

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022124\
 Data File : VD078508.D
 Acq On : 21 Feb 2024 19:27
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Feb 22 00:09:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 14 01:16:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	116713	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	200317	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	195572	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	106178	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	69107	54.762	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.520%	
35) Dibromofluoromethane	7.804	113	75444	59.290	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 118.580%	
50) Toluene-d8	10.269	98	292174	57.400	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 114.800%	
62) 4-Bromofluorobenzene	12.569	95	86526	58.414	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 116.820%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	57718	50.191	ug/l	99
3) Chloromethane	2.152	50	114550	54.203	ug/l	98
4) Vinyl Chloride	2.281	62	168333	52.199	ug/l	98
5) Bromomethane	2.687	94	126109	56.654	ug/l	98
6) Chloroethane	2.834	64	124238	52.833	ug/l	97
7) Trichlorofluoromethane	3.169	101	107092	49.229	ug/l	99
8) Diethyl Ether	3.599	74	34096	54.416	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.969	101	62987	45.897	ug/l	98
10) Methyl Iodide	4.163	142	66569	54.158	ug/l	93
11) Tert butyl alcohol	5.063	59	19603	287.454	ug/l	95
12) 1,1-Dichloroethene	3.940	96	62601	49.202	ug/l	87
13) Acrolein	3.793	56	17576	150.760	ug/l	97
14) Allyl chloride	4.563	41	77748	49.464	ug/l	94
15) Acrylonitrile	5.257	53	75851	282.784	ug/l	98
16) Acetone	4.028	43	60350	248.289	ug/l	88
17) Carbon Disulfide	4.269	76	194885	45.521	ug/l	97
18) Methyl Acetate	4.563	43	63863	67.792	ug/l	95
19) Methyl tert-butyl Ether	5.328	73	152543	56.430	ug/l	100
20) Methylene Chloride	4.805	84	84322	59.577	ug/l	92
21) trans-1,2-Dichloroethene	5.316	96	78637	52.538	ug/l	98
22) Diisopropyl ether	6.216	45	186275	53.769	ug/l	97
23) Vinyl Acetate	6.157	43	355408	250.331	ug/l	93
24) 1,1-Dichloroethane	6.116	63	128232	52.251	ug/l	98
25) 2-Butanone	7.081	43	90180	284.197	ug/l	91
26) 2,2-Dichloropropane	7.081	77	99895	48.556	ug/l	96
27) cis-1,2-Dichloroethene	7.081	96	88802	54.075	ug/l	98
28) Bromochloromethane	7.422	49	54825	56.402	ug/l	86
29) Tetrahydrofuran	7.446	42	54853	292.280	ug/l	93
30) Chloroform	7.599	83	141732	54.584	ug/l	96
31) Cyclohexane	7.875	56	92187	43.185	ug/l	96
32) 1,1,1-Trichloroethane	7.793	97	112657	50.888	ug/l	100
36) 1,1-Dichloropropene	8.004	75	98138	49.647	ug/l	98
37) Ethyl Acetate	7.169	43	38878	56.106	ug/l	96
38) Carbon Tetrachloride	7.993	117	101011	51.599	ug/l	98
39) Methylcyclohexane	9.275	83	112812	48.073	ug/l	98
40) Benzene	8.251	78	314427	55.031	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	21764	60.351	ug/l #	90
42) 1,2-Dichloroethane	8.328	62	81364	55.036	ug/l	97
43) Isopropyl Acetate	8.363	43	71223	55.507	ug/l	96
44) Trichloroethene	9.034	130	81397	55.842	ug/l	98
45) 1,2-Dichloropropane	9.304	63	78394	55.921	ug/l	99
46) Dibromomethane	9.393	93	44855	56.886	ug/l	93
47) Bromodichloromethane	9.587	83	108321	55.464	ug/l	98
48) Methyl methacrylate	9.381	41	39306	57.739	ug/l #	90
49) 1,4-Dioxane	9.387	88	10379	1215.457	ug/l #	90
51) 4-Methyl-2-Pentanone	10.157	43	200977	295.110	ug/l	94
52) Toluene	10.334	92	202844	56.140	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	99799	56.002	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	118600	54.885	ug/l #	91
55) 1,1,2-Trichloroethane	10.734	97	63665	59.956	ug/l	94
56) Ethyl methacrylate	10.598	69	50834	51.762	ug/l	89
57) 1,3-Dichloropropane	10.881	76	105071	58.169	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	195607	338.137	ug/l	95
59) 2-Hexanone	10.922	43	143148	279.697	ug/l	93
60) Dibromochloromethane	11.075	129	74335	58.183	ug/l	96
61) 1,2-Dibromoethane	11.181	107	61099	61.289	ug/l	96
64) Tetrachloroethene	10.810	164	66978	54.220	ug/l	93
65) Chlorobenzene	11.604	112	217300	55.268	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.681	131	80445	55.675	ug/l	99
67) Ethyl Benzene	11.681	91	375705	53.331	ug/l	98
68) m/p-Xylenes	11.792	106	301883	109.859	ug/l	94
69) o-Xylene	12.122	106	136379	54.385	ug/l	92
70) Styrene	12.134	104	218468	53.381	ug/l	97
71) Bromoform	12.298	173	44516	58.534	ug/l #	96
73) Isopropylbenzene	12.422	105	360219	50.523	ug/l	95
74) N-amyl acetate	12.234	43	67447	50.004	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.675	83	73814	52.191	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	86540	96.004	ug/l #	100
77) Bromobenzene	12.698	156	91131	54.387	ug/l	95
78) n-propylbenzene	12.763	91	439016	49.411	ug/l	97
79) 2-Chlorotoluene	12.845	91	240839	50.609	ug/l	96
80) 1,3,5-Trimethylbenzene	12.904	105	305078	51.531	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	22727	52.342	ug/l	99
82) 4-Chlorotoluene	12.945	91	256426	50.171	ug/l	97
83) tert-Butylbenzene	13.163	119	263751	52.825	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	314876	52.405	ug/l	98
85) sec-Butylbenzene	13.345	105	369822	47.761	ug/l	97
86) p-Isopropyltoluene	13.457	119	335093	50.808	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	184684	51.642	ug/l	98
88) 1,4-Dichlorobenzene	13.534	146	186408	53.049	ug/l	99
89) n-Butylbenzene	13.786	91	312950	49.230	ug/l	98
90) Hexachloroethane	14.051	117	67958	50.133	ug/l	94
91) 1,2-Dichlorobenzene	13.828	146	165716	55.182	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	9611	51.899	ug/l	90
93) 1,2,4-Trichlorobenzene	15.098	180	95592	54.162	ug/l	99
94) Hexachlorobutadiene	15.198	225	46597	50.582	ug/l	99
95) Naphthalene	15.328	128	191600	58.531	ug/l	98
96) 1,2,3-Trichlorobenzene	15.516	180	85943	57.458	ug/l	98

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Quant Title : SW846 8260
QLast Update : Wed Feb 14 01:16:20 2024
Response via : Initial Calibration

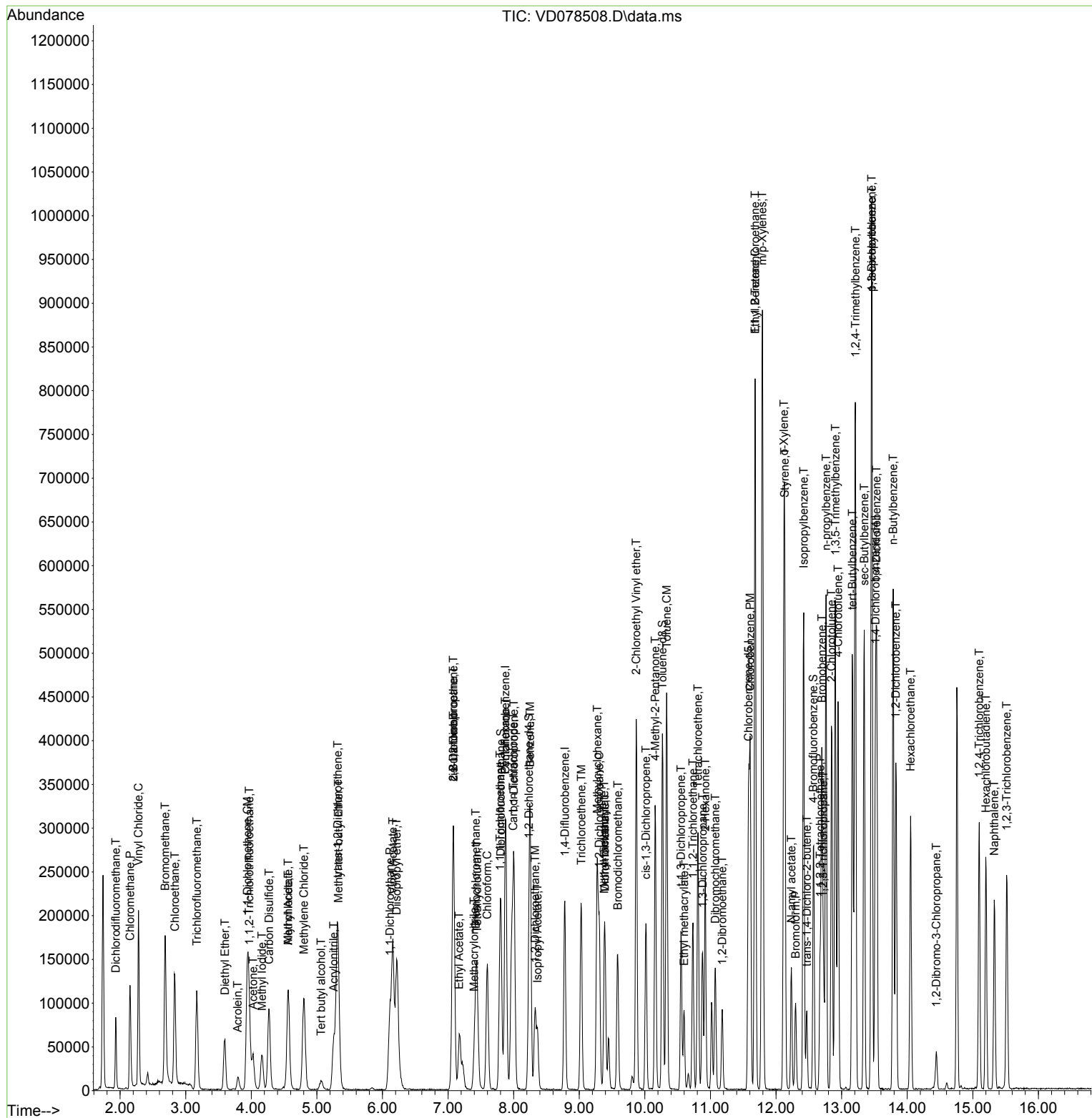
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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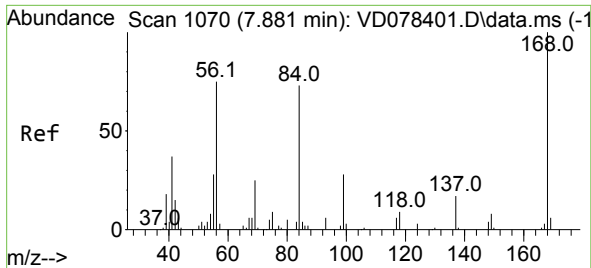
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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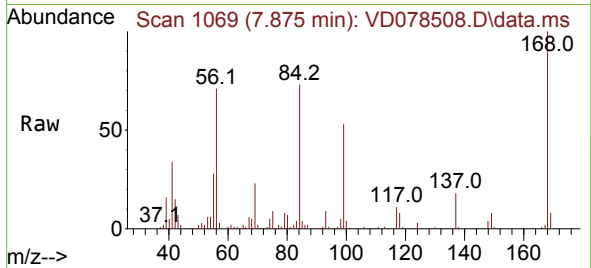
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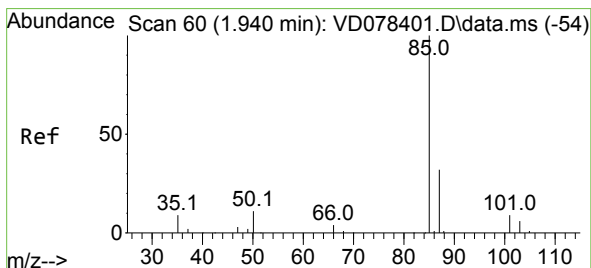
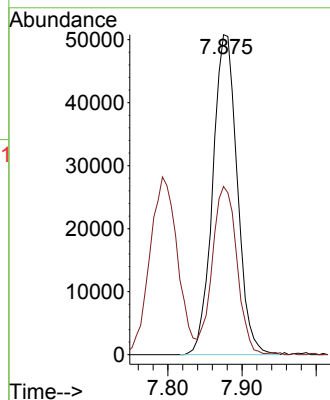
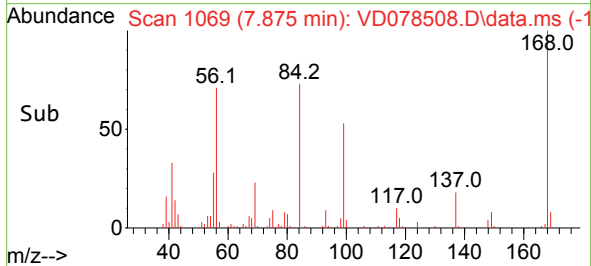


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 10
Delta R.T. -0.006 min
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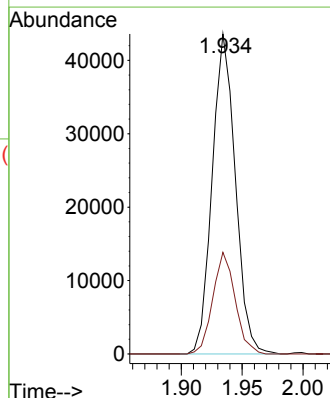
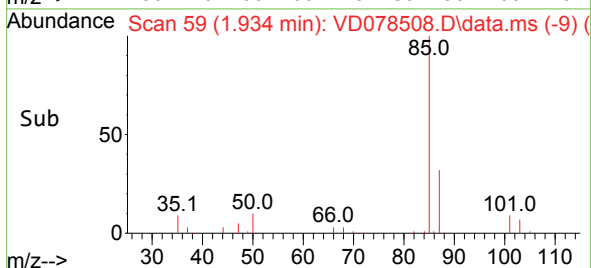
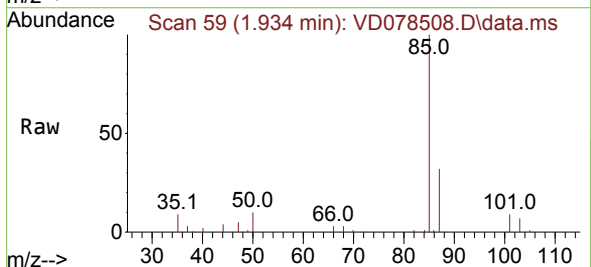


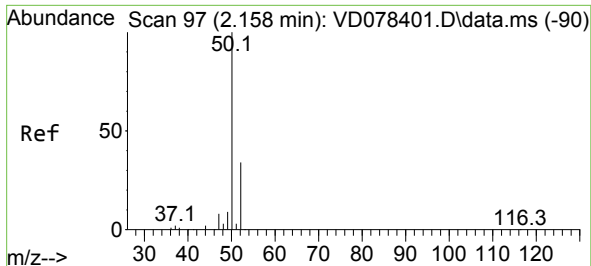
Tgt Ion:168 Resp: 116713
Ion Ratio Lower Upper
168 100
99 51.9 36.7 55.1



#2
Dichlorodifluoromethane
Concen: 50.191 ug/l
RT: 1.934 min Scan# 59
Delta R.T. -0.006 min
Lab File: VD078508.D
Acq: 21 Feb 2024 19:27

Tgt Ion: 85 Resp: 57718
Ion Ratio Lower Upper
85 100
87 31.8 15.7 47.0

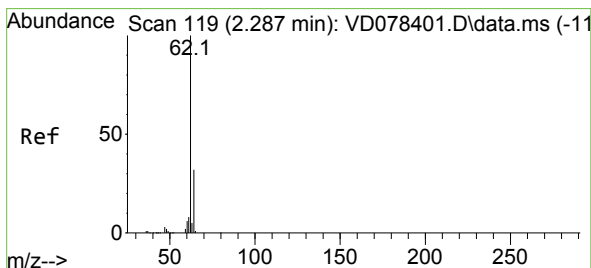
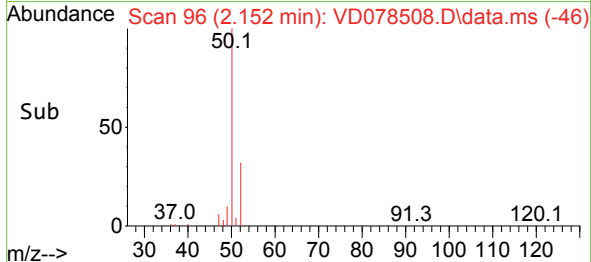
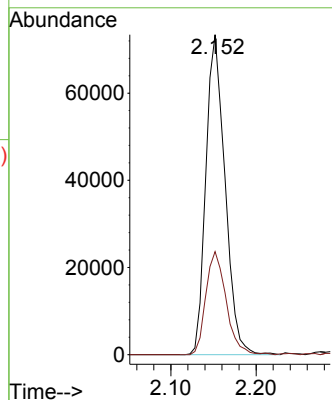
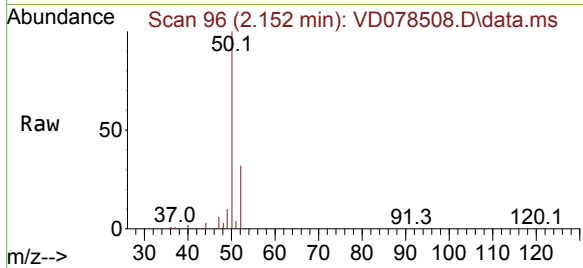




#3
Chloromethane
Concen: 54.203 ug/l
RT: 2.152 min Scan# 90
Delta R.T. -0.006 min
Lab File: VD078508.D
Acq: 21 Feb 2024 19:27

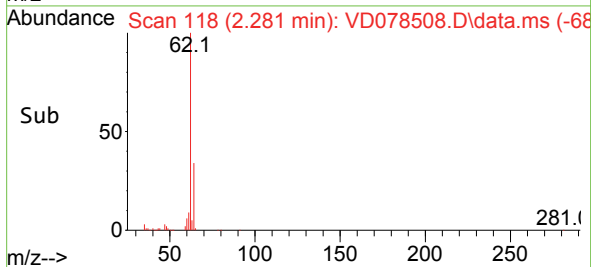
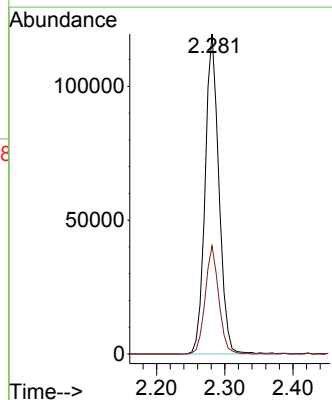
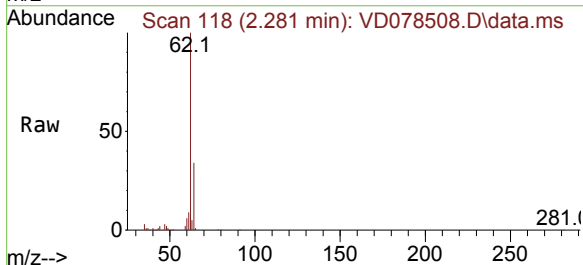
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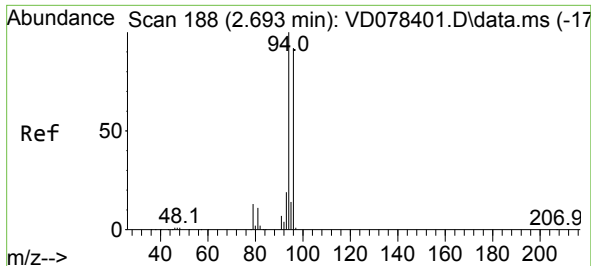
Tgt Ion: 50 Resp: 114550
Ion Ratio Lower Upper
50 100
52 32.2 26.6 40.0



#4
Vinyl Chloride
Concen: 52.199 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.006 min
Lab File: VD078508.D
Acq: 21 Feb 2024 19:27

Tgt Ion: 62 Resp: 168333
Ion Ratio Lower Upper
62 100
64 33.8 26.0 39.0

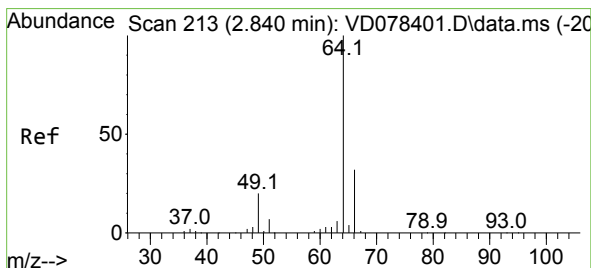
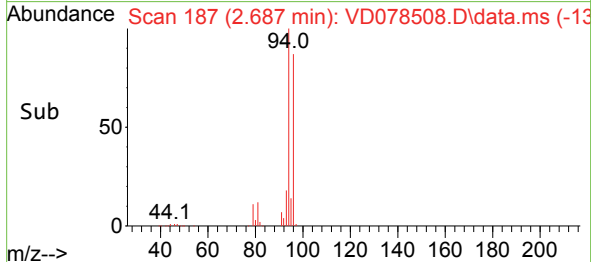
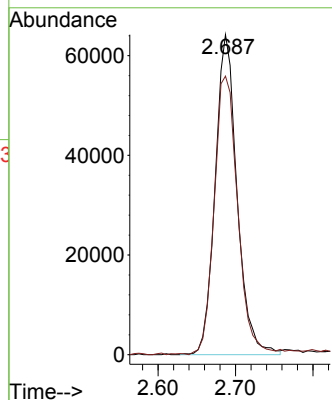
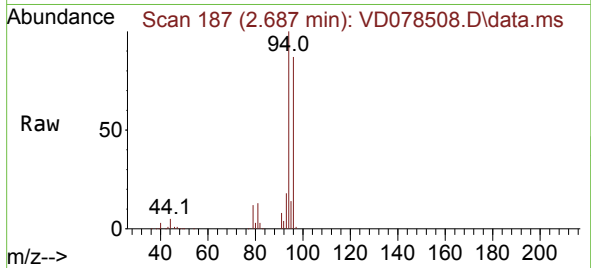




#5
Bromomethane
Concen: 56.654 ug/l
RT: 2.687 min Scan# 188
Delta R.T. -0.006 min
Lab File: VD078508.D
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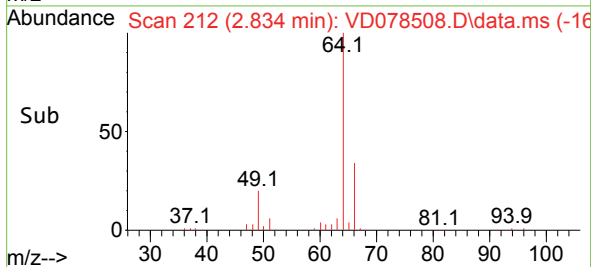
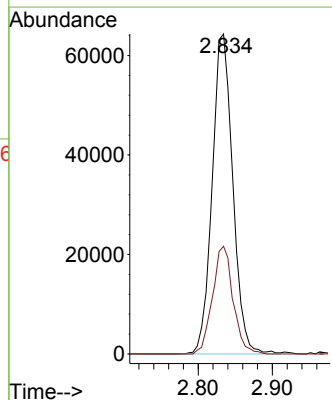
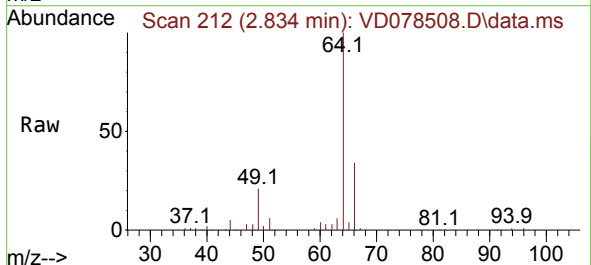
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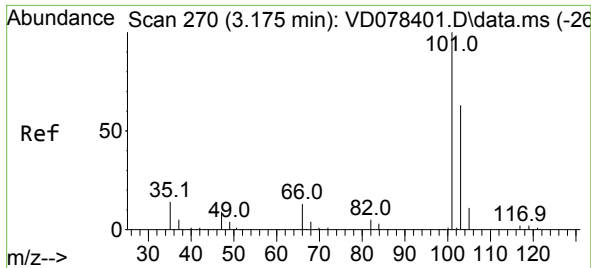
Tgt Ion: 94 Resp: 126109
Ion Ratio Lower Upper
94 100
96 93.2 75.8 113.8



#6
Chloroethane
Concen: 52.833 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.006 min
Lab File: VD078508.D
Acq: 21 Feb 2024 19:27

Tgt Ion: 64 Resp: 124238
Ion Ratio Lower Upper
64 100
66 33.7 25.5 38.3

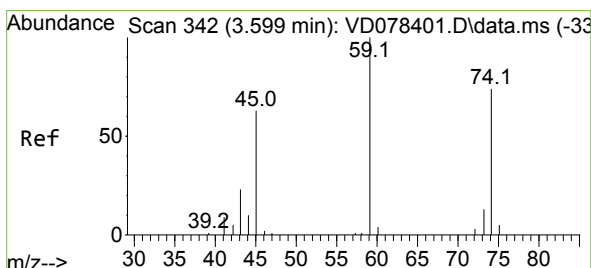
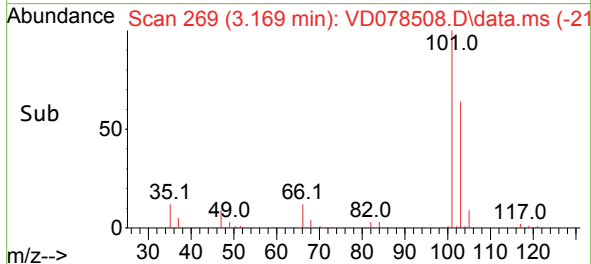
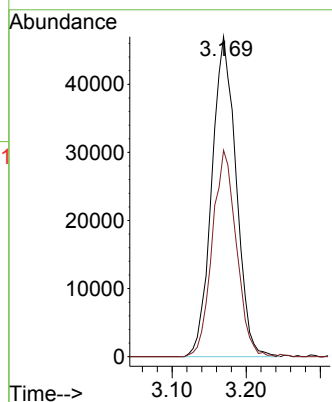
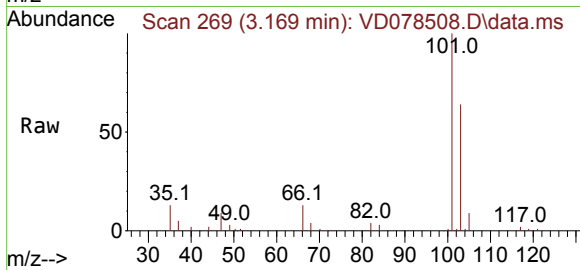




#7
 Trichlorofluoromethane
 Concen: 49.229 ug/l
 RT: 3.169 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VD078508.D
 Acq: 21 Feb 2024 19:27

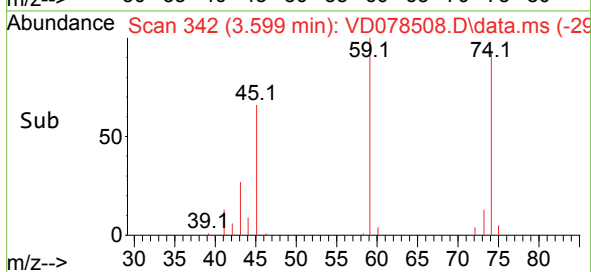
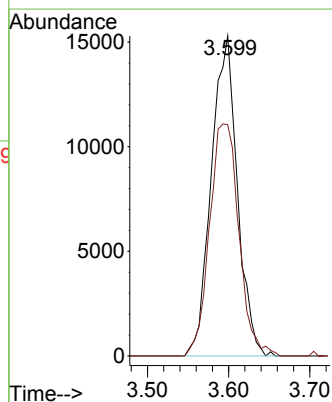
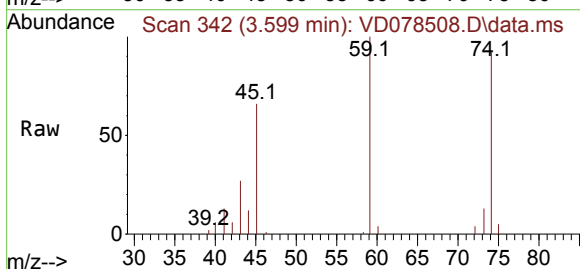
Instrument :
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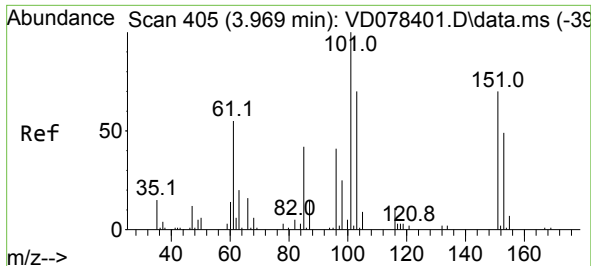
Tgt Ion:101 Resp: 107092
 Ion Ratio Lower Upper
 101 100
 103 64.5 52.3 78.5



