

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031824\
 Data File : VD078689.D
 Acq On : 18 Mar 2024 11:26
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 19 01:23:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 05:38:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	134558	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	217267	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	200144	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	104878	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	53347	42.304	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	84.600%
35) Dibromofluoromethane	7.810	113	61894	44.246	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.500%
50) Toluene-d8	10.269	98	234471	45.576	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.160%
62) 4-Bromofluorobenzene	12.575	95	69239	46.003	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.000%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.934	85	63020	50.322	ug/l	100
3) Chloromethane	2.152	50	88308	44.659	ug/l	100
4) Vinyl Chloride	2.287	62	137854	47.259	ug/l	93
5) Bromomethane	2.699	94	126452	45.277	ug/l	99
6) Chloroethane	2.840	64	104931	46.127	ug/l	99
7) Trichlorofluoromethane	3.181	101	114857	49.772	ug/l	98
8) Diethyl Ether	3.593	74	32843	48.745	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.969	101	72232	49.875	ug/l	99
10) Methyl Iodide	4.169	142	88723	51.790	ug/l	98
11) Tert butyl alcohol	5.052	59	14874	263.563	ug/l	95
12) 1,1-Dichloroethene	3.946	96	68967	50.094	ug/l	89
13) Acrolein	3.805	56	21080	238.452	ug/l	98
14) Allyl chloride	4.563	41	75501	49.148	ug/l	98
15) Acrylonitrile	5.258	53	67006	246.698	ug/l	97
16) Acetone	4.022	43	62631	256.843	ug/l	94
17) Carbon Disulfide	4.275	76	221773	49.137	ug/l	99
18) Methyl Acetate	4.563	43	27092	51.769	ug/l	99
19) Methyl tert-butyl Ether	5.322	73	139856	50.372	ug/l	100
20) Methylene Chloride	4.799	84	82315	49.461	ug/l	96
21) trans-1,2-Dichloroethene	5.322	96	79008	48.634	ug/l	89
22) Diisopropyl ether	6.216	45	171479	49.097	ug/l	97
23) Vinyl Acetate	6.158	43	514816	251.989	ug/l	100
24) 1,1-Dichloroethane	6.110	63	125999	48.117	ug/l	99
25) 2-Butanone	7.081	43	77863	240.170	ug/l	95
26) 2,2-Dichloropropane	7.075	77	110410	49.836	ug/l	100
27) cis-1,2-Dichloroethene	7.087	96	91039	49.134	ug/l	97
28) Bromochloromethane	7.422	49	42582	45.612	ug/l	99
29) Tetrahydrofuran	7.446	42	46546	263.965	ug/l	99
30) Chloroform	7.599	83	140203	48.020	ug/l	95
31) Cyclohexane	7.881	56	100621	47.473	ug/l	94
32) 1,1,1-Trichloroethane	7.799	97	121857	49.192	ug/l	97
36) 1,1-Dichloropropene	8.010	75	104543	51.508	ug/l	99
37) Ethyl Acetate	7.169	43	32568	49.117	ug/l #	74
38) Carbon Tetrachloride	7.993	117	111218	51.977	ug/l	97
39) Methylcyclohexane	9.275	83	126713	53.818	ug/l	95
40) Benzene	8.252	78	310698	50.640	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	15012	43.203	ug/l #	85
42) 1,2-Dichloroethane	8.328	62	76345	51.025	ug/l	100
43) Isopropyl Acetate	8.357	43	60599	50.254	ug/l	99
44) Trichloroethene	9.028	130	84633	50.829	ug/l	95
45) 1,2-Dichloropropane	9.304	63	73736	50.662	ug/l	100
46) Dibromomethane	9.393	93	43342	49.678	ug/l	99
47) Bromodichloromethane	9.587	83	104709	50.414	ug/l	95
48) Methyl methacrylate	9.381	41	29596	50.371	ug/l	98
49) 1,4-Dioxane	9.387	88	8607	1065.473	ug/l #	86
51) 4-Methyl-2-Pentanone	10.157	43	168161	266.748	ug/l	100
52) Toluene	10.334	92	202558	51.280	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	97298	51.236	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	116115	50.863	ug/l	97
55) 1,1,2-Trichloroethane	10.734	97	58925	50.435	ug/l	96
56) Ethyl methacrylate	10.598	69	61891	52.842	ug/l	98
57) 1,3-Dichloropropane	10.881	76	96026	50.937	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	126430	244.809	ug/l	99
59) 2-Hexanone	10.922	43	124702	266.839	ug/l	99
60) Dibromochloromethane	11.075	129	73080	50.721	ug/l	99
61) 1,2-Dibromoethane	11.181	107	57081	50.484	ug/l	99
64) Tetrachloroethene	10.810	164	70401	53.154	ug/l	98
65) Chlorobenzene	11.610	112	214182	51.211	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	79598	51.967	ug/l	99
67) Ethyl Benzene	11.681	91	383047	53.745	ug/l	96
68) m/p-Xylenes	11.793	106	312299	107.910	ug/l	99
69) o-Xylene	12.122	106	144157	53.836	ug/l	99
70) Styrene	12.134	104	243632	54.208	ug/l	99
71) Bromoform	12.298	173	44600	53.880	ug/l #	94
73) Isopropylbenzene	12.422	105	369710	53.541	ug/l	100
74) N-amyl acetate	12.234	43	57870	51.618	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.675	83	63694	49.828	ug/l	98
76) 1,2,3-Trichloropropane	12.728	75	78086	96.639	ug/l #	100
77) Bromobenzene	12.698	156	88962	51.950	ug/l	96
78) n-propylbenzene	12.763	91	456648	54.329	ug/l	100
79) 2-Chlorotoluene	12.851	91	239802	52.006	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	304344	53.298	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.469	75	19456	50.473	ug/l	96
82) 4-Chlorotoluene	12.945	91	250637	51.391	ug/l	100
83) tert-Butylbenzene	13.169	119	265600	53.943	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	313231	54.432	ug/l	99
85) sec-Butylbenzene	13.345	105	406751	54.589	ug/l	99
86) p-Isopropyltoluene	13.463	119	351525	55.109	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	187689	51.937	ug/l	98
88) 1,4-Dichlorobenzene	13.539	146	185119	51.978	ug/l	99
89) n-Butylbenzene	13.787	91	317703	55.150	ug/l	99
90) Hexachloroethane	14.057	117	67278	50.974	ug/l	97
91) 1,2-Dichlorobenzene	13.834	146	158031	50.775	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	8279	48.415	ug/l	91
93) 1,2,4-Trichlorobenzene	15.098	180	95532	52.594	ug/l	95
94) Hexachlorobutadiene	15.204	225	52350	53.235	ug/l	98
95) Naphthalene	15.334	128	167654	53.087	ug/l	96
96) 1,2,3-Trichlorobenzene	15.522	180	81891	52.112	ug/l	98

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Quant Title : SW846 8260
QLast Update : Fri Mar 15 05:38:03 2024
Response via : Initial Calibration

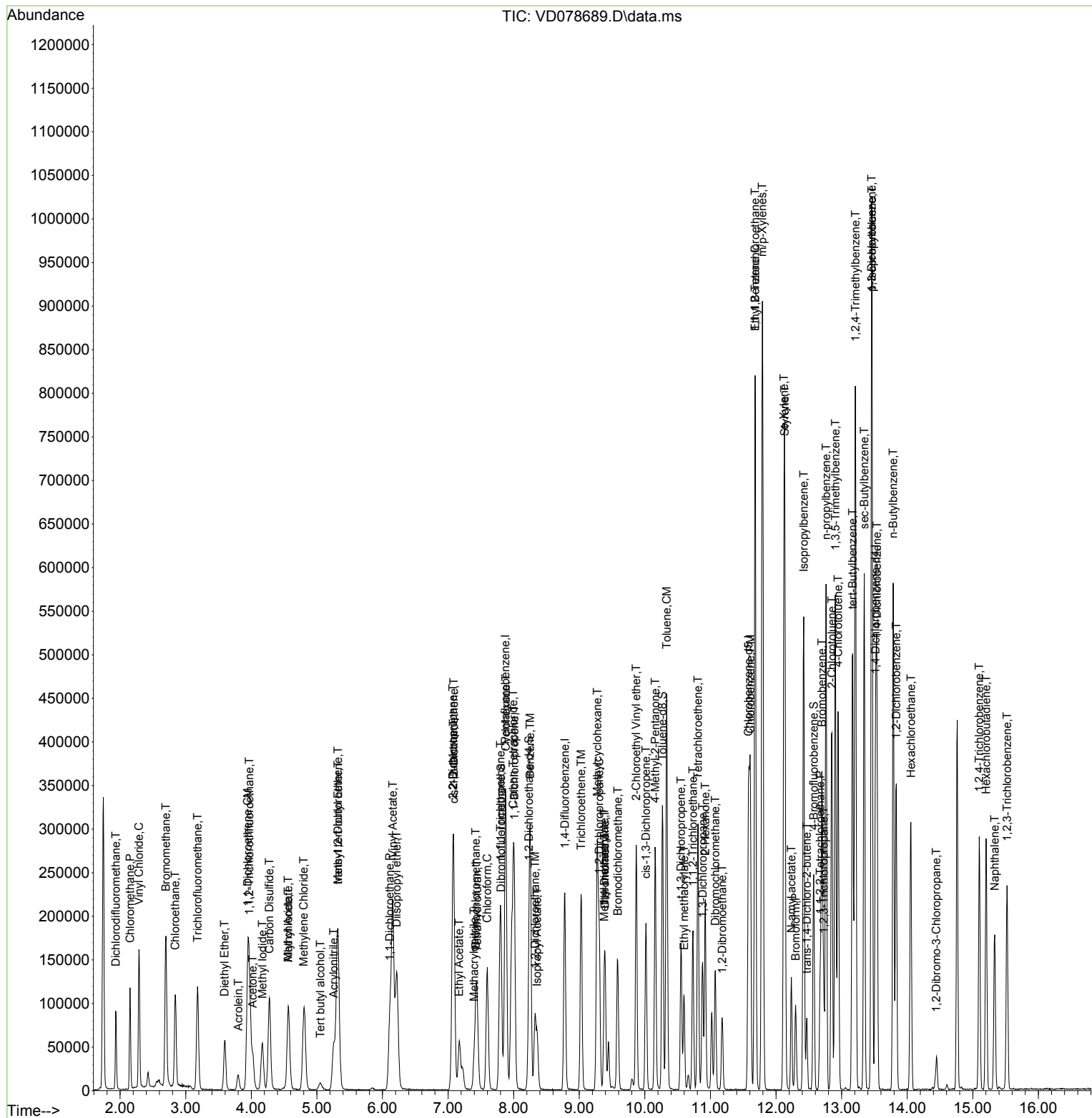
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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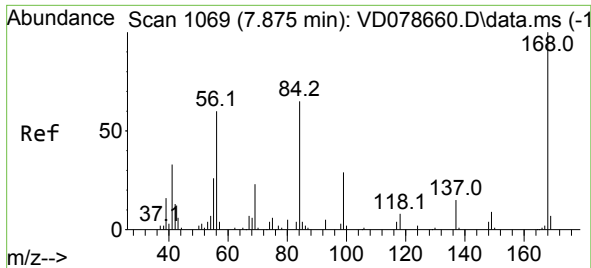
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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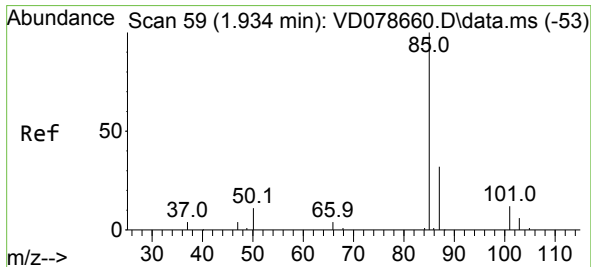
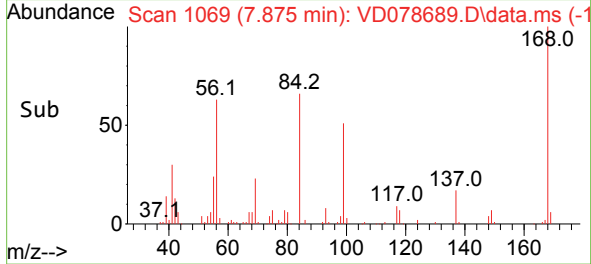
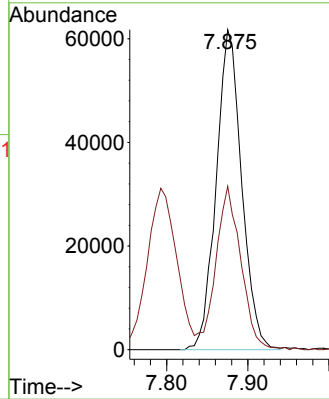
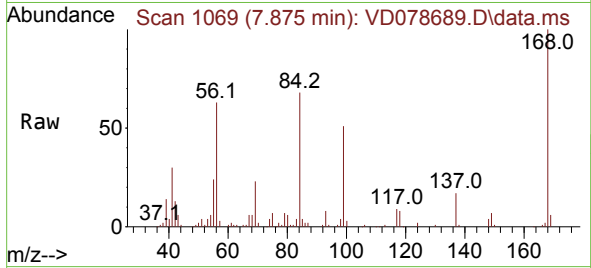




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD078689.D
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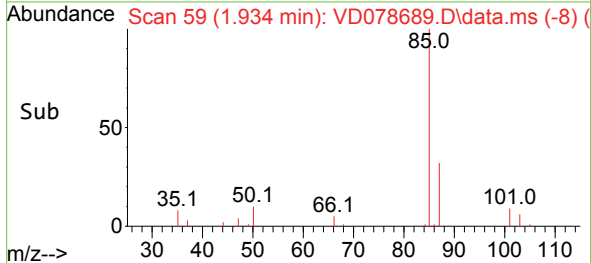
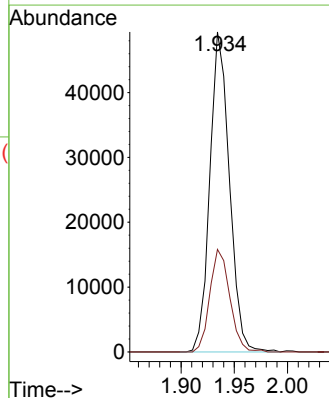
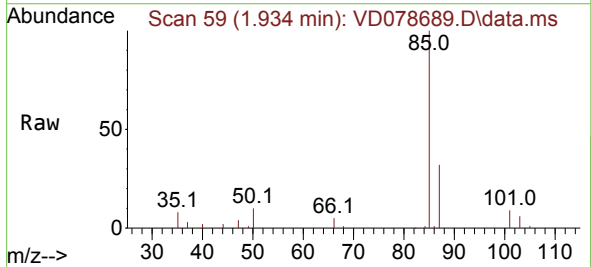
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

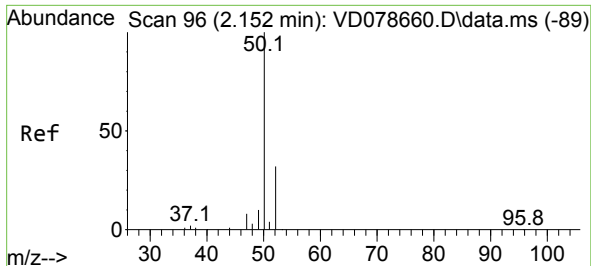
Tgt Ion:168 Resp: 134558
Ion Ratio Lower Upper
168 100
99 50.5 38.8 58.2



#2
Dichlorodifluoromethane
Concen: 50.322 ug/l
RT: 1.934 min Scan# 59
Delta R.T. -0.000 min
Lab File: VD078689.D
Acq: 18 Mar 2024 11:26

Tgt Ion: 85 Resp: 63020
Ion Ratio Lower Upper
85 100
87 32.1 16.2 48.5

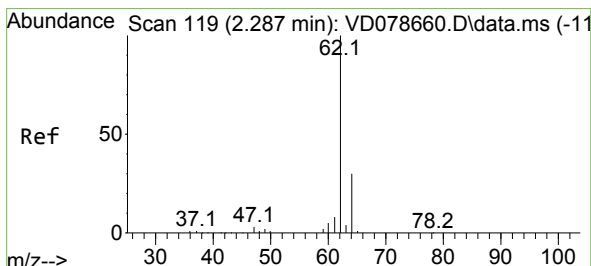
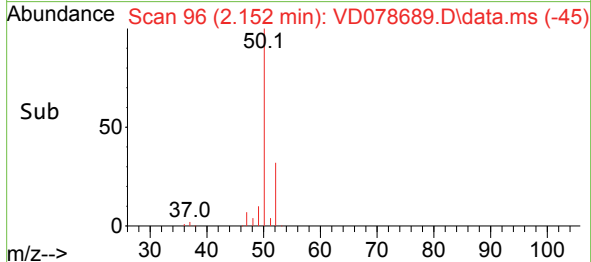
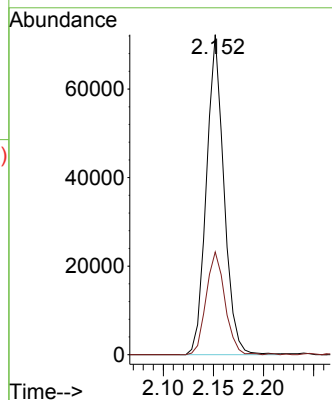
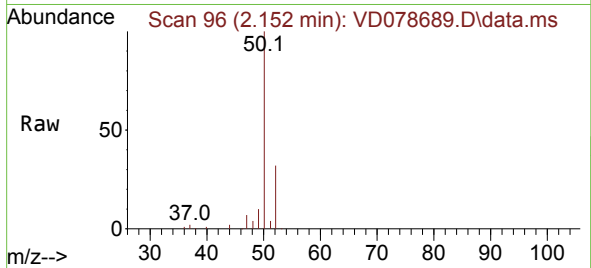




#3
Chloromethane
Concen: 44.659 ug/l
RT: 2.152 min Scan# 96
Delta R.T. -0.000 min
Lab File: VD078689.D
Acq: 18 Mar 2024 11:26

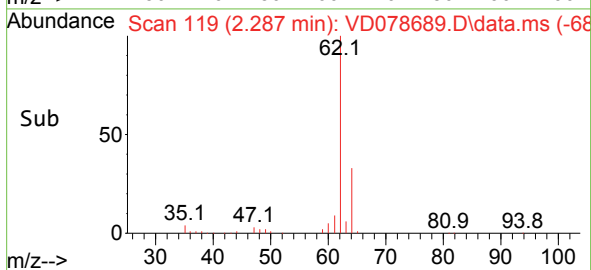
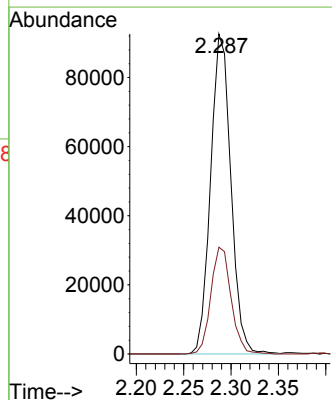
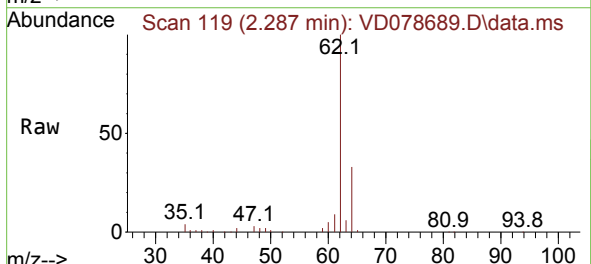
Instrument :
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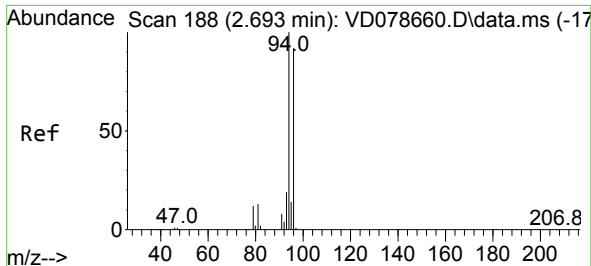
Tgt Ion: 50 Resp: 88308
Ion Ratio Lower Upper
50 100
52 32.1 25.6 38.4



#4
Vinyl Chloride
Concen: 47.259 ug/l
RT: 2.287 min Scan# 119
Delta R.T. -0.000 min
Lab File: VD078689.D
Acq: 18 Mar 2024 11:26

Tgt Ion: 62 Resp: 137854
Ion Ratio Lower Upper
62 100
64 33.3 23.7 35.5

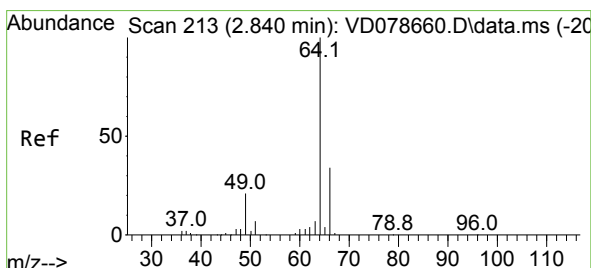
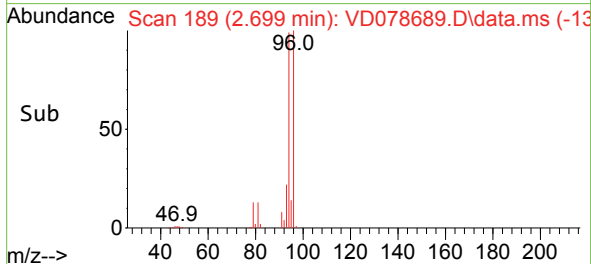
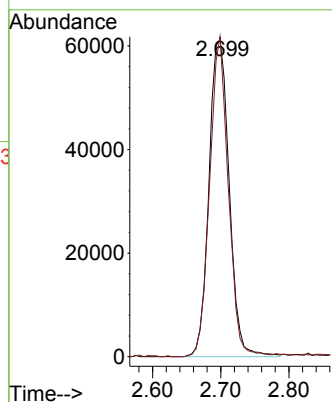
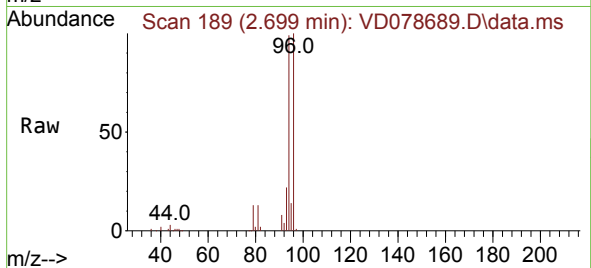




