R.T. -0.006 min

Lab File: VD079525.D

Acq: 01 Aug 2024 06:19

Tgt Ion:180 Resp: 116321

Ion Ratio Lower Upper

180 100

182 95.2 47.8 143.3

145 31.3 16.1 48.2

