

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031524\
 Data File : VD078681.D
 Acq On : 15 Mar 2024 11:50
 Operator : RP/MD
 Sample : VD0315SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0315SBS01

Quant Time: Mar 16 05:24:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 05:38:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	118666	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	205217	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	193567	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	99058	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	56599	50.894	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.780%	
35) Dibromofluoromethane	7.810	113	66378	50.237	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.480%	
50) Toluene-d8	10.269	98	240046	49.399	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.800%	
62) 4-Bromofluorobenzene	12.575	95	70310	49.458	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 98.920%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	24097	21.818	ug/l	98
3) Chloromethane	2.152	50	40136	23.016	ug/l	95
4) Vinyl Chloride	2.287	62	61196	23.789	ug/l	94
5) Bromomethane	2.687	94	57807	23.470	ug/l	100
6) Chloroethane	2.840	64	46930	23.393	ug/l	99
7) Trichlorofluoromethane	3.175	101	45464	22.340	ug/l	95
8) Diethyl Ether	3.599	74	12397	20.864	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.969	101	28645	22.428	ug/l	99
10) Methyl Iodide	4.169	142	34391	22.763	ug/l	100
11) Tert butyl alcohol	5.057	59	5992	120.396	ug/l #	88
12) 1,1-Dichloroethene	3.946	96	27046	22.276	ug/l	91
13) Acrolein	3.805	56	8107	103.986	ug/l	93
14) Allyl chloride	4.557	41	28473	21.017	ug/l	94
15) Acrylonitrile	5.257	53	28340	118.314	ug/l	96
16) Acetone	4.022	43	25308	117.685	ug/l #	87
17) Carbon Disulfide	4.269	76	89120	22.390	ug/l	97
18) Methyl Acetate	4.563	43	10504	22.760	ug/l	99
19) Methyl tert-butyl Ether	5.316	73	54919	22.429	ug/l	97
20) Methylene Chloride	4.805	84	38729	23.870	ug/l #	86
21) trans-1,2-Dichloroethene	5.310	96	32458	22.656	ug/l	88
22) Diisopropyl ether	6.222	45	71300	23.148	ug/l #	92
23) Vinyl Acetate	6.157	43	211767	117.536	ug/l	98
24) 1,1-Dichloroethane	6.116	63	51968	22.504	ug/l	98
25) 2-Butanone	7.087	43	33362	116.687	ug/l #	80
26) 2,2-Dichloropropane	7.081	77	43592	22.311	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	36314	22.223	ug/l	98
28) Bromochloromethane	7.422	49	17878	21.715	ug/l	99
29) Tetrahydrofuran	7.451	42	18553	119.306	ug/l	97
30) Chloroform	7.598	83	57275	22.244	ug/l	92
31) Cyclohexane	7.881	56	38238	20.457	ug/l #	92
32) 1,1,1-Trichloroethane	7.793	97	49086	22.469	ug/l	98
36) 1,1-Dichloropropene	8.004	75	41053	21.414	ug/l	99
37) Ethyl Acetate	7.163	43	12983	20.730	ug/l	95
38) Carbon Tetrachloride	7.998	117	42968	21.260	ug/l	92
39) Methylcyclohexane	9.275	83	46097	20.728	ug/l	93
40) Benzene	8.251	78	123887	21.378	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	6056	18.452	ug/l #	76
42) 1,2-Dichloroethane	8.328	62	31636	22.385	ug/l	97
43) Isopropyl Acetate	8.363	43	25012	21.960	ug/l #	87
44) Trichloroethene	9.034	130	33704	21.431	ug/l	84
45) 1,2-Dichloropropane	9.304	63	30050	21.859	ug/l	94
46) Dibromomethane	9.392	93	17502	21.238	ug/l	95
47) Bromodichloromethane	9.587	83	43339	22.092	ug/l	94
48) Methyl methacrylate	9.381	41	11283	20.331	ug/l #	90
49) 1,4-Dioxane	9.381	88	3106	407.073	ug/l #	92
51) 4-Methyl-2-Pentanone	10.157	43	69455	116.643	ug/l	97
52) Toluene	10.334	92	82629	22.147	ug/l	100
53) t-1,3-Dichloropropene	10.551	75	40243	22.436	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	48003	22.262	ug/l	98
55) 1,1,2-Trichloroethane	10.734	97	25016	22.669	ug/l	96
56) Ethyl methacrylate	10.598	69	25150	22.734	ug/l	97
57) 1,3-Dichloropropane	10.881	76	39542	22.206	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.869	63	53105	108.866	ug/l	97
59) 2-Hexanone	10.922	43	51416	116.481	ug/l	98
60) Dibromochloromethane	11.075	129	29969	22.021	ug/l	99
61) 1,2-Dibromoethane	11.181	107	22669	21.226	ug/l	97
64) Tetrachloroethene	10.810	164	27907	21.786	ug/l	98
65) Chlorobenzene	11.610	112	86239	21.320	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	32335	21.828	ug/l	98
67) Ethyl Benzene	11.681	91	142282	20.642	ug/l	98
68) m/p-Xylenes	11.792	106	117828	42.097	ug/l	100
69) o-Xylene	12.122	106	52889	20.423	ug/l	98
70) Styrene	12.134	104	94888	21.830	ug/l	99
71) Bromoform	12.298	173	17762	22.187	ug/l #	92
73) Isopropylbenzene	12.422	105	137735	21.118	ug/l	98
74) N-amyl acetate	12.234	43	24995	23.604	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.669	83	27967	23.164	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	31665	41.491	ug/l #	100
77) Bromobenzene	12.698	156	34693	21.449	ug/l	99
78) n-propylbenzene	12.763	91	171618	21.618	ug/l	100
79) 2-Chlorotoluene	12.845	91	94125	21.612	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	117892	21.859	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.463	75	8463	23.245	ug/l	94
82) 4-Chlorotoluene	12.945	91	101243	21.979	ug/l	98
83) tert-Butylbenzene	13.169	119	99448	21.385	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	113749	20.928	ug/l	98
85) sec-Butylbenzene	13.345	105	153074	21.751	ug/l	100
86) p-Isopropyltoluene	13.463	119	127268	21.124	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	71776	21.029	ug/l	96
88) 1,4-Dichlorobenzene	13.539	146	72250	21.479	ug/l	99
89) n-Butylbenzene	13.786	91	117948	21.677	ug/l	98
90) Hexachloroethane	14.051	117	26110	20.945	ug/l	97
91) 1,2-Dichlorobenzene	13.833	146	61066	20.773	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	3366	20.841	ug/l	98
93) 1,2,4-Trichlorobenzene	15.098	180	35883	20.916	ug/l	96
94) Hexachlorobutadiene	15.204	225	19207	20.679	ug/l	97
95) Naphthalene	15.333	128	59652	19.999	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.522	180	32230	21.715	ug/l	99

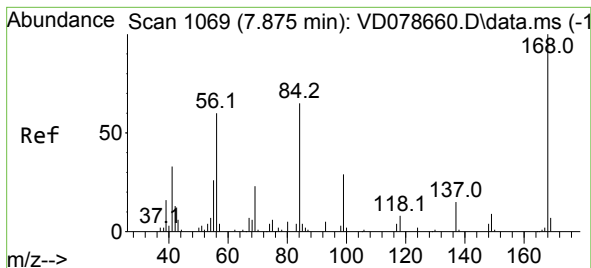
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031524\
Data File : VD078681.D
Acq On : 15 Mar 2024 11:50
Operator : RP/MD
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Quant Title : SW846 8260
QLast Update : Fri Mar 15 05:38:03 2024
Response via : Initial Calibration

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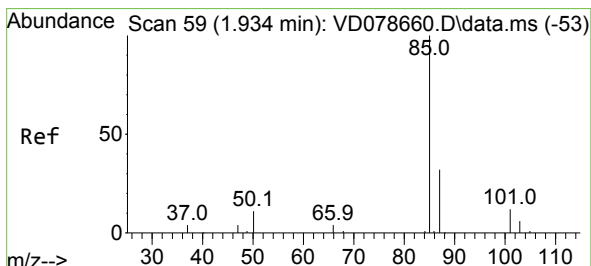
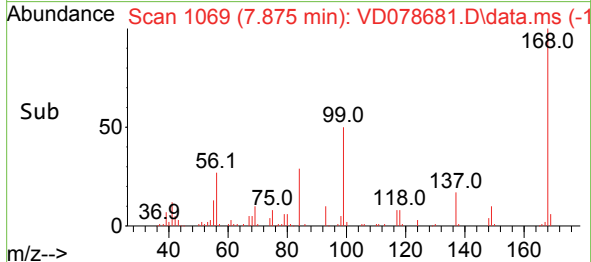
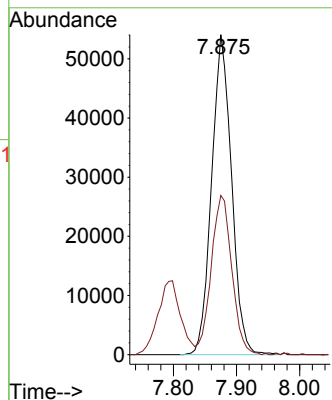
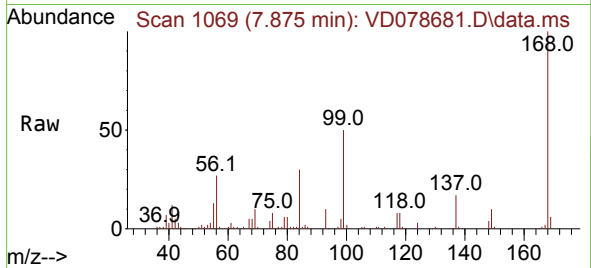
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD078681.D
Acq: 15 Mar 2024 11:50

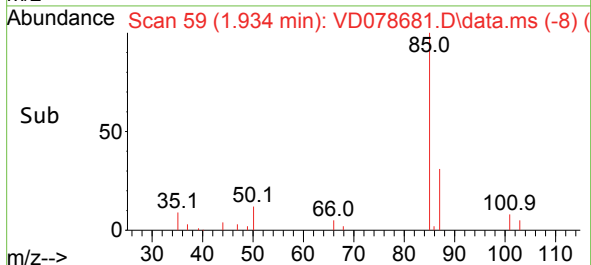
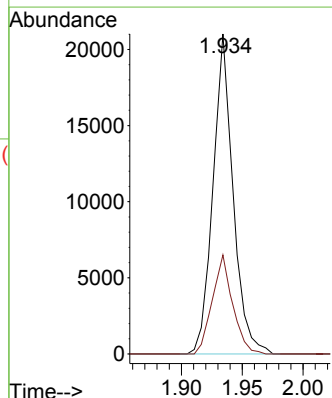
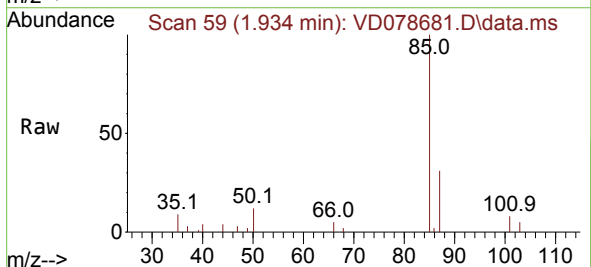
Instrument :
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ClientSampleId :
VD0315SBSD01

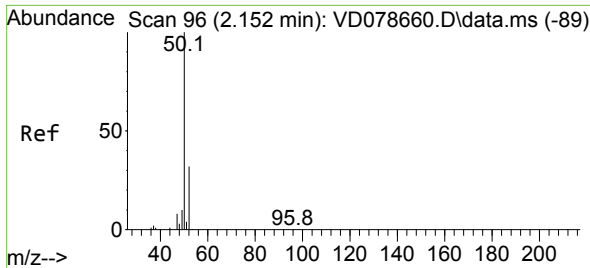
Tgt Ion:168 Resp: 118666
Ion Ratio Lower Upper
168 100
99 49.7 38.8 58.2



#2
Dichlorodifluoromethane
Concen: 21.818 ug/l
RT: 1.934 min Scan# 59
Delta R.T. -0.000 min
Lab File: VD078681.D
Acq: 15 Mar 2024 11:50

Tgt Ion: 85 Resp: 24097
Ion Ratio Lower Upper
85 100
87 31.0 16.2 48.5

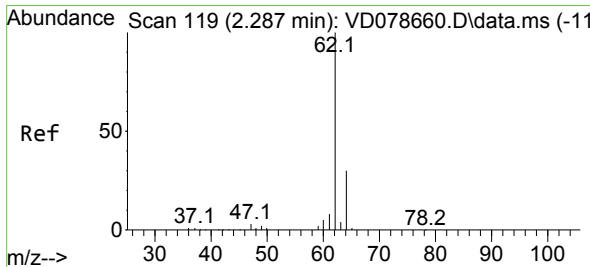
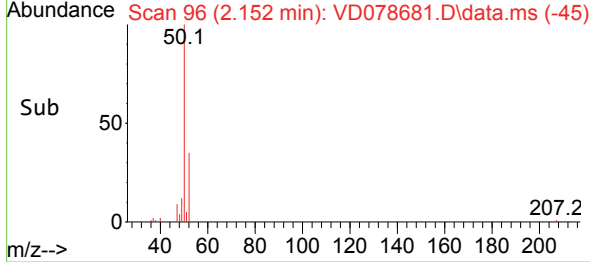
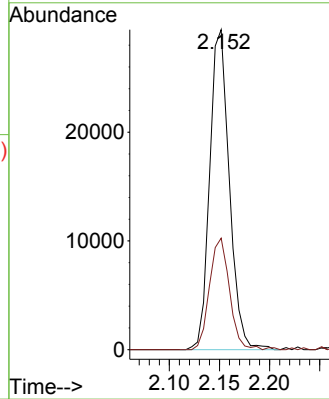
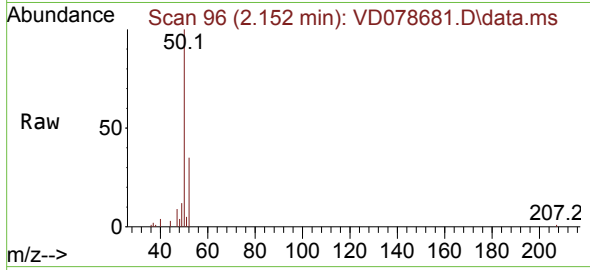




#3
Chloromethane
Concen: 23.016 ug/l
RT: 2.152 min Scan# 96
Delta R.T. -0.000 min
Lab File: VD078681.D
Acq: 15 Mar 2024 11:50

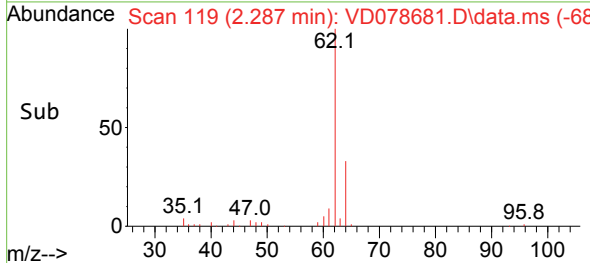
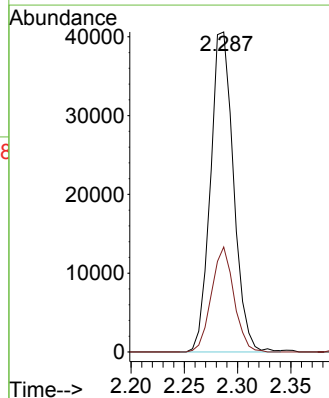
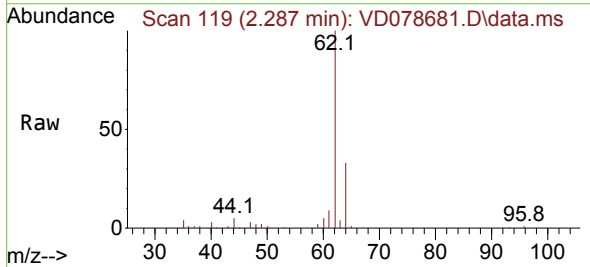
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBSD01

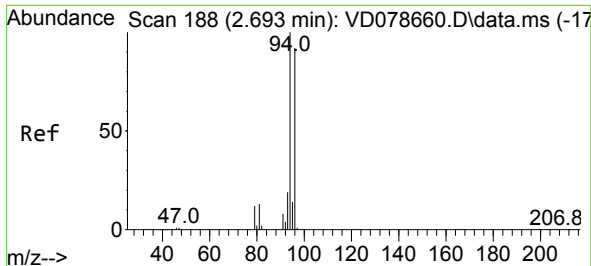
Tgt Ion: 50 Resp: 40136
Ion Ratio Lower Upper
50 100
52 34.9 25.6 38.4



#4
Vinyl Chloride
Concen: 23.789 ug/l
RT: 2.287 min Scan# 119
Delta R.T. -0.000 min
Lab File: VD078681.D
Acq: 15 Mar 2024 11:50

Tgt Ion: 62 Resp: 61196
Ion Ratio Lower Upper
62 100
64 32.8 23.7 35.5

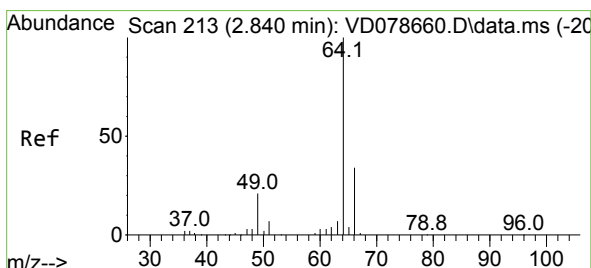
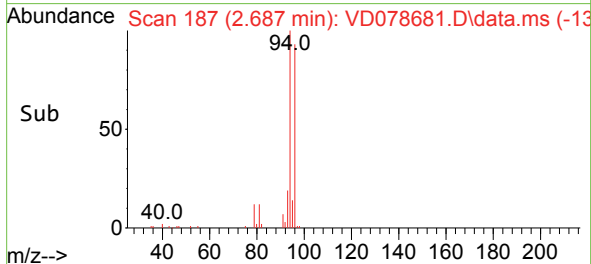
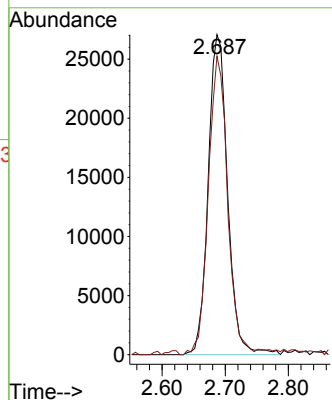
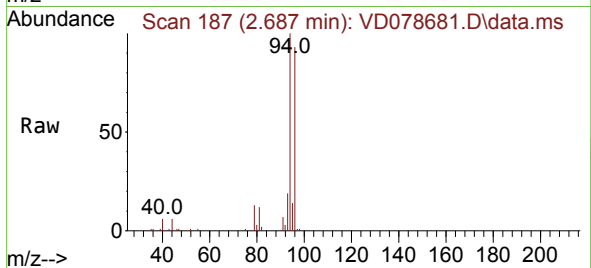




#5
Bromomethane
Concen: 23.470 ug/l
RT: 2.687 min Scan# 188
Delta R.T. -0.006 min
Lab File: VD078681.D
Acq: 15 Mar 2024 11:50

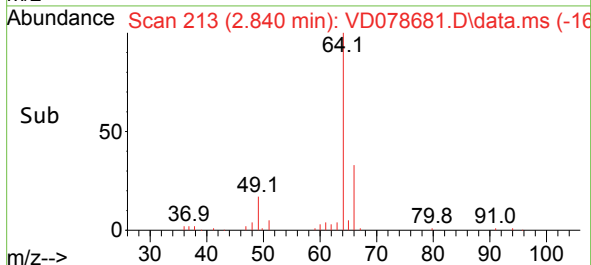
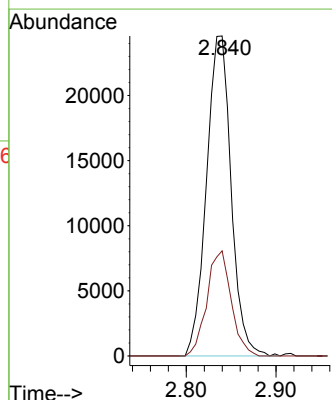
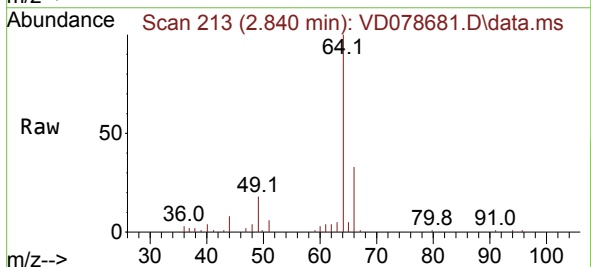
Instrument :
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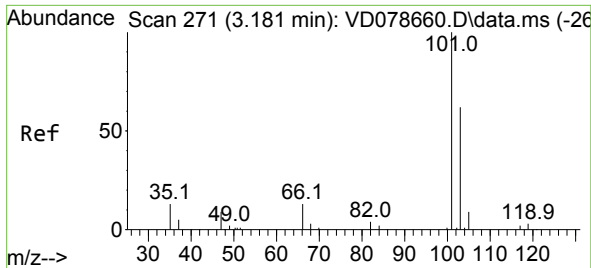
Tgt Ion: 94 Resp: 57807
Ion Ratio Lower Upper
94 100
96 92.0 73.5 110.3



#6
Chloroethane
Concen: 23.393 ug/l
RT: 2.840 min Scan# 213
Delta R.T. -0.000 min
Lab File: VD078681.D
Acq: 15 Mar 2024 11:50

Tgt Ion: 64 Resp: 46930
Ion Ratio Lower Upper
64 100
66 32.9 26.8 40.2

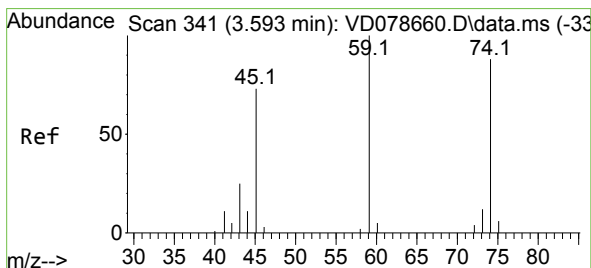
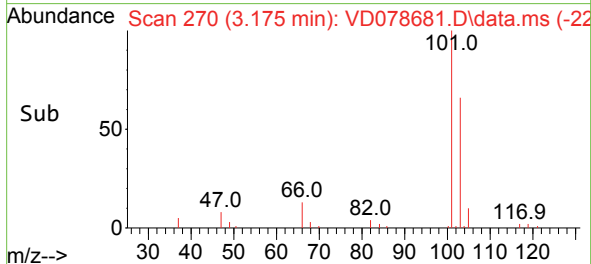
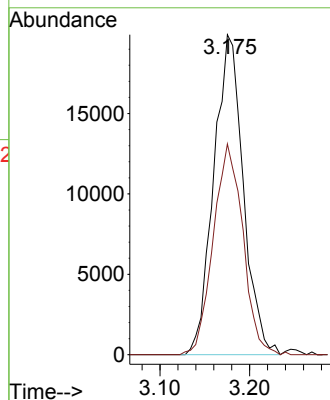
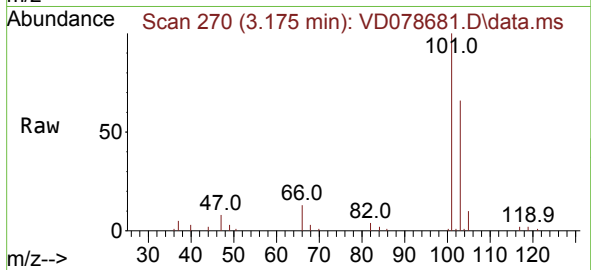




#7
 Trichlorofluoromethane
 Concen: 22.340 ug/l
 RT: 3.175 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VD078681.D
 Acq: 15 Mar 2024 11:50

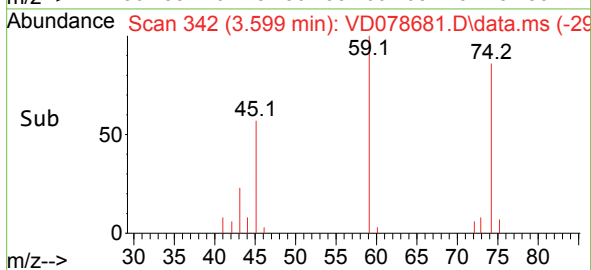
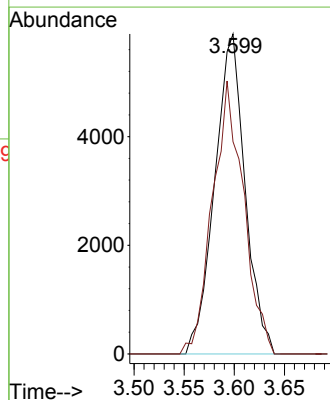
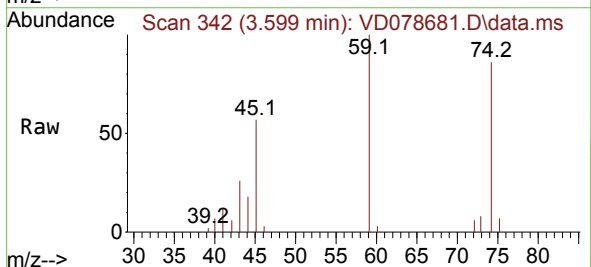
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0315SBSD01

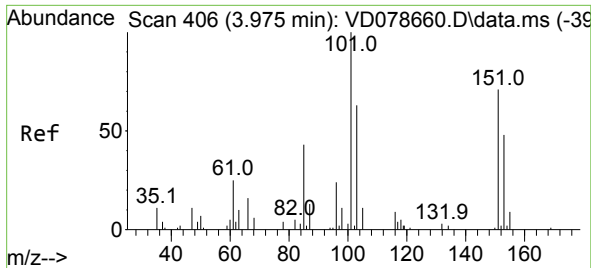
Tgt Ion:101 Resp: 45464
 Ion Ratio Lower Upper
 101 100
 103 65.8 49.7 74.5



#8
 Diethyl Ether
 Concen: 20.864 ug/l
 RT: 3.599 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VD078681.D
 Acq: 15 Mar 2024 11:50

Tgt Ion: 74 Resp: 12397
 Ion Ratio Lower Upper
 74 100
 45 87.2 42.4 127.3

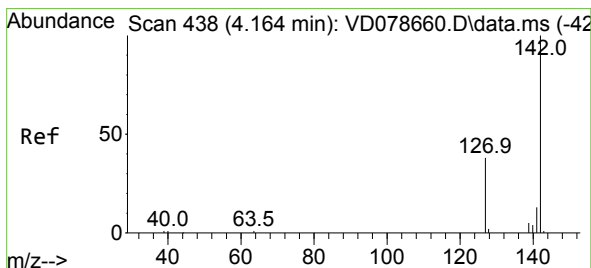
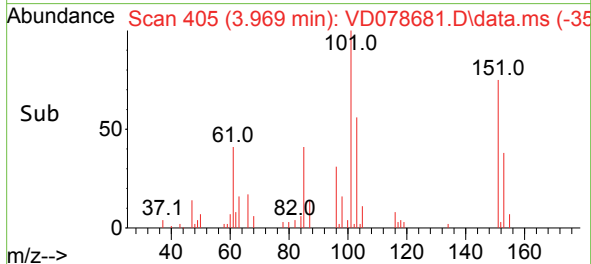
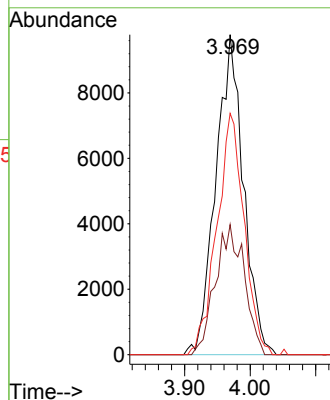
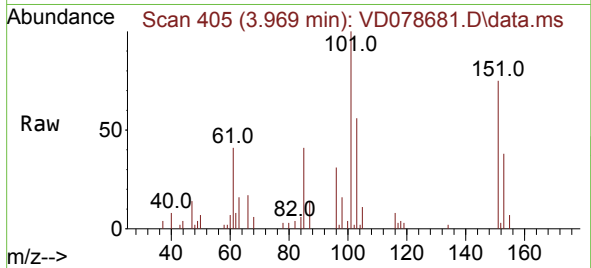




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.428 ug/l
RT: 3.969 min Scan# 406
Delta R.T. -0.006 min
Lab File: VD078681.D
Acq: 15 Mar 2024 11:50