#5
Bromomethane
Concen: 45.277 ug/l
RT: 2.699 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD078689.D
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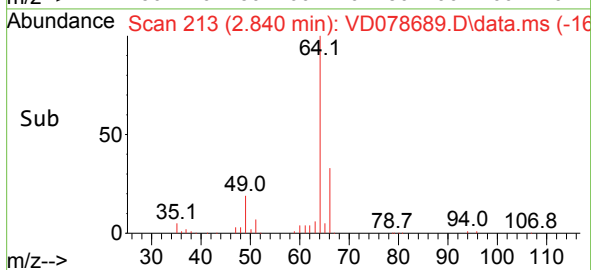
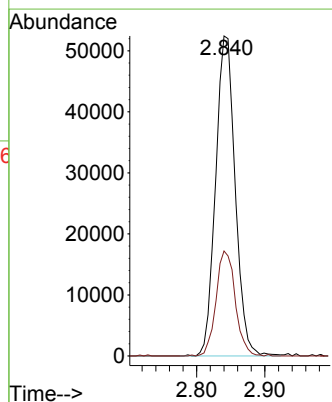
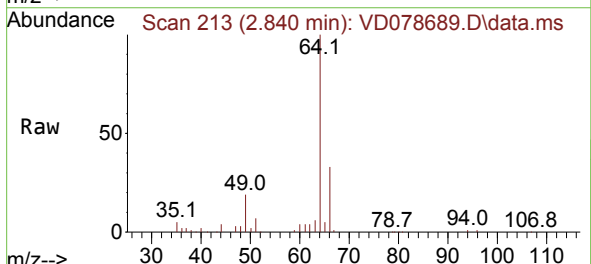
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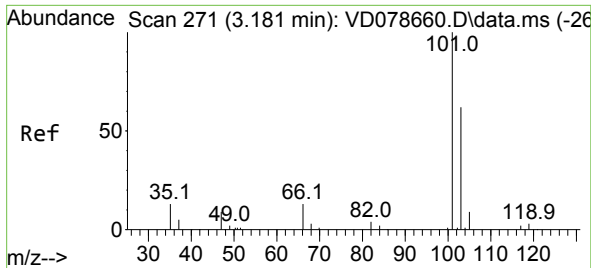
Tgt Ion: 94 Resp: 126452
Ion Ratio Lower Upper
94 100
96 92.9 73.5 110.3



#6
Chloroethane
Concen: 46.127 ug/l
RT: 2.840 min Scan# 213
Delta R.T. -0.000 min
Lab File: VD078689.D
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Tgt Ion: 64 Resp: 104931
Ion Ratio Lower Upper
64 100
66 32.8 26.8 40.2

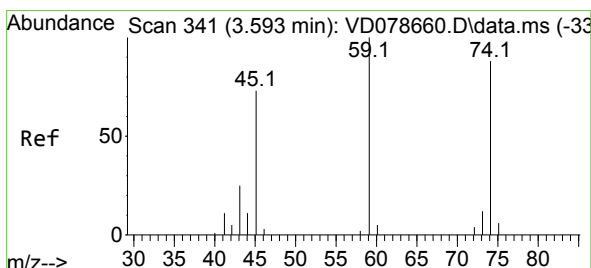
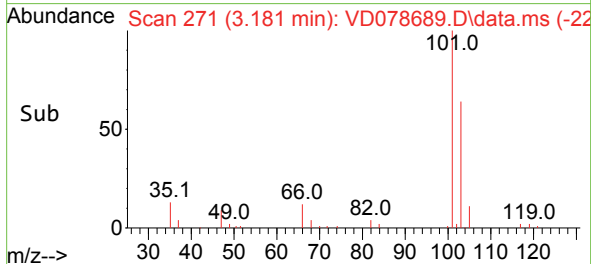
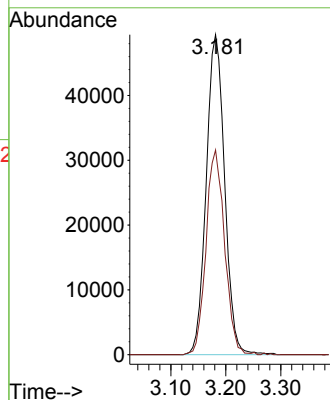
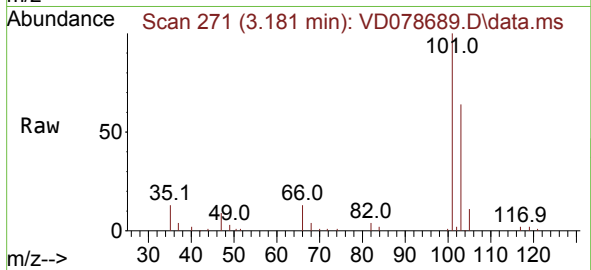




#7
 Trichlorofluoromethane
 Concen: 49.772 ug/l
 RT: 3.181 min Scan# 271
 Delta R.T. -0.000 min
 Lab File: VD078689.D
 Acq: 18 Mar 2024 11:26

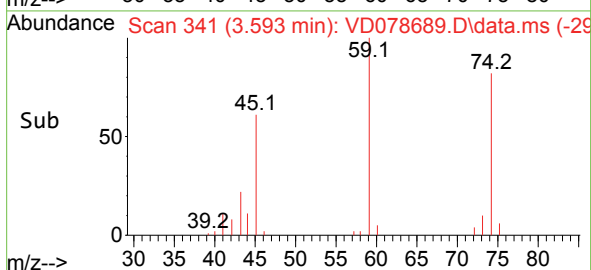
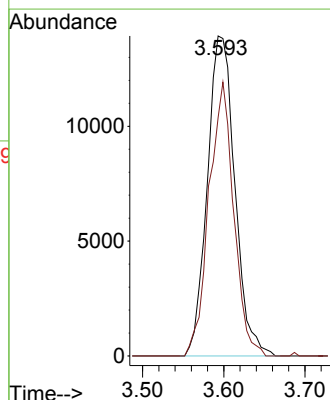
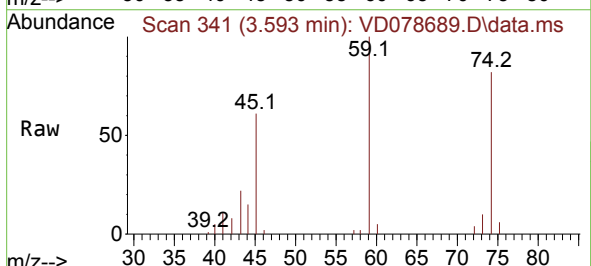
Instrument :
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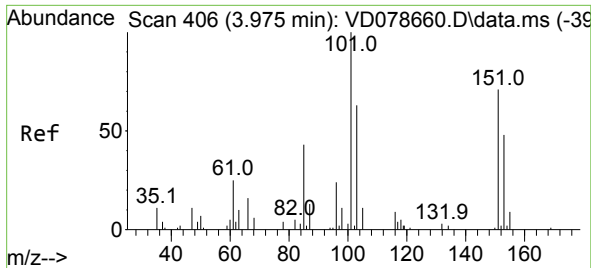
Tgt Ion:101 Resp: 114857
 Ion Ratio Lower Upper
 101 100
 103 64.0 49.7 74.5



#8
 Diethyl Ether
 Concen: 48.745 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VD078689.D
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Tgt Ion: 74 Resp: 32843
 Ion Ratio Lower Upper
 74 100
 45 77.0 42.4 127.3

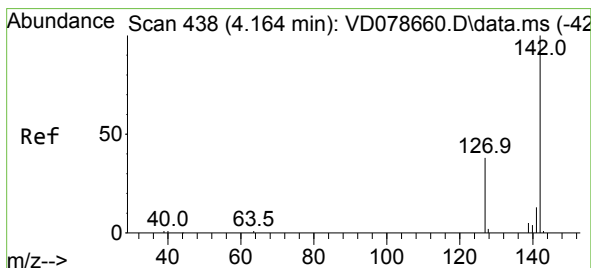
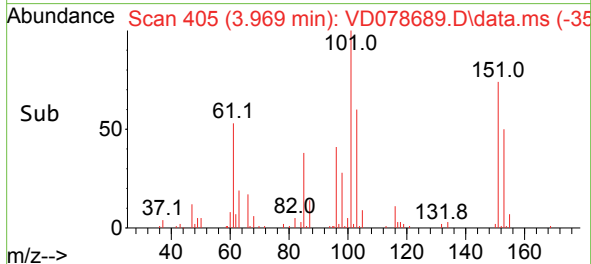
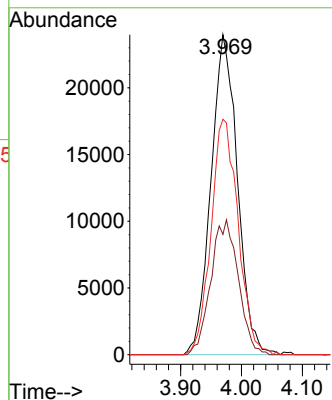
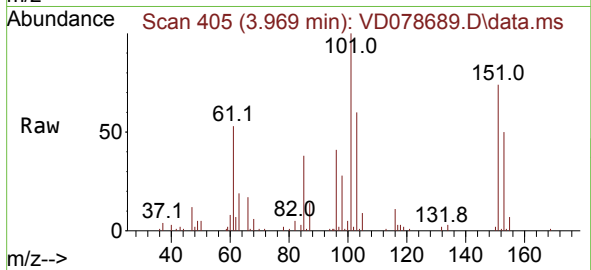




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.875 ug/l
RT: 3.969 min Scan# 406
Delta R.T. -0.006 min
Lab File: VD078689.D
Acq: 18 Mar 2024 11:26

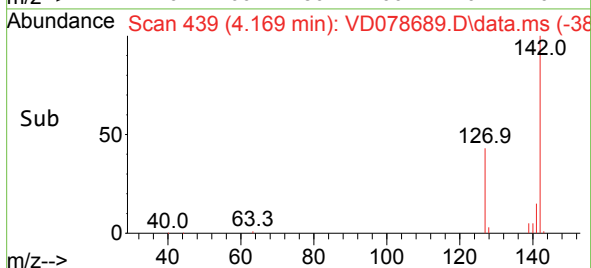
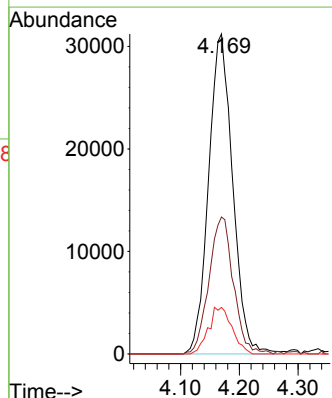
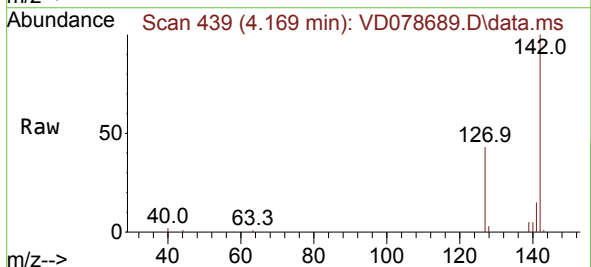
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

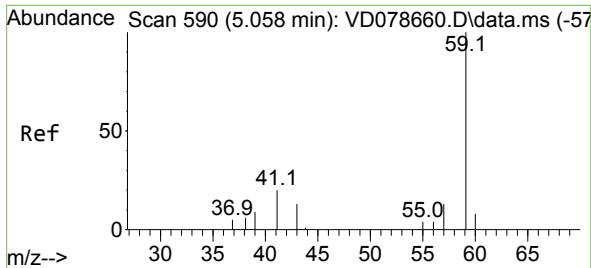
Tgt Ion:101 Resp: 72232
Ion Ratio Lower Upper
101 100
85 44.0 35.8 53.6
151 75.7 59.4 89.2



#10
Methyl Iodide
Concen: 51.790 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.006 min
Lab File: VD078689.D
Acq: 18 Mar 2024 11:26

Tgt Ion:142 Resp: 88723
Ion Ratio Lower Upper
142 100
127 43.4 33.5 50.3
141 14.3 11.7 17.5

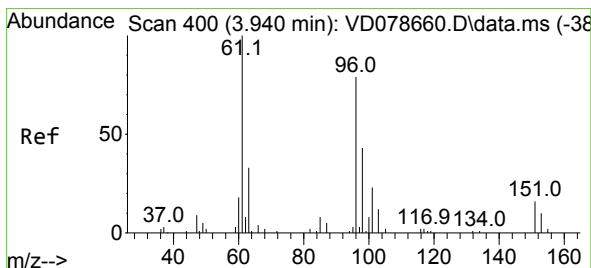
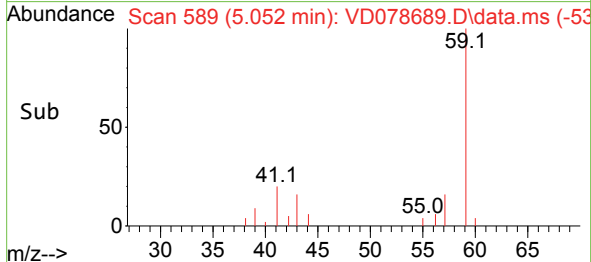
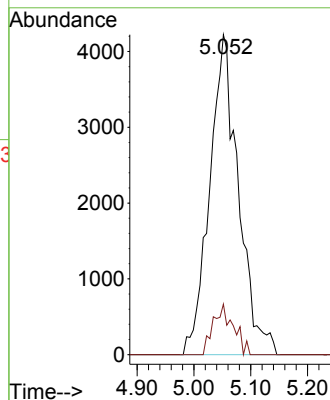
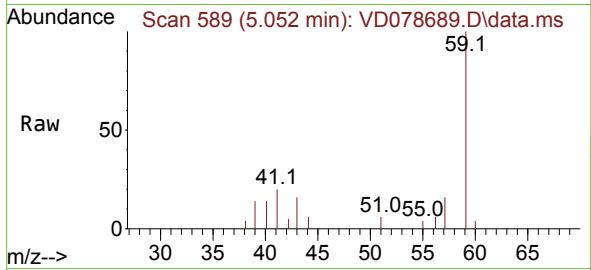




#11
Tert butyl alcohol
Concen: 263.563 ug/l
RT: 5.052 min Scan# 51
Delta R.T. -0.006 min
Lab File: VD078689.D
Acq: 18 Mar 2024 11:26

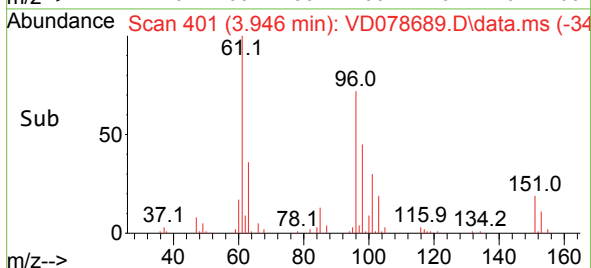
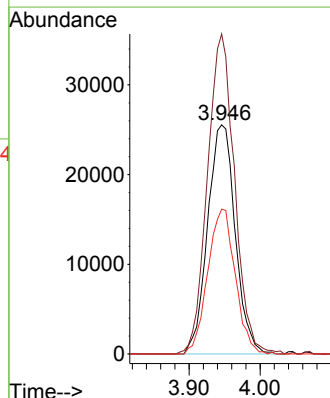
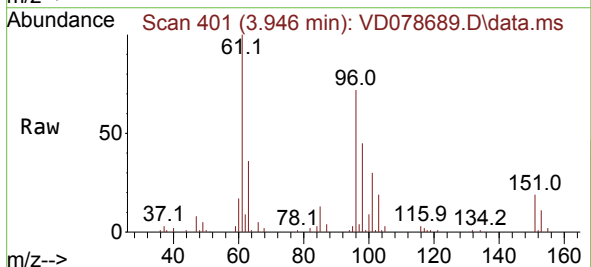
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

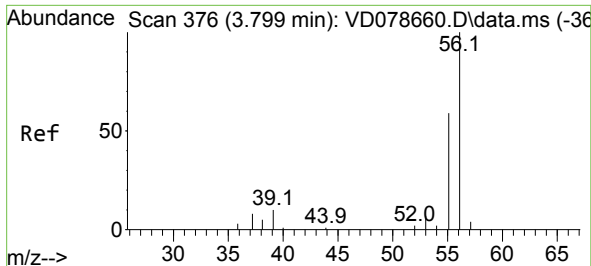
Tgt Ion: 59 Resp: 14874
Ion Ratio Lower Upper
59 100
57 11.0 7.4 11.0



#12
1,1-Dichloroethene
Concen: 50.094 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.006 min
Lab File: VD078689.D
Acq: 18 Mar 2024 11:26

Tgt Ion: 96 Resp: 68967
Ion Ratio Lower Upper
96 100
61 138.8 101.4 152.0
98 63.2 43.4 65.0





#13

Acrolein

Concen: 238.452 ug/l

RT: 3.805 min Scan# 31

Delta R.T. 0.006 min

Lab File: VD078689.D

Acq: 18 Mar 2024 11:26

Instrument :

MSVOA_D

ClientSampleId :

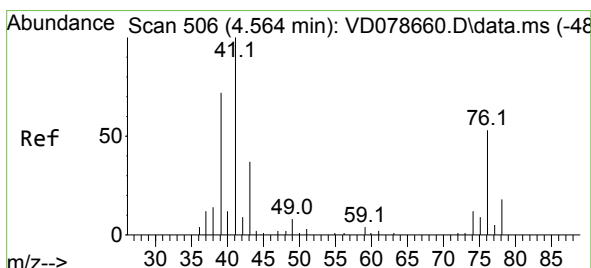
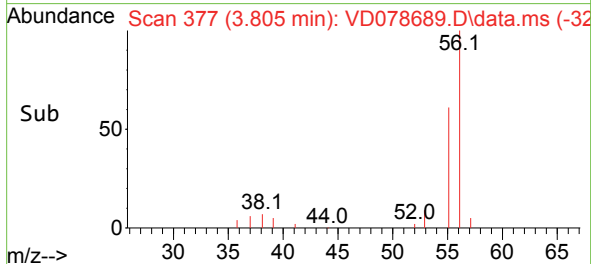
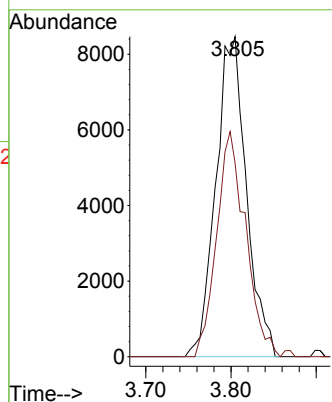
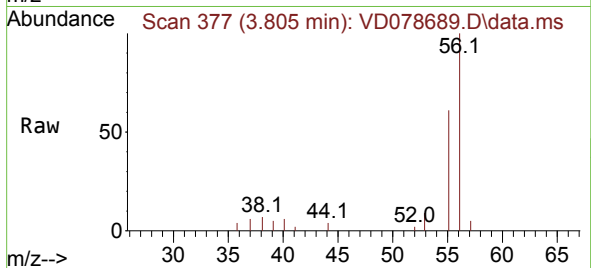
VSTDCCC050

Tgt Ion: 56 Resp: 21080

Ion Ratio Lower Upper

56 100

55 66.7 54.9 82.3



#14

Allyl chloride

Concen: 49.148 ug/l

RT: 4.563 min Scan# 506

Delta R.T. -0.000 min

Lab File: VD078689.D

Acq: 18 Mar 2024 11:26

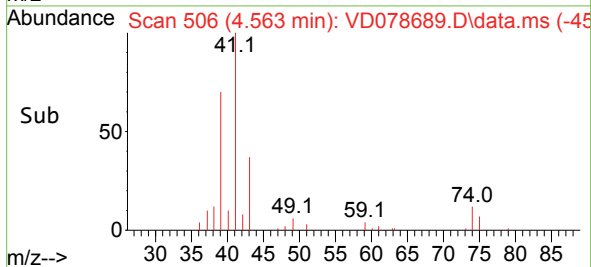
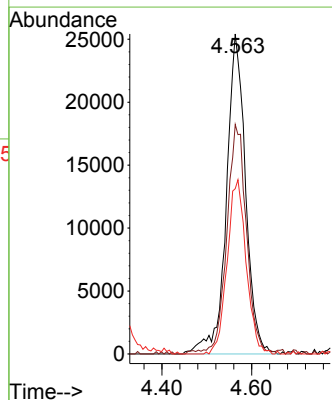
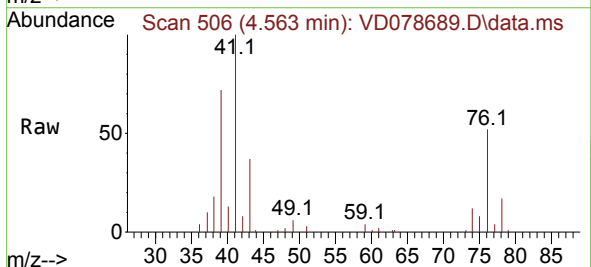
Tgt Ion: 41 Resp: 75501