#8
 Diethyl Ether
 Concen: 54.416 ug/l
 RT: 3.599 min Scan# 342
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 34096
 Ion Ratio Lower Upper
 74 100
 45 81.8 37.5 112.7

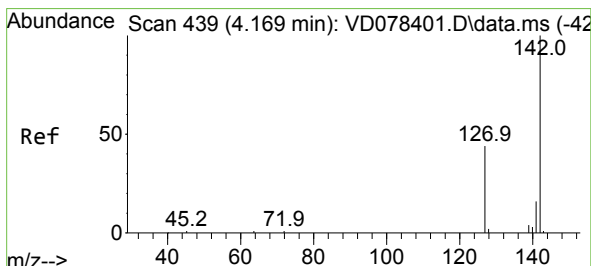
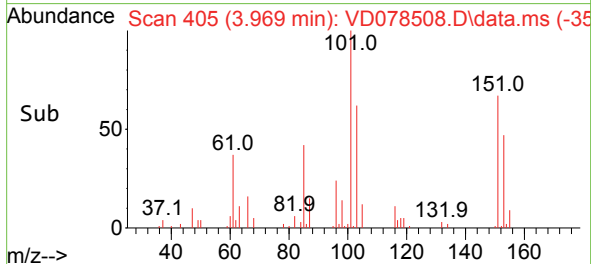
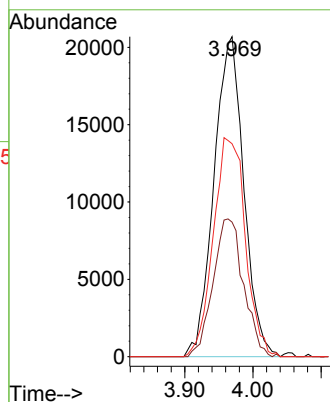
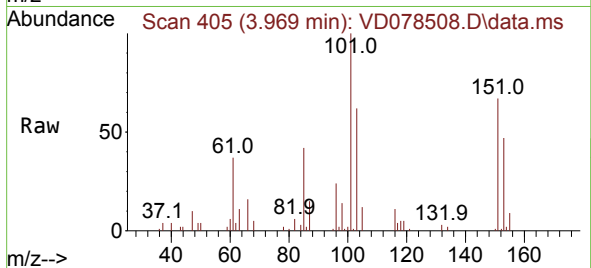




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 45.897 ug/l
 RT: 3.969 min Scan# 405
 Delta R.T. -0.000 min
 Lab File: VD078508.D
 Acq: 21 Feb 2024 19:27

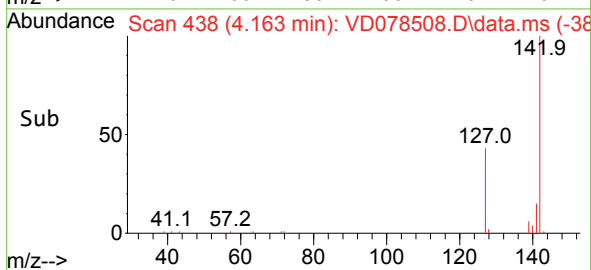
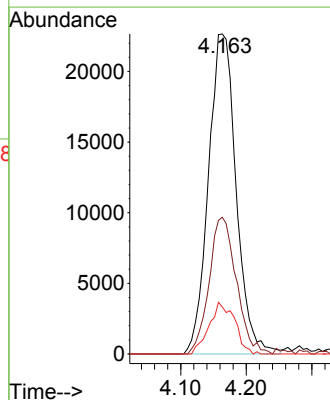
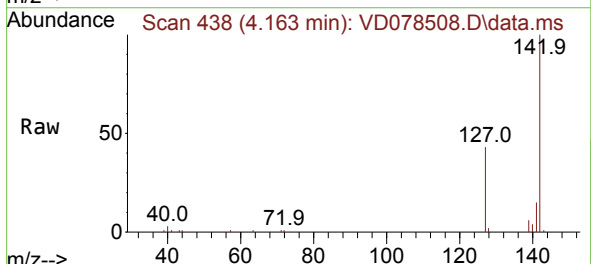
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

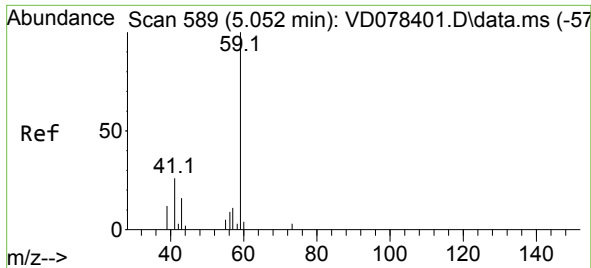
Tgt Ion:	101	Resp:	62987
Ion	Ratio	Lower	Upper
101	100		
85	44.0	33.8	50.6
151	73.4	59.8	89.6



#10
 Methyl Iodide
 Concen: 54.158 ug/l
 RT: 4.163 min Scan# 438
 Delta R.T. -0.006 min
 Lab File: VD078508.D
 Acq: 21 Feb 2024 19:27

Tgt Ion:	142	Resp:	66569
Ion	Ratio	Lower	Upper
142	100		
127	41.8	29.4	44.0
141	14.9	11.1	16.7

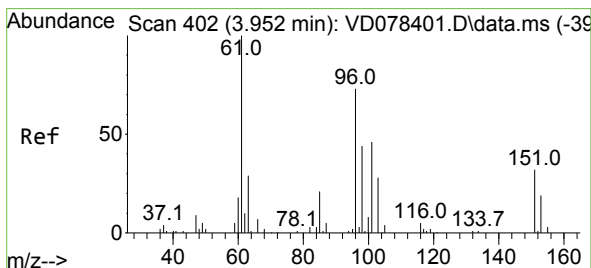
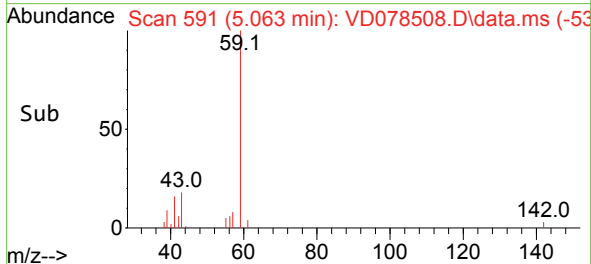
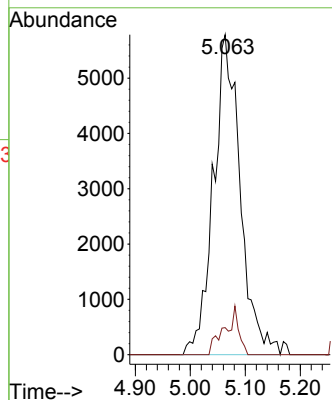
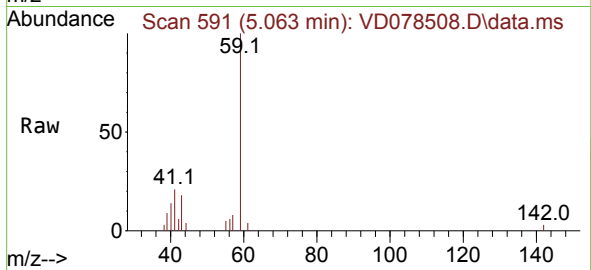




#11
Tert butyl alcohol
Concen: 287.454 ug/l
RT: 5.063 min Scan# 591
Delta R.T. 0.011 min
Lab File: VD078508.D
Acq: 21 Feb 2024 19:27

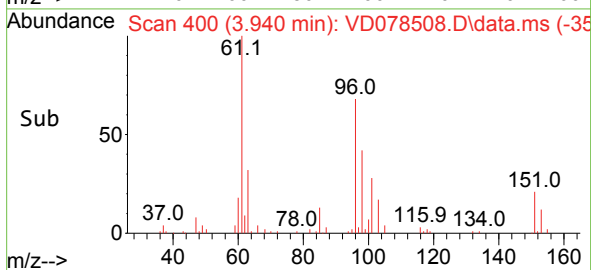
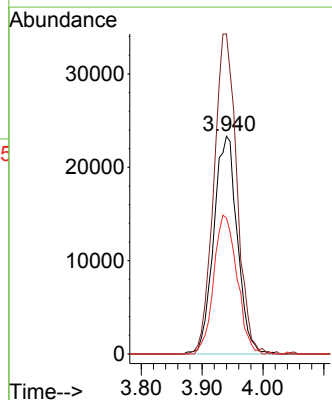
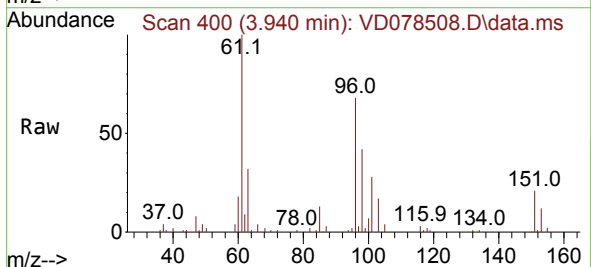
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

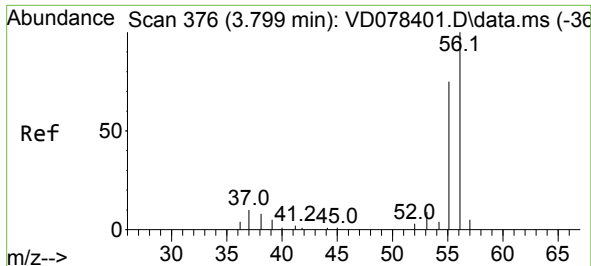
Tgt Ion: 59 Resp: 19603
Ion Ratio Lower Upper
59 100
57 8.1 7.8 11.8



#12
1,1-Dichloroethene
Concen: 49.202 ug/l
RT: 3.940 min Scan# 400
Delta R.T. -0.012 min
Lab File: VD078508.D
Acq: 21 Feb 2024 19:27

Tgt Ion: 96 Resp: 62601
Ion Ratio Lower Upper
96 100
61 146.9 100.6 150.8
98 62.4 50.2 75.2

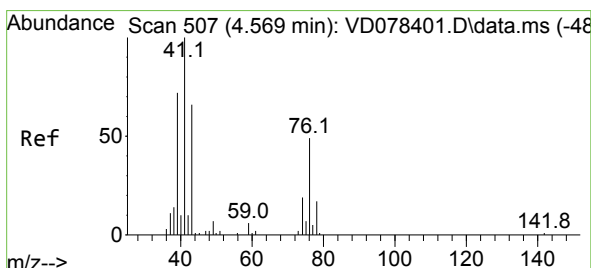
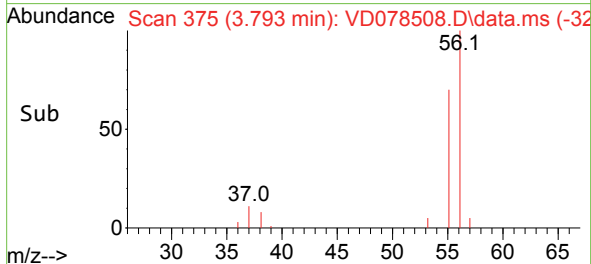
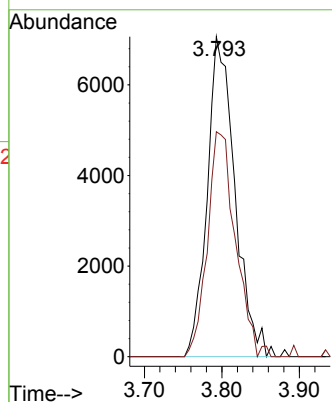
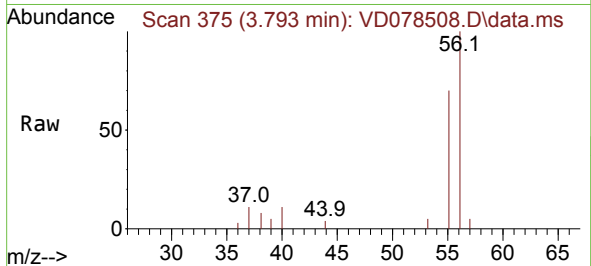




#13
Acrolein
Concen: 150.760 ug/l
RT: 3.793 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD078508.D
Acq: 21 Feb 2024 19:27

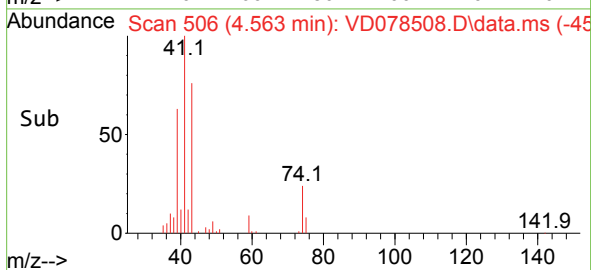
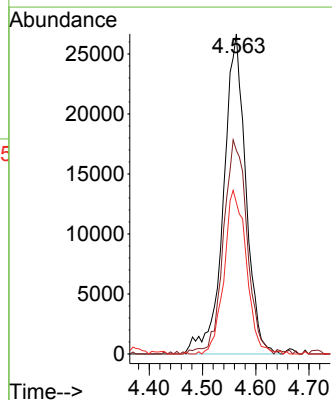
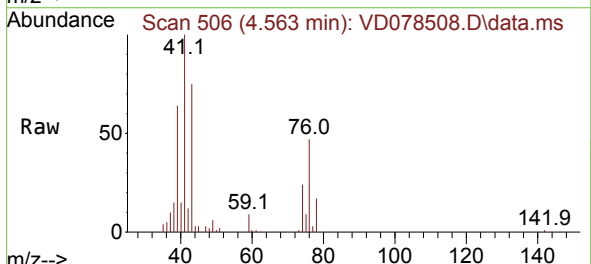
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

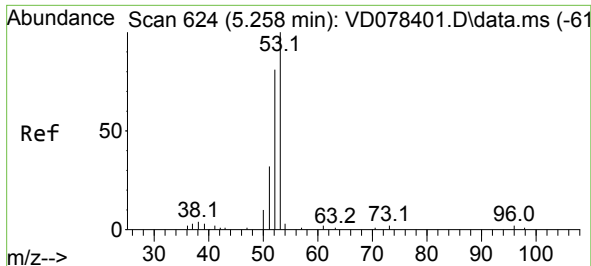
Tgt Ion: 56 Resp: 17576
Ion Ratio Lower Upper
56 100
55 71.2 55.1 82.7



#14
Allyl chloride
Concen: 49.464 ug/l
RT: 4.563 min Scan# 506
Delta R.T. -0.006 min
Lab File: VD078508.D
Acq: 21 Feb 2024 19:27

Tgt Ion: 41 Resp: 77748
Ion Ratio Lower Upper
41 100
39 70.8 53.8 80.6
76 51.0 45.8 68.8

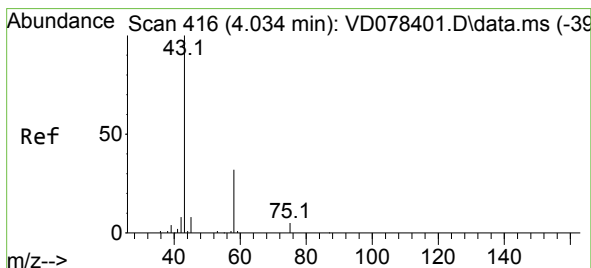
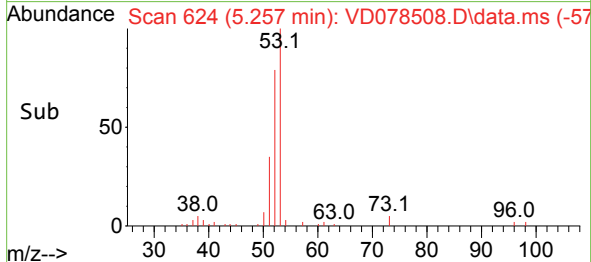
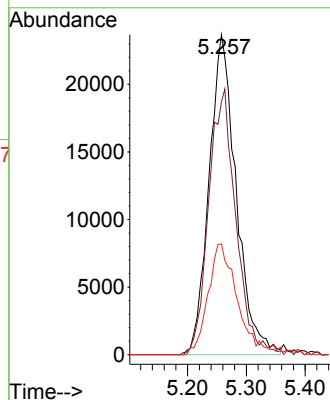
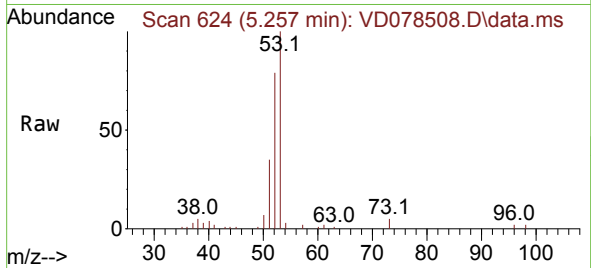




#15
Acrylonitrile
Concen: 282.784 ug/l
RT: 5.257 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD078508.D
Acq: 21 Feb 2024 19:27

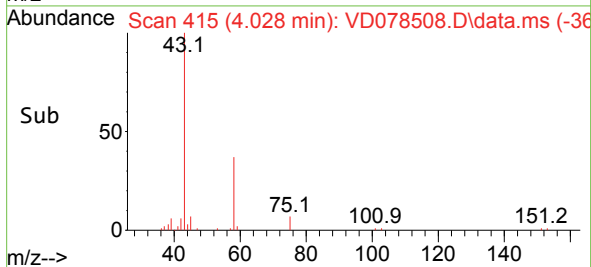
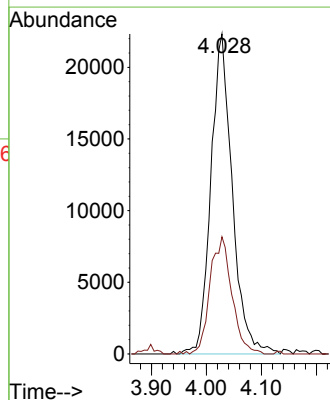
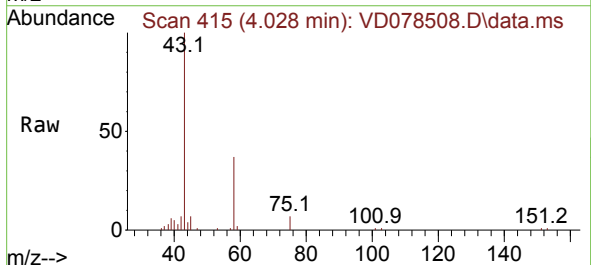
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

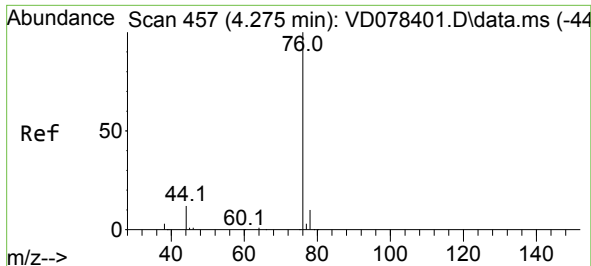
Tgt Ion:	53	Resp:	75851
Ion	Ratio	Lower	Upper
53	100		
52	83.1	65.0	97.4
51	36.8	28.3	42.5



#16
Acetone
Concen: 248.289 ug/l
RT: 4.028 min Scan# 415
Delta R.T. -0.006 min
Lab File: VD078508.D
Acq: 21 Feb 2024 19:27

Tgt Ion:	43	Resp:	60350
Ion	Ratio	Lower	Upper
43	100		
58	35.8	34.7	52.1

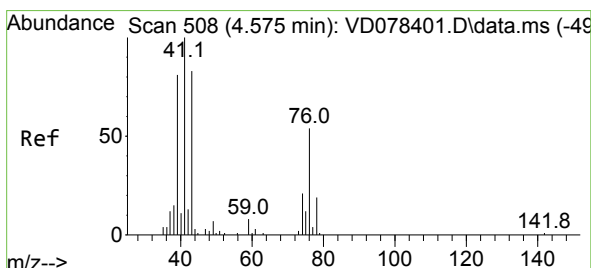
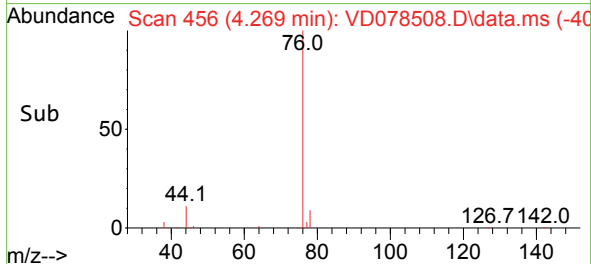
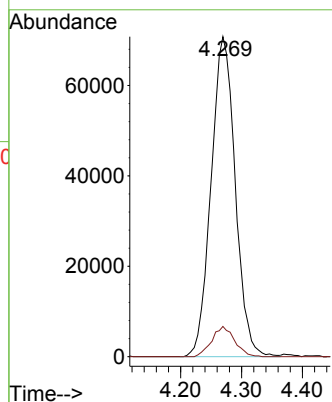
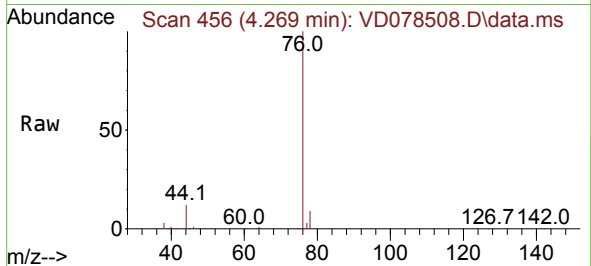




#17
Carbon Disulfide
Concen: 45.521 ug/l
RT: 4.269 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD078508.D
Acq: 21 Feb 2024 19:27

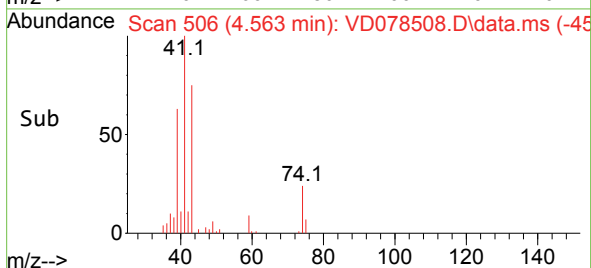
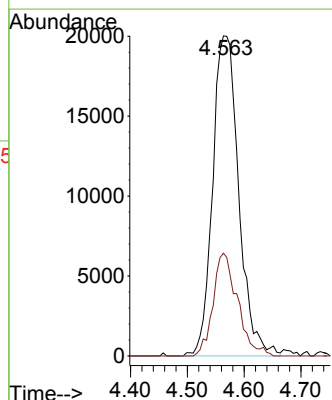
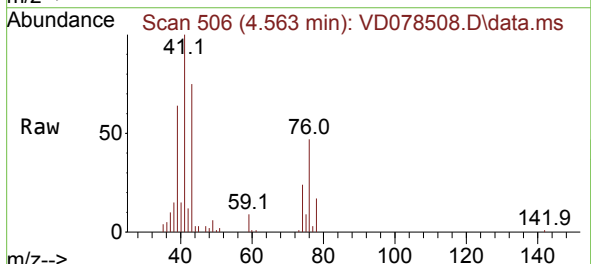
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

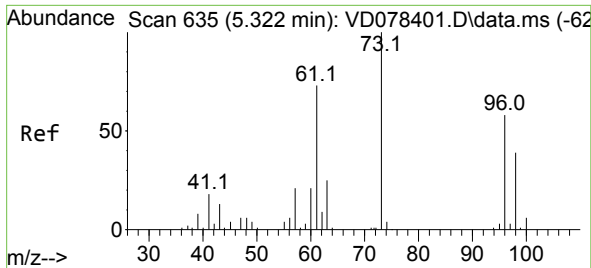
Tgt Ion: 76 Resp: 194885
Ion Ratio Lower Upper
76 100
78 9.5 6.8 10.2



#18
Methyl Acetate
Concen: 67.792 ug/l
RT: 4.563 min Scan# 506
Delta R.T. -0.012 min
Lab File: VD078508.D
Acq: 21 Feb 2024 19:27

Tgt Ion: 43 Resp: 63863
Ion Ratio Lower Upper
43 100
74 30.1 26.4 39.6

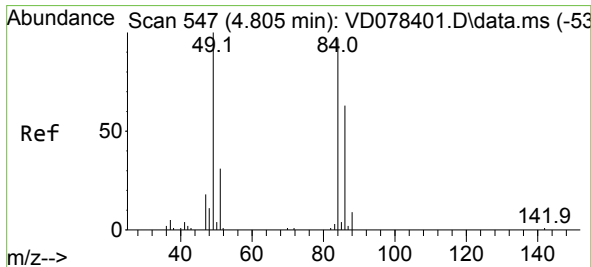
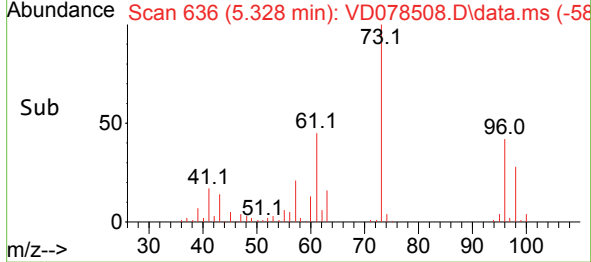
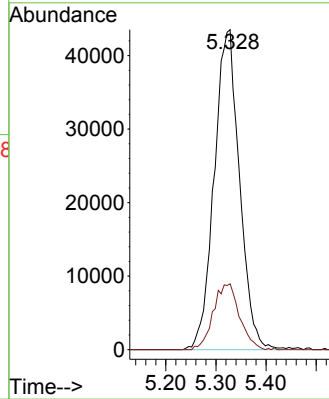
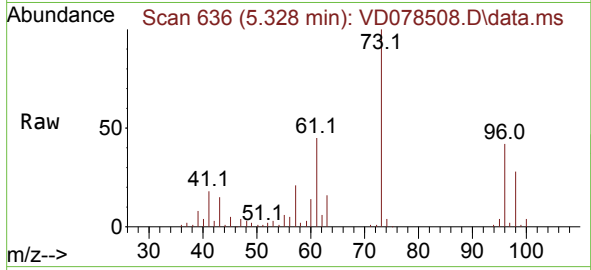




#19
Methyl tert-butyl Ether
Concen: 56.430 ug/l
RT: 5.328 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD078508.D
Acq: 21 Feb 2024 19:27

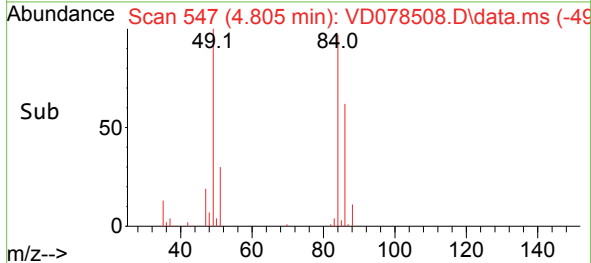
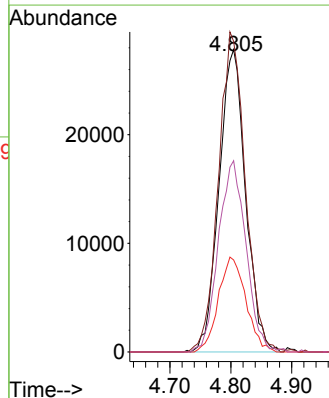
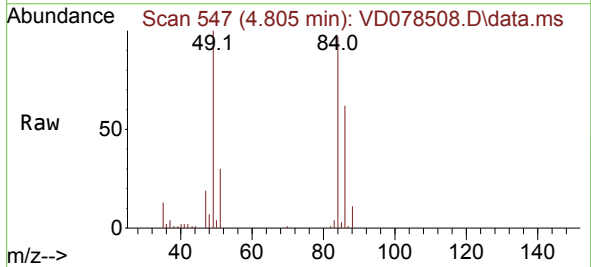
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

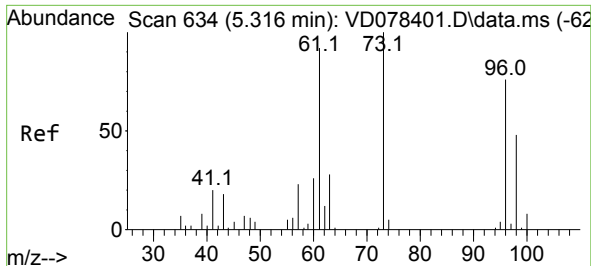
Tgt Ion: 73 Resp: 152543
Ion Ratio Lower Upper
73 100
57 20.6 16.6 25.0



#20
Methylene Chloride
Concen: 59.577 ug/l
RT: 4.805 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD078508.D
Acq: 21 Feb 2024 19:27

Tgt Ion: 84 Resp: 84322
Ion Ratio Lower Upper
84 100
49 102.7 71.4 107.2
51 30.4 24.5 36.7
86 63.2 48.7 73.1