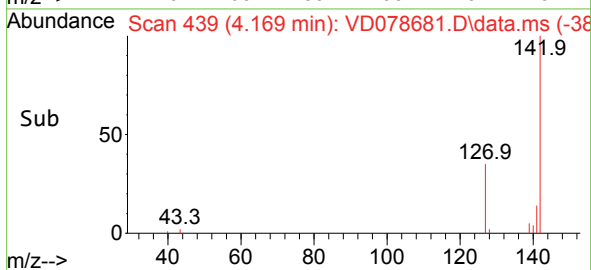
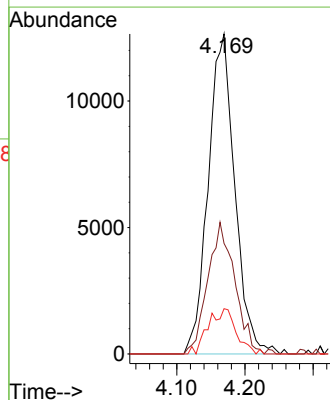
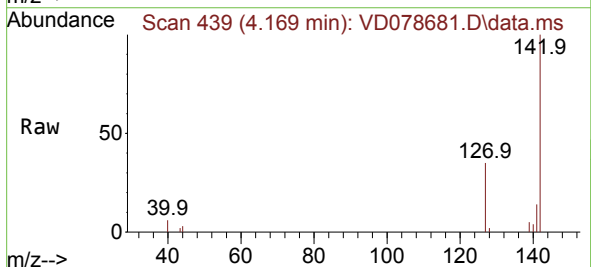
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBSD01

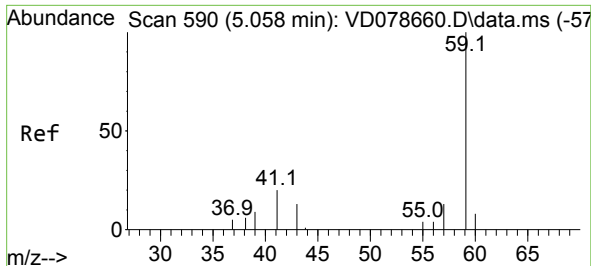
Tgt Ion:	101	Resp:	28645
Ion	Ratio	Lower	Upper
101	100		
85	42.4	35.8	53.6
151	74.3	59.4	89.2



#10
Methyl Iodide
Concen: 22.763 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.006 min
Lab File: VD078681.D
Acq: 15 Mar 2024 11:50

Tgt Ion:	142	Resp:	34391
Ion	Ratio	Lower	Upper
142	100		
127	41.7	33.5	50.3
141	14.8	11.7	17.5

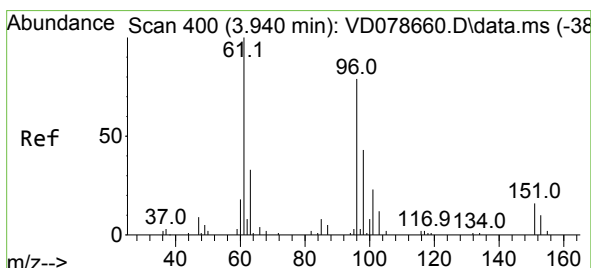
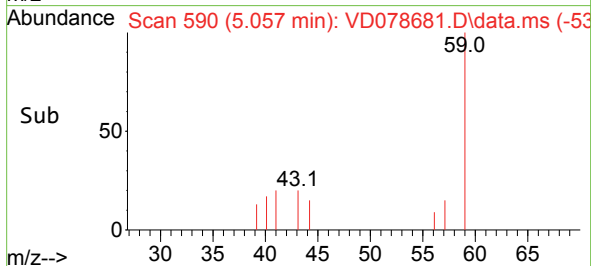
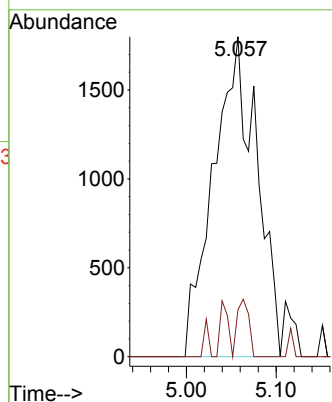
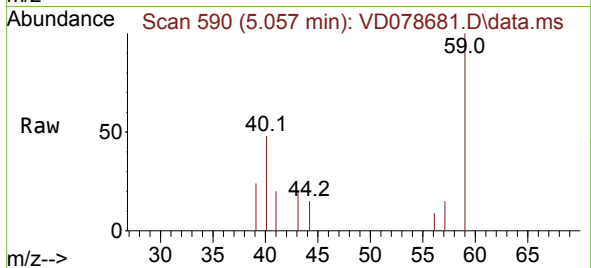




#11
Tert butyl alcohol
Concen: 120.396 ug/l
RT: 5.057 min Scan# 591
Delta R.T. -0.000 min
Lab File: VD078681.D
Acq: 15 Mar 2024 11:50

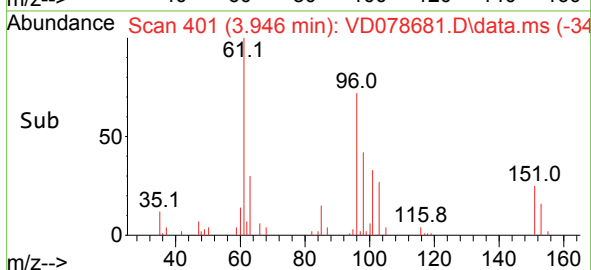
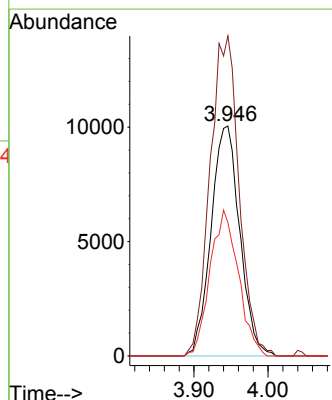
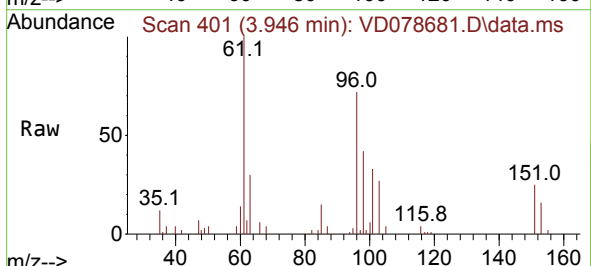
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01

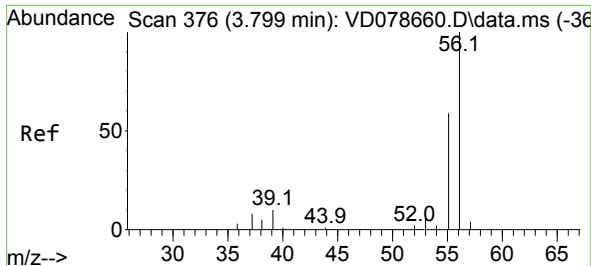
Tgt Ion: 59 Resp: 5992
Ion Ratio Lower Upper
59 100
57 4.9 7.4 11.0#



#12
1,1-Dichloroethene
Concen: 22.276 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.006 min
Lab File: VD078681.D
Acq: 15 Mar 2024 11:50

Tgt Ion: 96 Resp: 27046
Ion Ratio Lower Upper
96 100
61 139.2 101.4 152.0
98 58.1 43.4 65.0

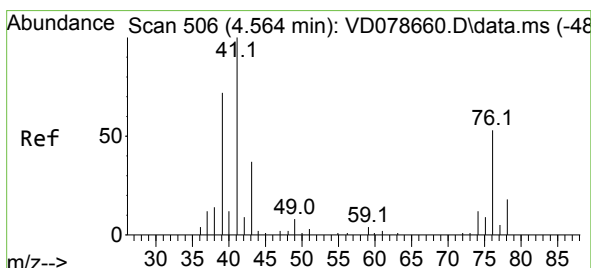
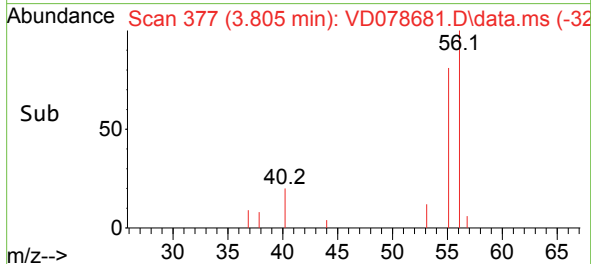
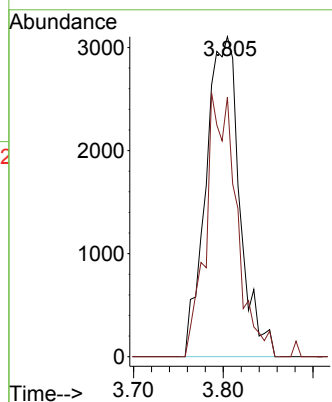
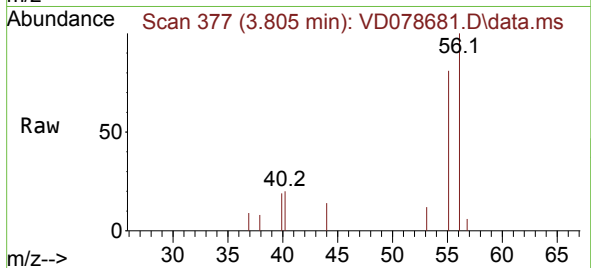




#13
Acrolein
Concen: 103.986 ug/l
RT: 3.805 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD078681.D
Acq: 15 Mar 2024 11:50

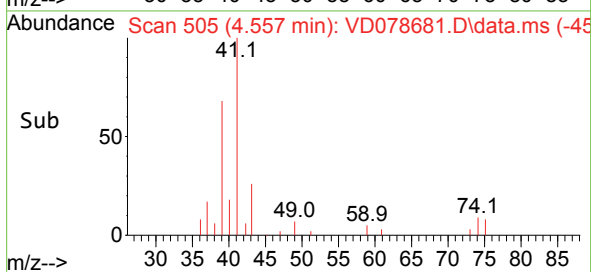
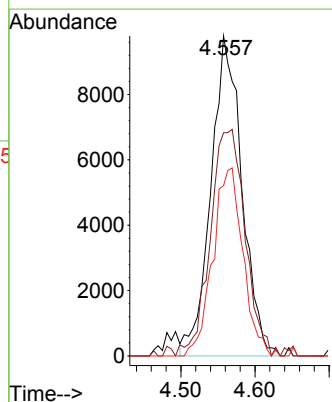
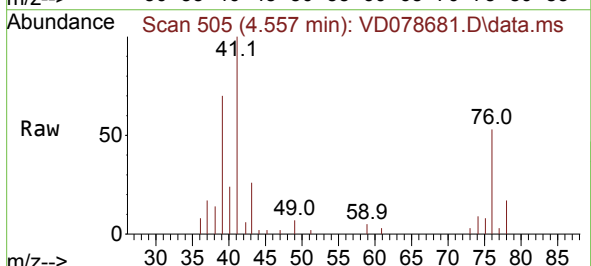
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBSD01

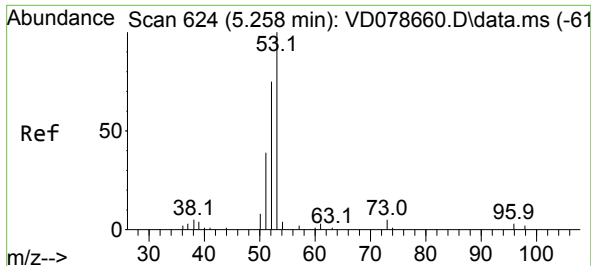
Tgt Ion: 56 Resp: 8107
Ion Ratio Lower Upper
56 100
55 74.6 54.9 82.3



#14
Allyl chloride
Concen: 21.017 ug/l
RT: 4.557 min Scan# 505
Delta R.T. -0.006 min
Lab File: VD078681.D
Acq: 15 Mar 2024 11:50

Tgt Ion: 41 Resp: 28473
Ion Ratio Lower Upper
41 100
39 79.5 57.8 86.6
76 57.1 44.8 67.2





#15

Acrylonitrile

Concen: 118.314 ug/l

RT: 5.257 min Scan# 61

Delta R.T. -0.000 min

Lab File: VD078681.D

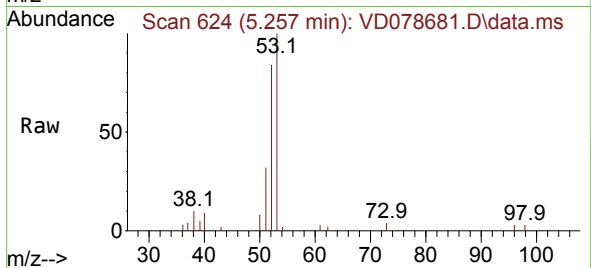
Acq: 15 Mar 2024 11:50

Instrument :

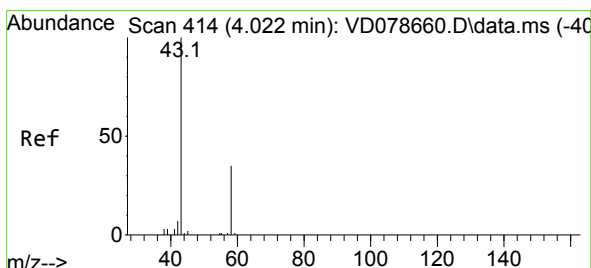
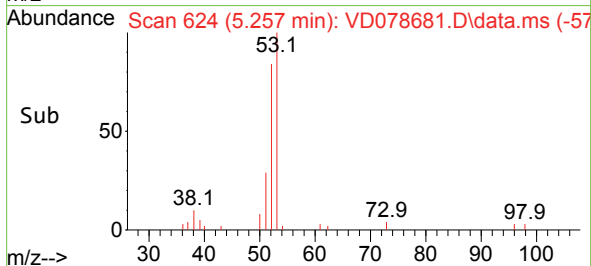
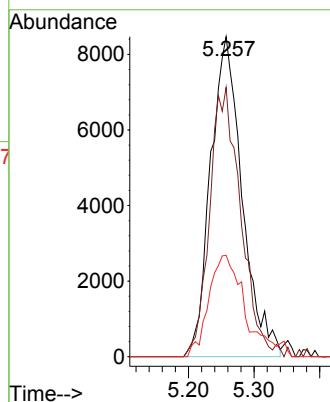
MSVOA_D

ClientSampleId :

VD0315SBSD01



Tgt Ion:	53	Resp:	28340
Ion	Ratio	Lower	Upper
53	100		
52	82.8	61.9	92.9
51	35.8	29.0	43.4



#16

Acetone

Concen: 117.685 ug/l

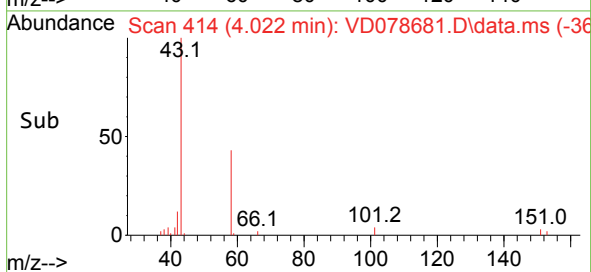
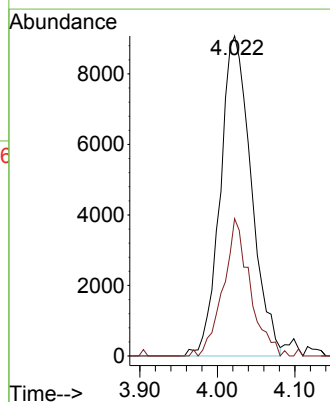
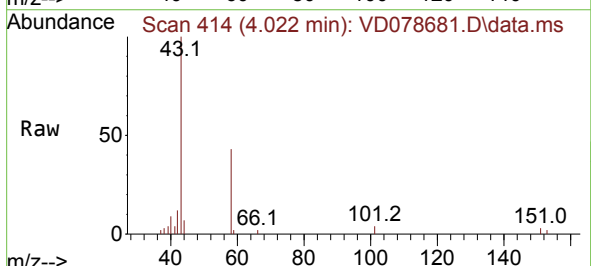
RT: 4.022 min Scan# 414

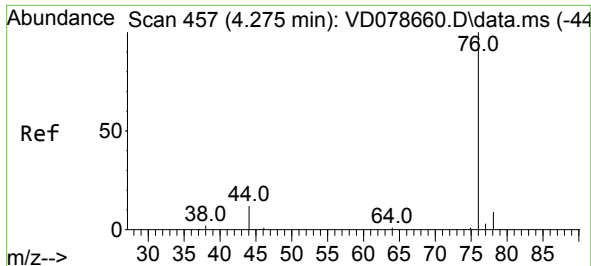
Delta R.T. -0.000 min

Lab File: VD078681.D

Acq: 15 Mar 2024 11:50

Tgt Ion:	43	Resp:	25308
Ion	Ratio	Lower	Upper
43	100		
58	42.9	28.2	42.4#

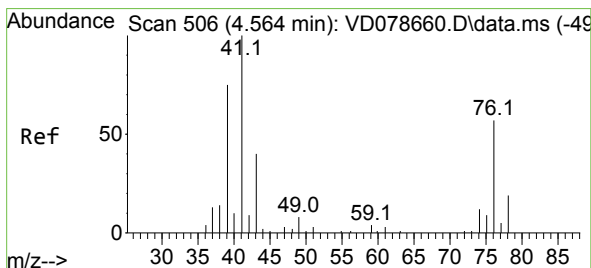
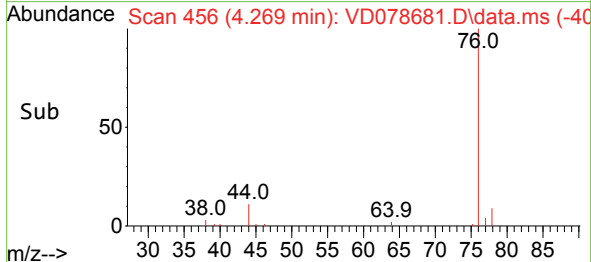
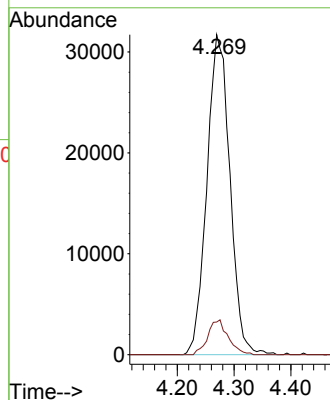
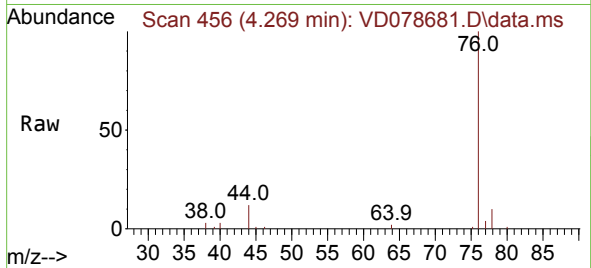




#17
Carbon Disulfide
Concen: 22.390 ug/l
RT: 4.269 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD078681.D
Acq: 15 Mar 2024 11:50

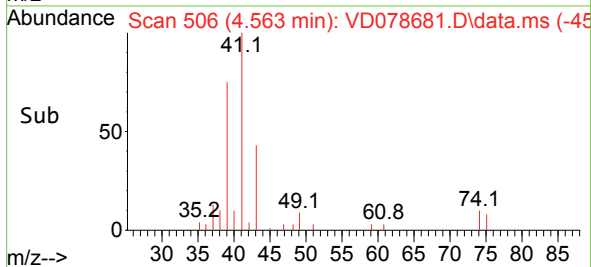
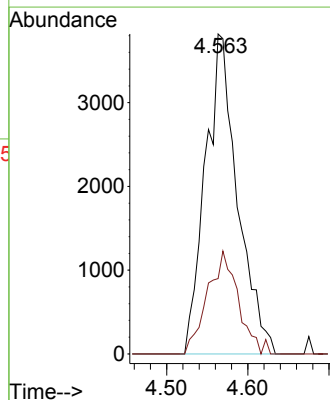
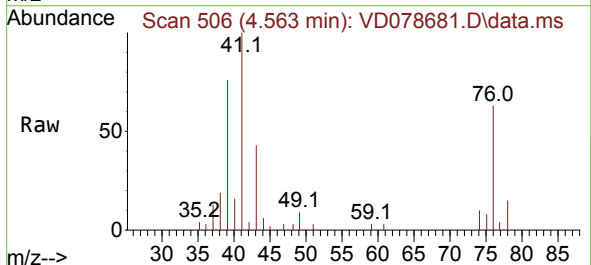
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01

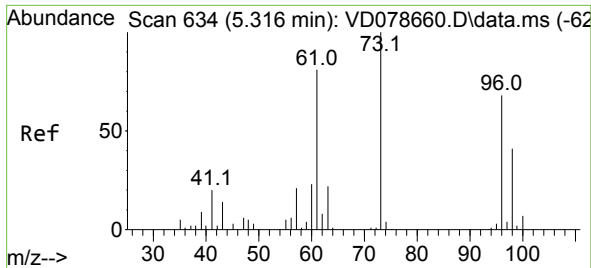
Tgt Ion: 76 Resp: 89120
Ion Ratio Lower Upper
76 100
78 10.2 7.3 10.9



#18
Methyl Acetate
Concen: 22.760 ug/l
RT: 4.563 min Scan# 506
Delta R.T. -0.001 min
Lab File: VD078681.D
Acq: 15 Mar 2024 11:50

Tgt Ion: 43 Resp: 10504
Ion Ratio Lower Upper
43 100
74 30.8 25.3 37.9

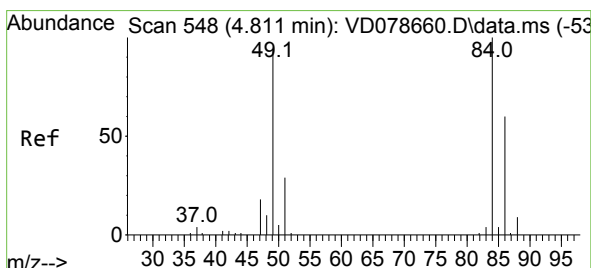
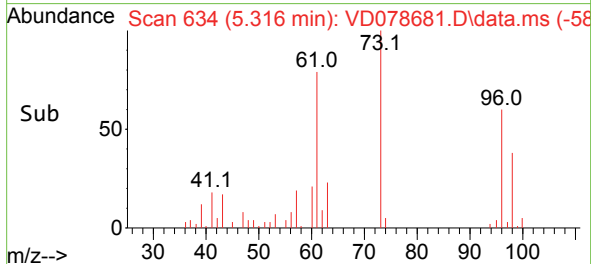
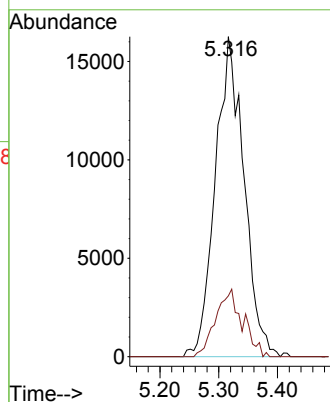
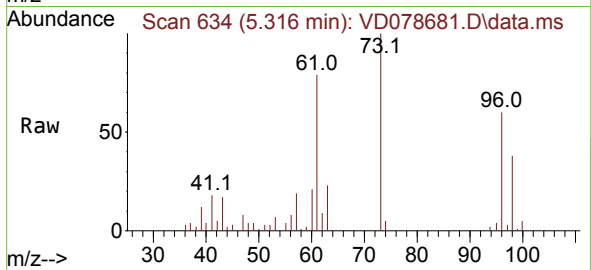




#19
Methyl tert-butyl Ether
Concen: 22.429 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD078681.D
Acq: 15 Mar 2024 11:50

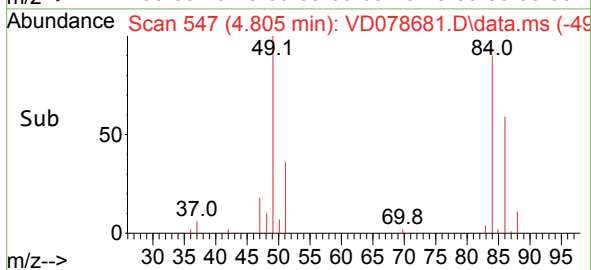
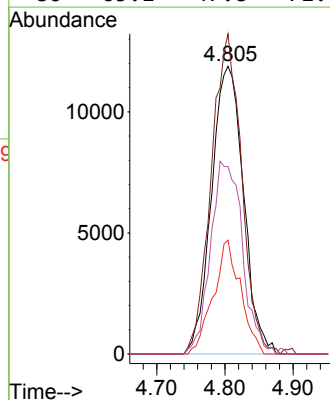
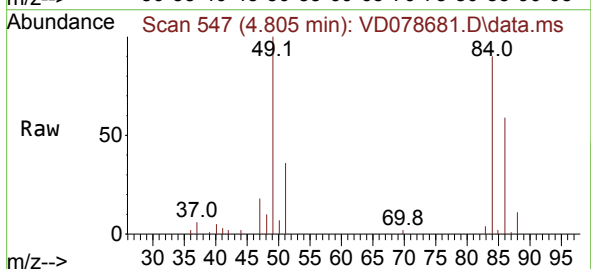
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBSD01

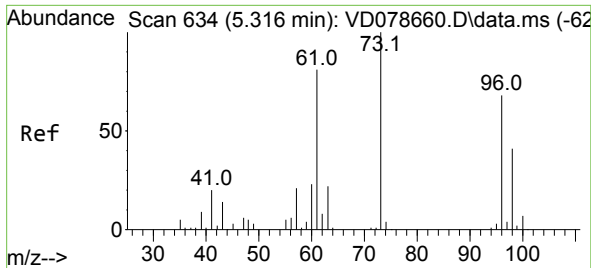
Tgt Ion: 73 Resp: 54919
Ion Ratio Lower Upper
73 100
57 19.0 16.4 24.6



#20
Methylene Chloride
Concen: 23.870 ug/l
RT: 4.805 min Scan# 547
Delta R.T. -0.006 min
Lab File: VD078681.D
Acq: 15 Mar 2024 11:50

Tgt Ion: 84 Resp: 38729
Ion Ratio Lower Upper
84 100
49 111.2 75.6 113.4
51 39.6 23.4 35.0#
86 65.1 47.8 71.6

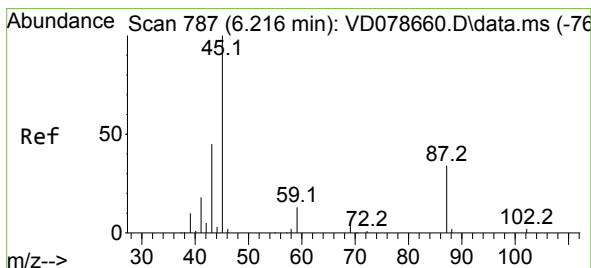
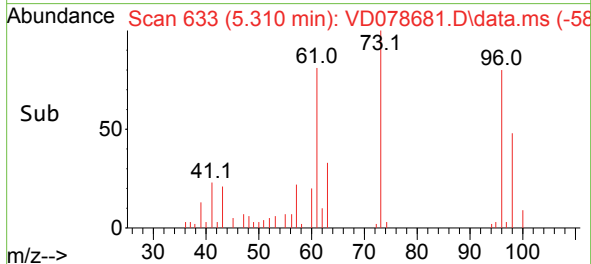
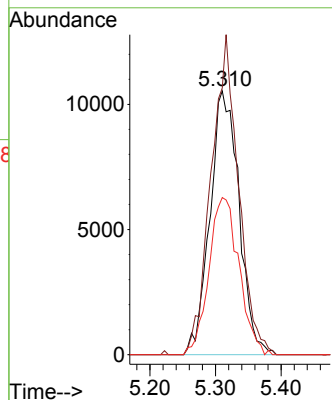
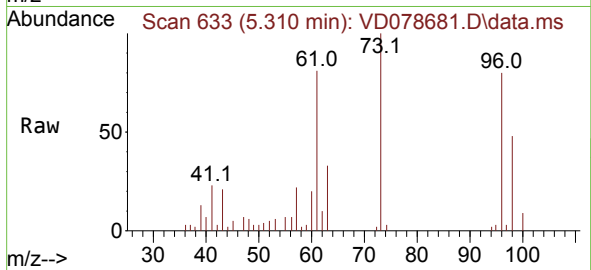




#21
trans-1,2-Dichloroethene
Concen: 22.656 ug/l
RT: 5.310 min Scan# 610
Delta R.T. -0.006 min
Lab File: VD078681.D
Acq: 15 Mar 2024 11:50