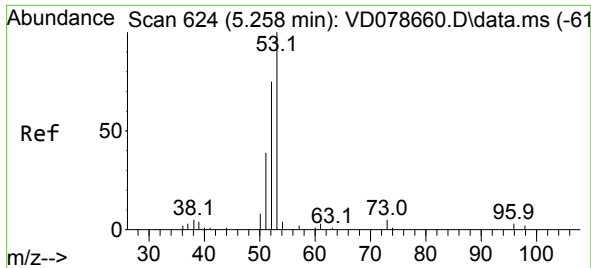
Ion Ratio Lower Upper

41 100

39 71.0 57.8 86.6

76 54.0 44.8 67.2

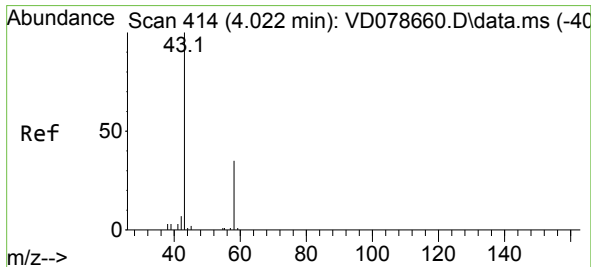
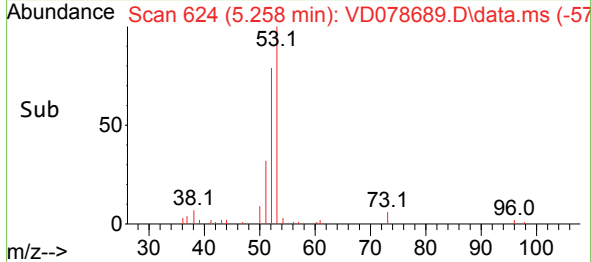
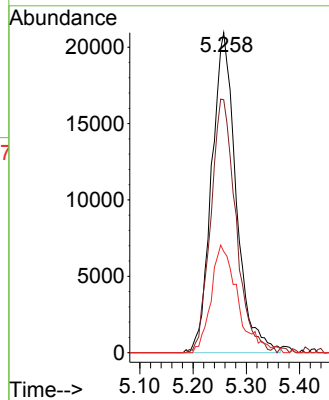
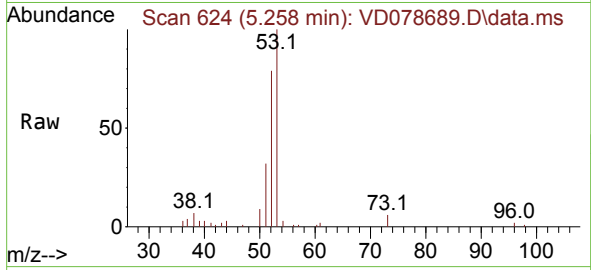




#15
Acrylonitrile
Concen: 246.698 ug/l
RT: 5.258 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD078689.D
Acq: 18 Mar 2024 11:26

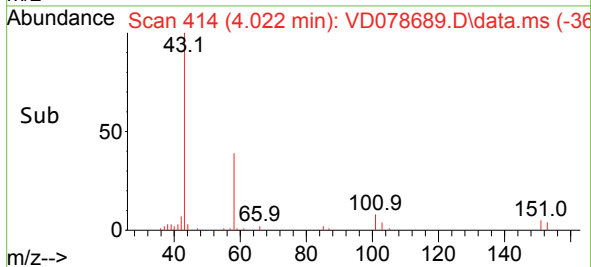
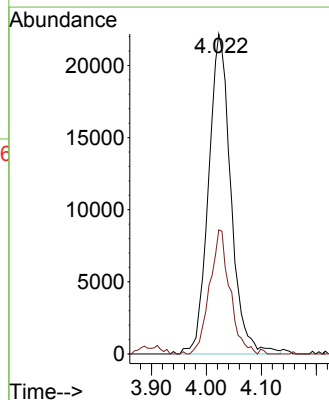
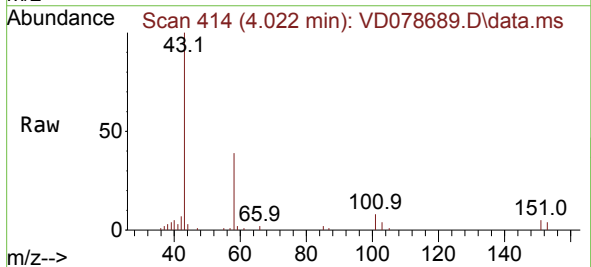
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

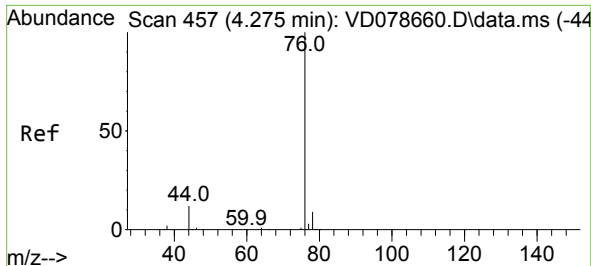
Tgt Ion:	53	Resp:	67006
Ion	Ratio	Lower	Upper
53	100		
52	80.8	61.9	92.9
51	36.8	29.0	43.4



#16
Acetone
Concen: 256.843 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.000 min
Lab File: VD078689.D
Acq: 18 Mar 2024 11:26

Tgt Ion:	43	Resp:	62631
Ion	Ratio	Lower	Upper
43	100		
58	38.8	28.2	42.4

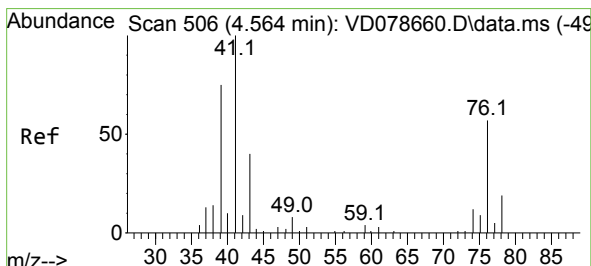
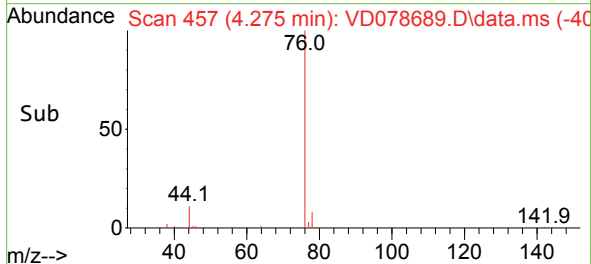
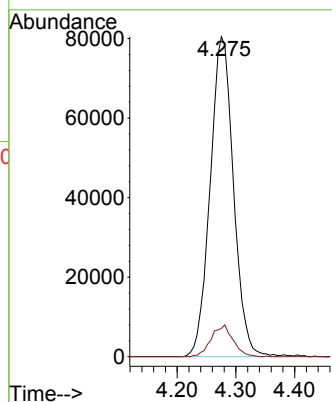
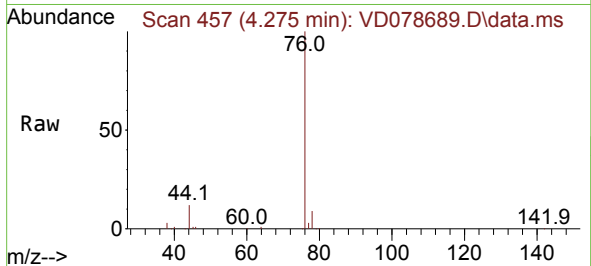




#17
Carbon Disulfide
Concen: 49.137 ug/l
RT: 4.275 min Scan# 417
Delta R.T. -0.000 min
Lab File: VD078689.D
Acq: 18 Mar 2024 11:26

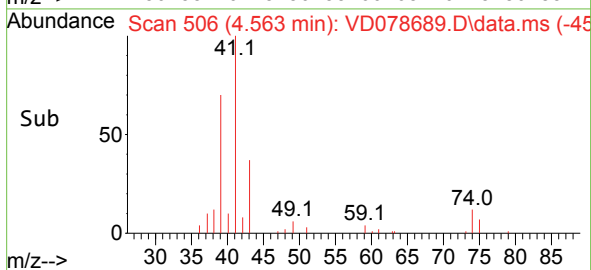
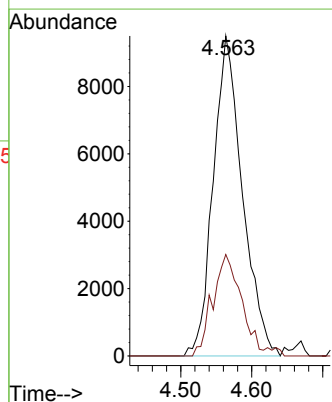
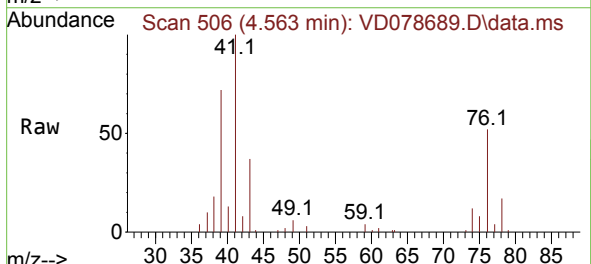
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

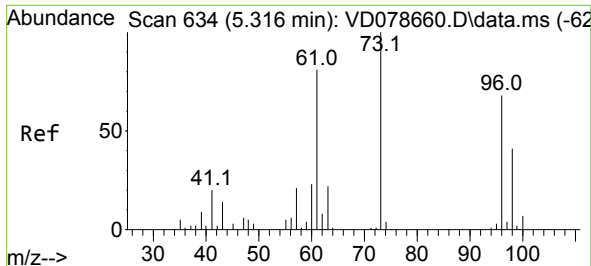
Tgt Ion: 76 Resp: 221773
Ion Ratio Lower Upper
76 100
78 8.8 7.3 10.9



#18
Methyl Acetate
Concen: 51.769 ug/l
RT: 4.563 min Scan# 506
Delta R.T. -0.001 min
Lab File: VD078689.D
Acq: 18 Mar 2024 11:26

Tgt Ion: 43 Resp: 27092
Ion Ratio Lower Upper
43 100
74 30.9 25.3 37.9

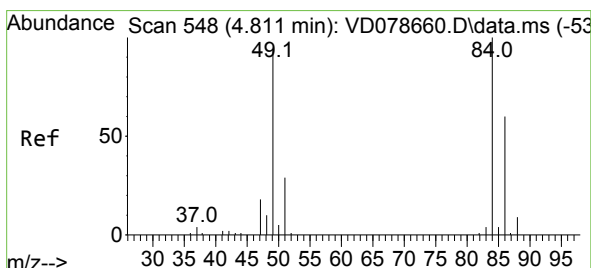
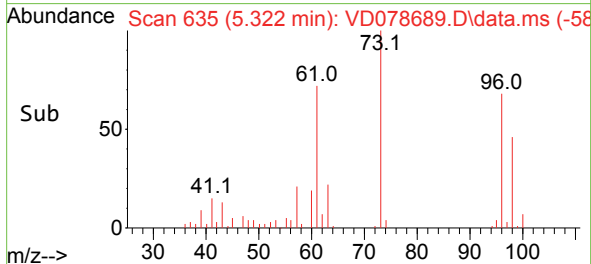
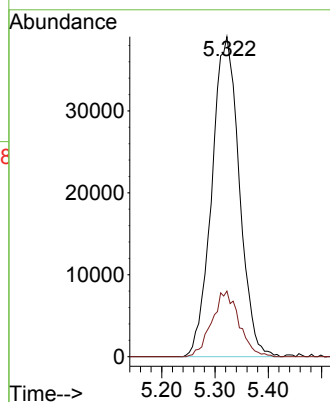
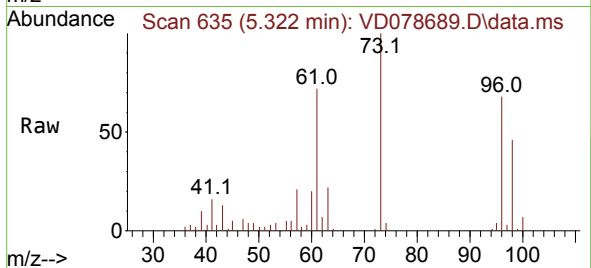




#19
Methyl tert-butyl Ether
Concen: 50.372 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD078689.D
Acq: 18 Mar 2024 11:26

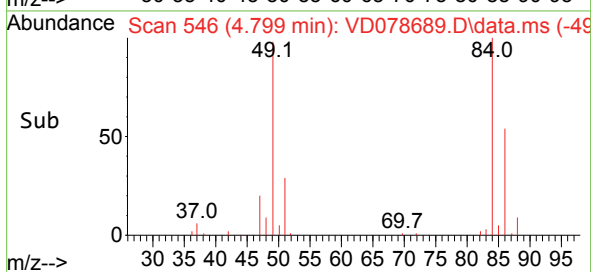
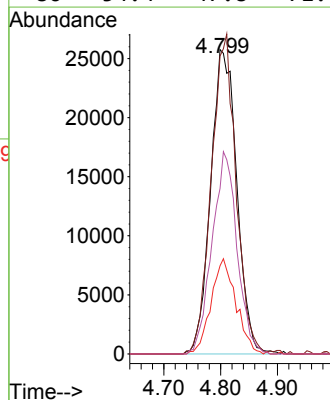
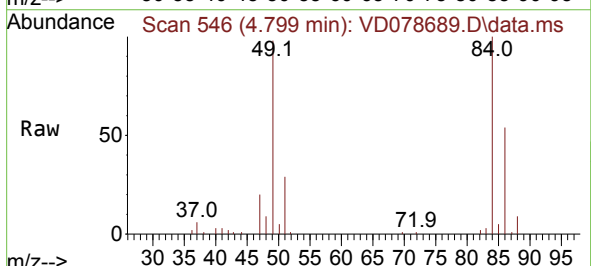
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

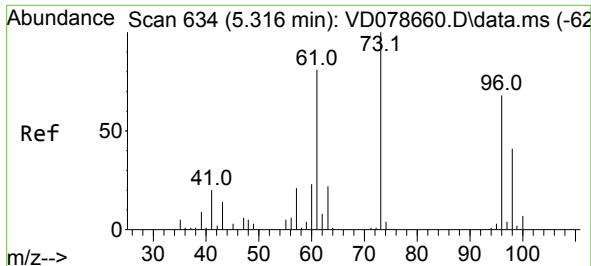
Tgt Ion: 73 Resp: 139856
Ion Ratio Lower Upper
73 100
57 20.5 16.4 24.6



#20
Methylene Chloride
Concen: 49.461 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.012 min
Lab File: VD078689.D
Acq: 18 Mar 2024 11:26

Tgt Ion: 84 Resp: 82315
Ion Ratio Lower Upper
84 100
49 97.9 75.6 113.4
51 29.0 23.4 35.0
86 54.4 47.8 71.6

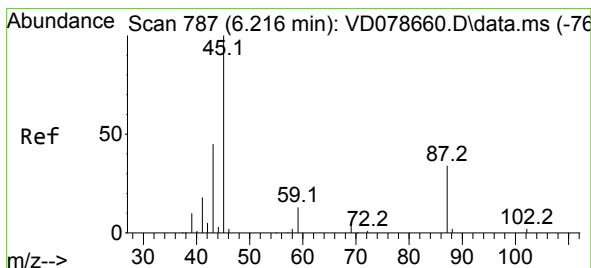
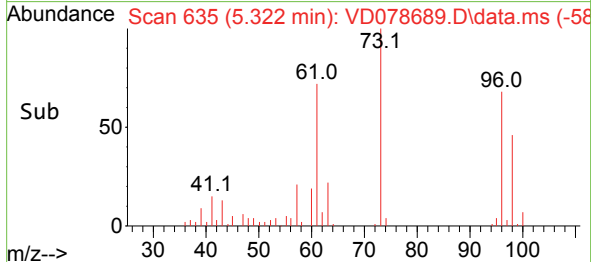
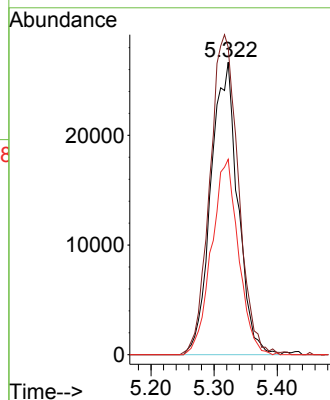
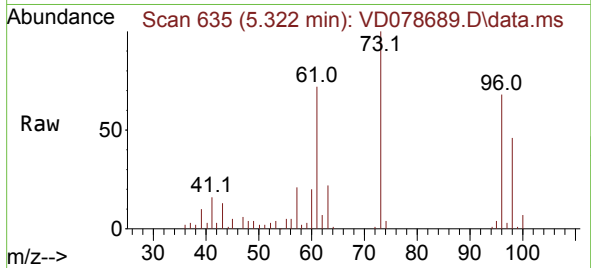




#21
trans-1,2-Dichloroethene
Concen: 48.634 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD078689.D
Acq: 18 Mar 2024 11:26

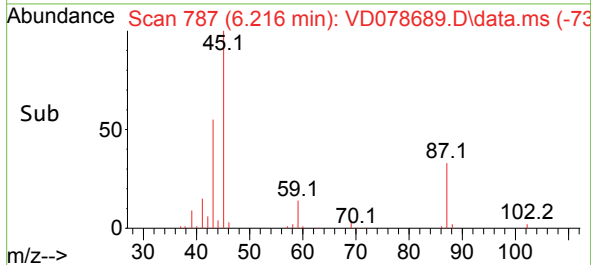
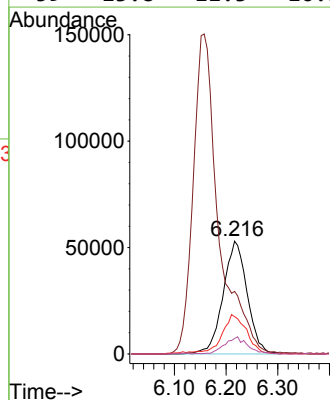
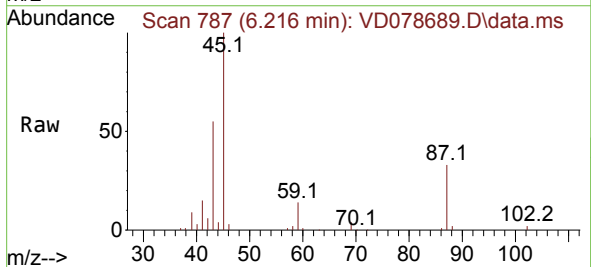
Instrument :
MSVOA_D
ClientSampleId :
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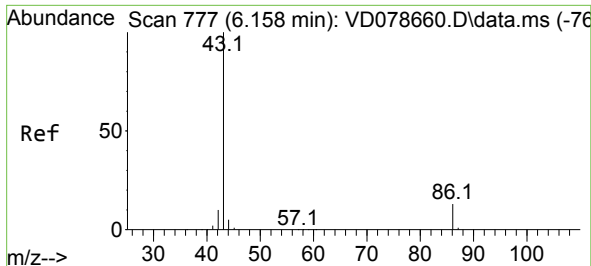
Tgt Ion: 96 Resp: 79008
Ion Ratio Lower Upper
96 100
61 105.1 96.1 144.1
98 66.8 48.9 73.3



#22
Diisopropyl ether
Concen: 49.097 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.000 min
Lab File: VD078689.D
Acq: 18 Mar 2024 11:26

Tgt Ion: 45 Resp: 171479
Ion Ratio Lower Upper
45 100
43 53.8 44.3 66.5
87 33.0 28.3 42.5
59 13.8 11.3 16.9

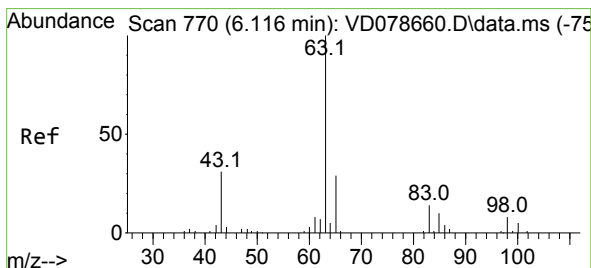
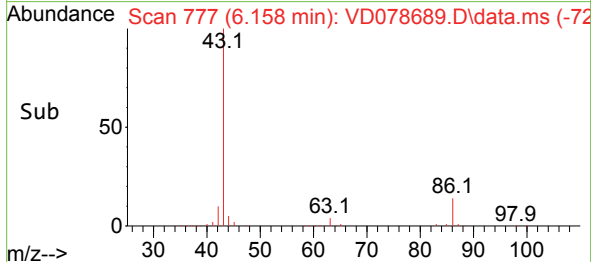
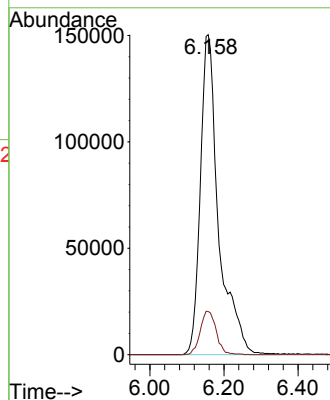
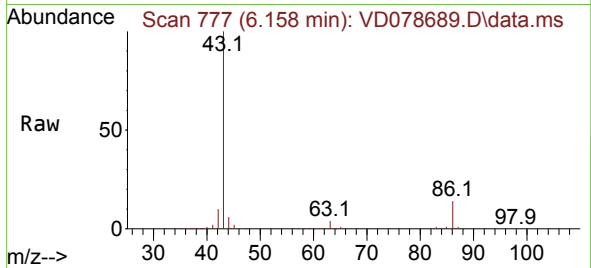