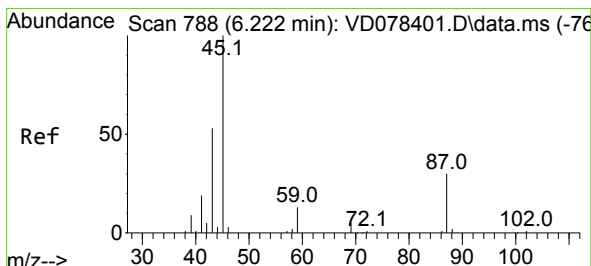
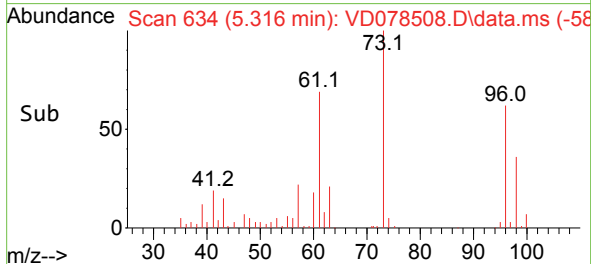
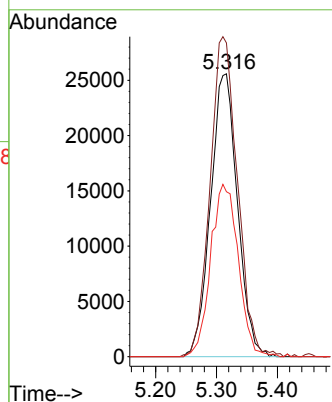
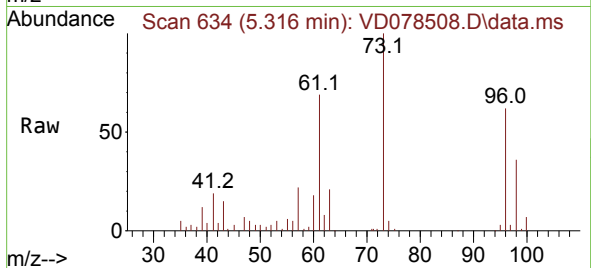




#21
trans-1,2-Dichloroethene
Concen: 52.538 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD078508.D
Acq: 21 Feb 2024 19:27

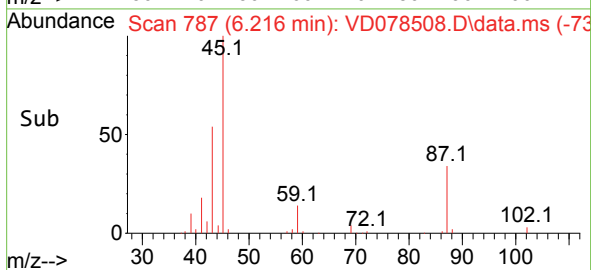
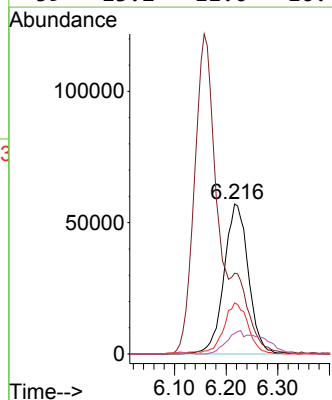
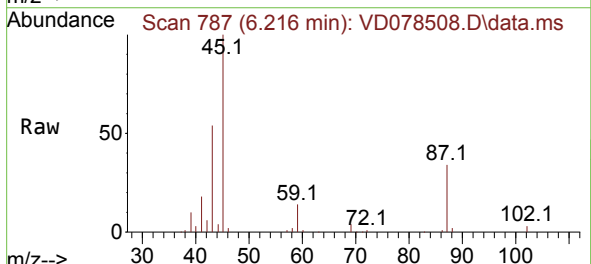
Instrument :
MSVOA_D
ClientSampleId :
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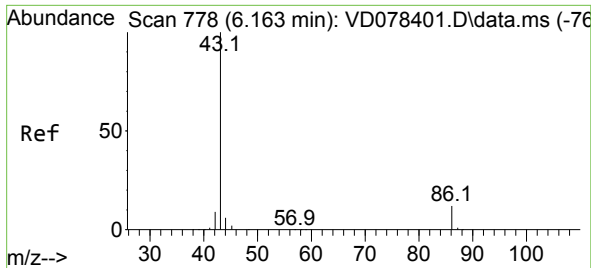
Tgt Ion: 96 Resp: 78637
Ion Ratio Lower Upper
96 100
61 110.9 89.3 133.9
98 58.3 48.6 73.0



#22
Diisopropyl ether
Concen: 53.769 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.006 min
Lab File: VD078508.D
Acq: 21 Feb 2024 19:27

Tgt Ion: 45 Resp: 186275
Ion Ratio Lower Upper
45 100
43 52.4 40.0 60.0
87 33.7 28.2 42.4
59 13.2 11.0 16.4

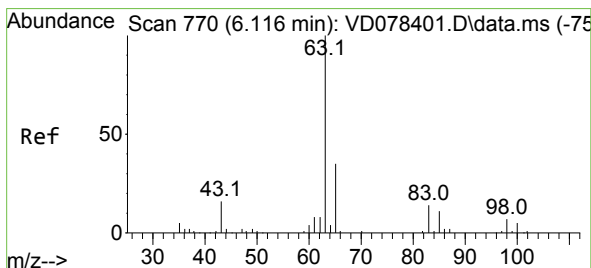
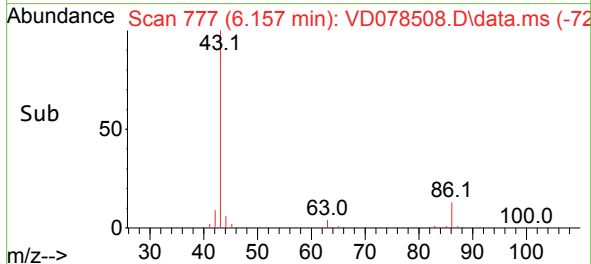
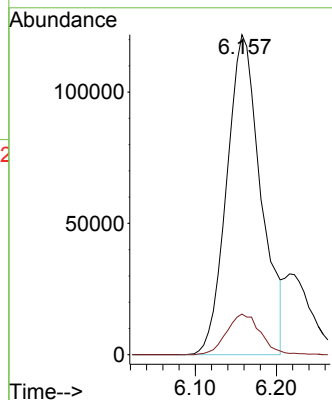
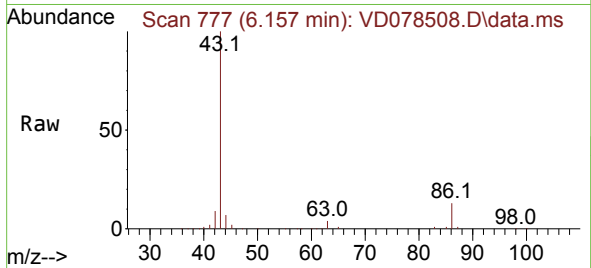




#23
 Vinyl Acetate
 Concen: 250.331 ug/l
 RT: 6.157 min Scan# 777
 Delta R.T. -0.006 min
 Lab File: VD078508.D
 Acq: 21 Feb 2024 19:27

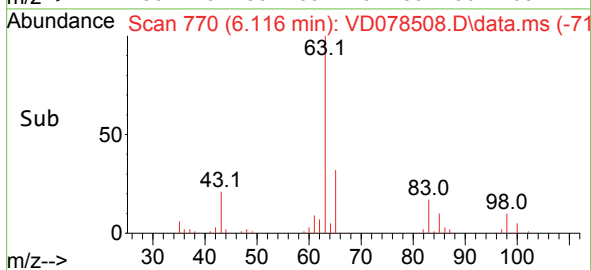
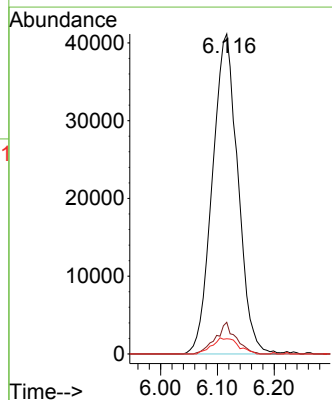
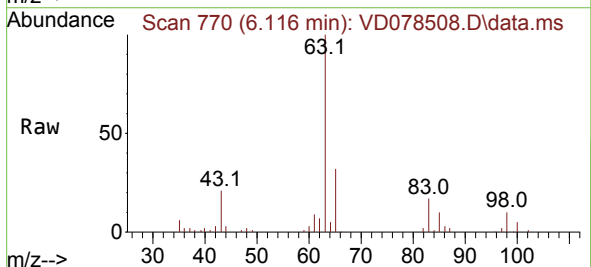
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

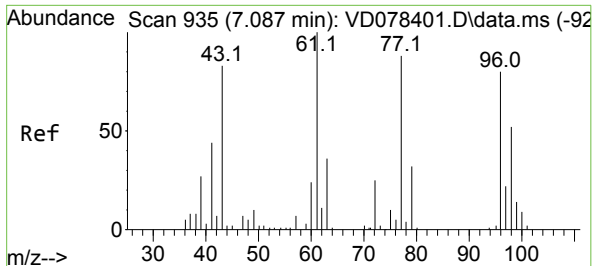
Tgt Ion: 43 Resp: 355408
 Ion Ratio Lower Upper
 43 100
 86 12.6 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 52.251 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. -0.000 min
 Lab File: VD078508.D
 Acq: 21 Feb 2024 19:27

Tgt Ion: 63 Resp: 128232
 Ion Ratio Lower Upper
 63 100
 98 9.9 4.5 13.7
 100 4.7 2.5 7.5

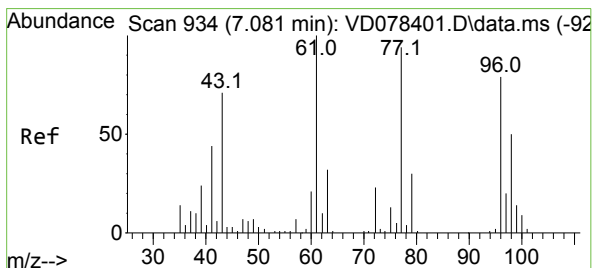
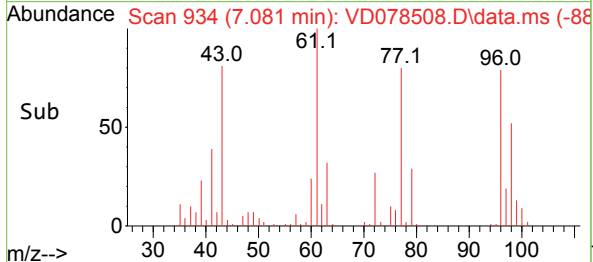
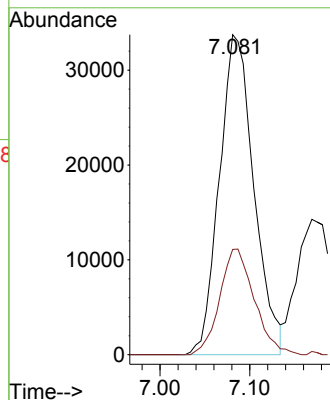
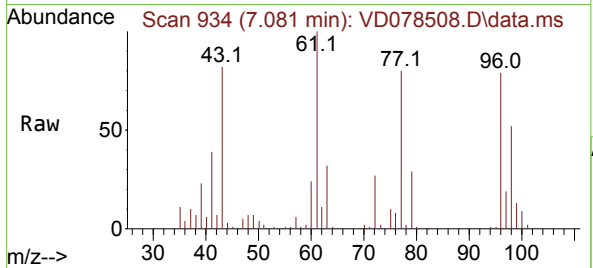




#25
2-Butanone
Concen: 284.197 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD078508.D
Acq: 21 Feb 2024 19:27

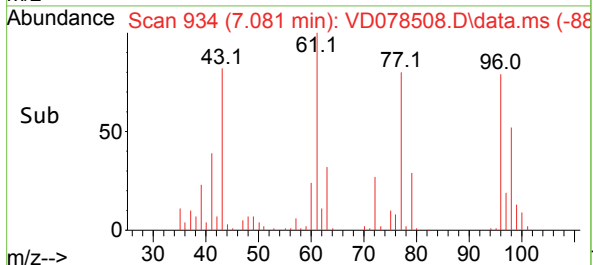
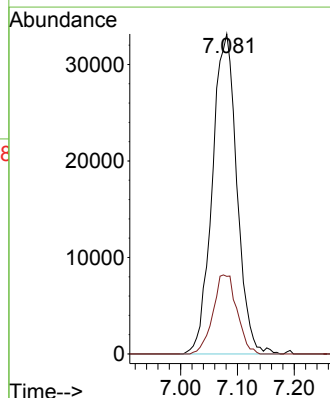
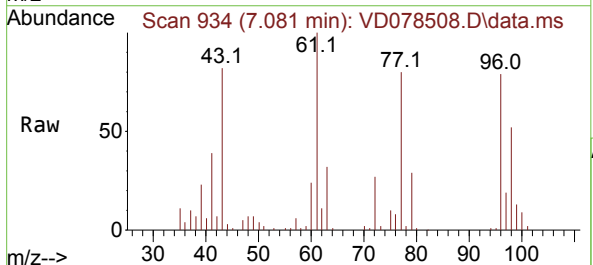
Instrument :
MSVOA_D
ClientSampleId :
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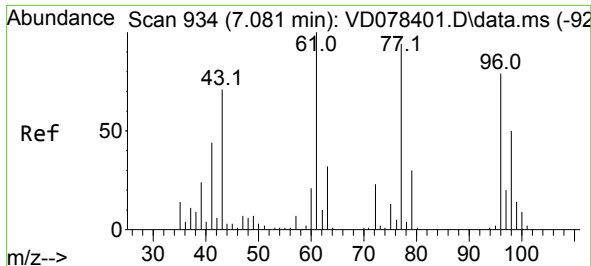
Tgt Ion: 43 Resp: 90180
Ion Ratio Lower Upper
43 100
72 32.9 30.7 46.1



#26
2,2-Dichloropropane
Concen: 48.556 ug/l
RT: 7.081 min Scan# 934
Delta R.T. -0.000 min
Lab File: VD078508.D
Acq: 21 Feb 2024 19:27

Tgt Ion: 77 Resp: 99895
Ion Ratio Lower Upper
77 100
97 24.1 13.2 39.6

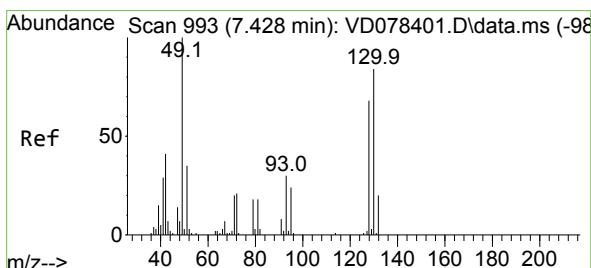
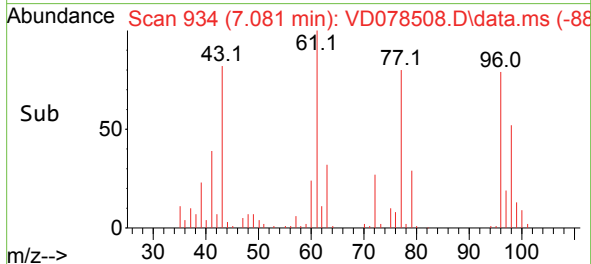
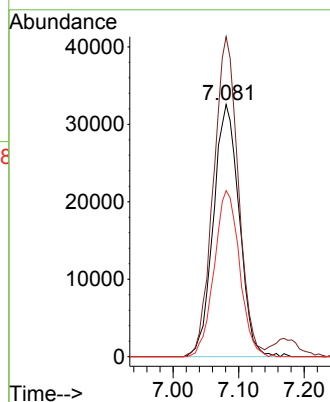
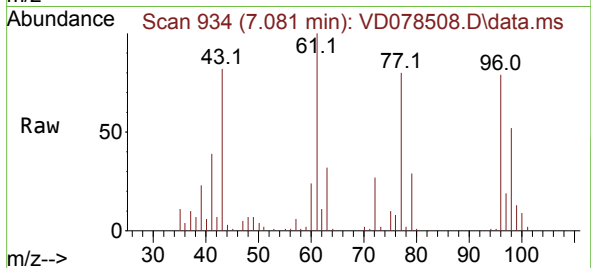




#27
cis-1,2-Dichloroethene
Concen: 54.075 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD078508.D
Acq: 21 Feb 2024 19:27

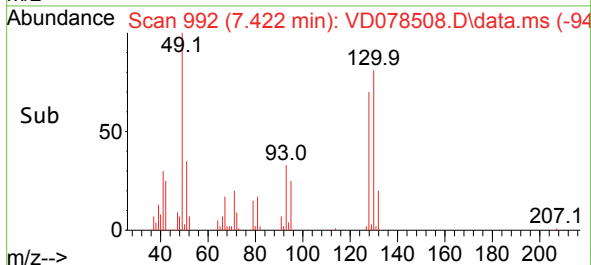
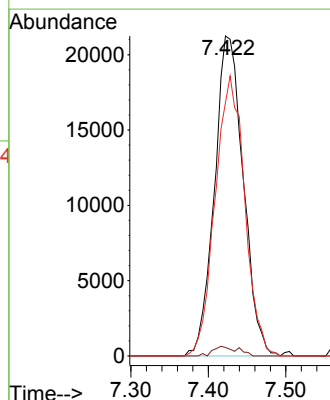
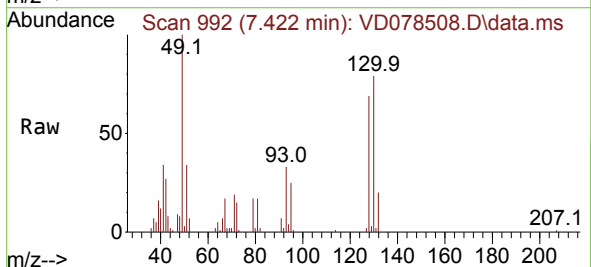
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

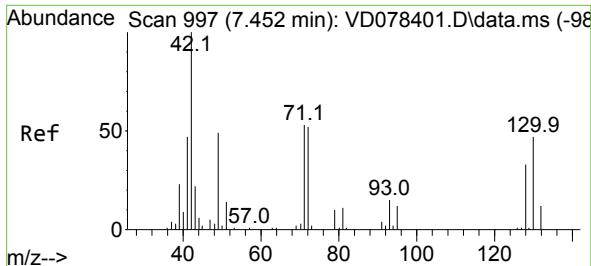
Tgt Ion: 96 Resp: 88802
Ion Ratio Lower Upper
96 100
61 122.6 0.0 239.2
98 64.8 0.0 128.6



#28
Bromochloromethane
Concen: 56.402 ug/l
RT: 7.422 min Scan# 992
Delta R.T. -0.006 min
Lab File: VD078508.D
Acq: 21 Feb 2024 19:27

Tgt Ion: 49 Resp: 54825
Ion Ratio Lower Upper
49 100
129 2.6 0.0 6.0
130 89.7 83.2 124.8

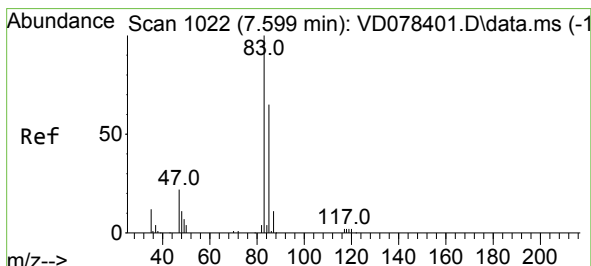
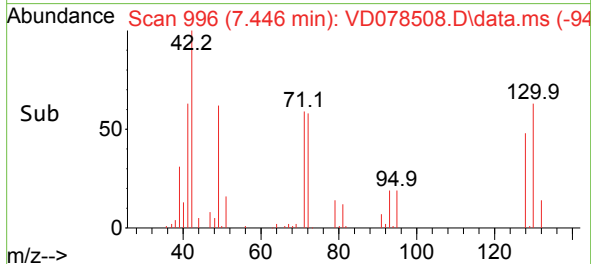
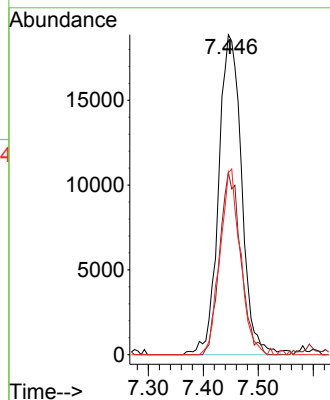
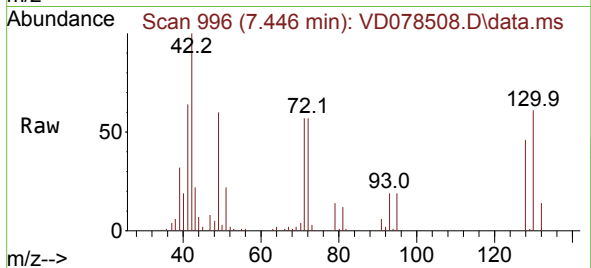




#29
Tetrahydrofuran
Concen: 292.280 ug/l
RT: 7.446 min Scan# 996
Delta R.T. -0.006 min
Lab File: VD078508.D
Acq: 21 Feb 2024 19:27

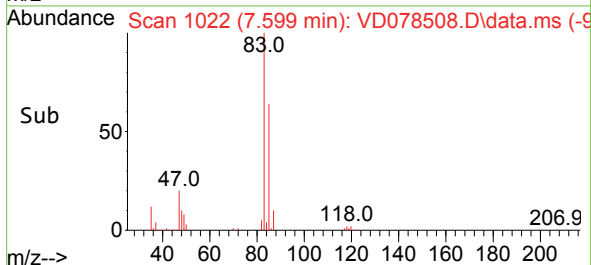
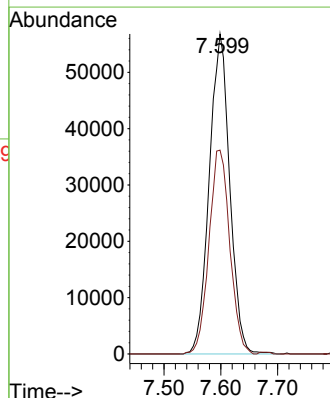
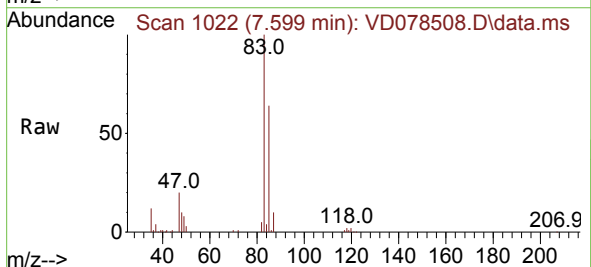
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

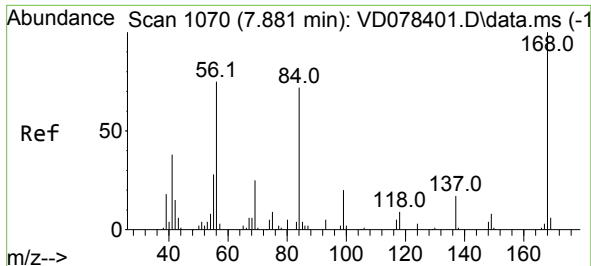
Tgt Ion: 42 Resp: 54853
Ion Ratio Lower Upper
42 100
72 52.6 46.5 69.7
71 51.4 44.5 66.7



#30
Chloroform
Concen: 54.584 ug/l
RT: 7.599 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VD078508.D
Acq: 21 Feb 2024 19:27

Tgt Ion: 83 Resp: 141732
Ion Ratio Lower Upper
83 100
85 63.7 53.4 80.2

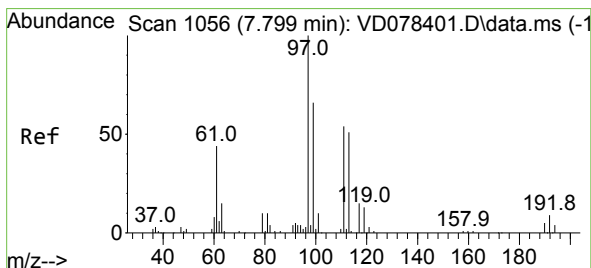
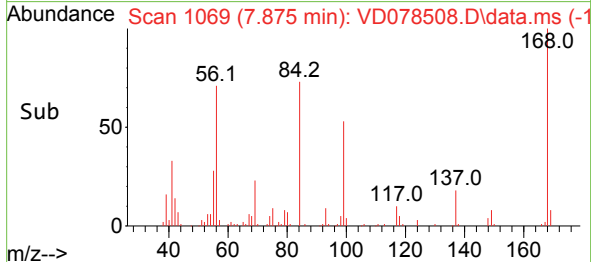
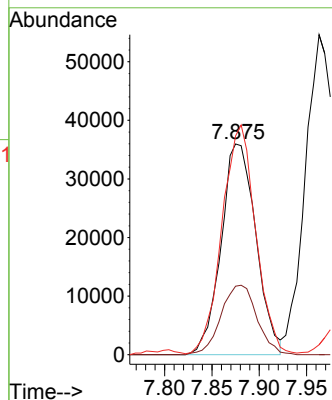
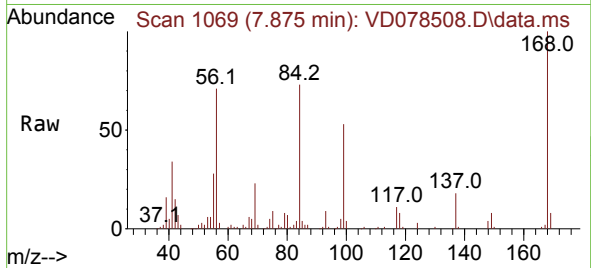




#31
Cyclohexane
Concen: 43.185 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078508.D
Acq: 21 Feb 2024 19:27

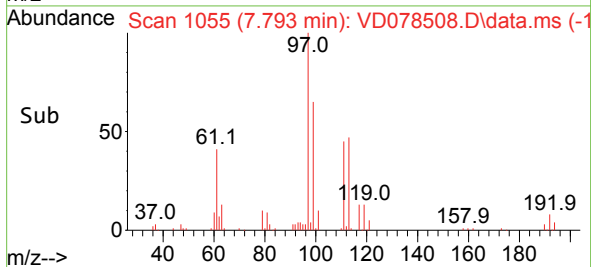
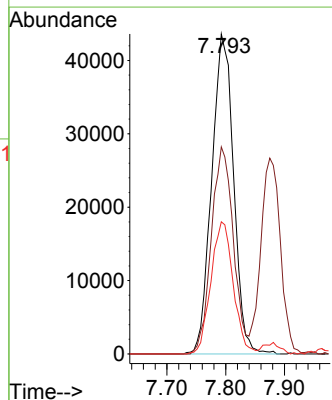
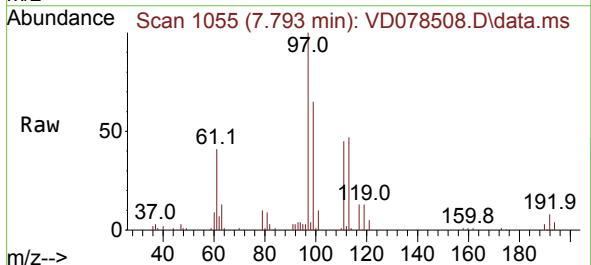
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

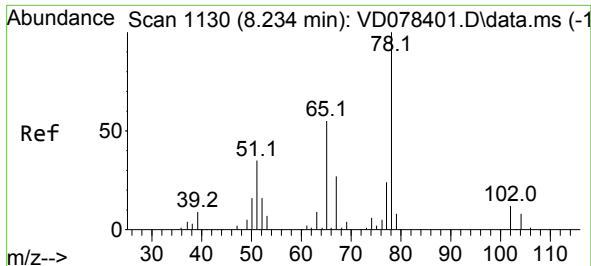
Tgt Ion: 56 Resp: 92187
Ion Ratio Lower Upper
56 100
69 32.5 28.6 43.0
84 102.7 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 50.888 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VD078508.D
Acq: 21 Feb 2024 19:27

Tgt Ion: 97 Resp: 112657
Ion Ratio Lower Upper
97 100
99 65.3 52.0 78.0
61 42.1 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 54.762 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD078508.D

Acq: 21 Feb 2024 19:27

Instrument :

MSVOA_D

ClientSampleId :