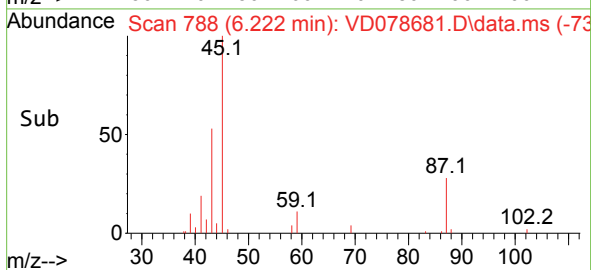
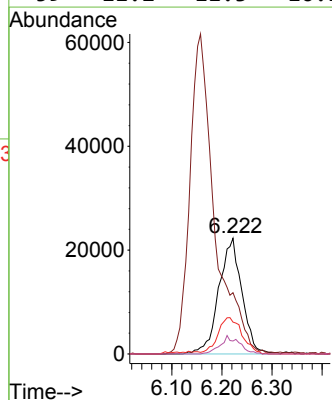
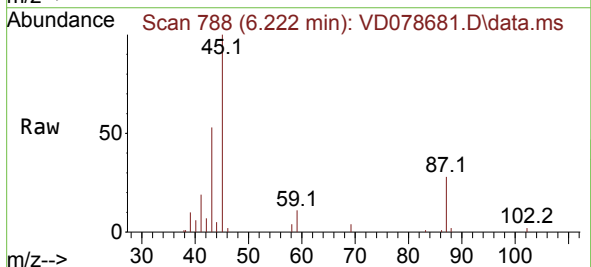
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01

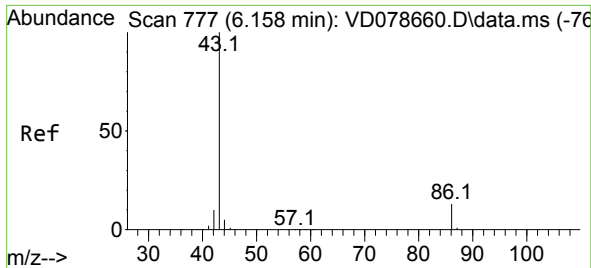
Tgt Ion: 96 Resp: 32458
Ion Ratio Lower Upper
96 100
61 101.2 96.1 144.1
98 59.6 48.9 73.3



#22
Diisopropyl ether
Concen: 23.148 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.006 min
Lab File: VD078681.D
Acq: 15 Mar 2024 11:50

Tgt Ion: 45 Resp: 71300
Ion Ratio Lower Upper
45 100
43 51.3 44.3 66.5
87 27.6 28.3 42.5#
59 11.2 11.3 16.9#

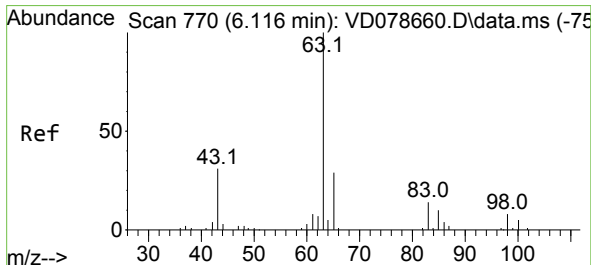
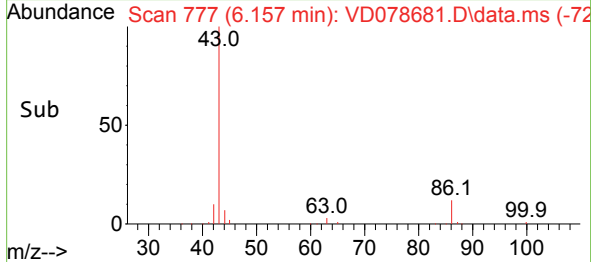
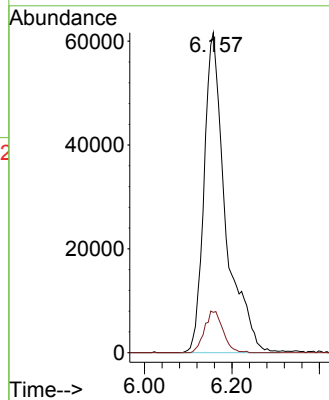
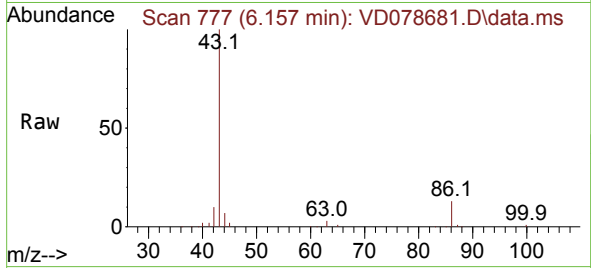




#23
 Vinyl Acetate
 Concen: 117.536 ug/l
 RT: 6.157 min Scan# 711
 Delta R.T. -0.000 min
 Lab File: VD078681.D
 Acq: 15 Mar 2024 11:50

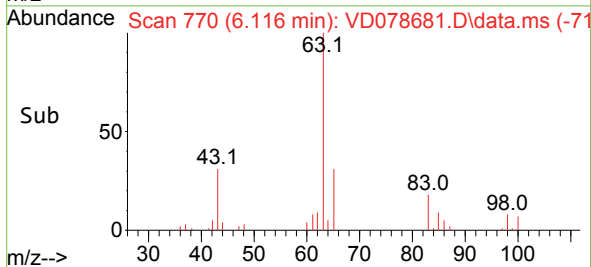
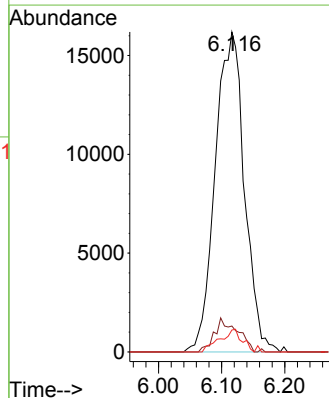
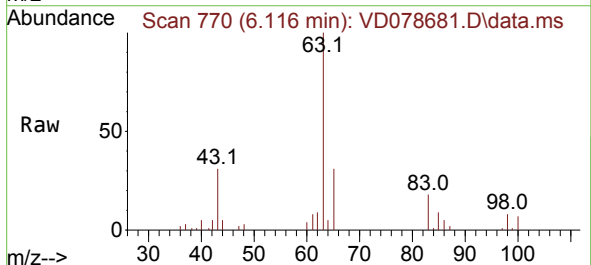
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0315SBSD01

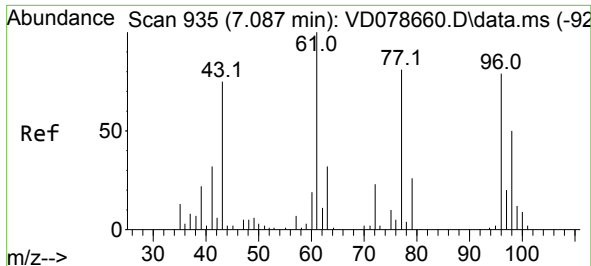
Tgt Ion: 43 Resp: 211767
 Ion Ratio Lower Upper
 43 100
 86 12.6 10.7 16.1



#24
 1,1-Dichloroethane
 Concen: 22.504 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. -0.000 min
 Lab File: VD078681.D
 Acq: 15 Mar 2024 11:50

Tgt Ion: 63 Resp: 51968
 Ion Ratio Lower Upper
 63 100
 98 8.1 4.0 11.9
 100 6.9 2.7 8.1

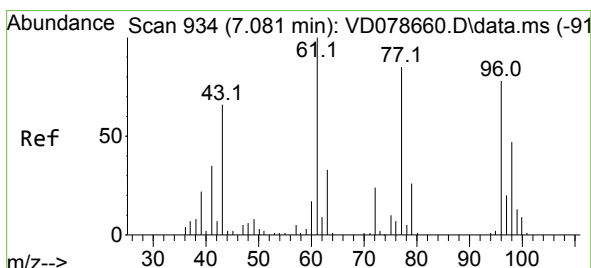
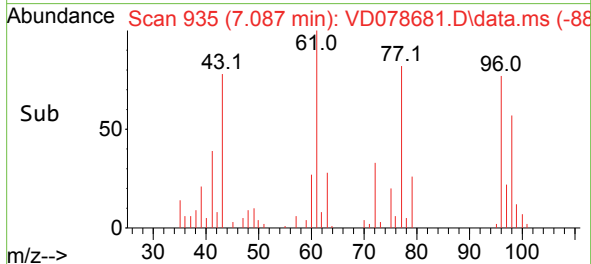
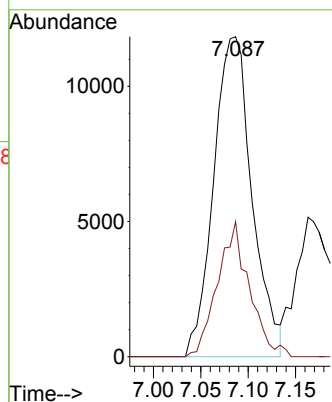
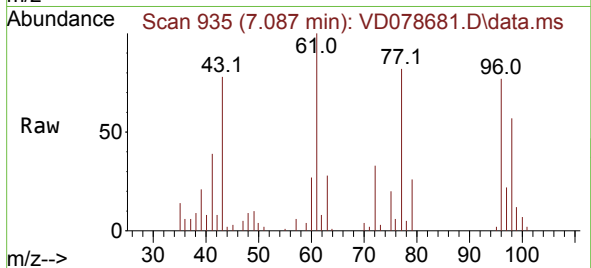




#25
2-Butanone
Concen: 116.687 ug/l
RT: 7.087 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD078681.D
Acq: 15 Mar 2024 11:50

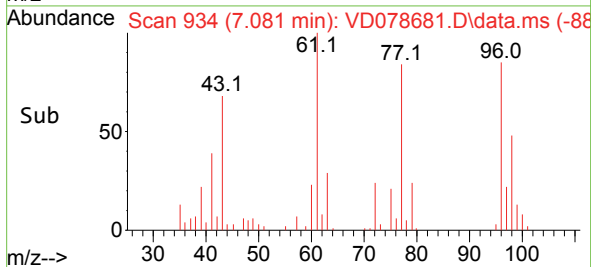
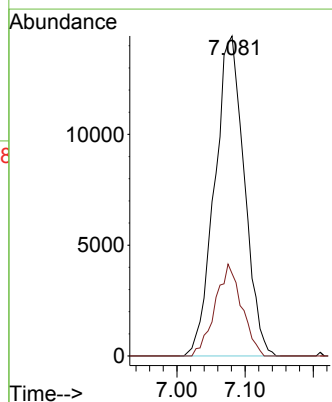
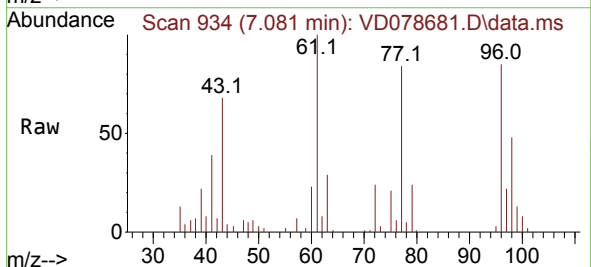
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBSD01

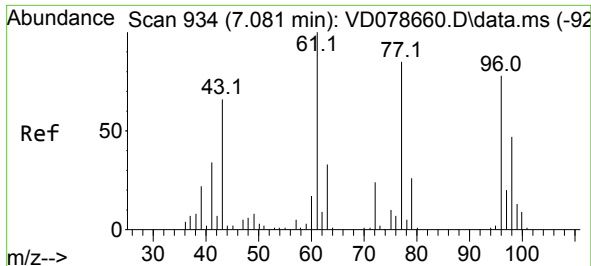
Tgt Ion: 43 Resp: 33362
Ion Ratio Lower Upper
43 100
72 42.2 25.0 37.6#



#26
2,2-Dichloropropane
Concen: 22.311 ug/l
RT: 7.081 min Scan# 934
Delta R.T. -0.000 min
Lab File: VD078681.D
Acq: 15 Mar 2024 11:50

Tgt Ion: 77 Resp: 43592
Ion Ratio Lower Upper
77 100
97 25.9 12.4 37.0



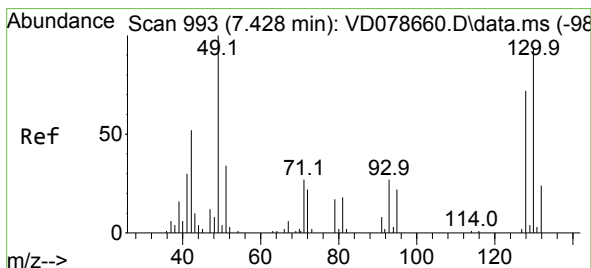
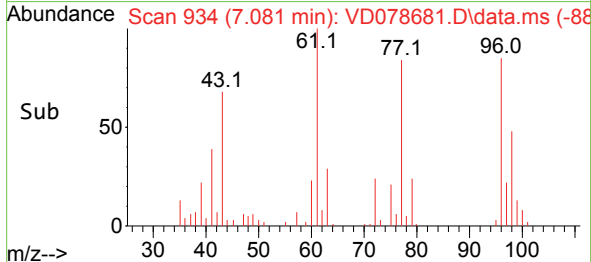
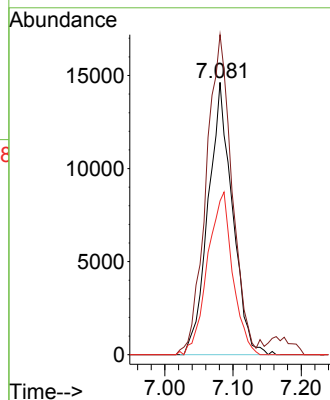
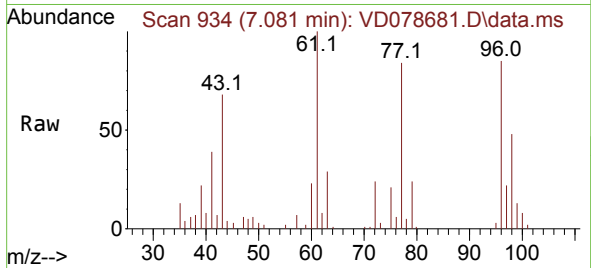


#27
 cis-1,2-Dichloroethene
 Concen: 22.223 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VD078681.D
 Acq: 15 Mar 2024 11:50

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0315SBSD01

Tgt Ion: 96 Resp: 36314

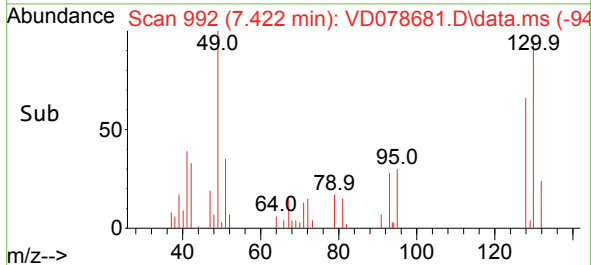
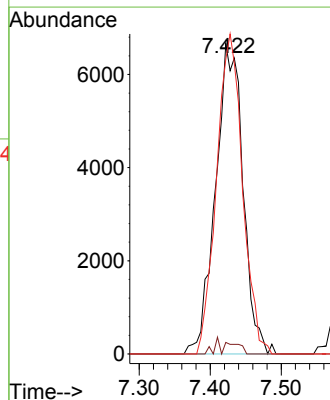
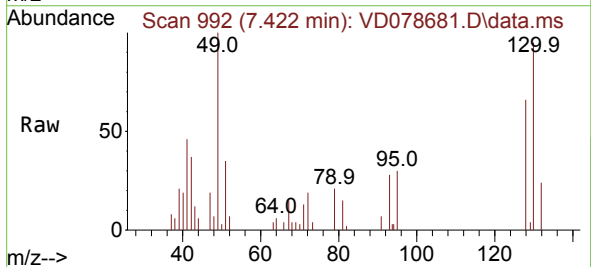
Ion	Ratio	Lower	Upper
96	100		
61	125.2	0.0	245.0
98	61.8	0.0	126.6

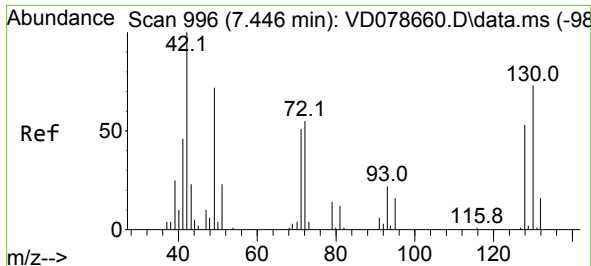


#28
 Bromochloromethane
 Concen: 21.715 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. -0.006 min
 Lab File: VD078681.D
 Acq: 15 Mar 2024 11:50

Tgt Ion: 49 Resp: 17878

Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	6.2
130	97.6	77.1	115.7





#29

Tetrahydrofuran

Concen: 119.306 ug/l

RT: 7.451 min Scan# 997

Delta R.T. 0.006 min

Lab File: VD078681.D

Acq: 15 Mar 2024 11:50

Instrument :

MSVOA_D

ClientSampleId :

VD0315SBS01

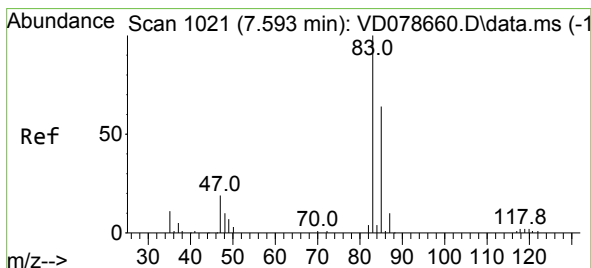
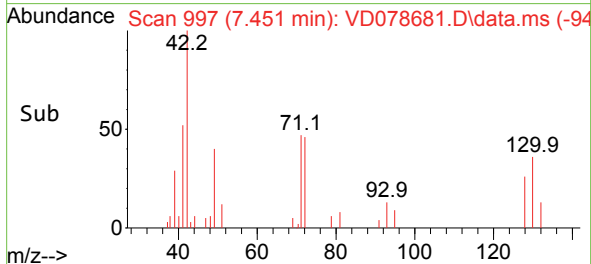
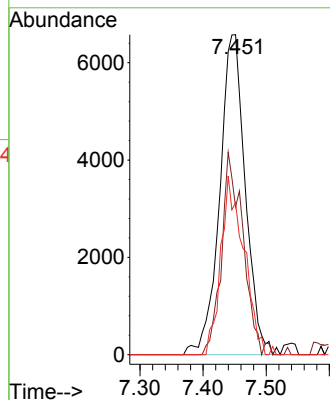
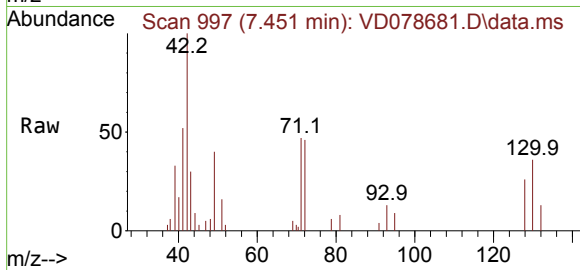
Tgt Ion: 42 Resp: 18553

Ion Ratio Lower Upper

42 100

72 53.2 43.8 65.6

71 49.7 42.0 63.0



#30

Chloroform

Concen: 22.244 ug/l

RT: 7.598 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VD078681.D

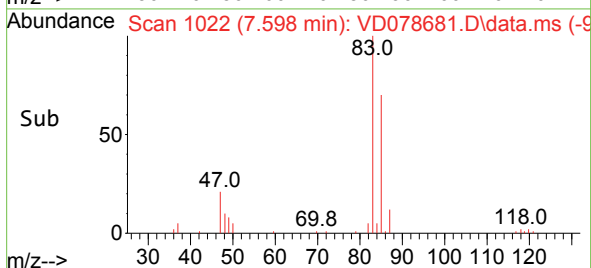
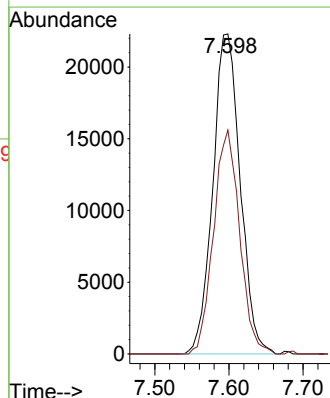
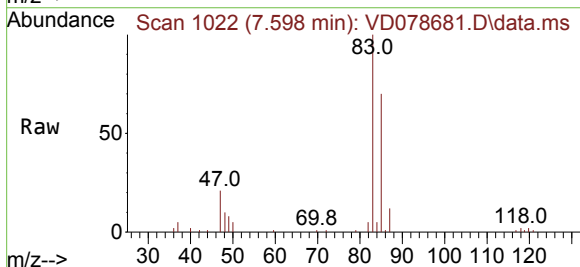
Acq: 15 Mar 2024 11:50

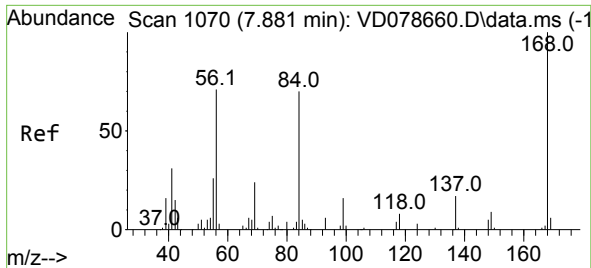
Tgt Ion: 83 Resp: 57275

Ion Ratio Lower Upper

83 100

85 70.0 51.2 76.8

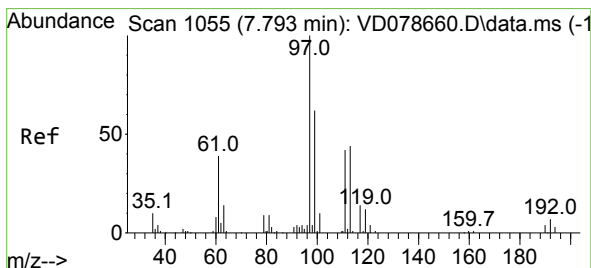
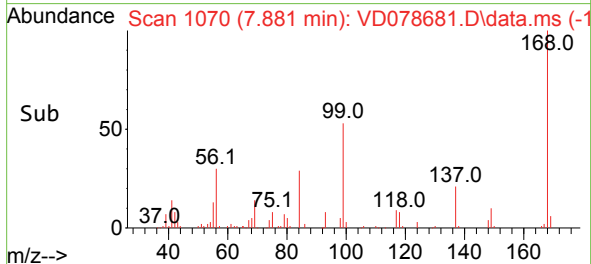
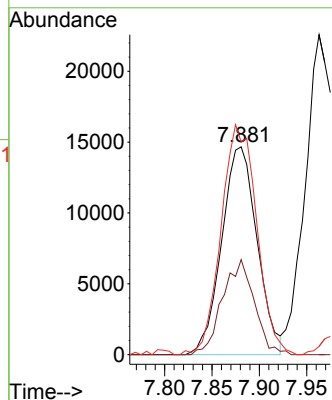
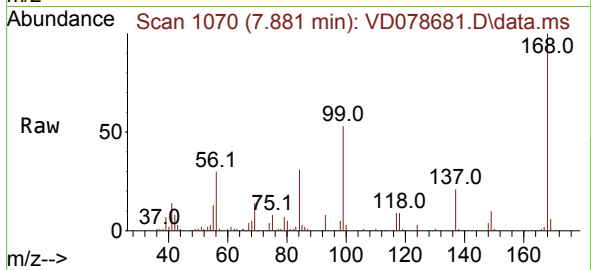




#31
Cyclohexane
Concen: 20.457 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD078681.D
Acq: 15 Mar 2024 11:50

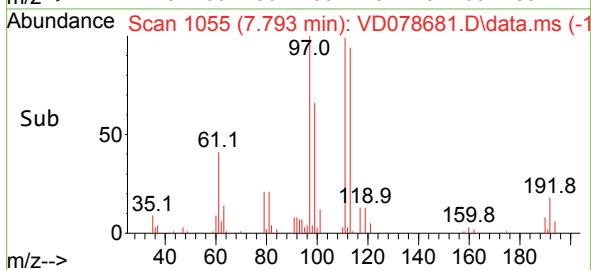
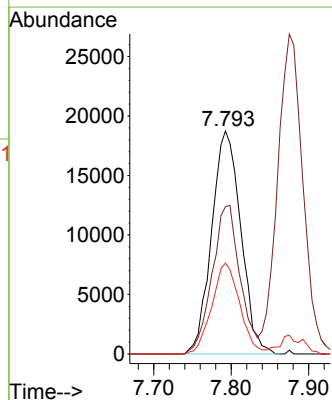
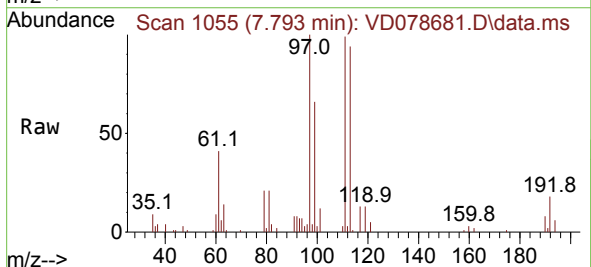
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBSD01

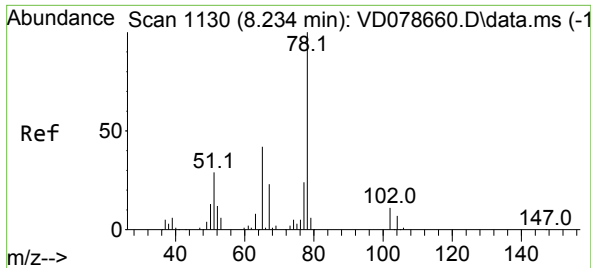
Tgt Ion: 56 Resp: 38238
Ion Ratio Lower Upper
56 100
69 45.8 26.6 40.0#
84 102.4 79.4 119.2



#32
1,1,1-Trichloroethane
Concen: 22.469 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD078681.D
Acq: 15 Mar 2024 11:50

Tgt Ion: 97 Resp: 49086
Ion Ratio Lower Upper
97 100
99 63.8 50.8 76.2
61 38.8 33.0 49.6

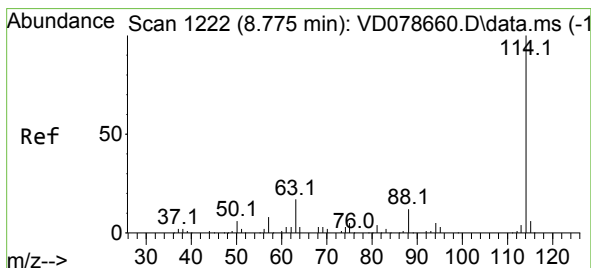
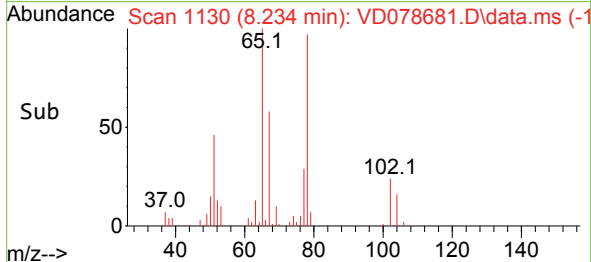
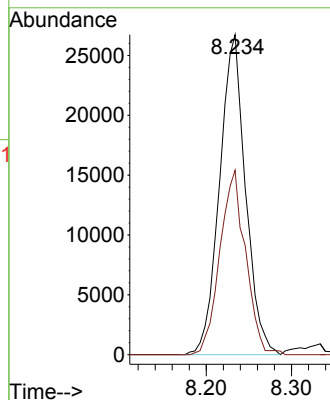
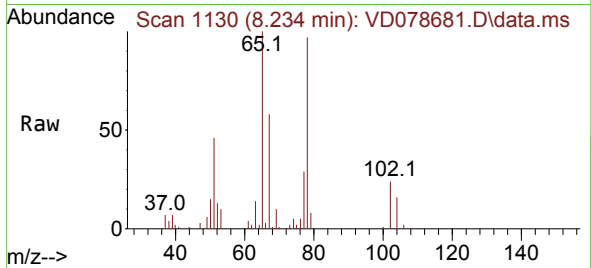




#33
1,2-Dichloroethane-d4
Concen: 50.894 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD078681.D
Acq: 15 Mar 2024 11:50

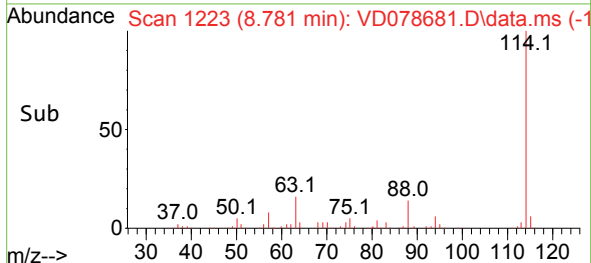
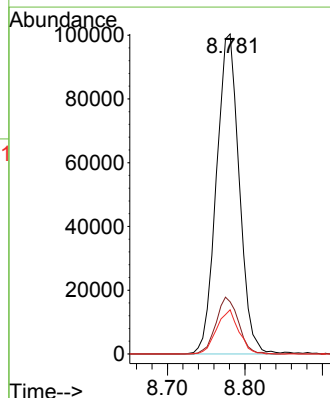
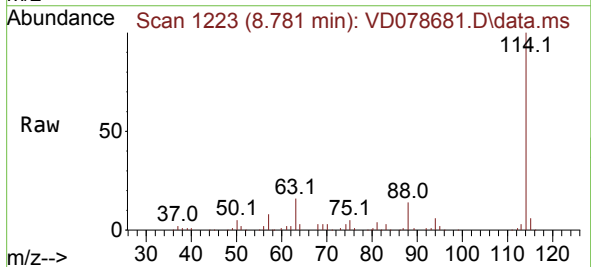
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01