#23
 Vinyl Acetate
 Concen: 251.989 ug/l
 RT: 6.158 min Scan# 777
 Delta R.T. -0.000 min
 Lab File: VD078689.D
 Acq: 18 Mar 2024 11:26

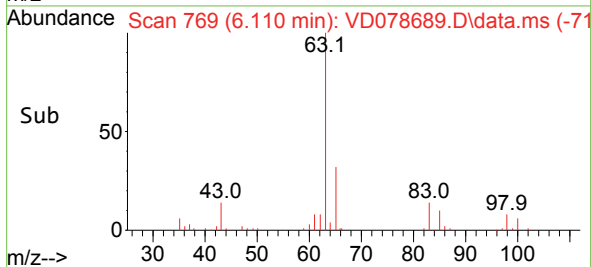
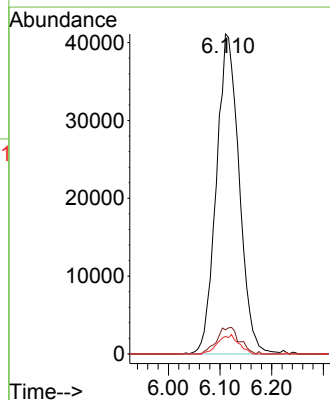
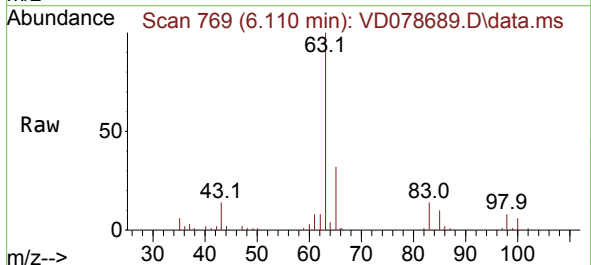
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

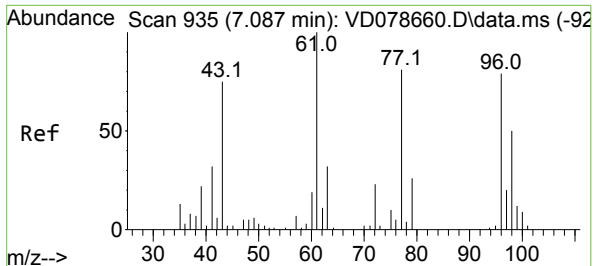
Tgt Ion: 43 Resp: 514816
 Ion Ratio Lower Upper
 43 100
 86 13.5 10.7 16.1



#24
 1,1-Dichloroethane
 Concen: 48.117 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. -0.006 min
 Lab File: VD078689.D
 Acq: 18 Mar 2024 11:26

Tgt Ion: 63 Resp: 125999
 Ion Ratio Lower Upper
 63 100
 98 7.6 4.0 11.9
 100 5.5 2.7 8.1

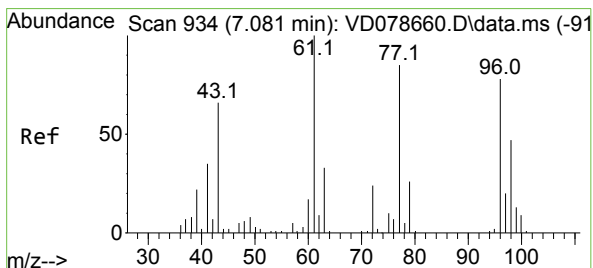
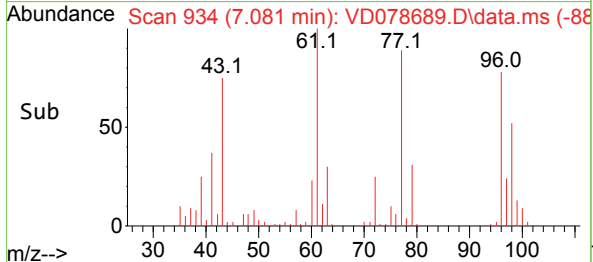
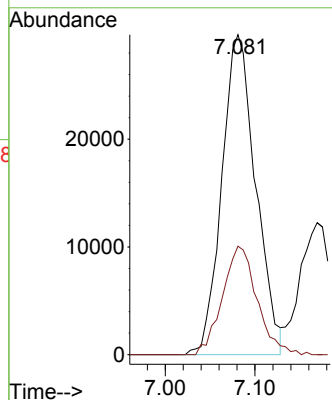
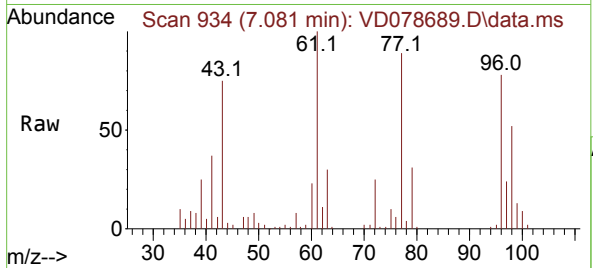




#25
2-Butanone
Concen: 240.170 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD078689.D
Acq: 18 Mar 2024 11:26

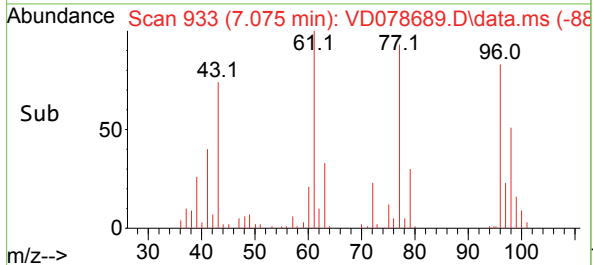
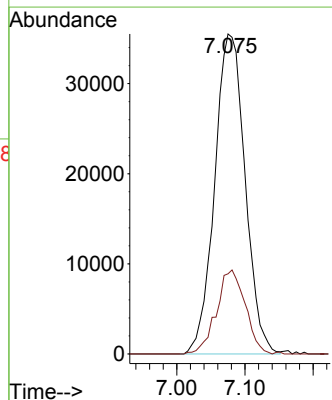
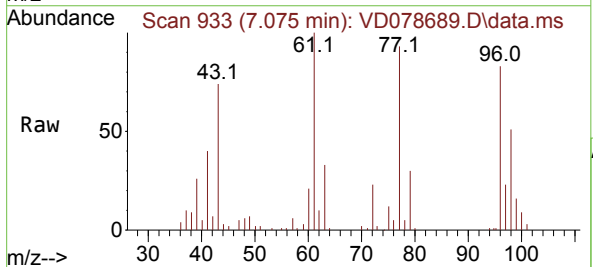
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

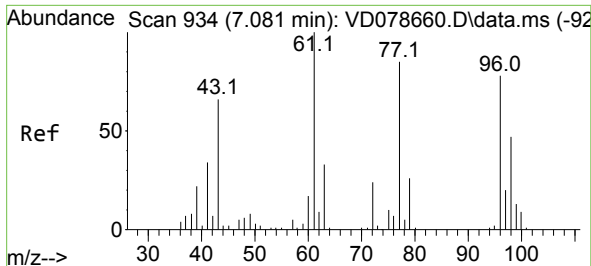
Tgt Ion: 43 Resp: 77863
Ion Ratio Lower Upper
43 100
72 33.9 25.0 37.6



#26
2,2-Dichloropropane
Concen: 49.836 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD078689.D
Acq: 18 Mar 2024 11:26

Tgt Ion: 77 Resp: 110410
Ion Ratio Lower Upper
77 100
97 24.8 12.4 37.0



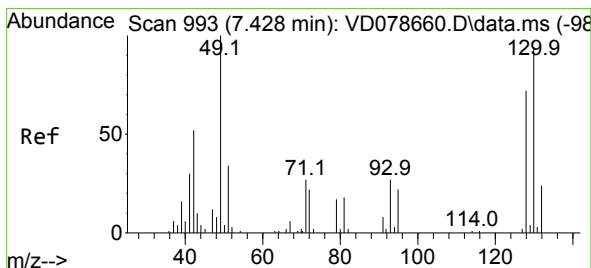
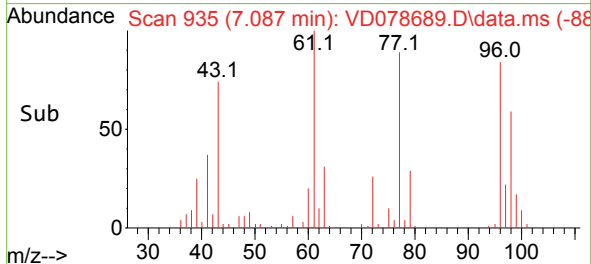
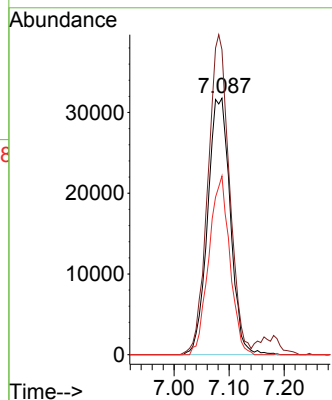
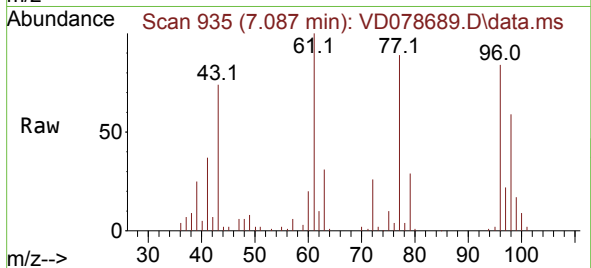


#27
 cis-1,2-Dichloroethene
 Concen: 49.134 ug/l
 RT: 7.087 min Scan# 910
 Delta R.T. 0.006 min
 Lab File: VD078689.D
 Acq: 18 Mar 2024 11:26

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 91039

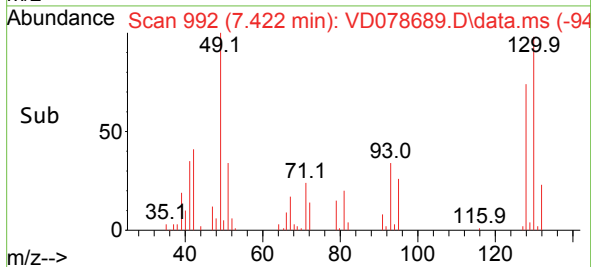
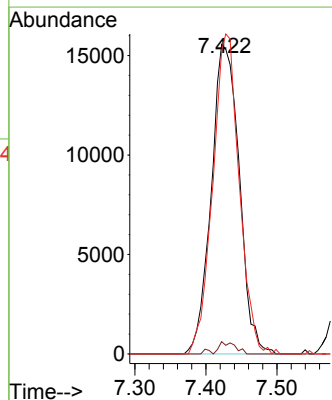
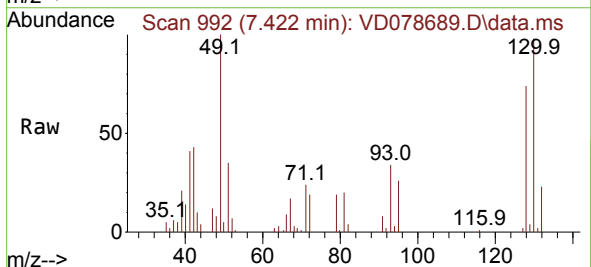
Ion	Ratio	Lower	Upper
96	100		
61	118.8	0.0	245.0
98	64.2	0.0	126.6

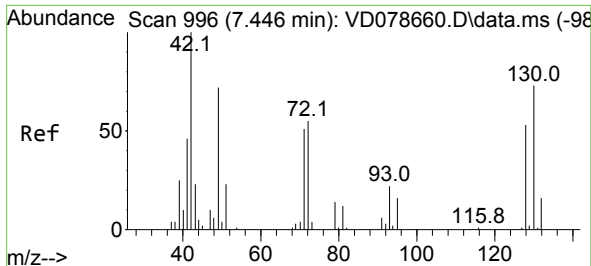


#28
 Bromochloromethane
 Concen: 45.612 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. -0.006 min
 Lab File: VD078689.D
 Acq: 18 Mar 2024 11:26

Tgt Ion: 49 Resp: 42582

Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	6.2
130	97.6	77.1	115.7

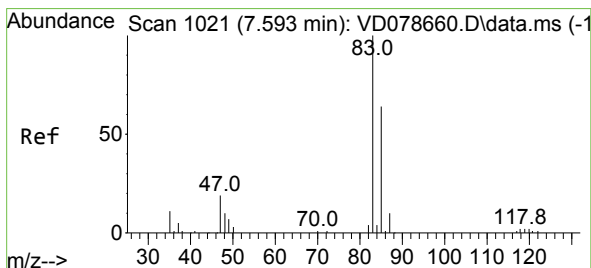
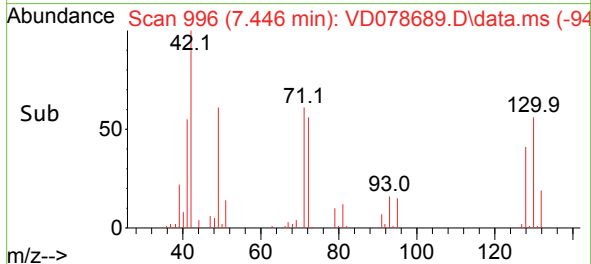
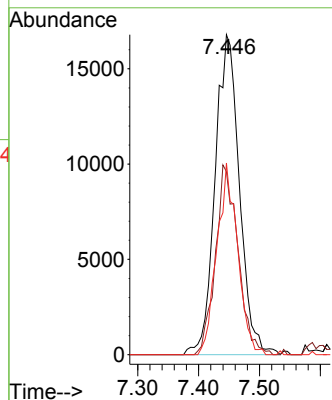
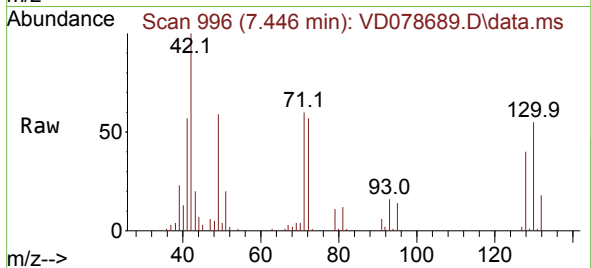




#29
Tetrahydrofuran
Concen: 263.965 ug/l
RT: 7.446 min Scan# 996
Delta R.T. -0.000 min
Lab File: VD078689.D
Acq: 18 Mar 2024 11:26

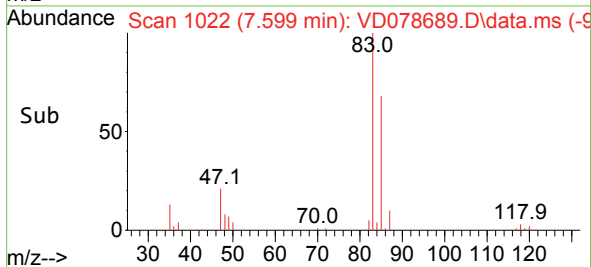
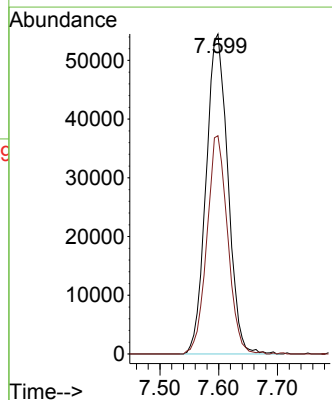
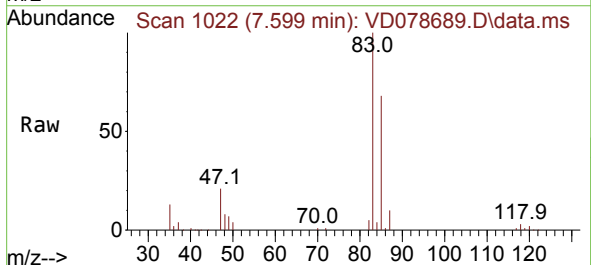
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

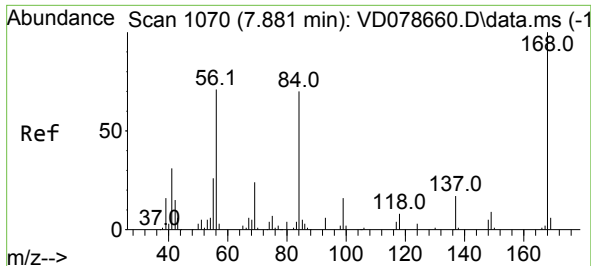
Tgt Ion:	42	Resp:	46546
Ion	Ratio	Lower	Upper
42	100		
72	55.0	43.8	65.6
71	51.1	42.0	63.0



#30
Chloroform
Concen: 48.020 ug/l
RT: 7.599 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VD078689.D
Acq: 18 Mar 2024 11:26

Tgt Ion:	83	Resp:	140203
Ion	Ratio	Lower	Upper
83	100		
85	68.2	51.2	76.8

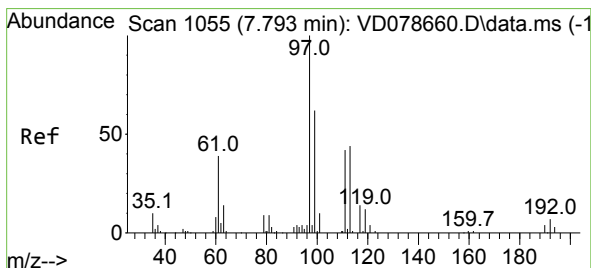
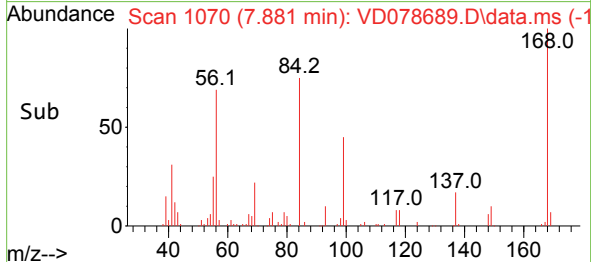
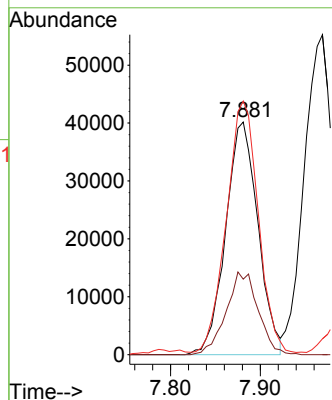
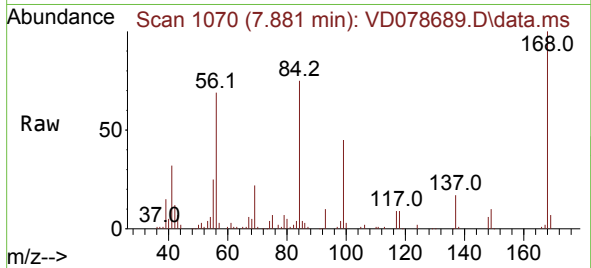




#31
Cyclohexane
Concen: 47.473 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD078689.D
Acq: 18 Mar 2024 11:26

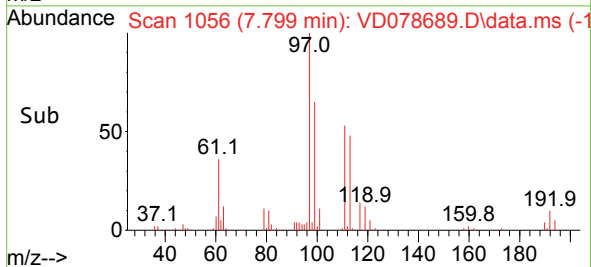
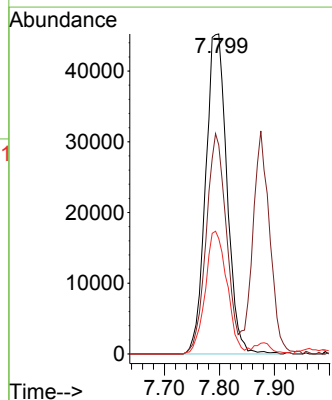
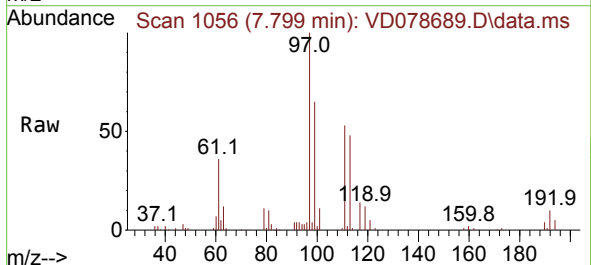
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

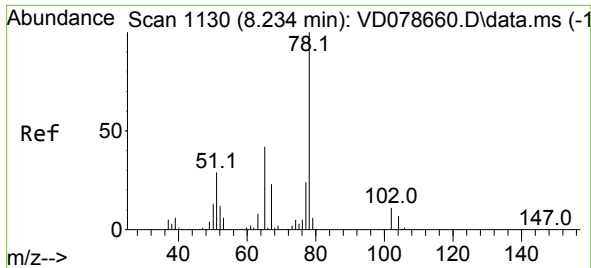
Tgt Ion: 56 Resp: 100621
Ion Ratio Lower Upper
56 100
69 32.5 26.6 40.0
84 107.0 79.4 119.2



#32
1,1,1-Trichloroethane
Concen: 49.192 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VD078689.D
Acq: 18 Mar 2024 11:26

Tgt Ion: 97 Resp: 121857
Ion Ratio Lower Upper
97 100
99 64.9 50.8 76.2
61 38.9 33.0 49.6





#33

1,2-Dichloroethane-d4

Concen: 42.304 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD078689.D

Acq: 18 Mar 2024 11:26

Instrument :