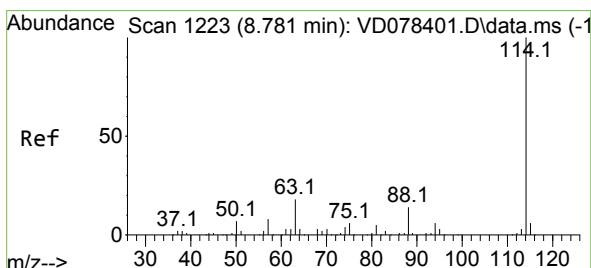
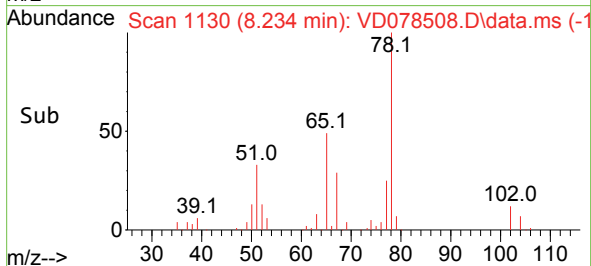
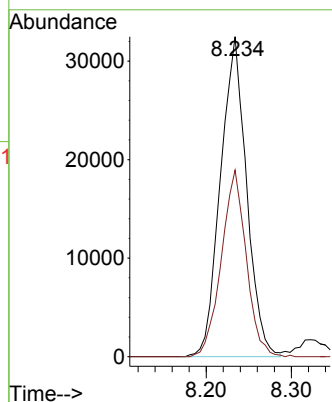
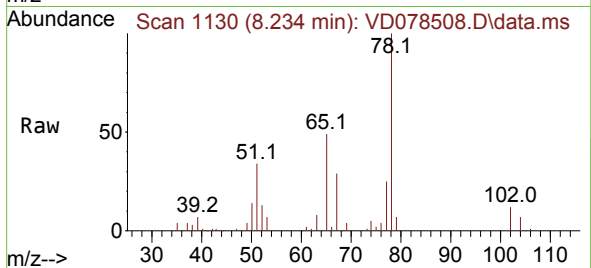
VSTDCCC050EC

Tgt Ion: 65 Resp: 69107

Ion Ratio Lower Upper

65 100

67 55.7 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. -0.000 min

Lab File: VD078508.D

Acq: 21 Feb 2024 19:27

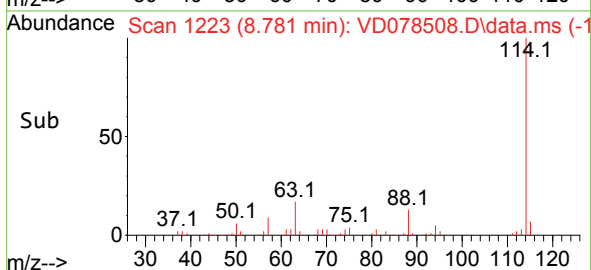
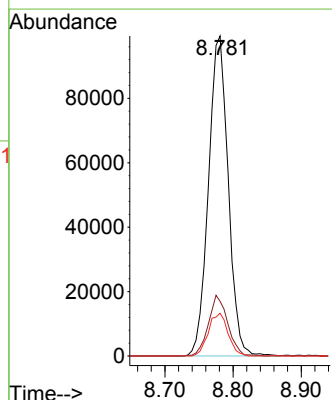
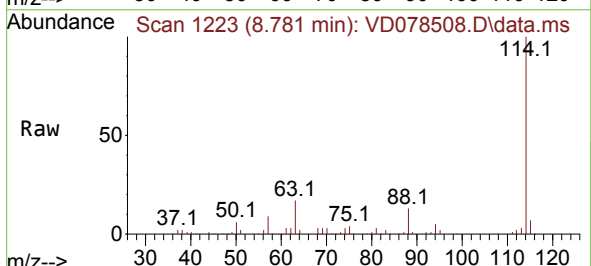
Tgt Ion: 114 Resp: 200317

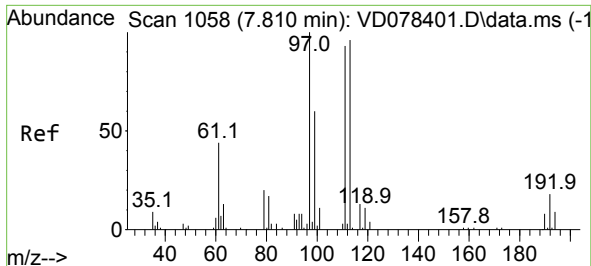
Ion Ratio Lower Upper

114 100

63 17.1 0.0 33.4

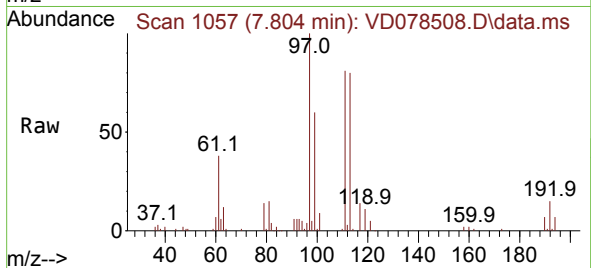
88 13.4 0.0 26.2



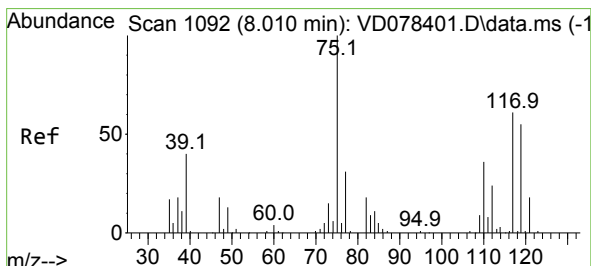
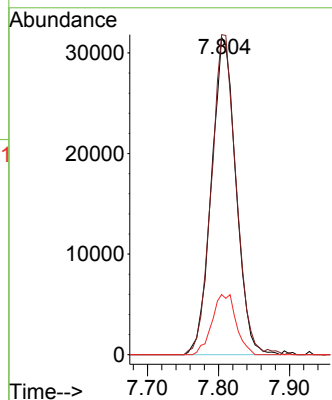
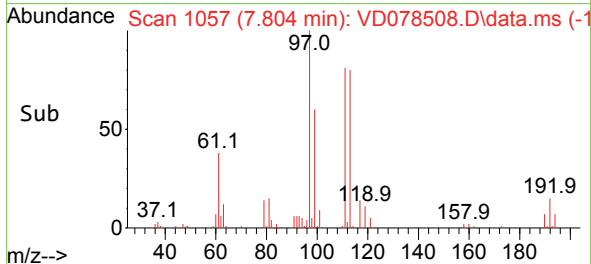


#35
Dibromofluoromethane
Concen: 59.290 ug/l
RT: 7.804 min Scan# 1058
Delta R.T. -0.006 min
Lab File: VD078508.D
Acq: 21 Feb 2024 19:27

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

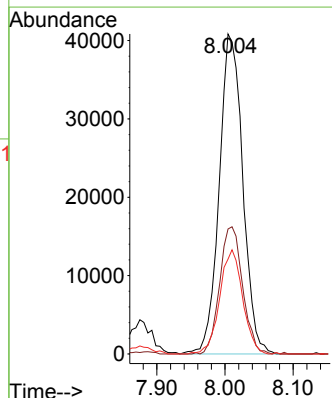
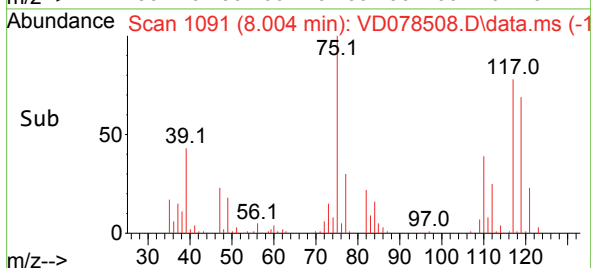
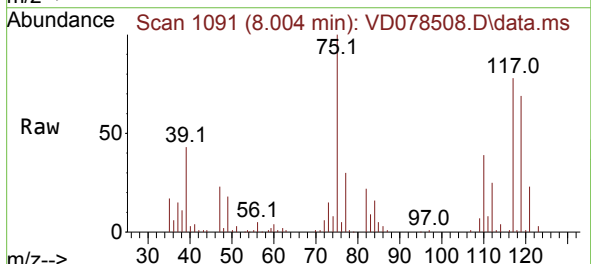


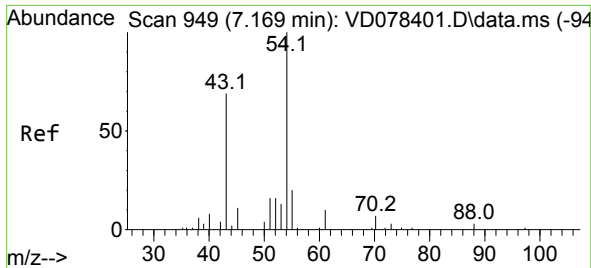
Tgt Ion:113 Resp: 75444
Ion Ratio Lower Upper
113 100
111 101.7 84.7 127.1
192 18.7 16.8 25.2



#36
1,1-Dichloropropene
Concen: 49.647 ug/l
RT: 8.004 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VD078508.D
Acq: 21 Feb 2024 19:27

Tgt Ion: 75 Resp: 98138
Ion Ratio Lower Upper
75 100
110 38.8 19.9 59.6
77 31.8 24.7 37.1

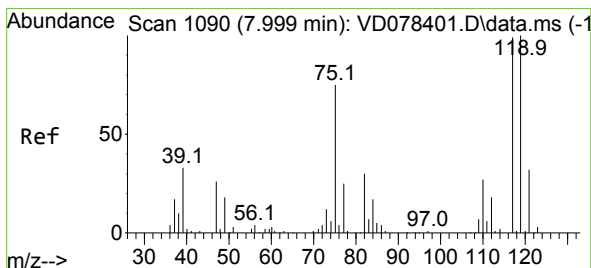
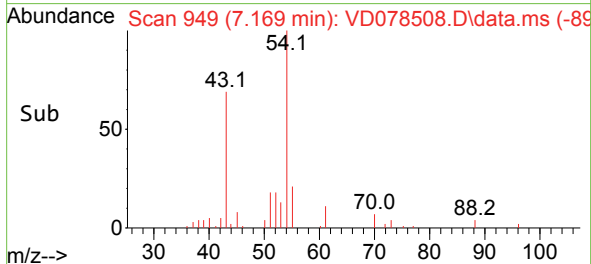
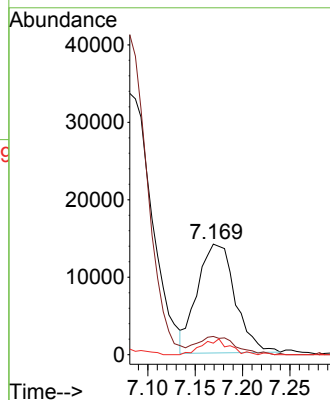
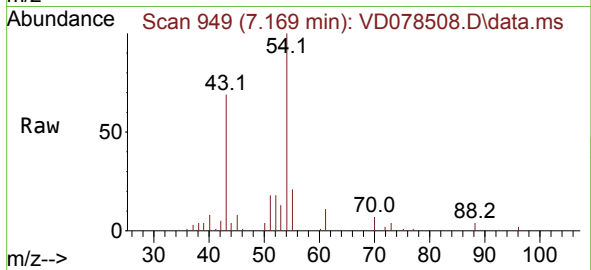




#37
Ethyl Acetate
Concen: 56.106 ug/l
RT: 7.169 min Scan# 949
Delta R.T. -0.000 min
Lab File: VD078508.D
Acq: 21 Feb 2024 19:27

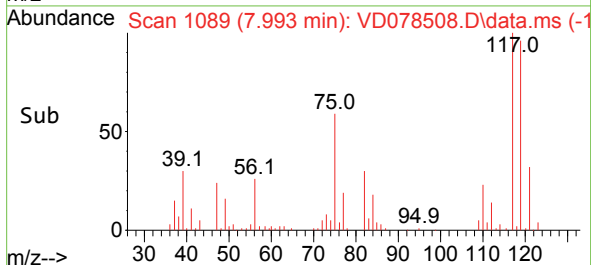
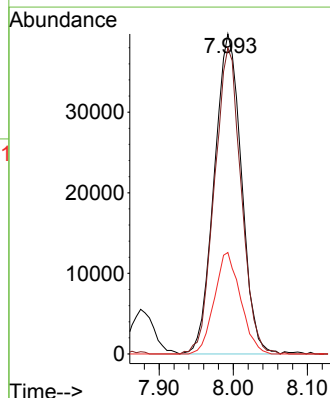
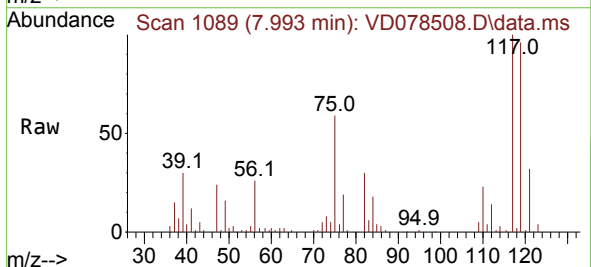
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

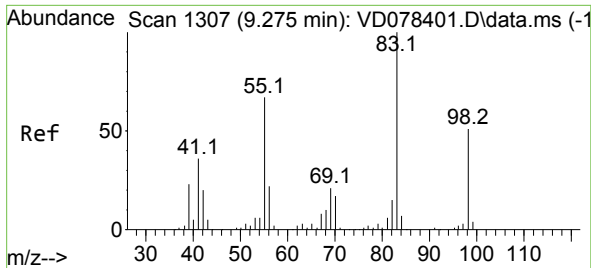
Tgt Ion: 43 Resp: 38878
Ion Ratio Lower Upper
43 100
61 17.2 14.9 22.3
70 10.6 10.0 15.0



#38
Carbon Tetrachloride
Concen: 51.599 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD078508.D
Acq: 21 Feb 2024 19:27

Tgt Ion: 117 Resp: 101011
Ion Ratio Lower Upper
117 100
119 95.6 78.0 117.0
121 31.7 24.2 36.2

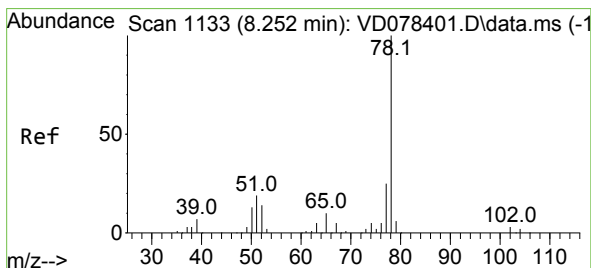
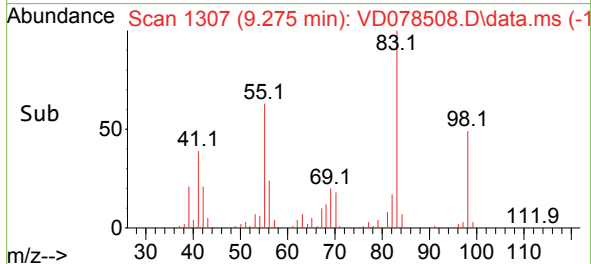
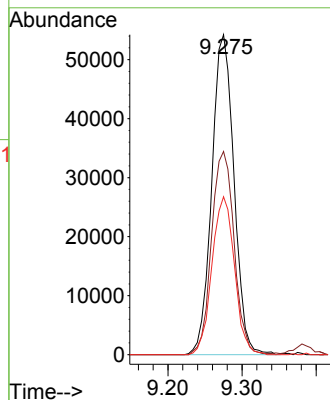
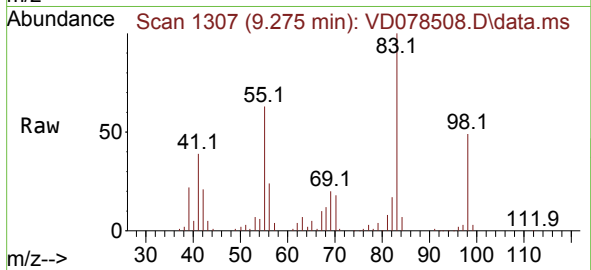




#39
Methylcyclohexane
Concen: 48.073 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078508.D
Acq: 21 Feb 2024 19:27

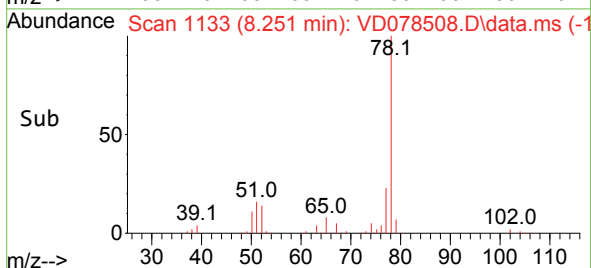
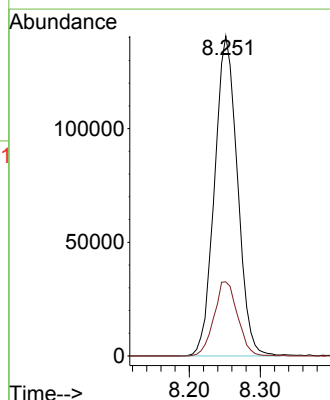
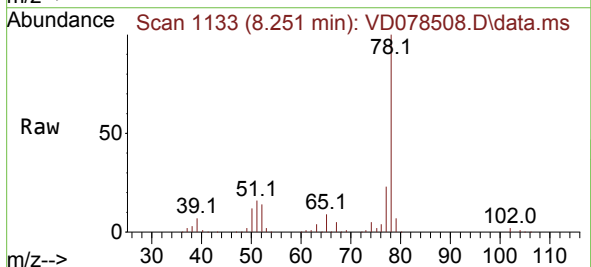
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

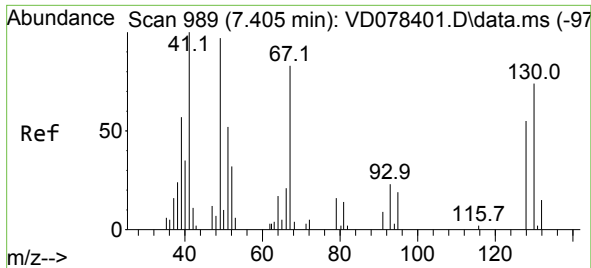
Tgt Ion: 83 Resp: 112812
Ion Ratio Lower Upper
83 100
55 63.5 49.4 74.0
98 49.4 38.4 57.6



#40
Benzene
Concen: 55.031 ug/l
RT: 8.251 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD078508.D
Acq: 21 Feb 2024 19:27

Tgt Ion: 78 Resp: 314427
Ion Ratio Lower Upper
78 100
77 23.1 19.4 29.0

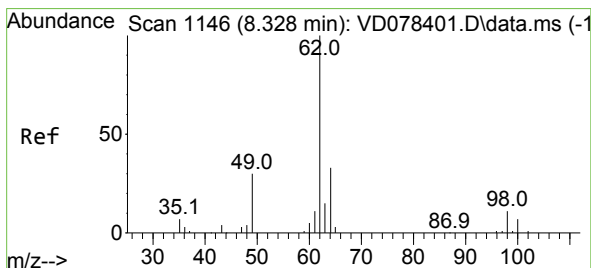
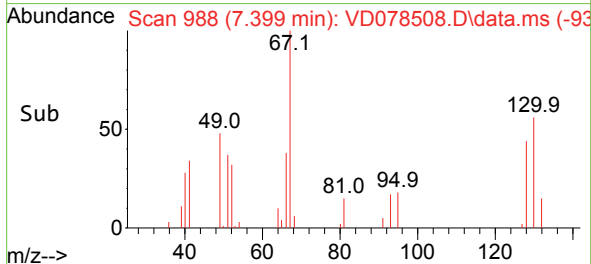
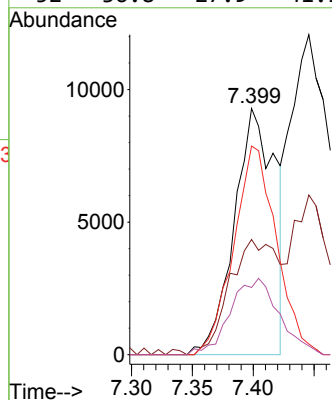
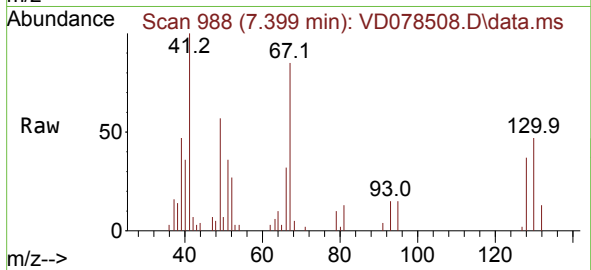




#41
Methacrylonitrile
Concen: 60.351 ug/l
RT: 7.399 min Scan# 911
Delta R.T. -0.006 min
Lab File: VD078508.D
Acq: 21 Feb 2024 19:27

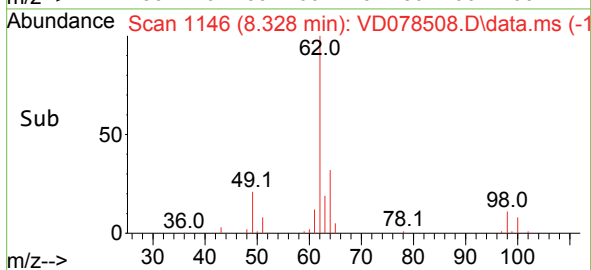
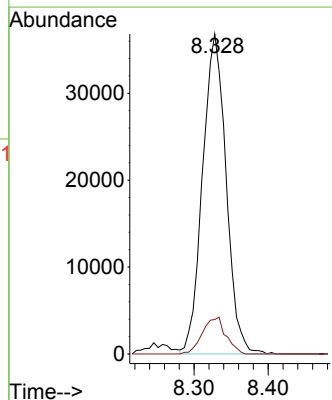
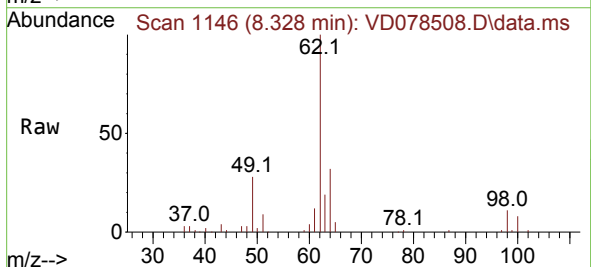
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

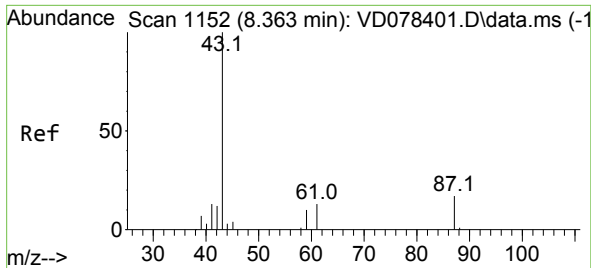
Tgt Ion: 41 Resp: 21764
Ion Ratio Lower Upper
41 100
39 54.0 34.0 51.0#
67 88.4 77.0 115.4
52 36.8 27.9 41.9



#42
1,2-Dichloroethane
Concen: 55.036 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD078508.D
Acq: 21 Feb 2024 19:27

Tgt Ion: 62 Resp: 81364
Ion Ratio Lower Upper
62 100
98 11.4 0.0 25.4

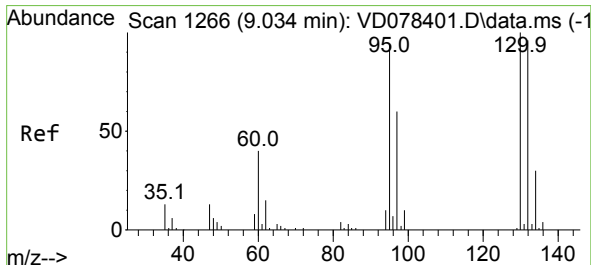
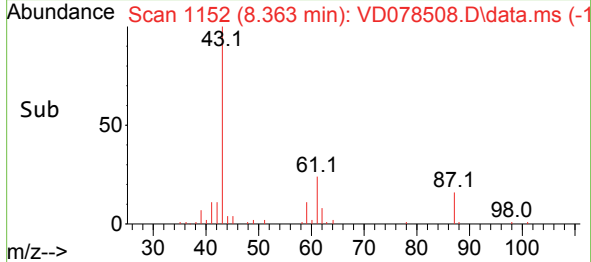
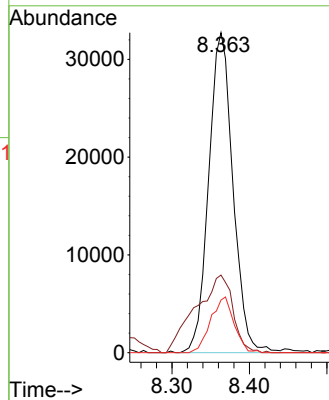
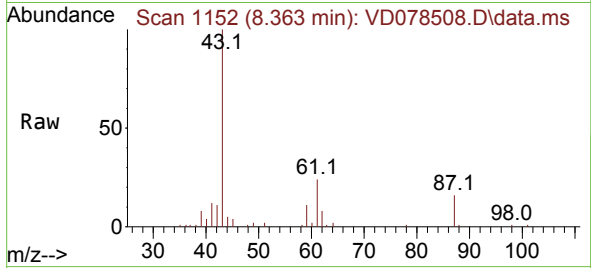




#43
Isopropyl Acetate
Concen: 55.507 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. -0.000 min
Lab File: VD078508.D
Acq: 21 Feb 2024 19:27

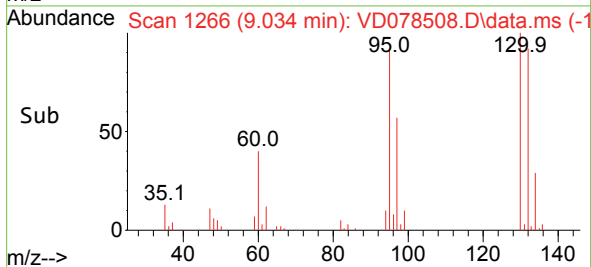
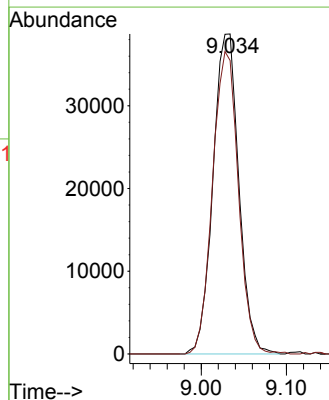
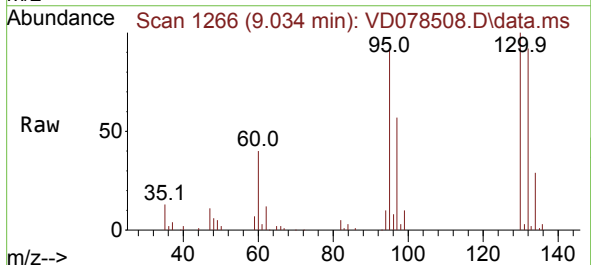
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

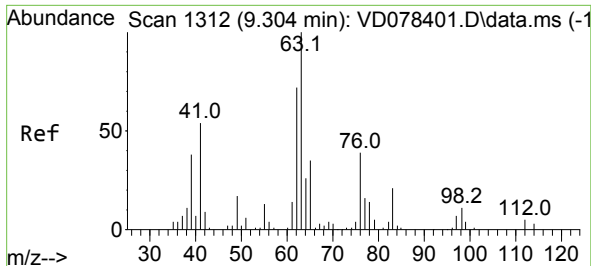
Tgt Ion: 43	Resp: 71223
Ion Ratio	Lower Upper
43 100	
61 37.0	31.4 47.0
87 16.8	14.9 22.3



#44
Trichloroethene
Concen: 55.842 ug/l
RT: 9.034 min Scan# 1266
Delta R.T. -0.000 min
Lab File: VD078508.D
Acq: 21 Feb 2024 19:27

Tgt Ion:130	Resp:	81397	
Ion	Ratio	Lower	Upper
130	100		
95	91.7	0.0	179.2

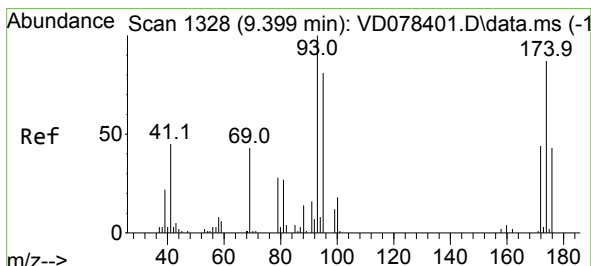
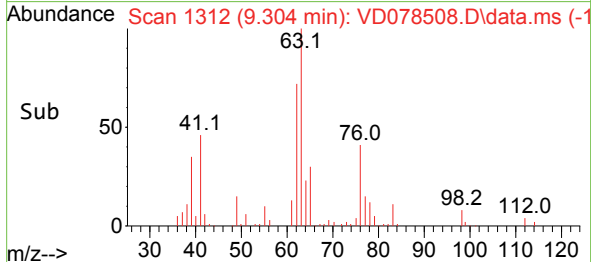
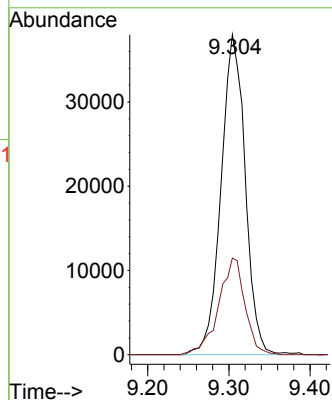
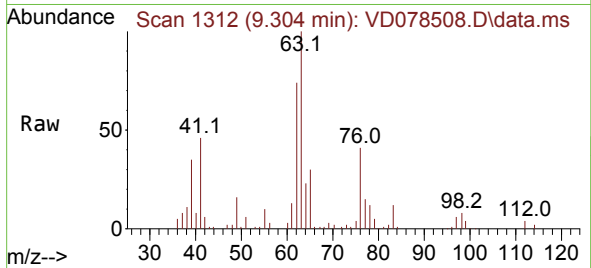




