

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051624\
 Data File : VD078941.D
 Acq On : 16 May 2024 11:20
 Operator : RP/MD
 Sample : VD0516SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0516SBS01

Quant Time: May 17 06:08:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051324S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 14 06:21:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	129632	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	213038	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	195711	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	103170	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	61997	50.987	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.980%	
35) Dibromofluoromethane	7.804	113	71981	50.758	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.520%	
50) Toluene-d8	10.269	98	276767	52.060	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 104.120%	
62) 4-Bromofluorobenzene	12.575	95	80909	54.174	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 108.340%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.934	85	25137	20.752	ug/l	96
3) Chloromethane	2.152	50	35202	19.797	ug/l	100
4) Vinyl Chloride	2.287	62	63009	23.953	ug/l	98
5) Bromomethane	2.687	94	52504	21.121	ug/l	99
6) Chloroethane	2.840	64	47236	20.372	ug/l	93
7) Trichlorofluoromethane	3.181	101	47922	18.876	ug/l	97
8) Diethyl Ether	3.593	74	11563	19.509	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.964	101	28613	21.343	ug/l	99
10) Methyl Iodide	4.164	142	30645	19.133	ug/l	96
11) Tert butyl alcohol	5.063	59	5776	108.691	ug/l	99
12) 1,1-Dichloroethene	3.940	96	26234	19.991	ug/l	86
13) Acrolein	3.793	56	10841	89.562	ug/l	94
14) Allyl chloride	4.563	41	23528	18.374	ug/l	94
15) Acrylonitrile	5.258	53	23029	97.979	ug/l	94
16) Acetone	4.022	43	16393	84.553	ug/l	100
17) Carbon Disulfide	4.275	76	83422	20.771	ug/l #	95
18) Methyl Acetate	4.552	43	9166	20.533	ug/l	89
19) Methyl tert-butyl Ether	5.322	73	45802	17.913	ug/l	94
20) Methylene Chloride	4.811	84	35535	19.471	ug/l	93
21) trans-1,2-Dichloroethene	5.316	96	29809	20.380	ug/l	93
22) Diisopropyl ether	6.222	45	54565	18.840	ug/l	96
23) Vinyl Acetate	6.158	43	159987	92.099	ug/l	99
24) 1,1-Dichloroethane	6.110	63	45312	19.736	ug/l	97
25) 2-Butanone	7.087	43	24044	92.725	ug/l	91
26) 2,2-Dichloropropane	7.075	77	39307	19.482	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	31801	18.515	ug/l	95
28) Bromochloromethane	7.428	49	9465	12.362	ug/l	95
29) Tetrahydrofuran	7.452	42	13699	91.338	ug/l	99
30) Chloroform	7.604	83	50668	19.484	ug/l	98
31) Cyclohexane	7.875	56	35269	19.853	ug/l #	90
32) 1,1,1-Trichloroethane	7.793	97	43837	19.685	ug/l	98
36) 1,1-Dichloropropene	8.010	75	35323	20.016	ug/l	98
37) Ethyl Acetate	7.169	43	9876	16.421	ug/l	99
38) Carbon Tetrachloride	7.993	117	39292	19.026	ug/l	100
39) Methylcyclohexane	9.275	83	43454	20.266	ug/l	90
40) Benzene	8.252	78	107882	18.901	ug/l	91

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.410	41	5861	18.111	ug/l	93
42) 1,2-Dichloroethane	8.322	62	26323	19.053	ug/l	97
43) Isopropyl Acetate	8.369	43	19462	18.238	ug/l #	84
44) Trichloroethene	9.028	130	29254	19.323	ug/l	98
45) 1,2-Dichloropropane	9.304	63	23631	18.840	ug/l	98
46) Dibromomethane	9.393	93	15923	19.284	ug/l	93
47) Bromodichloromethane	9.587	83	37104	18.668	ug/l	96
48) Methyl methacrylate	9.387	41	9823	18.909	ug/l	93
49) 1,4-Dioxane	9.387	88	3158	434.793	ug/l	93
51) 4-Methyl-2-Pentanone	10.157	43	52071	91.612	ug/l	96
52) Toluene	10.334	92	73187	20.031	ug/l	95
53) t-1,3-Dichloropropene	10.551	75	32668	19.342	ug/l	96
54) cis-1,3-Dichloropropene	10.016	75	38510	18.996	ug/l	97
55) 1,1,2-Trichloroethane	10.734	97	19212	18.010	ug/l	96
56) Ethyl methacrylate	10.598	69	19986	18.210	ug/l	99
57) 1,3-Dichloropropane	10.881	76	30550	18.391	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	45612	96.721	ug/l	100
59) 2-Hexanone	10.922	43	37140	93.877	ug/l	97
60) Dibromochloromethane	11.075	129	26684	18.349	ug/l	97
61) 1,2-Dibromoethane	11.181	107	18279	18.793	ug/l	90
64) Tetrachloroethene	10.810	164	26197	21.098	ug/l #	84
65) Chlorobenzene	11.604	112	80478	19.769	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	27310	19.405	ug/l	99
67) Ethyl Benzene	11.687	91	123805	18.908	ug/l	97
68) m/p-Xylenes	11.793	106	103341	38.819	ug/l	95
69) o-Xylene	12.122	106	43958	18.112	ug/l	89
70) Styrene	12.134	104	81372	18.918	ug/l	100
71) Bromoform	12.298	173	14817	18.379	ug/l #	96
73) Isopropylbenzene	12.422	105	117969	19.158	ug/l	99
74) N-amyl acetate	12.234	43	18779	18.795	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.675	83	22417	20.182	ug/l	96
76) 1,2,3-Trichloropropane	12.722	75	26518	36.510	ug/l #	100
77) Bromobenzene	12.698	156	31228	19.285	ug/l	95
78) n-propylbenzene	12.763	91	150131	20.172	ug/l	96
79) 2-Chlorotoluene	12.851	91	81583	19.722	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	99965	19.540	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	6983	19.065	ug/l	92
82) 4-Chlorotoluene	12.945	91	88144	20.311	ug/l	96
83) tert-Butylbenzene	13.169	119	88350	19.527	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	100475	18.960	ug/l	100
85) sec-Butylbenzene	13.345	105	133975	19.851	ug/l	99
86) p-Isopropyltoluene	13.463	119	112876	19.196	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	64756	18.898	ug/l	100
88) 1,4-Dichlorobenzene	13.534	146	63888	19.038	ug/l	97
89) n-Butylbenzene	13.787	91	104306	19.796	ug/l	99
90) Hexachloroethane	14.051	117	24471	19.729	ug/l	99
91) 1,2-Dichlorobenzene	13.834	146	54174	18.895	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	2558	17.299	ug/l	92
93) 1,2,4-Trichlorobenzene	15.098	180	31751	18.861	ug/l	98
94) Hexachlorobutadiene	15.204	225	17222	19.576	ug/l	99
95) Naphthalene	15.328	128	51870	18.089	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	27876	18.615	ug/l	99

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ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VD0516SBSD01

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Quant Title : SW846 8260
QLast Update : Tue May 14 06:21:28 2024
Response via : Initial Calibration

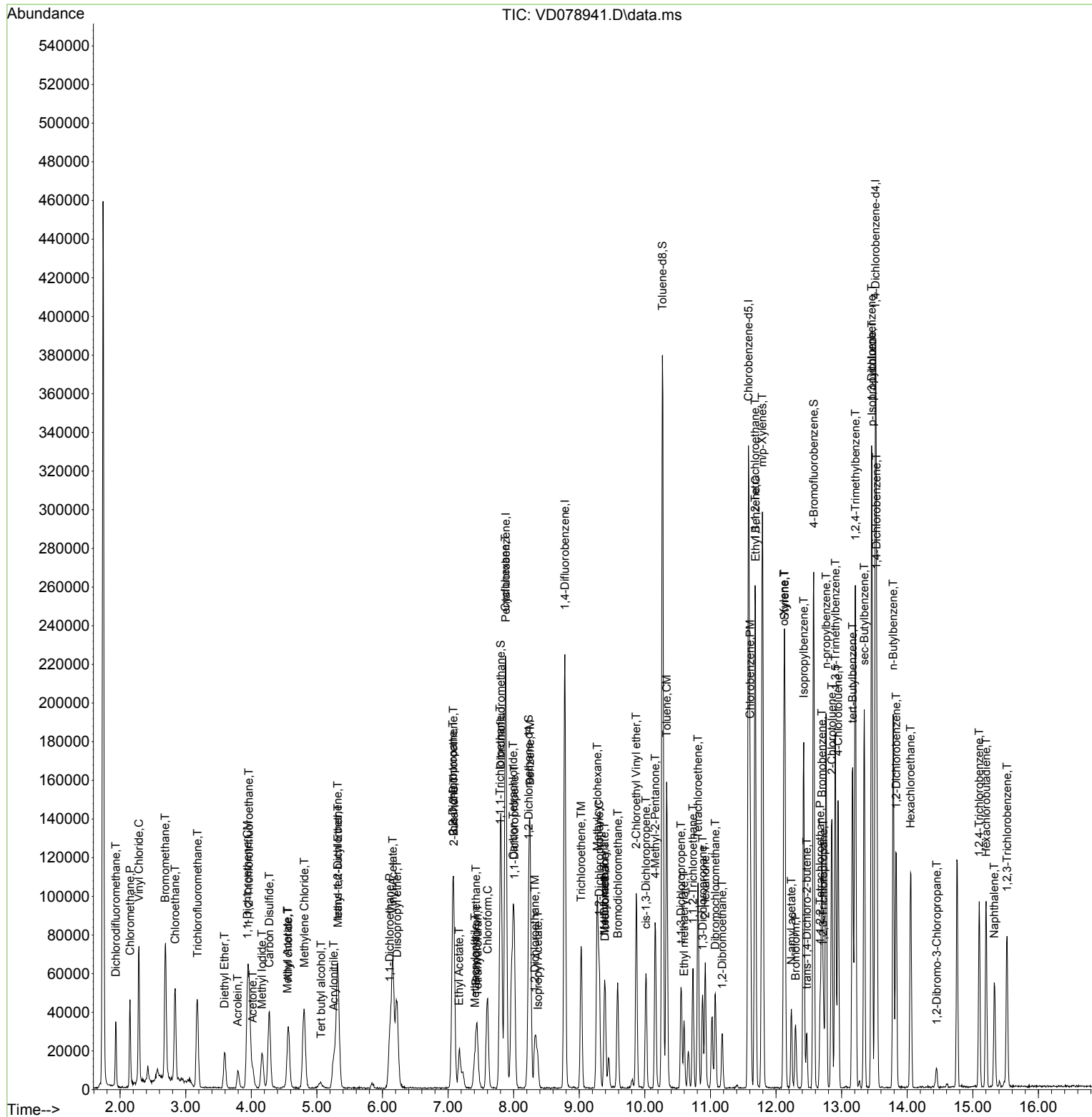
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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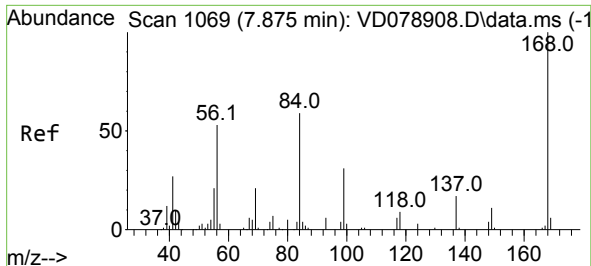
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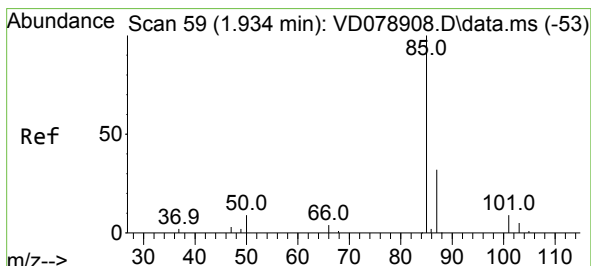
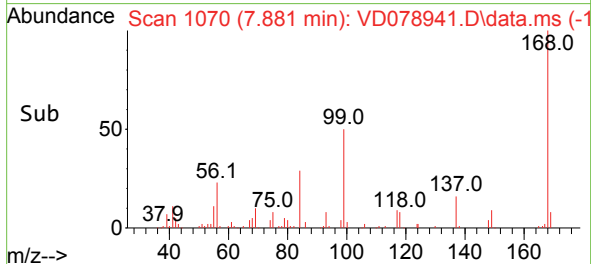
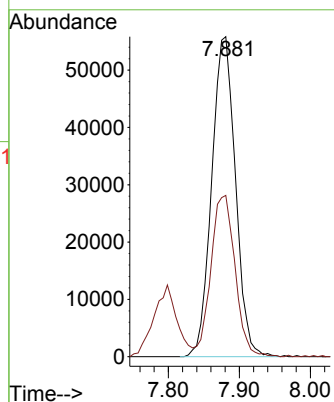
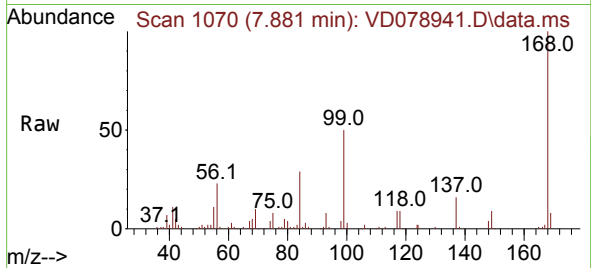




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD078941.D
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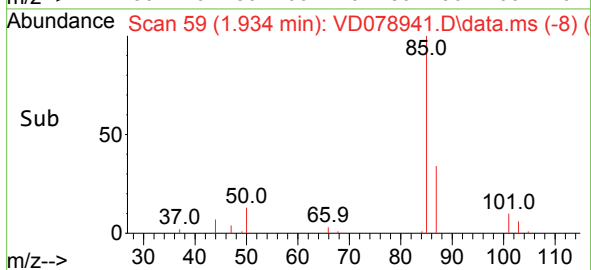
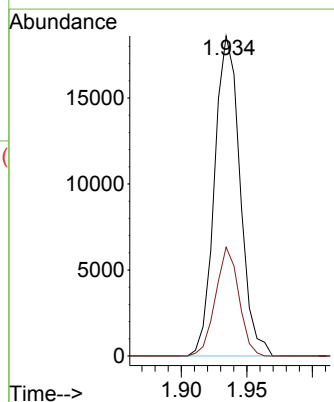
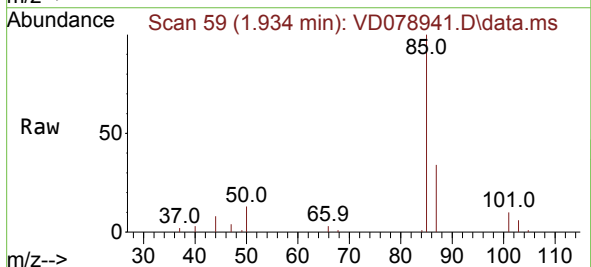
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBS01

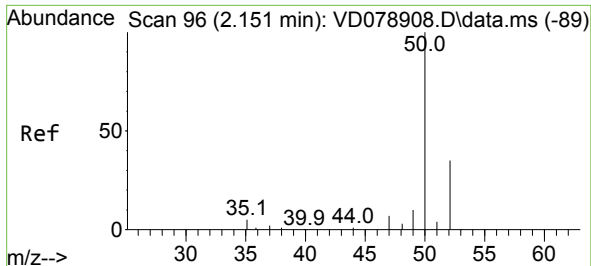
Tgt Ion:168 Resp: 129632
Ion Ratio Lower Upper
168 100
99 50.4 41.1 61.7



#2
Dichlorodifluoromethane
Concen: 20.752 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD078941.D
Acq: 16 May 2024 11:20

Tgt Ion: 85 Resp: 25137
Ion Ratio Lower Upper
85 100
87 34.0 16.0 48.0

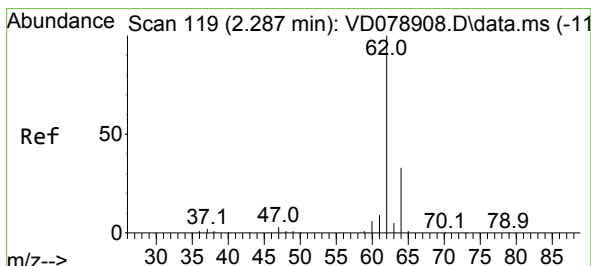
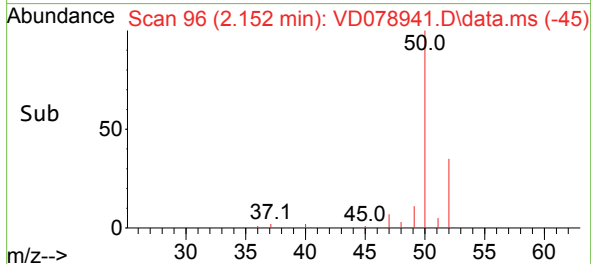
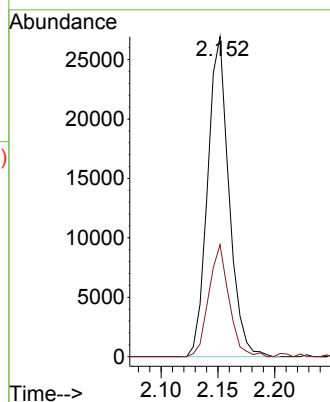
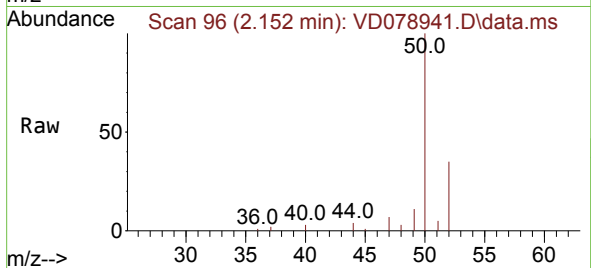




#3
Chloromethane
Concen: 19.797 ug/l
RT: 2.152 min Scan# 96
Delta R.T. 0.001 min
Lab File: VD078941.D
Acq: 16 May 2024 11:20

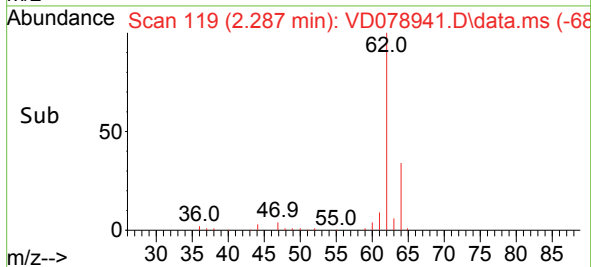
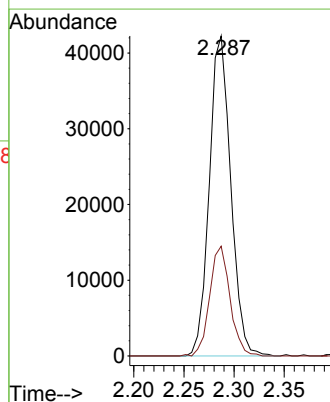
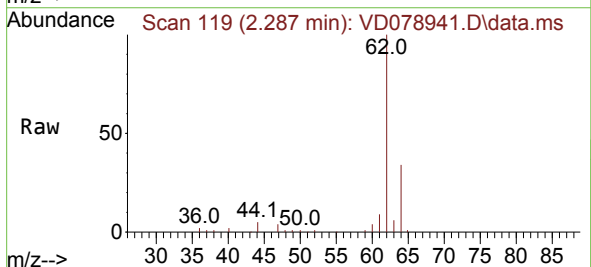
Instrument :
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ClientSampleId :
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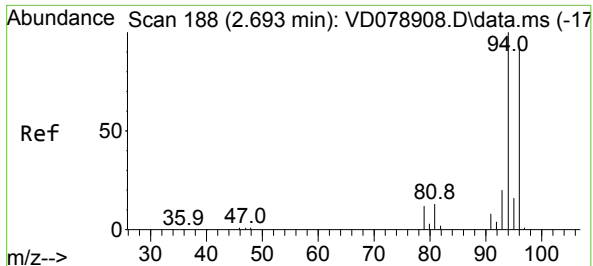
Tgt Ion: 50 Resp: 35202
Ion Ratio Lower Upper
50 100
52 35.0 28.2 42.2



#4
Vinyl Chloride
Concen: 23.953 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD078941.D
Acq: 16 May 2024 11:20

Tgt Ion: 62 Resp: 63009
Ion Ratio Lower Upper
62 100
64 34.3 26.3 39.5

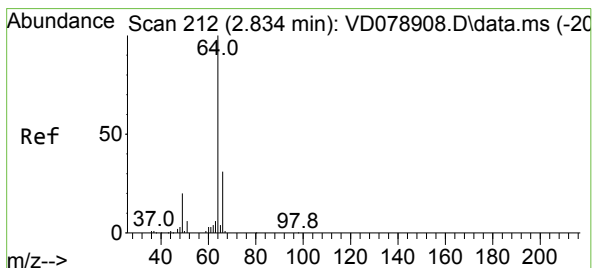
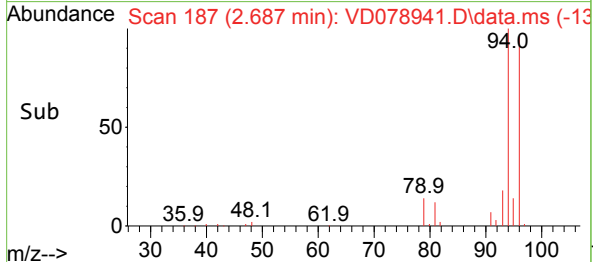
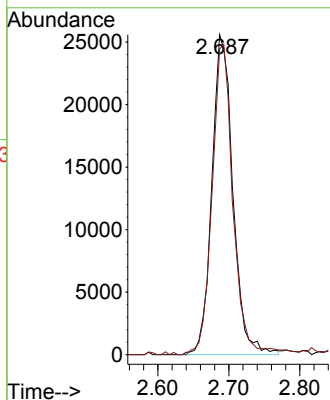
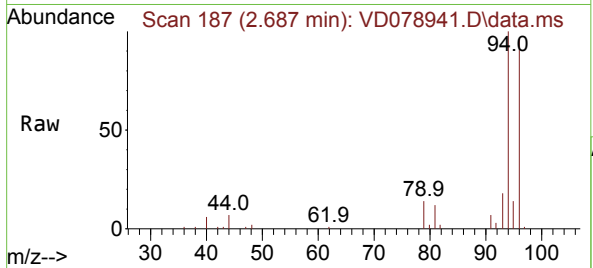




#5
Bromomethane
Concen: 21.121 ug/l
RT: 2.687 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078941.D
Acq: 16 May 2024 11:20

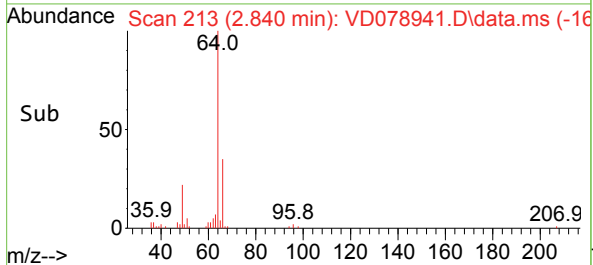
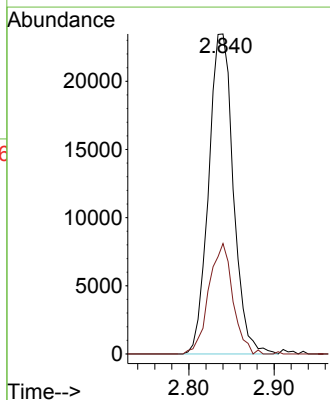
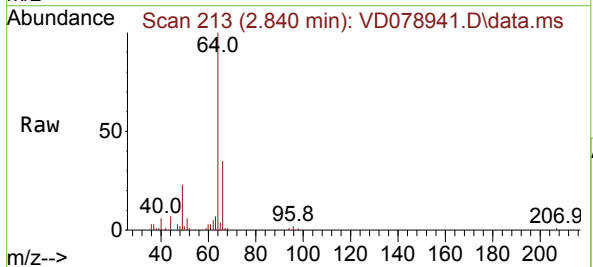
Instrument :
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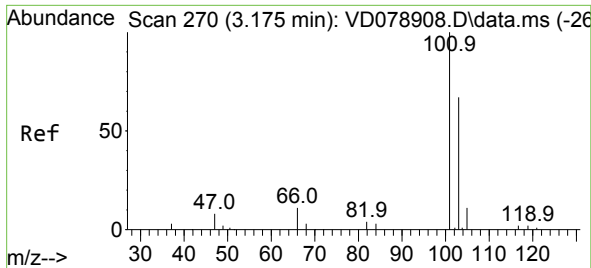
Tgt Ion: 94 Resp: 52504
Ion Ratio Lower Upper
94 100
96 96.6 76.9 115.3



#6
Chloroethane
Concen: 20.372 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.006 min
Lab File: VD078941.D
Acq: 16 May 2024 11:20

Tgt Ion: 64 Resp: 47236
Ion Ratio Lower Upper
64 100
66 34.5 24.5 36.7

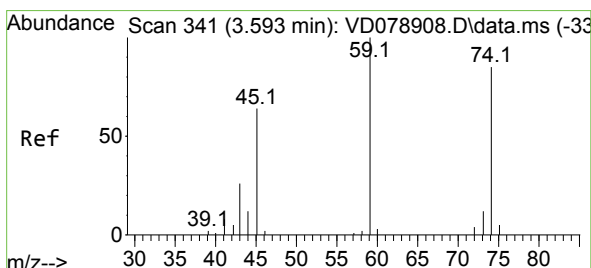
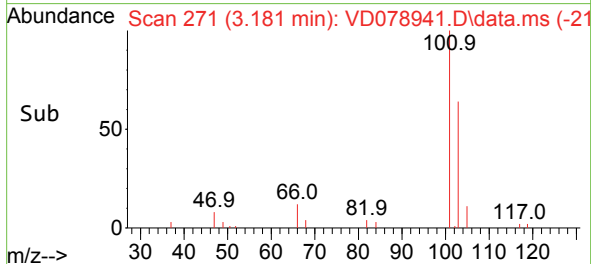
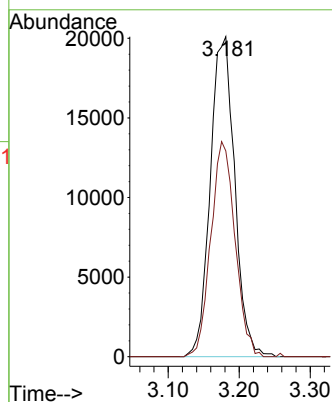
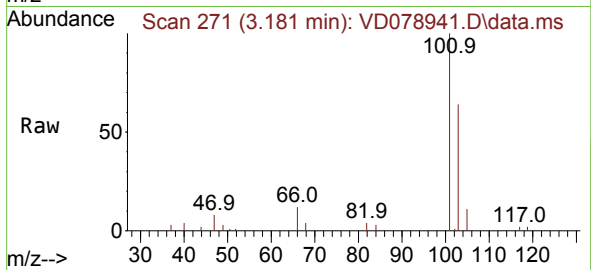




#7
Trichlorofluoromethane
Concen: 18.876 ug/l
RT: 3.181 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD078941.D
Acq: 16 May 2024 11:20

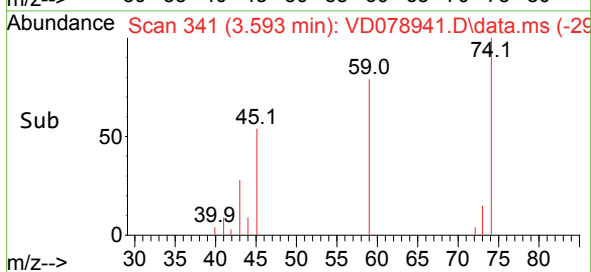
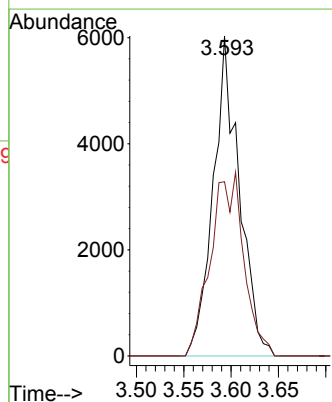
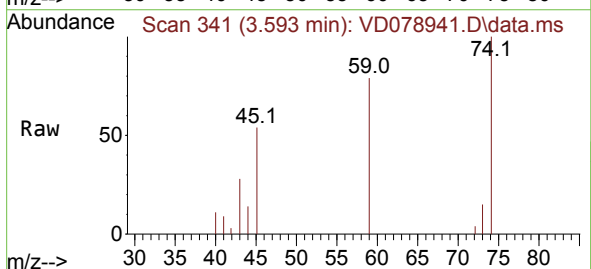
Instrument :
MSVOA_D
ClientSampleId :
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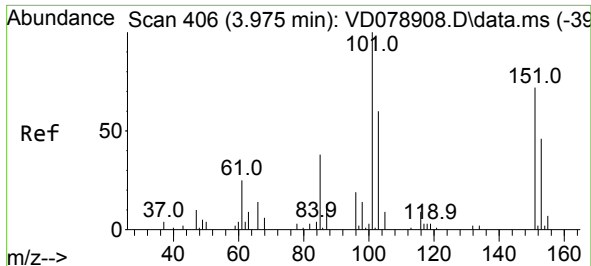
Tgt Ion:101 Resp: 47922
Ion Ratio Lower Upper
101 100
103 64.3 53.2 79.8