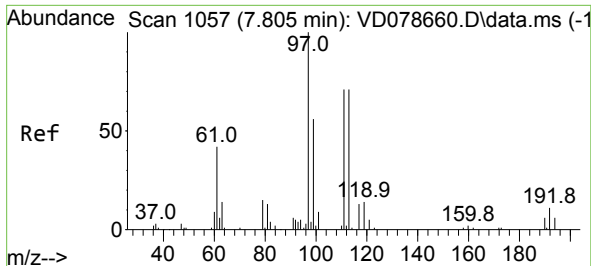
Tgt Ion: 65 Resp: 56599
Ion Ratio Lower Upper
65 100
67 57.1 0.0 110.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 1223
Delta R.T. 0.006 min
Lab File: VD078681.D
Acq: 15 Mar 2024 11:50

Tgt Ion: 114 Resp: 205217
Ion Ratio Lower Upper
114 100
63 16.3 0.0 33.4
88 13.8 0.0 24.6

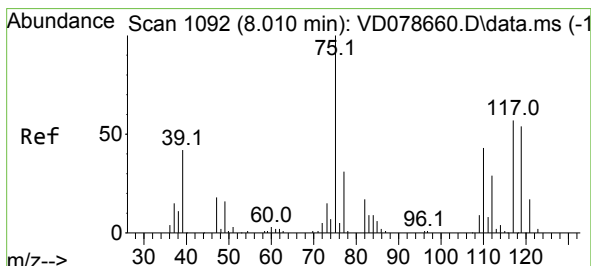
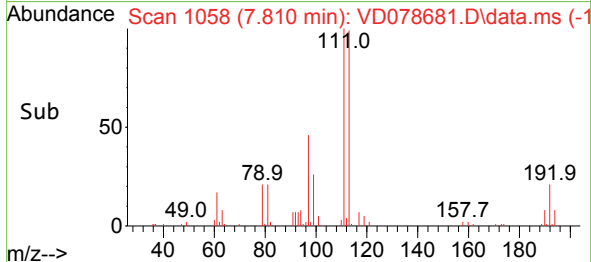
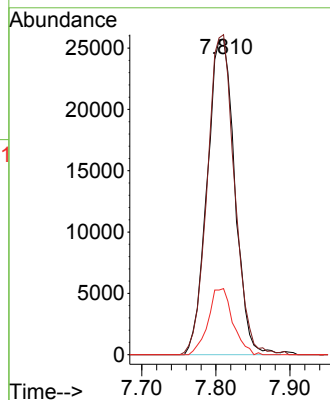
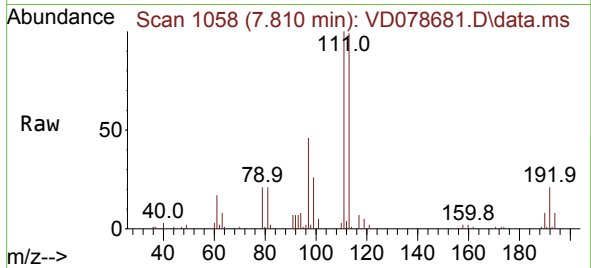




#35
Dibromofluoromethane
Concen: 50.237 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VD078681.D
Acq: 15 Mar 2024 11:50

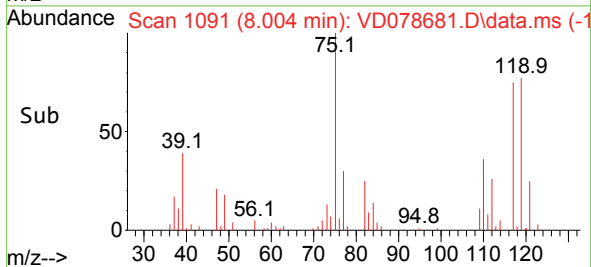
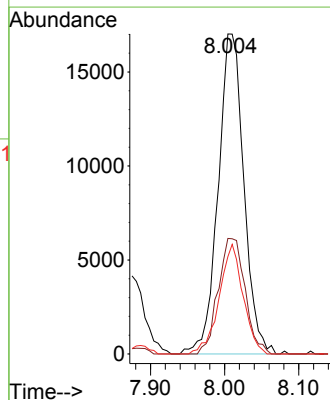
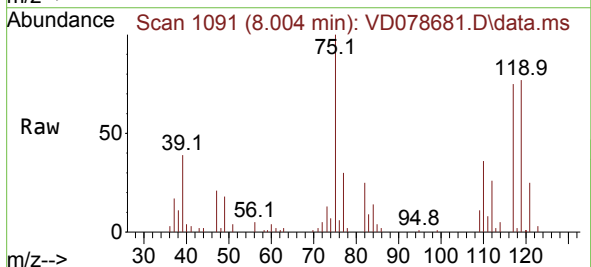
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBSD01

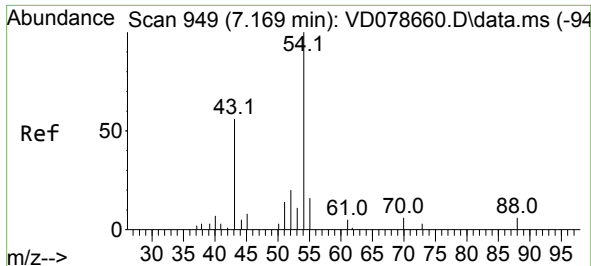
Tgt Ion:113 Resp: 66378
Ion Ratio Lower Upper
113 100
111 100.4 81.9 122.9
192 18.7 15.4 23.0



#36
1,1-Dichloropropene
Concen: 21.414 ug/l
RT: 8.004 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VD078681.D
Acq: 15 Mar 2024 11:50

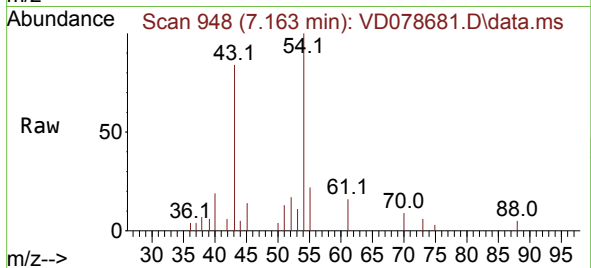
Tgt Ion: 75 Resp: 41053
Ion Ratio Lower Upper
75 100
110 37.6 19.1 57.1
77 31.9 25.4 38.2





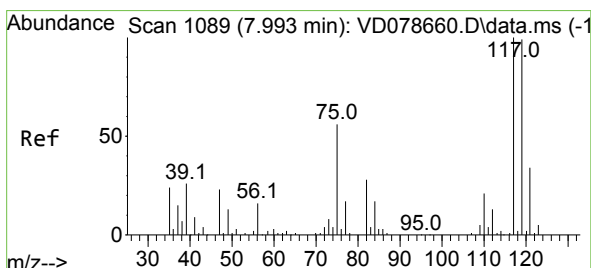
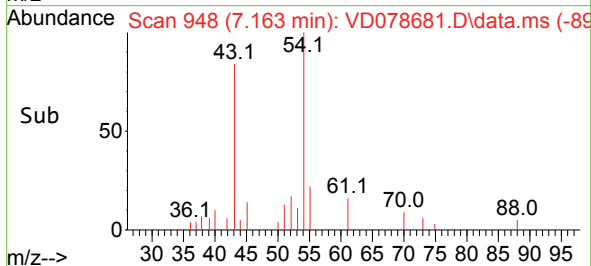
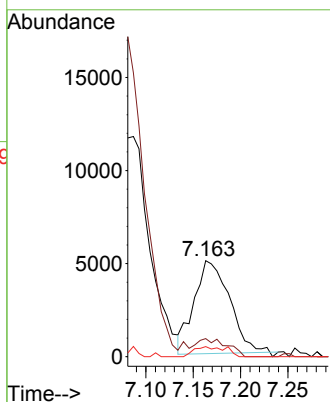
#37
Ethyl Acetate
Concen: 20.730 ug/l
RT: 7.163 min Scan# 949
Delta R.T. -0.006 min
Lab File: VD078681.D
Acq: 15 Mar 2024 11:50

Instrument :
MSVOA_D
ClientSampleId :
VD0315SBSD01



Tgt Ion: 43 Resp: 12983

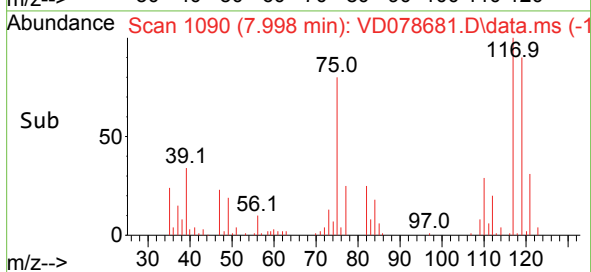
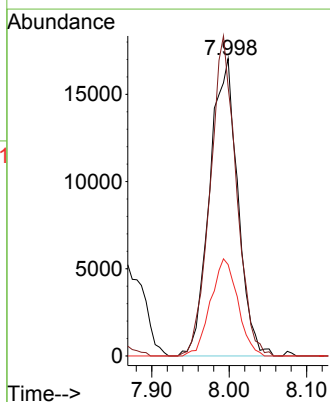
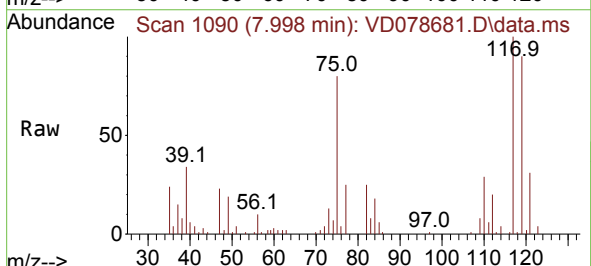
Ion	Ratio	Lower	Upper
43	100		
61	20.4	14.6	21.8
70	9.6	9.4	14.0

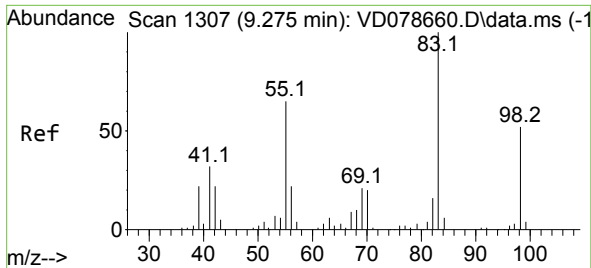


#38
Carbon Tetrachloride
Concen: 21.260 ug/l
RT: 7.998 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD078681.D
Acq: 15 Mar 2024 11:50

Tgt Ion: 117 Resp: 42968

Ion	Ratio	Lower	Upper
117	100		
119	90.5	79.2	118.8
121	30.7	26.8	40.2





#39

Methylcyclohexane

Concen: 20.728 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

Lab File: VD078681.D

Acq: 15 Mar 2024 11:50

Instrument :

MSVOA_D

ClientSampleId :

VD0315SBSD01

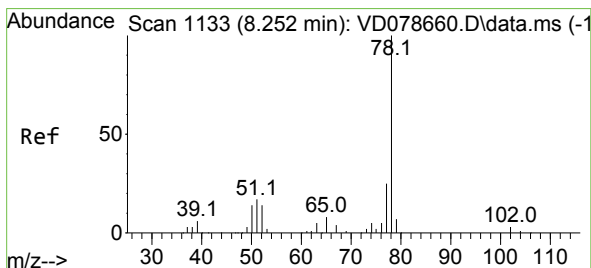
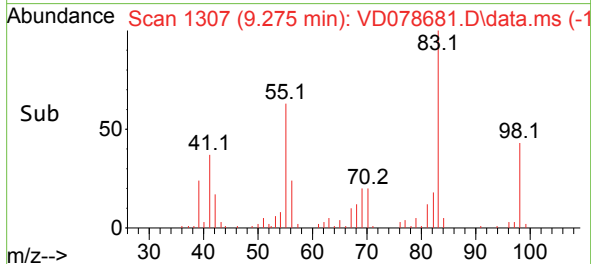
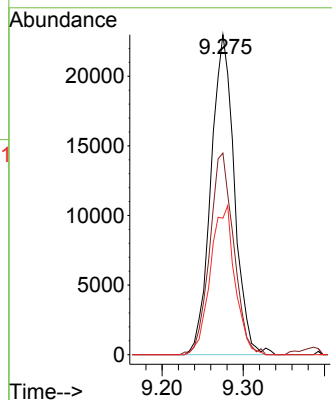
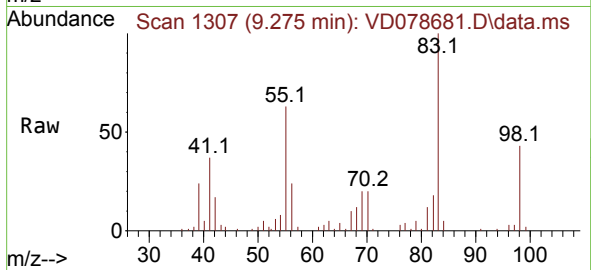
Tgt Ion: 83 Resp: 46097

Ion Ratio Lower Upper

83 100

55 63.0 51.7 77.5

98 42.7 41.4 62.0



#40

Benzene

Concen: 21.378 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. -0.000 min

Lab File: VD078681.D

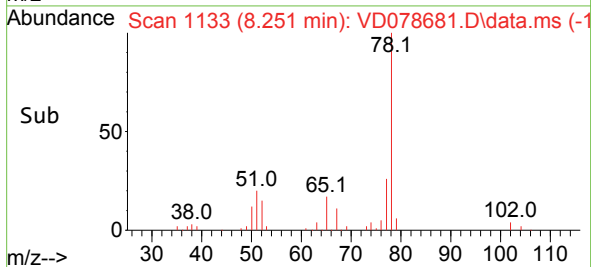
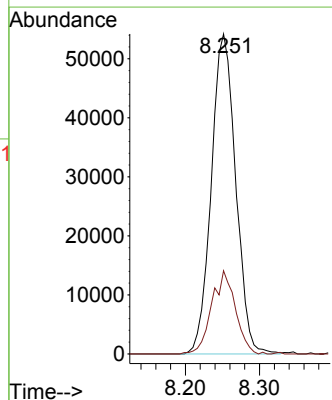
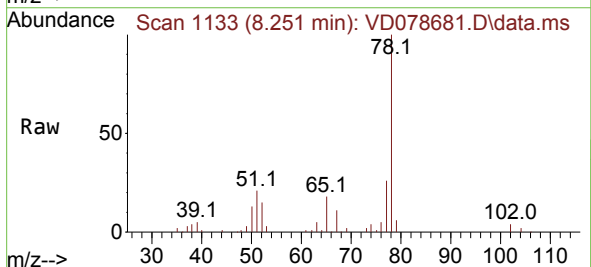
Acq: 15 Mar 2024 11:50

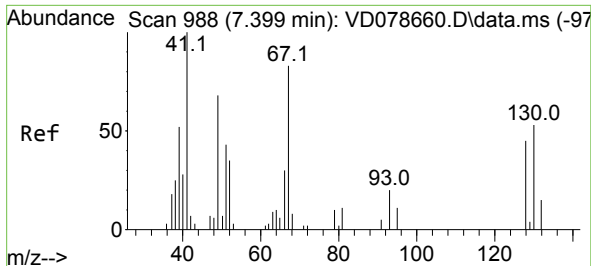
Tgt Ion: 78 Resp: 123887

Ion Ratio Lower Upper

78 100

77 26.0 20.4 30.6

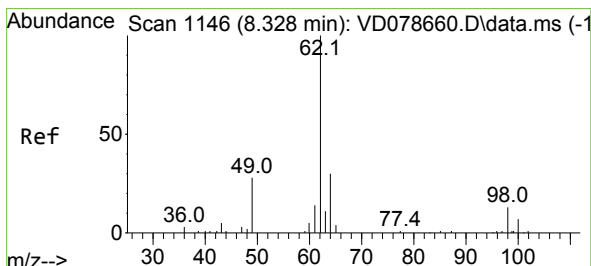
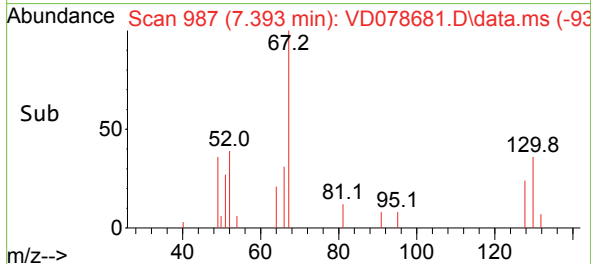
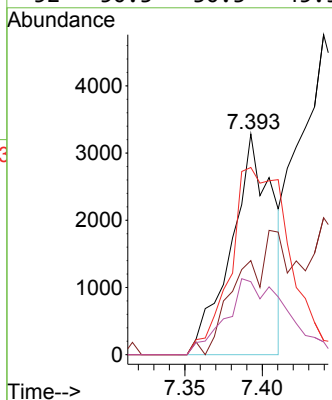
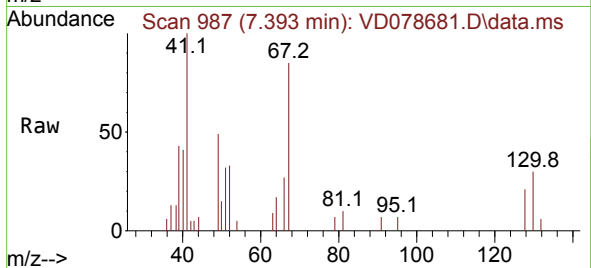




#41
Methacrylonitrile
Concen: 18.452 ug/l
RT: 7.393 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD078681.D
Acq: 15 Mar 2024 11:50

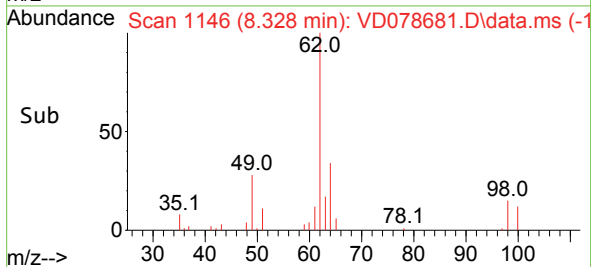
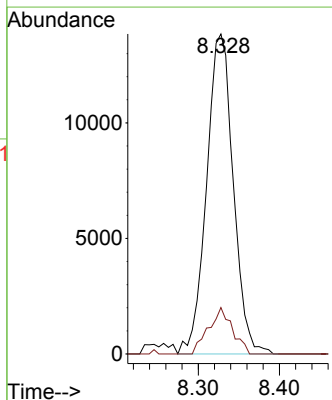
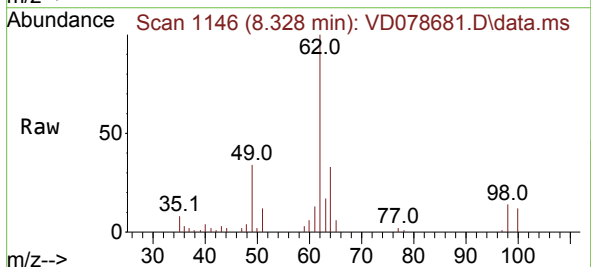
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBSD01

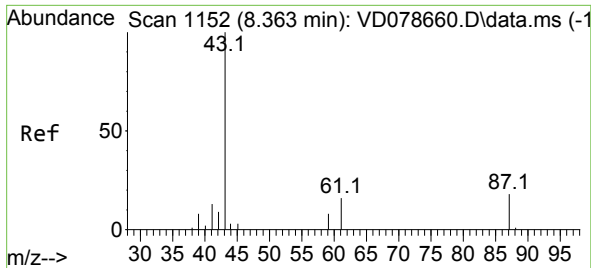
Tgt Ion:	41	Resp:	6056
Ion	Ratio	Lower	Upper
41	100		
39	78.1	39.8	59.6#
67	122.6	83.5	125.3
52	50.3	30.3	45.5#



#42
1,2-Dichloroethane
Concen: 22.385 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD078681.D
Acq: 15 Mar 2024 11:50

Tgt Ion:	62	Resp:	31636
Ion	Ratio	Lower	Upper
62	100		
98	12.9	0.0	23.8

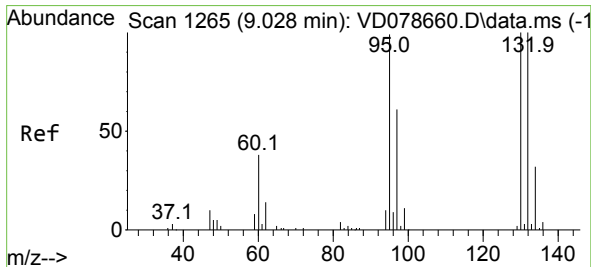
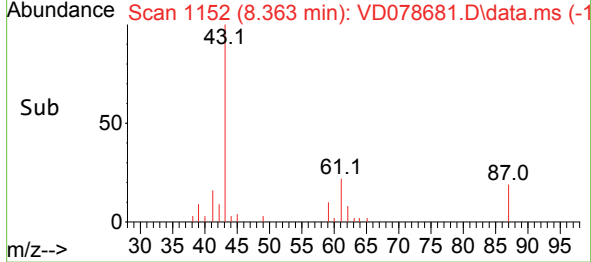
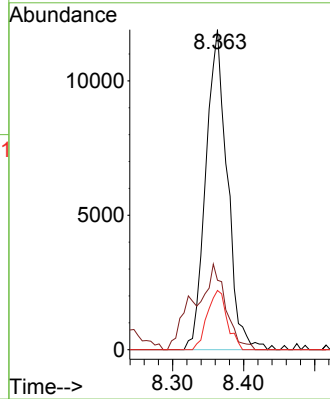
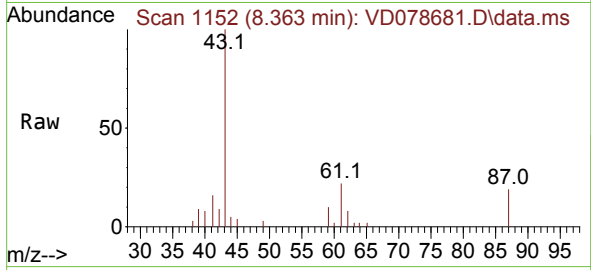




#43
Isopropyl Acetate
Concen: 21.960 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. -0.000 min
Lab File: VD078681.D
Acq: 15 Mar 2024 11:50

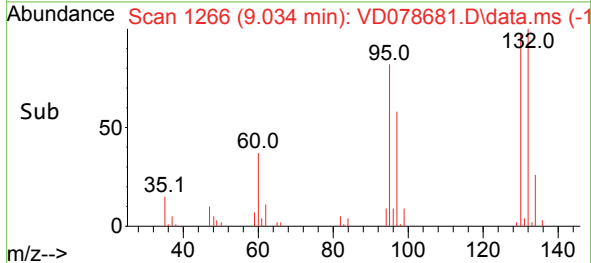
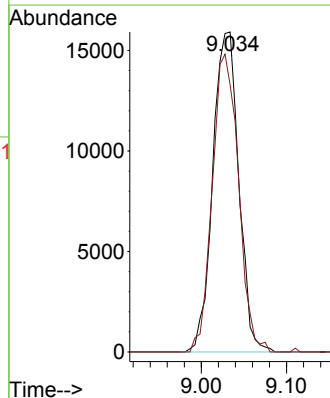
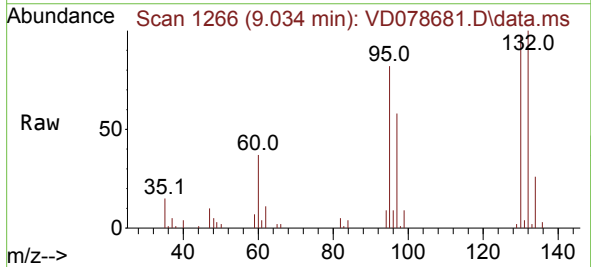
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBSD01

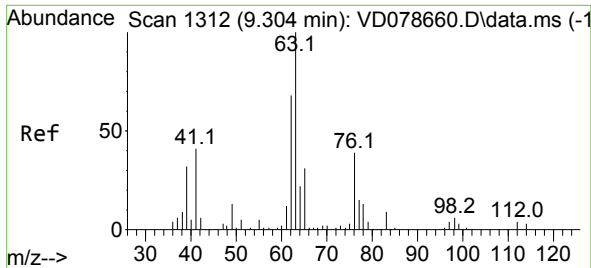
Tgt Ion: 43 Resp: 25012
Ion Ratio Lower Upper
43 100
61 26.5 30.1 45.1#
87 17.2 14.4 21.6



#44
Trichloroethene
Concen: 21.431 ug/l
RT: 9.034 min Scan# 1266
Delta R.T. 0.006 min
Lab File: VD078681.D
Acq: 15 Mar 2024 11:50

Tgt Ion:130 Resp: 33704
Ion Ratio Lower Upper
130 100
95 83.4 0.0 197.8

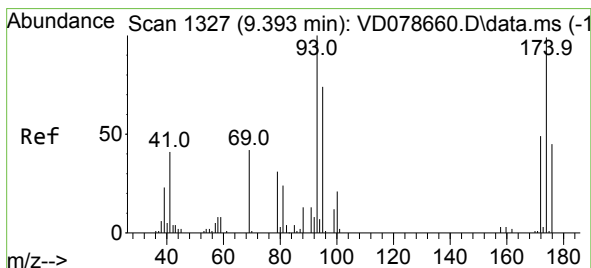
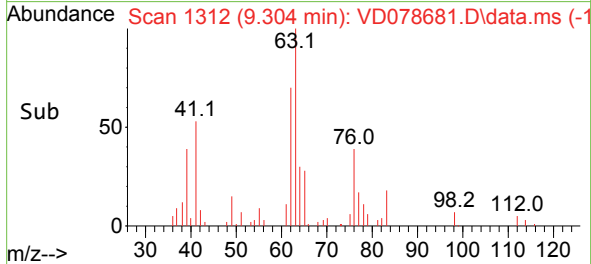
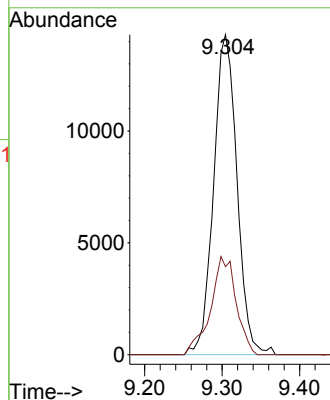
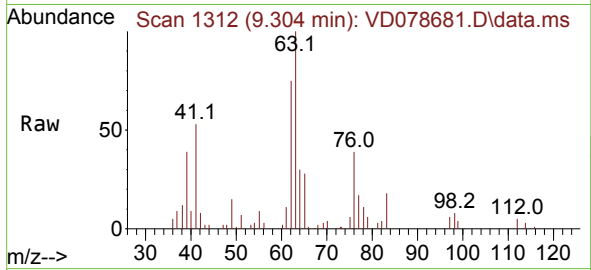




#45
1,2-Dichloropropane
Concen: 21.859 ug/l
RT: 9.304 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078681.D
Acq: 15 Mar 2024 11:50

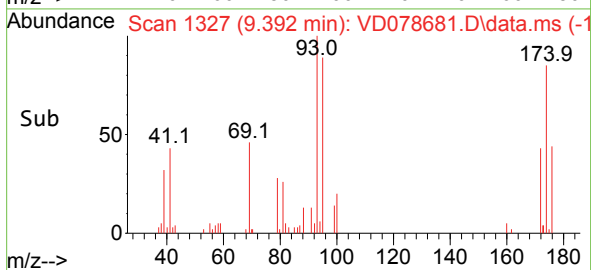
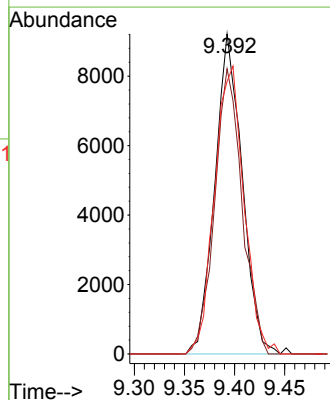
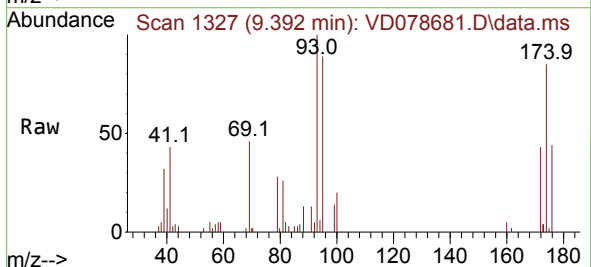
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBSD01