MSVOA_D

ClientSampleId :

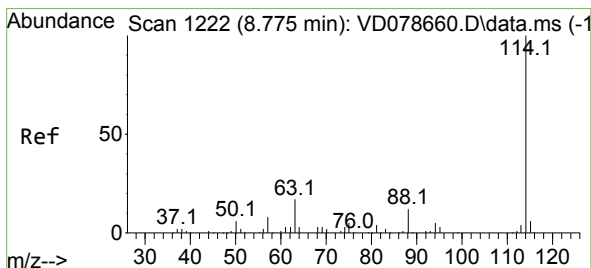
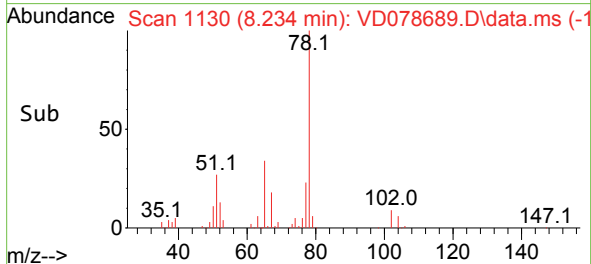
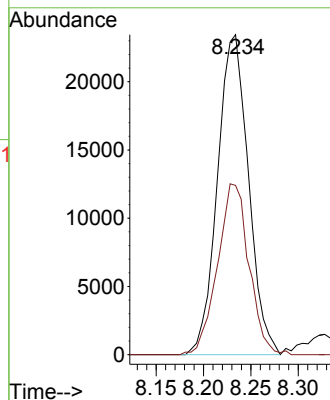
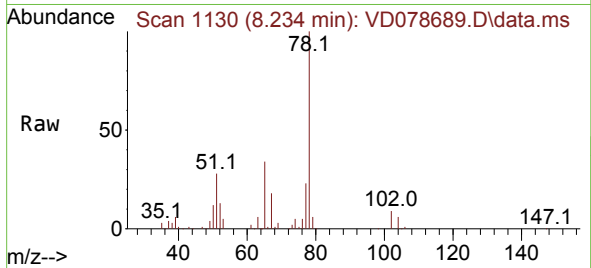
VSTDCCC050

Tgt Ion: 65 Resp: 53347

Ion Ratio Lower Upper

65 100

67 54.2 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD078689.D

Acq: 18 Mar 2024 11:26

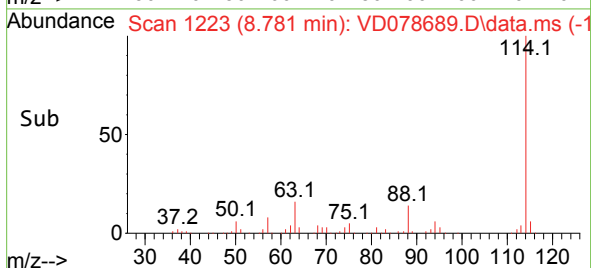
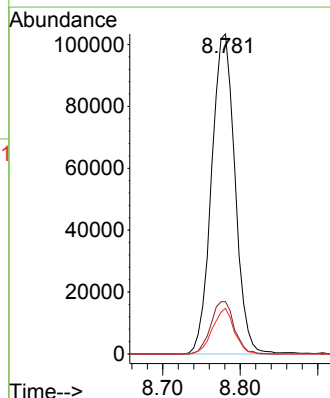
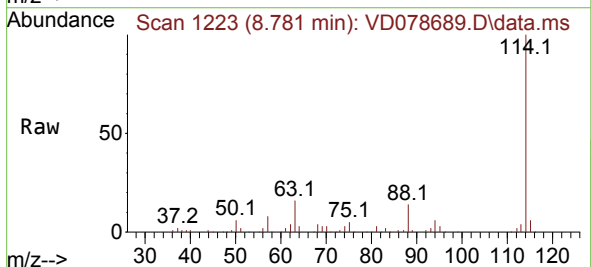
Tgt Ion: 114 Resp: 217267

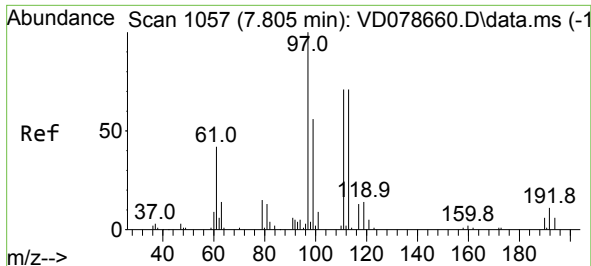
Ion Ratio Lower Upper

114 100

63 16.4 0.0 33.4

88 14.3 0.0 24.6

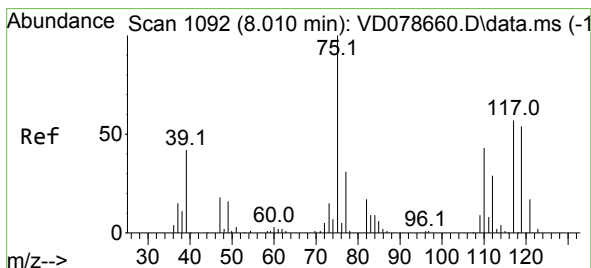
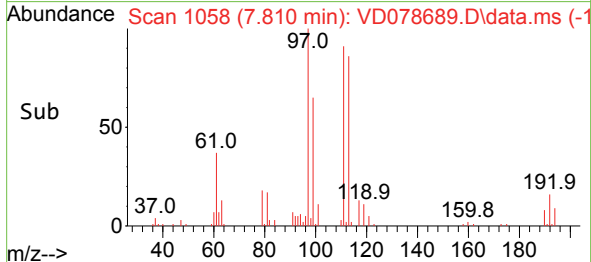
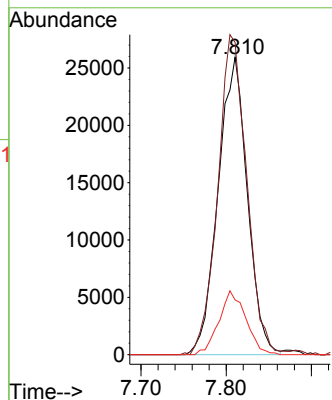
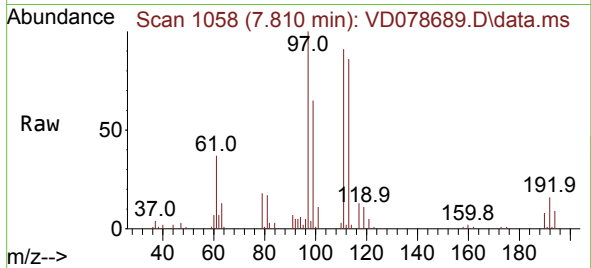




#35
Dibromofluoromethane
Concen: 44.246 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VD078689.D
Acq: 18 Mar 2024 11:26

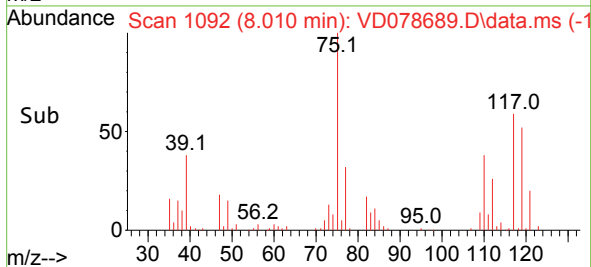
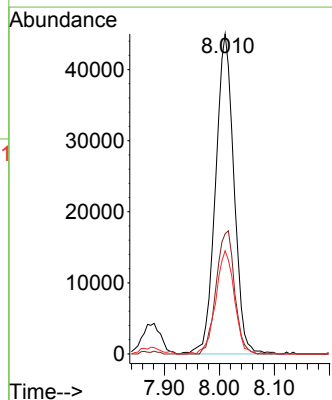
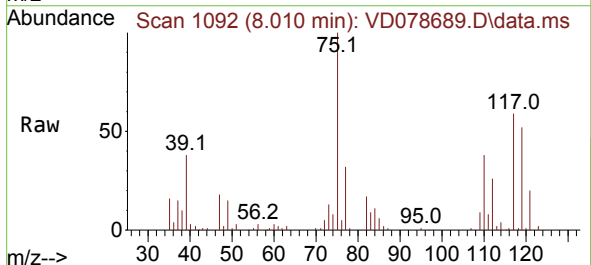
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

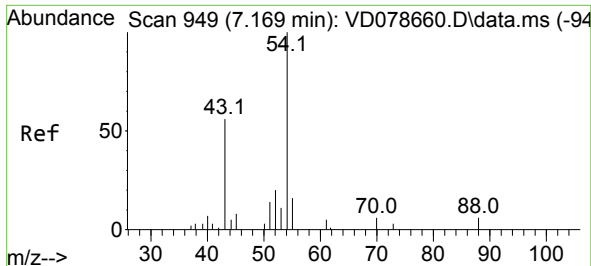
Tgt Ion:113 Resp: 61894
Ion Ratio Lower Upper
113 100
111 106.4 81.9 122.9
192 19.9 15.4 23.0



#36
1,1-Dichloropropene
Concen: 51.508 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VD078689.D
Acq: 18 Mar 2024 11:26

Tgt Ion: 75 Resp: 104543
Ion Ratio Lower Upper
75 100
110 38.6 19.1 57.1
77 32.6 25.4 38.2

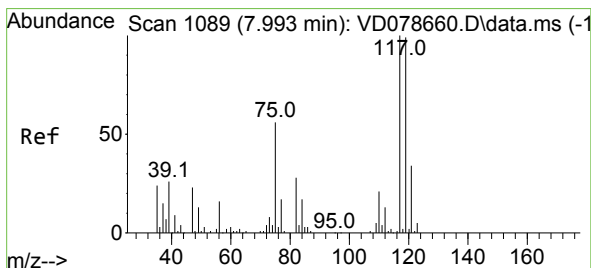
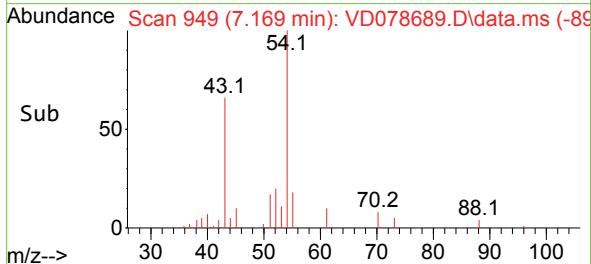
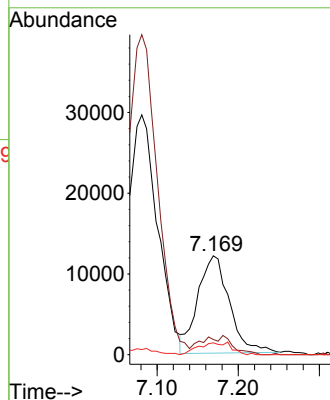
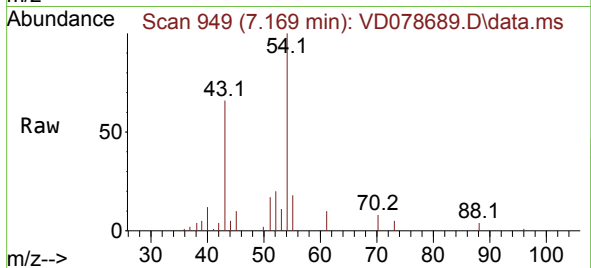




#37
Ethyl Acetate
Concen: 49.117 ug/l
RT: 7.169 min Scan# 949
Delta R.T. -0.000 min
Lab File: VD078689.D
Acq: 18 Mar 2024 11:26

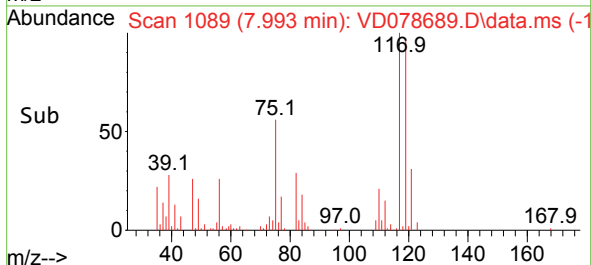
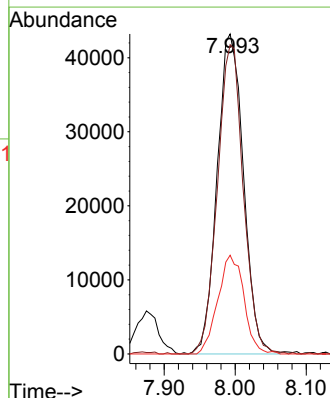
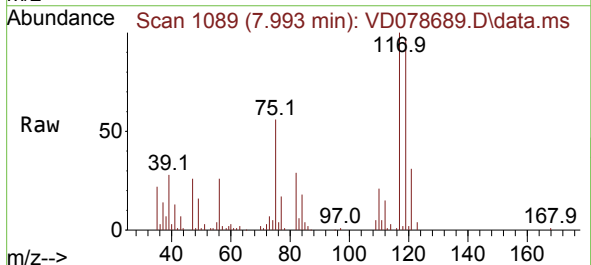
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

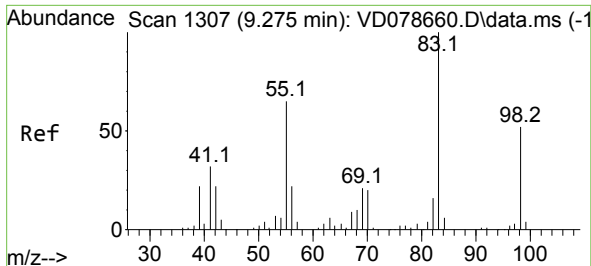
Tgt Ion: 43 Resp: 32568
Ion Ratio Lower Upper
43 100
61 0.0 14.6 21.8#
70 12.9 9.4 14.0



#38
Carbon Tetrachloride
Concen: 51.977 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD078689.D
Acq: 18 Mar 2024 11:26

Tgt Ion: 117 Resp: 111218
Ion Ratio Lower Upper
117 100
119 96.6 79.2 118.8
121 30.9 26.8 40.2





#39

Methylcyclohexane

Concen: 53.818 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

Lab File: VD078689.D

Acq: 18 Mar 2024 11:26

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

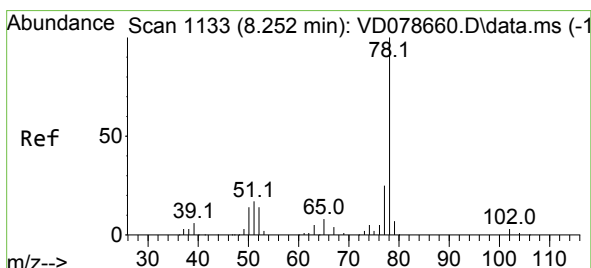
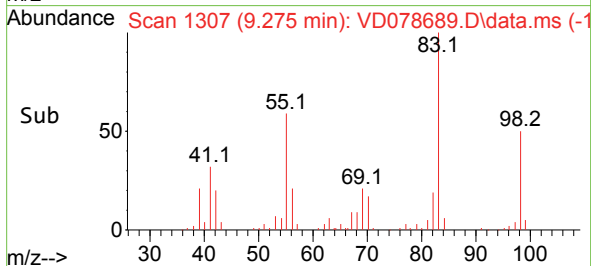
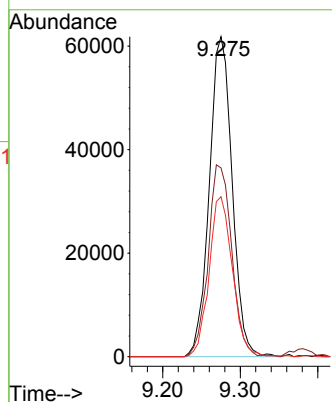
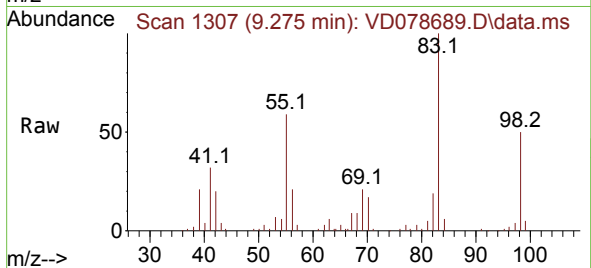
Tgt Ion: 83 Resp: 126713

Ion Ratio Lower Upper

83 100

55 59.0 51.7 77.5

98 50.0 41.4 62.0



#40

Benzene

Concen: 50.640 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. -0.000 min

Lab File: VD078689.D

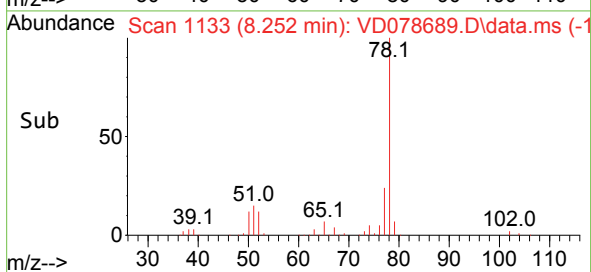
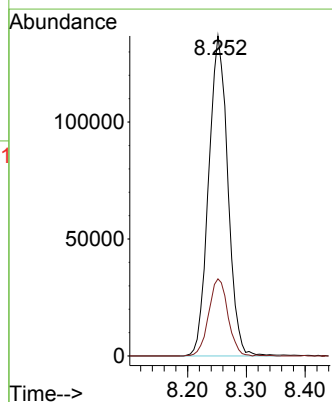
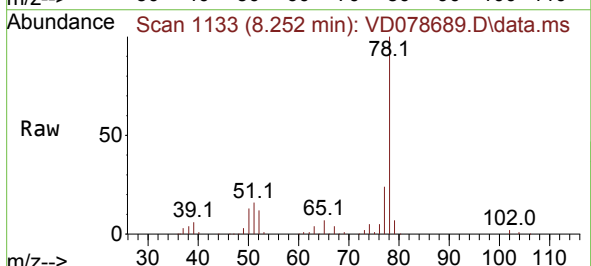
Acq: 18 Mar 2024 11:26

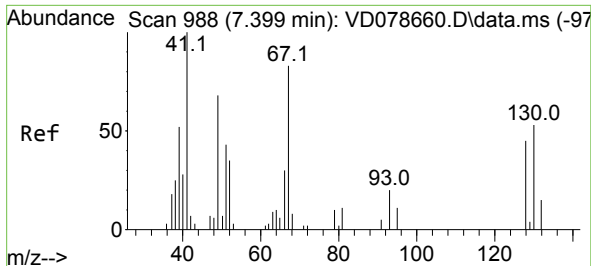
Tgt Ion: 78 Resp: 310698

Ion Ratio Lower Upper

78 100

77 24.1 20.4 30.6

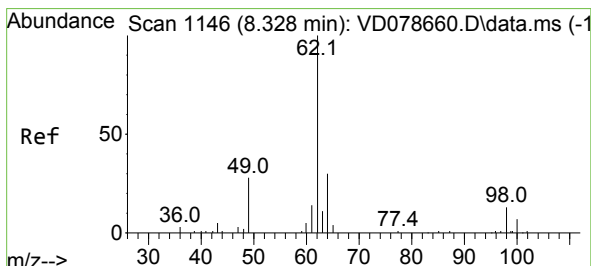
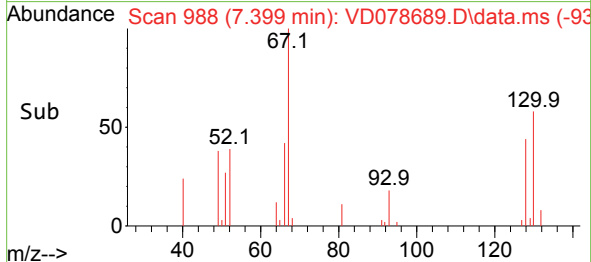
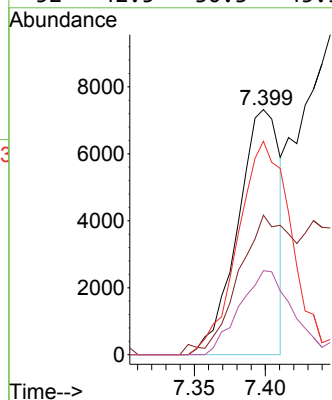
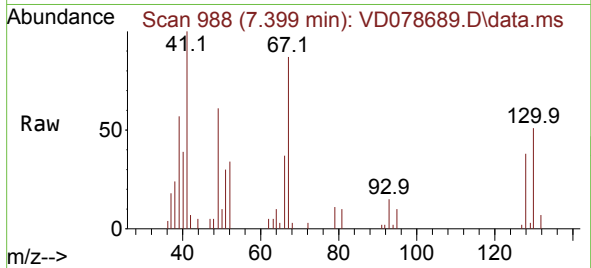




#41
Methacrylonitrile
Concen: 43.203 ug/l
RT: 7.399 min Scan# 911
Delta R.T. -0.000 min
Lab File: VD078689.D
Acq: 18 Mar 2024 11:26

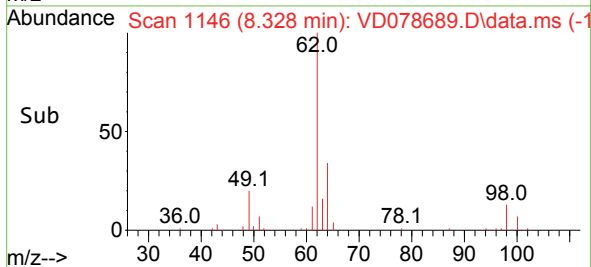
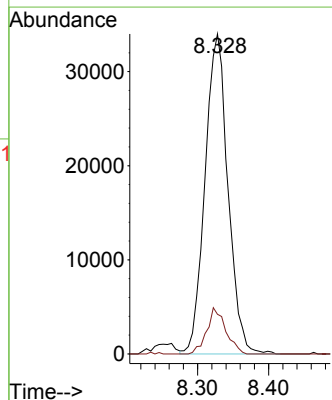
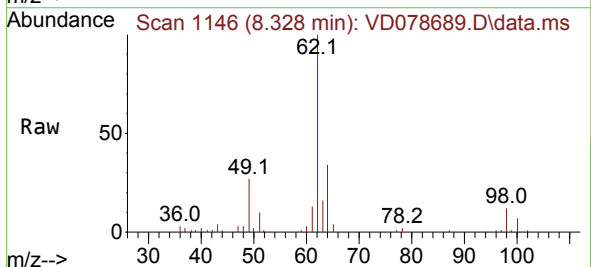
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