#8
Diethyl Ether
Concen: 19.509 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.000 min
Lab File: VD078941.D
Acq: 16 May 2024 11:20

Tgt Ion: 74 Resp: 11563
Ion Ratio Lower Upper
74 100
45 72.7 37.9 113.6

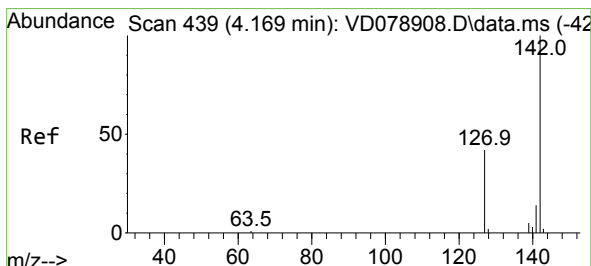
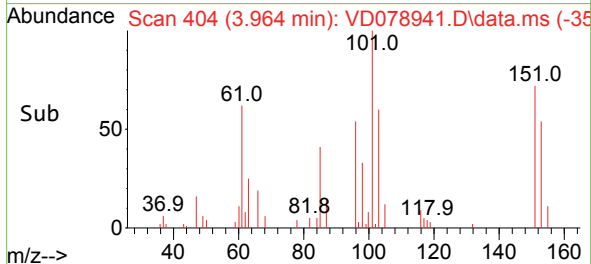
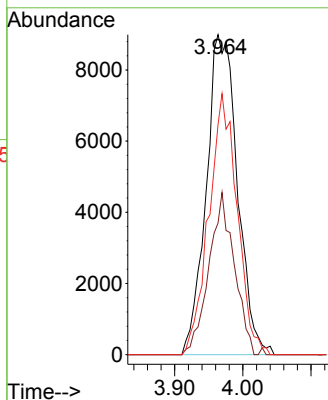
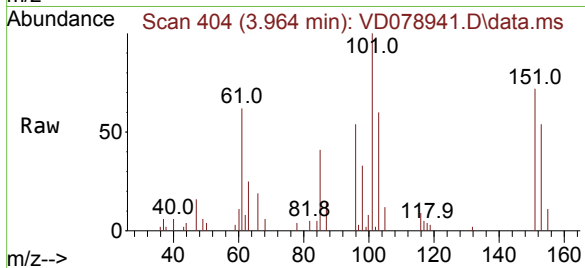




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.343 ug/l
RT: 3.964 min Scan# 406
Delta R.T. -0.011 min
Lab File: VD078941.D
Acq: 16 May 2024 11:20

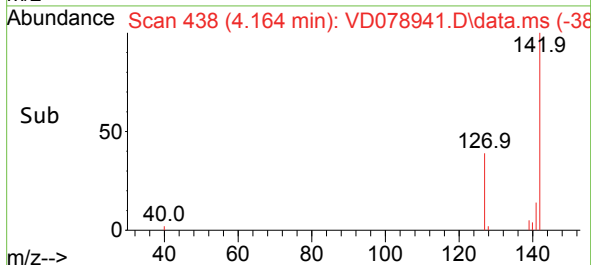
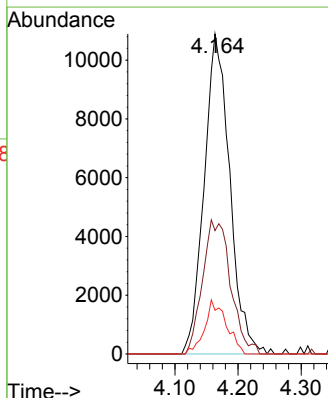
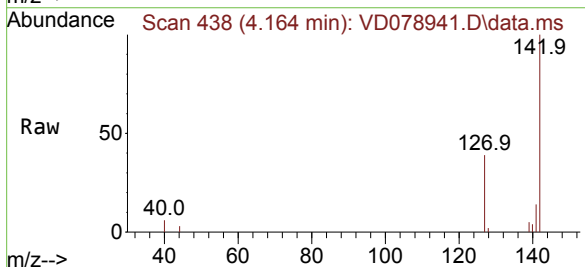
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBS01

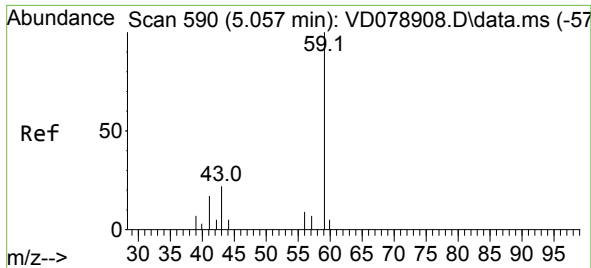
Tgt Ion:101 Resp: 28613
Ion Ratio Lower Upper
101 100
85 41.3 33.5 50.3
151 74.3 60.3 90.5



#10
Methyl Iodide
Concen: 19.133 ug/l
RT: 4.164 min Scan# 438
Delta R.T. -0.006 min
Lab File: VD078941.D
Acq: 16 May 2024 11:20

Tgt Ion:142 Resp: 30645
Ion Ratio Lower Upper
142 100
127 45.9 34.2 51.4
141 14.3 11.7 17.5

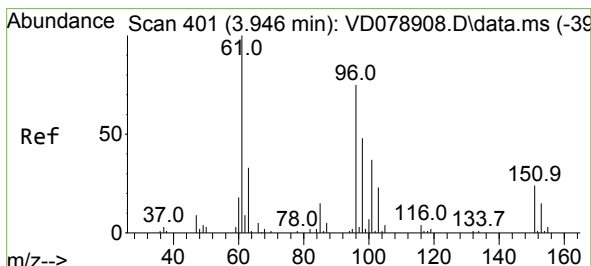
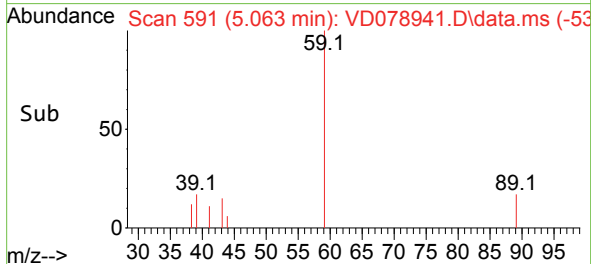
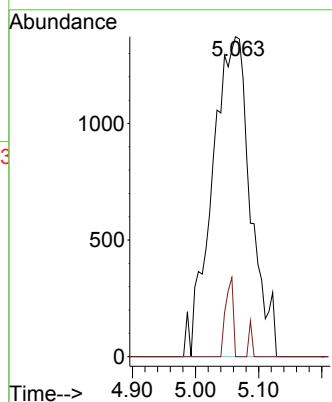
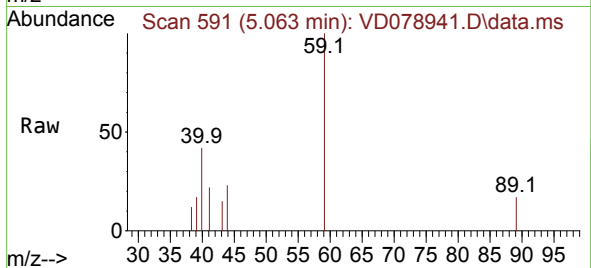




#11
Tert butyl alcohol
Concen: 108.691 ug/l
RT: 5.063 min Scan# 51
Delta R.T. 0.006 min
Lab File: VD078941.D
Acq: 16 May 2024 11:20

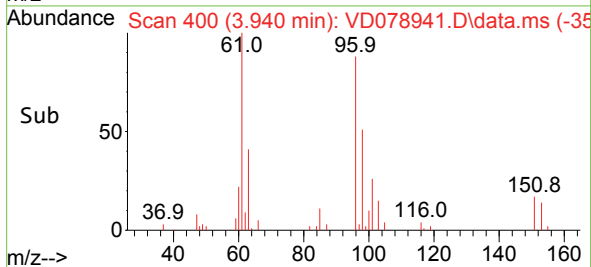
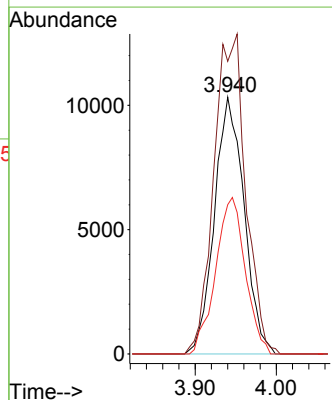
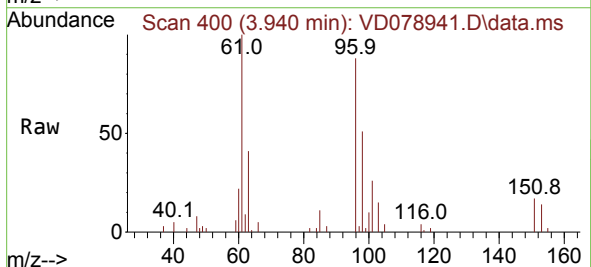
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBS01

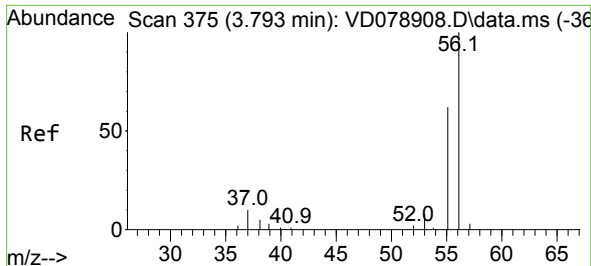
Tgt Ion: 59 Resp: 5776
Ion Ratio Lower Upper
59 100
57 5.0 3.6 5.4



#12
1,1-Dichloroethene
Concen: 19.991 ug/l
RT: 3.940 min Scan# 400
Delta R.T. -0.006 min
Lab File: VD078941.D
Acq: 16 May 2024 11:20

Tgt Ion: 96 Resp: 26234
Ion Ratio Lower Upper
96 100
61 114.0 107.3 160.9
98 58.2 51.7 77.5





#13

Acrolein

Concen: 89.562 ug/l

RT: 3.793 min Scan# 31

Delta R.T. 0.000 min

Lab File: VD078941.D

Acq: 16 May 2024 11:20

Instrument :

MSVOA_D

ClientSampleId :

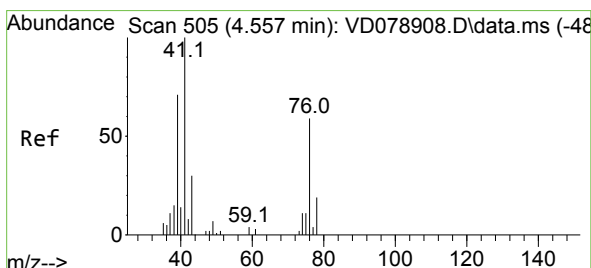
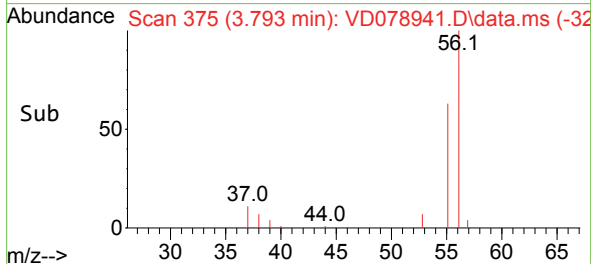
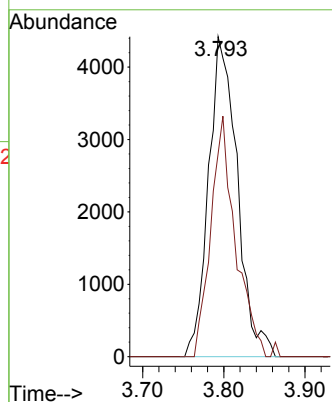
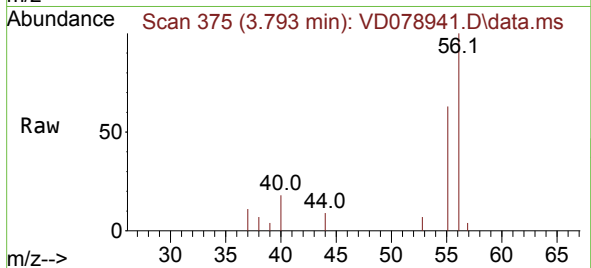
VD0516SBS01

Tgt Ion: 56 Resp: 10841

Ion Ratio Lower Upper

56 100

55 64.5 55.3 82.9



#14

Allyl chloride

Concen: 18.374 ug/l

RT: 4.563 min Scan# 506

Delta R.T. 0.006 min

Lab File: VD078941.D

Acq: 16 May 2024 11:20

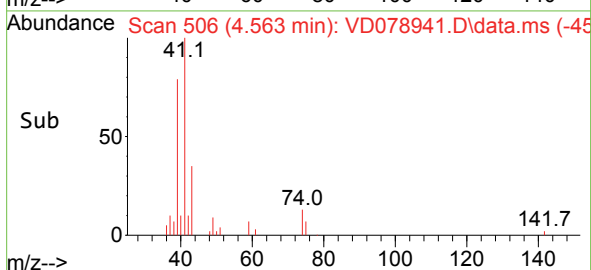
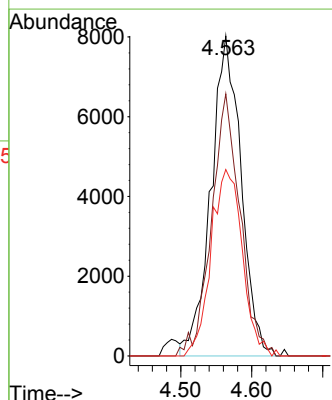
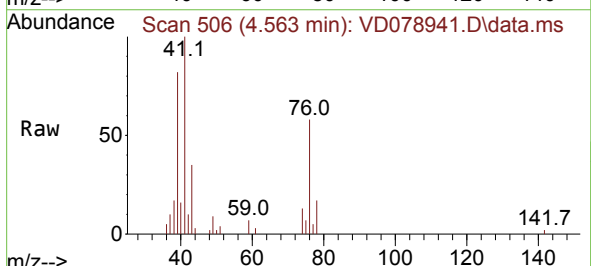
Tgt Ion: 41 Resp: 23528

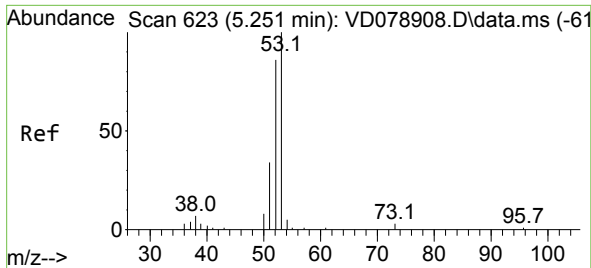
Ion Ratio Lower Upper

41 100

39 77.9 58.0 87.0

76 60.9 45.9 68.9

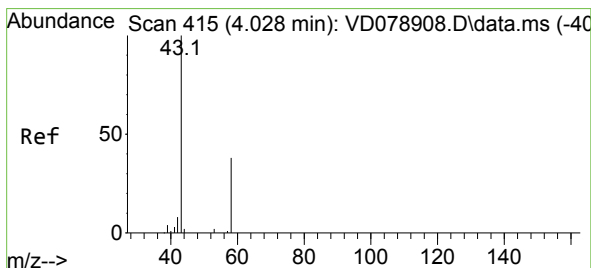
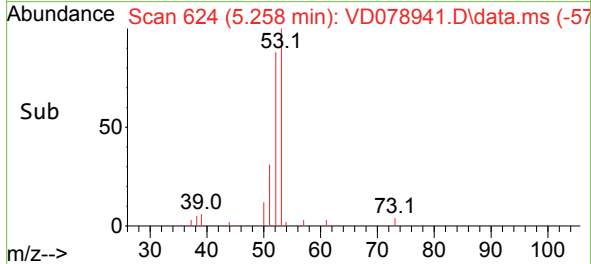
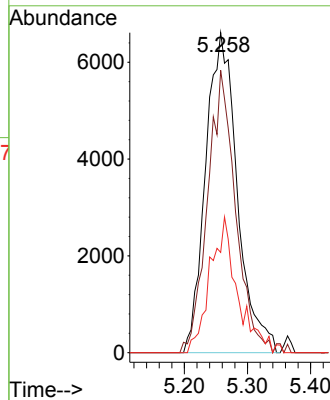
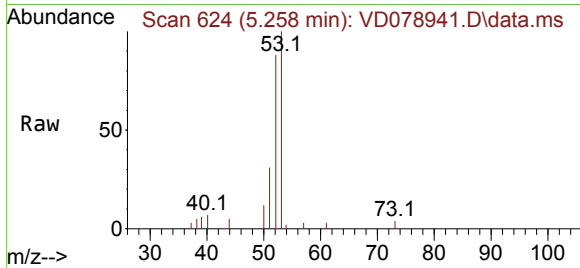




#15
Acrylonitrile
Concen: 97.979 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD078941.D
Acq: 16 May 2024 11:20

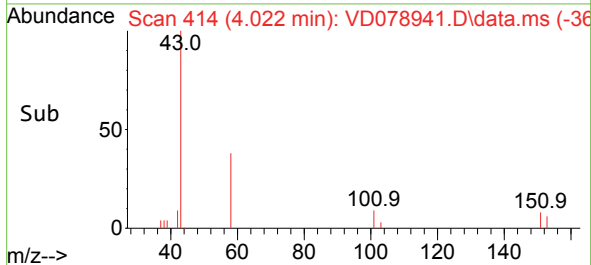
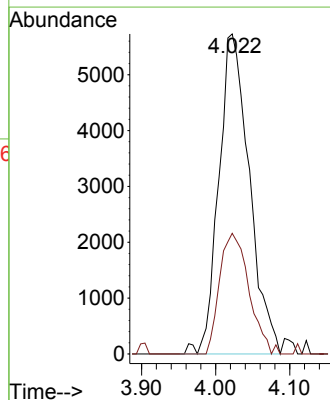
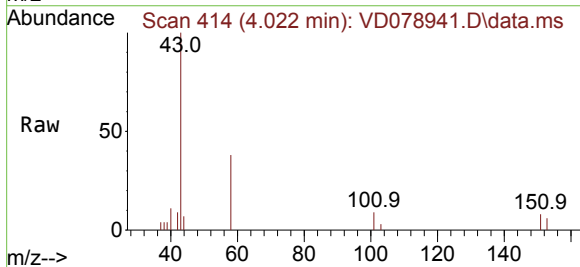
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBS01

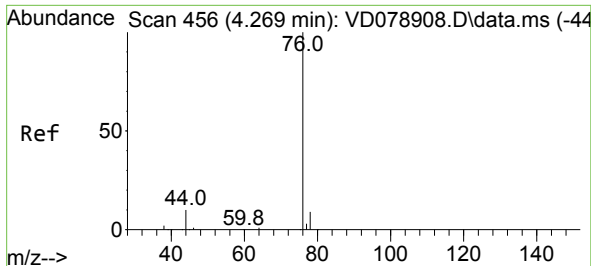
Tgt Ion:	53	Resp:	23029
Ion	Ratio	Lower	Upper
53	100		
52	77.9	67.7	101.5
51	36.8	28.6	42.8



#16
Acetone
Concen: 84.553 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.006 min
Lab File: VD078941.D
Acq: 16 May 2024 11:20

Tgt Ion:	43	Resp:	16393
Ion	Ratio	Lower	Upper
43	100		
58	37.7	30.4	45.6





#17

Carbon Disulfide

Concen: 20.771 ug/l

RT: 4.275 min Scan# 4

Delta R.T. 0.006 min

Lab File: VD078941.D

Acq: 16 May 2024 11:20

Instrument :

MSVOA_D

ClientSampleId :

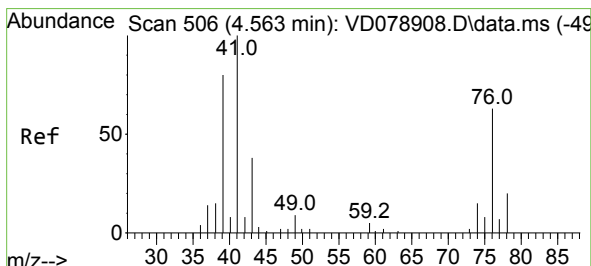
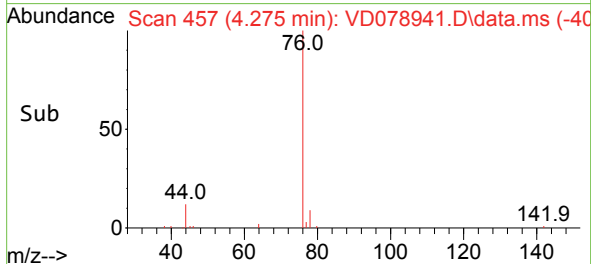
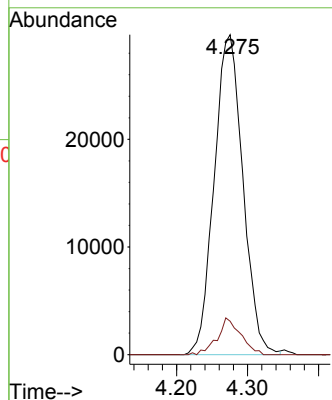
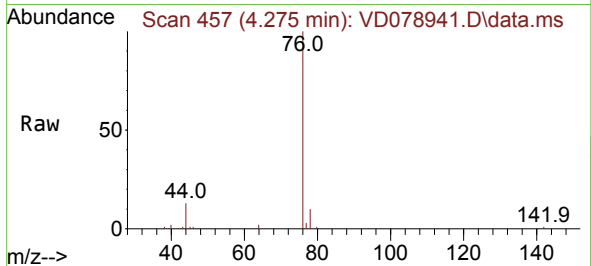
VD0516SBS01

Tgt Ion: 76 Resp: 83422

Ion Ratio Lower Upper

76 100

78 10.5 6.9 10.3#



#18

Methyl Acetate

Concen: 20.533 ug/l

RT: 4.552 min Scan# 504

Delta R.T. -0.011 min

Lab File: VD078941.D

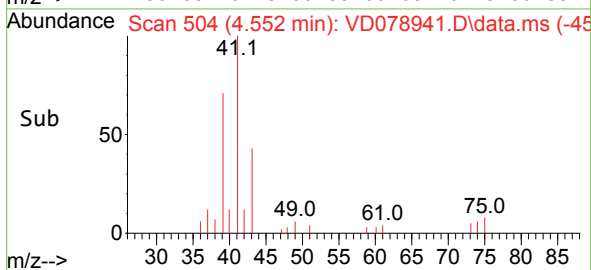
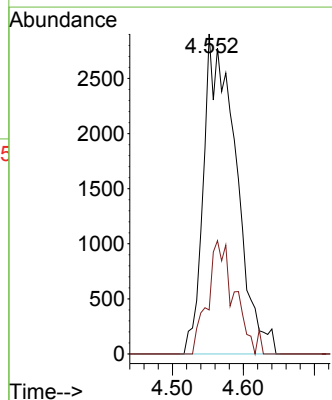
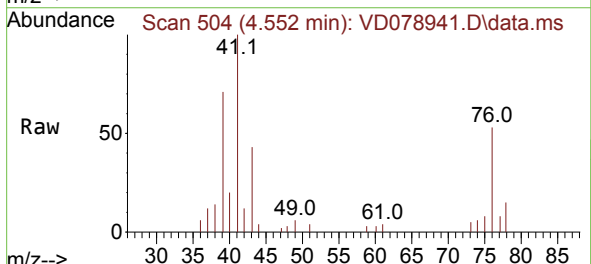
Acq: 16 May 2024 11:20

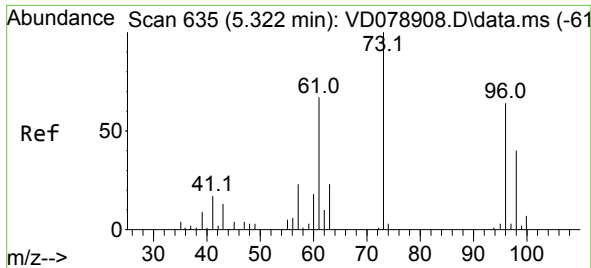
Tgt Ion: 43 Resp: 9166

Ion Ratio Lower Upper

43 100

74 28.8 28.1 42.1





#19

Methyl tert-butyl Ether

Concen: 17.913 ug/l

RT: 5.322 min Scan# 61

Delta R.T. 0.000 min

Lab File: VD078941.D

Acq: 16 May 2024 11:20

Instrument :

MSVOA_D

ClientSampleId :

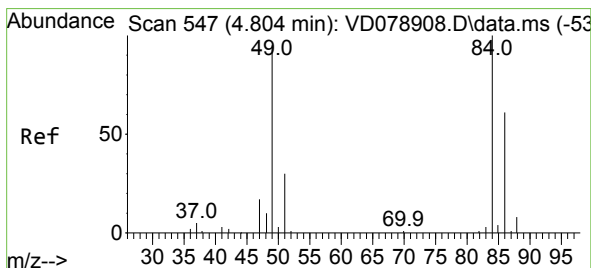
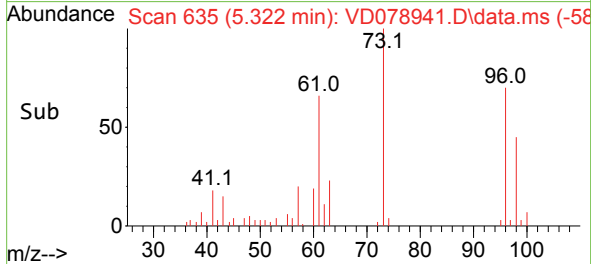
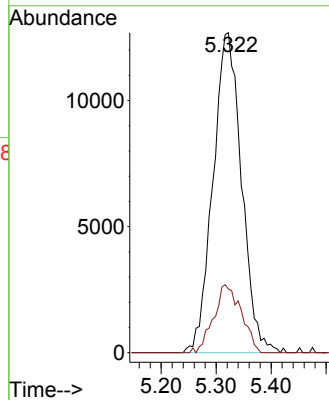
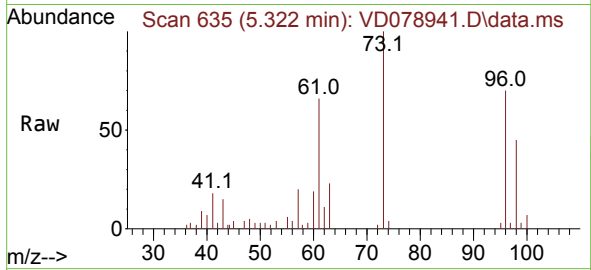
VD0516SBS01

Tgt Ion: 73 Resp: 45802

Ion Ratio Lower Upper

73 100

57 19.9 18.3 27.5



#20

Methylene Chloride

Concen: 19.471 ug/l

RT: 4.811 min Scan# 548

Delta R.T. 0.007 min

Lab File: VD078941.D

Acq: 16 May 2024 11:20

Tgt Ion: 84 Resp: 35535

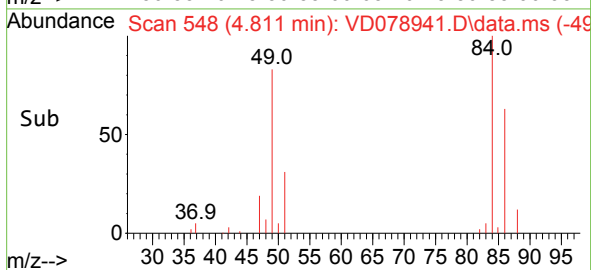
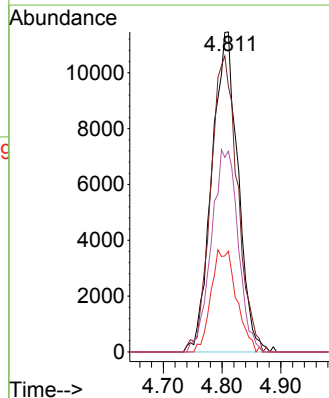
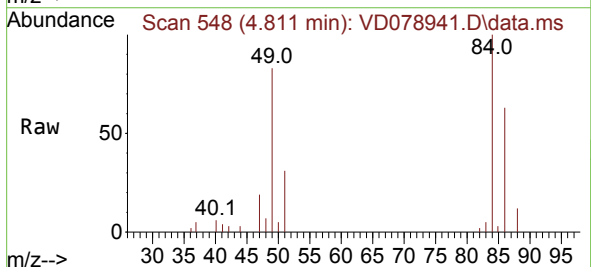
Ion Ratio Lower Upper