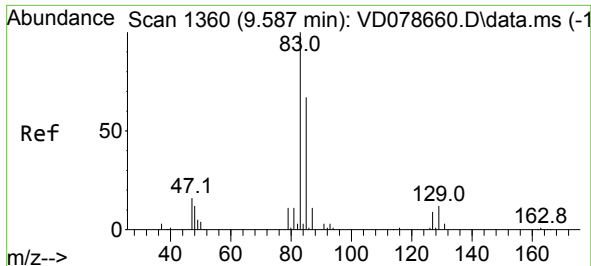
Tgt Ion: 63 Resp: 30050
Ion Ratio Lower Upper
63 100
65 27.5 24.8 37.2



#46
Dibromomethane
Concen: 21.238 ug/l
RT: 9.392 min Scan# 1327
Delta R.T. -0.000 min
Lab File: VD078681.D
Acq: 15 Mar 2024 11:50

Tgt Ion: 93 Resp: 17502
Ion Ratio Lower Upper
93 100
95 89.7 67.3 100.9
174 97.0 80.9 121.3

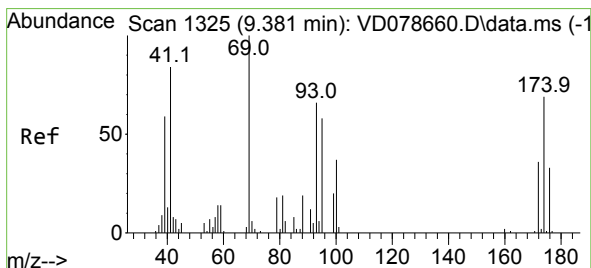
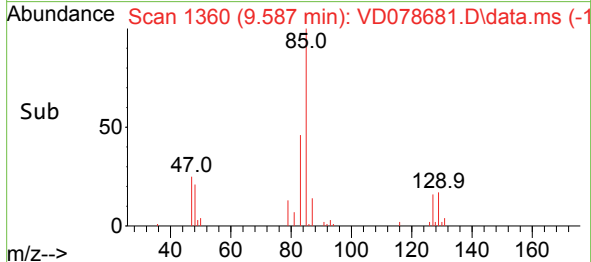
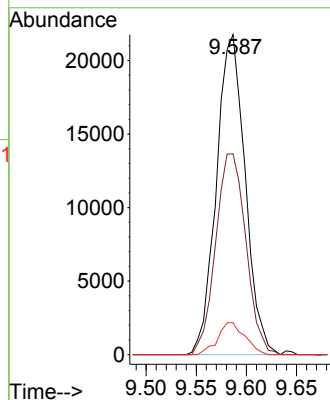
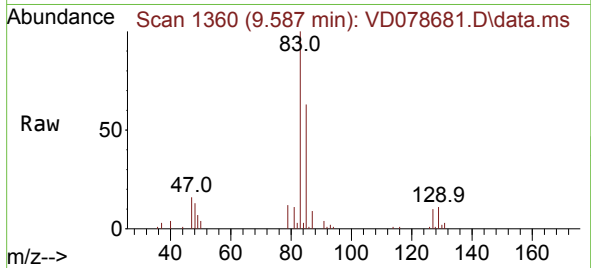




#47
Bromodichloromethane
Concen: 22.092 ug/l
RT: 9.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078681.D
Acq: 15 Mar 2024 11:50

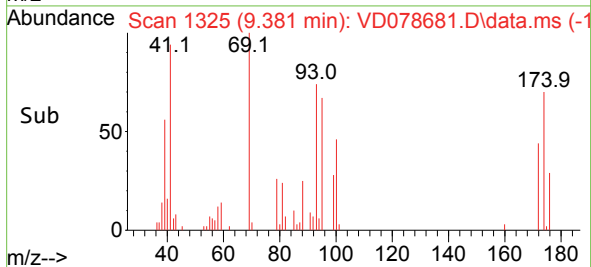
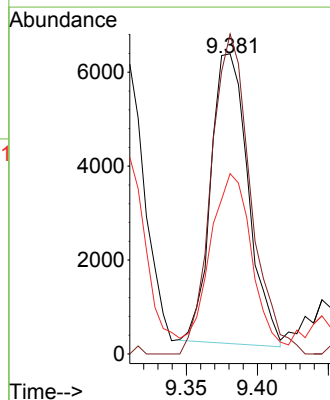
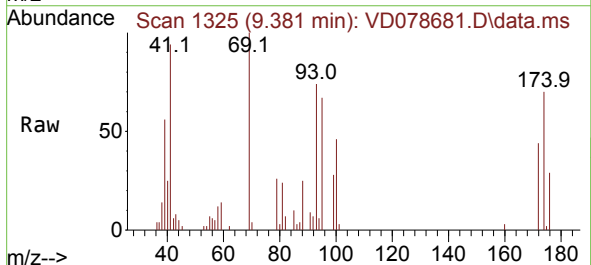
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBSD01

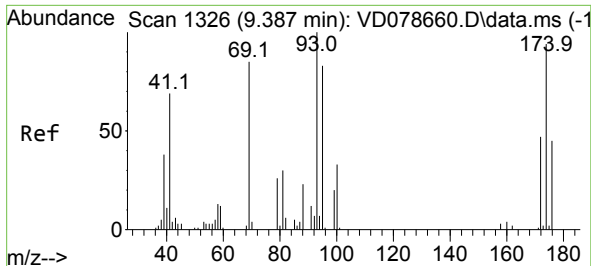
Tgt Ion: 83 Resp: 43339
Ion Ratio Lower Upper
83 100
85 62.8 54.0 81.0
127 10.0 7.1 10.7



#48
Methyl methacrylate
Concen: 20.331 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD078681.D
Acq: 15 Mar 2024 11:50

Tgt Ion: 41 Resp: 11283
Ion Ratio Lower Upper
41 100
69 116.8 88.3 132.5
39 71.0 46.6 69.8#





#49

1,4-Dioxane

Concen: 407.073 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.006 min

Lab File: VD078681.D

Acq: 15 Mar 2024 11:50

Instrument :

MSVOA_D

ClientSampleId :

VD0315SBSD01

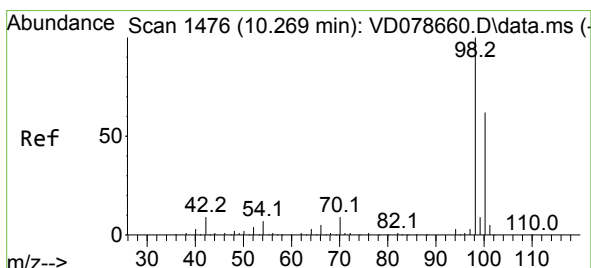
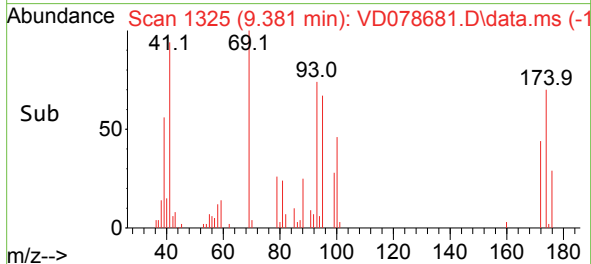
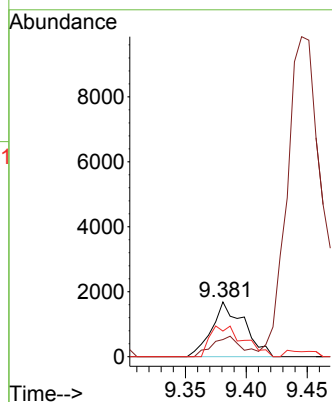
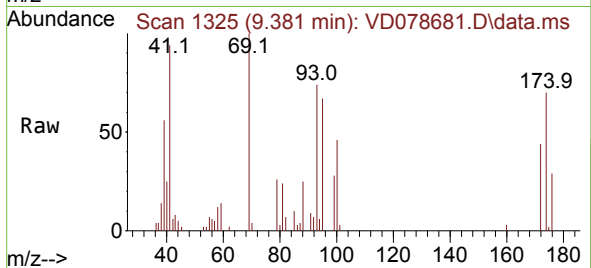
Tgt Ion: 88 Resp: 3106

Ion Ratio Lower Upper

88 100

43 34.9 23.2 34.8#

58 58.6 51.0 76.6



#50

Toluene-d8

Concen: 49.399 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD078681.D

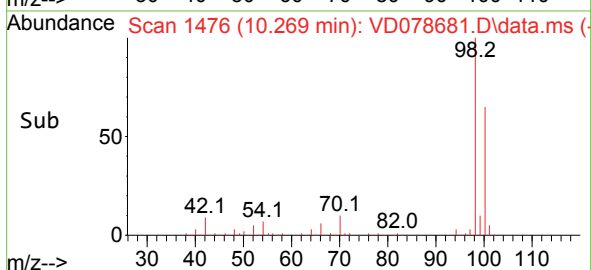
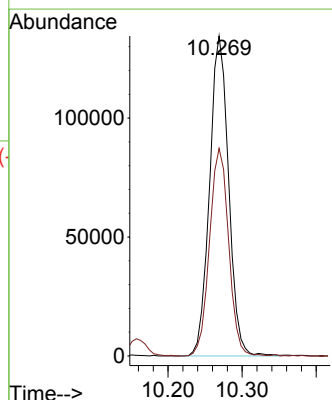
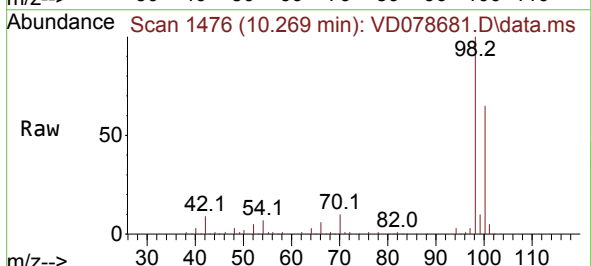
Acq: 15 Mar 2024 11:50

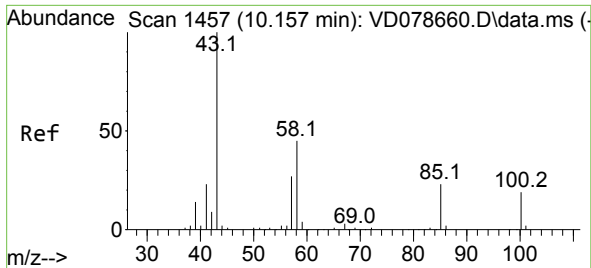
Tgt Ion: 98 Resp: 240046

Ion Ratio Lower Upper

98 100

100 65.0 50.5 75.7

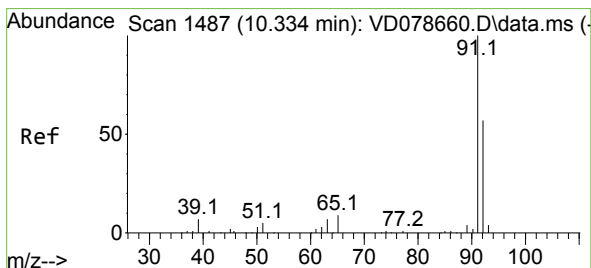
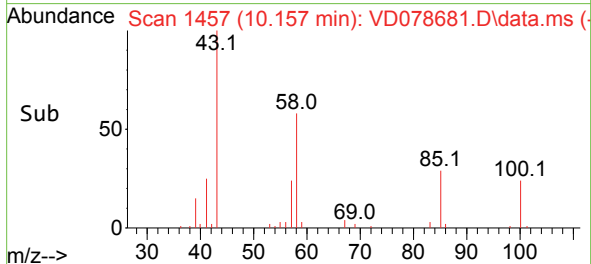
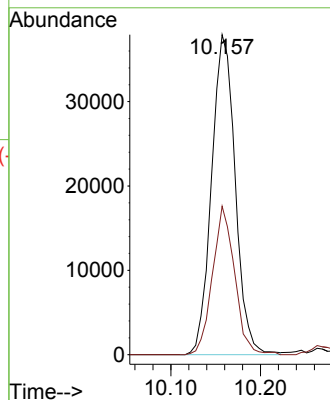
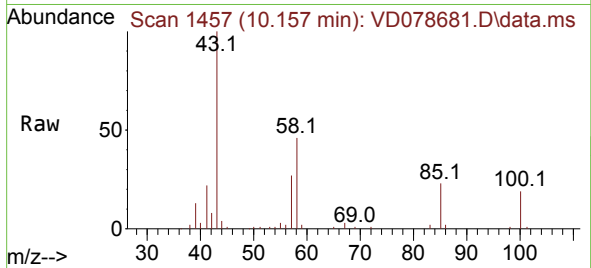




#51
4-Methyl-2-Pentanone
Concen: 116.643 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD078681.D
Acq: 15 Mar 2024 11:50

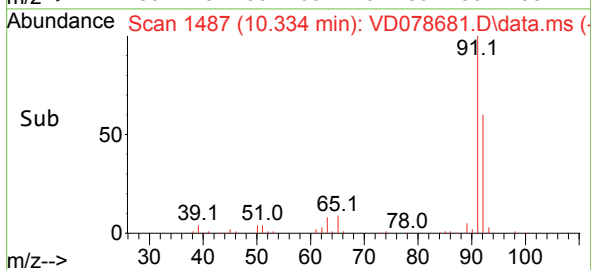
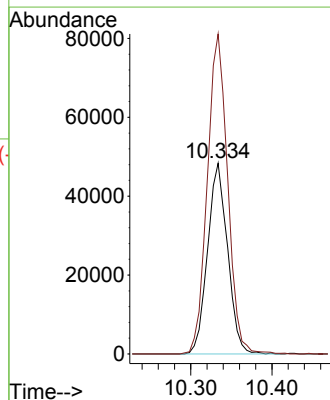
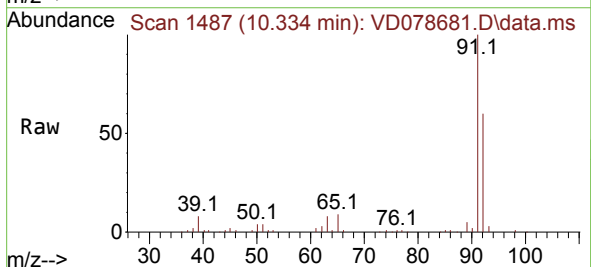
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBSD01

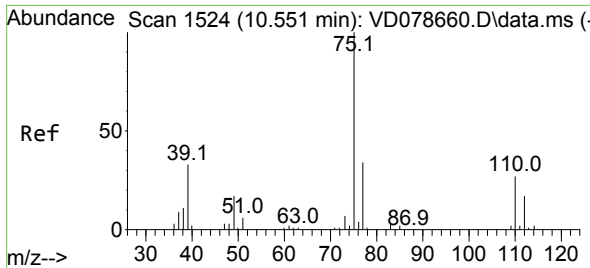
Tgt Ion: 43 Resp: 69455
Ion Ratio Lower Upper
43 100
58 43.5 36.4 54.6



#52
Toluene
Concen: 22.147 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD078681.D
Acq: 15 Mar 2024 11:50

Tgt Ion: 92 Resp: 82629
Ion Ratio Lower Upper
92 100
91 170.8 136.6 205.0

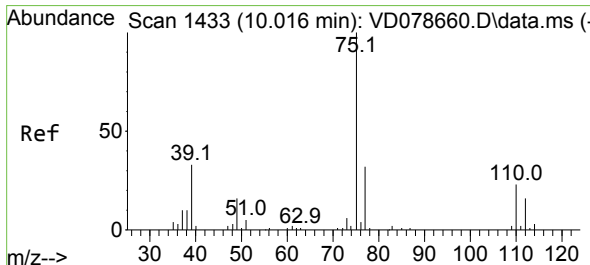
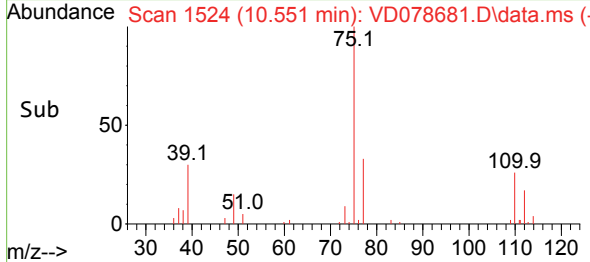
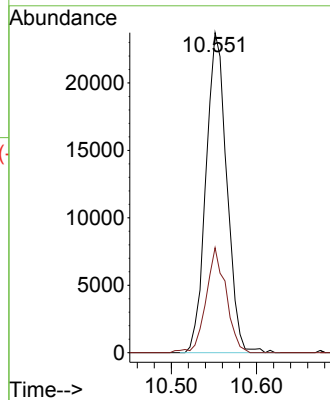
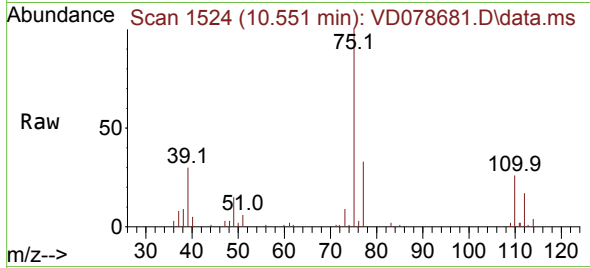




#53
 t-1,3-Dichloropropene
 Concen: 22.436 ug/l
 RT: 10.551 min Scan# 1524
 Delta R.T. -0.000 min
 Lab File: VD078681.D
 Acq: 15 Mar 2024 11:50

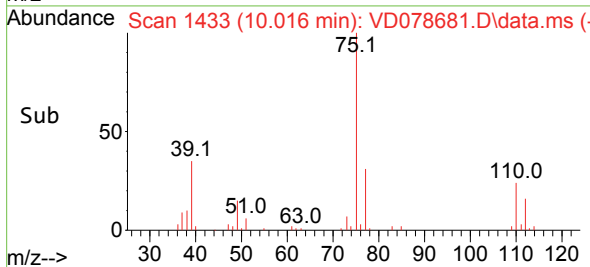
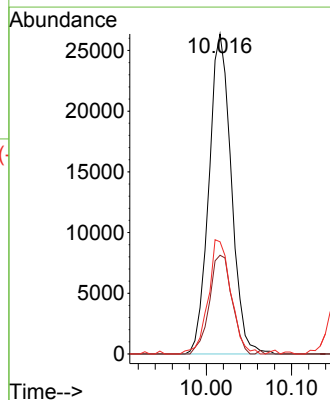
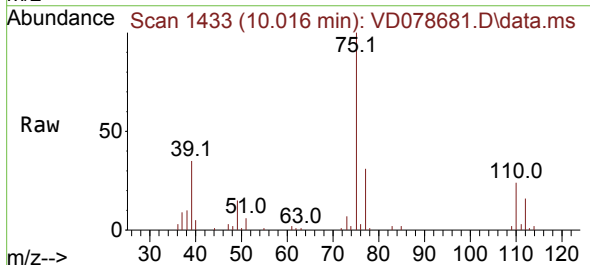
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0315SBS01

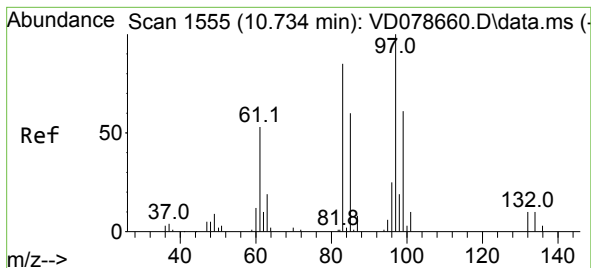
Tgt Ion: 75 Resp: 40243
 Ion Ratio Lower Upper
 75 100
 77 32.8 27.1 40.7



#54
 cis-1,3-Dichloropropene
 Concen: 22.262 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD078681.D
 Acq: 15 Mar 2024 11:50

Tgt Ion: 75 Resp: 48003
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.4 38.0
 39 35.0 26.7 40.1





#55

1,1,2-Trichloroethane

Concen: 22.669 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VD078681.D

Acq: 15 Mar 2024 11:50

Instrument :

MSVOA_D

ClientSampleId :

VD0315SBSD01

Tgt Ion: 97 Resp: 25016

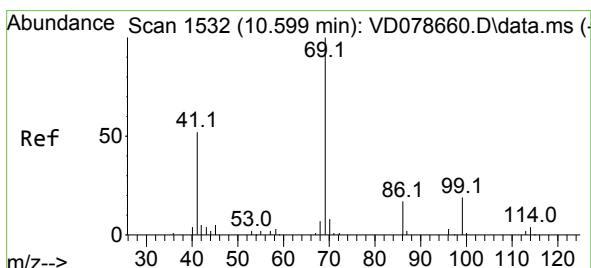
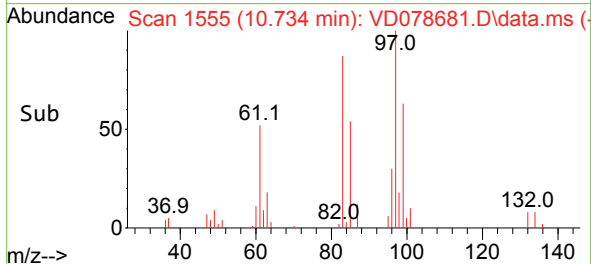
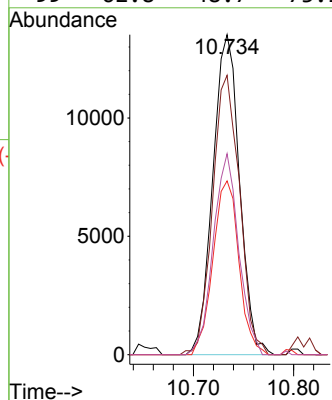
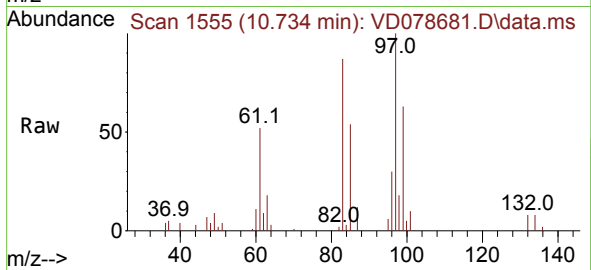
Ion Ratio Lower Upper

97 100

83 87.3 68.1 102.1

85 54.3 48.2 72.2

99 62.8 48.7 73.1



#56

Ethyl methacrylate

Concen: 22.734 ug/l

RT: 10.598 min Scan# 1532

Delta R.T. -0.000 min

Lab File: VD078681.D

Acq: 15 Mar 2024 11:50

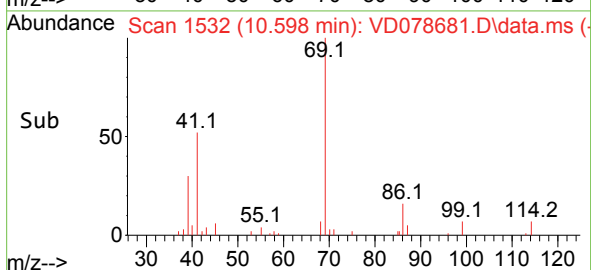
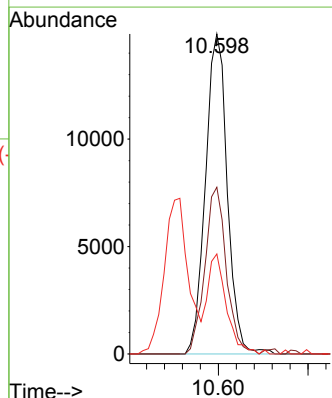
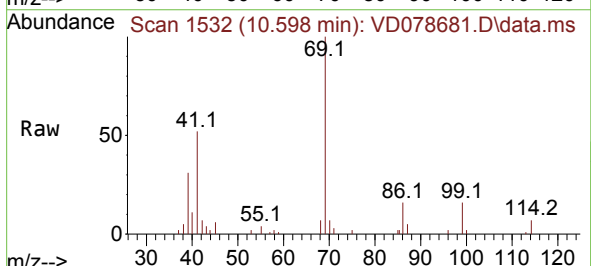
Tgt Ion: 69 Resp: 25150

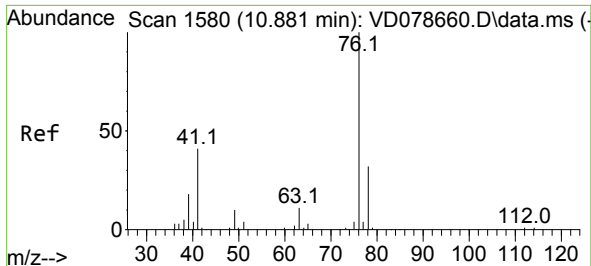
Ion Ratio Lower Upper

69 100

41 51.3 40.9 61.3

39 27.2 25.5 38.3





#57

1,3-Dichloropropane

Concen: 22.206 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD078681.D

Acq: 15 Mar 2024 11:50

Instrument :

MSVOA_D

ClientSampleId :

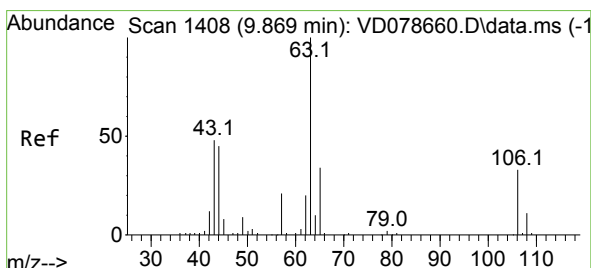
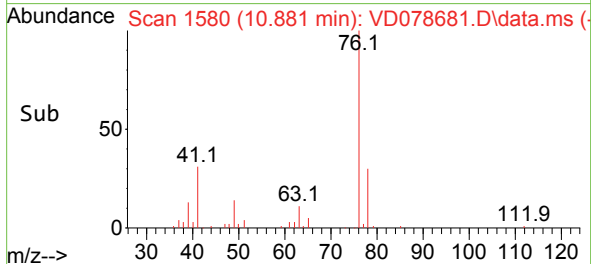
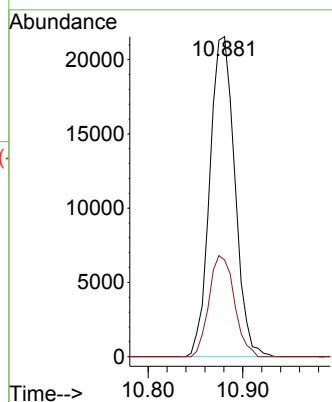
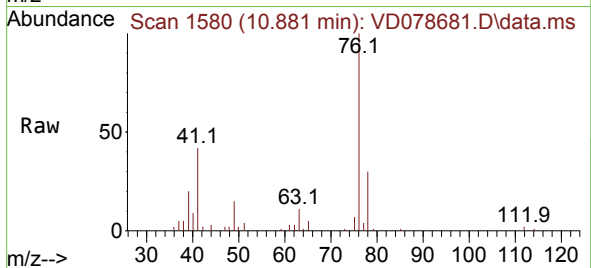
VD0315SBSD01

Tgt Ion: 76 Resp: 39542

Ion Ratio Lower Upper

76 100

78 32.0 26.8 40.2



#58

2-Chloroethyl Vinyl ether

Concen: 108.866 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD078681.D

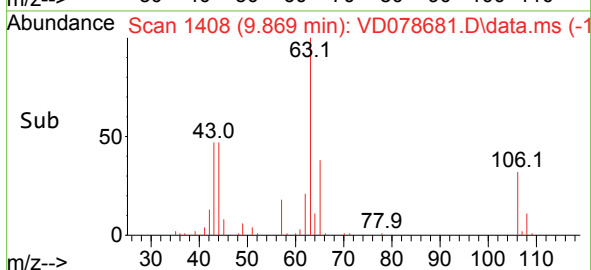
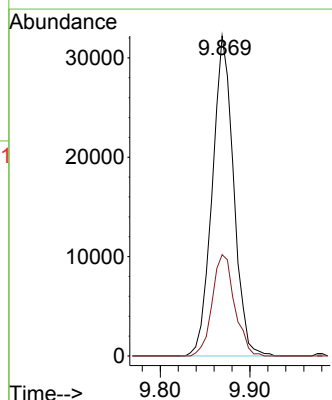
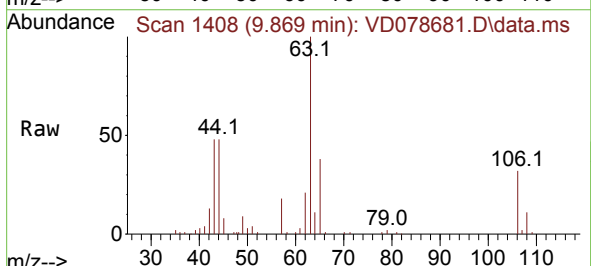
Acq: 15 Mar 2024 11:50