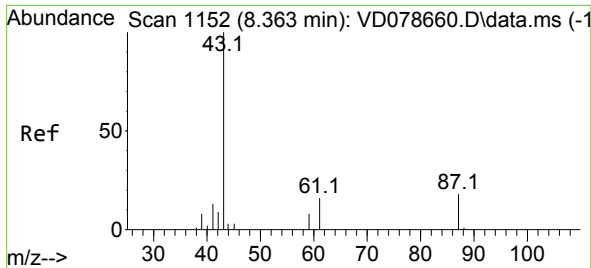
Tgt Ion: 41	Resp: 15012
Ion Ratio	Lower Upper
41 100	
39 74.0	39.8 59.6#
67 113.0	83.5 125.3
52 42.5	30.3 45.5



#42
1,2-Dichloroethane
Concen: 51.025 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD078689.D
Acq: 18 Mar 2024 11:26

Tgt Ion: 62	Resp: 76345
Ion Ratio	Lower Upper
62 100	
98 11.9	0.0 23.8

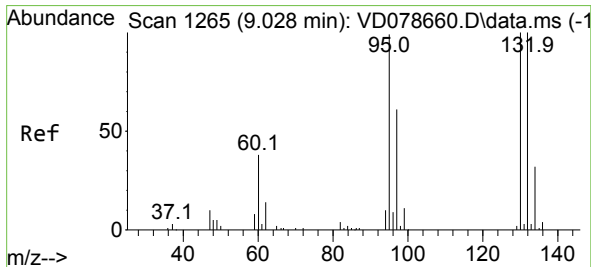
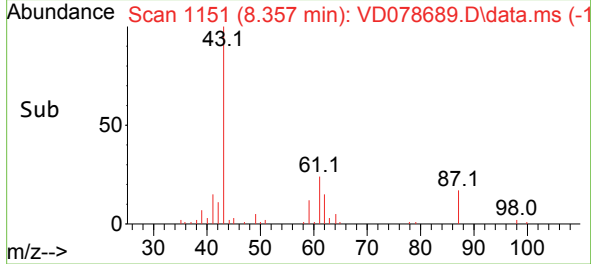
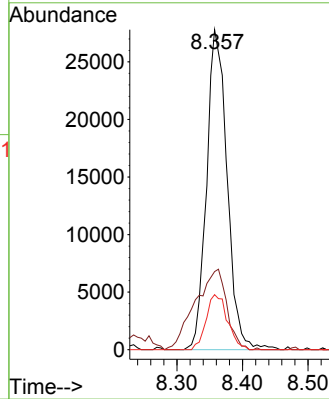
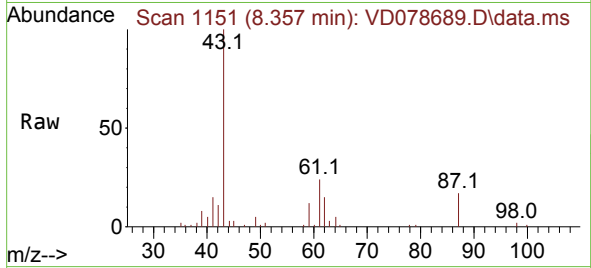




#43
Isopropyl Acetate
Concen: 50.254 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.006 min
Lab File: VD078689.D
Acq: 18 Mar 2024 11:26

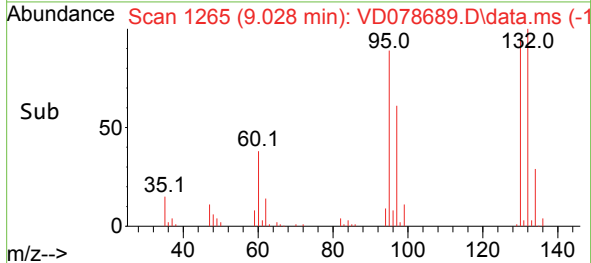
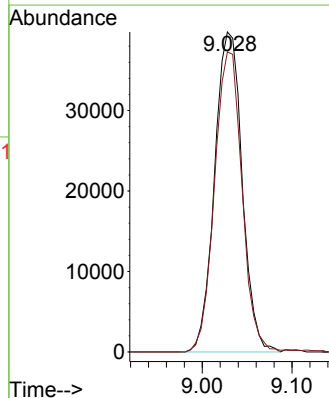
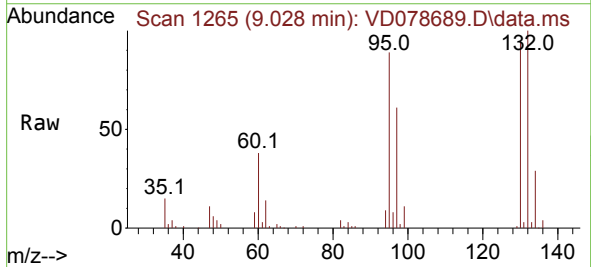
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

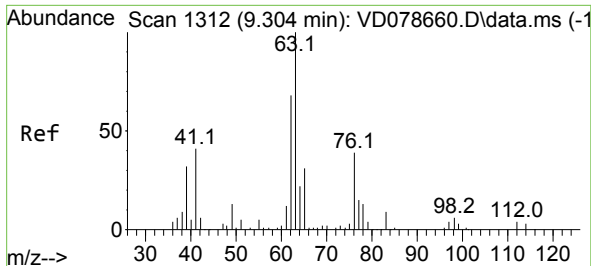
Tgt Ion: 43	Resp: 60599
Ion Ratio	Lower Upper
43	100
61	38.5 30.1 45.1
87	17.9 14.4 21.6



#44
Trichloroethene
Concen: 50.829 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD078689.D
Acq: 18 Mar 2024 11:26

Tgt Ion: 130	Resp: 84633
Ion Ratio	Lower Upper
130	100
95	93.8 0.0 197.8





#45

1,2-Dichloropropane

Concen: 50.662 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VD078689.D

Acq: 18 Mar 2024 11:26

Instrument :

MSVOA_D

ClientSampleId :

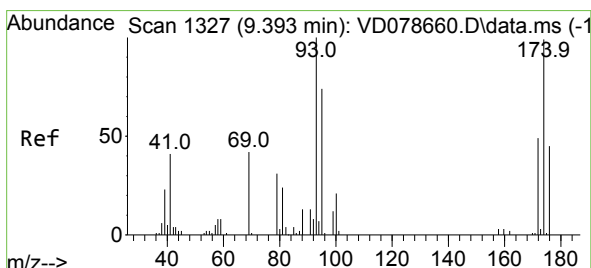
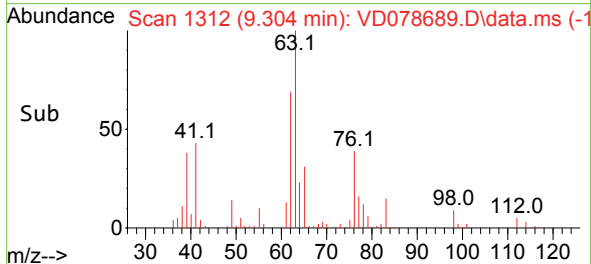
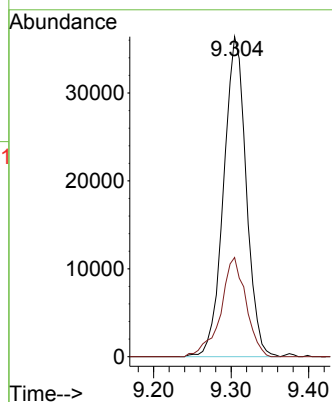
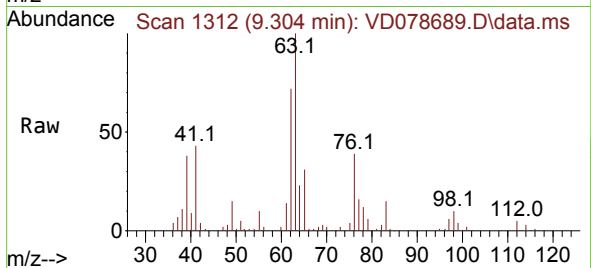
VSTDCCC050

Tgt Ion: 63 Resp: 73736

Ion Ratio Lower Upper

63 100

65 31.0 24.8 37.2



#46

Dibromomethane

Concen: 49.678 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD078689.D

Acq: 18 Mar 2024 11:26

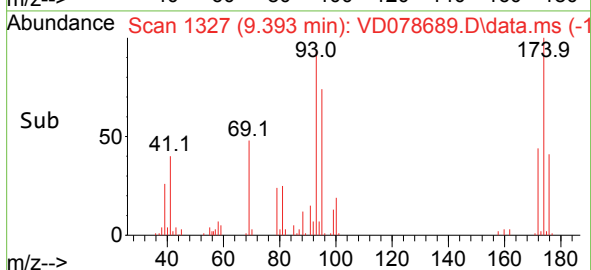
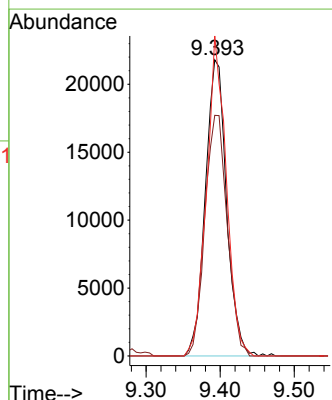
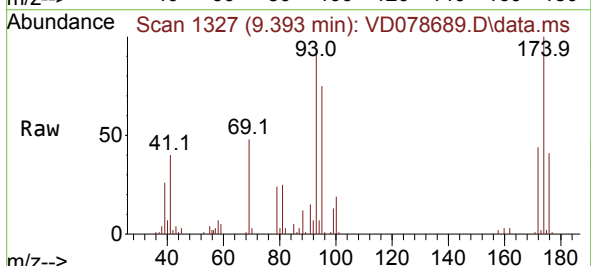
Tgt Ion: 93 Resp: 43342

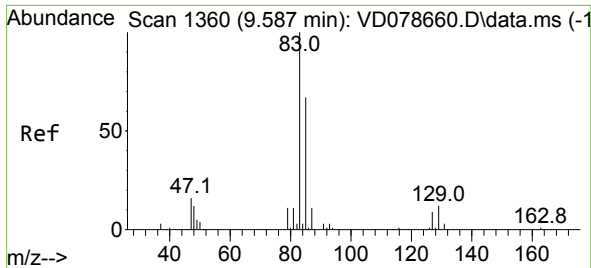
Ion Ratio Lower Upper

93 100

95 85.5 67.3 100.9

174 100.7 80.9 121.3

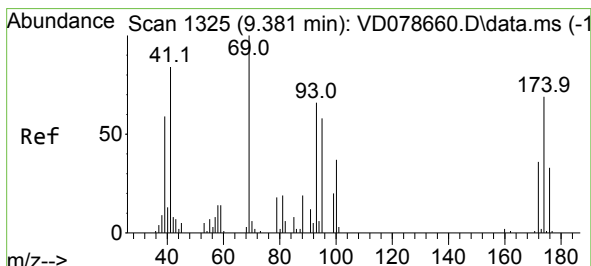
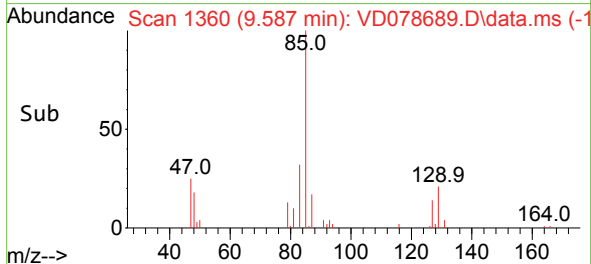
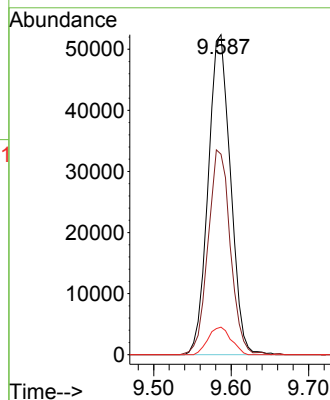
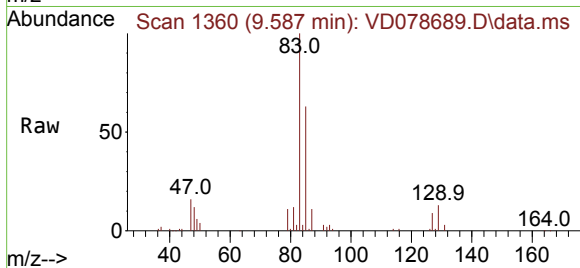




#47
Bromodichloromethane
Concen: 50.414 ug/l
RT: 9.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078689.D
Acq: 18 Mar 2024 11:26

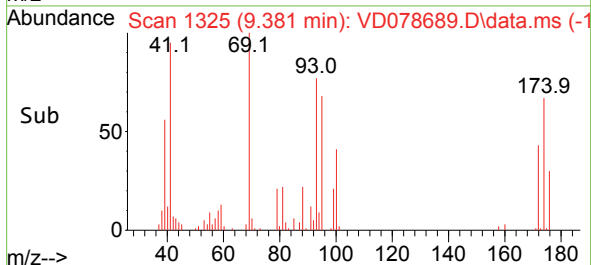
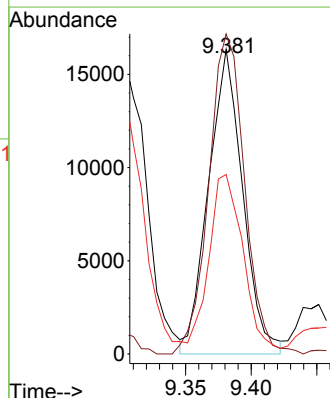
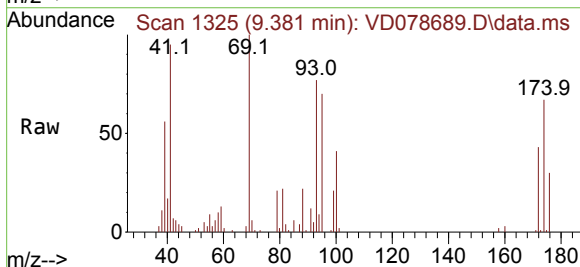
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

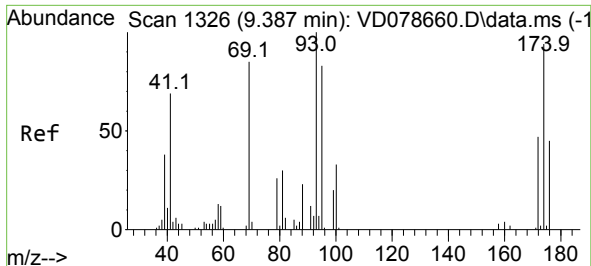
Tgt Ion: 83 Resp: 104709
Ion Ratio Lower Upper
83 100
85 62.7 54.0 81.0
127 8.6 7.1 10.7



#48
Methyl methacrylate
Concen: 50.371 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD078689.D
Acq: 18 Mar 2024 11:26

Tgt Ion: 41 Resp: 29596
Ion Ratio Lower Upper
41 100
69 110.0 88.3 132.5
39 55.5 46.6 69.8

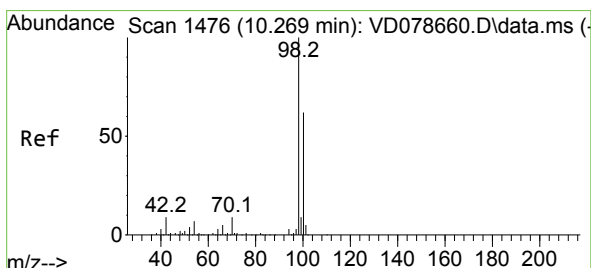
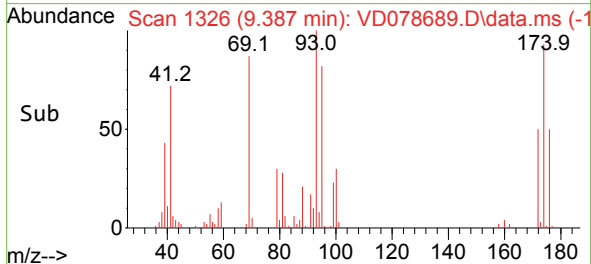
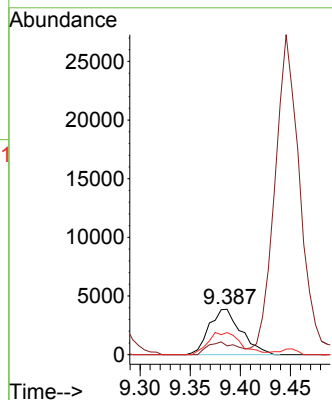
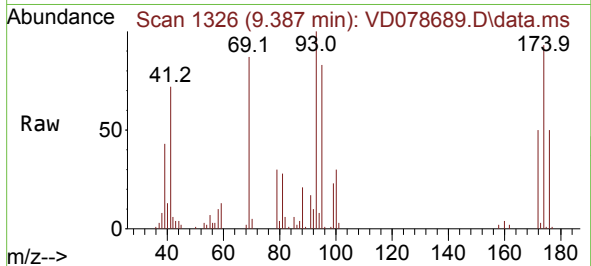




#49
1,4-Dioxane
Concen: 1065.473 ug/l
RT: 9.387 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078689.D
Acq: 18 Mar 2024 11:26

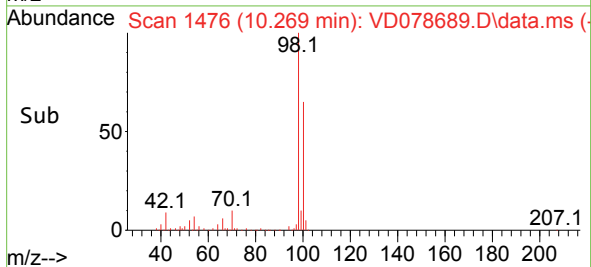
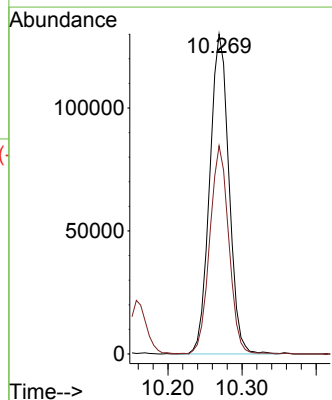
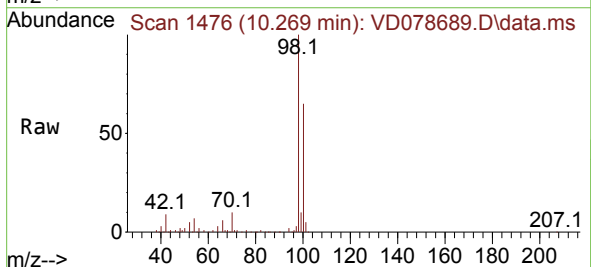
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

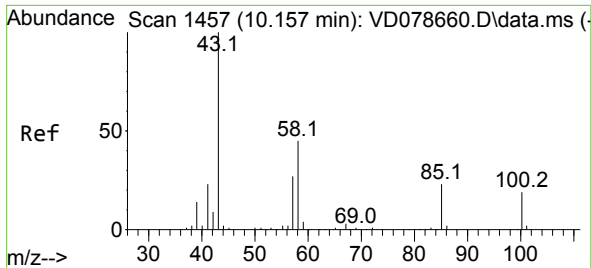
Tgt Ion: 88 Resp: 8607
Ion Ratio Lower Upper
88 100
43 25.0 23.2 34.8
58 50.3 51.0 76.6#



#50
Toluene-d8
Concen: 45.576 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD078689.D
Acq: 18 Mar 2024 11:26

Tgt Ion: 98 Resp: 234471
Ion Ratio Lower Upper
98 100
100 64.5 50.5 75.7

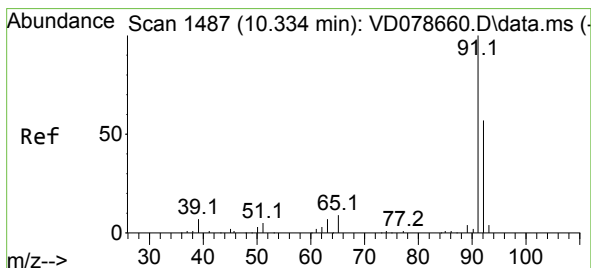
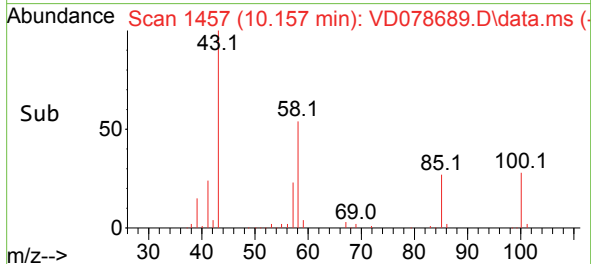
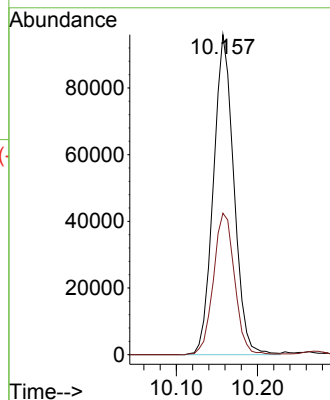
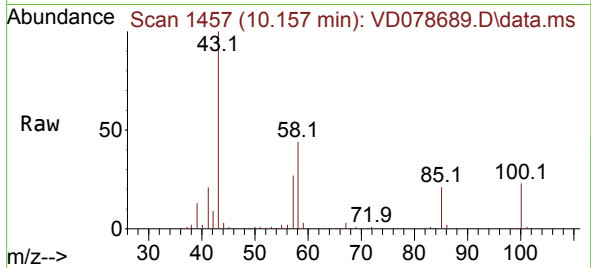