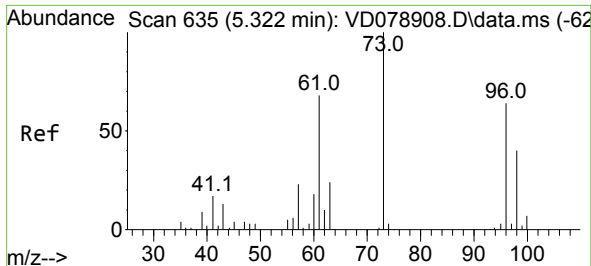
84 100

49 83.0 75.6 113.4

51 31.5 24.2 36.2

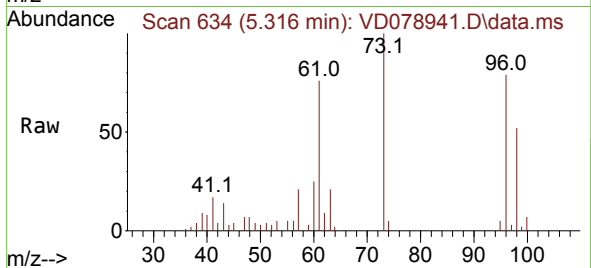
86 62.8 49.2 73.8



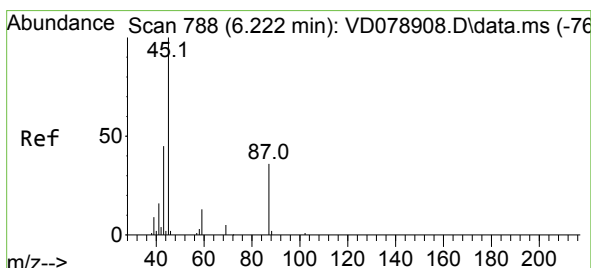
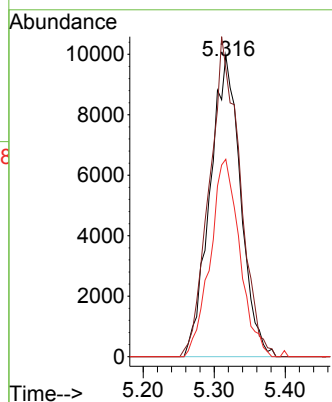
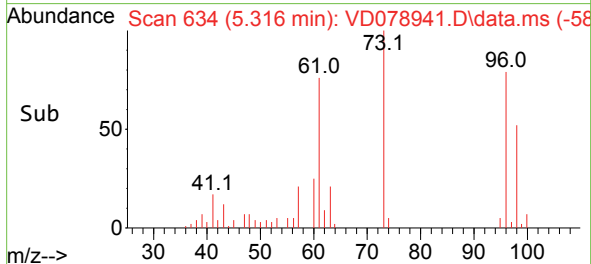


#21
trans-1,2-Dichloroethene
Concen: 20.380 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD078941.D
Acq: 16 May 2024 11:20

Instrument :
MSVOA_D
ClientSampleId :
VD0516SBS01

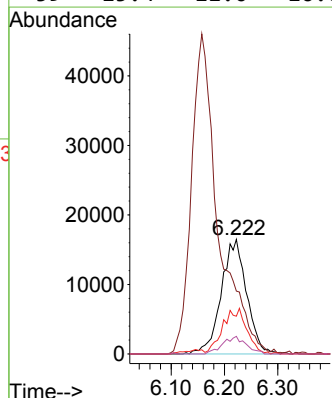
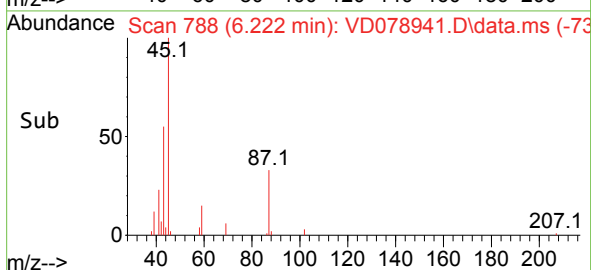
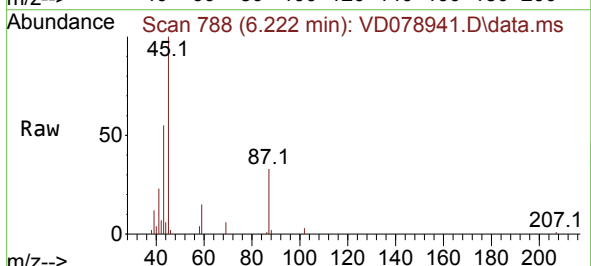


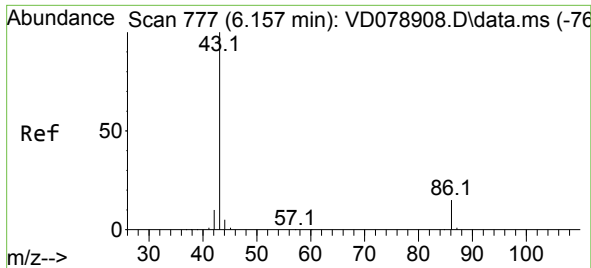
Tgt Ion: 96 Resp: 29809
Ion Ratio Lower Upper
96 100
61 95.6 84.5 126.7
98 65.5 50.5 75.7



#22
Diisopropyl ether
Concen: 18.840 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.000 min
Lab File: VD078941.D
Acq: 16 May 2024 11:20

Tgt Ion: 45 Resp: 54565
Ion Ratio Lower Upper
45 100
43 53.5 41.7 62.5
87 33.0 30.2 45.2
59 15.4 11.0 16.6

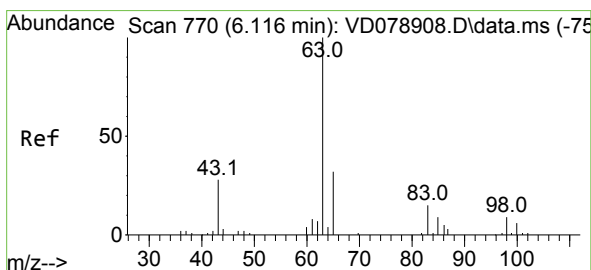
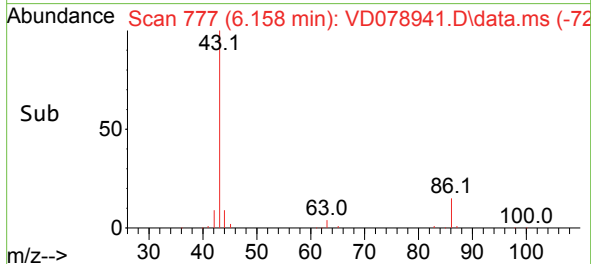
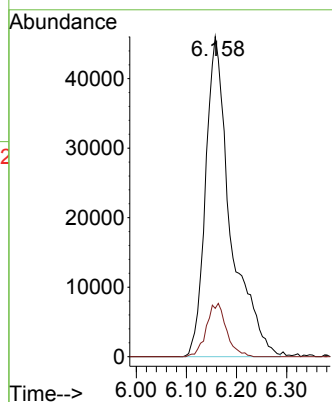
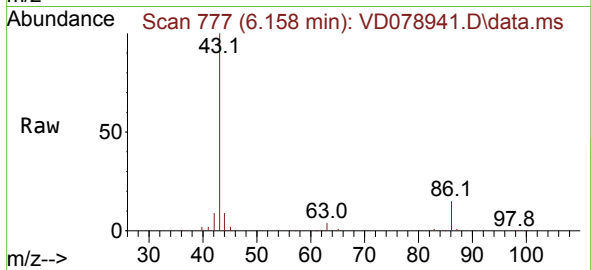




#23
 Vinyl Acetate
 Concen: 92.099 ug/l
 RT: 6.158 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VD078941.D
 Acq: 16 May 2024 11:20

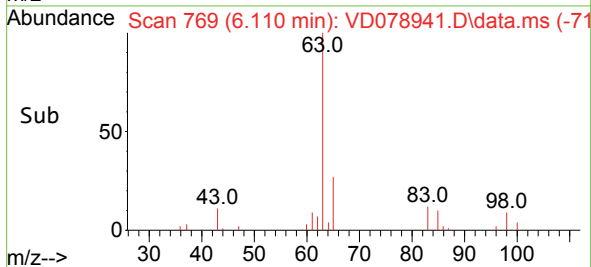
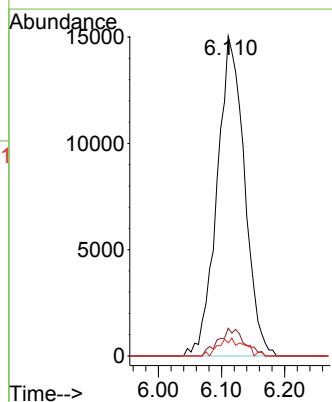
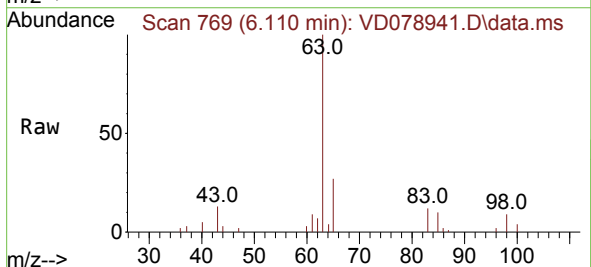
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0516SBSD01

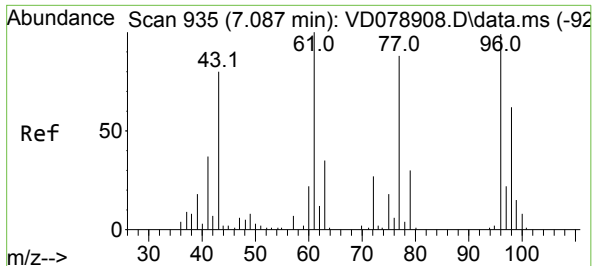
Tgt Ion: 43 Resp: 159987
 Ion Ratio Lower Upper
 43 100
 86 15.1 12.3 18.5



#24
 1,1-Dichloroethane
 Concen: 19.736 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. -0.006 min
 Lab File: VD078941.D
 Acq: 16 May 2024 11:20

Tgt Ion: 63 Resp: 45312
 Ion Ratio Lower Upper
 63 100
 98 8.6 4.7 14.0
 100 4.1 2.9 8.6

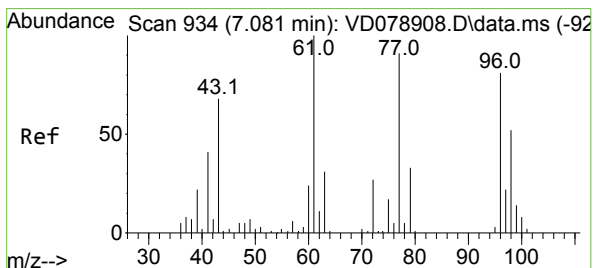
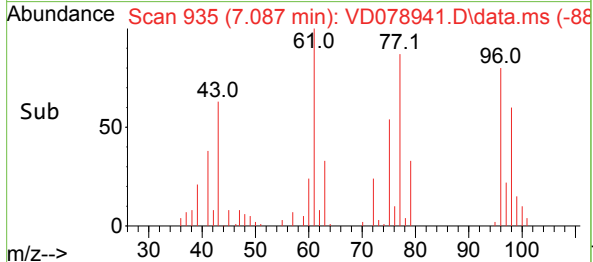
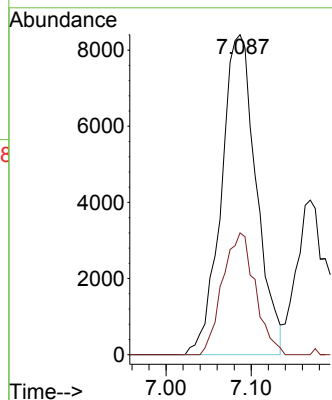
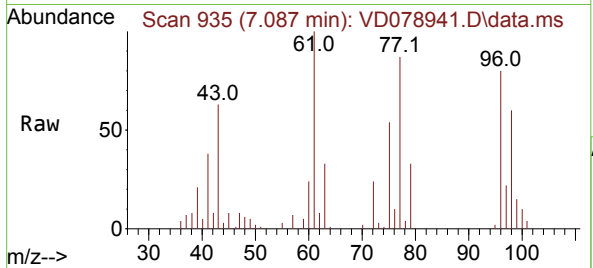




#25
2-Butanone
Concen: 92.725 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD078941.D
Acq: 16 May 2024 11:20

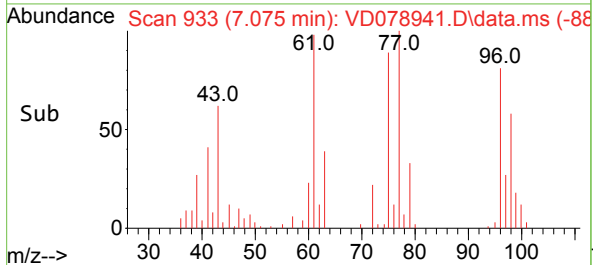
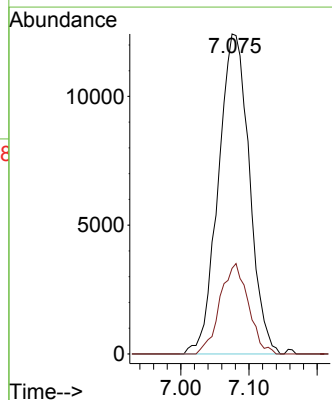
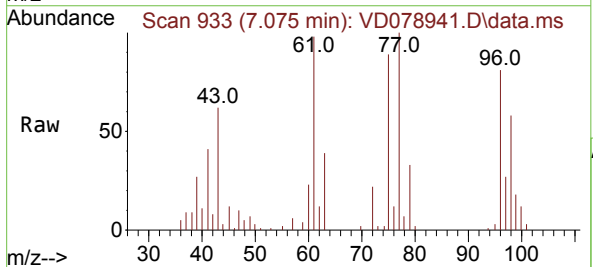
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBSD01

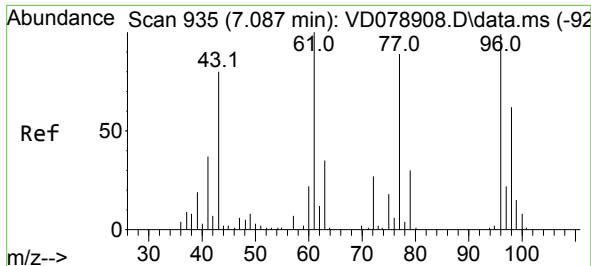
Tgt Ion: 43 Resp: 24044
Ion Ratio Lower Upper
43 100
72 38.1 26.4 39.6



#26
2,2-Dichloropropane
Concen: 19.482 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD078941.D
Acq: 16 May 2024 11:20

Tgt Ion: 77 Resp: 39307
Ion Ratio Lower Upper
77 100
97 25.9 12.4 37.2

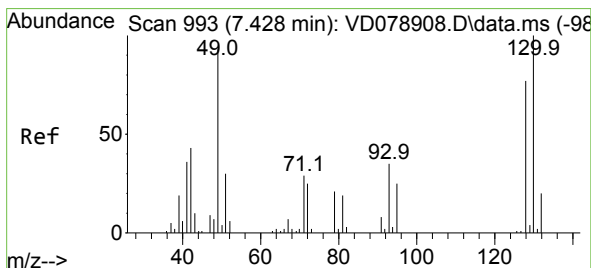
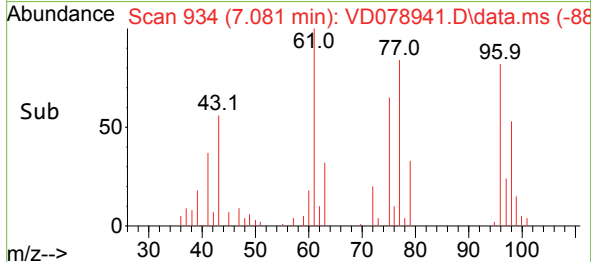
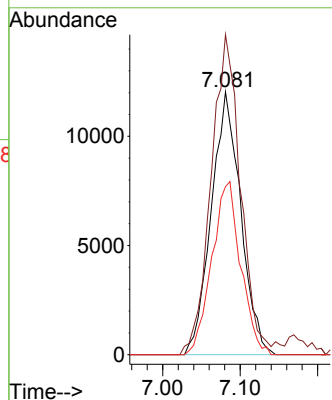
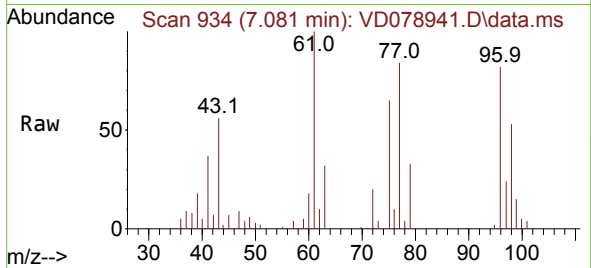




#27
 cis-1,2-Dichloroethene
 Concen: 18.515 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VD078941.D
 Acq: 16 May 2024 11:20

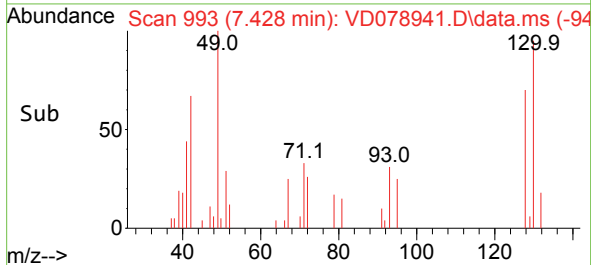
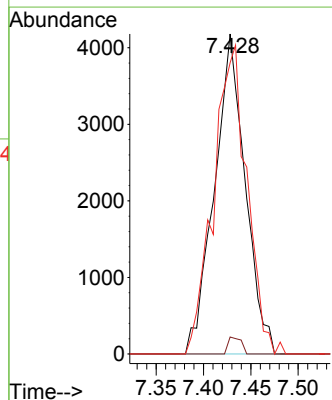
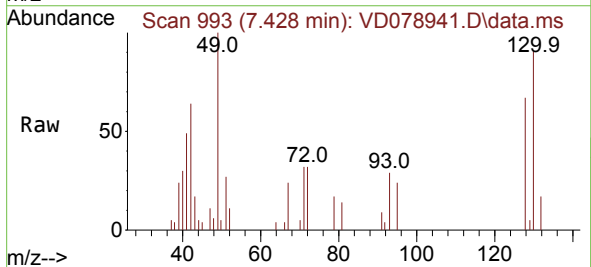
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0516SBS01

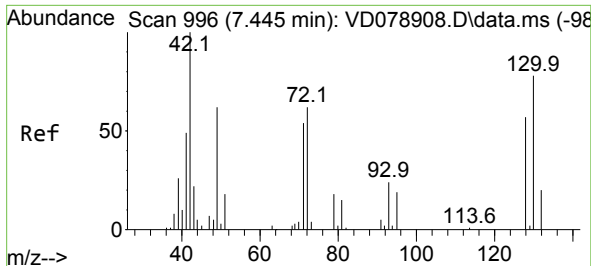
Tgt Ion: 96 Resp: 31801
 Ion Ratio Lower Upper
 96 100
 61 121.6 0.0 229.0
 98 64.7 0.0 127.2



#28
 Bromochloromethane
 Concen: 12.362 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.000 min
 Lab File: VD078941.D
 Acq: 16 May 2024 11:20

Tgt Ion: 49 Resp: 9465
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 7.0
 130 104.4 87.7 131.5





#29

Tetrahydrofuran

Concen: 91.338 ug/l

RT: 7.452 min Scan# 996

Delta R.T. 0.006 min

Lab File: VD078941.D

Acq: 16 May 2024 11:20

Instrument :

MSVOA_D

ClientSampleId :

VD0516SBS01

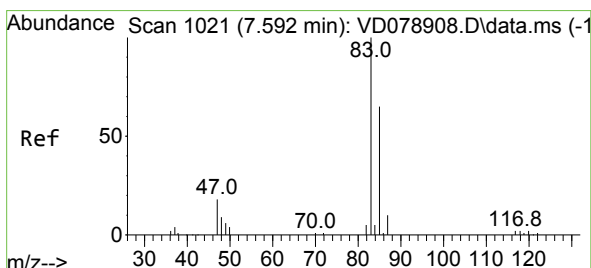
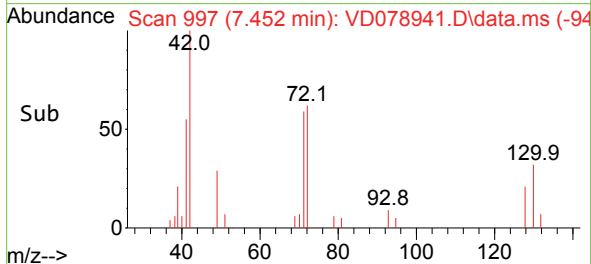
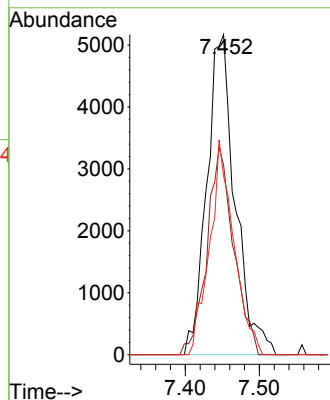
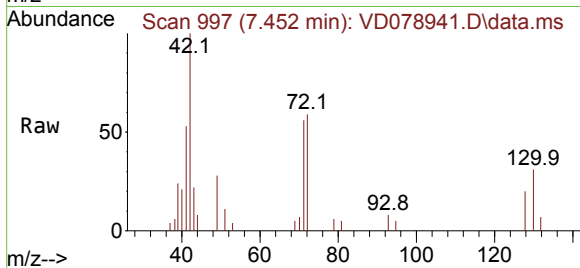
Tgt Ion: 42 Resp: 13699

Ion Ratio Lower Upper

42 100

72 61.3 49.4 74.0

71 57.6 45.0 67.6



#30

Chloroform

Concen: 19.484 ug/l

RT: 7.604 min Scan# 1023

Delta R.T. 0.012 min

Lab File: VD078941.D

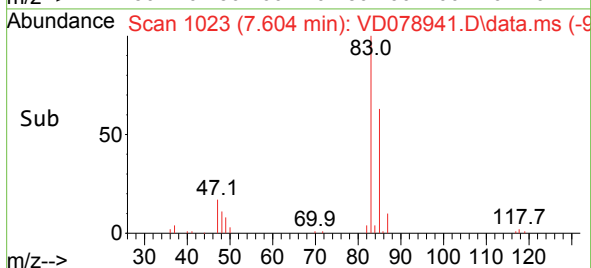
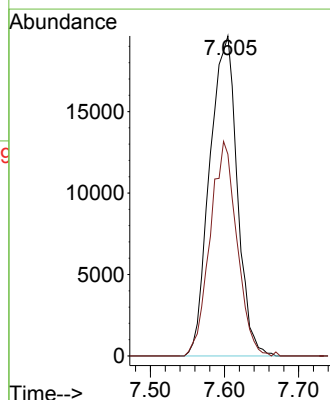
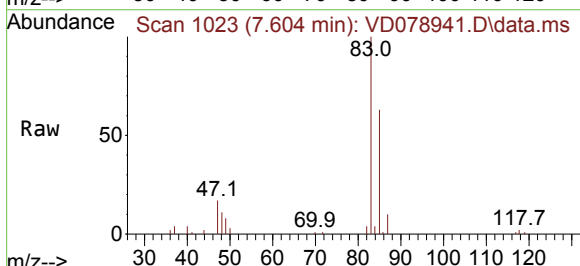
Acq: 16 May 2024 11:20

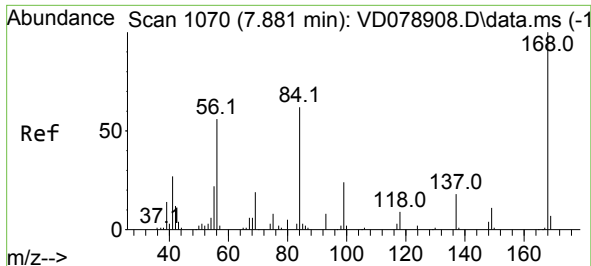
Tgt Ion: 83 Resp: 50668

Ion Ratio Lower Upper

83 100

85 63.1 51.8 77.6

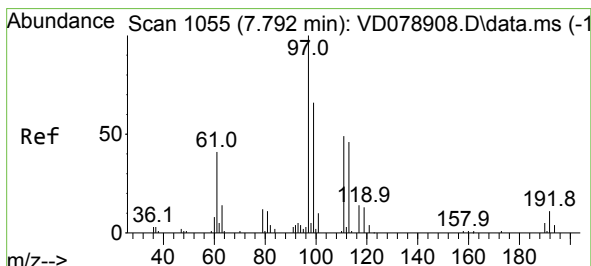
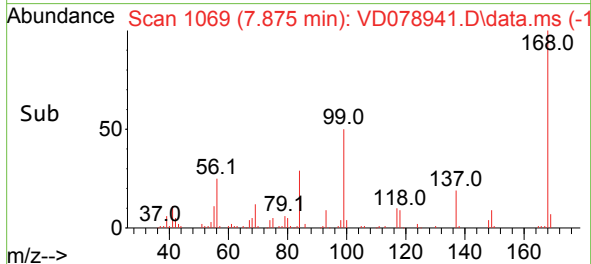
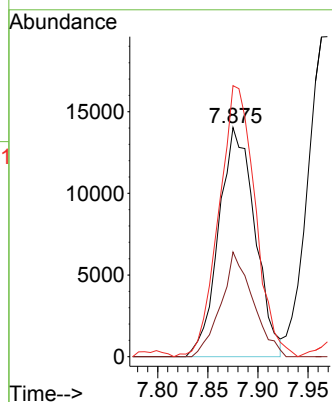
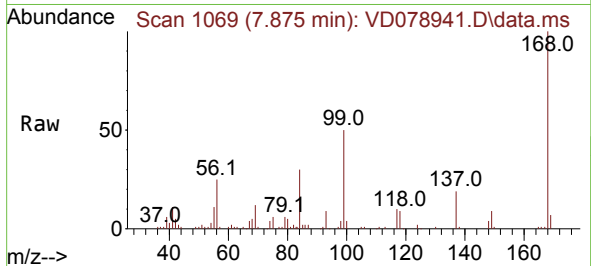




#31
Cyclohexane
Concen: 19.853 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078941.D
Acq: 16 May 2024 11:20

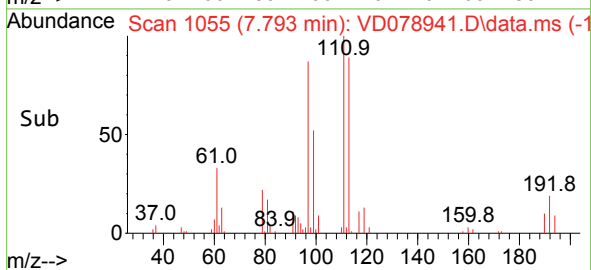
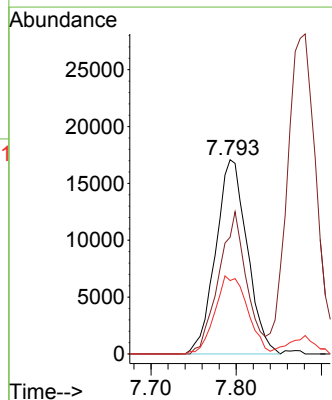
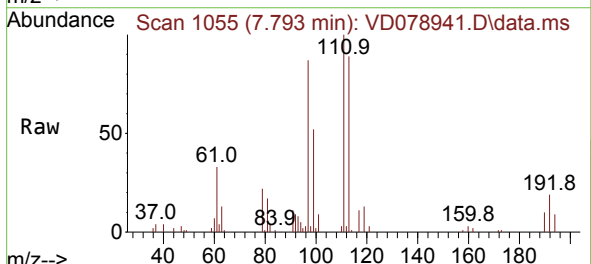
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBS01

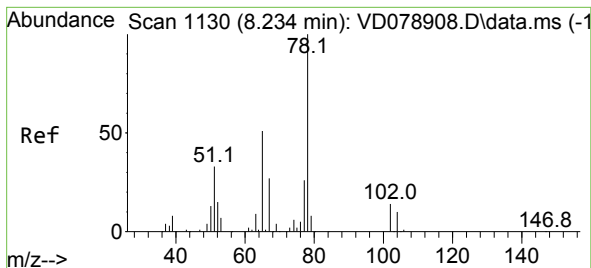
Tgt Ion: 56 Resp: 35269
Ion Ratio Lower Upper
56 100
69 45.7 28.0 42.0#
84 117.1 87.4 131.0



#32
1,1,1-Trichloroethane
Concen: 19.685 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VD078941.D
Acq: 16 May 2024 11:20

Tgt Ion: 97 Resp: 43837
Ion Ratio Lower Upper
97 100
99 64.8 51.3 76.9
61 41.6 31.4 47.2





#33

1,2-Dichloroethane-d4

Concen: 50.987 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD078941.D

Acq: 16 May 2024 11:20

Instrument :

MSVOA_D

ClientSampleId :