#45
1,2-Dichloropropane
Concen: 55.921 ug/l
RT: 9.304 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078508.D
Acq: 21 Feb 2024 19:27

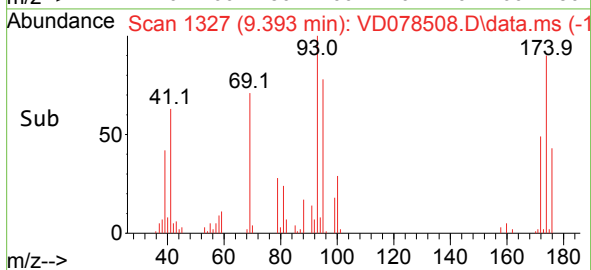
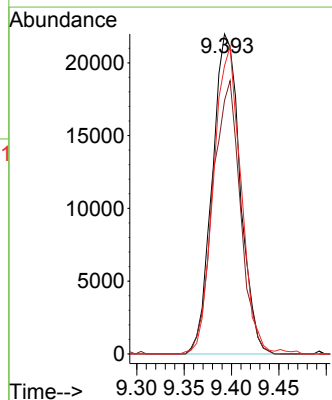
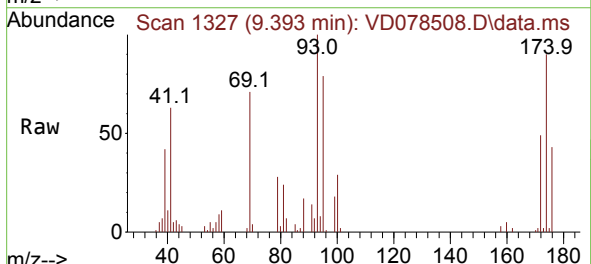
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

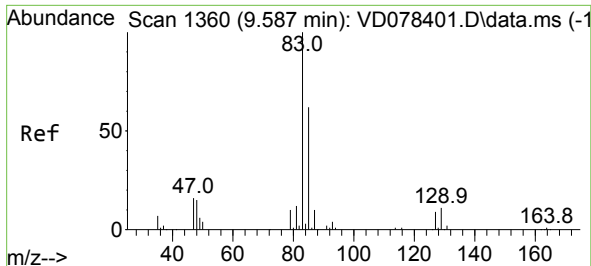
Tgt Ion: 63 Resp: 78394
Ion Ratio Lower Upper
63 100
65 30.2 24.5 36.7



#46
Dibromomethane
Concen: 56.886 ug/l
RT: 9.393 min Scan# 1327
Delta R.T. -0.006 min
Lab File: VD078508.D
Acq: 21 Feb 2024 19:27

Tgt Ion: 93 Resp: 44855
Ion Ratio Lower Upper
93 100
95 84.5 67.7 101.5
174 94.4 85.4 128.2

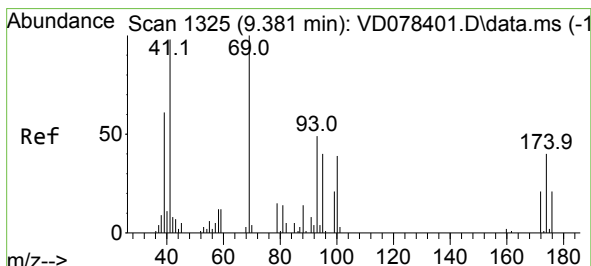
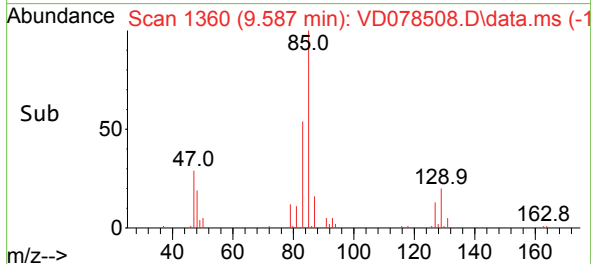
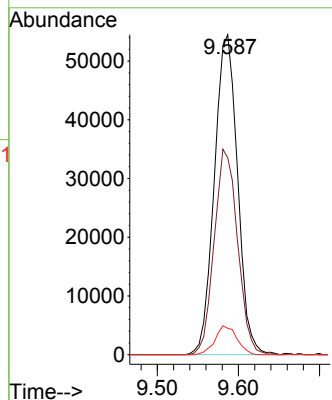
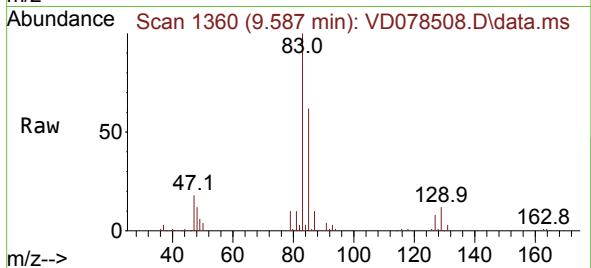




#47
Bromodichloromethane
Concen: 55.464 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD078508.D
Acq: 21 Feb 2024 19:27

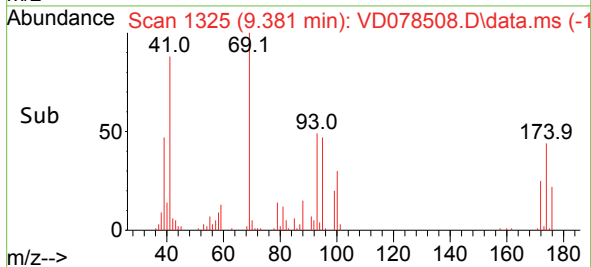
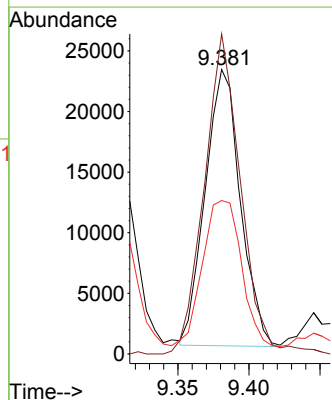
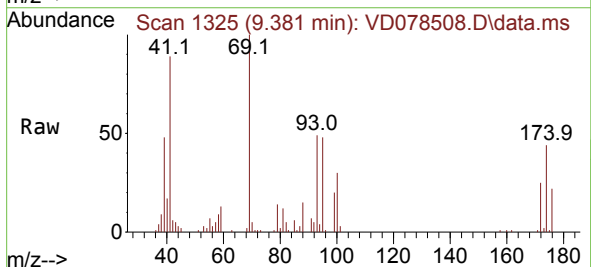
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

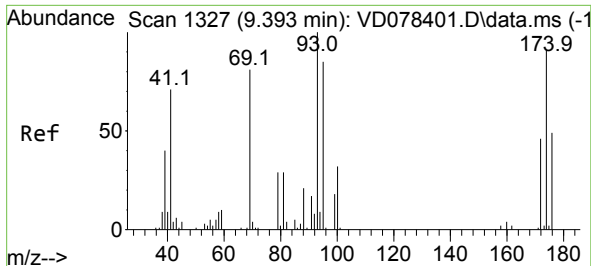
Tgt Ion: 83 Resp: 108321
Ion Ratio Lower Upper
83 100
85 61.5 50.2 75.4
127 8.2 6.3 9.5



#48
Methyl methacrylate
Concen: 57.739 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD078508.D
Acq: 21 Feb 2024 19:27

Tgt Ion: 41 Resp: 39306
Ion Ratio Lower Upper
41 100
69 119.7 102.2 153.2
39 65.2 41.4 62.2#





#49

1,4-Dioxane

Concen: 1215.457 ug/l

RT: 9.387 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD078508.D

Acq: 21 Feb 2024 19:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

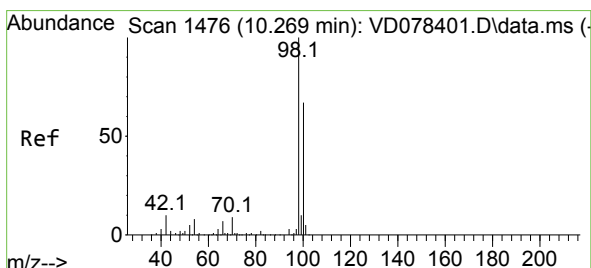
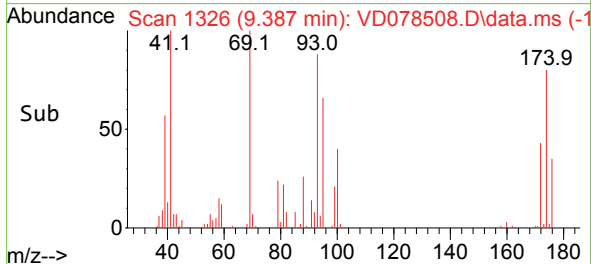
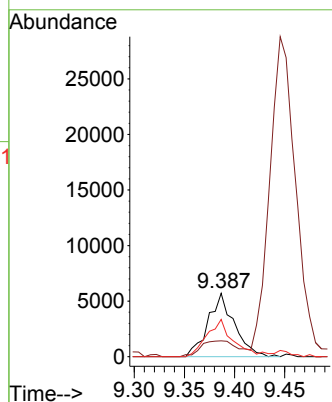
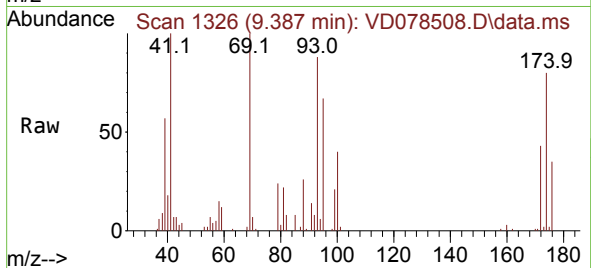
Tgt Ion: 88 Resp: 10379

Ion Ratio Lower Upper

88 100

43 31.9 19.0 28.6#

58 59.3 43.5 65.3



#50

Toluene-d8

Concen: 57.400 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD078508.D

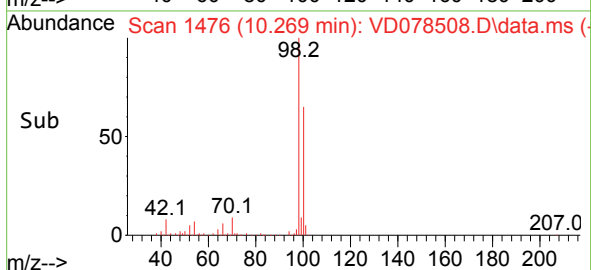
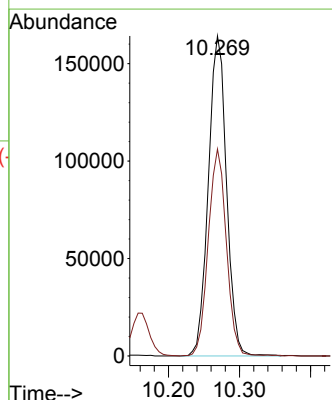
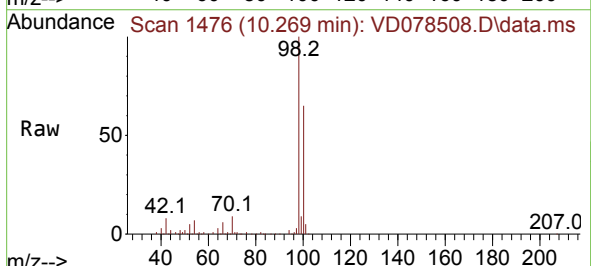
Acq: 21 Feb 2024 19:27

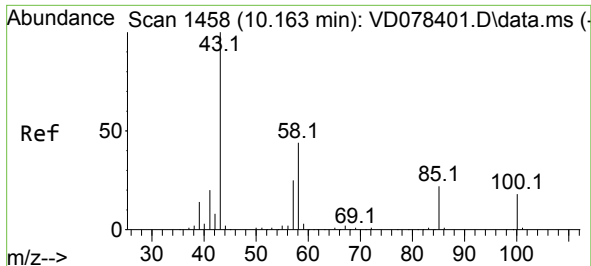
Tgt Ion: 98 Resp: 292174

Ion Ratio Lower Upper

98 100

100 64.6 50.3 75.5

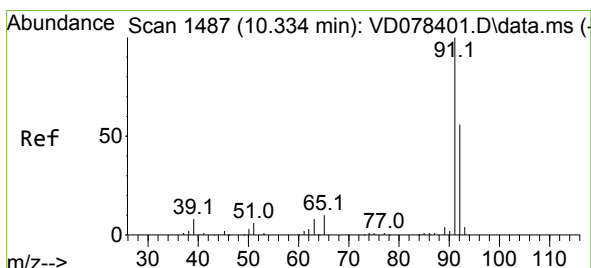
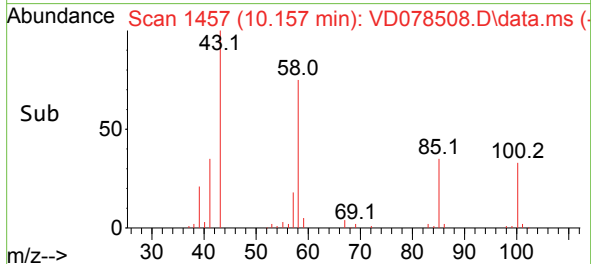
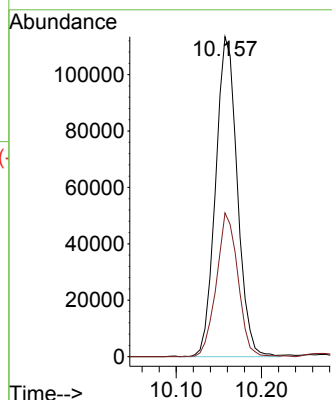
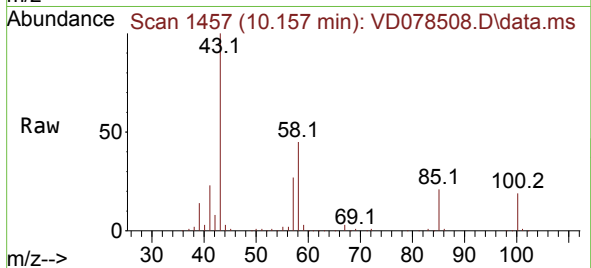




#51
4-Methyl-2-Pentanone
Concen: 295.110 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.006 min
Lab File: VD078508.D
Acq: 21 Feb 2024 19:27

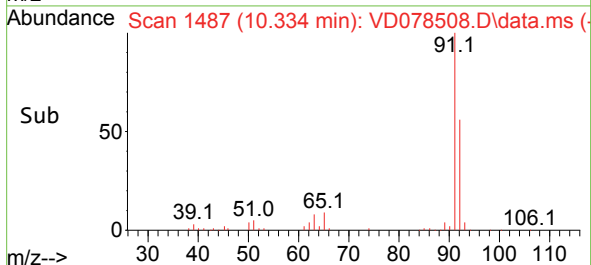
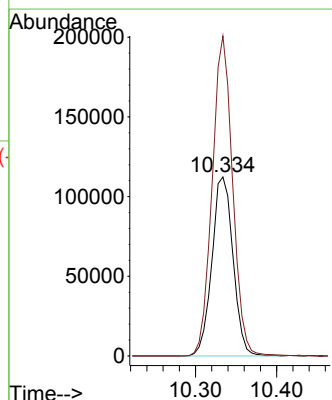
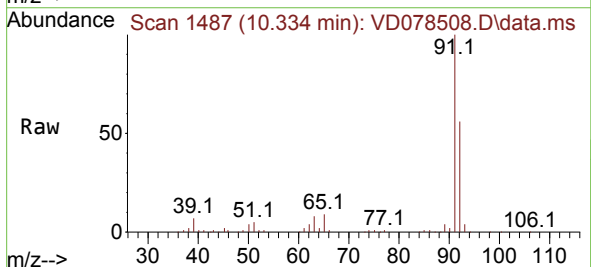
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

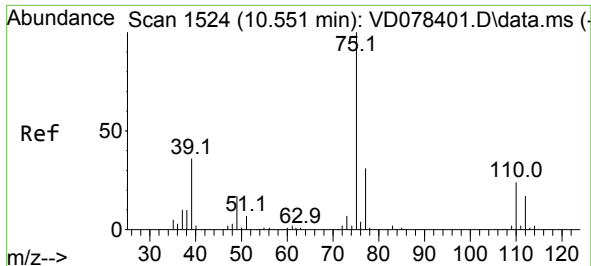
Tgt Ion: 43 Resp: 200977
Ion Ratio Lower Upper
43 100
58 44.5 38.9 58.3



#52
Toluene
Concen: 56.140 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD078508.D
Acq: 21 Feb 2024 19:27

Tgt Ion: 92 Resp: 202844
Ion Ratio Lower Upper
92 100
91 173.3 143.0 214.4

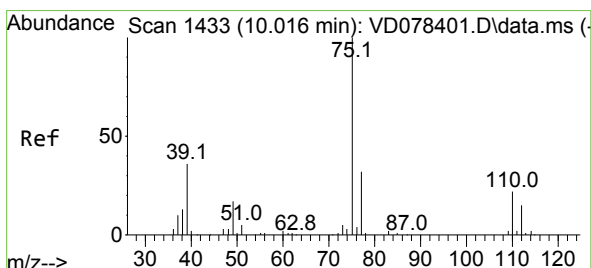
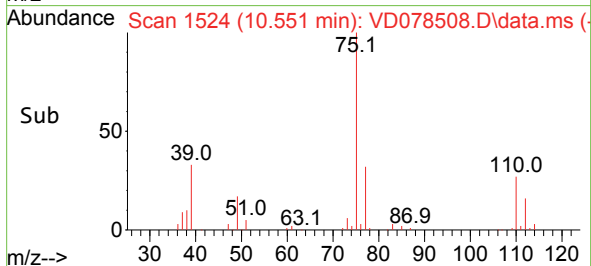
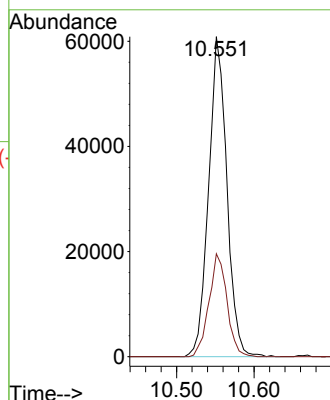
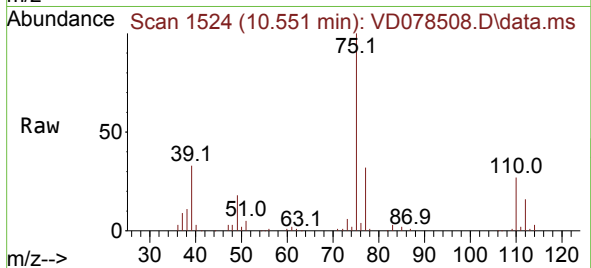




#53
t-1,3-Dichloropropene
Concen: 56.002 ug/l
RT: 10.551 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VD078508.D
Acq: 21 Feb 2024 19:27

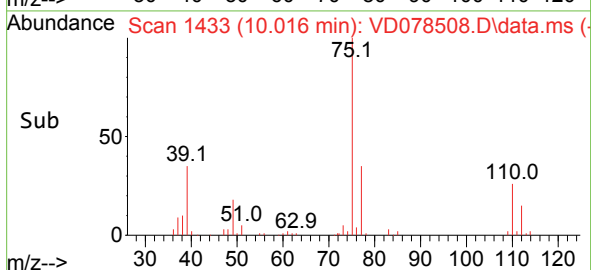
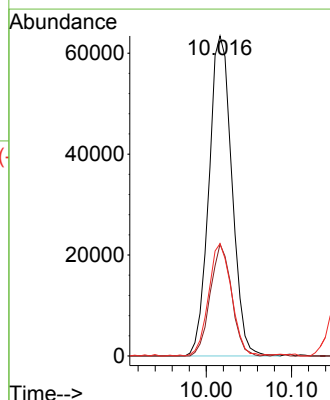
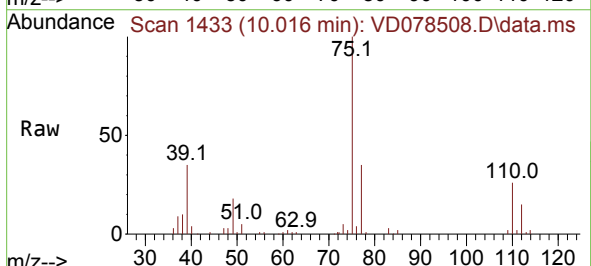
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

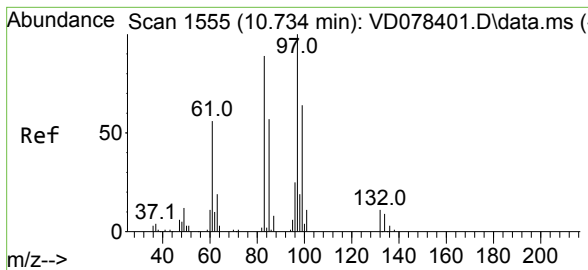
Tgt Ion: 75 Resp: 99799
Ion Ratio Lower Upper
75 100
77 32.1 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 54.885 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD078508.D
Acq: 21 Feb 2024 19:27

Tgt Ion: 75 Resp: 118600
Ion Ratio Lower Upper
75 100
77 35.0 25.5 38.3
39 34.8 22.1 33.1#

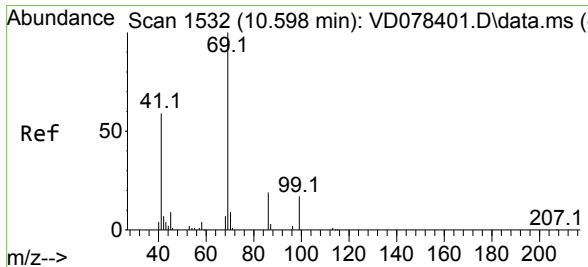
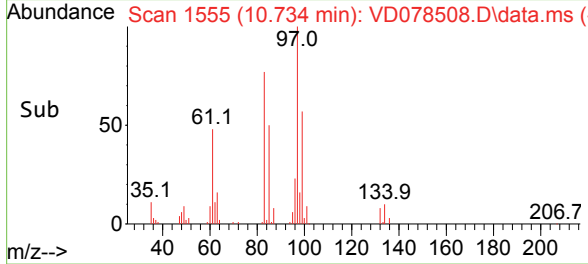
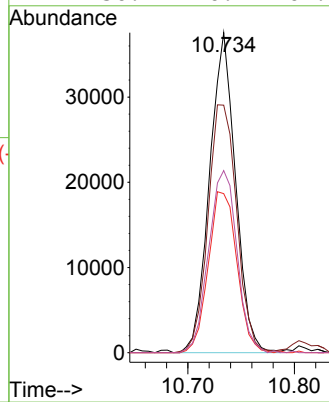
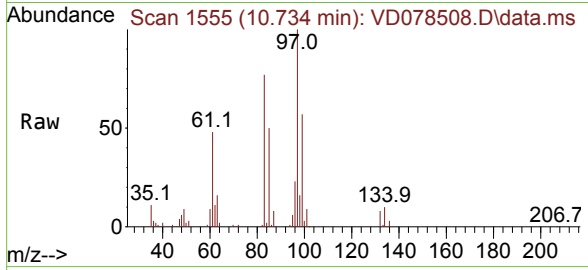




#55
1,1,2-Trichloroethane
Concen: 59.956 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD078508.D
Acq: 21 Feb 2024 19:27

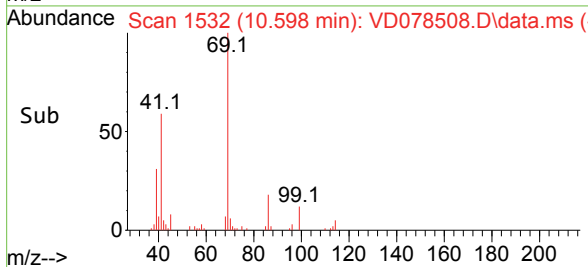
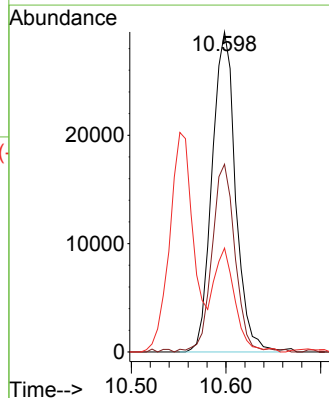
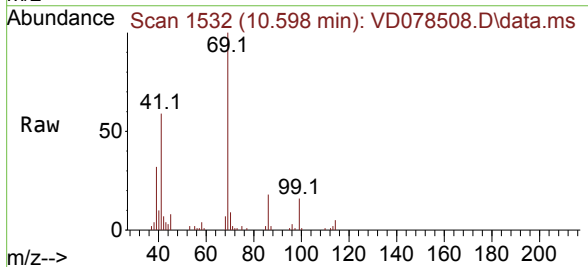
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

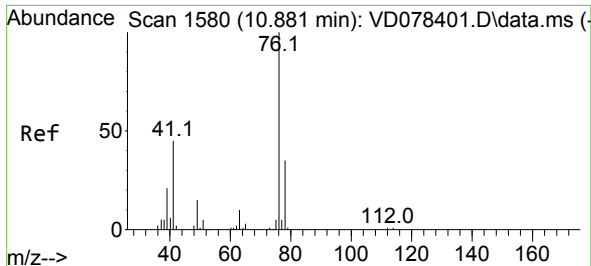
Tgt Ion: 97	Resp: 63665
Ion Ratio	Lower Upper
97 100	
83 76.9	65.8 98.6
85 49.7	45.7 68.5
99 56.9	46.2 69.4



#56
Ethyl methacrylate
Concen: 51.762 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. -0.000 min
Lab File: VD078508.D
Acq: 21 Feb 2024 19:27

Tgt Ion: 69	Resp: 50834
Ion Ratio	Lower Upper
69 100	
41 58.0	39.1 58.7
39 28.7	20.0 30.0

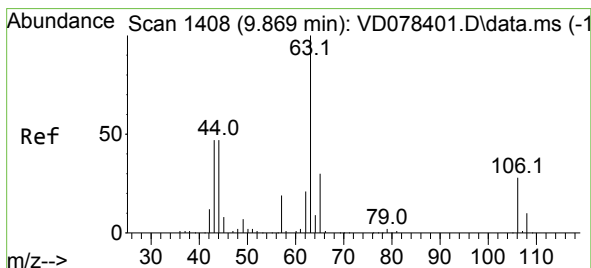
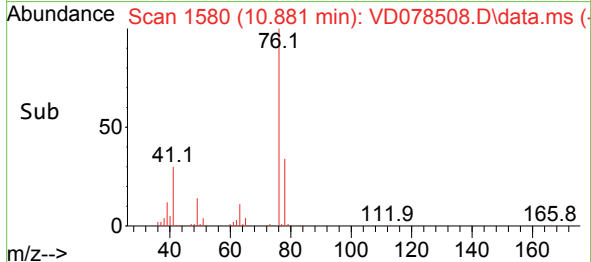
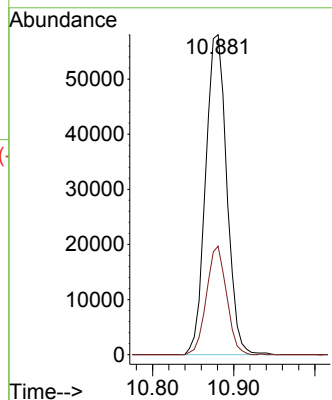
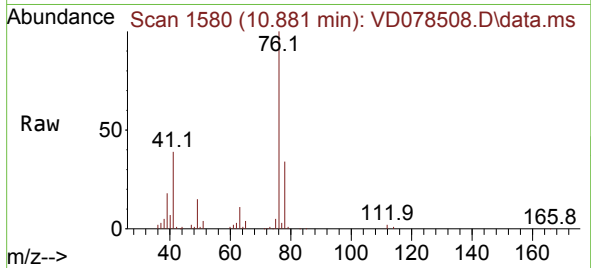




#57
1,3-Dichloropropane
Concen: 58.169 ug/l
RT: 10.881 min Scan# 1580
Delta R.T. -0.000 min
Lab File: VD078508.D
Acq: 21 Feb 2024 19:27