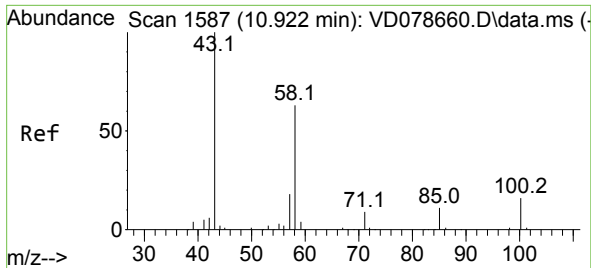
Tgt Ion: 63 Resp: 53105

Ion Ratio Lower Upper

63 100

106 33.3 25.2 37.8

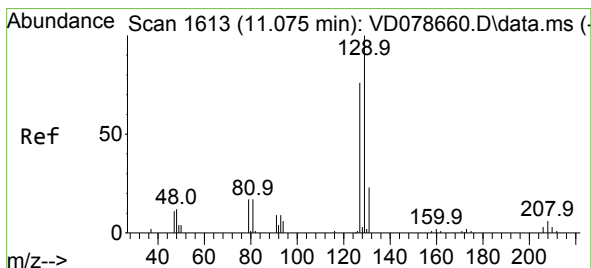
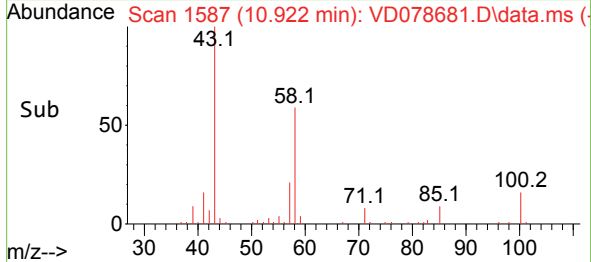
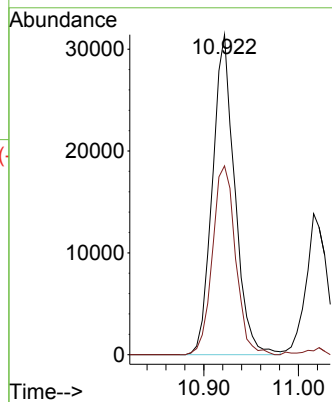
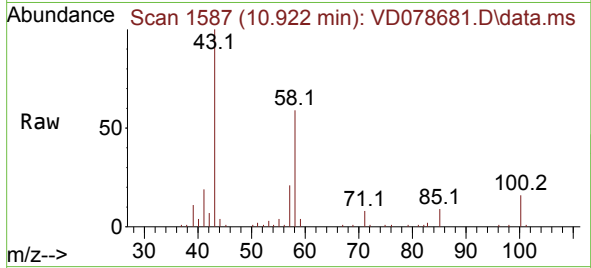




#59
2-Hexanone
Concen: 116.481 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD078681.D
Acq: 15 Mar 2024 11:50

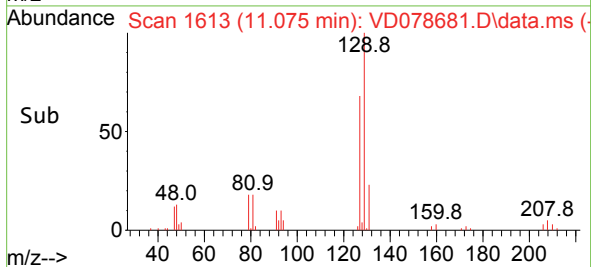
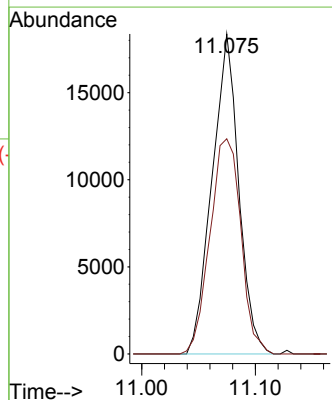
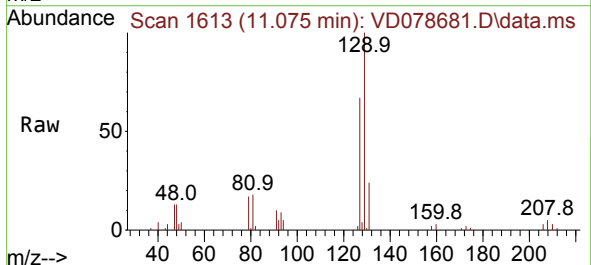
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBSD01

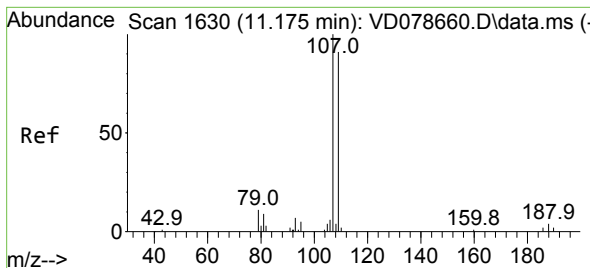
Tgt Ion: 43 Resp: 51416
Ion Ratio Lower Upper
43 100
58 61.2 31.5 94.5



#60
Dibromochloromethane
Concen: 22.021 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD078681.D
Acq: 15 Mar 2024 11:50

Tgt Ion: 129 Resp: 29969
Ion Ratio Lower Upper
129 100
127 78.0 38.8 116.3





#61

1,2-Dibromoethane

Concen: 21.226 ug/l

RT: 11.181 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD078681.D

Acq: 15 Mar 2024 11:50

Instrument :

MSVOA_D

ClientSampleId :

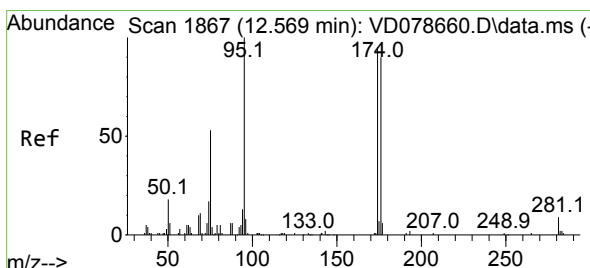
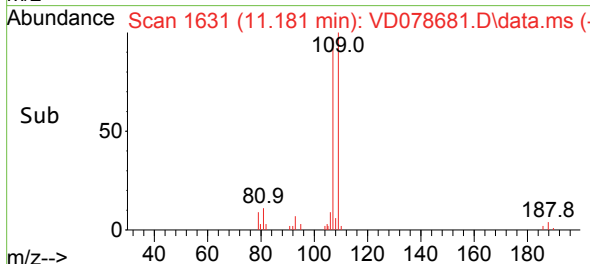
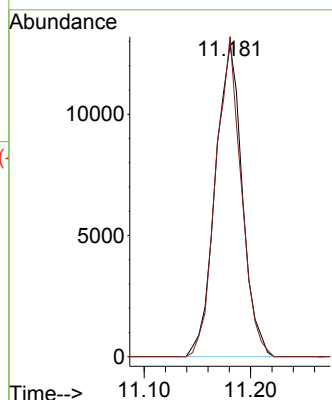
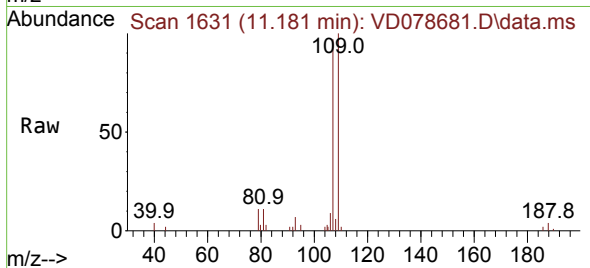
VD0315SBSD01

Tgt Ion:107 Resp: 22669

Ion Ratio Lower Upper

107 100

109 96.7 74.8 112.2



#62

4-Bromofluorobenzene

Concen: 49.458 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. 0.006 min

Lab File: VD078681.D

Acq: 15 Mar 2024 11:50

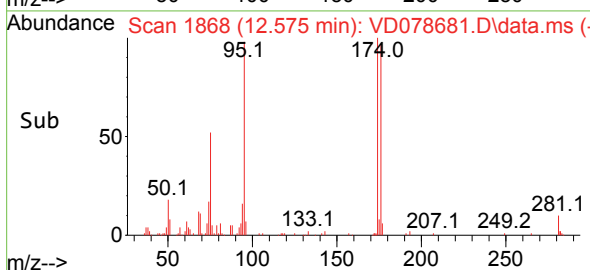
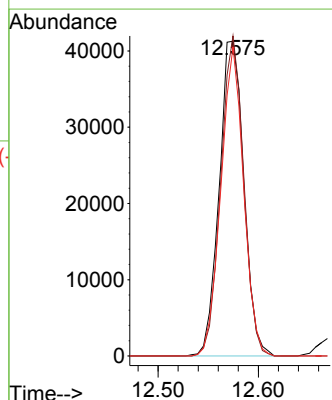
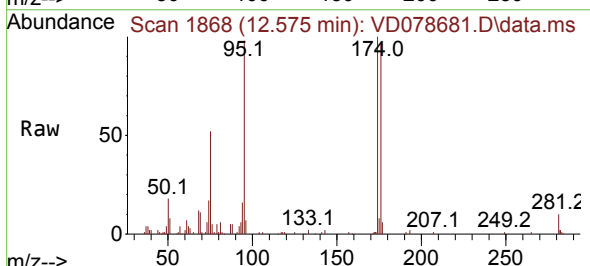
Tgt Ion: 95 Resp: 70310

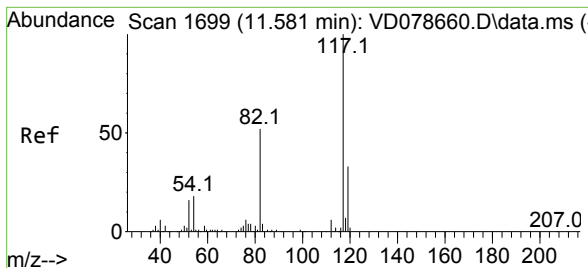
Ion Ratio Lower Upper

95 100

174 94.8 0.0 195.2

176 90.7 0.0 188.2

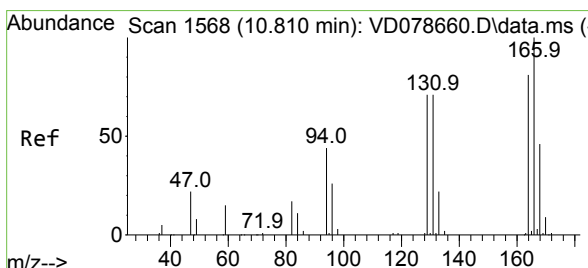
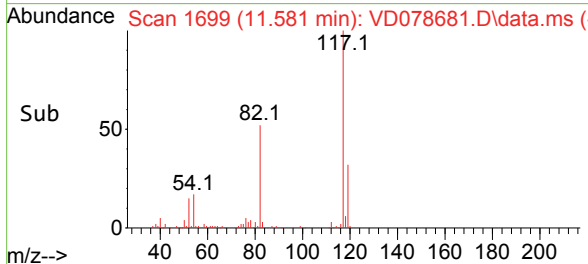
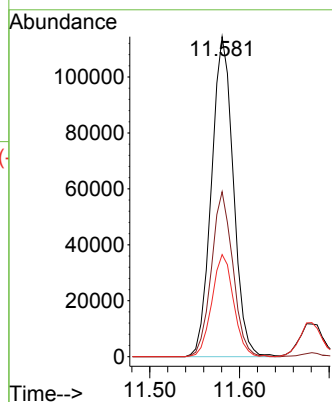
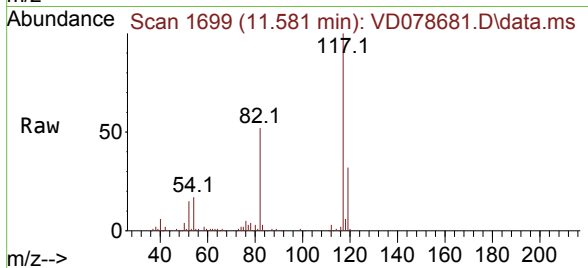




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD078681.D
Acq: 15 Mar 2024 11:50

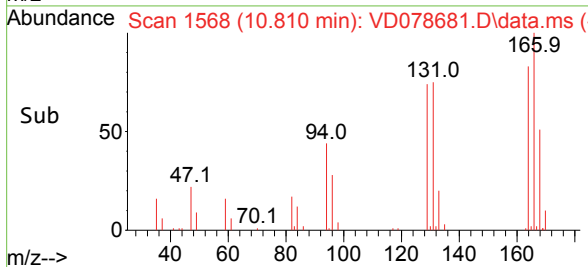
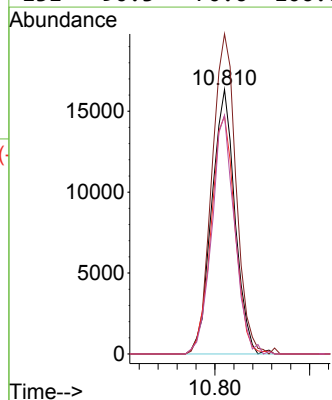
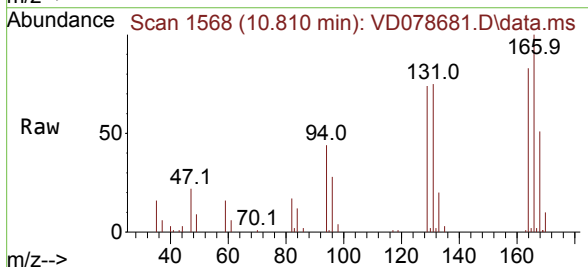
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01

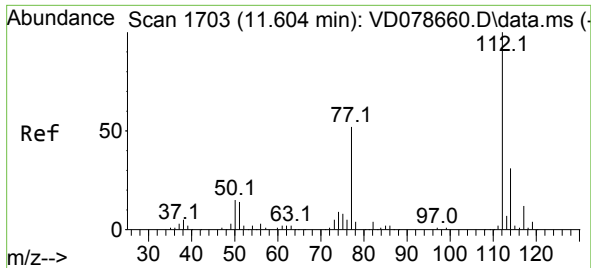
Tgt Ion:117 Resp: 193567
Ion Ratio Lower Upper
117 100
82 51.6 41.4 62.2
119 31.9 26.5 39.7



#64
Tetrachloroethene
Concen: 21.786 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD078681.D
Acq: 15 Mar 2024 11:50

Tgt Ion:164 Resp: 27907
Ion Ratio Lower Upper
164 100
166 121.0 98.9 148.3
129 90.0 70.3 105.5
131 90.3 70.6 106.0

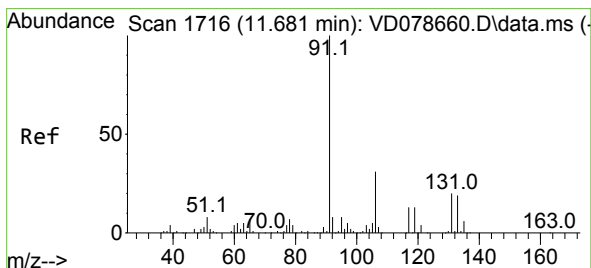
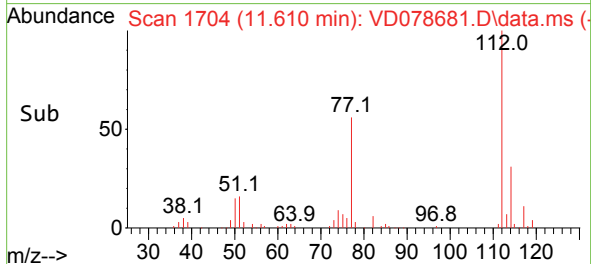
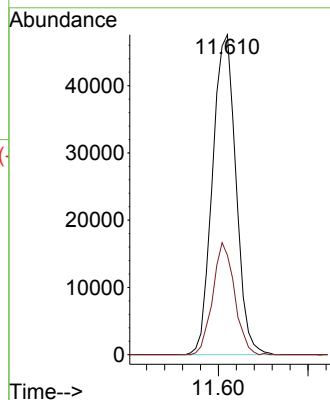
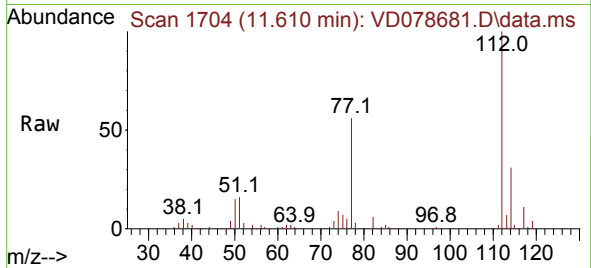




#65
Chlorobenzene
Concen: 21.320 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VD078681.D
Acq: 15 Mar 2024 11:50

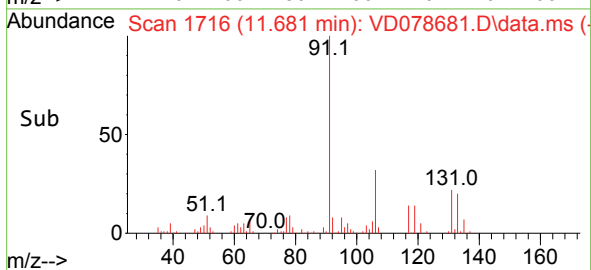
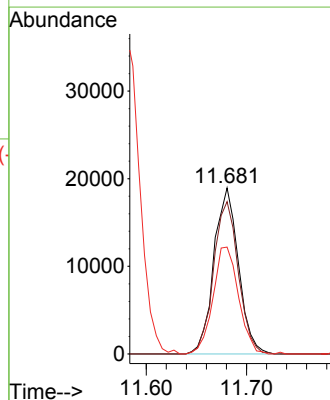
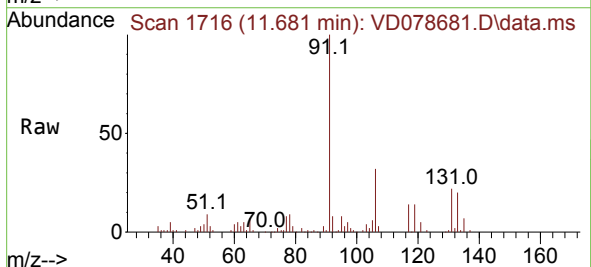
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBSD01

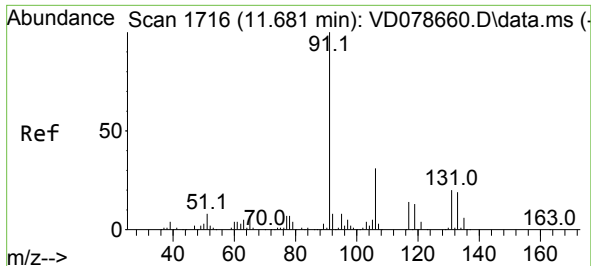
Tgt Ion:112 Resp: 86239
Ion Ratio Lower Upper
112 100
114 31.1 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 21.828 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD078681.D
Acq: 15 Mar 2024 11:50

Tgt Ion:131 Resp: 32335
Ion Ratio Lower Upper
131 100
133 92.4 47.6 142.9
119 66.8 34.1 102.3

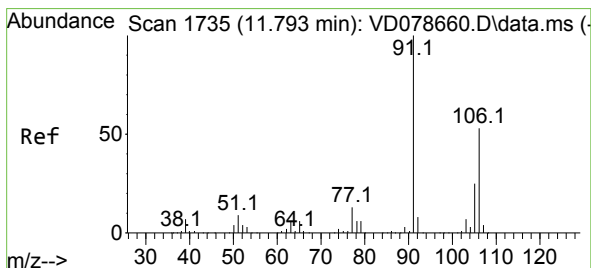
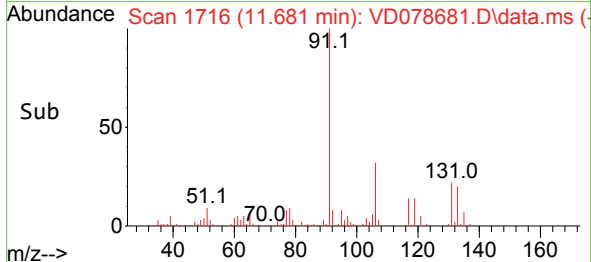
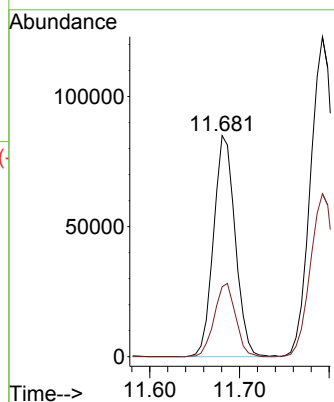
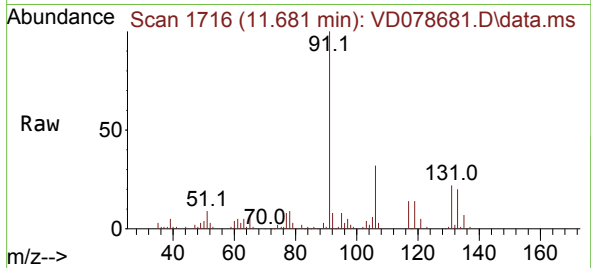




#67
Ethyl Benzene
Concen: 20.642 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD078681.D
Acq: 15 Mar 2024 11:50

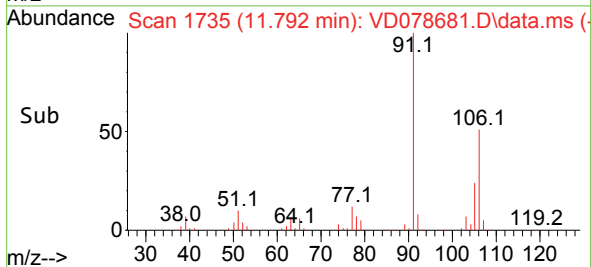
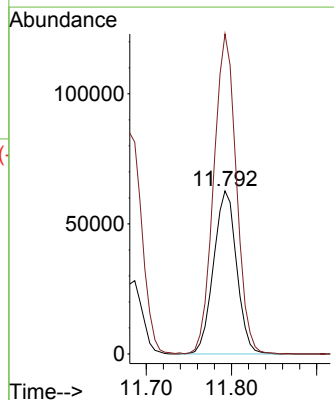
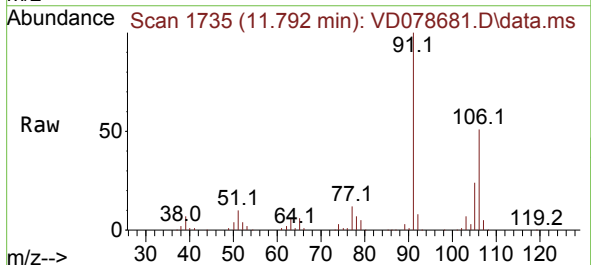
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBSD01

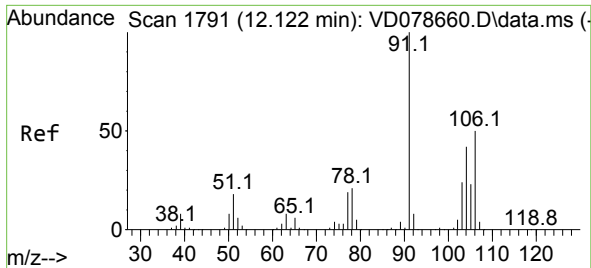
Tgt Ion: 91 Resp: 142282
Ion Ratio Lower Upper
91 100
106 31.6 24.5 36.7



#68
m/p-Xylenes
Concen: 42.097 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD078681.D
Acq: 15 Mar 2024 11:50

Tgt Ion:106 Resp: 117828
Ion Ratio Lower Upper
106 100
91 193.0 154.4 231.6

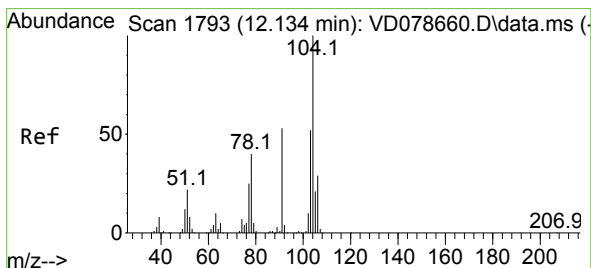
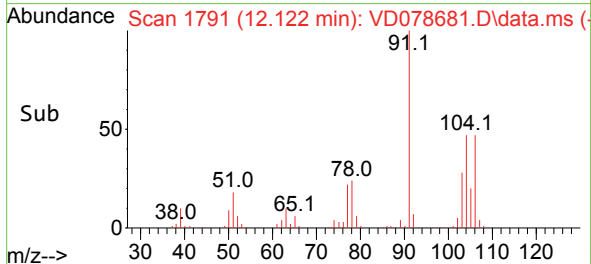
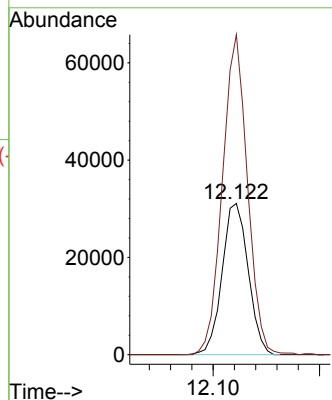
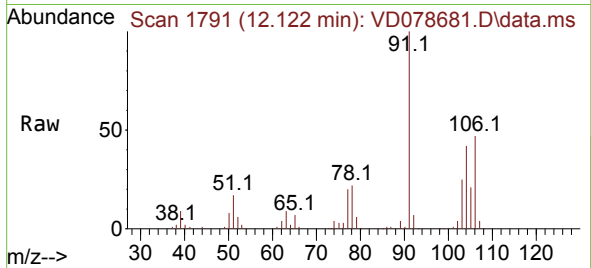




#69
o-Xylene
Concen: 20.423 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD078681.D
Acq: 15 Mar 2024 11:50

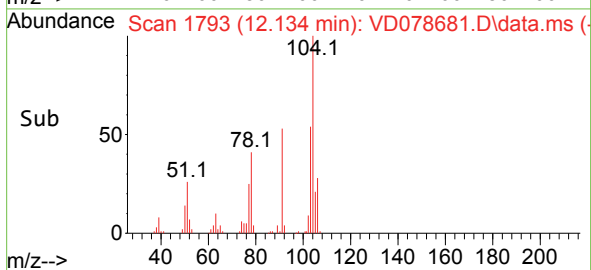
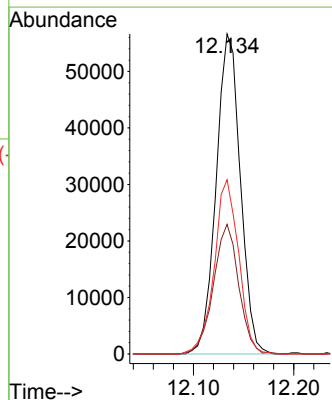
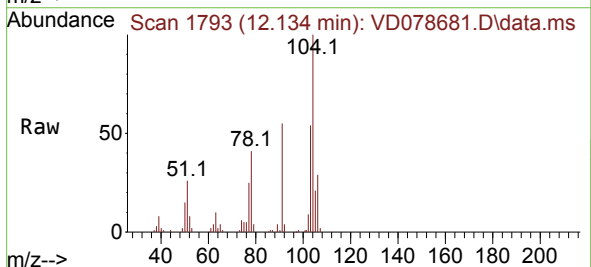
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBSD01

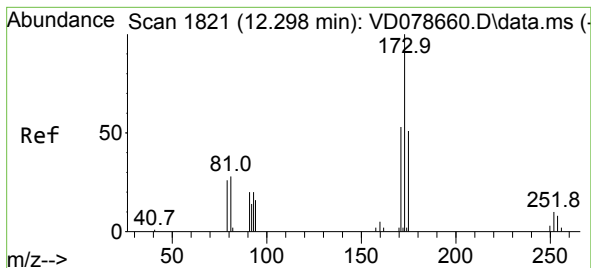
Tgt Ion:106 Resp: 52889
Ion Ratio Lower Upper
106 100
91 202.6 99.6 298.7



#70
Styrene
Concen: 21.830 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD078681.D
Acq: 15 Mar 2024 11:50

Tgt Ion:104 Resp: 94888
Ion Ratio Lower Upper
104 100
78 42.4 34.6 52.0
103 54.8 44.2 66.2





#71

Bromoform

Concen: 22.187 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. -0.000 min

Lab File: VD078681.D

Acq: 15 Mar 2024 11:50

Instrument :

MSVOA_D

ClientSampleId :