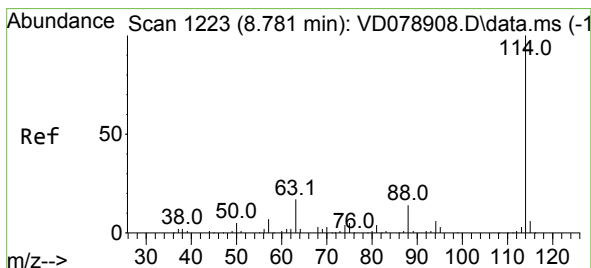
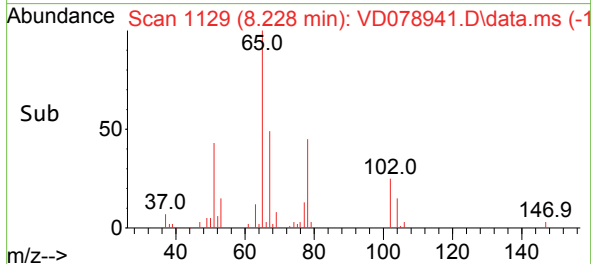
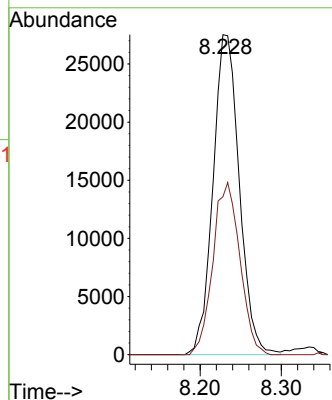
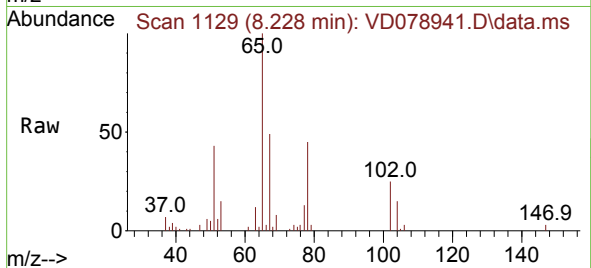
VD0516SBS01

Tgt Ion: 65 Resp: 61997

Ion Ratio Lower Upper

65 100

67 55.1 0.0 111.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.000 min

Lab File: VD078941.D

Acq: 16 May 2024 11:20

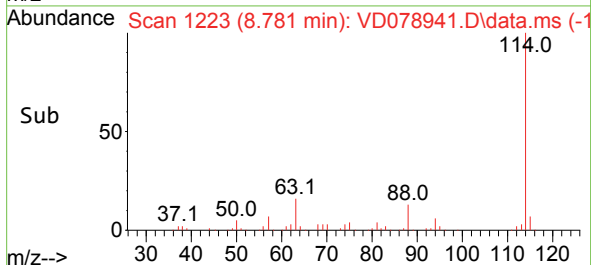
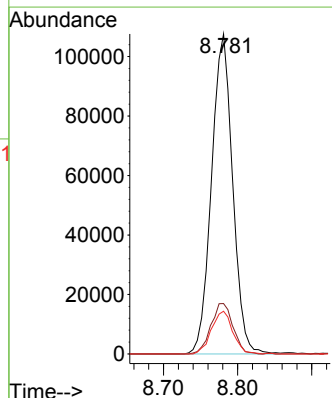
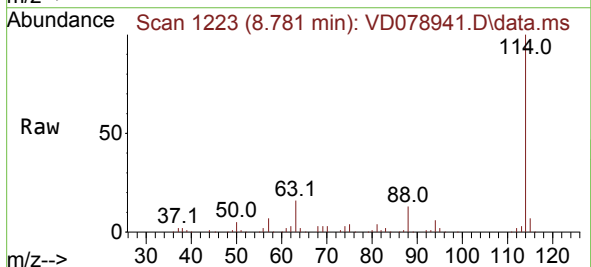
Tgt Ion: 114 Resp: 213038

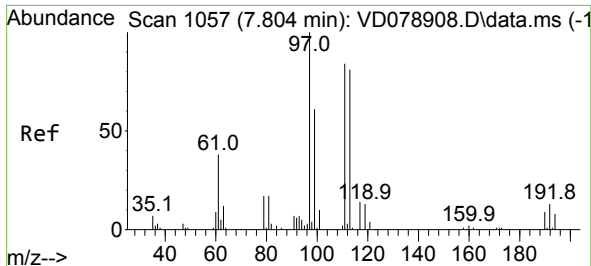
Ion Ratio Lower Upper

114 100

63 15.8 0.0 34.0

88 13.4 0.0 27.2

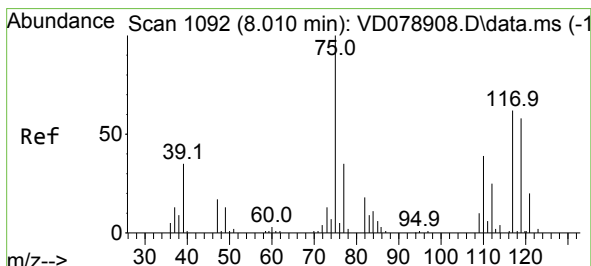
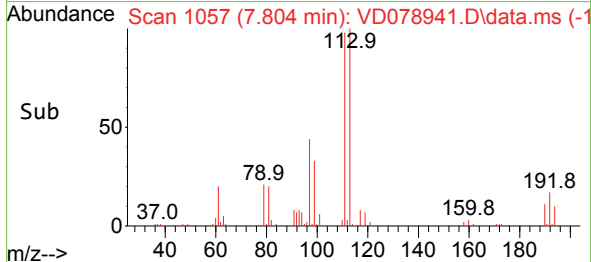
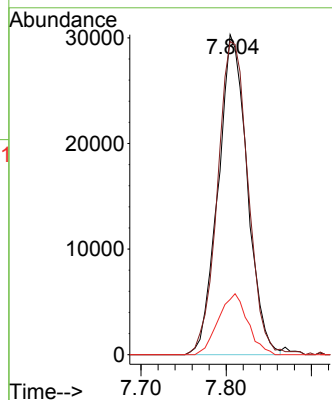
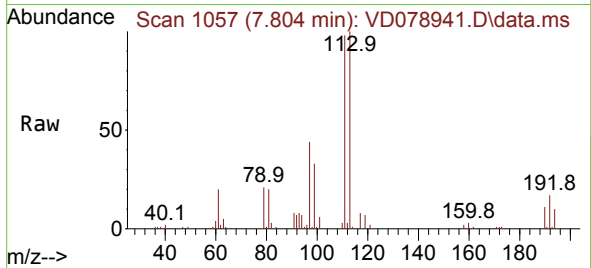




#35
Dibromofluoromethane
Concen: 50.758 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD078941.D
Acq: 16 May 2024 11:20

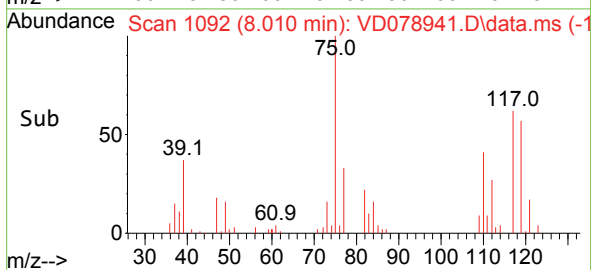
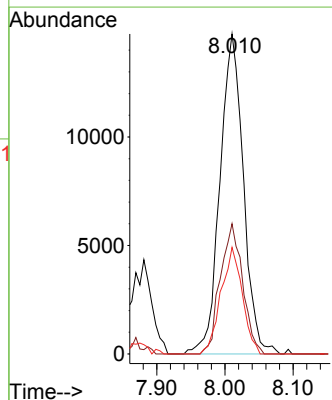
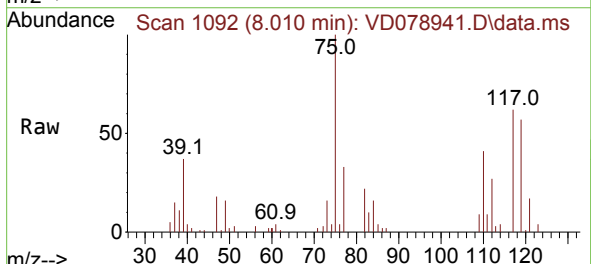
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBSD01

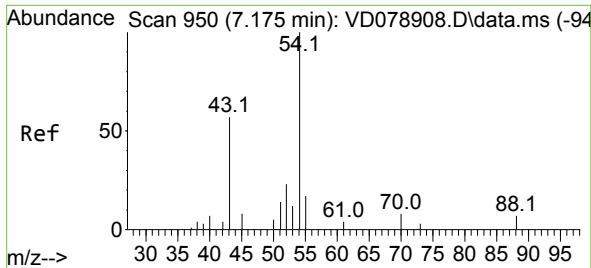
Tgt Ion:113 Resp: 71981
Ion Ratio Lower Upper
113 100
111 102.6 84.0 126.0
192 19.2 15.4 23.0



#36
1,1-Dichloropropene
Concen: 20.016 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VD078941.D
Acq: 16 May 2024 11:20

Tgt Ion: 75 Resp: 35323
Ion Ratio Lower Upper
75 100
110 38.7 19.6 58.7
77 30.3 26.1 39.1

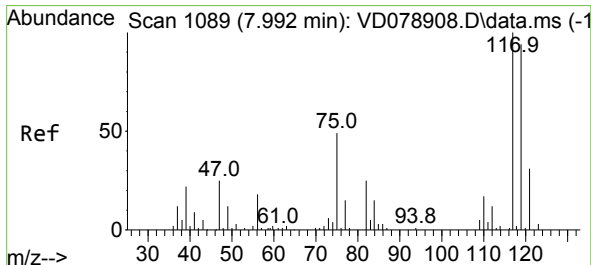
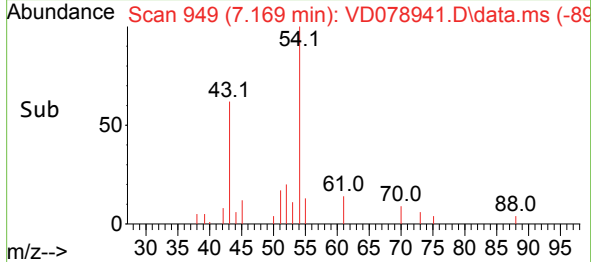
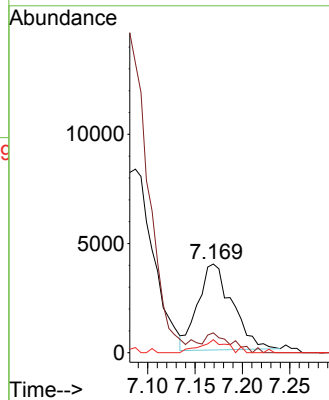
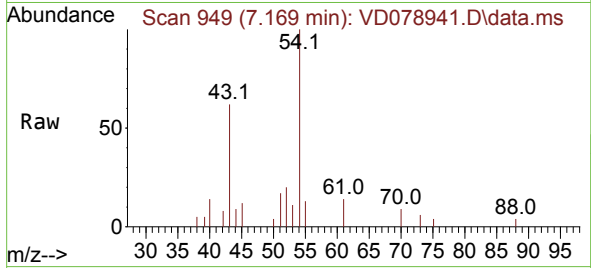




#37
Ethyl Acetate
Concen: 16.421 ug/l
RT: 7.169 min Scan# 949
Delta R.T. -0.006 min
Lab File: VD078941.D
Acq: 16 May 2024 11:20

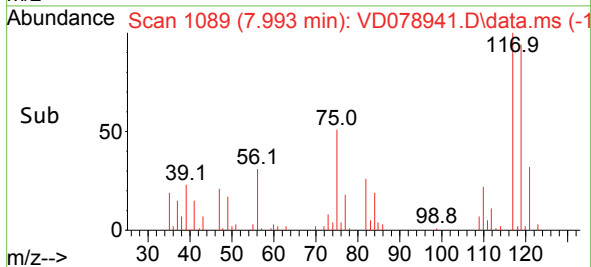
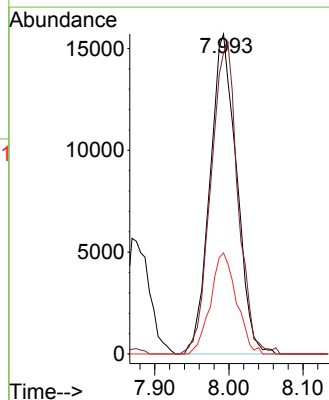
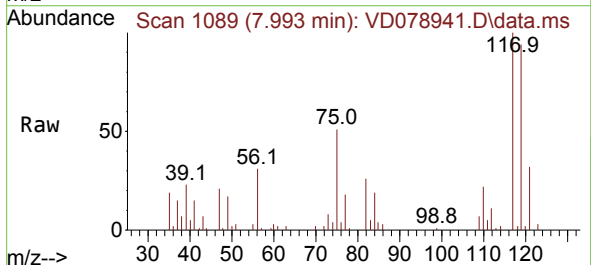
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBSD01

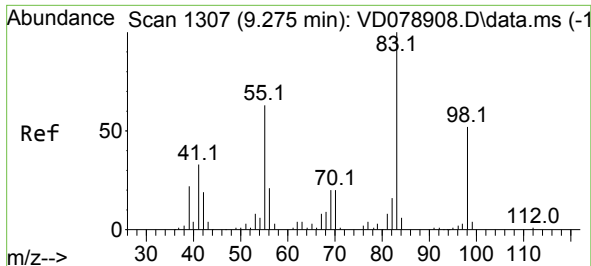
Tgt Ion: 43	Resp:	9876
Ion Ratio	Lower	Upper
43	100	
61	16.8	13.9 20.9
70	11.8	9.8 14.6



#38
Carbon Tetrachloride
Concen: 19.026 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD078941.D
Acq: 16 May 2024 11:20

Tgt Ion: 117	Resp:	39292
Ion Ratio	Lower	Upper
117	100	
119	94.2	75.4 113.0
121	31.5	25.0 37.4





#39

Methylcyclohexane

Concen: 20.266 ug/l

RT: 9.275 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD078941.D

Acq: 16 May 2024 11:20

Instrument :

MSVOA_D

ClientSampleId :

VD0516SBS01

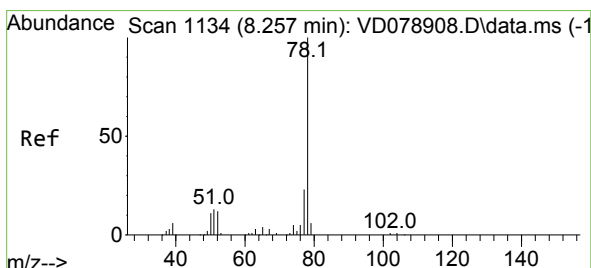
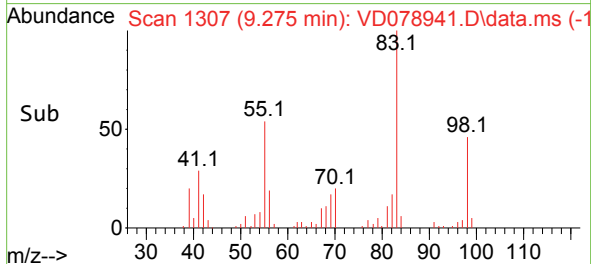
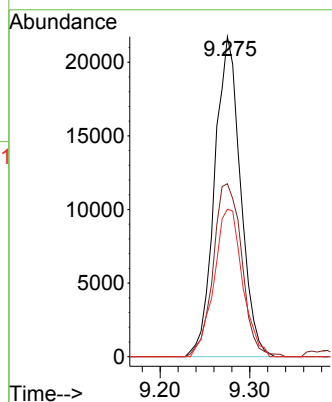
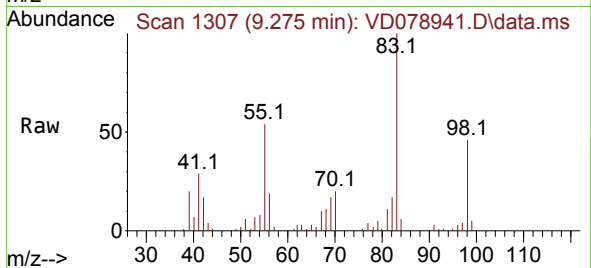
Tgt Ion: 83 Resp: 43454

Ion Ratio Lower Upper

83 100

55 54.1 50.1 75.1

98 46.1 41.9 62.9



#40

Benzene

Concen: 18.901 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. -0.006 min

Lab File: VD078941.D

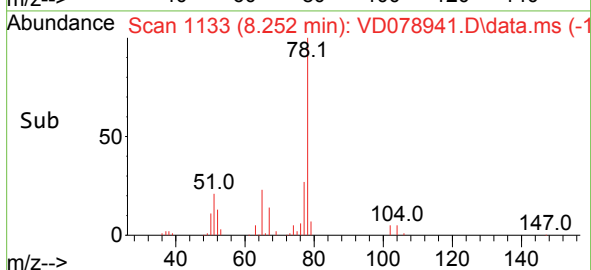
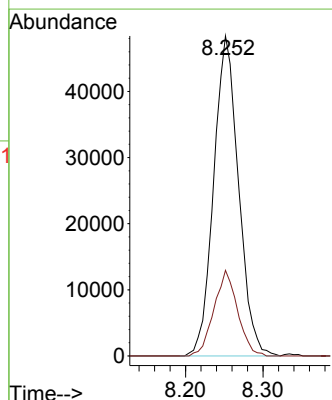
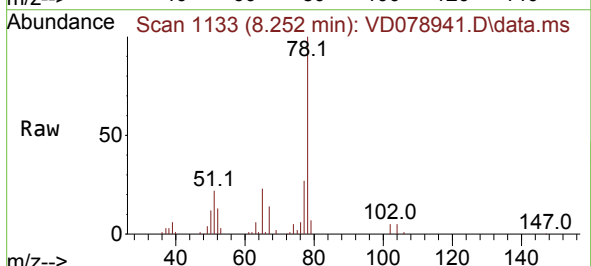
Acq: 16 May 2024 11:20

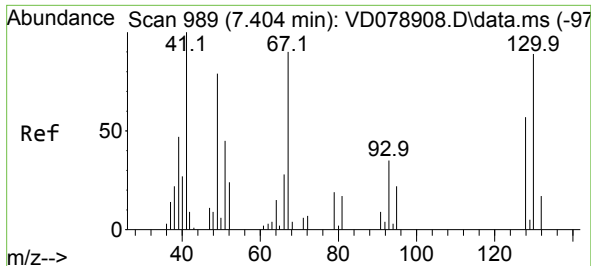
Tgt Ion: 78 Resp: 107882

Ion Ratio Lower Upper

78 100

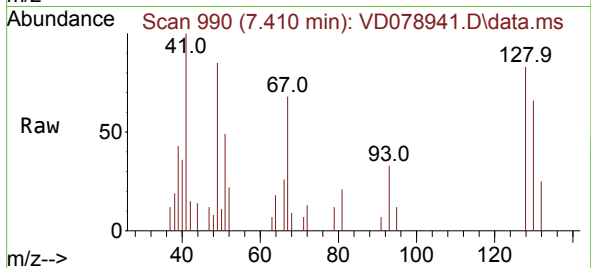
77 26.7 18.1 27.1



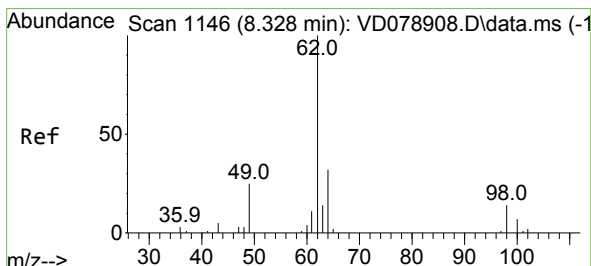
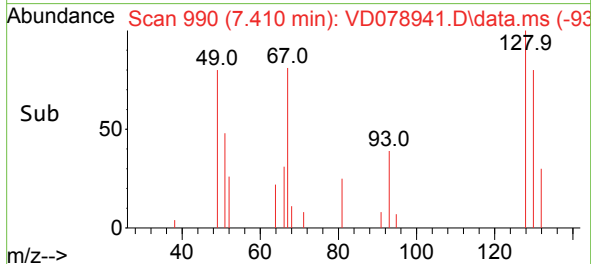
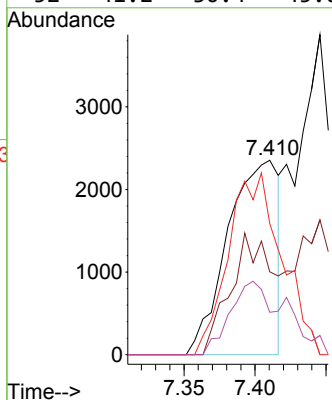


#41
Methacrylonitrile
Concen: 18.111 ug/l
RT: 7.410 min Scan# 990
Delta R.T. 0.006 min
Lab File: VD078941.D
Acq: 16 May 2024 11:20

Instrument :
MSVOA_D
ClientSampleId :
VD0516SBSD01

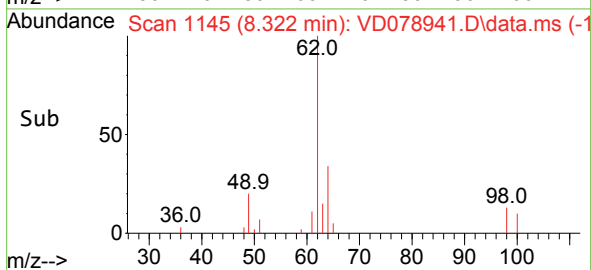
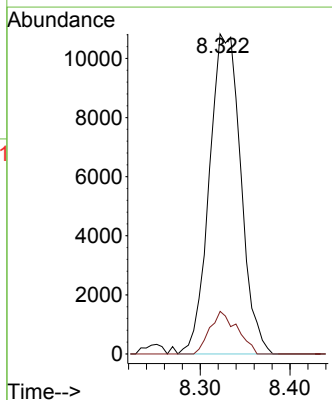
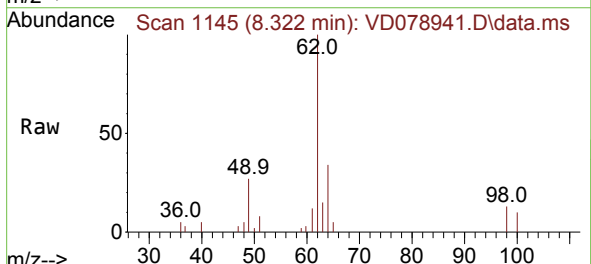


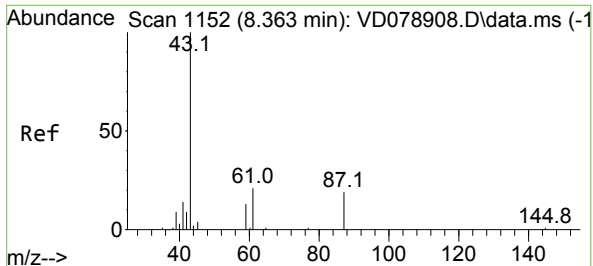
Tgt Ion:	41	Resp:	5861
Ion	Ratio	Lower	Upper
41	100		
39	50.6	41.4	62.0
67	97.4	85.8	128.6
52	41.2	30.4	45.6



#42
1,2-Dichloroethane
Concen: 19.053 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD078941.D
Acq: 16 May 2024 11:20

Tgt Ion:	62	Resp:	26323
Ion	Ratio	Lower	Upper
62	100		
98	11.6	0.0	25.8

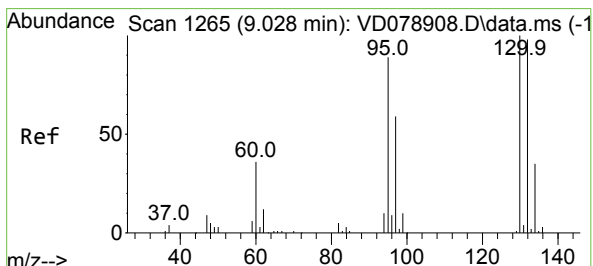
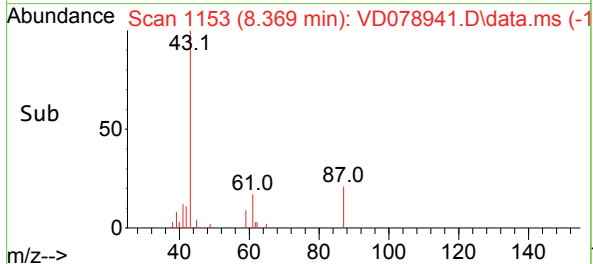
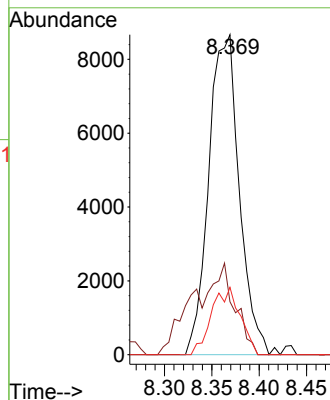
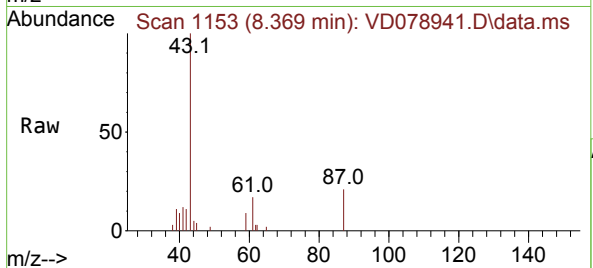




#43
Isopropyl Acetate
Concen: 18.238 ug/l
RT: 8.369 min Scan# 1153
Delta R.T. 0.006 min
Lab File: VD078941.D
Acq: 16 May 2024 11:20

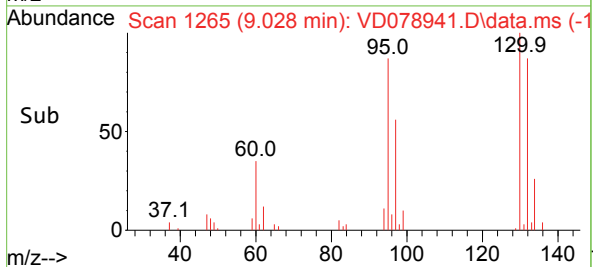
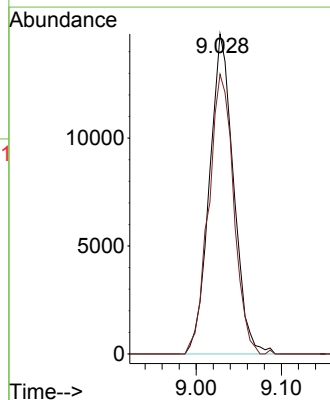
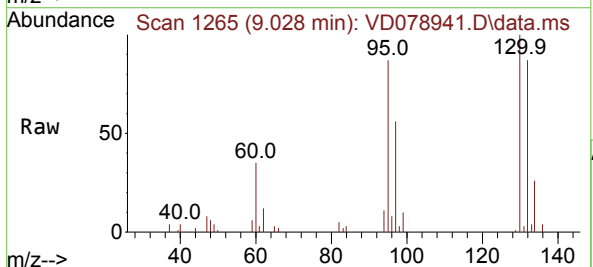
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBS01

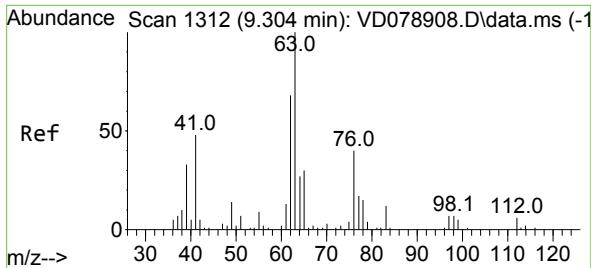
Tgt Ion: 43 Resp: 19462
Ion Ratio Lower Upper
43 100
61 22.9 29.3 43.9#
87 19.7 14.9 22.3



#44
Trichloroethene
Concen: 19.323 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD078941.D
Acq: 16 May 2024 11:20

Tgt Ion:130 Resp: 29254
Ion Ratio Lower Upper
130 100
95 87.4 0.0 177.8

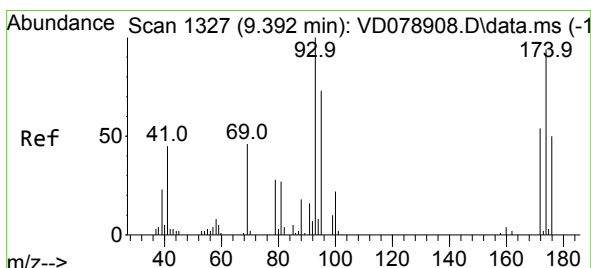
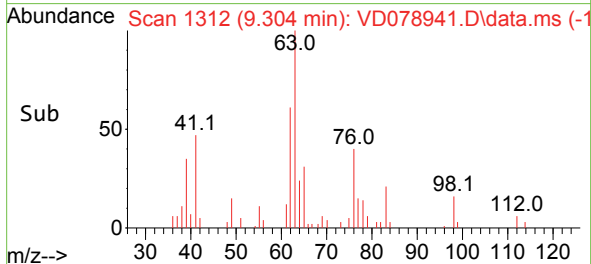
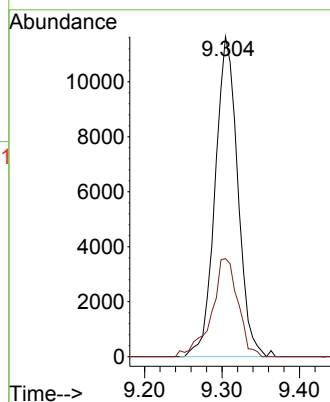
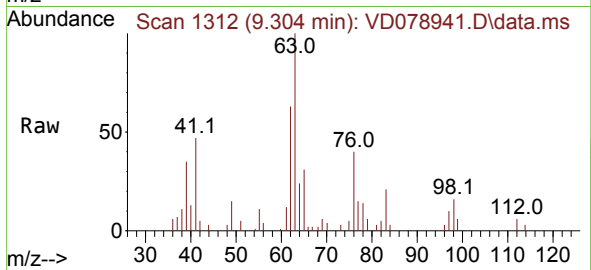