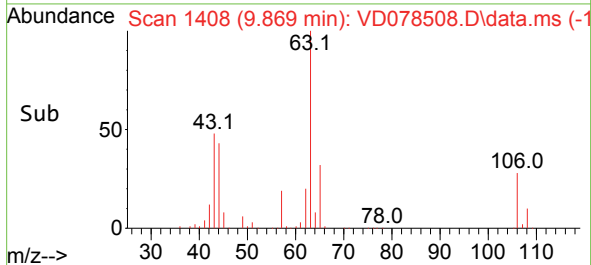
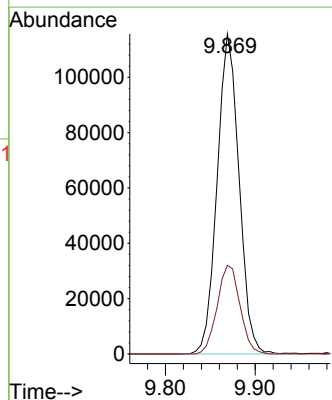
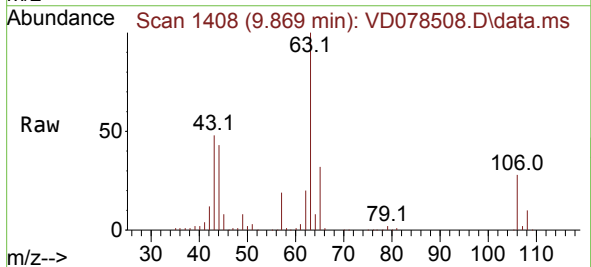
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

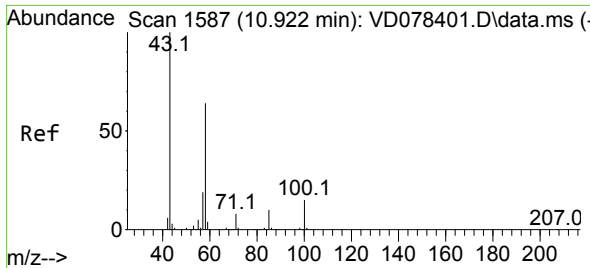
Tgt Ion: 76 Resp: 105071
Ion Ratio Lower Upper
76 100
78 32.1 26.4 39.6



#58
2-Chloroethyl Vinyl ether
Concen: 338.137 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. -0.000 min
Lab File: VD078508.D
Acq: 21 Feb 2024 19:27

Tgt Ion: 63 Resp: 195607
Ion Ratio Lower Upper
63 100
106 28.8 25.3 37.9

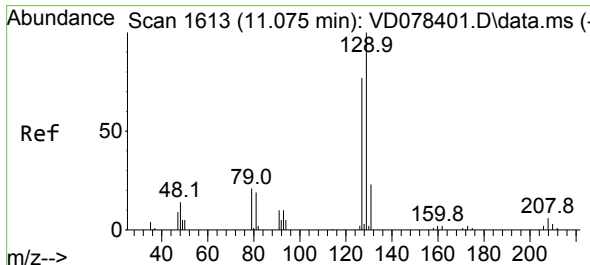
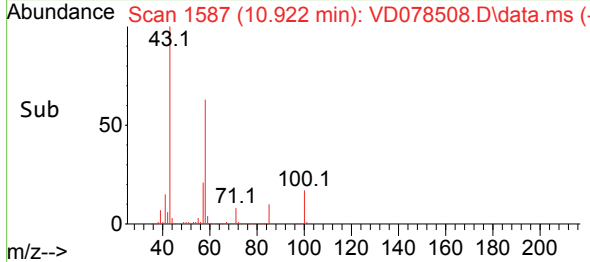
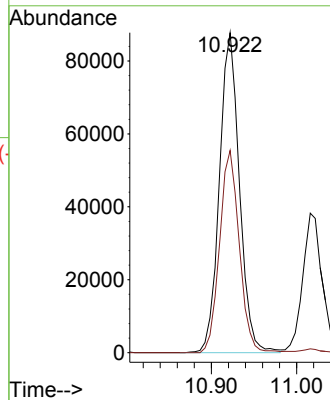
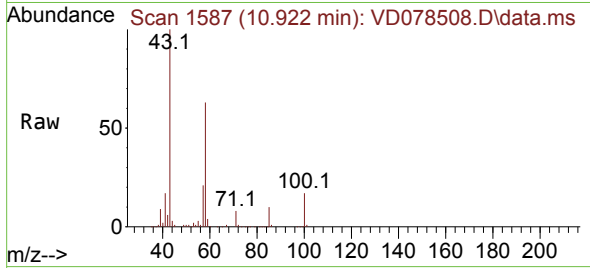




#59
2-Hexanone
Concen: 279.697 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD078508.D
Acq: 21 Feb 2024 19:27

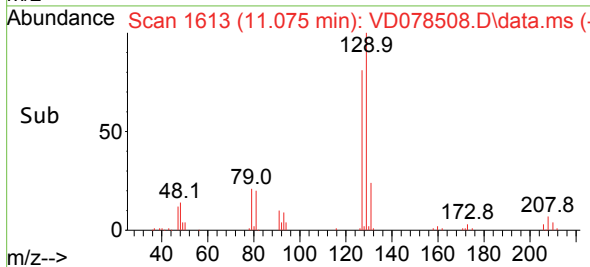
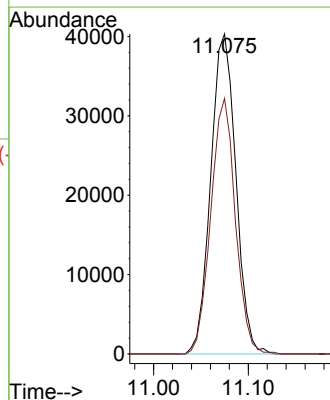
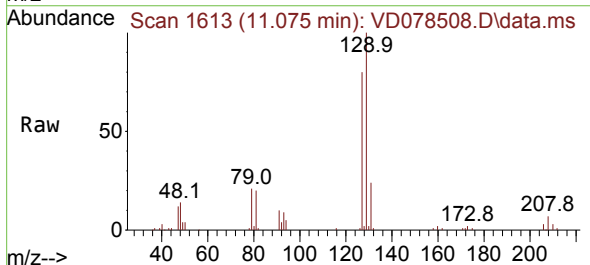
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

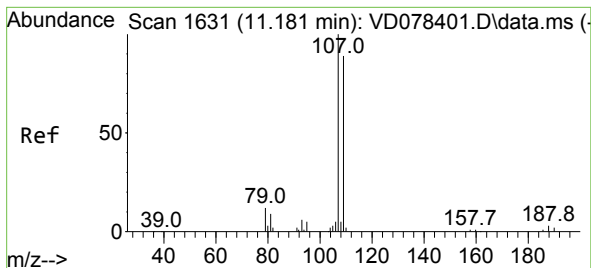
Tgt Ion: 43 Resp: 143148
Ion Ratio Lower Upper
43 100
58 62.2 34.1 102.2



#60
Dibromochloromethane
Concen: 58.183 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD078508.D
Acq: 21 Feb 2024 19:27

Tgt Ion: 129 Resp: 74335
Ion Ratio Lower Upper
129 100
127 78.0 37.1 111.5

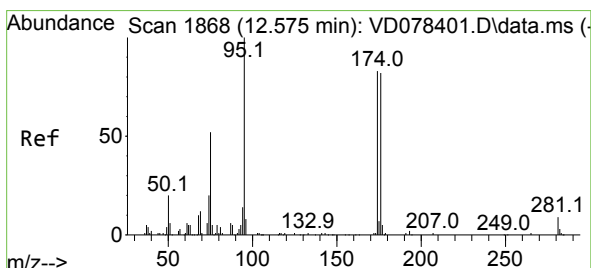
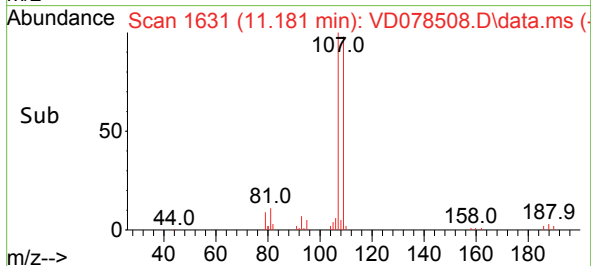
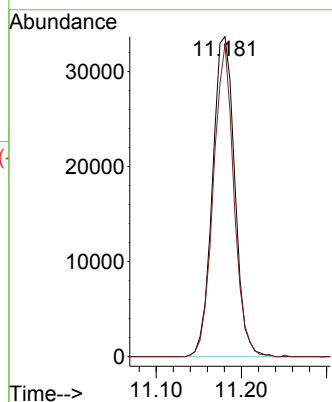
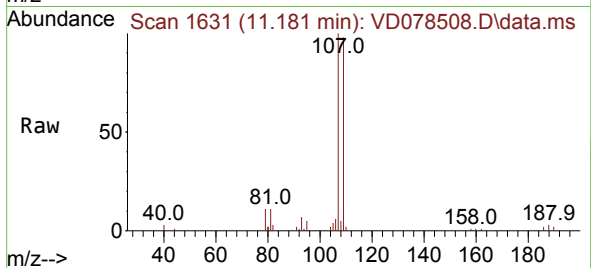




#61
1,2-Dibromoethane
Concen: 61.289 ug/l
RT: 11.181 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD078508.D
Acq: 21 Feb 2024 19:27

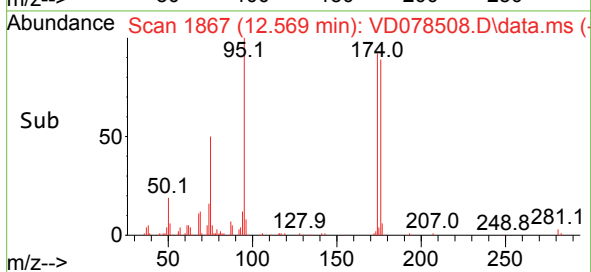
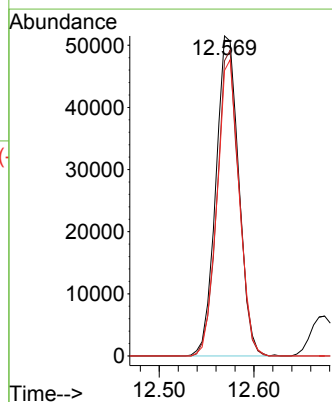
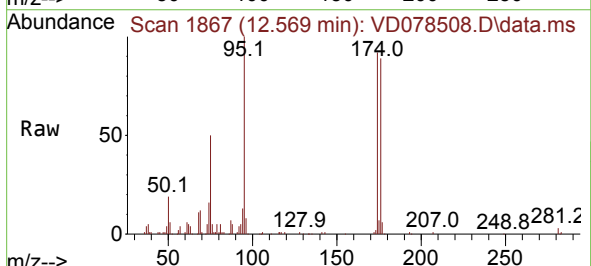
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

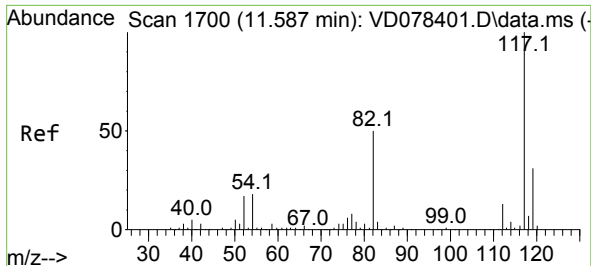
Tgt Ion:107 Resp: 61099
Ion Ratio Lower Upper
107 100
109 90.3 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 58.414 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD078508.D
Acq: 21 Feb 2024 19:27

Tgt Ion: 95 Resp: 86526
Ion Ratio Lower Upper
95 100
174 90.2 0.0 201.8
176 89.4 0.0 191.8

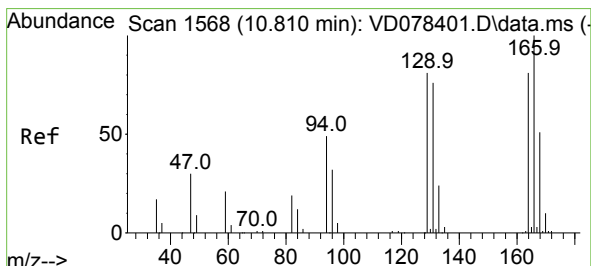
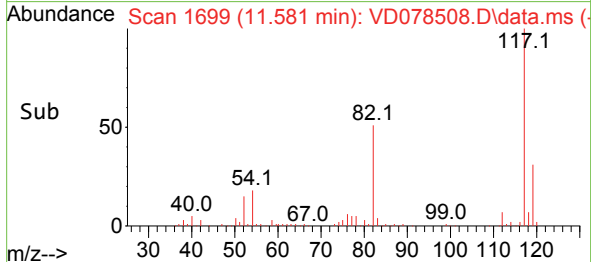
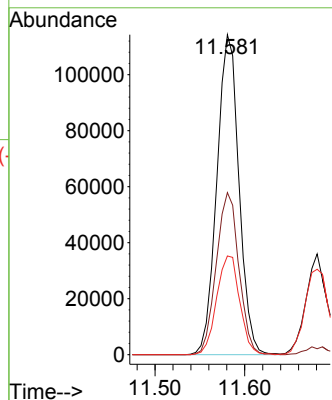
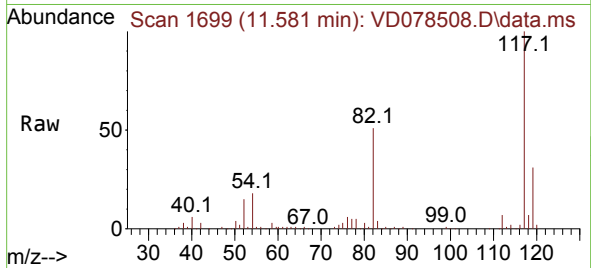




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VD078508.D
Acq: 21 Feb 2024 19:27

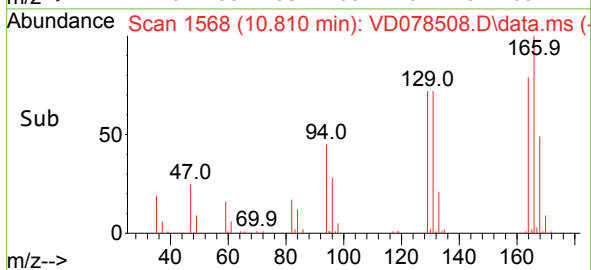
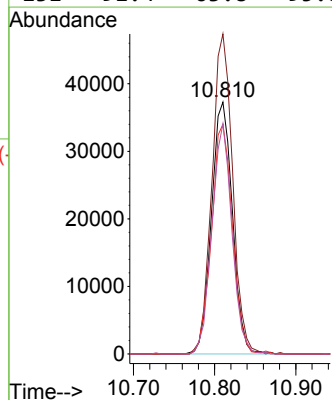
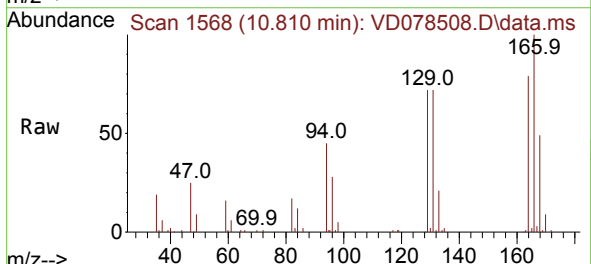
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

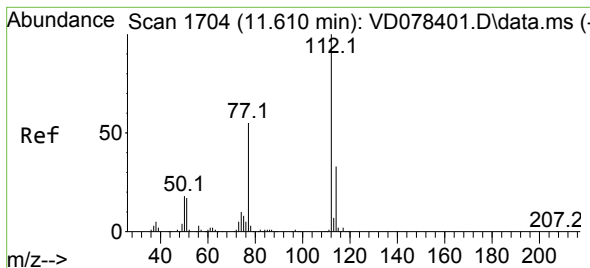
Tgt Ion:117 Resp: 195572
Ion Ratio Lower Upper
117 100
82 50.6 38.3 57.5
119 30.9 25.0 37.4



#64
Tetrachloroethene
Concen: 54.220 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD078508.D
Acq: 21 Feb 2024 19:27

Tgt Ion:164 Resp: 66978
Ion Ratio Lower Upper
164 100
166 127.1 99.2 148.8
129 91.2 68.4 102.6
131 91.4 63.8 95.8

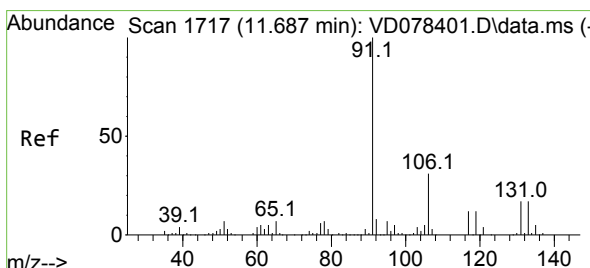
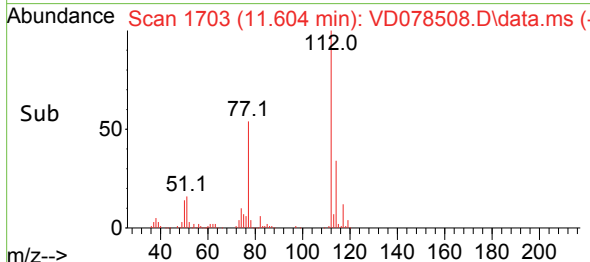
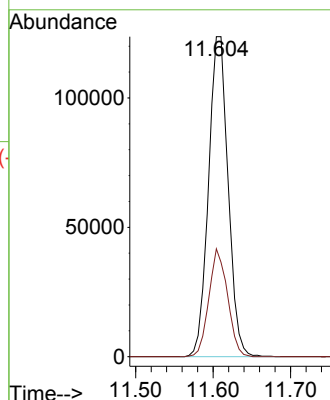
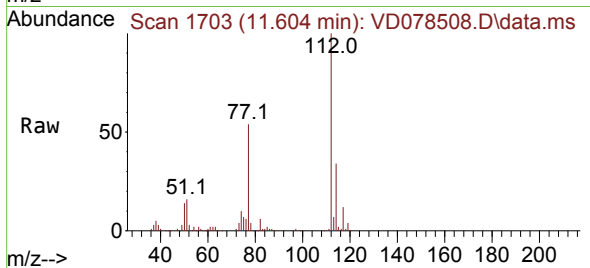




#65
Chlorobenzene
Concen: 55.268 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VD078508.D
Acq: 21 Feb 2024 19:27

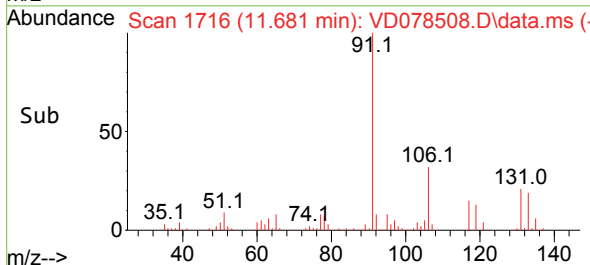
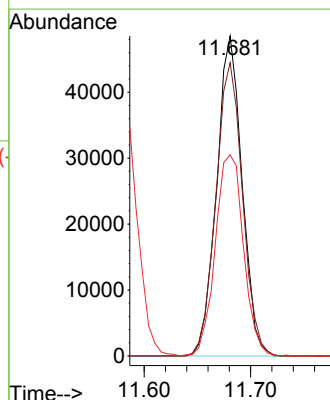
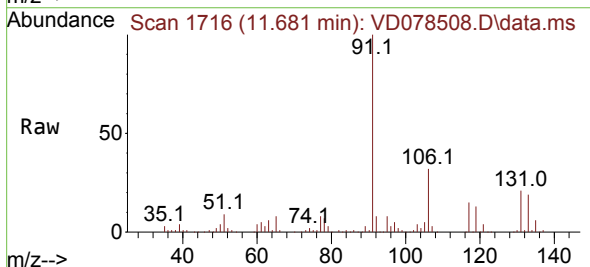
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

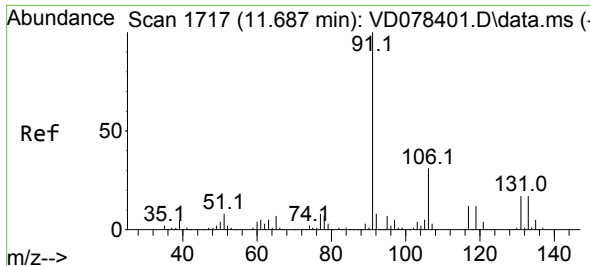
Tgt Ion:112 Resp: 217300
Ion Ratio Lower Upper
112 100
114 33.7 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 55.675 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD078508.D
Acq: 21 Feb 2024 19:27

Tgt Ion:131 Resp: 80445
Ion Ratio Lower Upper
131 100
133 96.0 48.5 145.5
119 69.7 35.6 106.9

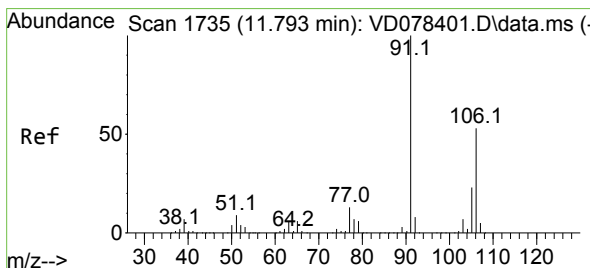
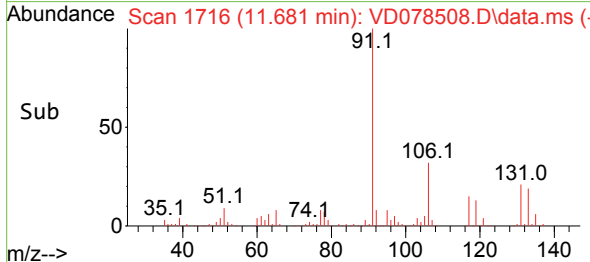
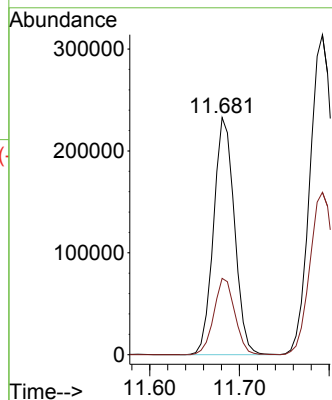
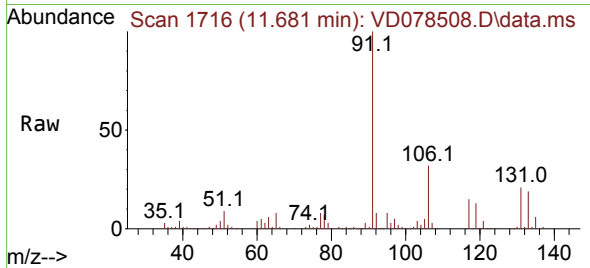




#67
Ethyl Benzene
Concen: 53.331 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD078508.D
Acq: 21 Feb 2024 19:27

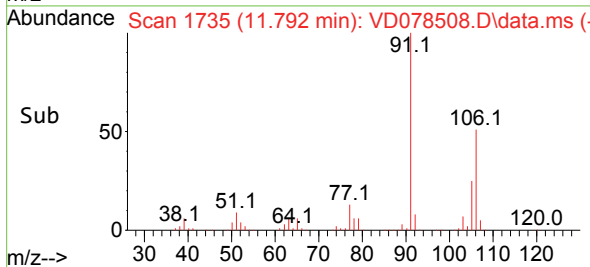
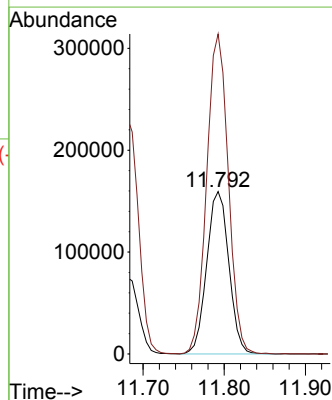
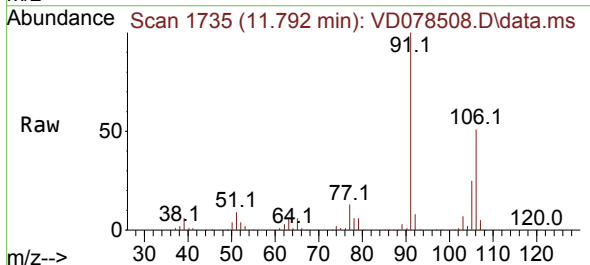
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

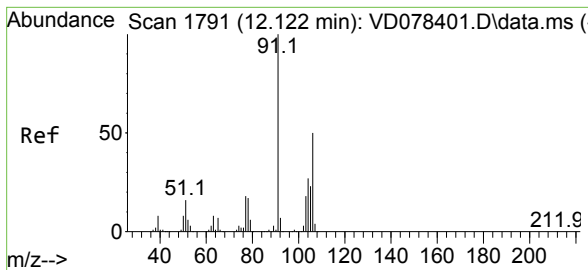
Tgt Ion: 91 Resp: 375705
Ion Ratio Lower Upper
91 100
106 32.2 26.5 39.7



#68
m/p-Xylenes
Concen: 109.859 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD078508.D
Acq: 21 Feb 2024 19:27

Tgt Ion: 106 Resp: 301883
Ion Ratio Lower Upper
106 100
91 192.1 147.0 220.6

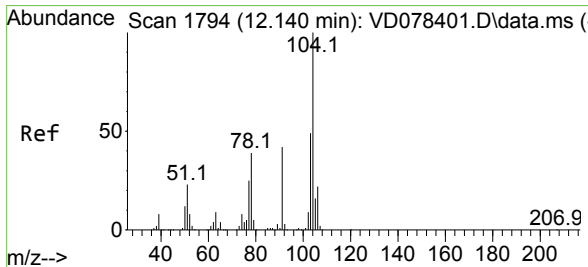
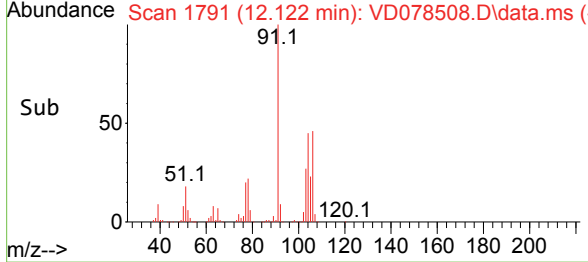
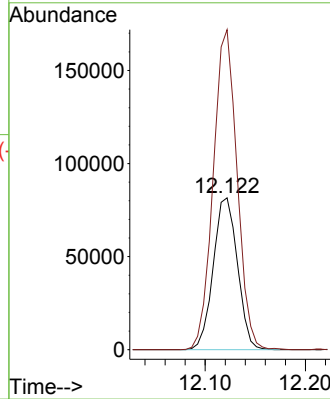
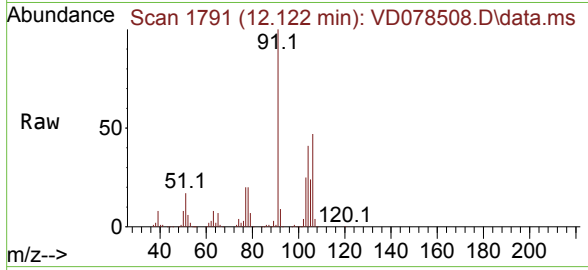




#69
o-Xylene
Concen: 54.385 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD078508.D
Acq: 21 Feb 2024 19:27

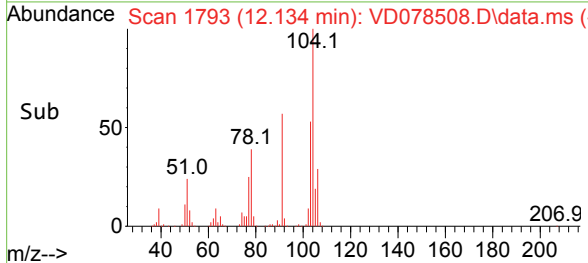
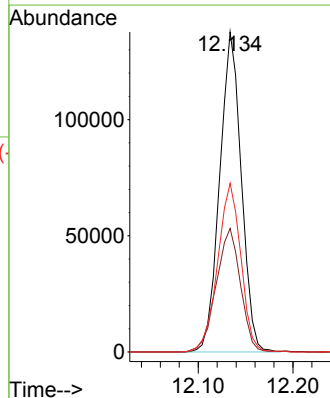
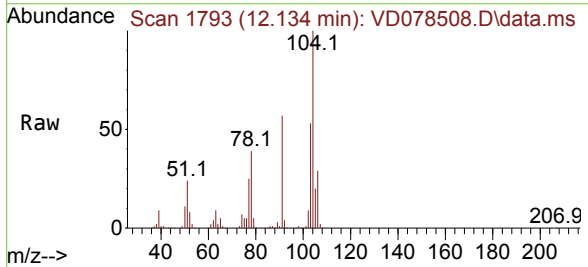
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

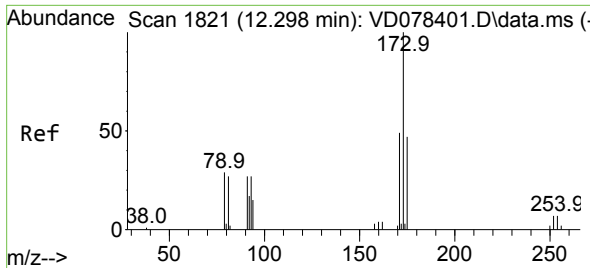
Tgt Ion:106 Resp: 136379
Ion Ratio Lower Upper
106 100
91 207.9 97.9 293.6



#70
Styrene
Concen: 53.381 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD078508.D
Acq: 21 Feb 2024 19:27

Tgt Ion:104 Resp: 218468
Ion Ratio Lower Upper
104 100
78 43.3 33.2 49.8
103 56.6 43.6 65.4