VD0315SBSD01

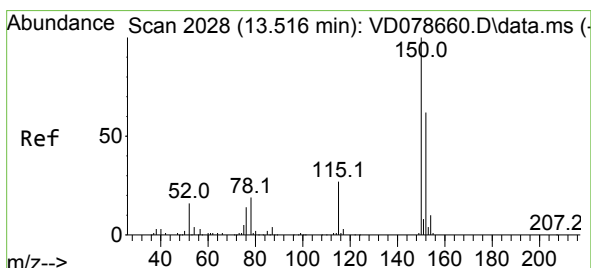
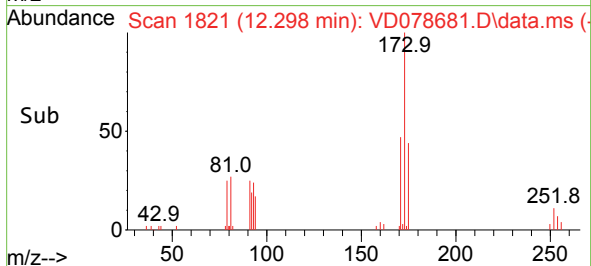
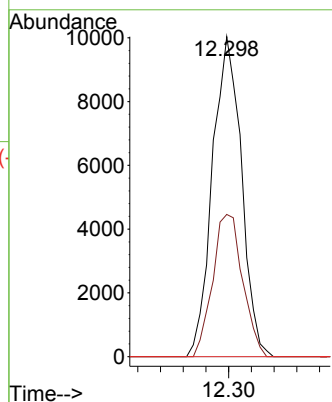
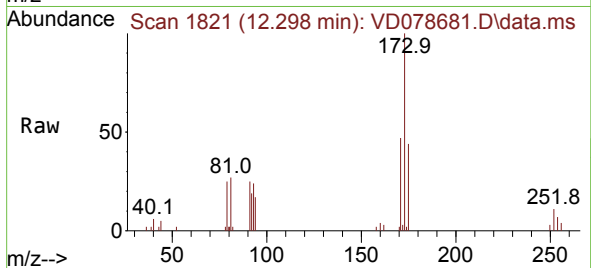
Tgt Ion:173 Resp: 17762

Ion Ratio Lower Upper

173 100

175 46.0 25.8 77.4

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: VD078681.D

Acq: 15 Mar 2024 11:50

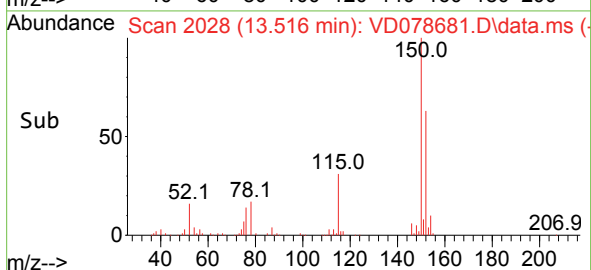
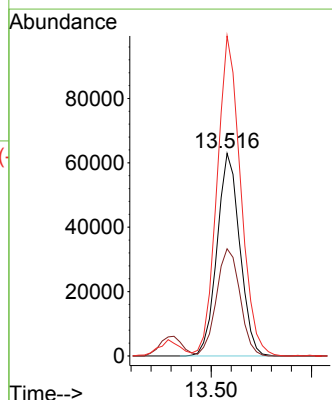
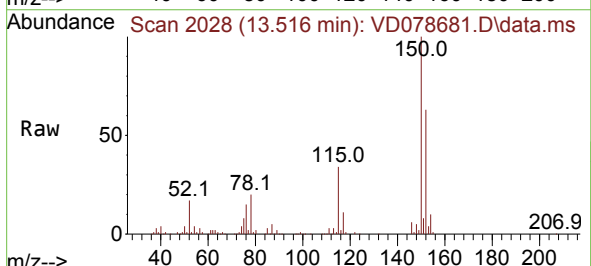
Tgt Ion:152 Resp: 99058

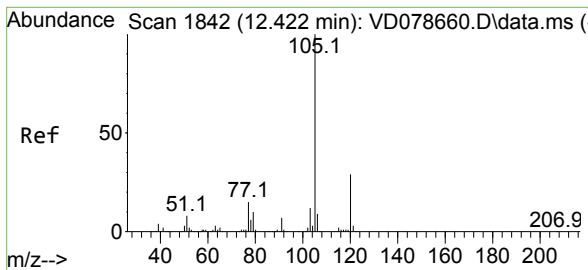
Ion Ratio Lower Upper

152 100

115 54.8 27.1 81.2

150 163.9 0.0 350.2

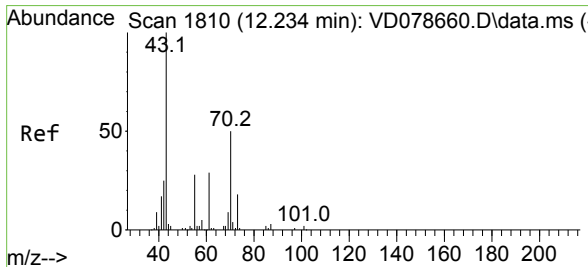
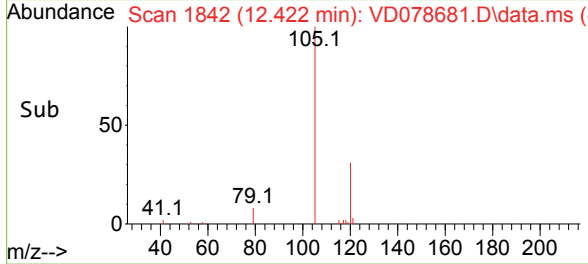
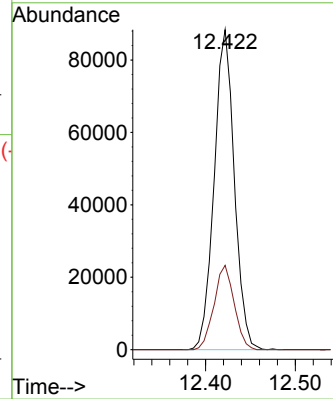
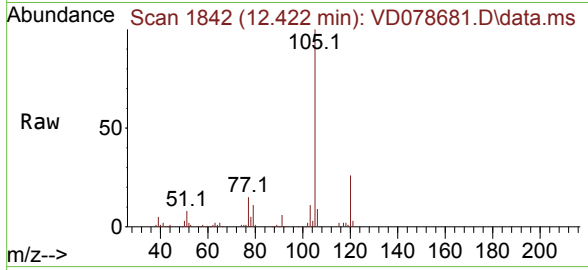




#73
Isopropylbenzene
Concen: 21.118 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD078681.D
Acq: 15 Mar 2024 11:50

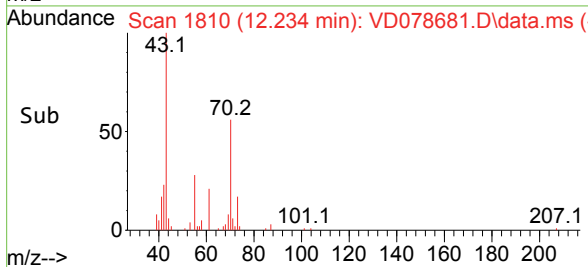
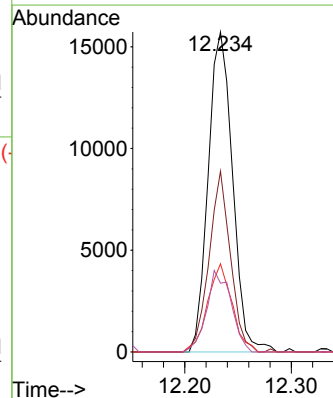
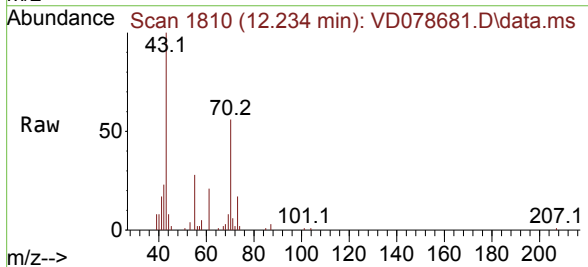
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBSD01

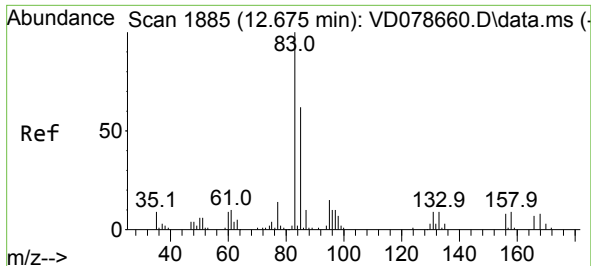
Tgt Ion:105 Resp: 137735
Ion Ratio Lower Upper
105 100
120 26.3 13.7 41.0



#74
N-ethyl acetate
Concen: 23.604 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD078681.D
Acq: 15 Mar 2024 11:50

Tgt Ion: 43 Resp: 24995
Ion Ratio Lower Upper
43 100
70 49.5 42.1 63.1
55 27.7 22.6 33.8
61 25.6 22.6 34.0

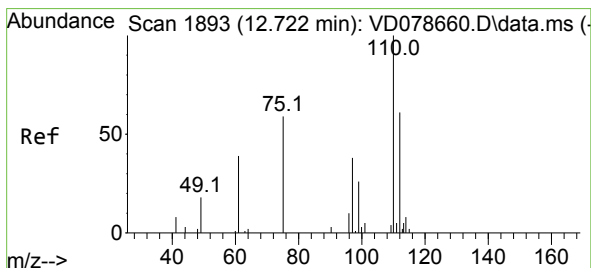
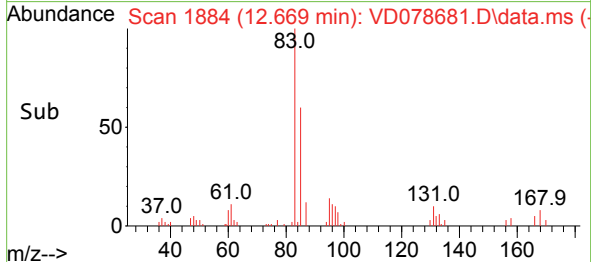
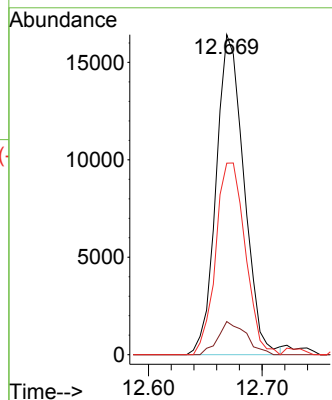
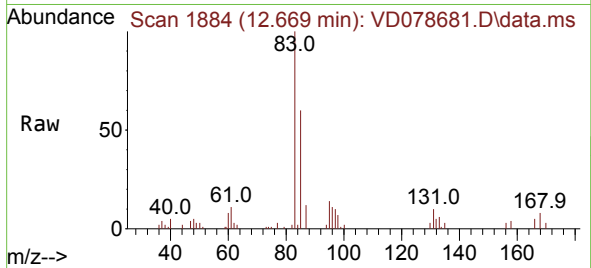




#75
1,1,2,2-Tetrachloroethane
Concen: 23.164 ug/l
RT: 12.669 min Scan# 1884
Delta R.T. -0.006 min
Lab File: VD078681.D
Acq: 15 Mar 2024 11:50

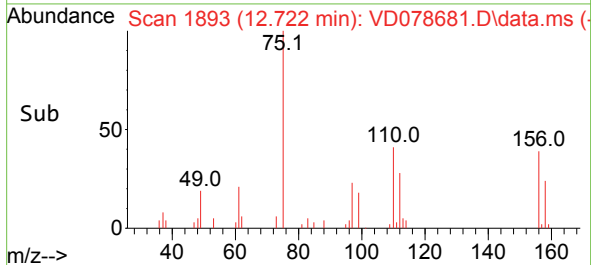
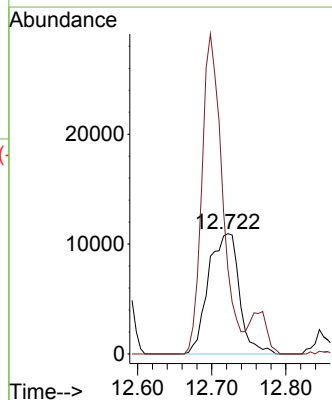
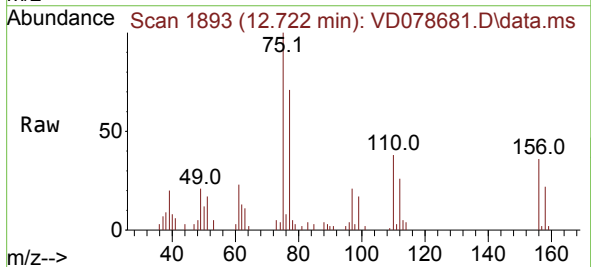
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBSD01

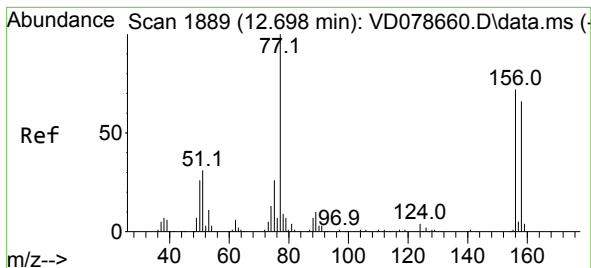
Tgt Ion: 83 Resp: 27967
Ion Ratio Lower Upper
83 100
131 10.5 4.9 14.7
85 63.5 32.2 96.6



#76
1,2,3-Trichloropropane
Concen: 41.491 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VD078681.D
Acq: 15 Mar 2024 11:50

Tgt Ion: 75 Resp: 31665
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.449 ug/l

RT: 12.698 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD078681.D

Acq: 15 Mar 2024 11:50

Instrument :

MSVOA_D

ClientSampleId :

VD0315SBSD01

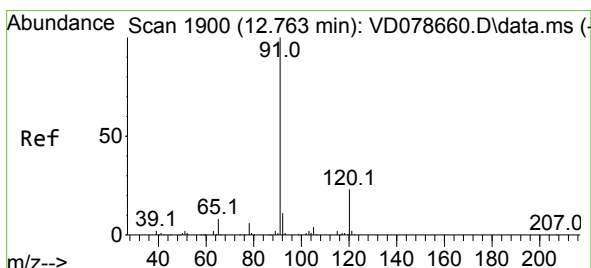
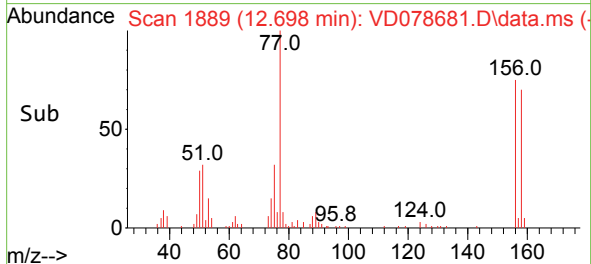
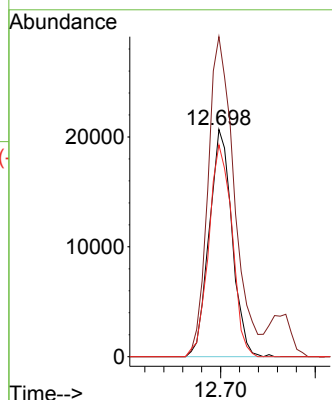
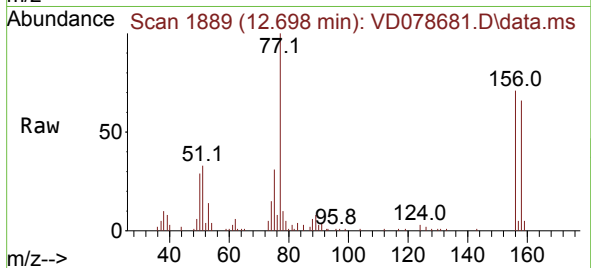
Tgt Ion:156 Resp: 34693

Ion Ratio Lower Upper

156 100

77 160.2 79.1 237.3

158 94.8 47.0 141.0



#78

n-propylbenzene

Concen: 21.618 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. -0.000 min

Lab File: VD078681.D

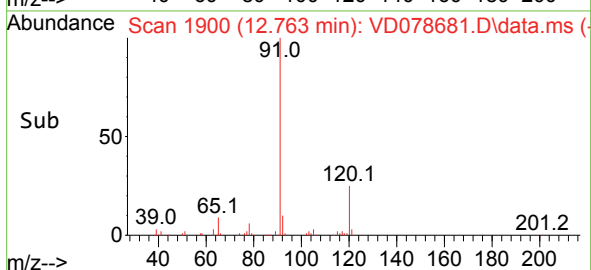
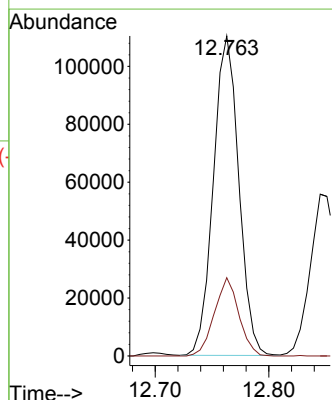
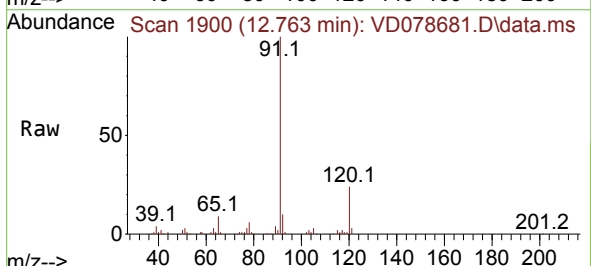
Acq: 15 Mar 2024 11:50

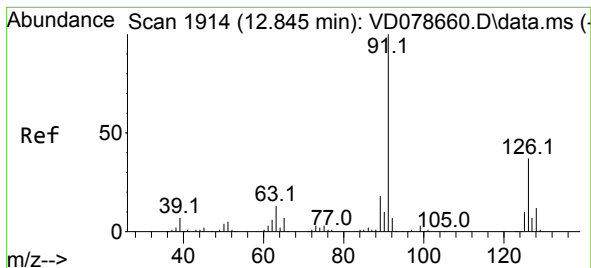
Tgt Ion: 91 Resp: 171618

Ion Ratio Lower Upper

91 100

120 23.5 11.7 35.1





#79

2-Chlorotoluene

Concen: 21.612 ug/l

RT: 12.845 min Scan# 1914

Delta R.T. -0.000 min

Lab File: VD078681.D

Acq: 15 Mar 2024 11:50

Instrument :

MSVOA_D

ClientSampleId :

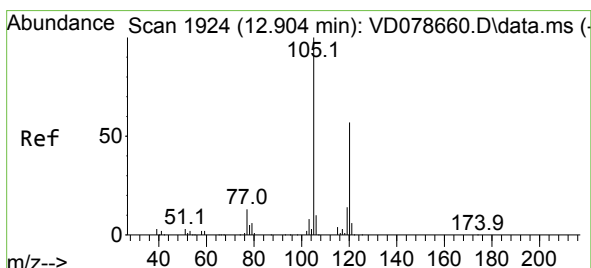
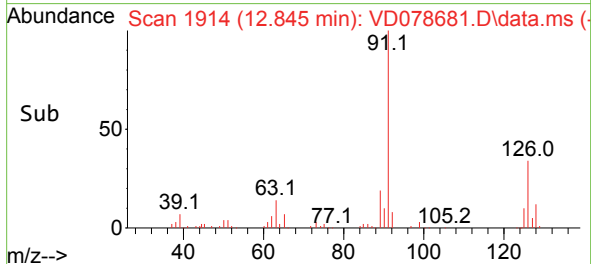
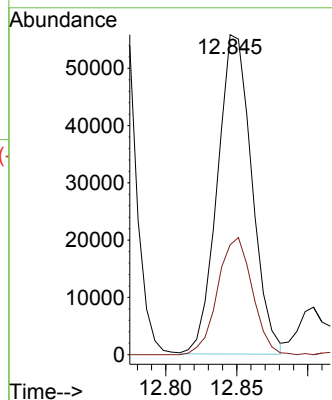
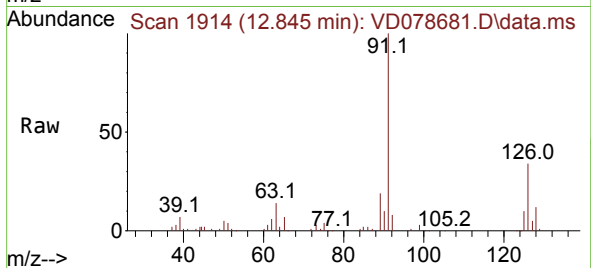
VD0315SBSD01

Tgt Ion: 91 Resp: 94125

Ion Ratio Lower Upper

91 100

126 36.9 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 21.859 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. -0.000 min

Lab File: VD078681.D

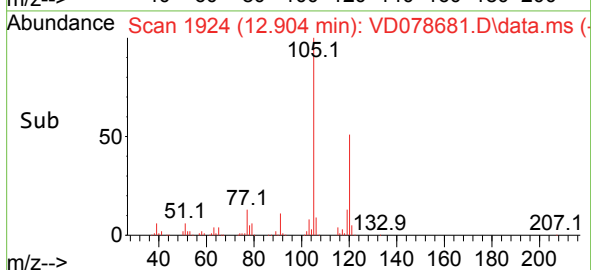
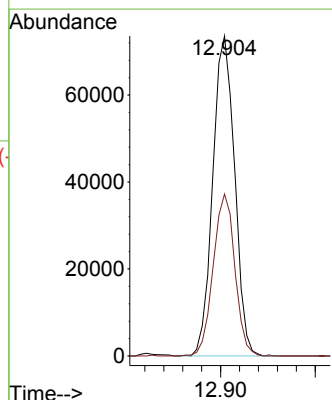
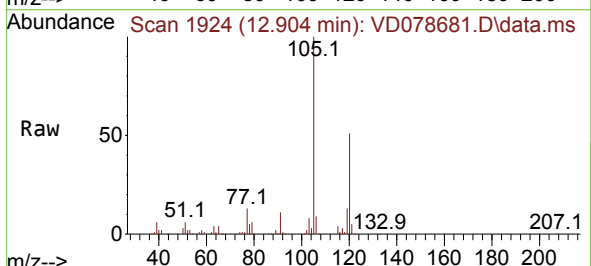
Acq: 15 Mar 2024 11:50

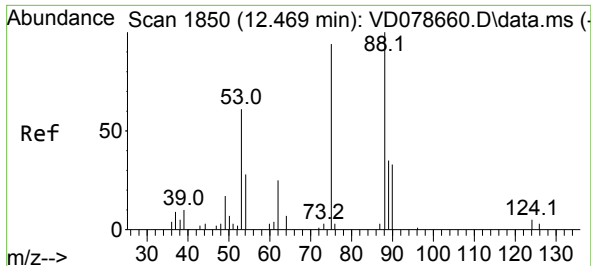
Tgt Ion: 105 Resp: 117892

Ion Ratio Lower Upper

105 100

120 50.2 25.9 77.7

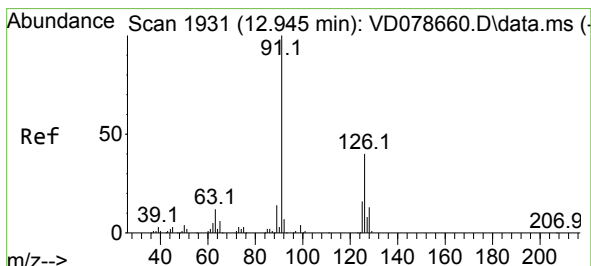
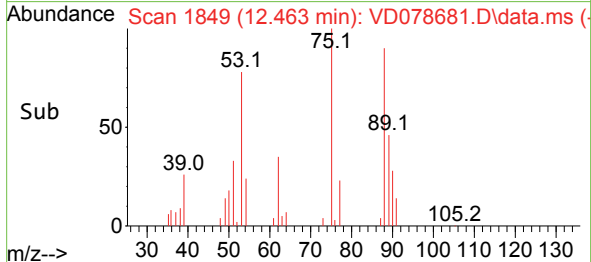
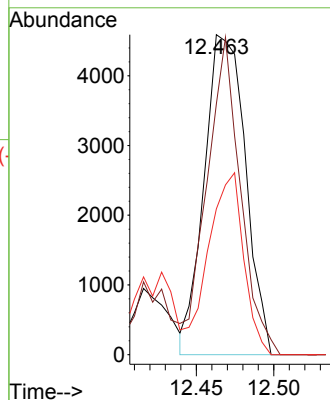
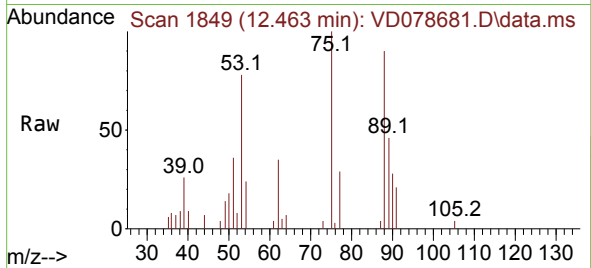




#81
trans-1,4-Dichloro-2-butene
Concen: 23.245 ug/l
RT: 12.463 min Scan# 1849
Delta R.T. -0.006 min
Lab File: VD078681.D
Acq: 15 Mar 2024 11:50

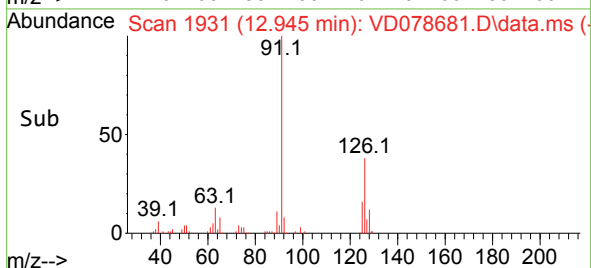
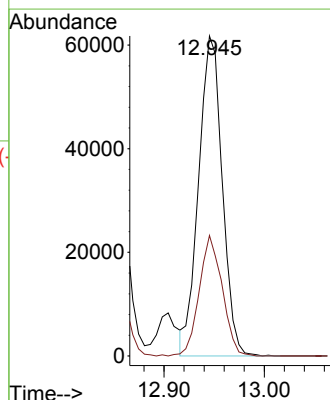
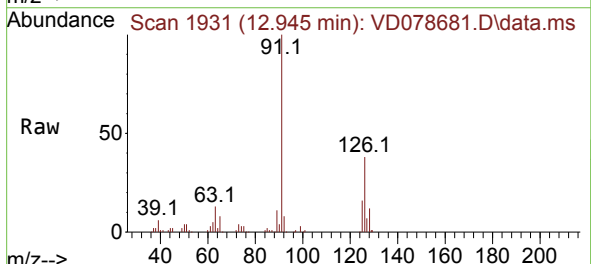
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBSD01

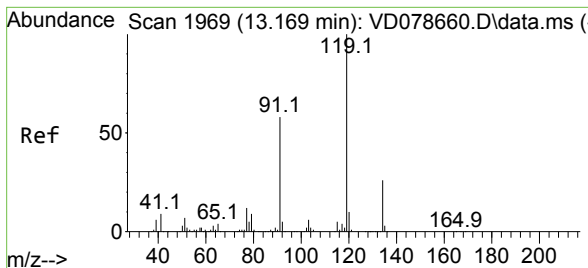
Tgt Ion: 75 Resp: 8463
Ion Ratio Lower Upper
75 100
53 80.7 61.0 91.6
89 49.0 35.4 53.0



#82
4-Chlorotoluene
Concen: 21.979 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD078681.D
Acq: 15 Mar 2024 11:50

Tgt Ion: 91 Resp: 101243
Ion Ratio Lower Upper
91 100
126 36.7 18.9 56.5

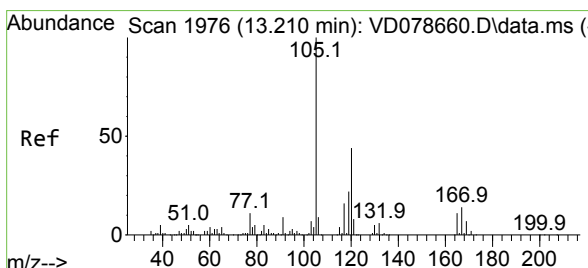
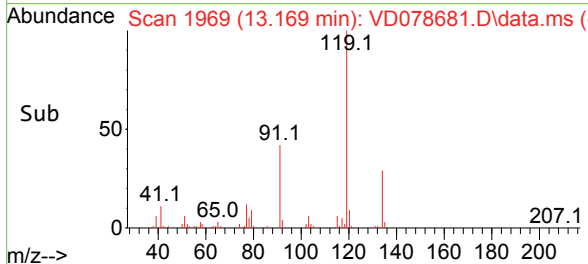
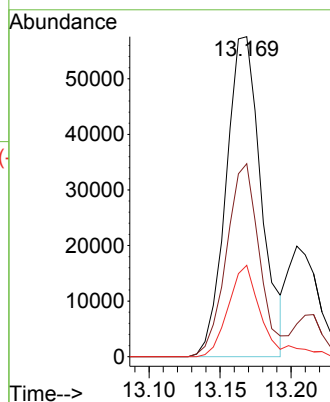
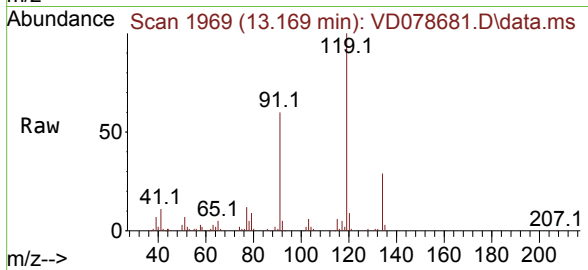