#45
1,2-Dichloropropane
Concen: 18.840 ug/l
RT: 9.304 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078941.D
Acq: 16 May 2024 11:20

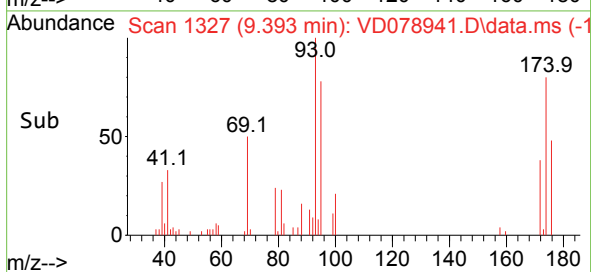
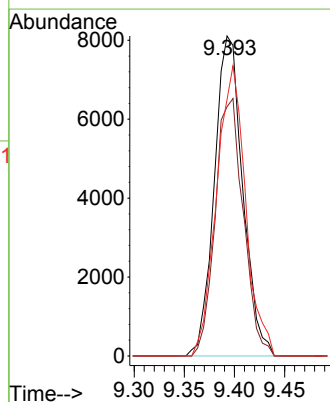
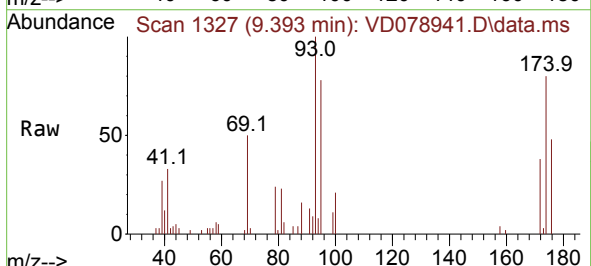
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBSD01

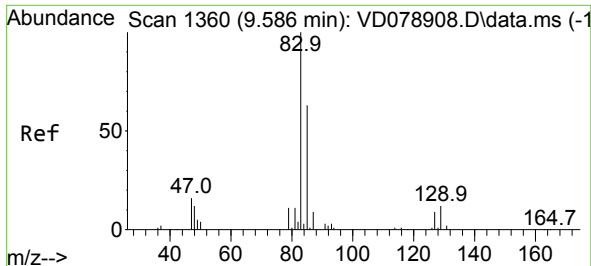
Tgt Ion: 63 Resp: 23631
Ion Ratio Lower Upper
63 100
65 30.6 23.8 35.8



#46
Dibromomethane
Concen: 19.284 ug/l
RT: 9.393 min Scan# 1327
Delta R.T. 0.000 min
Lab File: VD078941.D
Acq: 16 May 2024 11:20

Tgt Ion: 93 Resp: 15923
Ion Ratio Lower Upper
93 100
95 79.8 65.6 98.4
174 92.4 82.3 123.5

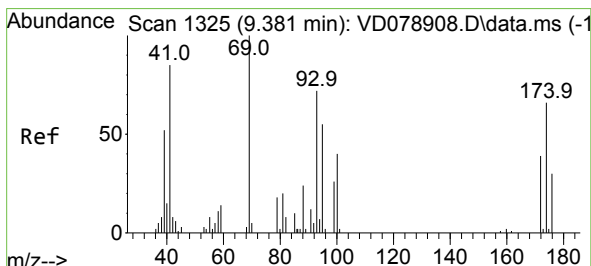
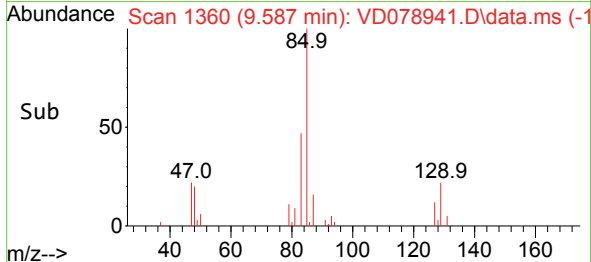
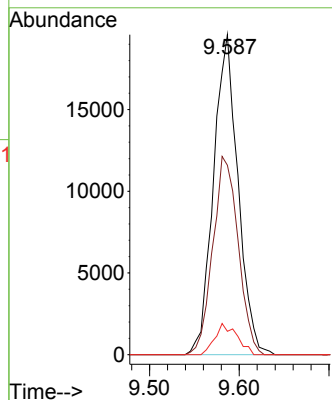
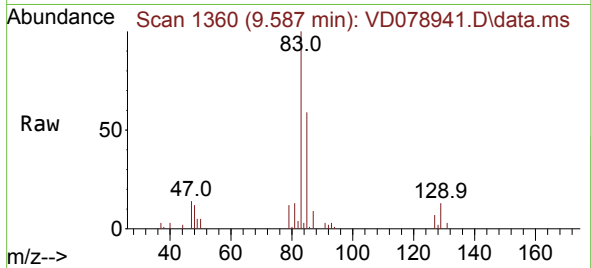




#47
Bromodichloromethane
Concen: 18.668 ug/l
RT: 9.587 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078941.D
Acq: 16 May 2024 11:20

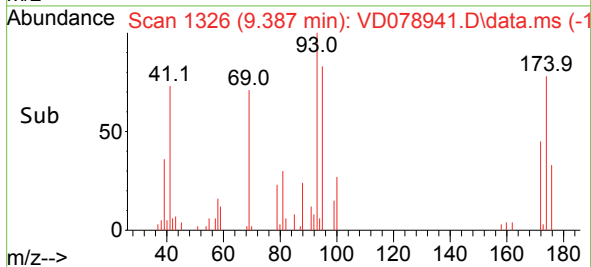
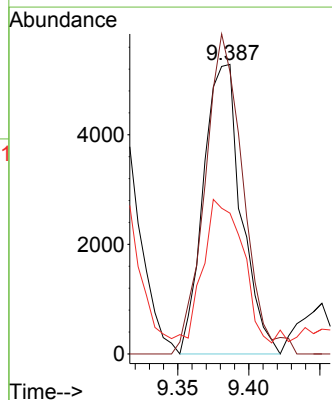
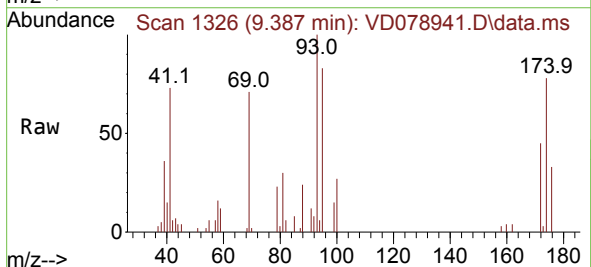
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBS01

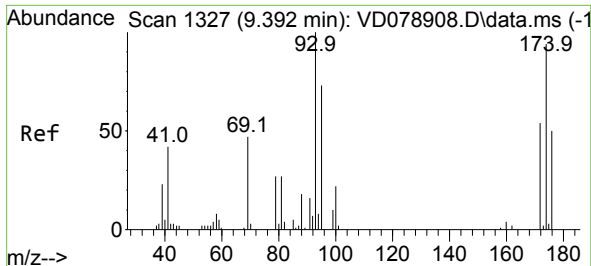
Tgt Ion: 83 Resp: 37104
Ion Ratio Lower Upper
83 100
85 59.2 50.1 75.1
127 7.3 6.8 10.2



#48
Methyl methacrylate
Concen: 18.909 ug/l
RT: 9.387 min Scan# 1326
Delta R.T. 0.006 min
Lab File: VD078941.D
Acq: 16 May 2024 11:20

Tgt Ion: 41 Resp: 9823
Ion Ratio Lower Upper
41 100
69 111.0 96.7 145.1
39 52.5 43.8 65.6





#49

1,4-Dioxane

Concen: 434.793 ug/l

RT: 9.387 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD078941.D

Acq: 16 May 2024 11:20

Instrument :

MSVOA_D

ClientSampleId :

VD0516SBS01

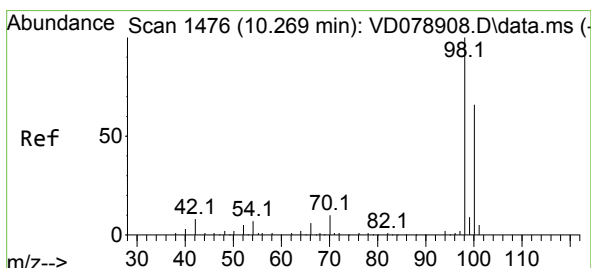
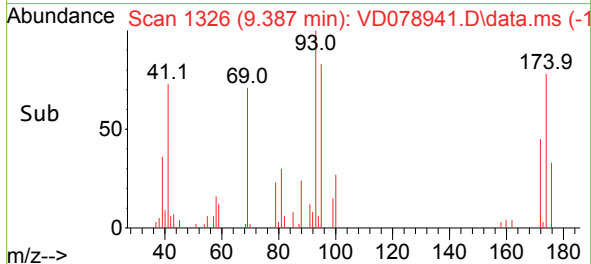
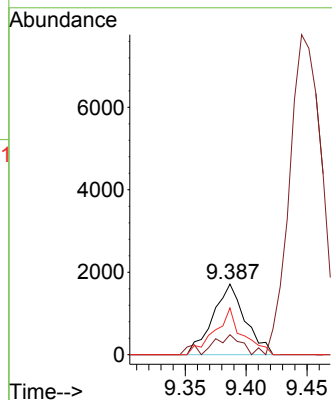
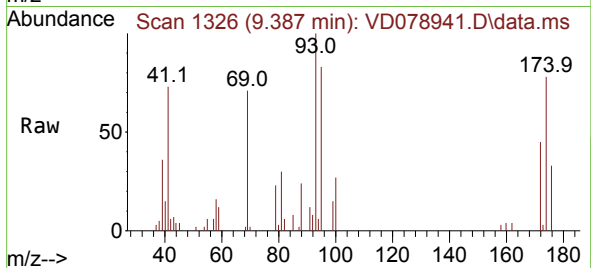
Tgt Ion: 88 Resp: 3158

Ion Ratio Lower Upper

88 100

43 21.6 21.5 32.3

58 56.6 42.2 63.4



#50

Toluene-d8

Concen: 52.060 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078941.D

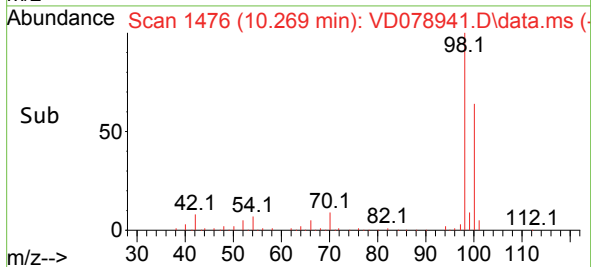
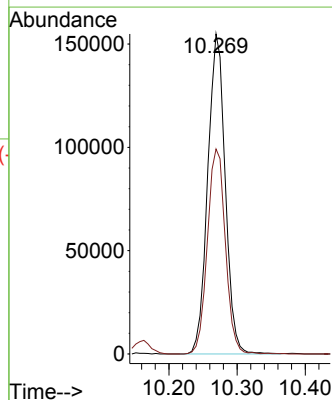
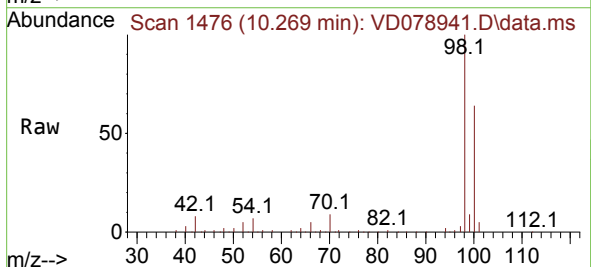
Acq: 16 May 2024 11:20

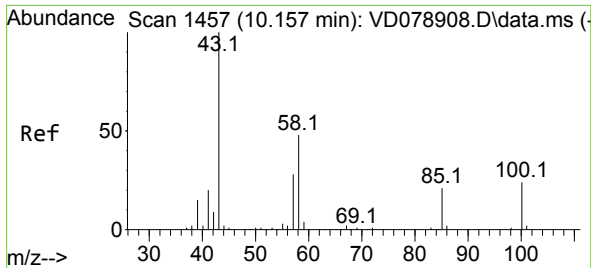
Tgt Ion: 98 Resp: 276767

Ion Ratio Lower Upper

98 100

100 65.7 51.6 77.4

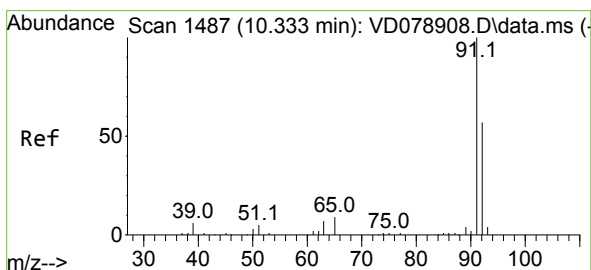
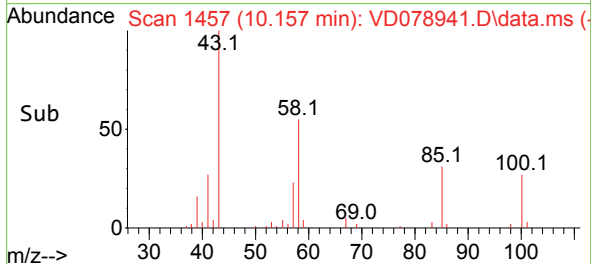
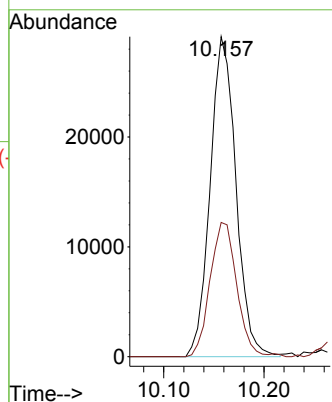
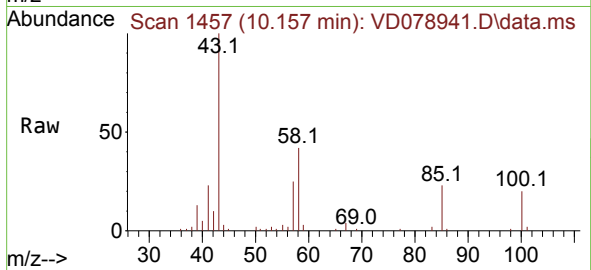




#51
4-Methyl-2-Pentanone
Concen: 91.612 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD078941.D
Acq: 16 May 2024 11:20

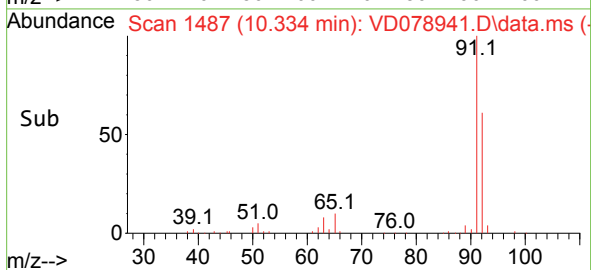
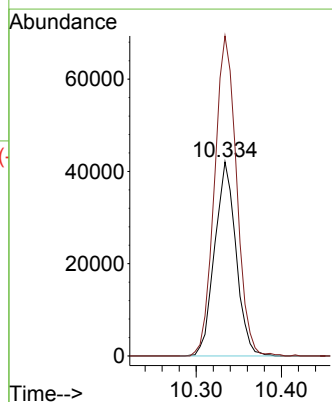
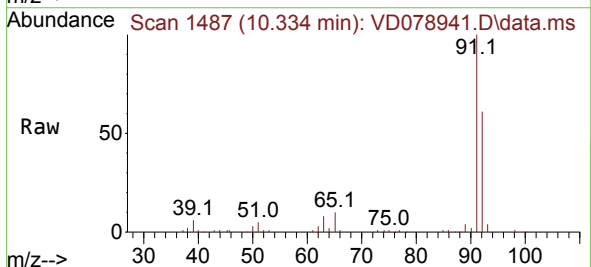
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBS01

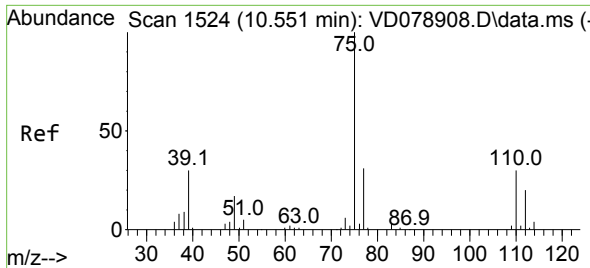
Tgt Ion: 43 Resp: 52071
Ion Ratio Lower Upper
43 100
58 43.5 36.6 55.0



#52
Toluene
Concen: 20.031 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078941.D
Acq: 16 May 2024 11:20

Tgt Ion: 92 Resp: 73187
Ion Ratio Lower Upper
92 100
91 170.8 141.7 212.5

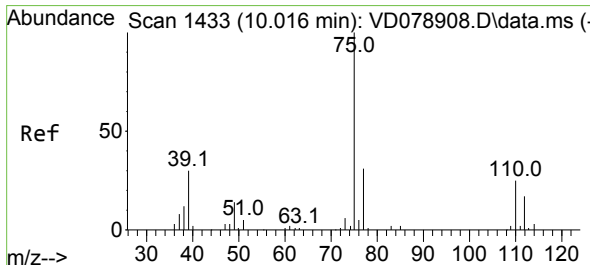
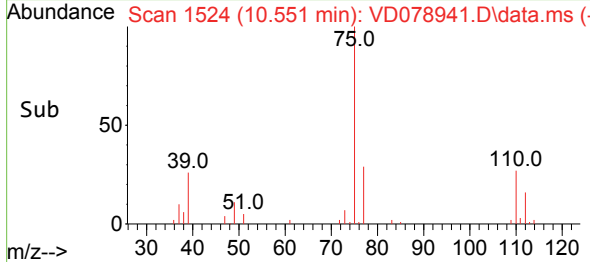
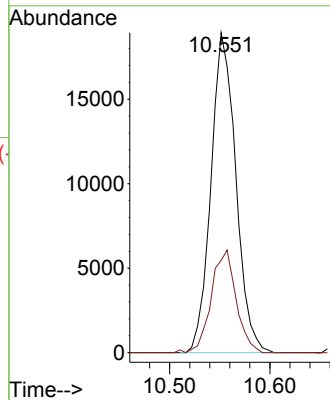
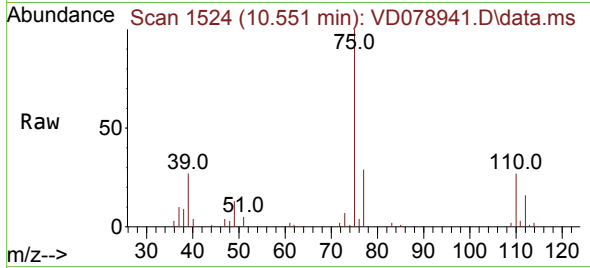




#53
 t-1,3-Dichloropropene
 Concen: 19.342 ug/l
 RT: 10.551 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VD078941.D
 Acq: 16 May 2024 11:20

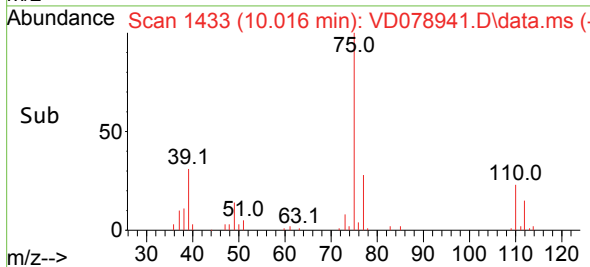
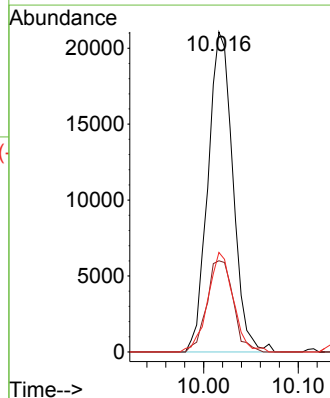
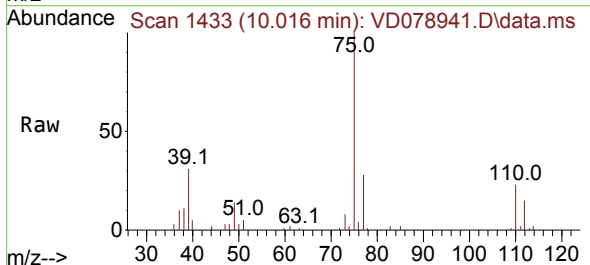
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0516SBSD01

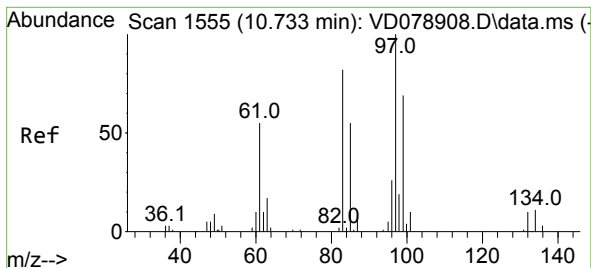
Tgt Ion: 75 Resp: 32668
 Ion Ratio Lower Upper
 75 100
 77 28.8 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 18.996 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD078941.D
 Acq: 16 May 2024 11:20

Tgt Ion: 75 Resp: 38510
 Ion Ratio Lower Upper
 75 100
 77 28.5 24.4 36.6
 39 31.1 24.2 36.2





#55

1,1,2-Trichloroethane

Concen: 18.010 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD078941.D

Acq: 16 May 2024 11:20

Instrument :

MSVOA_D

ClientSampleId :

VD0516SBS01

Tgt Ion: 97 Resp: 19212

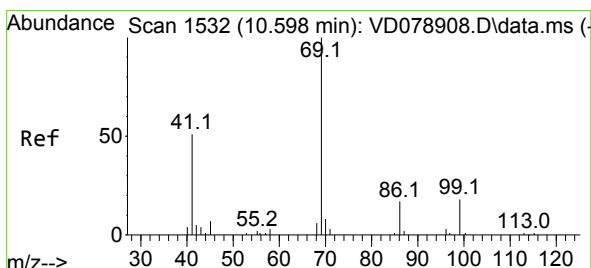
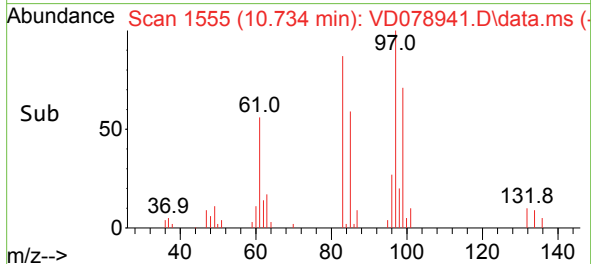
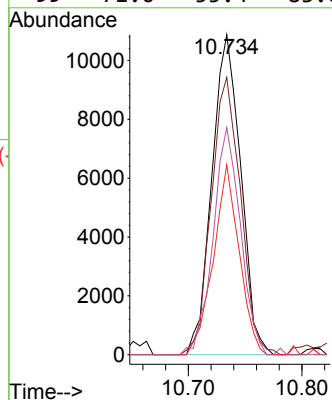
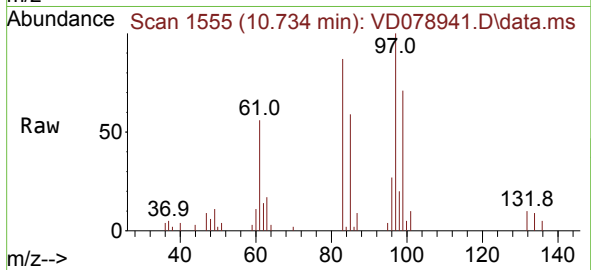
Ion Ratio Lower Upper

97 100

83 86.6 65.8 98.8

85 59.4 43.8 65.8

99 71.0 55.4 83.0



#56

Ethyl methacrylate

Concen: 18.210 ug/l

RT: 10.598 min Scan# 1532

Delta R.T. 0.000 min

Lab File: VD078941.D

Acq: 16 May 2024 11:20

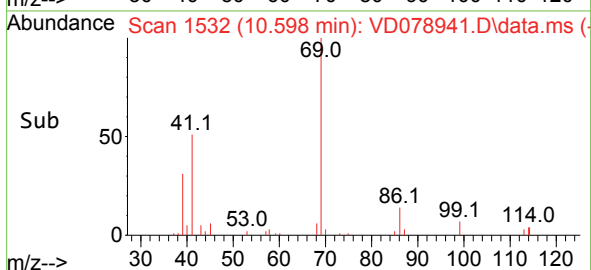
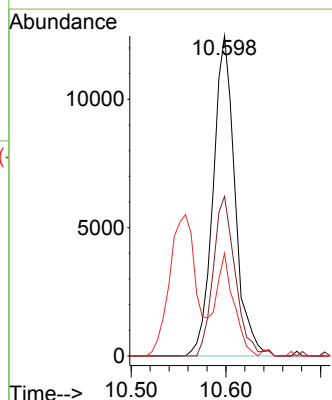
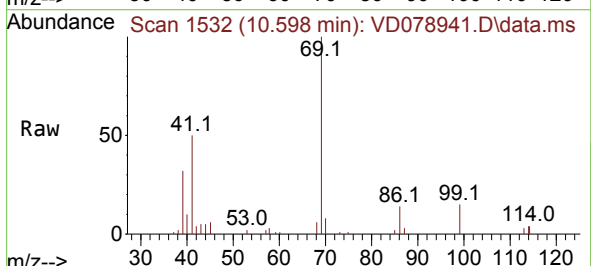
Tgt Ion: 69 Resp: 19986

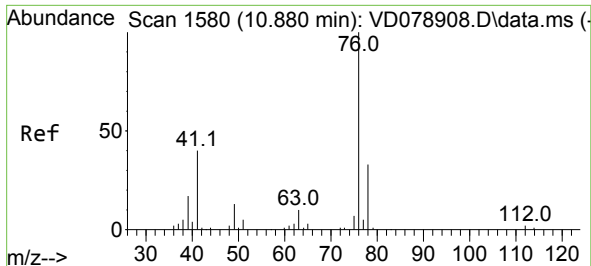
Ion Ratio Lower Upper

69 100

41 50.4 39.8 59.6

39 26.0 20.2 30.4





#57

1,3-Dichloropropane

Concen: 18.391 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD078941.D

Acq: 16 May 2024 11:20

Instrument :

MSVOA_D

ClientSampleId :

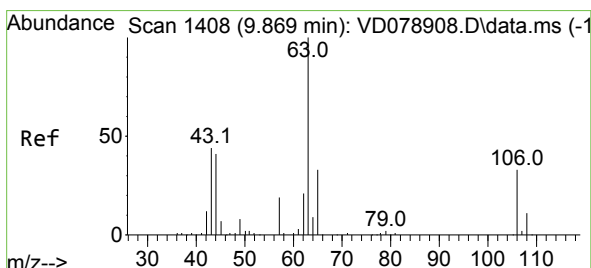
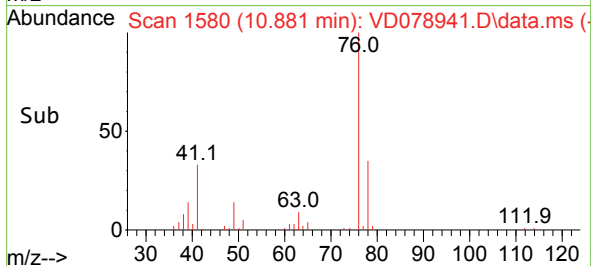
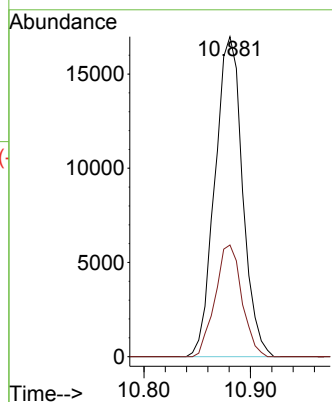
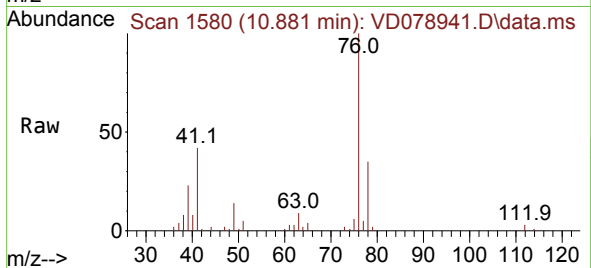
VD0516SBS01

Tgt Ion: 76 Resp: 30550

Ion Ratio Lower Upper

76 100

78 33.7 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 96.721 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD078941.D