#51
4-Methyl-2-Pentanone
Concen: 266.748 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD078689.D
Acq: 18 Mar 2024 11:26

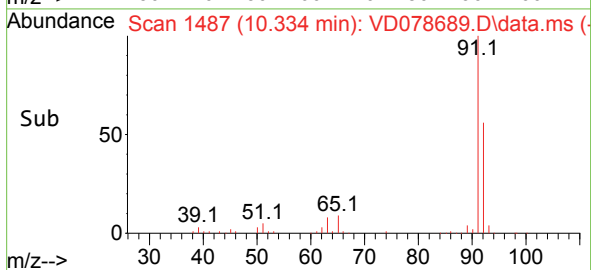
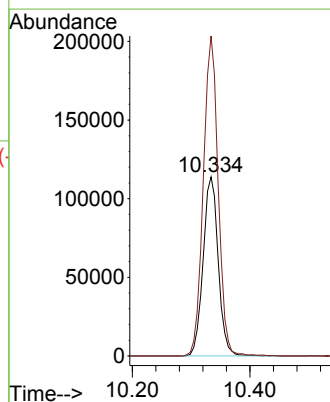
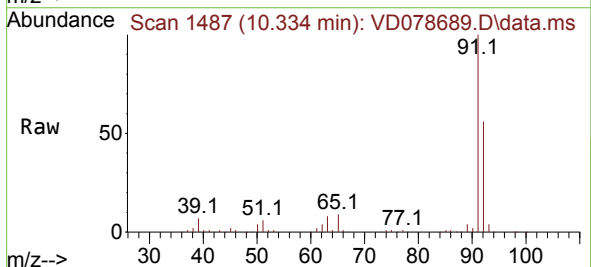
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

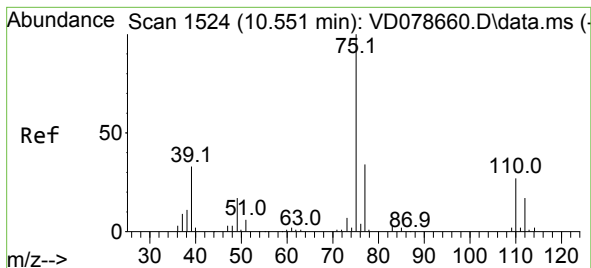
Tgt Ion: 43 Resp: 168161
Ion Ratio Lower Upper
43 100
58 45.7 36.4 54.6



#52
Toluene
Concen: 51.280 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD078689.D
Acq: 18 Mar 2024 11:26

Tgt Ion: 92 Resp: 202558
Ion Ratio Lower Upper
92 100
91 176.5 136.6 205.0

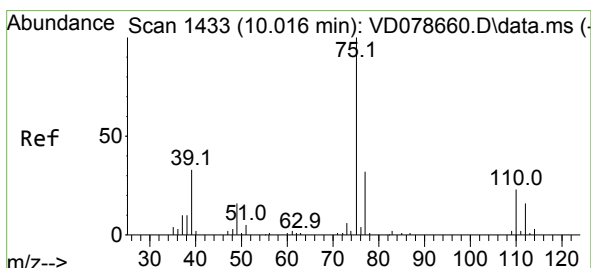
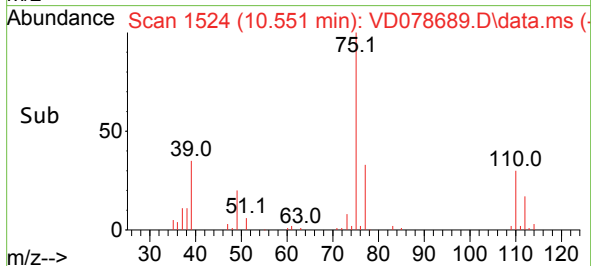
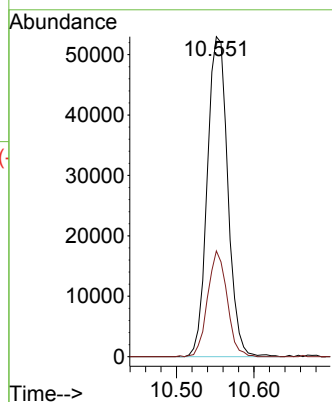
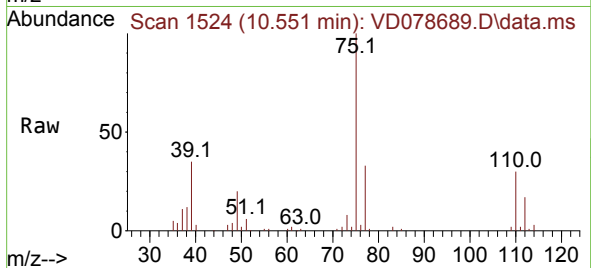




#53
t-1,3-Dichloropropene
Concen: 51.236 ug/l
RT: 10.551 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078689.D
Acq: 18 Mar 2024 11:26

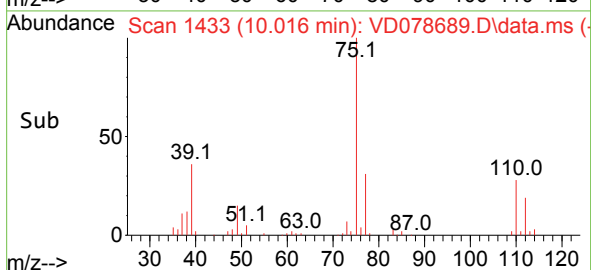
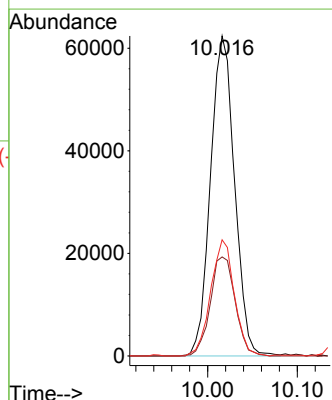
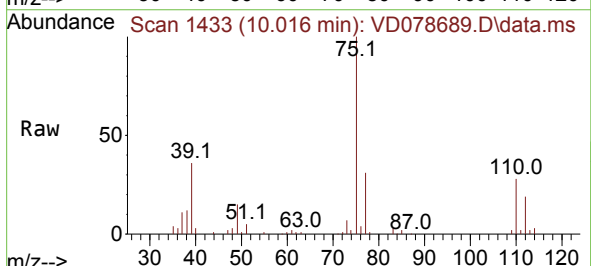
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

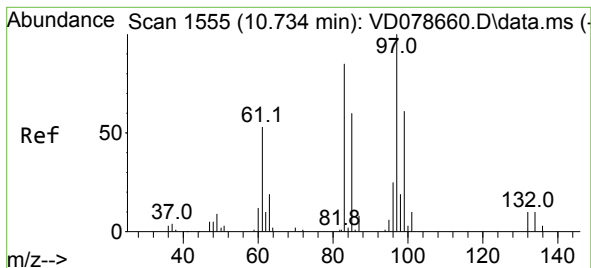
Tgt Ion: 75 Resp: 97298
Ion Ratio Lower Upper
75 100
77 33.0 27.1 40.7



#54
cis-1,3-Dichloropropene
Concen: 50.863 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD078689.D
Acq: 18 Mar 2024 11:26

Tgt Ion: 75 Resp: 116115
Ion Ratio Lower Upper
75 100
77 31.0 25.4 38.0
39 36.3 26.7 40.1





#55

1,1,2-Trichloroethane

Concen: 50.435 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VD078689.D

Acq: 18 Mar 2024 11:26

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 58925

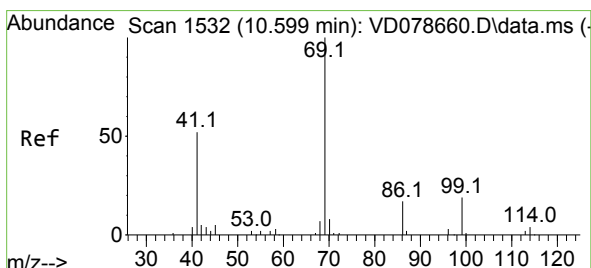
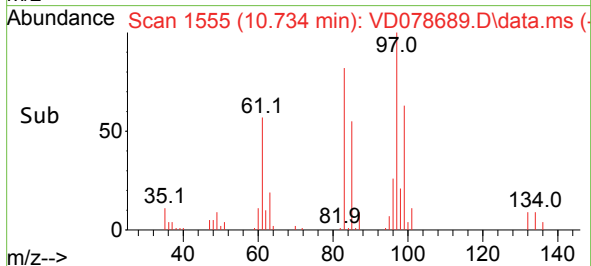
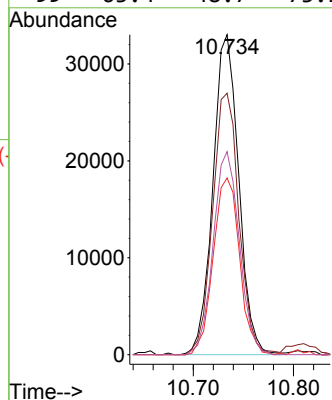
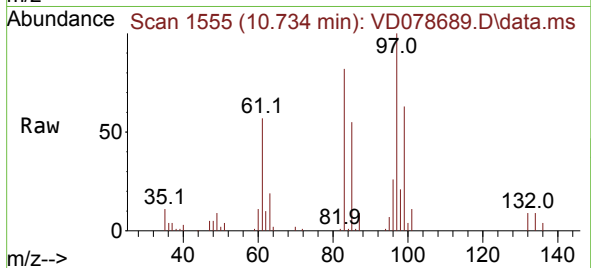
Ion Ratio Lower Upper

97 100

83 81.7 68.1 102.1

85 55.2 48.2 72.2

99 63.4 48.7 73.1



#56

Ethyl methacrylate

Concen: 52.842 ug/l

RT: 10.598 min Scan# 1532

Delta R.T. -0.000 min

Lab File: VD078689.D

Acq: 18 Mar 2024 11:26

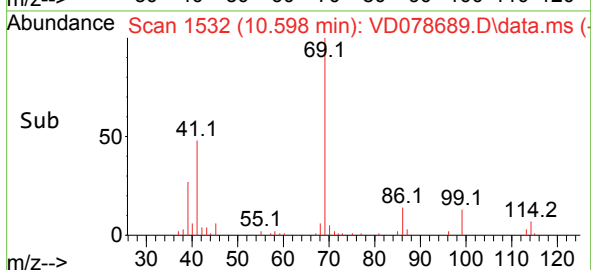
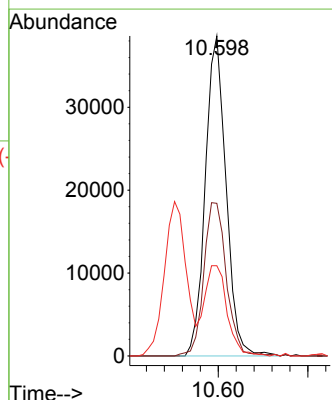
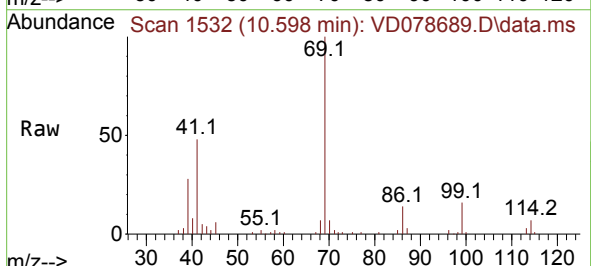
Tgt Ion: 69 Resp: 61891

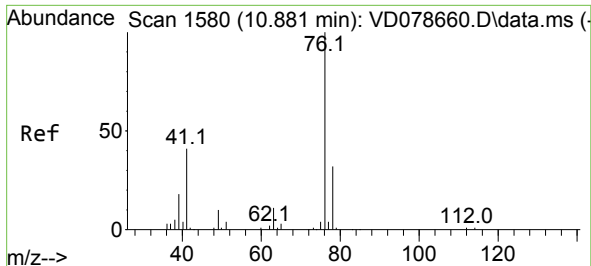
Ion Ratio Lower Upper

69 100

41 52.5 40.9 61.3

39 31.1 25.5 38.3





#57

1,3-Dichloropropane

Concen: 50.937 ug/l

RT: 10.881 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD078689.D

Acq: 18 Mar 2024 11:26

Instrument :

MSVOA_D

ClientSampleId :

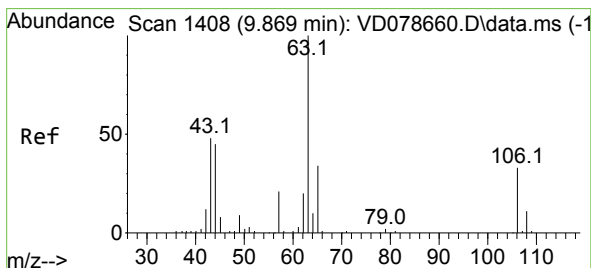
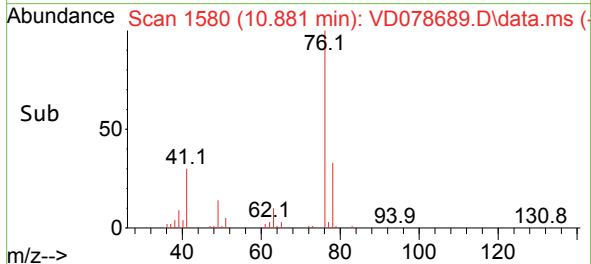
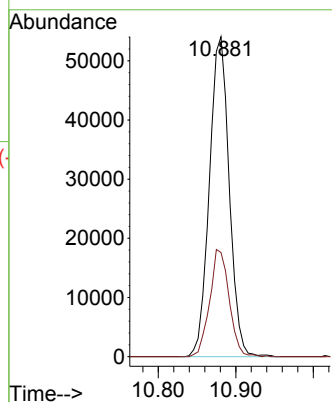
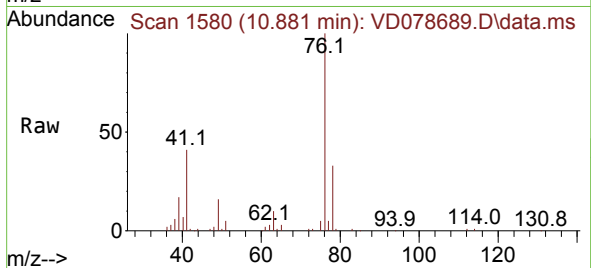
VSTDCCC050

Tgt Ion: 76 Resp: 96026

Ion Ratio Lower Upper

76 100

78 32.9 26.8 40.2



#58

2-Chloroethyl Vinyl ether

Concen: 244.809 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD078689.D

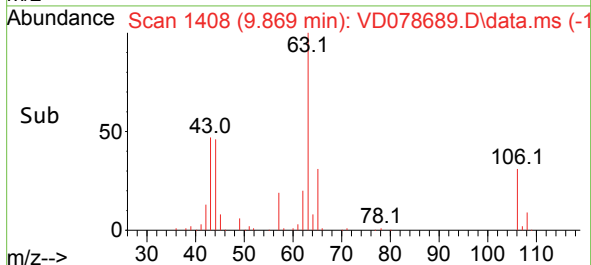
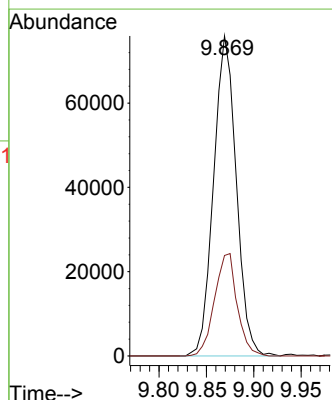
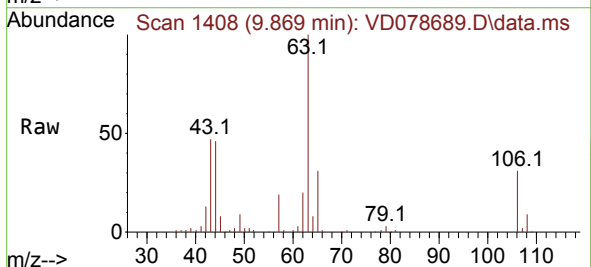
Acq: 18 Mar 2024 11:26

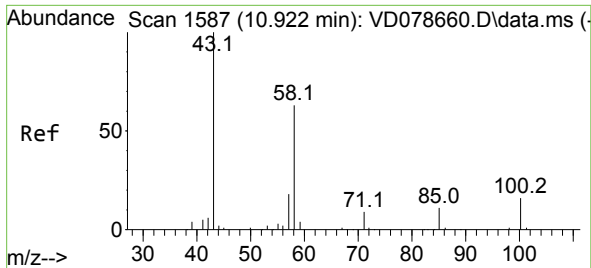
Tgt Ion: 63 Resp: 126430

Ion Ratio Lower Upper

63 100

106 31.9 25.2 37.8

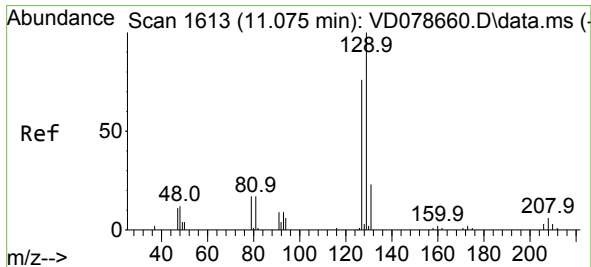
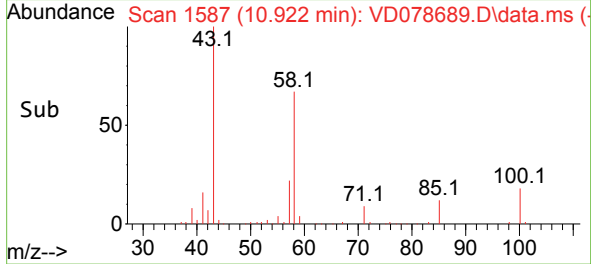
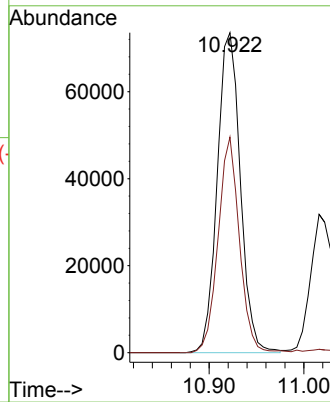
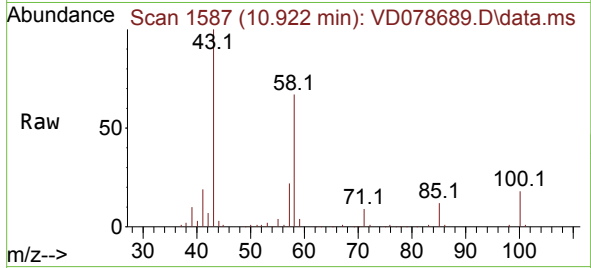




#59
2-Hexanone
Concen: 266.839 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD078689.D
Acq: 18 Mar 2024 11:26

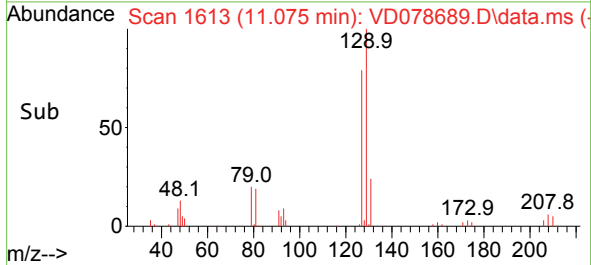
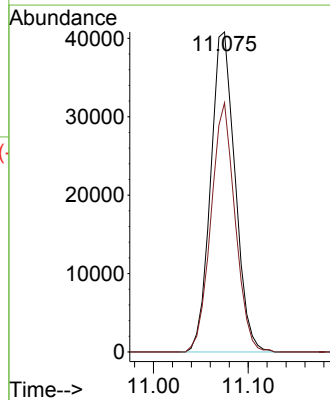
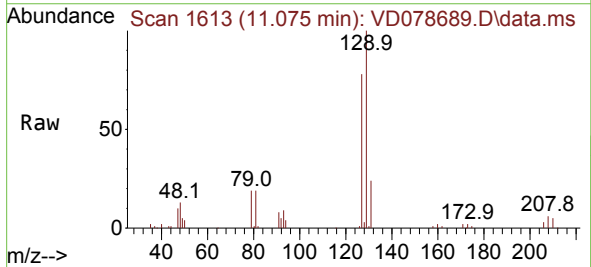
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

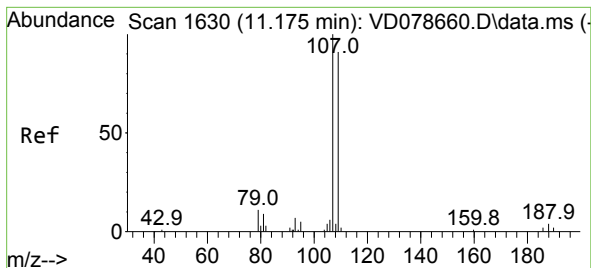
Tgt Ion: 43 Resp: 124702
Ion Ratio Lower Upper
43 100
58 62.3 31.5 94.5