#83
 tert-Butylbenzene
 Concen: 21.385 ug/l
 RT: 13.169 min Scan# 1969
 Delta R.T. -0.000 min
 Lab File: VD078681.D
 Acq: 15 Mar 2024 11:50

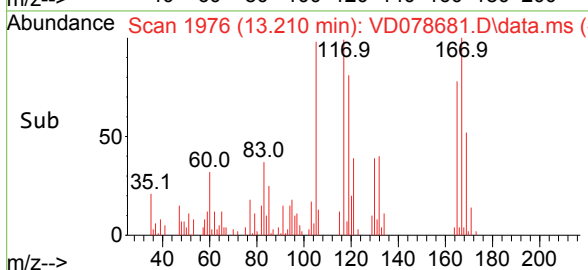
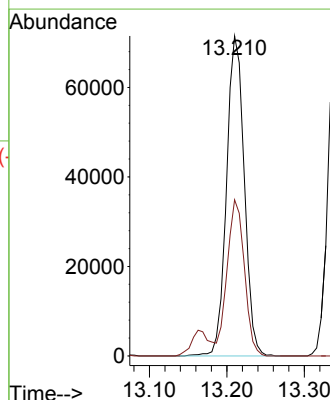
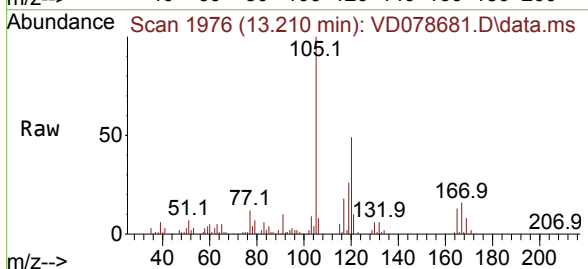
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0315SBSD01

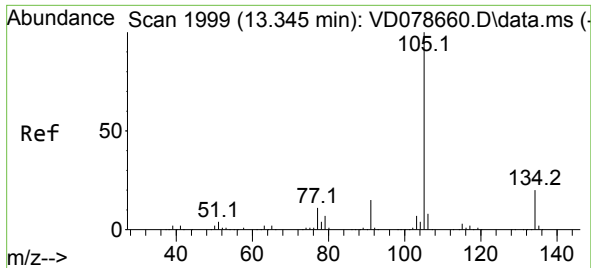
Tgt Ion:119 Resp: 99448
 Ion Ratio Lower Upper
 119 100
 91 56.3 28.9 86.7
 134 27.4 13.6 40.8



#84
 1,2,4-Trimethylbenzene
 Concen: 20.928 ug/l
 RT: 13.210 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VD078681.D
 Acq: 15 Mar 2024 11:50

Tgt Ion:105 Resp: 113749
 Ion Ratio Lower Upper
 105 100
 120 47.3 23.1 69.2

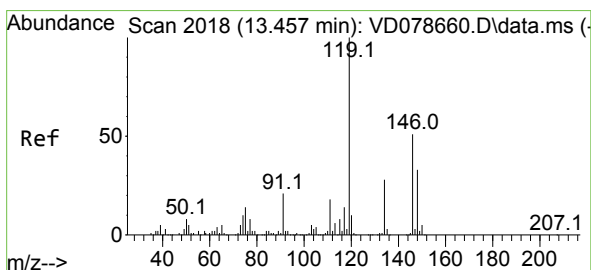
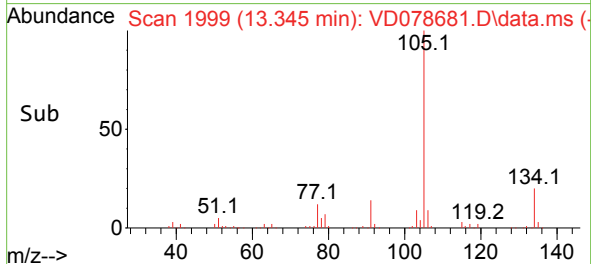
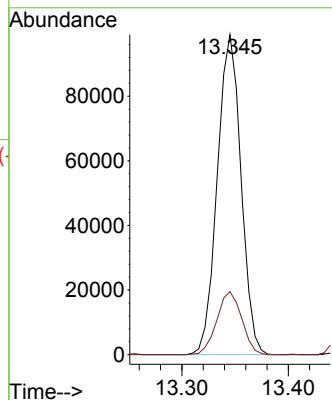
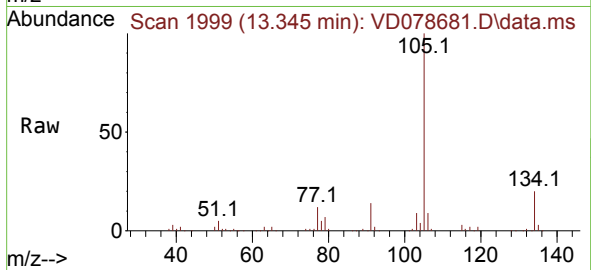




#85
 sec-Butylbenzene
 Concen: 21.751 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VD078681.D
 Acq: 15 Mar 2024 11:50

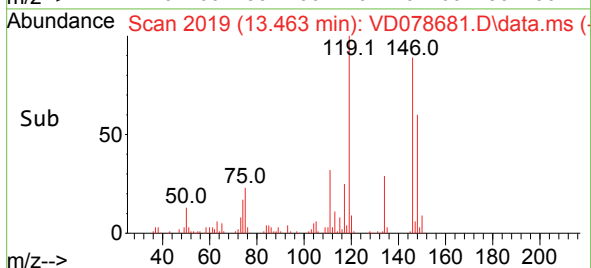
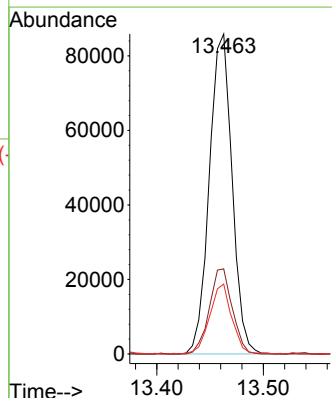
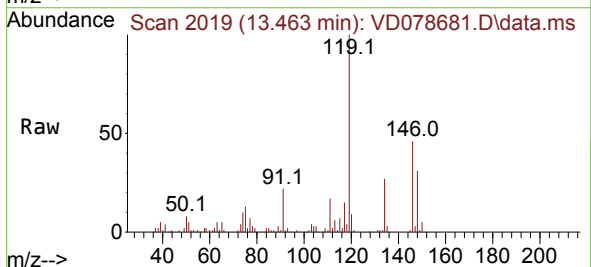
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0315SBSD01

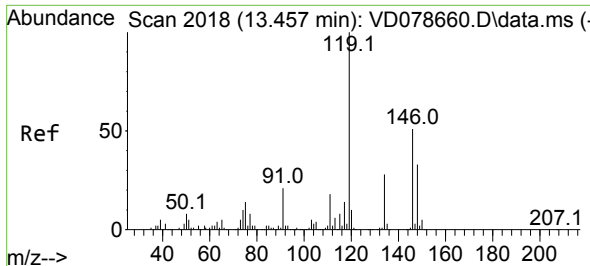
Tgt Ion:105 Resp: 153074
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 21.124 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.006 min
 Lab File: VD078681.D
 Acq: 15 Mar 2024 11:50

Tgt Ion:119 Resp: 127268
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.5 40.5
 91 21.4 10.4 31.2

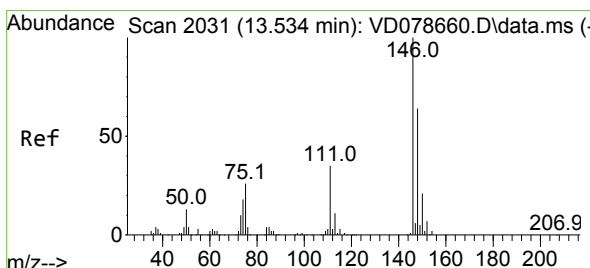
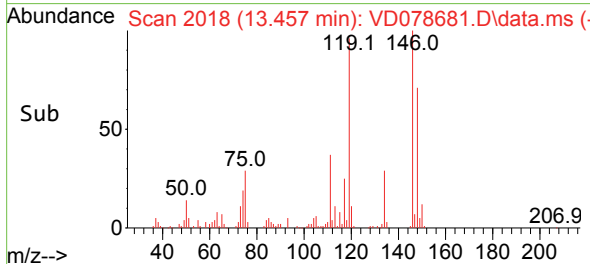
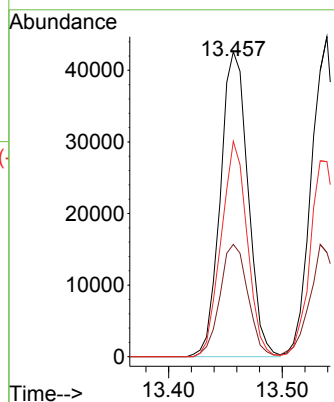
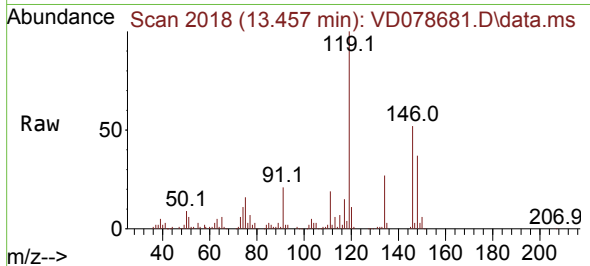




#87
1,3-Dichlorobenzene
Concen: 21.029 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD078681.D
Acq: 15 Mar 2024 11:50

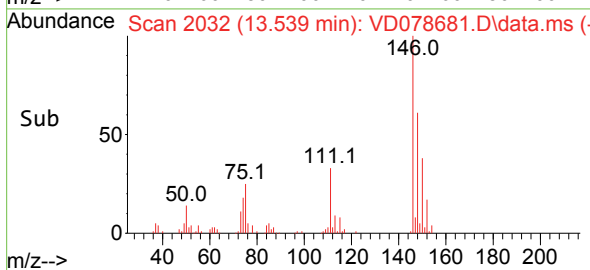
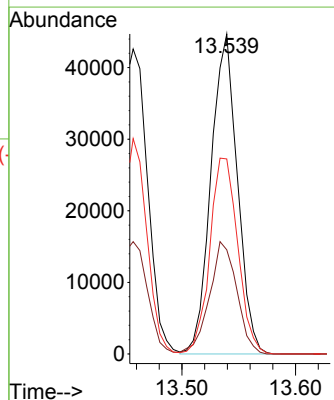
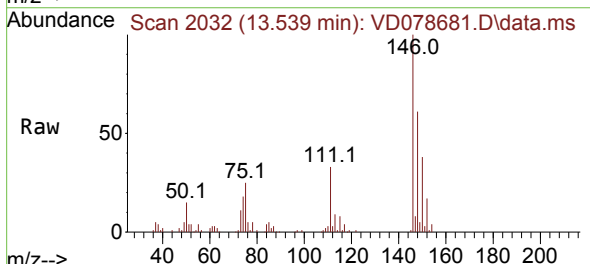
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBSD01

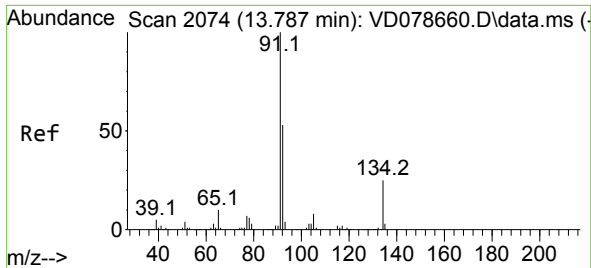
Tgt Ion:146 Resp: 71776
Ion Ratio Lower Upper
146 100
111 37.3 18.2 54.6
148 66.7 31.1 93.5



#88
1,4-Dichlorobenzene
Concen: 21.479 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. 0.006 min
Lab File: VD078681.D
Acq: 15 Mar 2024 11:50

Tgt Ion:146 Resp: 72250
Ion Ratio Lower Upper
146 100
111 36.4 17.8 53.3
148 64.8 32.4 97.0

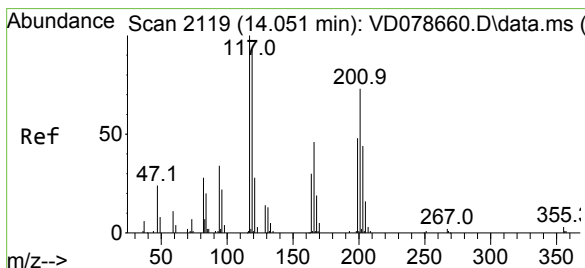
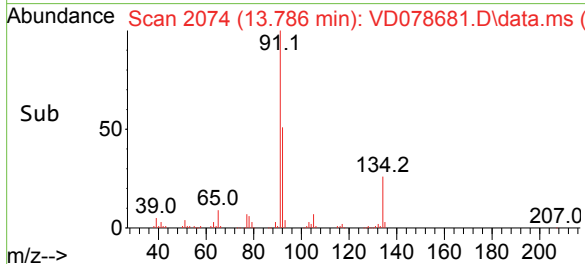
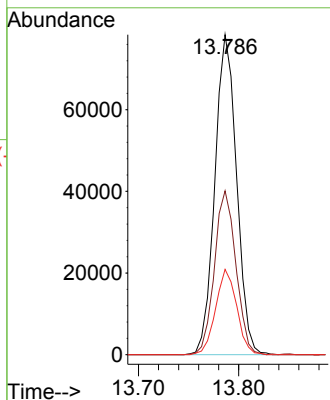
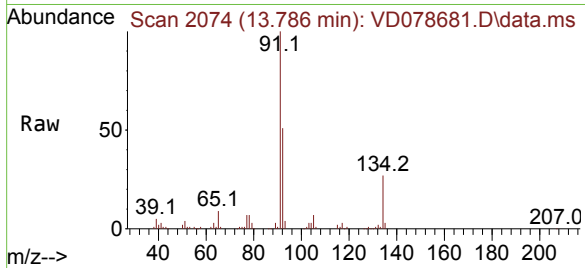




#89
n-Butylbenzene
Concen: 21.677 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. -0.000 min
Lab File: VD078681.D
Acq: 15 Mar 2024 11:50

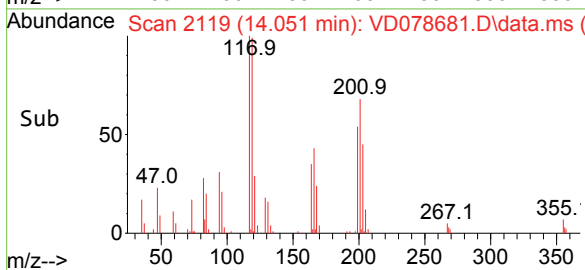
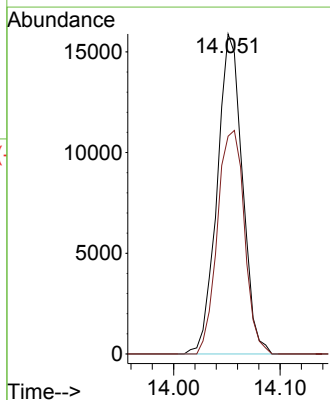
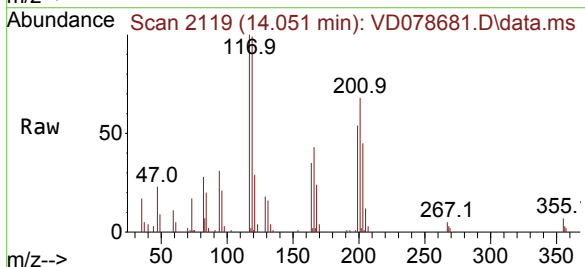
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBSD01

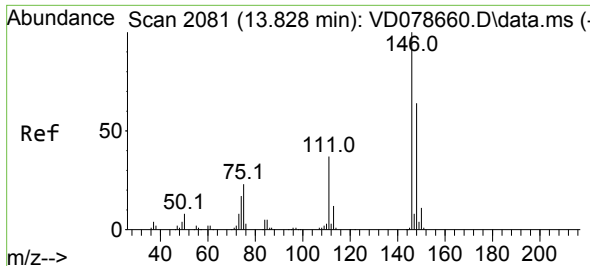
Tgt Ion: 91 Resp: 117948
Ion Ratio Lower Upper
91 100
92 50.7 26.4 79.0
134 25.9 13.0 38.9



#90
Hexachloroethane
Concen: 20.945 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. -0.000 min
Lab File: VD078681.D
Acq: 15 Mar 2024 11:50

Tgt Ion: 117 Resp: 26110
Ion Ratio Lower Upper
117 100
201 74.8 36.2 108.6

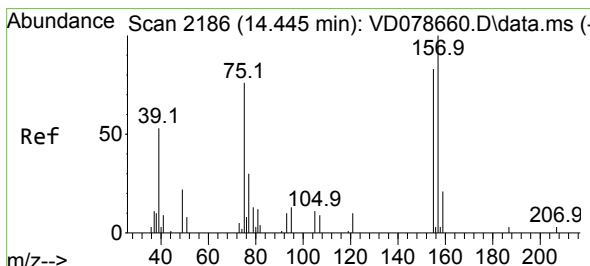
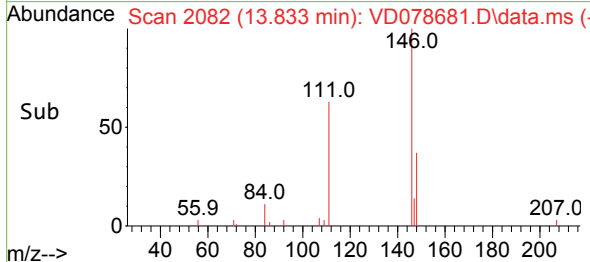
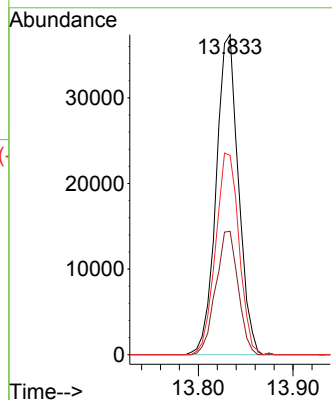
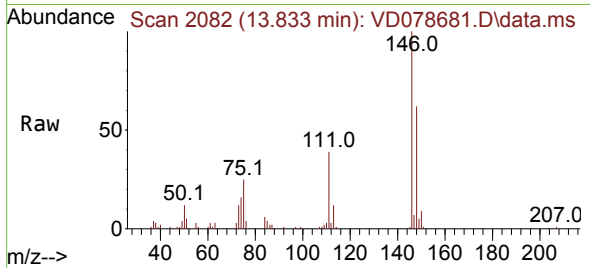




#91
1,2-Dichlorobenzene
Concen: 20.773 ug/l
RT: 13.833 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VD078681.D
Acq: 15 Mar 2024 11:50

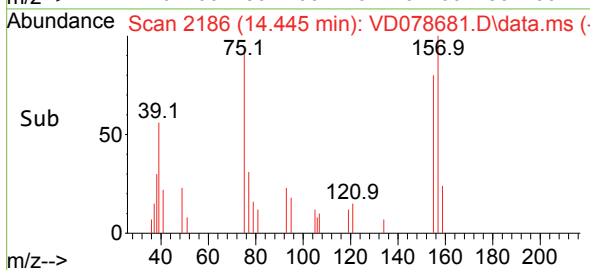
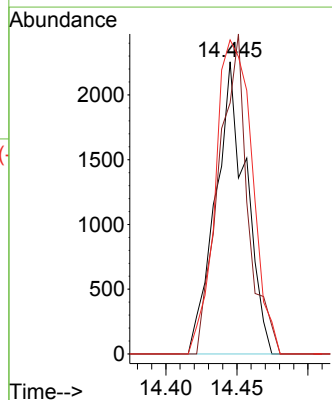
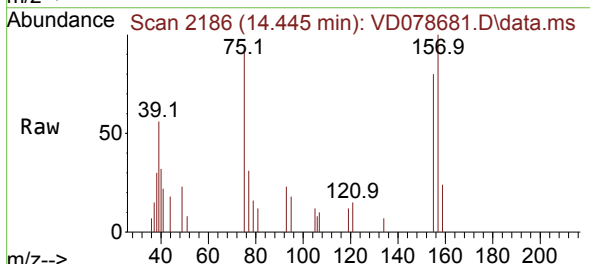
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBSD01

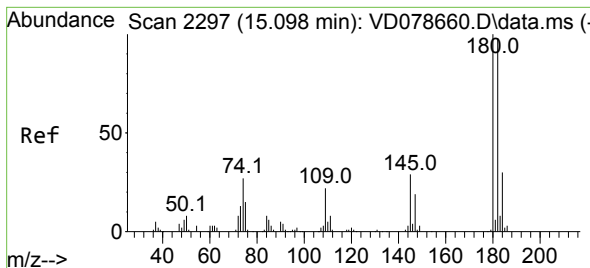
Tgt Ion:146 Resp: 61066
Ion Ratio Lower Upper
146 100
111 38.8 18.6 56.0
148 66.1 32.1 96.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.841 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.000 min
Lab File: VD078681.D
Acq: 15 Mar 2024 11:50

Tgt Ion: 75 Resp: 3366
Ion Ratio Lower Upper
75 100
155 103.9 49.8 149.3
157 130.0 65.5 196.3





#93

1,2,4-Trichlorobenzene

Concen: 20.916 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. -0.000 min

Lab File: VD078681.D

Acq: 15 Mar 2024 11:50

Instrument :

MSVOA_D

ClientSampleId :

VD0315SBS01

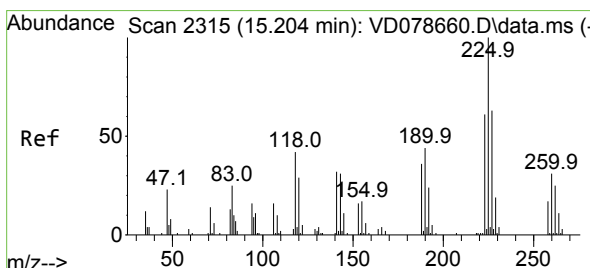
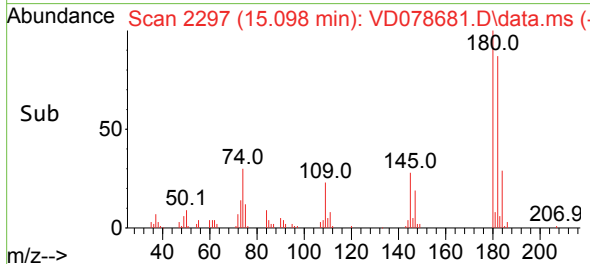
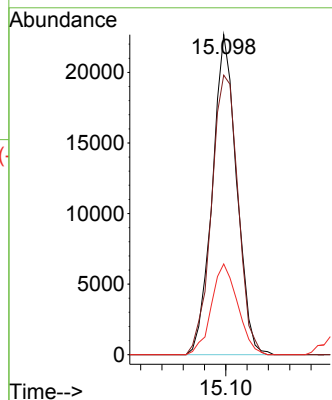
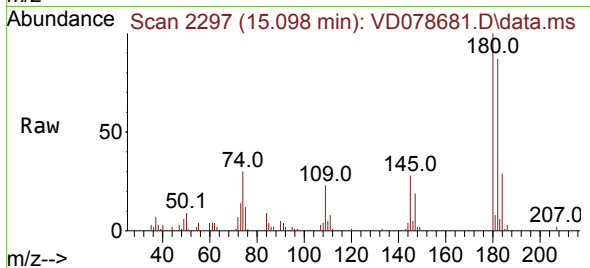
Tgt Ion:180 Resp: 35883

Ion Ratio Lower Upper

180 100

182 95.4 49.7 149.1

145 30.7 14.6 44.0



#94

Hexachlorobutadiene

Concen: 20.679 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. -0.000 min

Lab File: VD078681.D

Acq: 15 Mar 2024 11:50

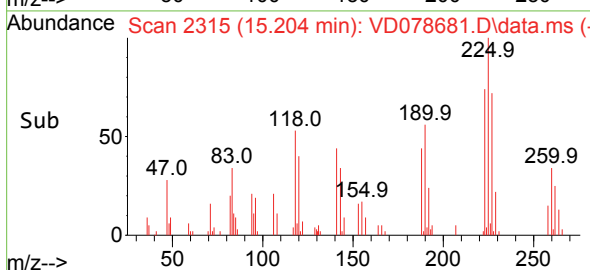
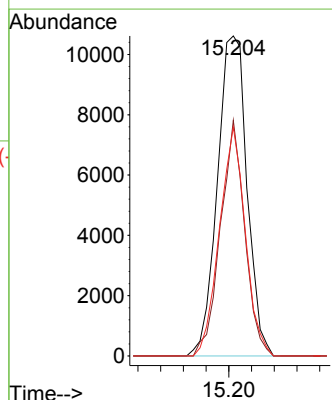
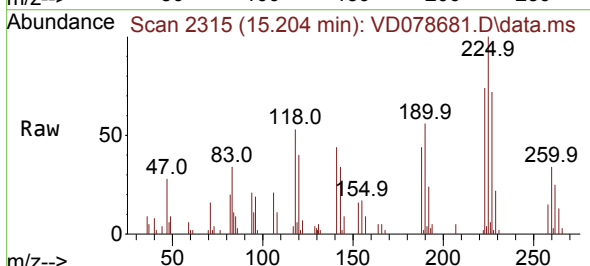
Tgt Ion:225 Resp: 19207

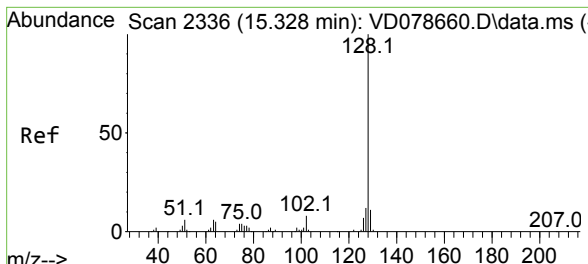
Ion Ratio Lower Upper

225 100

223 60.3 31.9 95.7

227 62.5 32.0 96.0

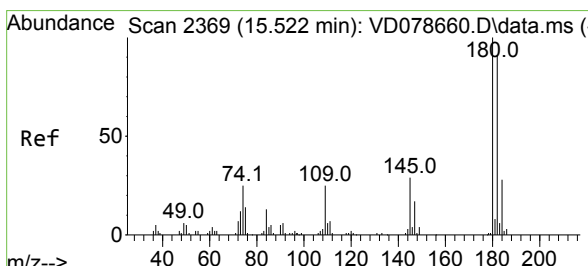
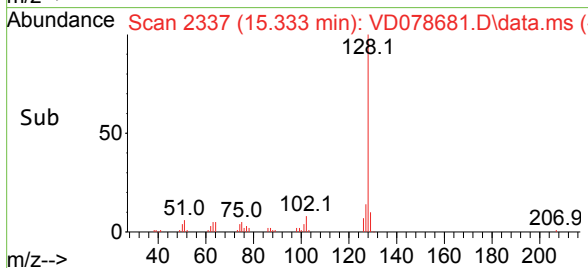
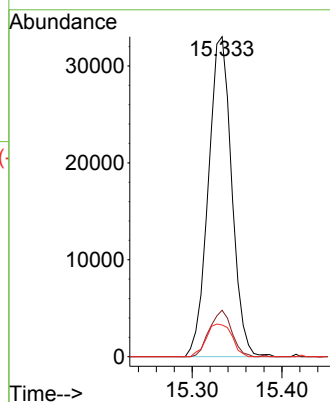
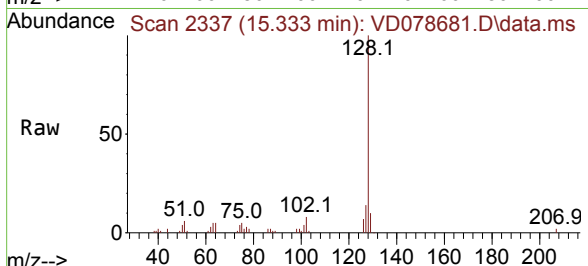




#95
 Naphthalene
 Concen: 19.999 ug/l
 RT: 15.333 min Scan# 2337
 Delta R.T. 0.006 min
 Lab File: VD078681.D
 Acq: 15 Mar 2024 11:50

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0315SBSD01

Tgt Ion:128	Resp:	59652
Ion Ratio	Lower	Upper
128	100	
127	14.5	9.3 13.9#
129	9.9	8.9 13.3



#96
 1,2,3-Trichlorobenzene
 Concen: 21.715 ug/l
 RT: 15.522 min Scan# 2369
 Delta R.T. -0.000 min
 Lab File: VD078681.D
 Acq: 15 Mar 2024 11:50

Tgt Ion:180	Resp:	32230
Ion Ratio	Lower	Upper
180	100	
182	93.4	46.7 140.1
145	26.9	14.4 43.4