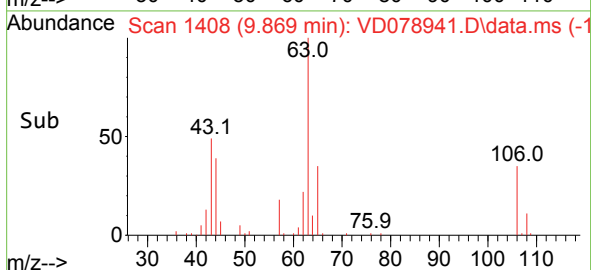
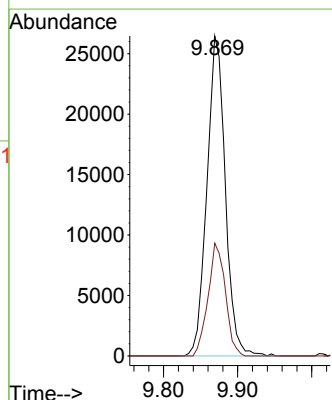
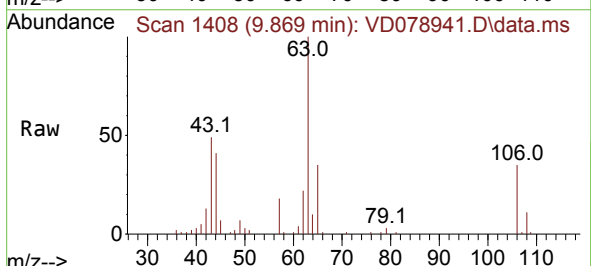
Acq: 16 May 2024 11:20

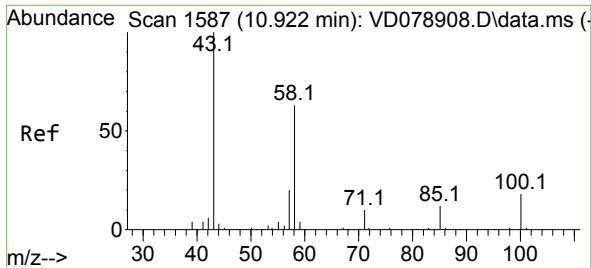
Tgt Ion: 63 Resp: 45612

Ion Ratio Lower Upper

63 100

106 33.2 26.4 39.6

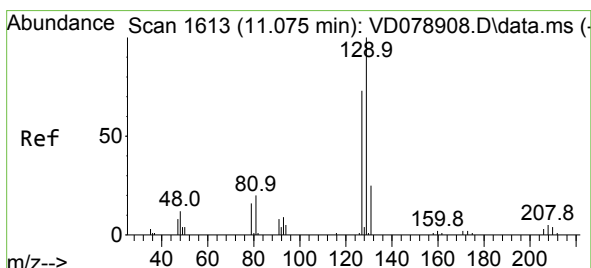
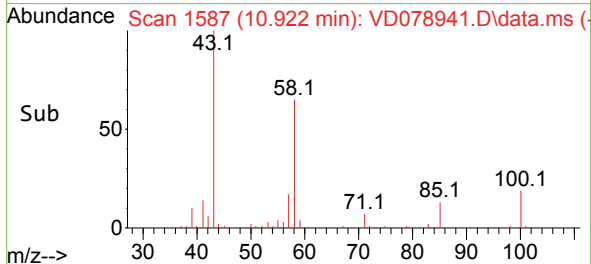
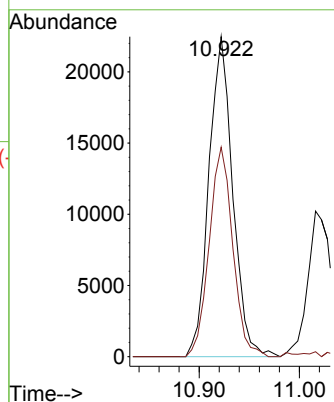
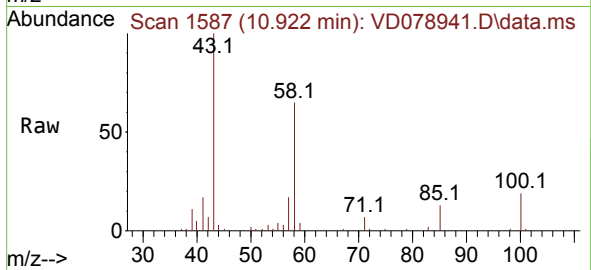




#59
2-Hexanone
Concen: 93.877 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078941.D
Acq: 16 May 2024 11:20

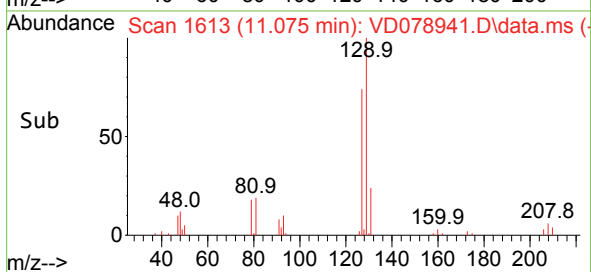
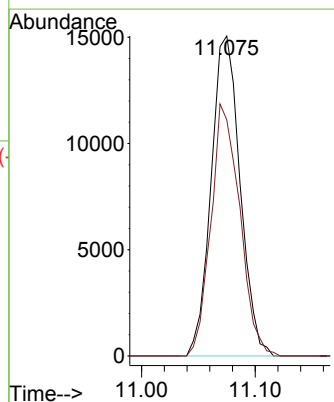
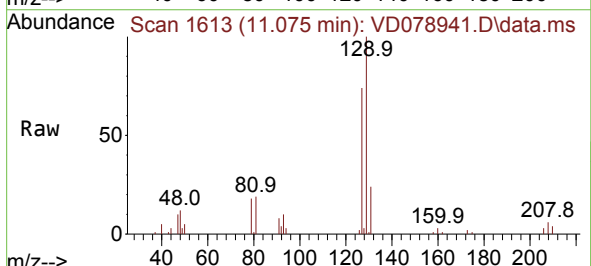
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBS01

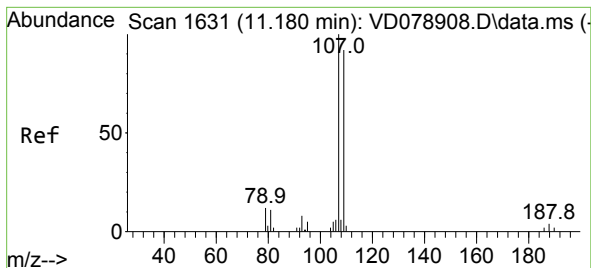
Tgt Ion: 43 Resp: 37140
Ion Ratio Lower Upper
43 100
58 64.8 31.1 93.5



#60
Dibromochloromethane
Concen: 18.349 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078941.D
Acq: 16 May 2024 11:20

Tgt Ion: 129 Resp: 26684
Ion Ratio Lower Upper
129 100
127 78.4 38.0 113.9

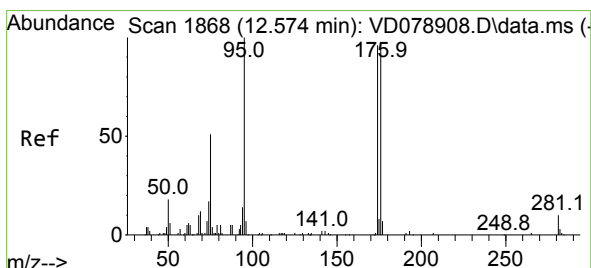
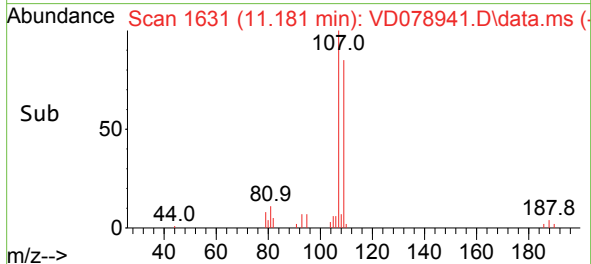
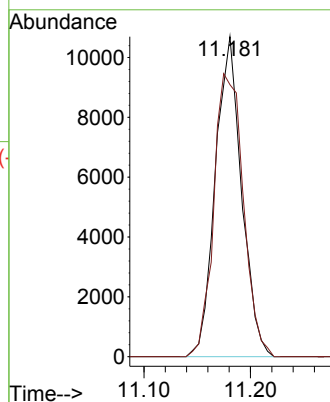
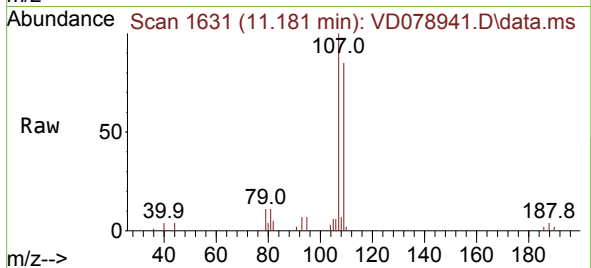




#61
1,2-Dibromoethane
Concen: 18.793 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD078941.D
Acq: 16 May 2024 11:20

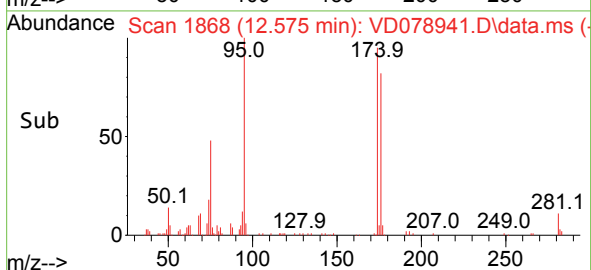
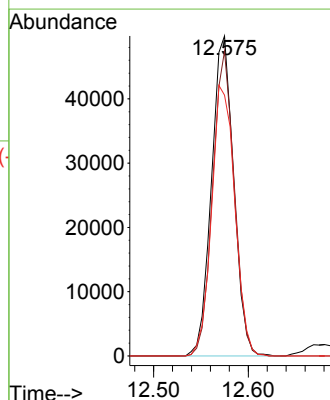
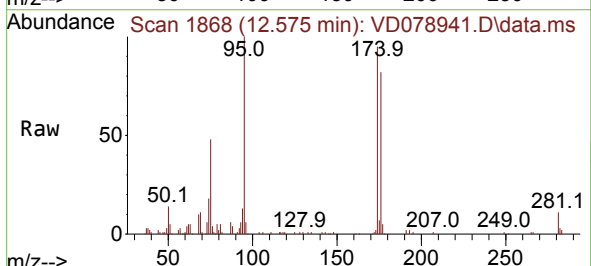
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBSD01

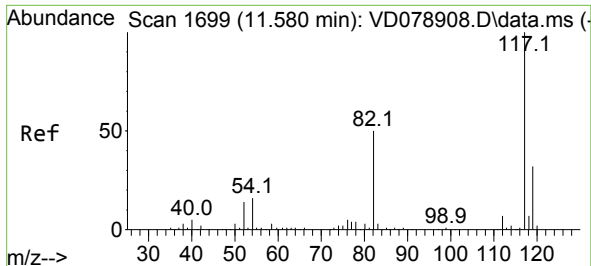
Tgt Ion:107 Resp: 18279
Ion Ratio Lower Upper
107 100
109 99.6 72.0 108.0



#62
4-Bromofluorobenzene
Concen: 54.174 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078941.D
Acq: 16 May 2024 11:20

Tgt Ion: 95 Resp: 80909
Ion Ratio Lower Upper
95 100
174 92.8 0.0 195.4
176 88.6 0.0 192.6

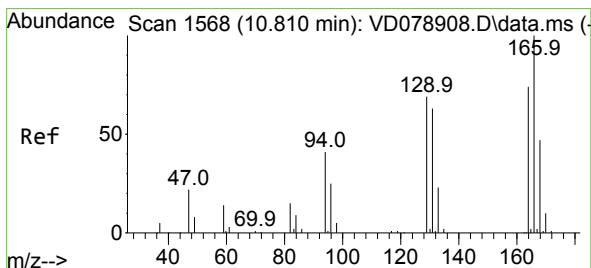
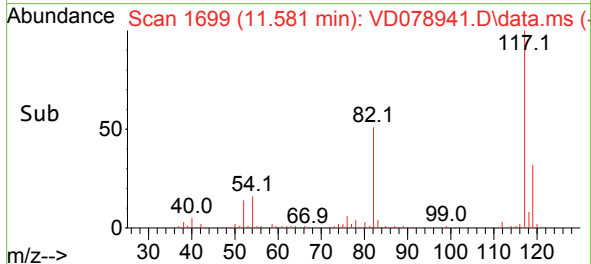
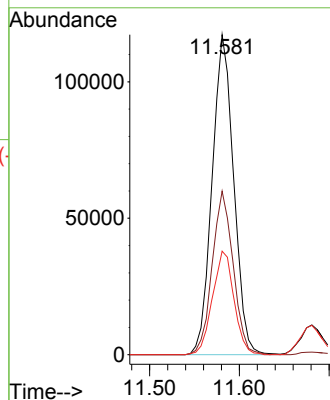
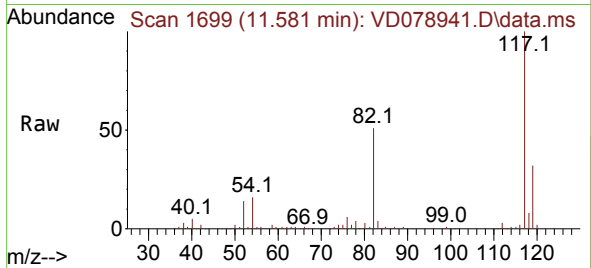




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VD078941.D
Acq: 16 May 2024 11:20

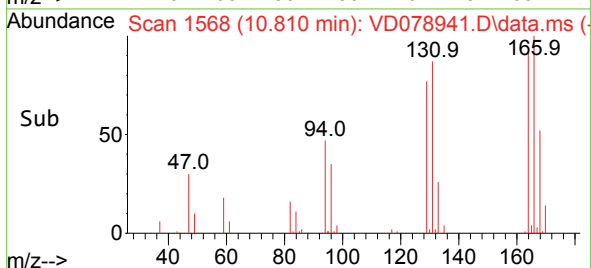
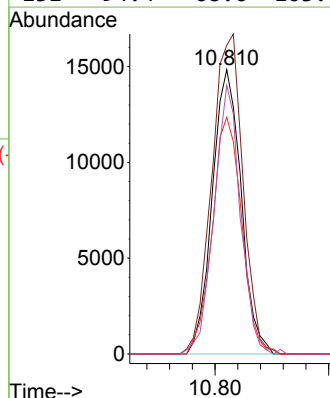
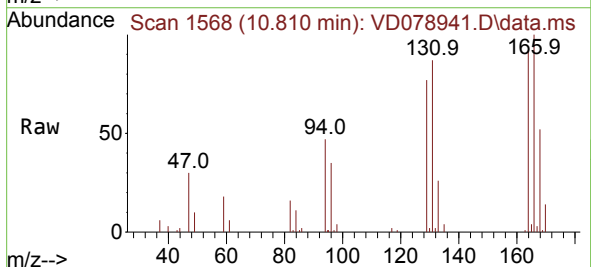
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBS01

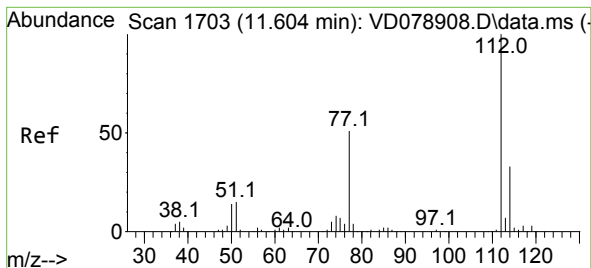
Tgt Ion:	117	Resp:	195711
Ion	Ratio	Lower	Upper
117	100		
82	51.1	39.8	59.6
119	32.4	25.7	38.5



#64
Tetrachloroethene
Concen: 21.098 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD078941.D
Acq: 16 May 2024 11:20

Tgt Ion:	164	Resp:	26197
Ion	Ratio	Lower	Upper
164	100		
166	108.5	108.6	163.0#
129	83.3	74.6	112.0
131	94.4	68.6	103.0





#65

Chlorobenzene

Concen: 19.769 ug/l

RT: 11.604 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078941.D

Acq: 16 May 2024 11:20

Instrument :

MSVOA_D

ClientSampleId :

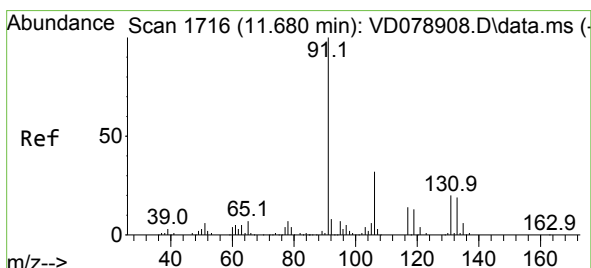
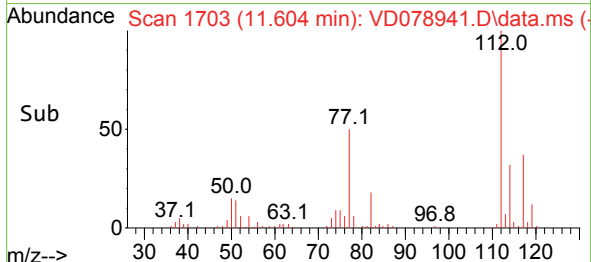
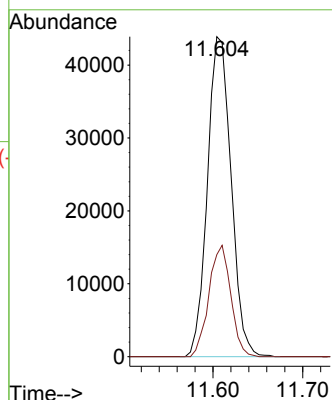
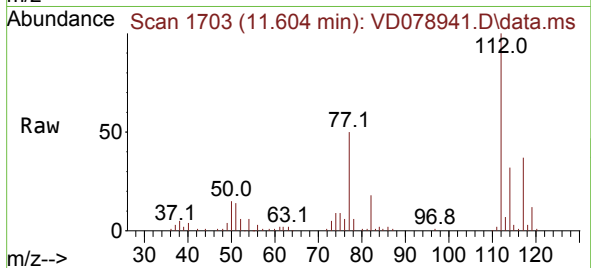
VD0516SBS01

Tgt Ion:112 Resp: 80478

Ion Ratio Lower Upper

112 100

114 31.9 26.0 39.0



#66

1,1,1,2-Tetrachloroethane

Concen: 19.405 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD078941.D

Acq: 16 May 2024 11:20

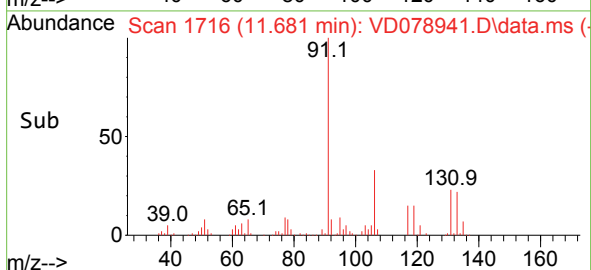
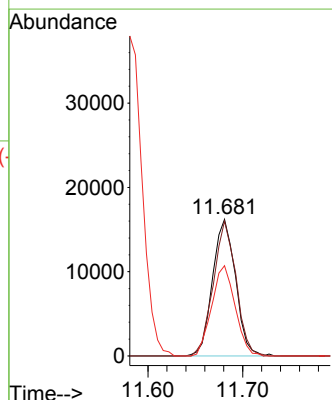
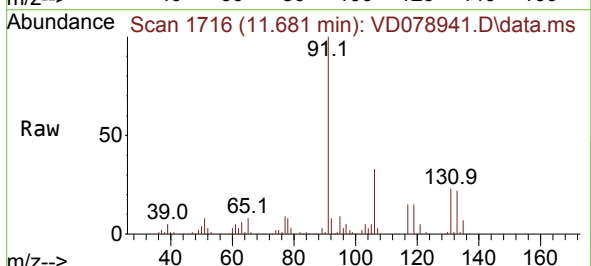
Tgt Ion:131 Resp: 27310

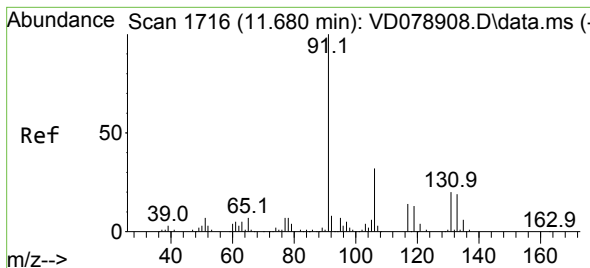
Ion Ratio Lower Upper

131 100

133 97.8 49.2 147.6

119 67.3 33.4 100.2





#67

Ethyl Benzene

Concen: 18.908 ug/l

RT: 11.687 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VD078941.D

Acq: 16 May 2024 11:20

Instrument :

MSVOA_D

ClientSampleId :

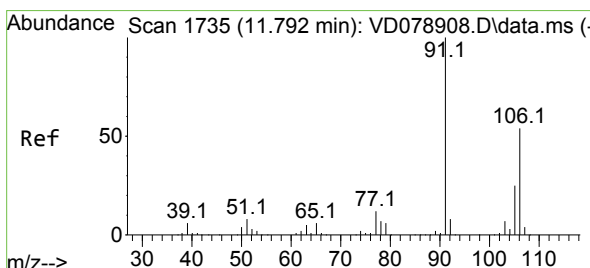
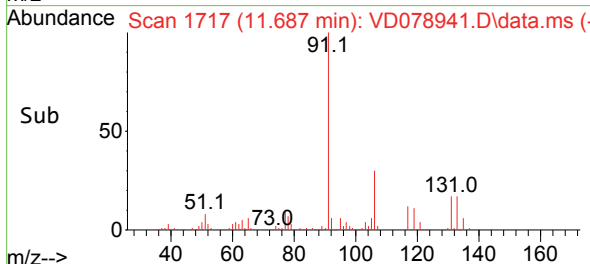
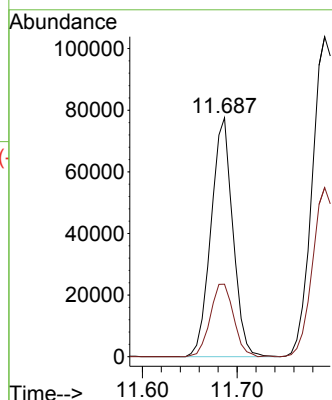
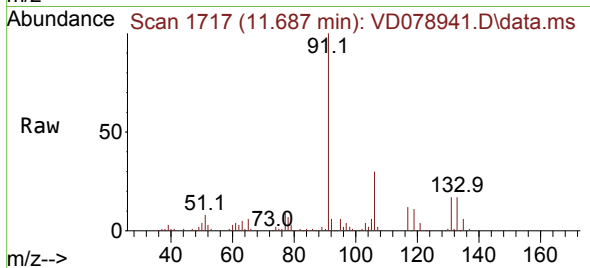
VD0516SBS01

Tgt Ion: 91 Resp: 123805

Ion Ratio Lower Upper

91 100

106 30.4 25.8 38.6



#68

m/p-Xylenes

Concen: 38.819 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD078941.D

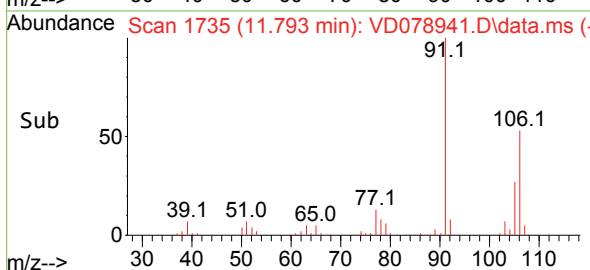
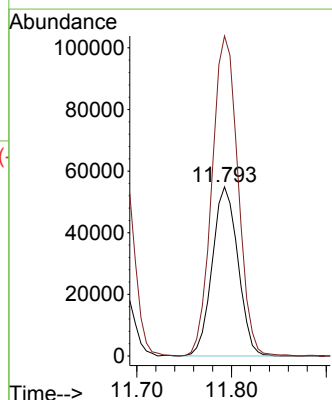
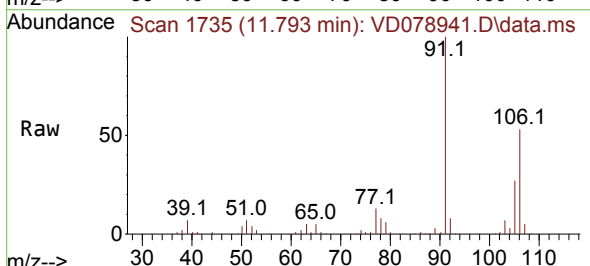
Acq: 16 May 2024 11:20

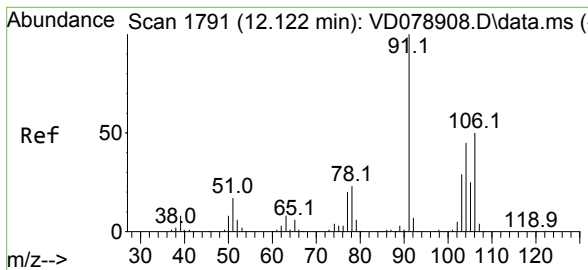
Tgt Ion: 106 Resp: 103341

Ion Ratio Lower Upper

106 100

91 192.1 148.5 222.7

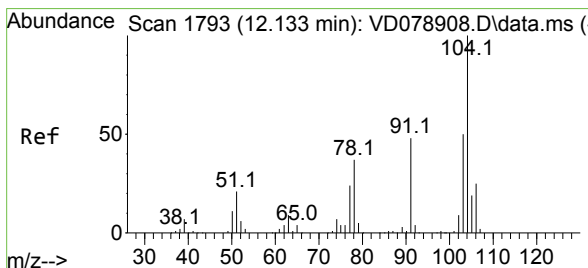
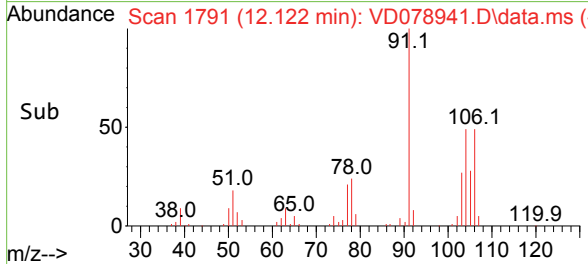
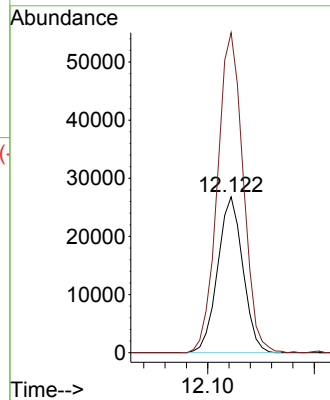
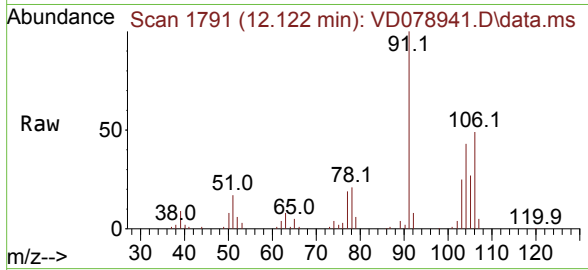




#69
o-Xylene
Concen: 18.112 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078941.D
Acq: 16 May 2024 11:20

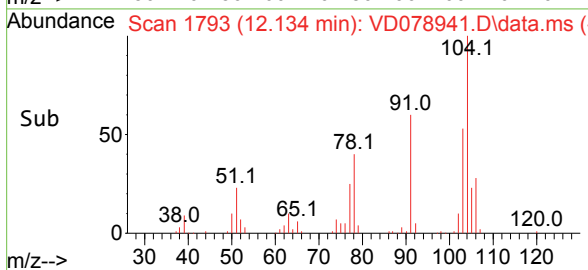
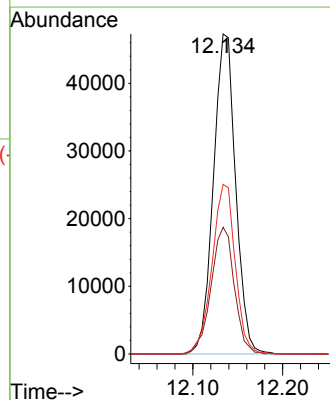
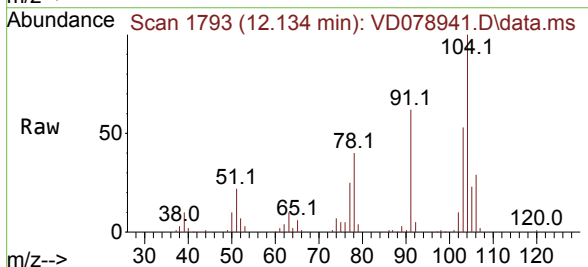
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBSD01

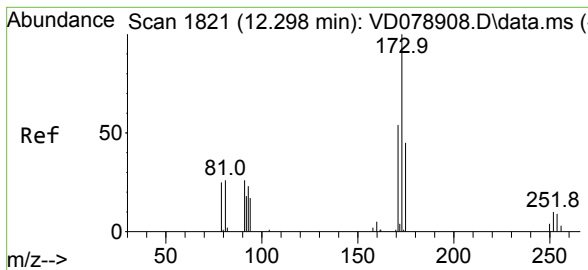
Tgt Ion:106 Resp: 43958
Ion Ratio Lower Upper
106 100
91 210.1 96.7 290.1



#70
Styrene
Concen: 18.918 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD078941.D
Acq: 16 May 2024 11:20