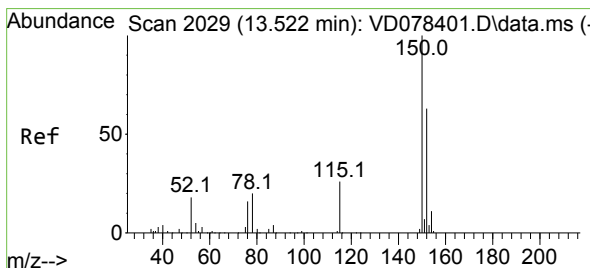
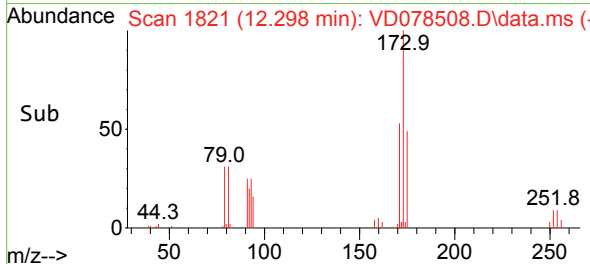
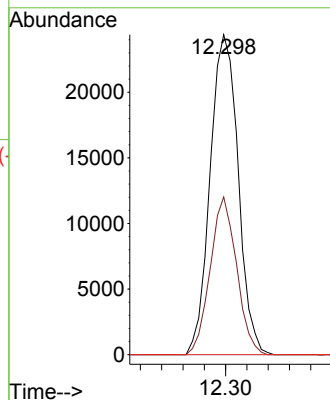
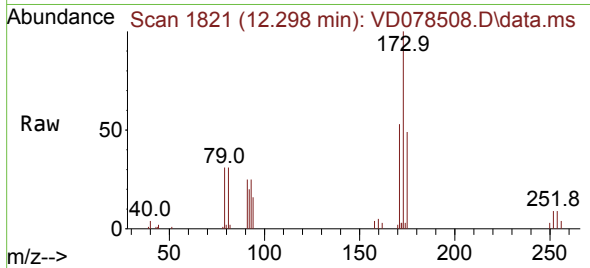




#71
Bromoform
Concen: 58.534 ug/l
RT: 12.298 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078508.D
Acq: 21 Feb 2024 19:27

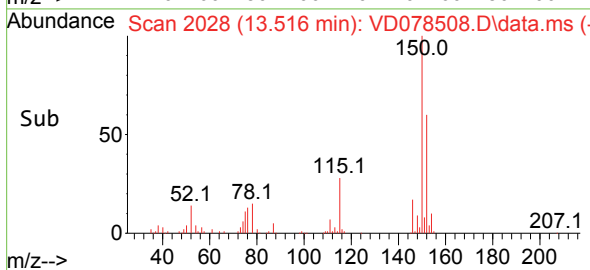
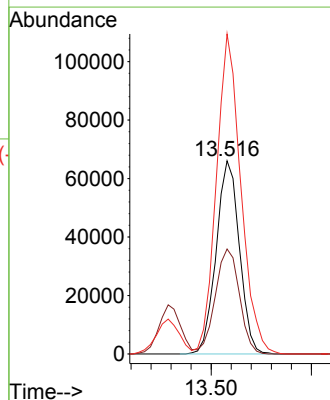
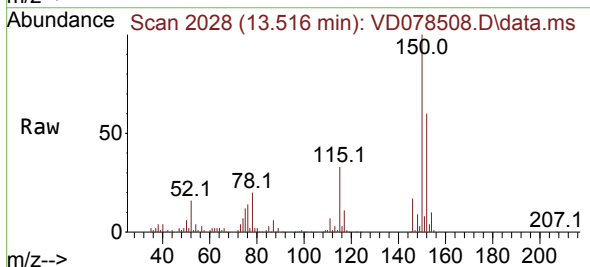
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

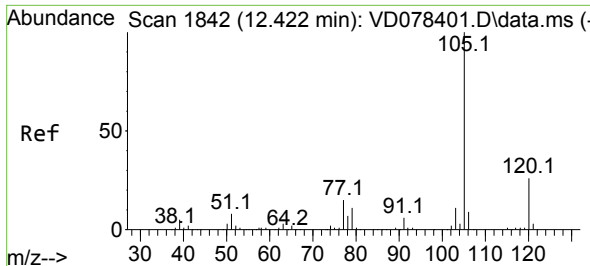
Tgt Ion:173 Resp: 44516
Ion Ratio Lower Upper
173 100
175 46.4 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD078508.D
Acq: 21 Feb 2024 19:27

Tgt Ion:152 Resp: 106178
Ion Ratio Lower Upper
152 100
115 56.2 27.1 81.3
150 174.6 0.0 353.6

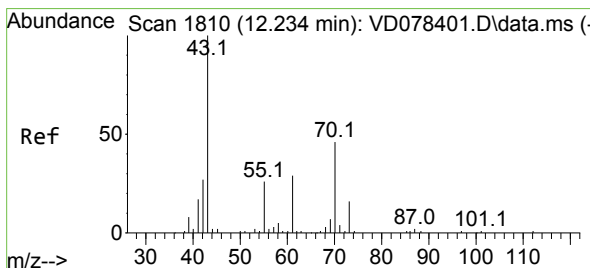
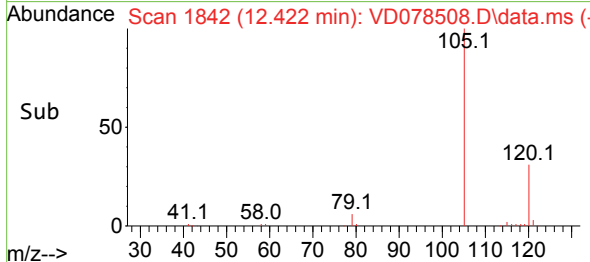
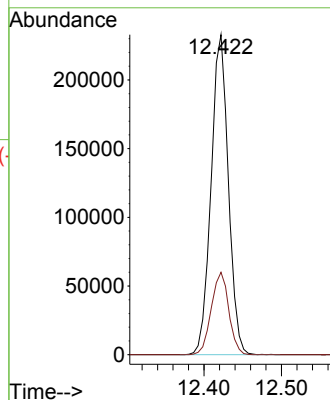
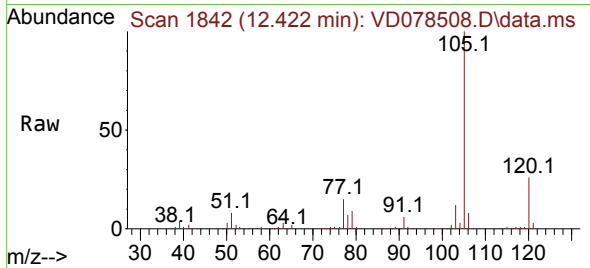




#73
Isopropylbenzene
Concen: 50.523 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD078508.D
Acq: 21 Feb 2024 19:27

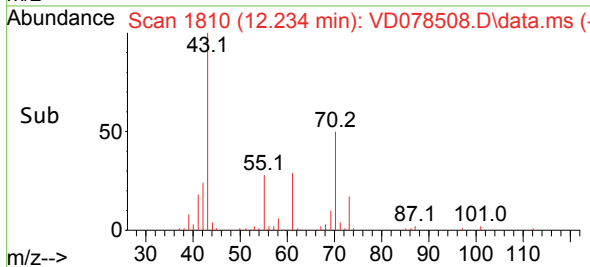
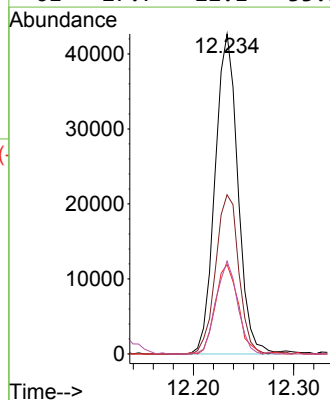
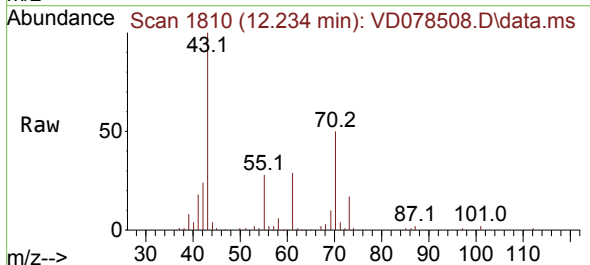
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

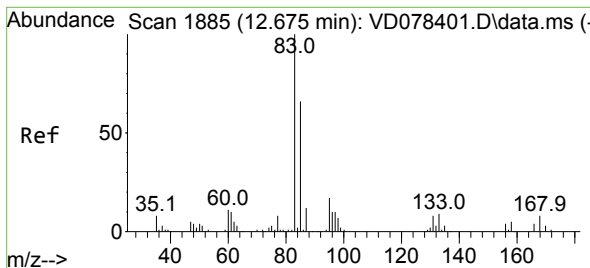
Tgt Ion:105 Resp: 360219
Ion Ratio Lower Upper
105 100
120 26.1 14.3 42.9



#74
N-ethyl acetate
Concen: 50.004 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD078508.D
Acq: 21 Feb 2024 19:27

Tgt Ion: 43 Resp: 67447
Ion Ratio Lower Upper
43 100
70 50.3 45.0 67.4
55 28.0 23.8 35.6
61 27.7 22.1 33.1

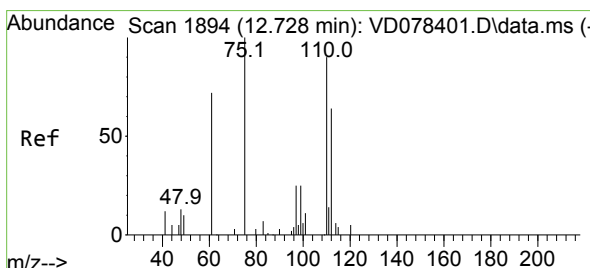
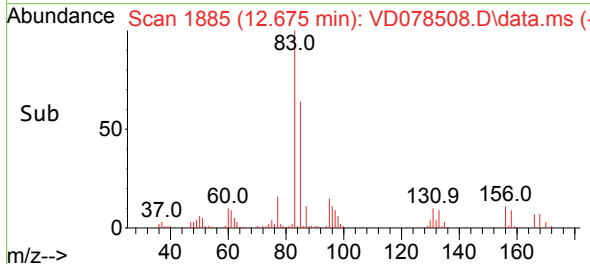
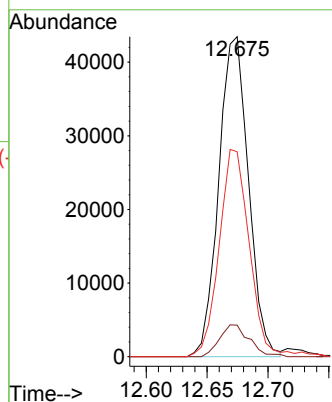
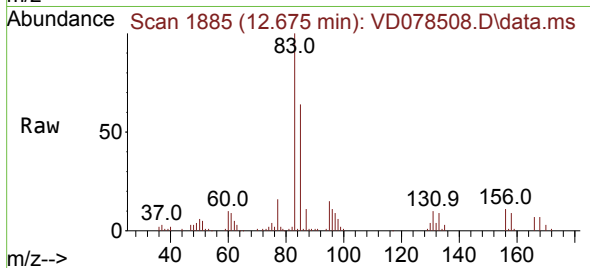




#75
1,1,2,2-Tetrachloroethane
Concen: 52.191 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD078508.D
Acq: 21 Feb 2024 19:27

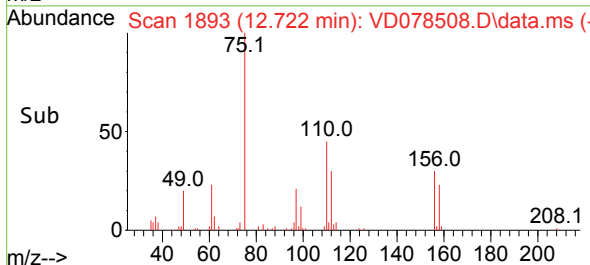
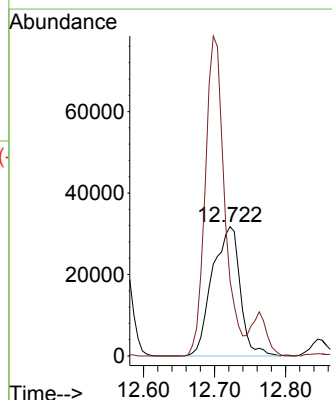
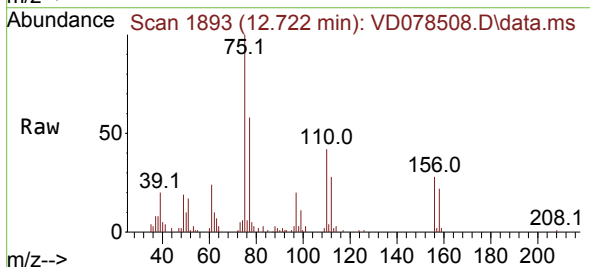
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

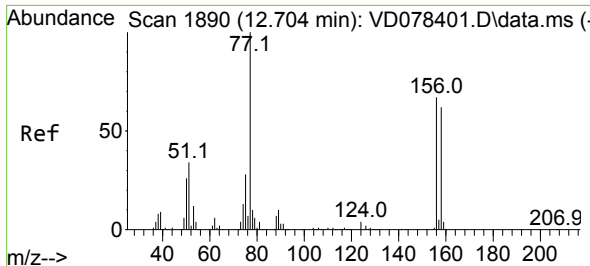
Tgt Ion: 83 Resp: 73814
Ion Ratio Lower Upper
83 100
131 10.0 5.1 15.3
85 66.1 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 96.004 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. -0.006 min
Lab File: VD078508.D
Acq: 21 Feb 2024 19:27

Tgt Ion: 75 Resp: 86540
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

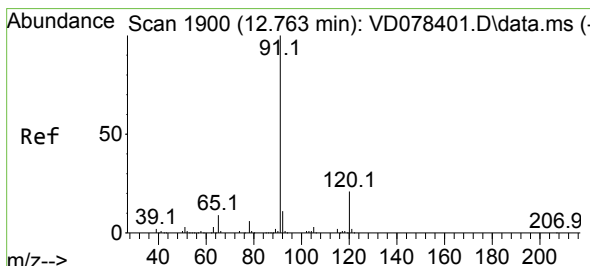
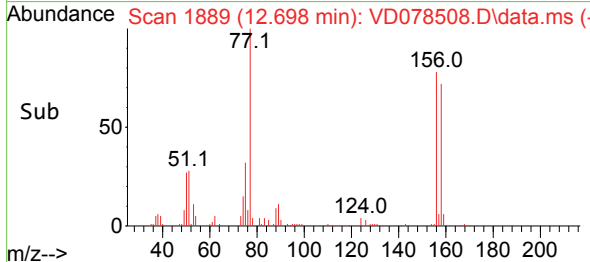
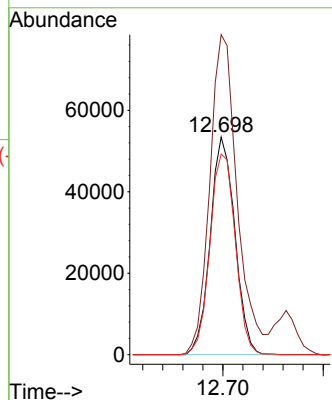
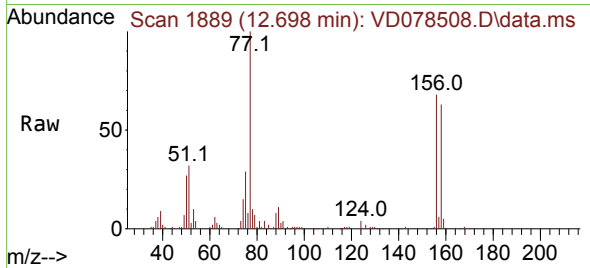




#77
Bromobenzene
Concen: 54.387 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VD078508.D
Acq: 21 Feb 2024 19:27

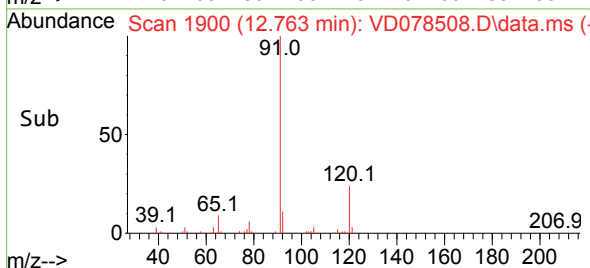
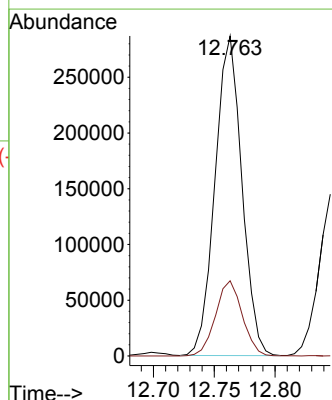
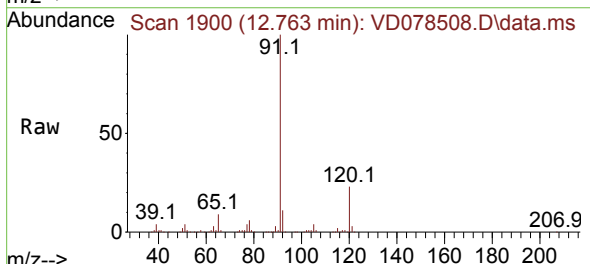
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

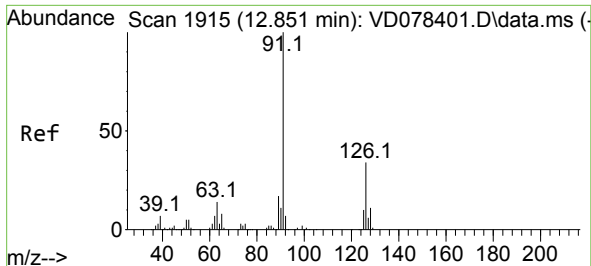
Tgt Ion:156 Resp: 91131
Ion Ratio Lower Upper
156 100
77 162.9 76.8 230.4
158 95.0 48.6 145.9



#78
n-propylbenzene
Concen: 49.411 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD078508.D
Acq: 21 Feb 2024 19:27

Tgt Ion: 91 Resp: 439016
Ion Ratio Lower Upper
91 100
120 23.5 12.4 37.2

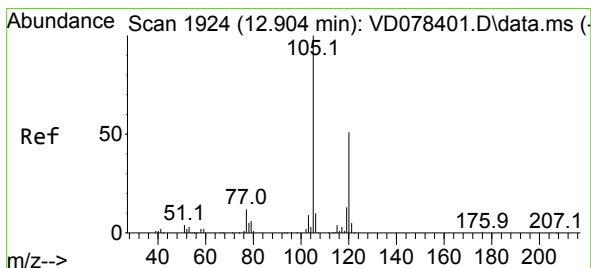
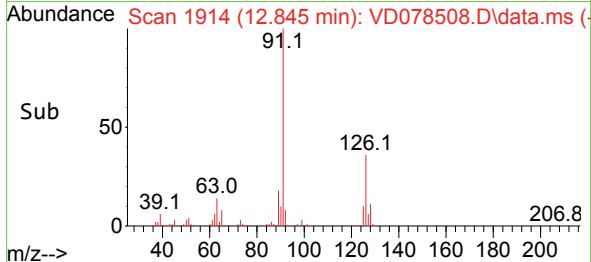
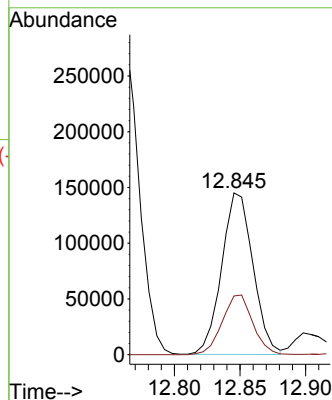
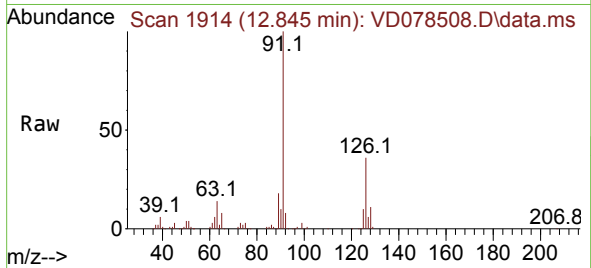




#79
2-Chlorotoluene
Concen: 50.609 ug/l
RT: 12.845 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VD078508.D
Acq: 21 Feb 2024 19:27

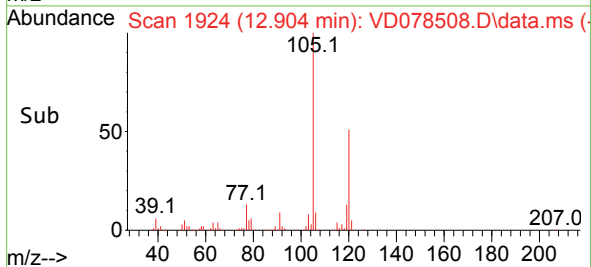
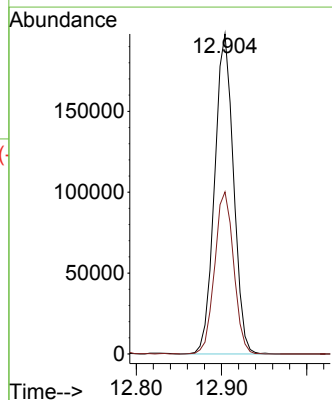
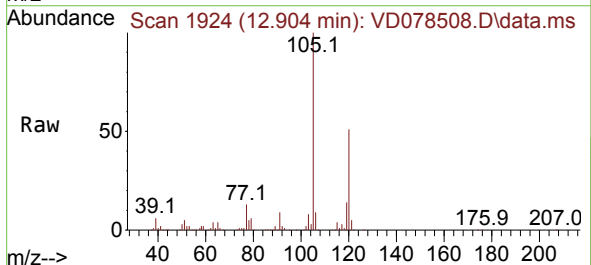
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

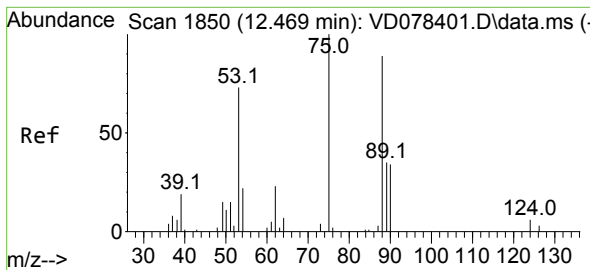
Tgt Ion: 91 Resp: 240839
Ion Ratio Lower Upper
91 100
126 36.1 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 51.531 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD078508.D
Acq: 21 Feb 2024 19:27

Tgt Ion: 105 Resp: 305078
Ion Ratio Lower Upper
105 100
120 50.9 26.4 79.2

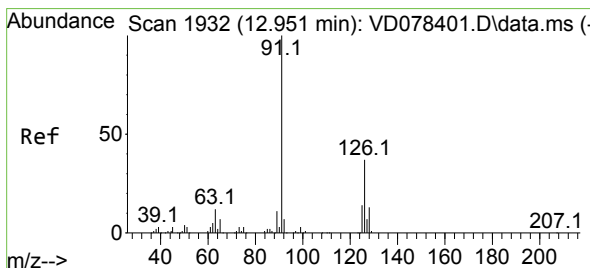
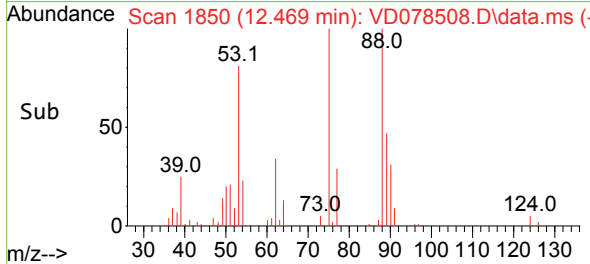
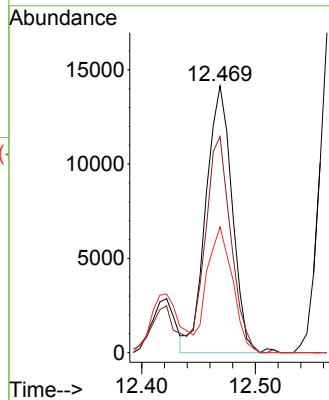
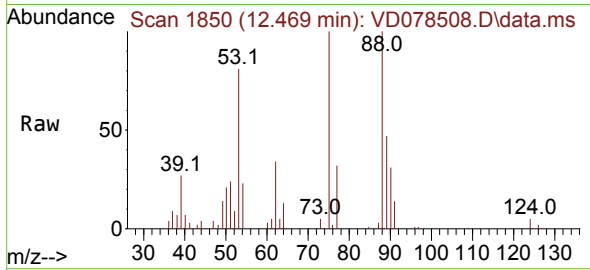




#81
trans-1,4-Dichloro-2-butene
Concen: 52.342 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD078508.D
Acq: 21 Feb 2024 19:27

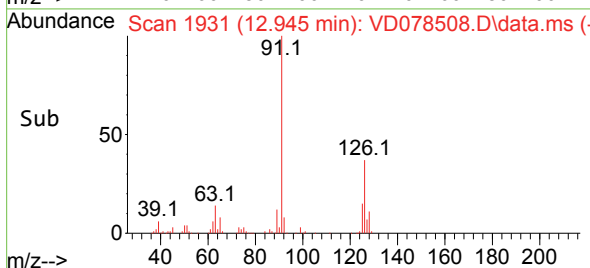
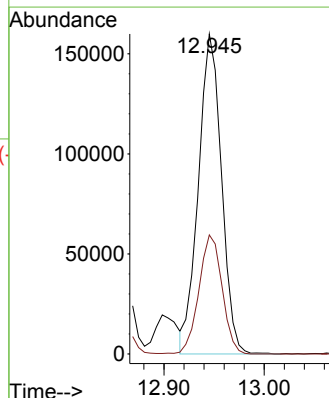
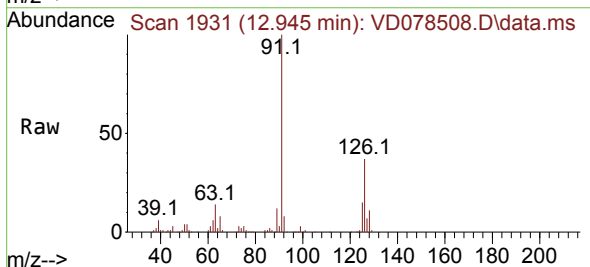
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

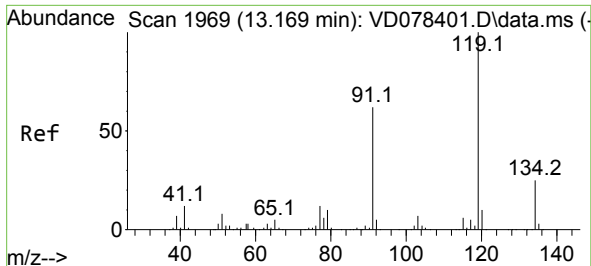
Tgt Ion:	75	Resp:	22727
Ion	Ratio	Lower	Upper
75	100		
53	78.6	63.0	94.4
89	45.8	37.9	56.9



#82
4-Chlorotoluene
Concen: 50.171 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.006 min
Lab File: VD078508.D
Acq: 21 Feb 2024 19:27

Tgt Ion:	91	Resp:	256426
Ion	Ratio	Lower	Upper
91	100		
126	37.3	19.4	58.4

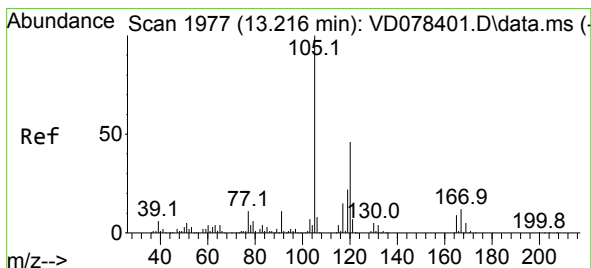
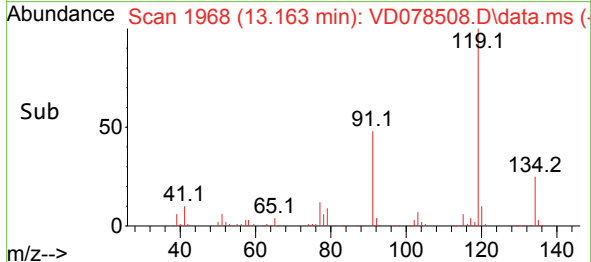
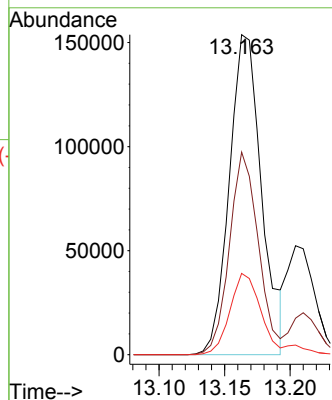
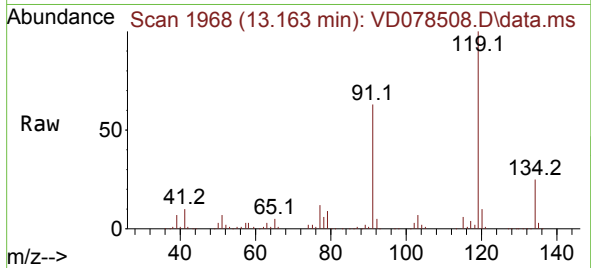