Tgt Ion:104 Resp: 81372
Ion Ratio Lower Upper
104 100
78 41.6 33.0 49.6
103 55.2 44.2 66.4

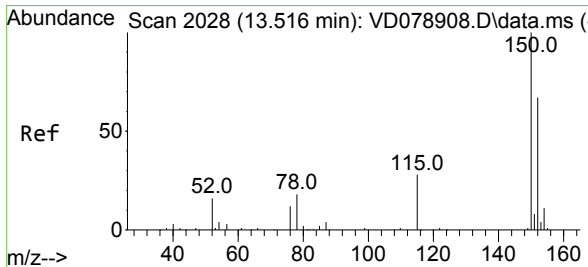
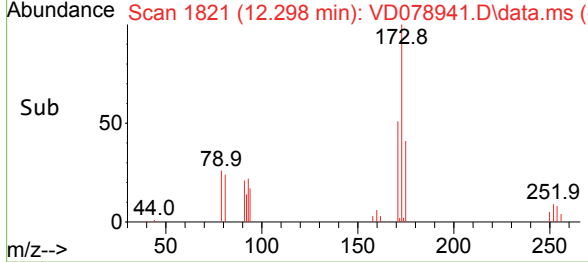
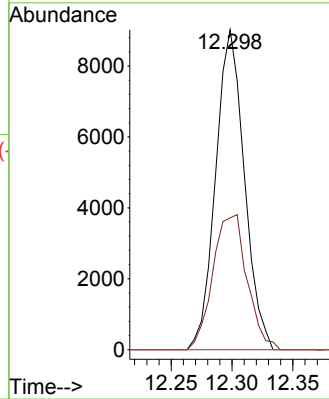
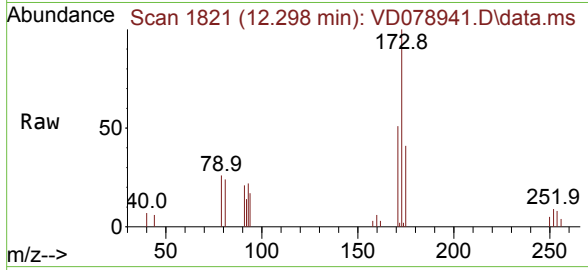




#71
Bromoform
Concen: 18.379 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD078941.D
Acq: 16 May 2024 11:20

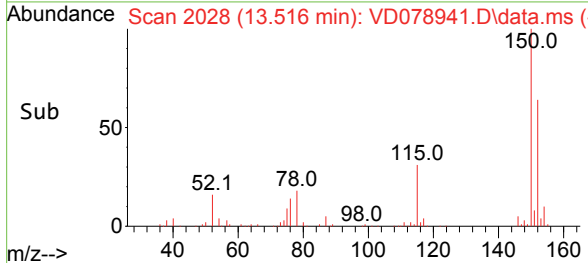
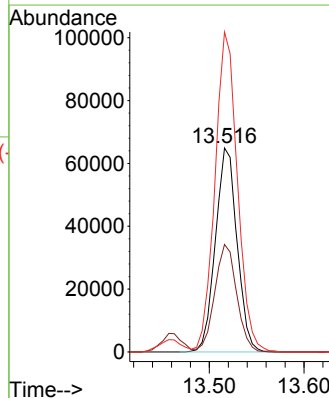
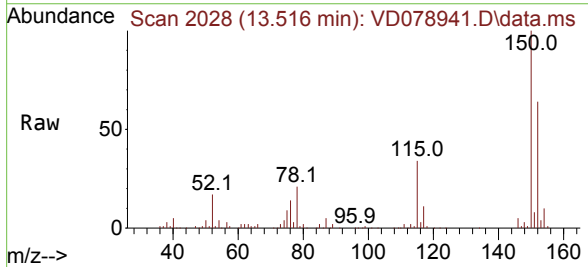
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBS01

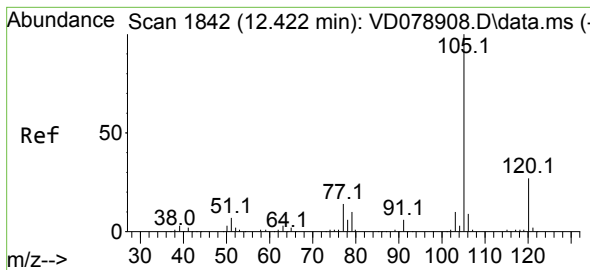
Tgt Ion:	173	Resp:	14817
Ion Ratio	Lower	Upper	
173	100		
175	50.2	23.7	71.1
254	0.0	0.0	0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD078941.D
Acq: 16 May 2024 11:20

Tgt Ion:	152	Resp:	103170
Ion Ratio	Lower	Upper	
152	100		
115	53.7	26.5	79.5
150	163.0	0.0	341.6





#73

Isopropylbenzene

Concen: 19.158 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD078941.D

Acq: 16 May 2024 11:20

Instrument :

MSVOA_D

ClientSampleId :

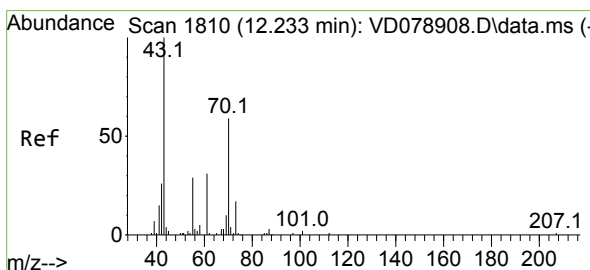
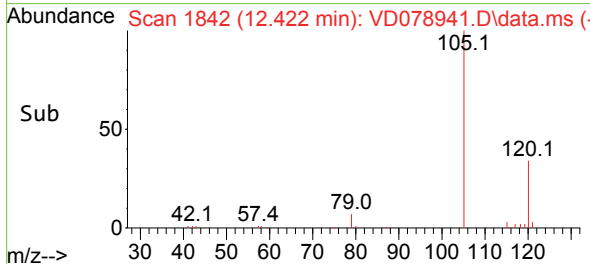
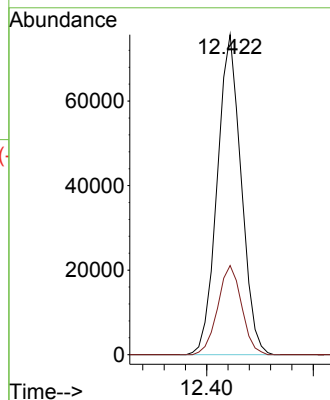
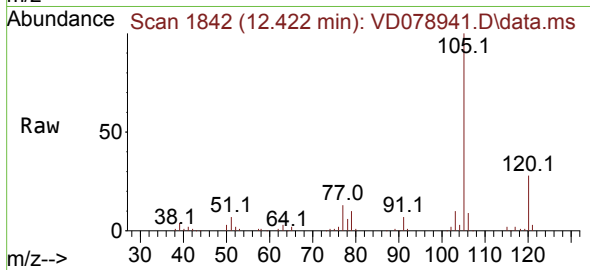
VD0516SBSD01

Tgt Ion:105 Resp: 117969

Ion Ratio Lower Upper

105 100

120 27.7 13.6 40.7



#74

N-ethyl acetate

Concen: 18.795 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VD078941.D

Acq: 16 May 2024 11:20

Tgt Ion: 43 Resp: 18779

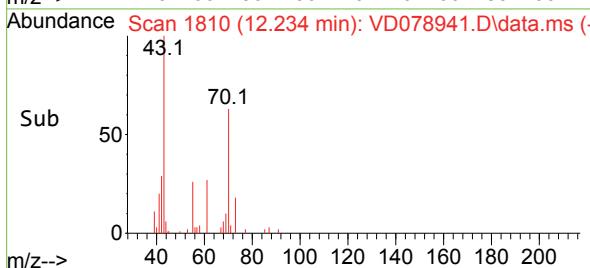
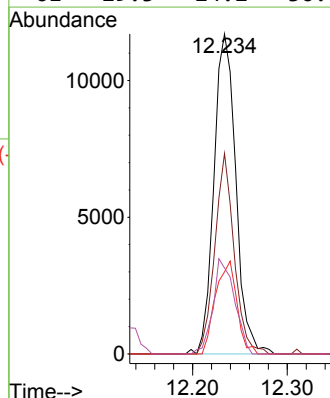
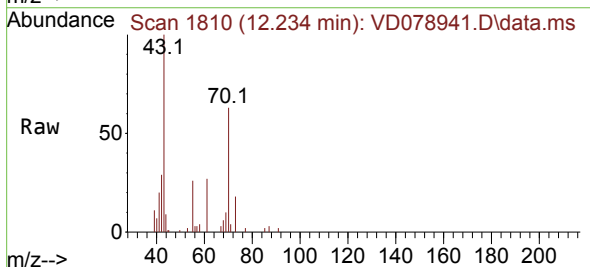
Ion Ratio Lower Upper

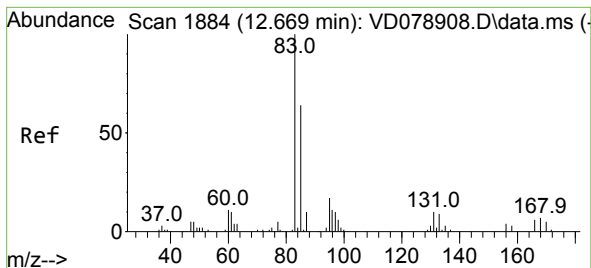
43 100

70 55.5 44.3 66.5

55 28.4 23.2 34.8

61 29.3 24.2 36.4





#75

1,1,2,2-Tetrachloroethane

Concen: 20.182 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. 0.006 min

Lab File: VD078941.D

Acq: 16 May 2024 11:20

Instrument :

MSVOA_D

ClientSampleId :

VD0516SBS01

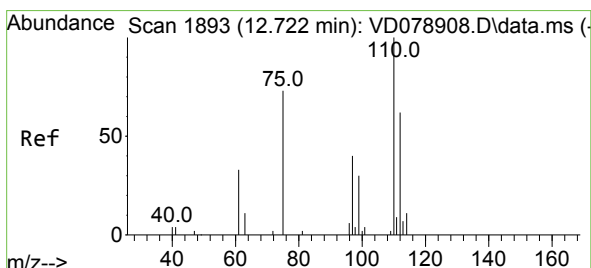
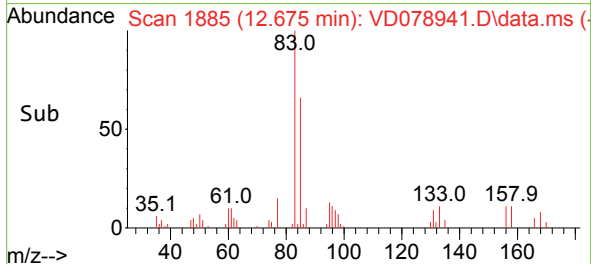
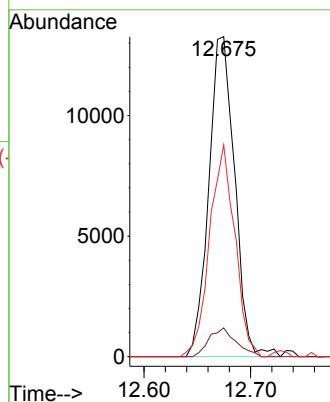
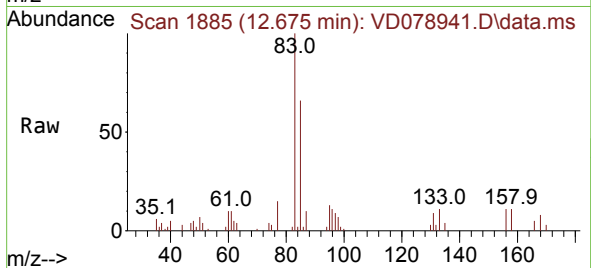
Tgt Ion: 83 Resp: 22417

Ion Ratio Lower Upper

83 100

131 9.4 5.5 16.5

85 64.5 33.8 101.3



#76

1,2,3-Trichloropropane

Concen: 36.510 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VD078941.D

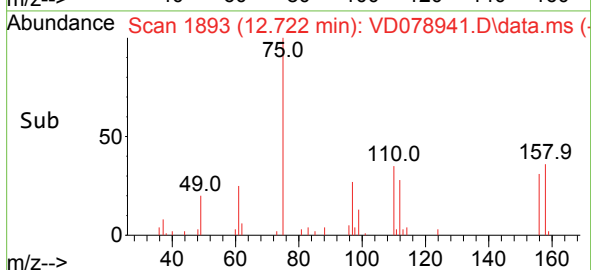
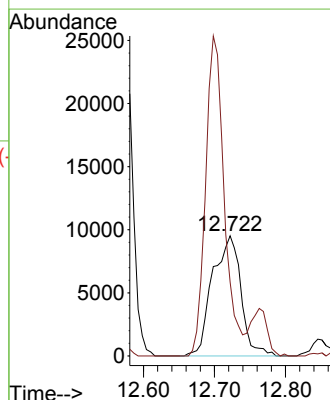
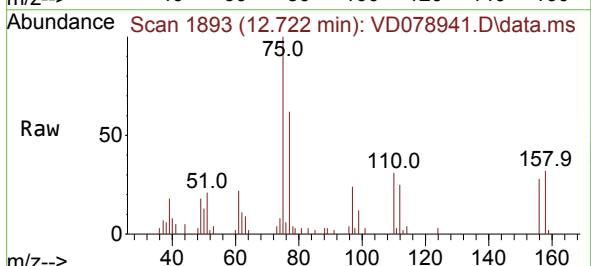
Acq: 16 May 2024 11:20

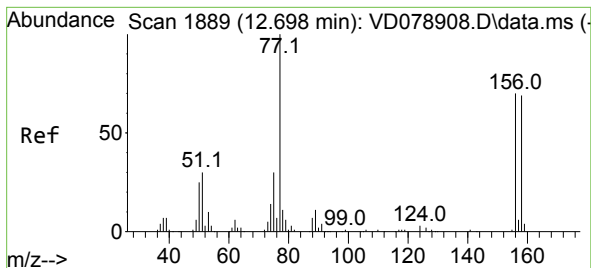
Tgt Ion: 75 Resp: 26518

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.285 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. 0.000 min

Lab File: VD078941.D

Acq: 16 May 2024 11:20

Instrument :

MSVOA_D

ClientSampleId :

VD0516SBSD01

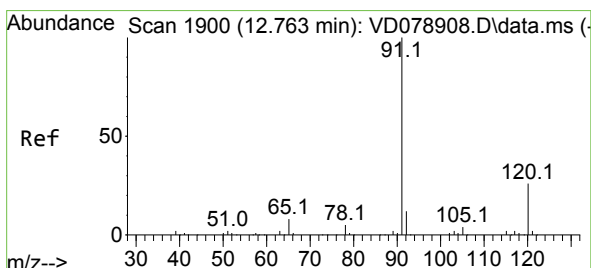
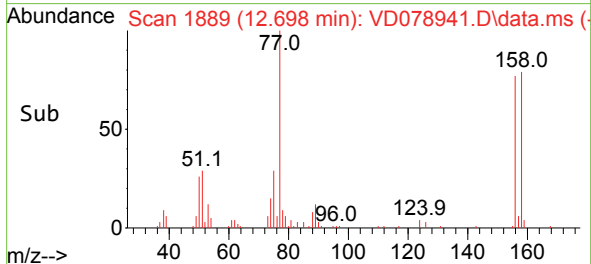
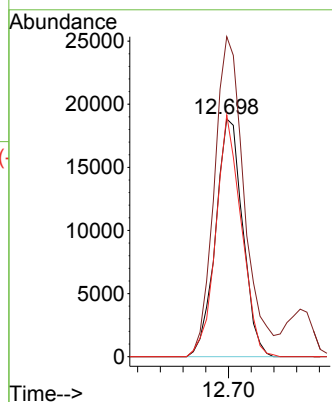
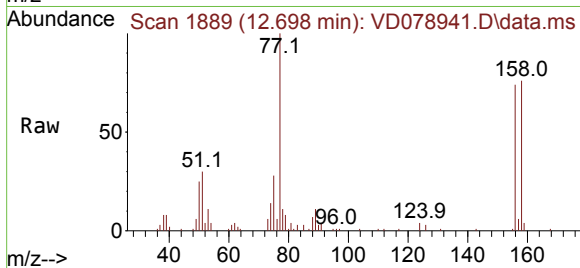
Tgt Ion:156 Resp: 31228

Ion Ratio Lower Upper

156 100

77 148.2 77.3 231.9

158 95.5 49.6 149.0



#78

n-propylbenzene

Concen: 20.172 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD078941.D

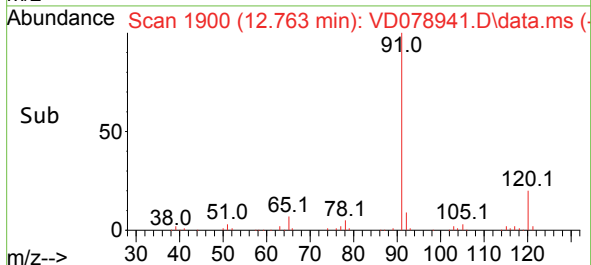
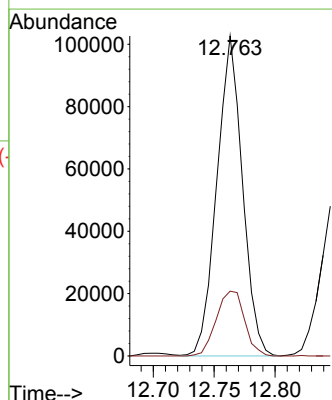
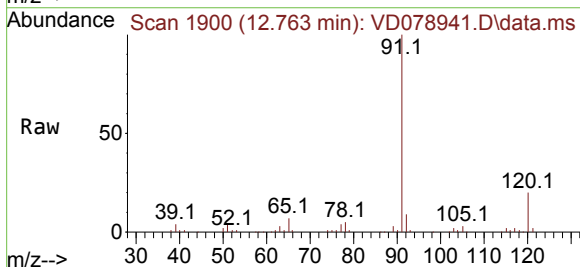
Acq: 16 May 2024 11:20

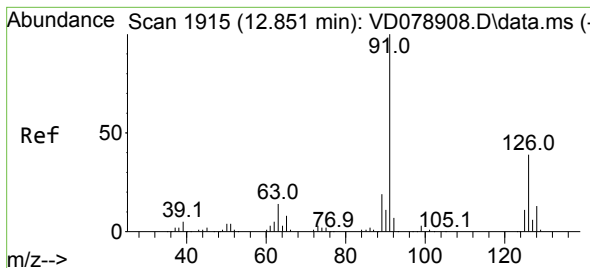
Tgt Ion: 91 Resp: 150131

Ion Ratio Lower Upper

91 100

120 22.4 12.3 36.8





#79

2-Chlorotoluene

Concen: 19.722 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VD078941.D

Acq: 16 May 2024 11:20

Instrument :

MSVOA_D

ClientSampleId :

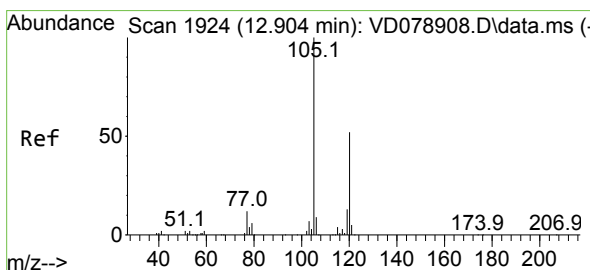
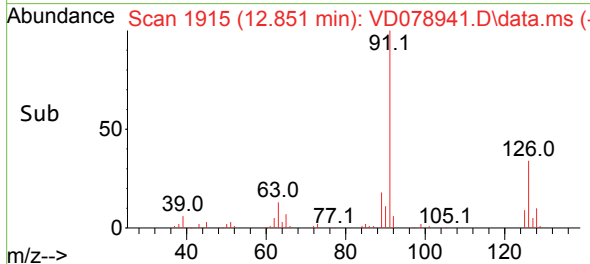
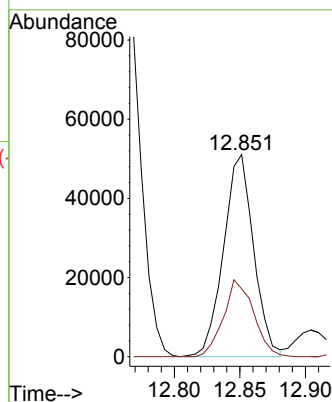
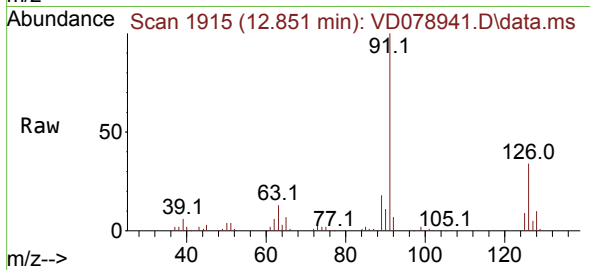
VD0516SBS01

Tgt Ion: 91 Resp: 81583

Ion Ratio Lower Upper

91 100

126 38.1 19.3 57.8



#80

1,3,5-Trimethylbenzene

Concen: 19.540 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD078941.D

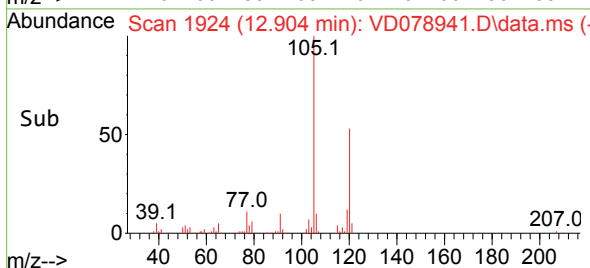
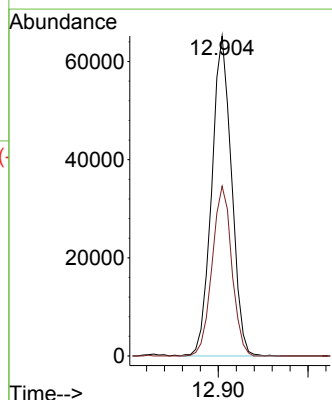
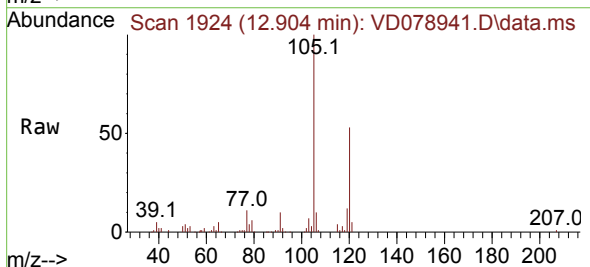
Acq: 16 May 2024 11:20

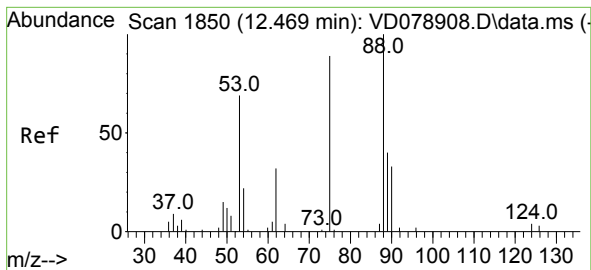
Tgt Ion: 105 Resp: 99965

Ion Ratio Lower Upper

105 100

120 52.6 25.7 77.1

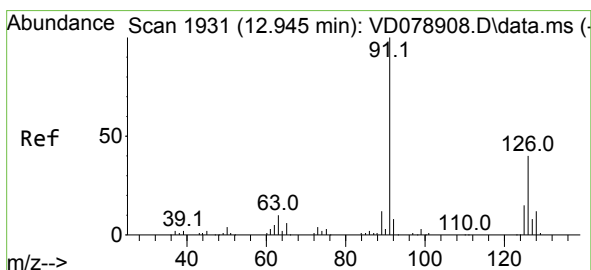
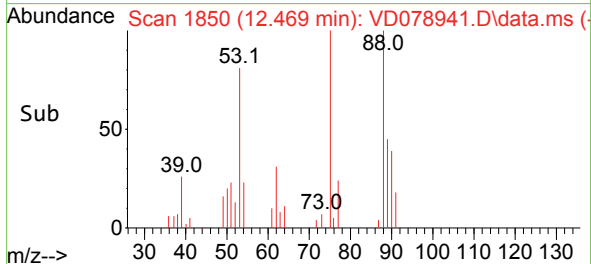
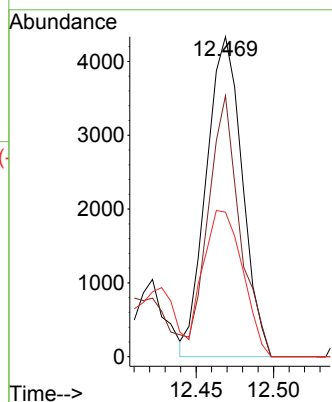
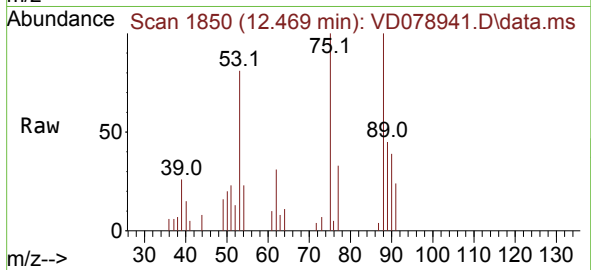




#81
trans-1,4-Dichloro-2-butene
Concen: 19.065 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078941.D
Acq: 16 May 2024 11:20

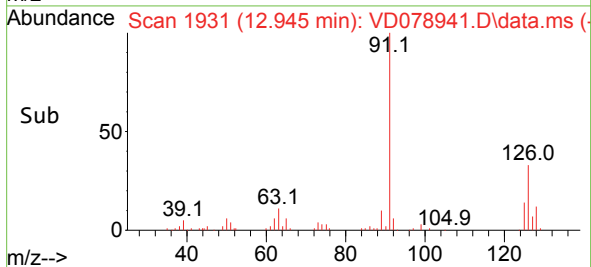
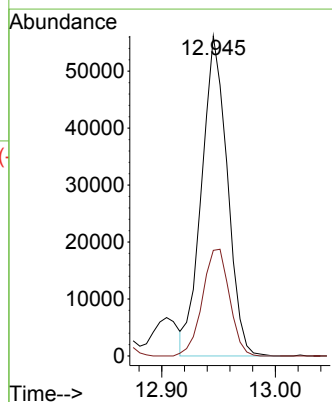
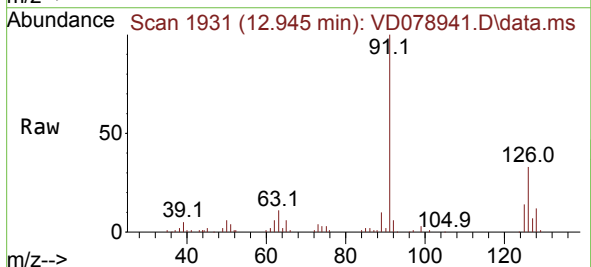
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBS01

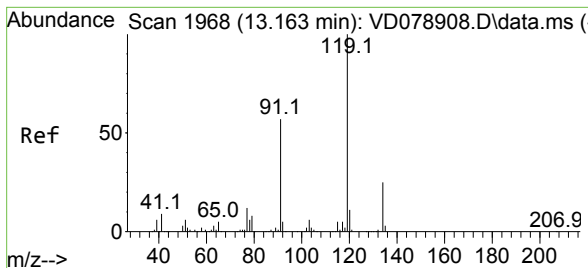
Tgt Ion: 75 Resp: 6983
Ion Ratio Lower Upper
75 100
53 71.1 61.4 92.2
89 50.1 35.4 53.0



#82
4-Chlorotoluene
Concen: 20.311 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078941.D
Acq: 16 May 2024 11:20

Tgt Ion: 91 Resp: 88144
Ion Ratio Lower Upper
91 100
126 35.2 18.9 56.9

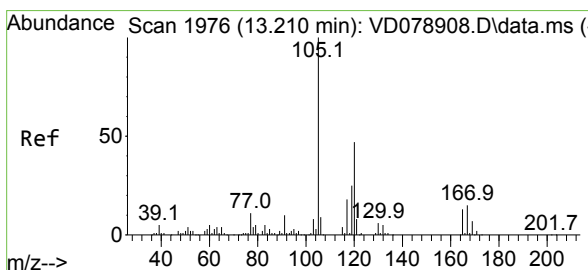
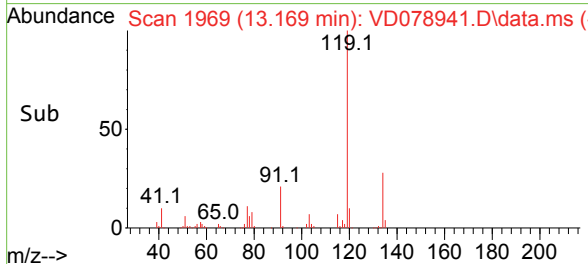
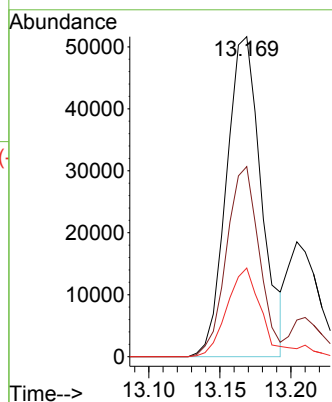
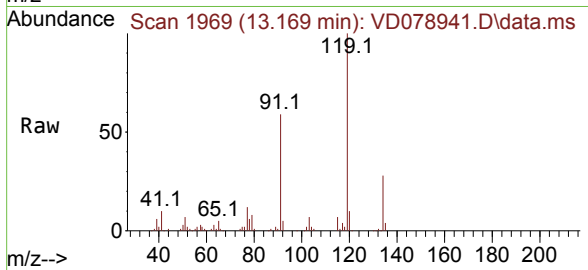




#83
tert-Butylbenzene
Concen: 19.527 ug/l
RT: 13.169 min Scan# 1968
Delta R.T. 0.006 min
Lab File: VD078941.D
Acq: 16 May 2024 11:20

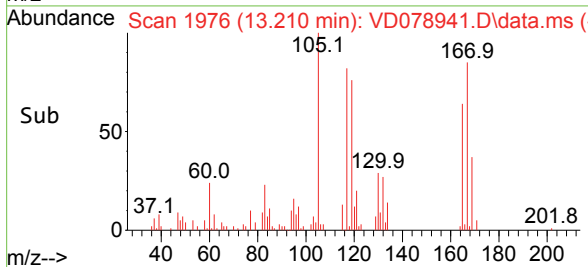
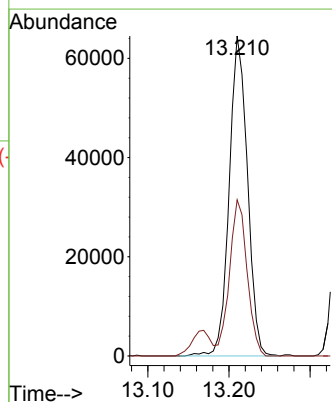
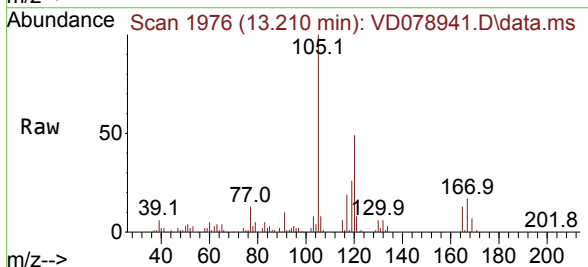
Instrument :
MSVOA_D
ClientSampleId :
VD0516SBSD01

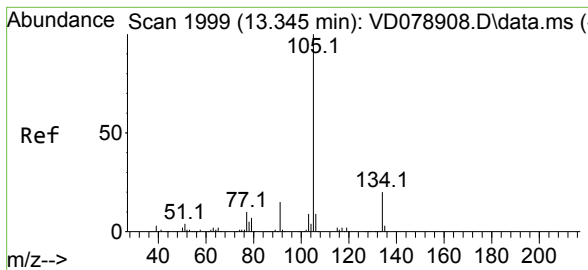
Tgt Ion:119 Resp: 88350
Ion Ratio Lower Upper
119 100
91 55.9 28.2 84.7
134 28.8 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 18.960 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD078941.D
Acq: 16 May 2024 11:20

Tgt Ion:105 Resp: 100475
Ion Ratio Lower Upper
105 100
120 47.5 23.6 71.0

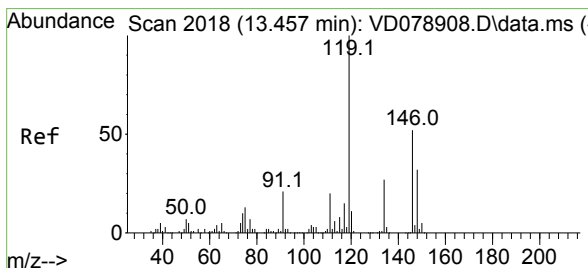
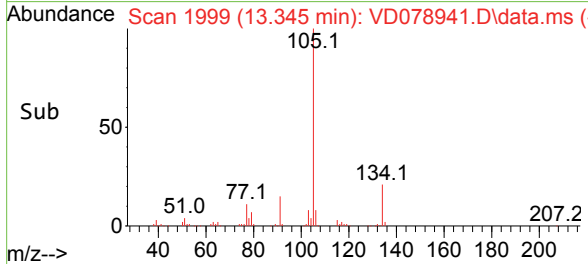
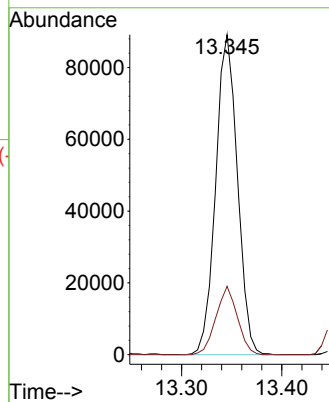
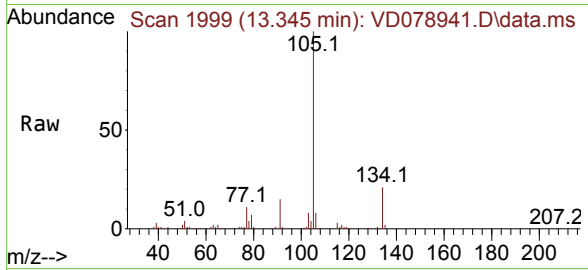




#85
 sec-Butylbenzene
 Concen: 19.851 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD078941.D
 Acq: 16 May 2024 11:20

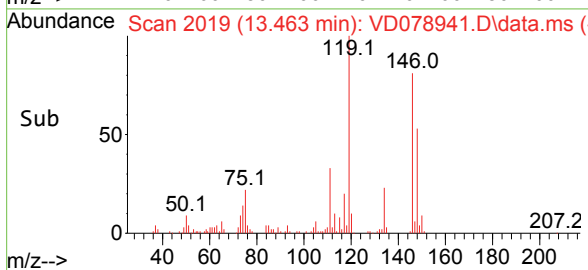
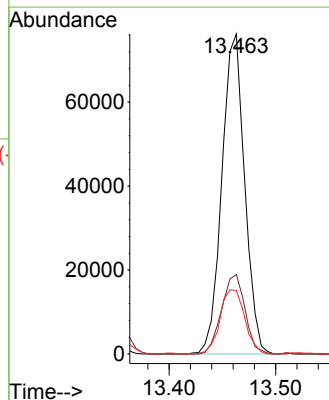
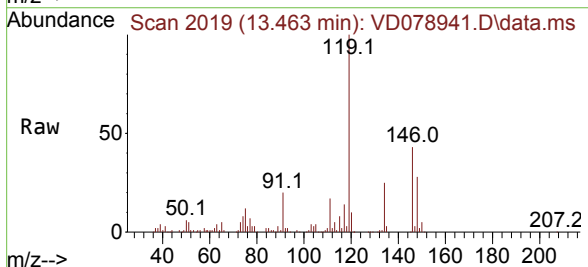
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0516SBSD01

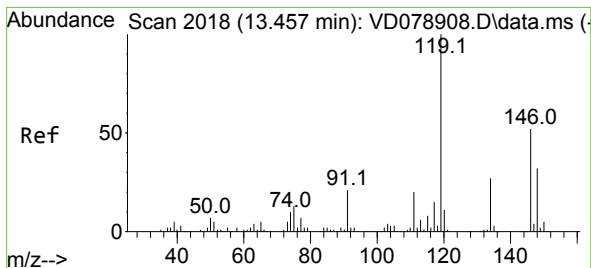
Tgt Ion:105 Resp: 133975
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 19.196 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.006 min
 Lab File: VD078941.D
 Acq: 16 May 2024 11:20

Tgt Ion:119 Resp: 112876
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.7 41.1
 91 21.8 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 18.898 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD078941.D

Acq: 16 May 2024 11:20

Instrument :

MSVOA_D

ClientSampleId :

VD0516SBS01

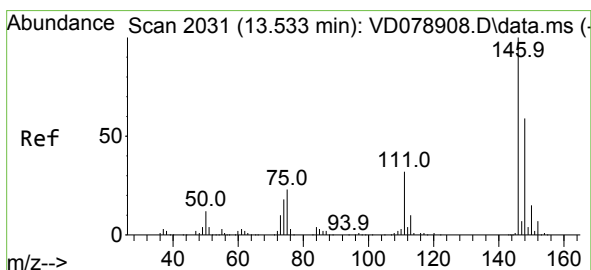
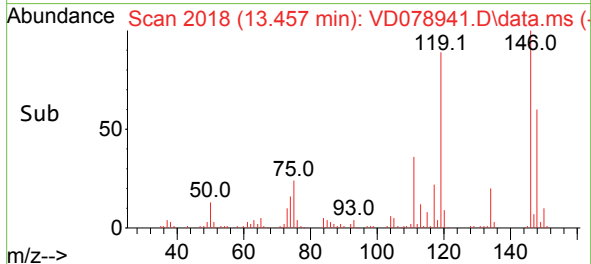
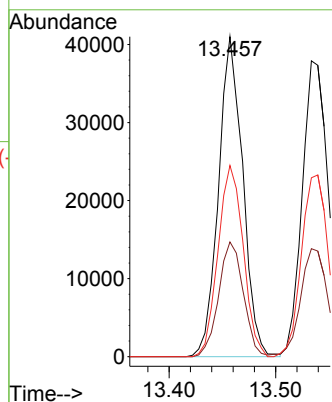
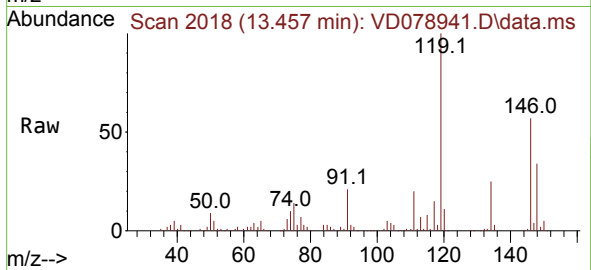
Tgt Ion:146 Resp: 64756

Ion Ratio Lower Upper

146 100

111 36.5 18.5 55.5

148 62.0 30.9 92.8



#88

1,4-Dichlorobenzene

Concen: 19.038 ug/l

RT: 13.534 min Scan# 2031

Delta R.T. 0.000 min

Lab File: VD078941.D

Acq: 16 May 2024 11:20

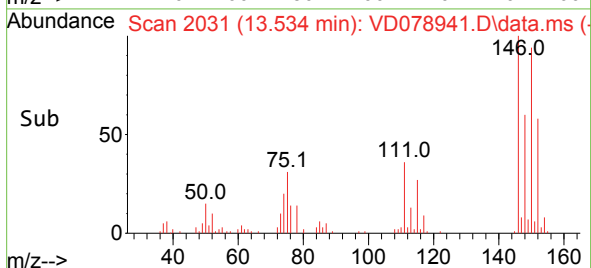
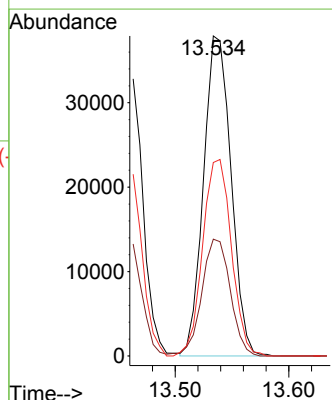
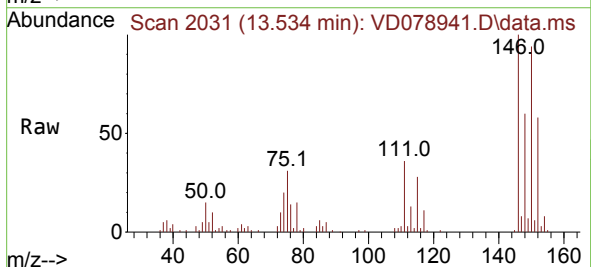
Tgt Ion:146 Resp: 63888

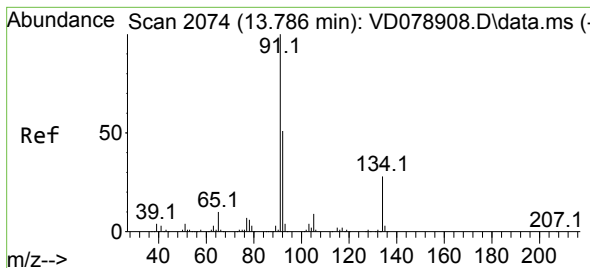
Ion Ratio Lower Upper

146 100

111 37.8 17.5 52.6

148 64.1 31.4 94.2





#89

n-Butylbenzene

Concen: 19.796 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD078941.D

Acq: 16 May 2024 11:20

Instrument :

MSVOA_D

ClientSampleId :

VD0516SBSD01

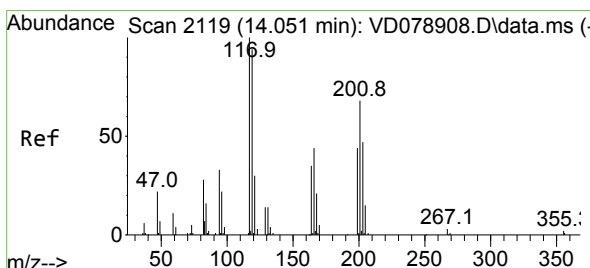
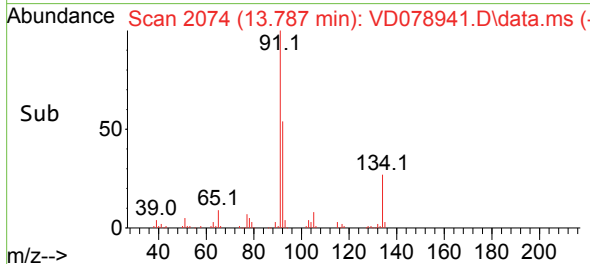
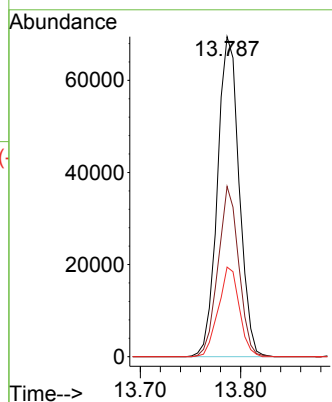
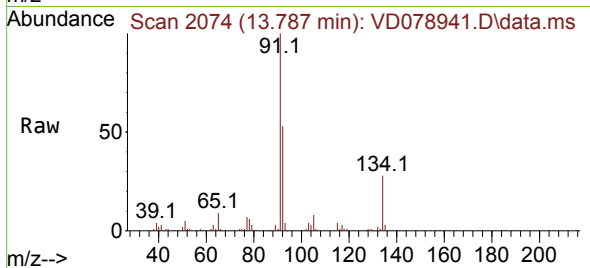
Tgt Ion: 91 Resp: 104306

Ion Ratio Lower Upper

91 100

92 50.6 25.7 77.0

134 27.1 13.6 40.8



#90

Hexachloroethane

Concen: 19.729 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. 0.000 min

Lab File: VD078941.D

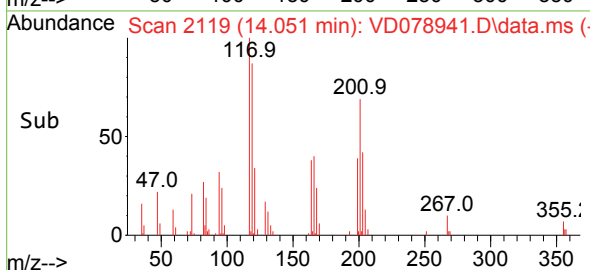
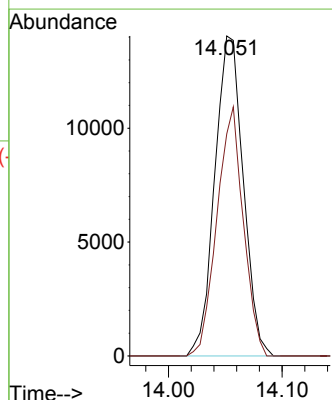
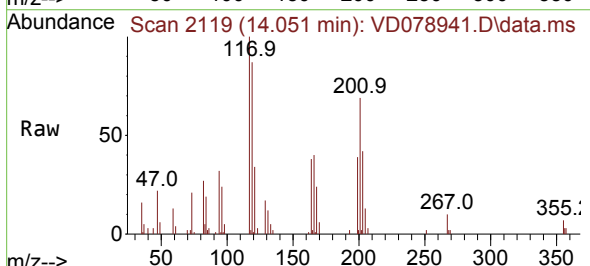
Acq: 16 May 2024 11:20

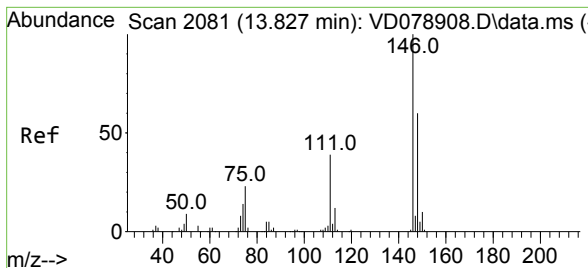
Tgt Ion: 117 Resp: 24471

Ion Ratio Lower Upper

117 100

201 72.1 36.3 108.9





#91

1,2-Dichlorobenzene

Concen: 18.895 ug/l

RT: 13.834 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VD078941.D

Acq: 16 May 2024 11:20

Instrument :

MSVOA_D

ClientSampleId :

VD0516SBS01

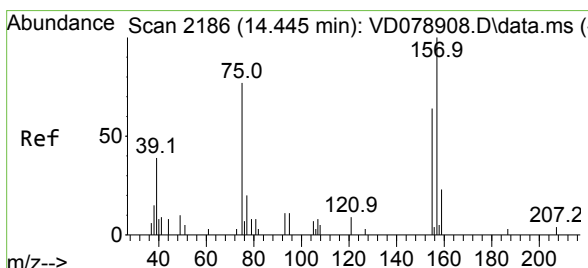
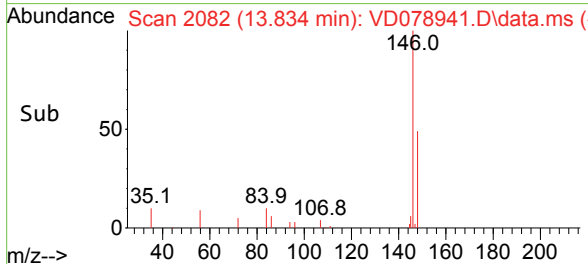
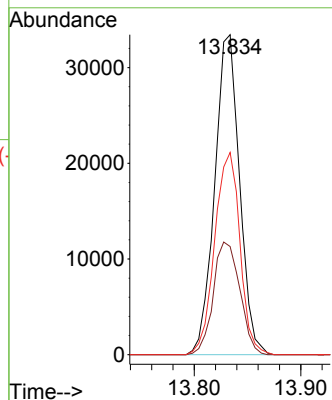
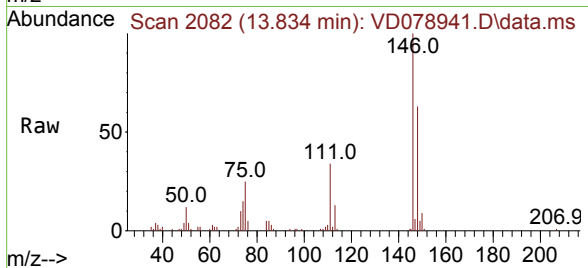
Tgt Ion:146 Resp: 54174

Ion Ratio Lower Upper

146 100

111 37.6 19.1 57.1

148 64.2 31.1 93.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.299 ug/l

RT: 14.451 min Scan# 2187

Delta R.T. 0.006 min

Lab File: VD078941.D

Acq: 16 May 2024 11:20

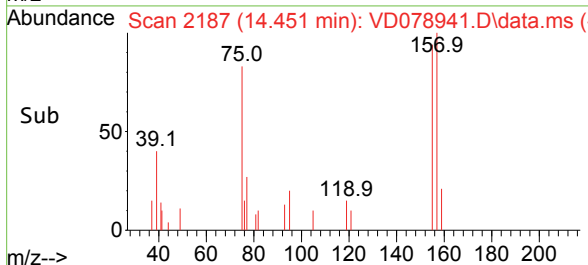
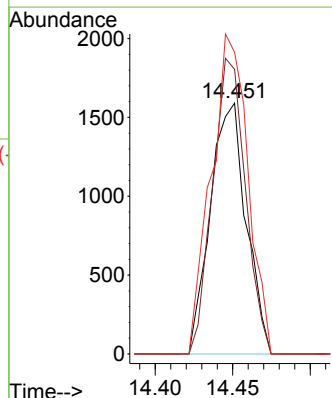
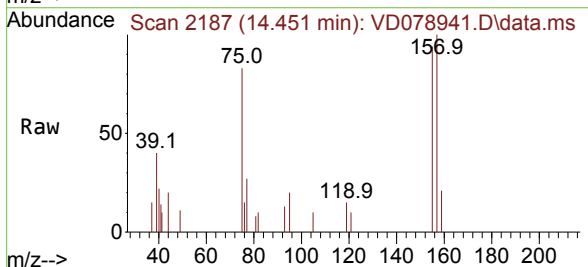
Tgt Ion: 75 Resp: 2558

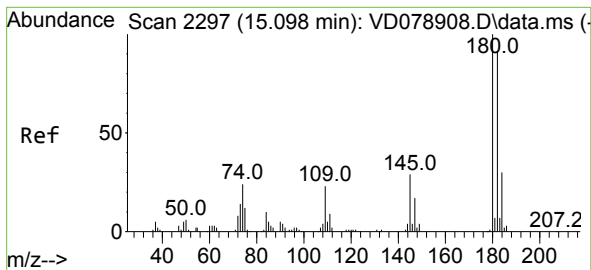
Ion Ratio Lower Upper

75 100

155 108.1 47.7 143.1

157 130.8 63.4 190.2





#93

1,2,4-Trichlorobenzene

Concen: 18.861 ug/l

RT: 15.098 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD078941.D

Acq: 16 May 2024 11:20

Instrument :

MSVOA_D

ClientSampleId :

VD0516SBS01

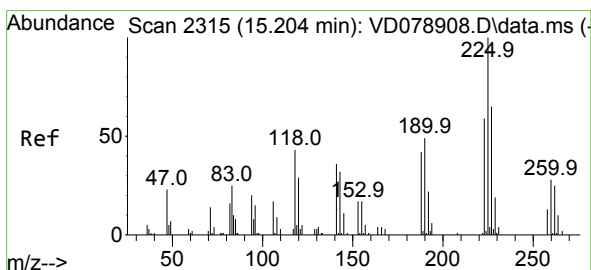
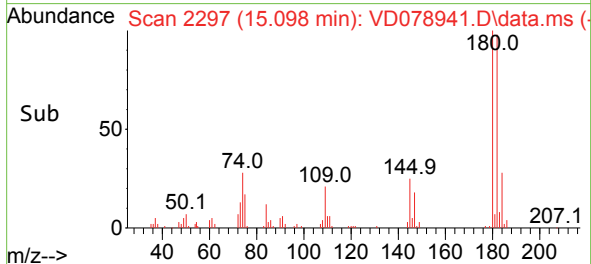
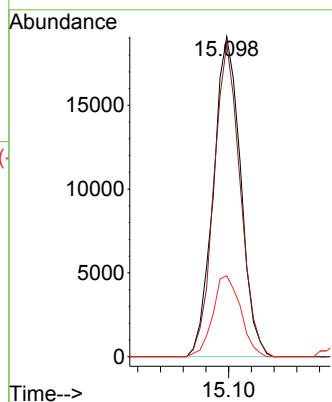
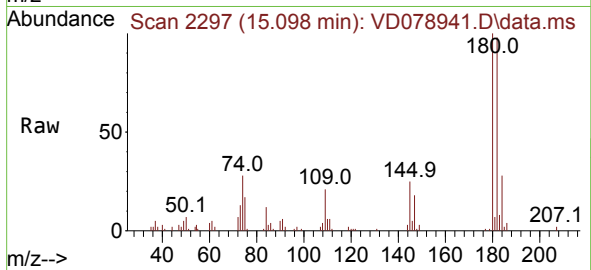
Tgt Ion:180 Resp: 31751

Ion Ratio Lower Upper

180 100

182 94.9 46.9 140.7

145 25.8 14.0 41.9



#94

Hexachlorobutadiene

Concen: 19.576 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD078941.D

Acq: 16 May 2024 11:20

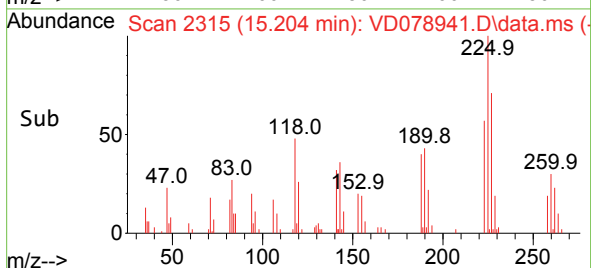
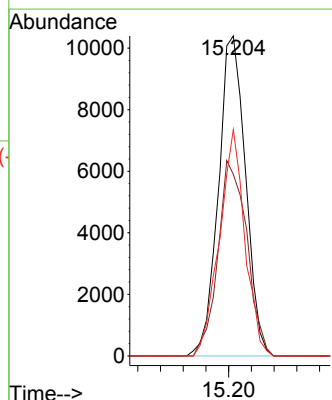
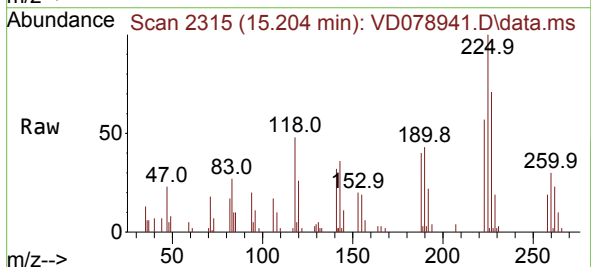
Tgt Ion:225 Resp: 17222

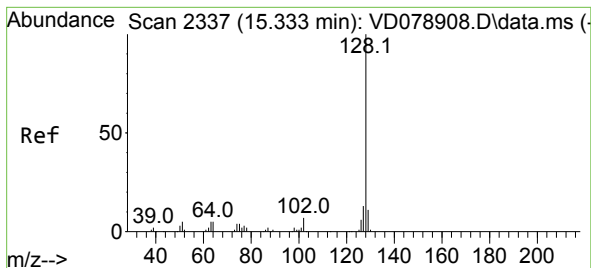
Ion Ratio Lower Upper

225 100

223 65.2 33.3 99.9

227 66.2 33.6 100.6





#95

Naphthalene

Concen: 18.089 ug/l

RT: 15.328 min Scan# 2336

Delta R.T. -0.005 min

Lab File: VD078941.D

Acq: 16 May 2024 11:20

Instrument :

MSVOA_D

ClientSampleId :

VD0516SBS01

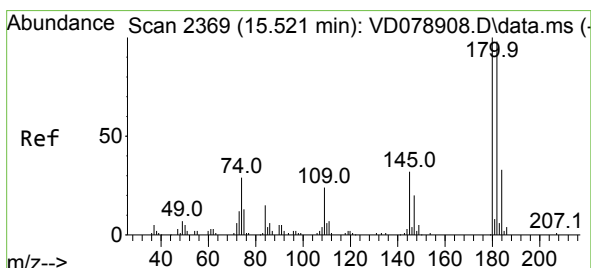
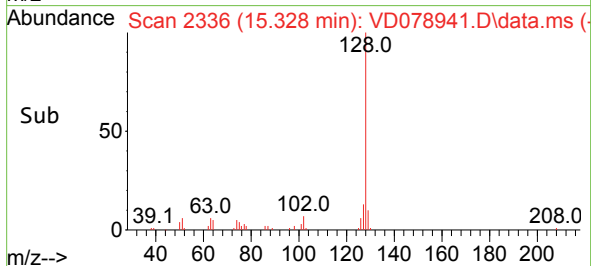
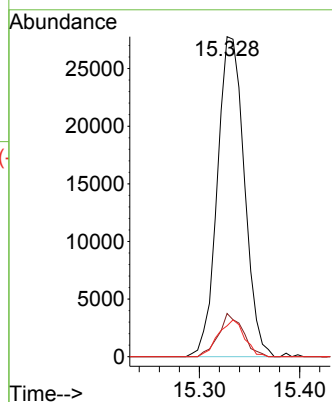
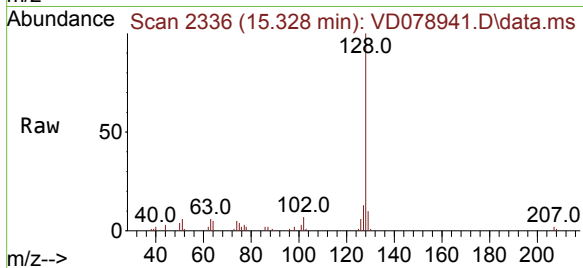
Tgt Ion:128 Resp: 51870

Ion Ratio Lower Upper

128 100

127 13.5 10.2 15.4

129 9.6 8.5 12.7



#96

1,2,3-Trichlorobenzene

Concen: 18.615 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. 0.000 min

Lab File: VD078941.D

Acq: 16 May 2024 11:20

Tgt Ion:180 Resp: 27876

Ion Ratio Lower Upper

180 100

182 96.4 47.8 143.3

145 30.7 16.1 48.2