#83
tert-Butylbenzene
Concen: 52.825 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. -0.006 min
Lab File: VD078508.D
Acq: 21 Feb 2024 19:27

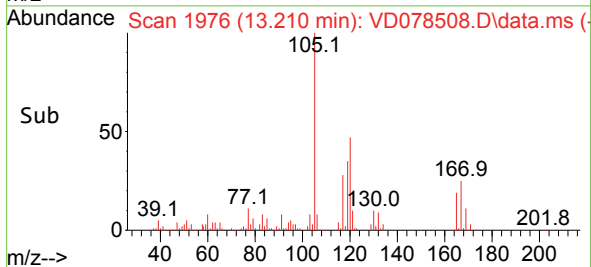
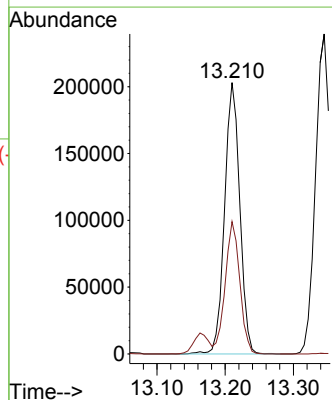
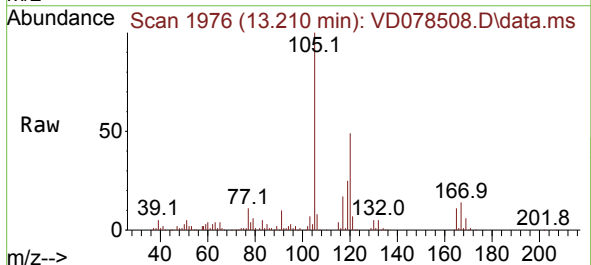
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

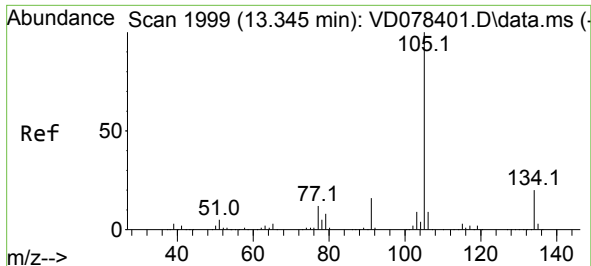
Tgt Ion:119 Resp: 263751
Ion Ratio Lower Upper
119 100
91 56.8 29.3 87.8
134 26.0 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 52.405 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.006 min
Lab File: VD078508.D
Acq: 21 Feb 2024 19:27

Tgt Ion:105 Resp: 314876
Ion Ratio Lower Upper
105 100
120 47.1 24.3 72.9

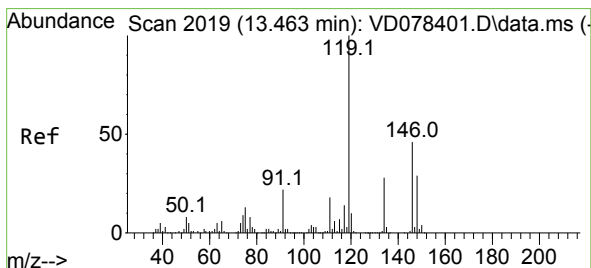
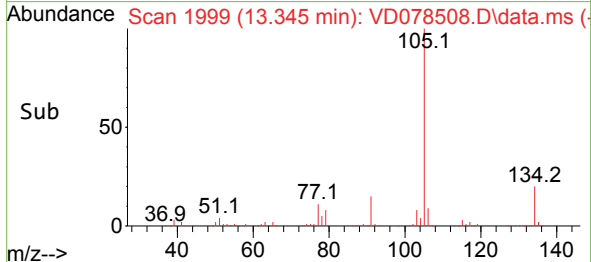
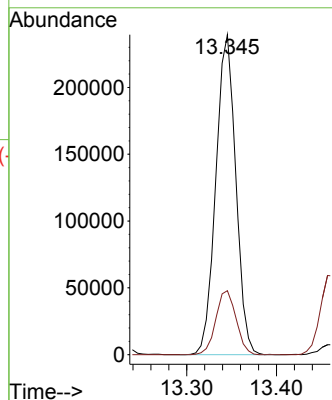
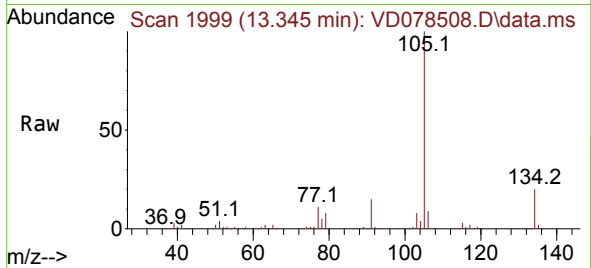




#85
 sec-Butylbenzene
 Concen: 47.761 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VD078508.D
 Acq: 21 Feb 2024 19:27

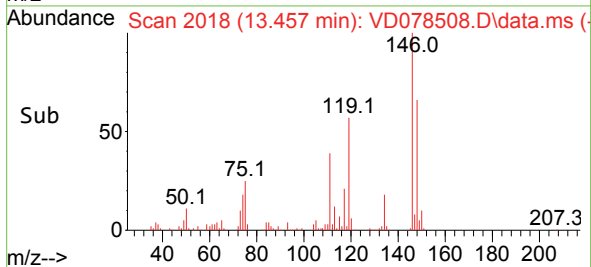
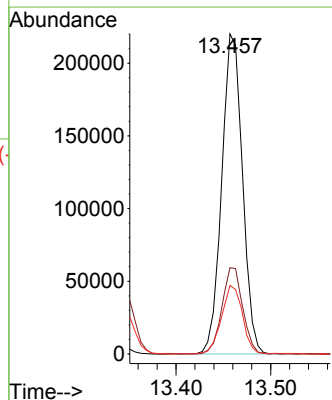
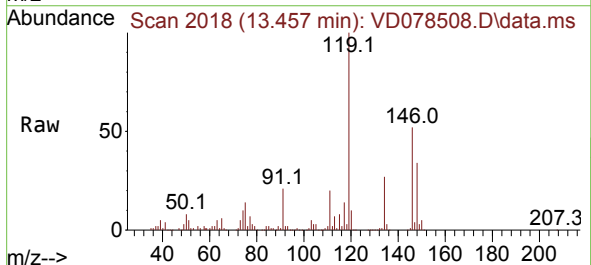
Instrument :
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 ClientSampleId :
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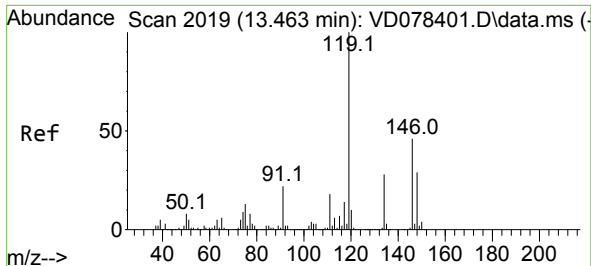
Tgt Ion:105 Resp: 369822
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 50.808 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. -0.006 min
 Lab File: VD078508.D
 Acq: 21 Feb 2024 19:27

Tgt Ion:119 Resp: 335093
 Ion Ratio Lower Upper
 119 100
 134 27.0 14.2 42.6
 91 21.6 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 51.642 ug/l

RT: 13.457 min Scan# 2019

Delta R.T. -0.006 min

Lab File: VD078508.D

Acq: 21 Feb 2024 19:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

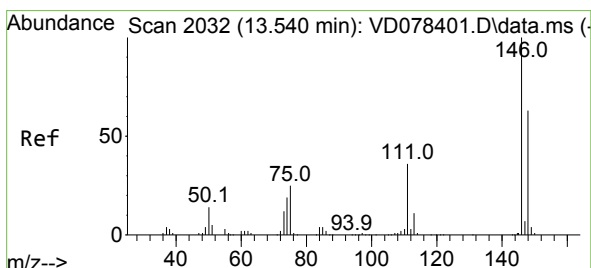
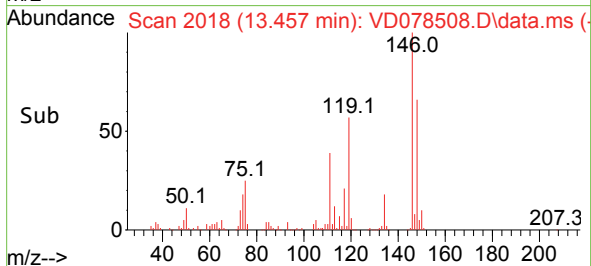
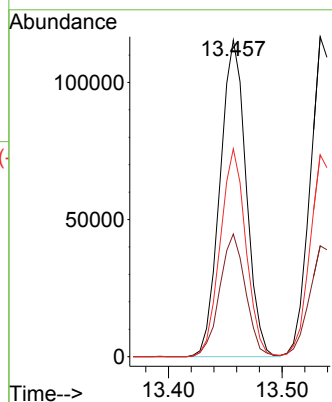
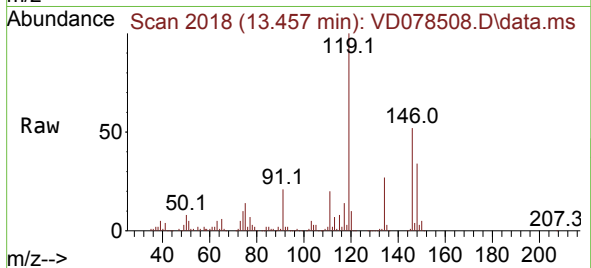
Tgt Ion:146 Resp: 184684

Ion Ratio Lower Upper

146 100

111 38.4 17.9 53.8

148 64.4 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 53.049 ug/l

RT: 13.534 min Scan# 2031

Delta R.T. -0.006 min

Lab File: VD078508.D

Acq: 21 Feb 2024 19:27

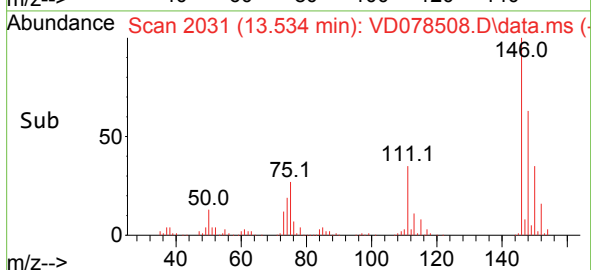
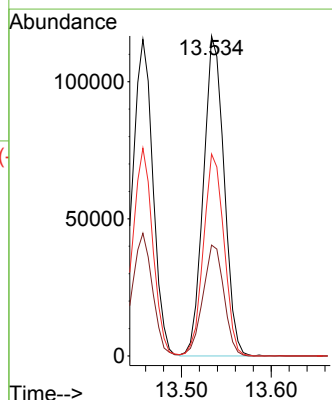
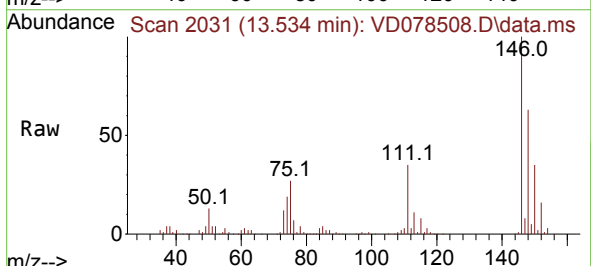
Tgt Ion:146 Resp: 186408

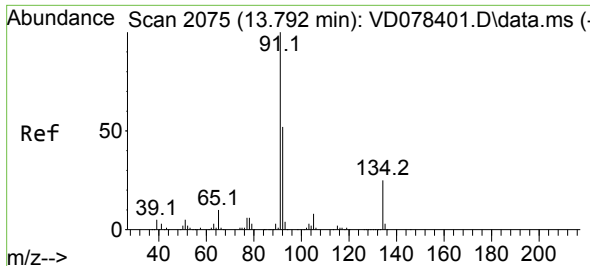
Ion Ratio Lower Upper

146 100

111 35.4 17.4 52.3

148 62.9 31.7 95.1

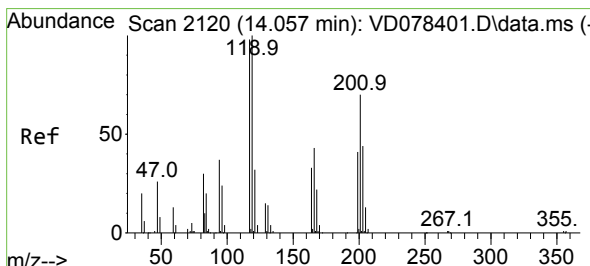
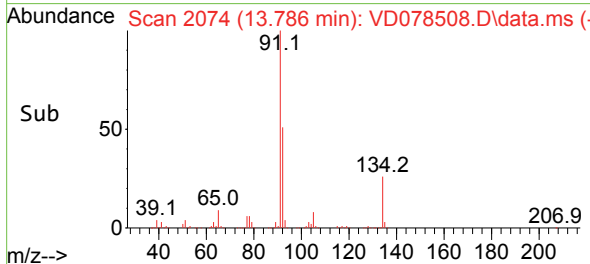
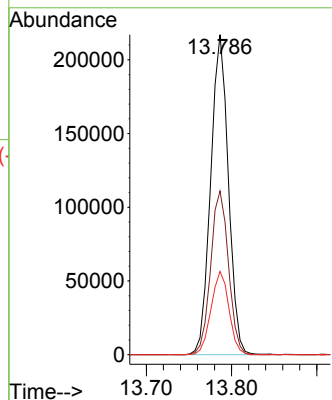
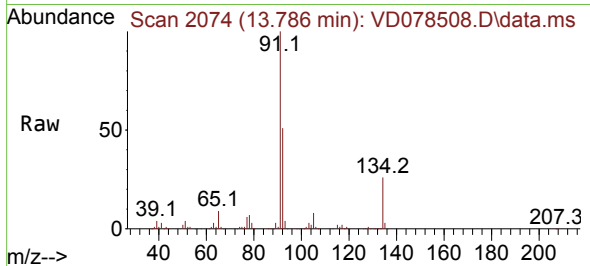




#89
n-Butylbenzene
Concen: 49.230 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. -0.006 min
Lab File: VD078508.D
Acq: 21 Feb 2024 19:27

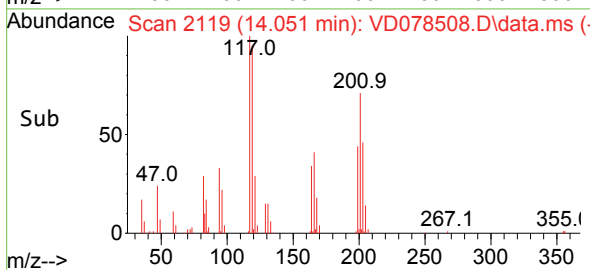
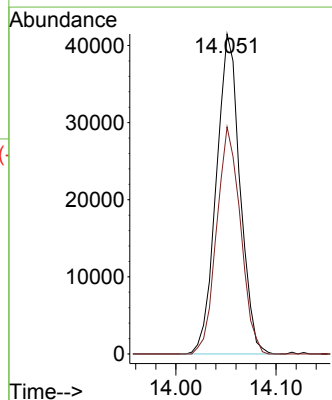
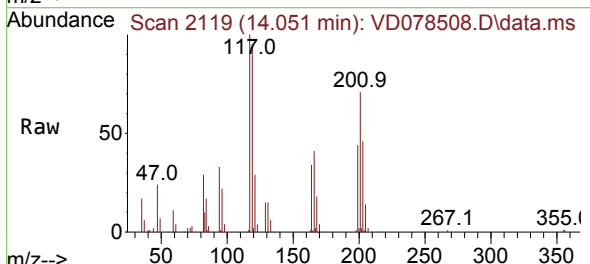
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

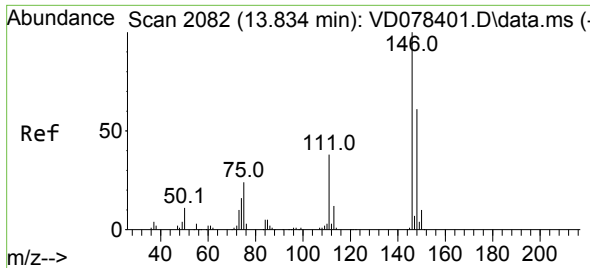
Tgt Ion: 91 Resp: 312950
Ion Ratio Lower Upper
91 100
92 51.6 26.5 79.5
134 26.3 13.8 41.3



#90
Hexachloroethane
Concen: 50.133 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. -0.006 min
Lab File: VD078508.D
Acq: 21 Feb 2024 19:27

Tgt Ion: 117 Resp: 67958
Ion Ratio Lower Upper
117 100
201 71.5 38.5 115.5

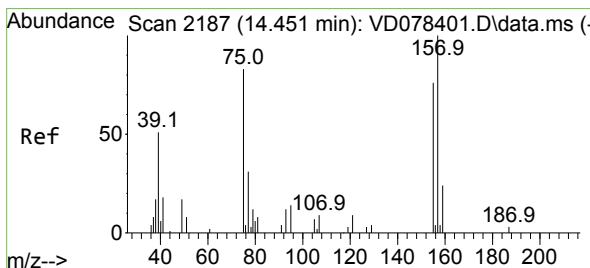
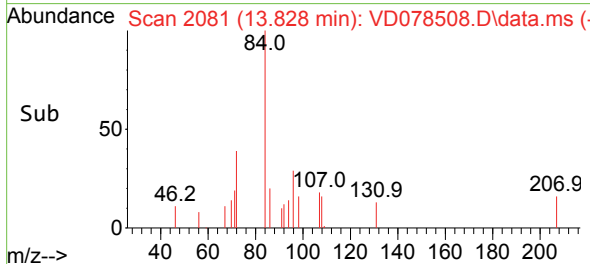
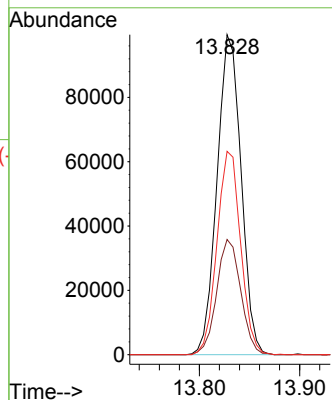
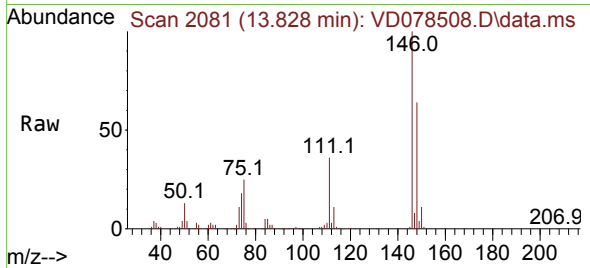




#91
1,2-Dichlorobenzene
Concen: 55.182 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VD078508.D
Acq: 21 Feb 2024 19:27

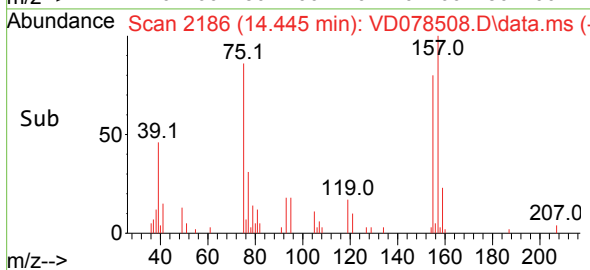
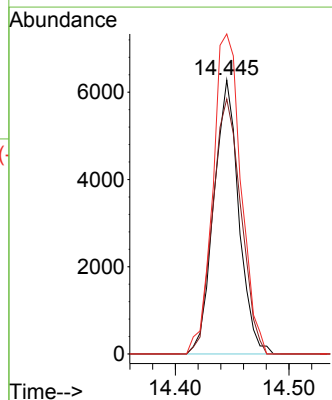
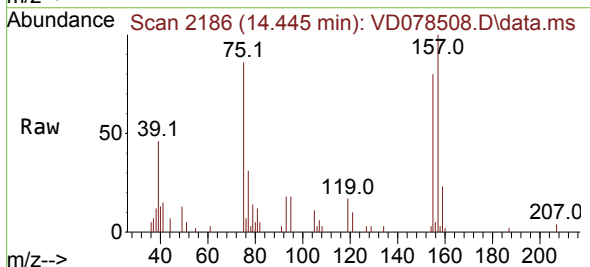
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MSVOA_D
ClientSampleId :
VSTDCCC050EC

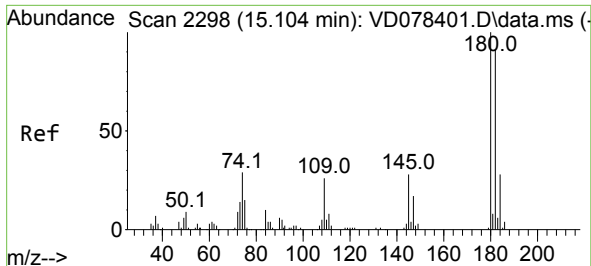
Tgt Ion:146 Resp: 165716
Ion Ratio Lower Upper
146 100
111 36.1 18.3 54.8
148 62.5 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.899 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VD078508.D
Acq: 21 Feb 2024 19:27

Tgt Ion: 75 Resp: 9611
Ion Ratio Lower Upper
75 100
155 105.0 47.9 143.8
157 131.7 59.9 179.7

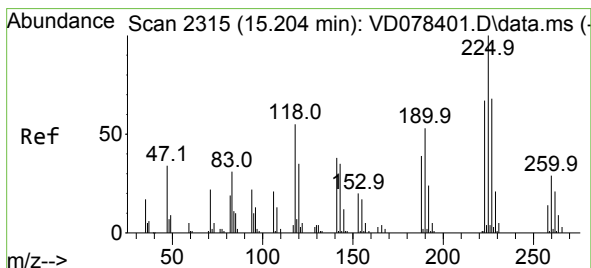
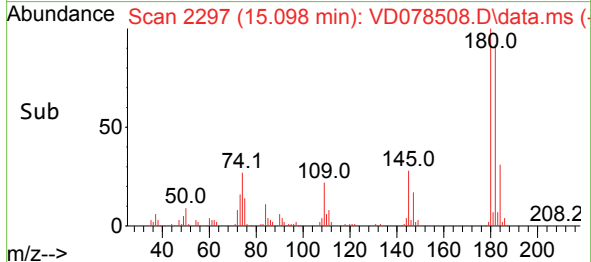
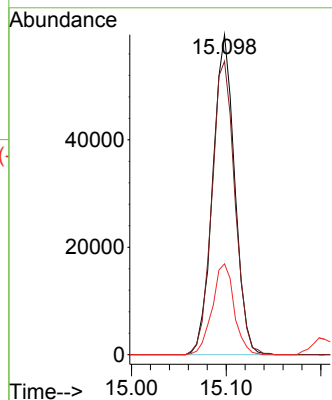
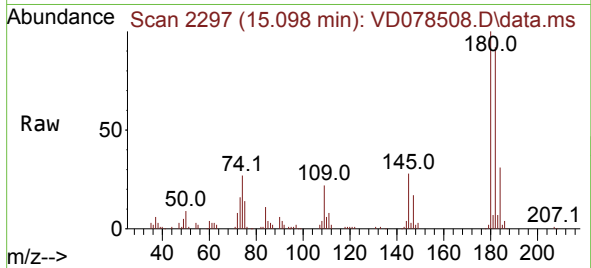




#93
1,2,4-Trichlorobenzene
Concen: 54.162 ug/l
RT: 15.098 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD078508.D
Acq: 21 Feb 2024 19:27

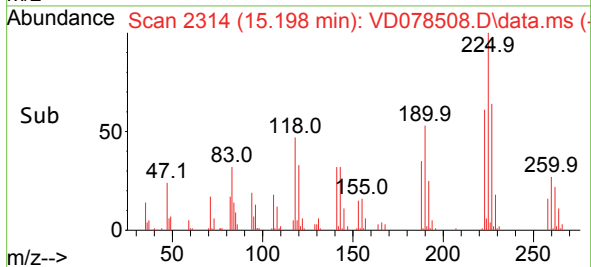
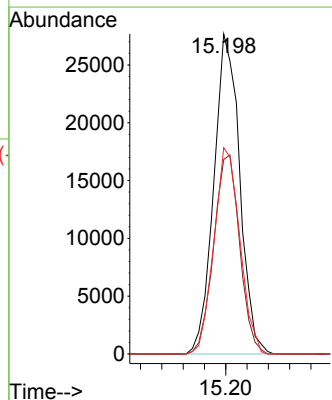
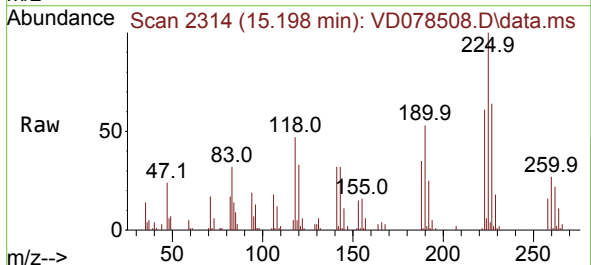
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

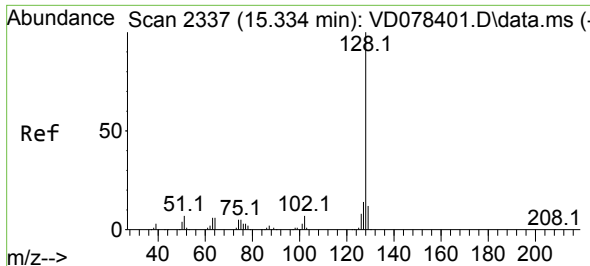
Tgt Ion:180 Resp: 95592
Ion Ratio Lower Upper
180 100
182 95.9 48.5 145.6
145 28.3 14.2 42.6



#94
Hexachlorobutadiene
Concen: 50.582 ug/l
RT: 15.198 min Scan# 2314
Delta R.T. -0.006 min
Lab File: VD078508.D
Acq: 21 Feb 2024 19:27

Tgt Ion:225 Resp: 46597
Ion Ratio Lower Upper
225 100
223 62.5 31.6 94.8
227 64.6 31.7 95.1

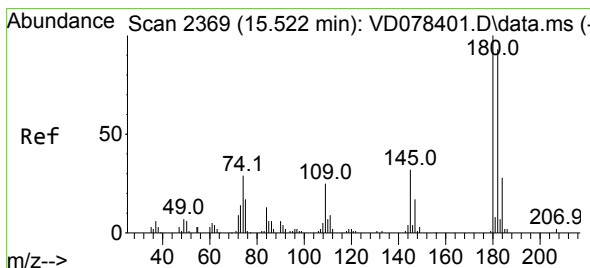
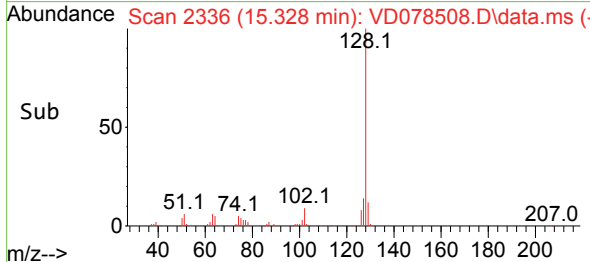
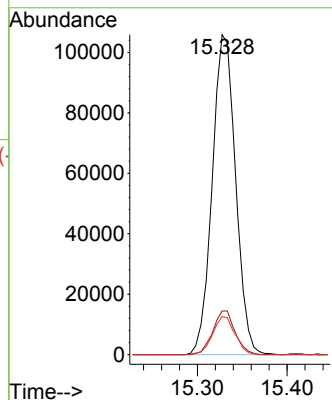
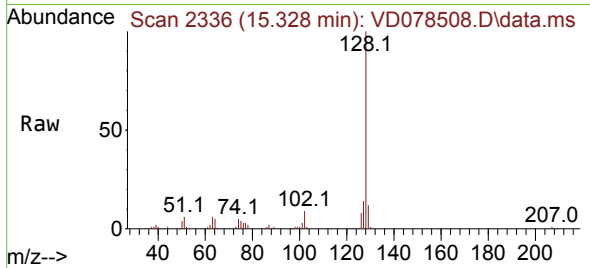




#95
Naphthalene
Concen: 58.531 ug/l
RT: 15.328 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD078508.D
Acq: 21 Feb 2024 19:27

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 191600
Ion Ratio Lower Upper
128 100
127 13.7 10.5 15.7
129 11.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 57.458 ug/l
RT: 15.516 min Scan# 2368
Delta R.T. -0.006 min
Lab File: VD078508.D
Acq: 21 Feb 2024 19:27

Tgt Ion:180 Resp: 85943
Ion Ratio Lower Upper
180 100
182 96.7 47.3 141.9
145 30.3 15.1 45.3