#60
Dibromochloromethane
Concen: 50.721 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD078689.D
Acq: 18 Mar 2024 11:26

Tgt Ion: 129 Resp: 73080
Ion Ratio Lower Upper
129 100
127 76.9 38.8 116.3





#61

1,2-Dibromoethane

Concen: 50.484 ug/l

RT: 11.181 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD078689.D

Acq: 18 Mar 2024 11:26

Instrument :

MSVOA_D

ClientSampleId :

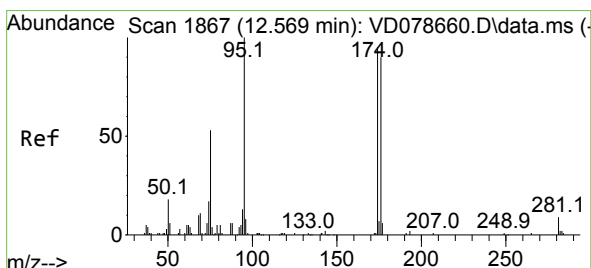
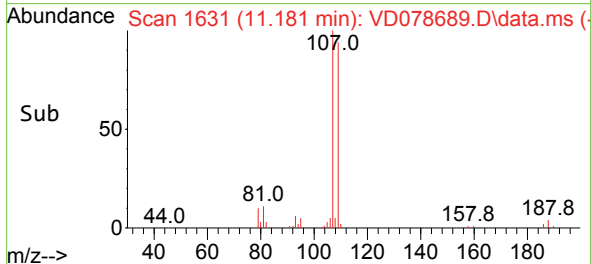
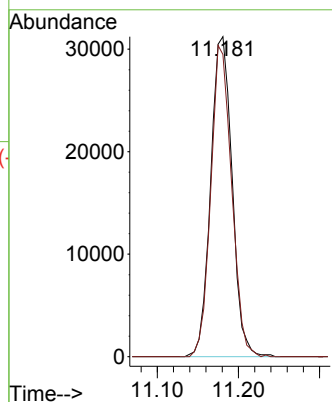
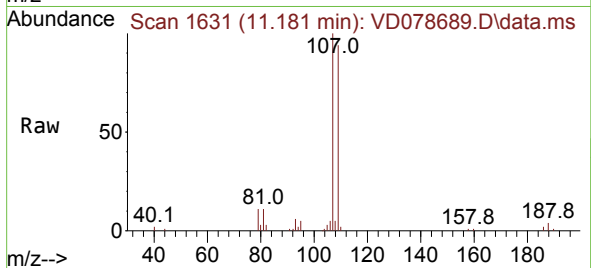
VSTDCCC050

Tgt Ion:107 Resp: 57081

Ion Ratio Lower Upper

107 100

109 94.6 74.8 112.2



#62

4-Bromofluorobenzene

Concen: 46.003 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. 0.006 min

Lab File: VD078689.D

Acq: 18 Mar 2024 11:26

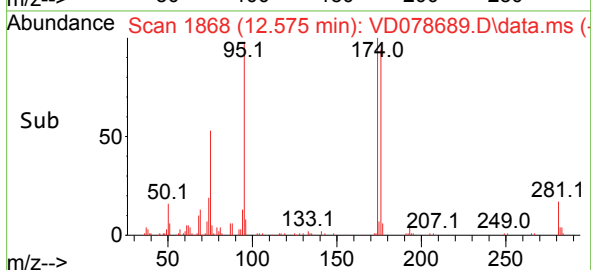
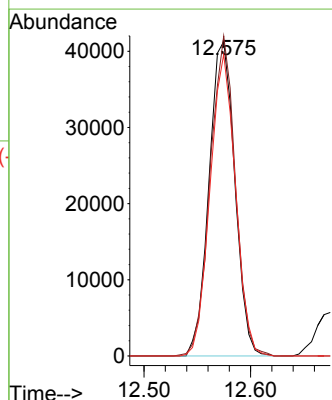
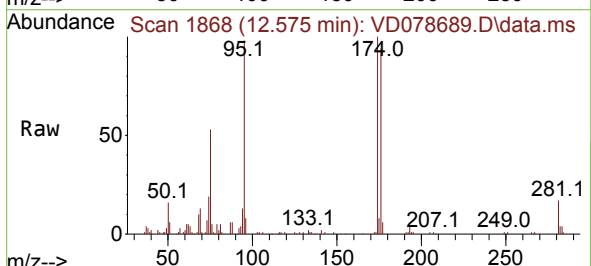
Tgt Ion: 95 Resp: 69239

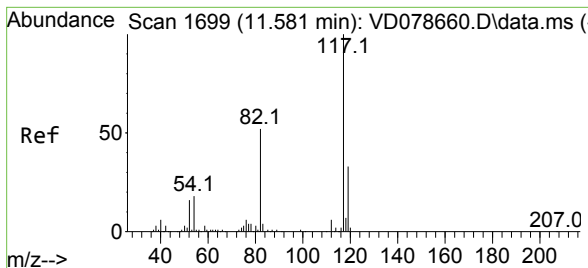
Ion Ratio Lower Upper

95 100

174 99.6 0.0 195.2

176 94.4 0.0 188.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD078689.D

Acq: 18 Mar 2024 11:26

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

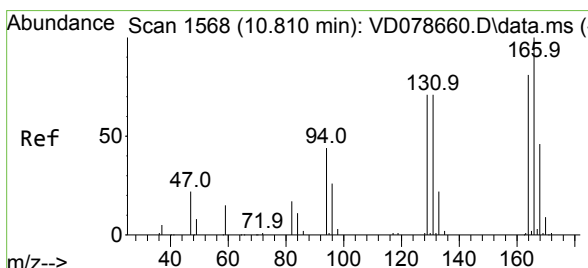
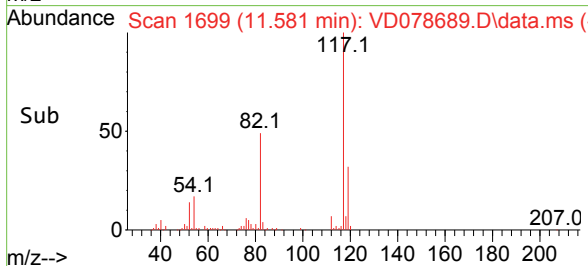
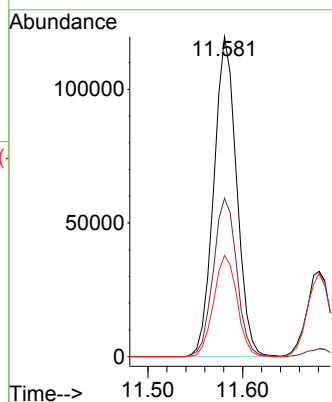
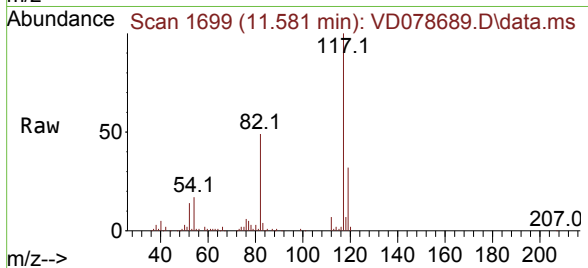
Tgt Ion:117 Resp: 200144

Ion Ratio Lower Upper

117 100

82 49.5 41.4 62.2

119 31.6 26.5 39.7



#64

Tetrachloroethene

Concen: 53.154 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. -0.000 min

Lab File: VD078689.D

Acq: 18 Mar 2024 11:26

Tgt Ion:164 Resp: 70401

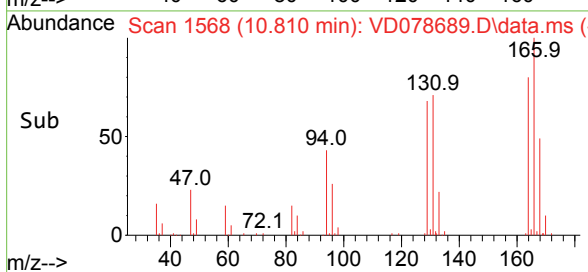
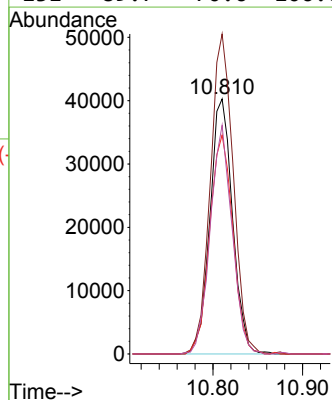
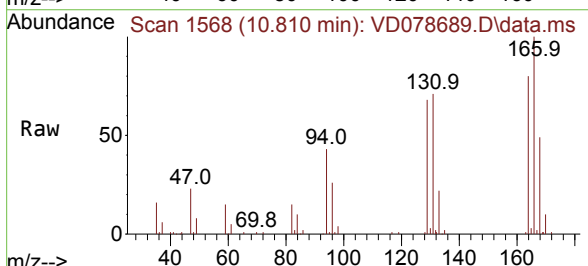
Ion Ratio Lower Upper

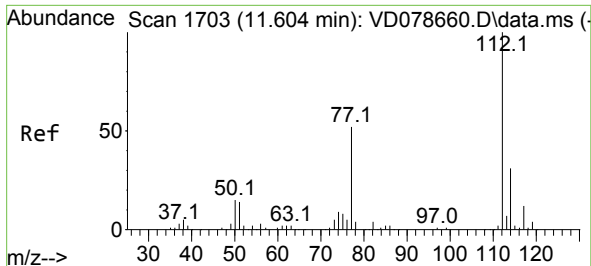
164 100

166 125.5 98.9 148.3

129 85.8 70.3 105.5

131 89.7 70.6 106.0

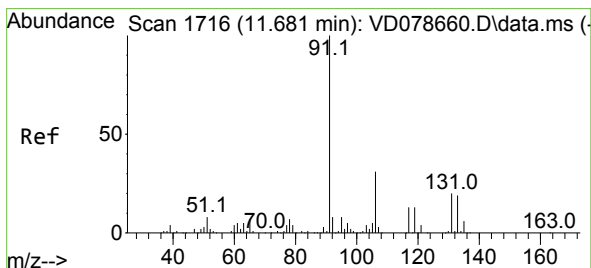
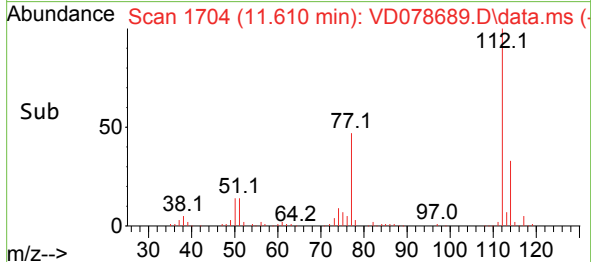
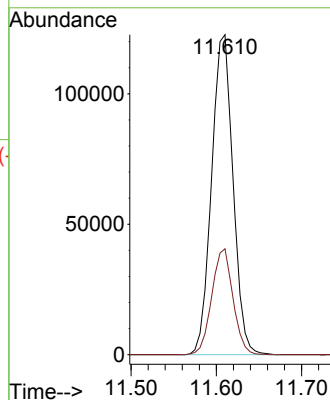
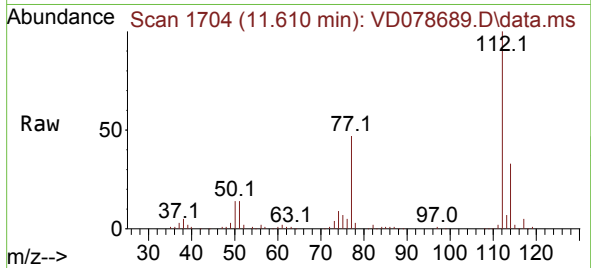




#65
Chlorobenzene
Concen: 51.211 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VD078689.D
Acq: 18 Mar 2024 11:26

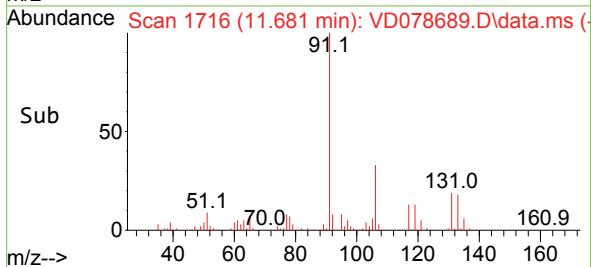
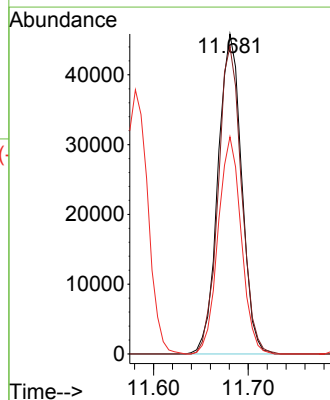
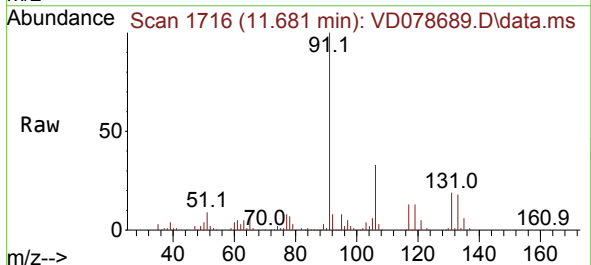
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

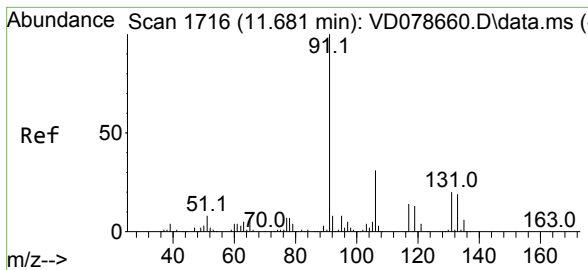
Tgt Ion:112 Resp: 214182
Ion Ratio Lower Upper
112 100
114 33.1 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 51.967 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD078689.D
Acq: 18 Mar 2024 11:26

Tgt Ion:131 Resp: 79598
Ion Ratio Lower Upper
131 100
133 95.3 47.6 142.9
119 66.2 34.1 102.3

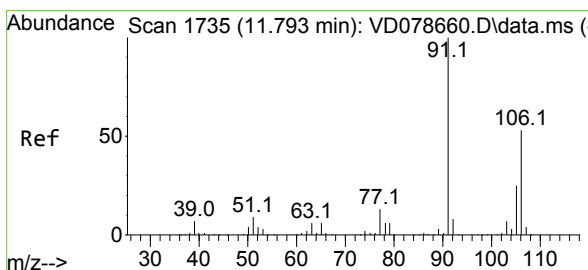
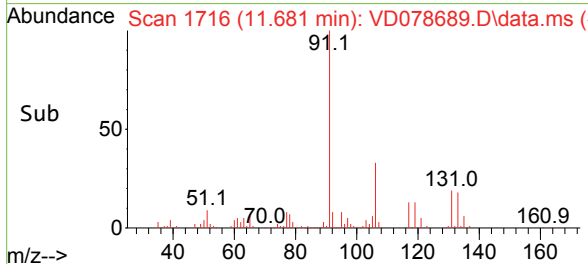
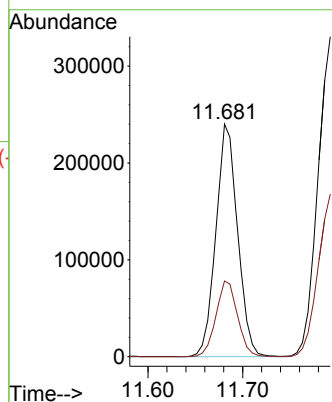
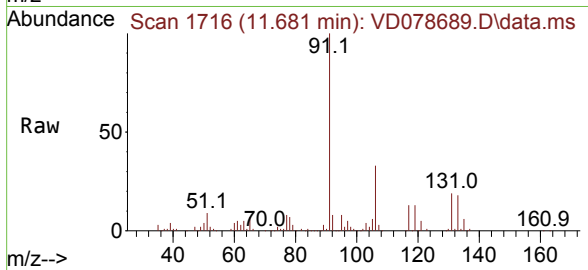




#67
Ethyl Benzene
Concen: 53.745 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD078689.D
Acq: 18 Mar 2024 11:26

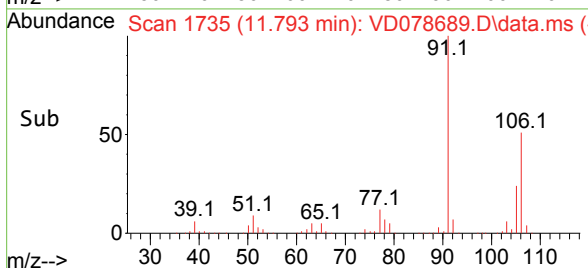
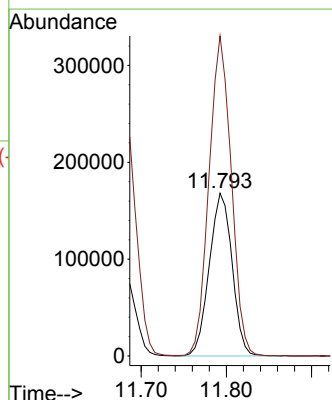
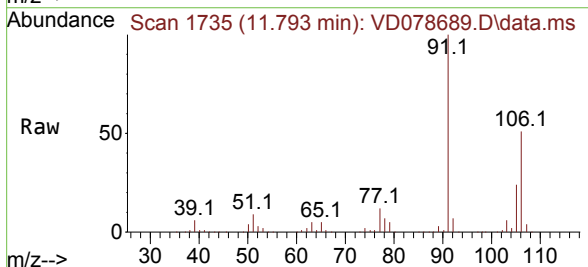
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

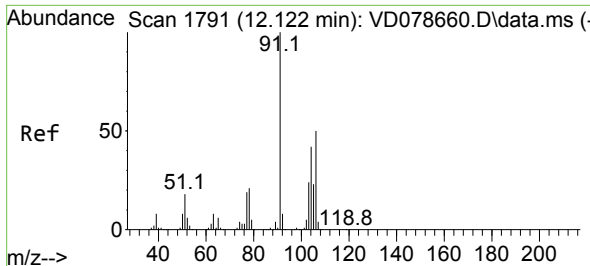
Tgt Ion: 91 Resp: 383047
Ion Ratio Lower Upper
91 100
106 32.5 24.5 36.7



#68
m/p-Xylenes
Concen: 107.910 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD078689.D
Acq: 18 Mar 2024 11:26

Tgt Ion:106 Resp: 312299
Ion Ratio Lower Upper
106 100
91 192.3 154.4 231.6

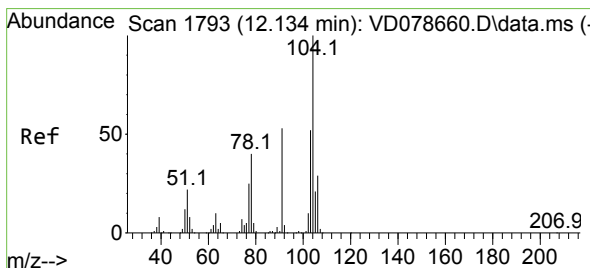
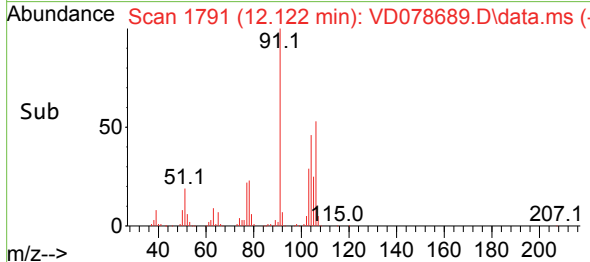
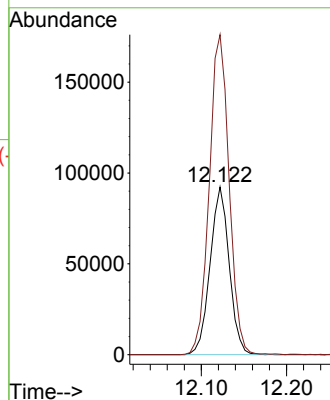
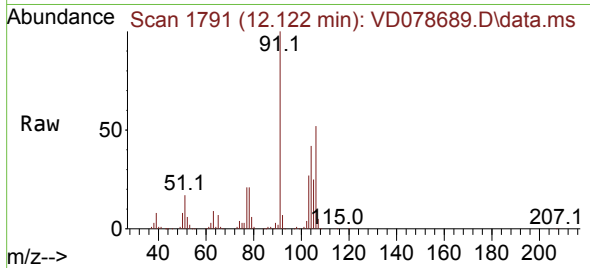




#69
o-Xylene
Concen: 53.836 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD078689.D
Acq: 18 Mar 2024 11:26

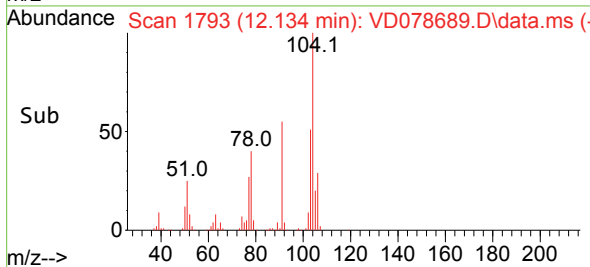
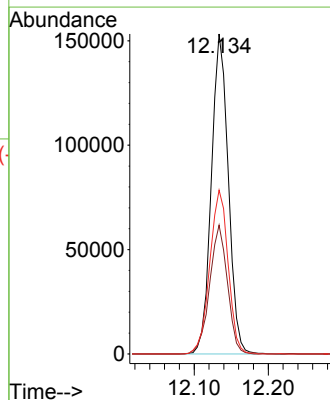
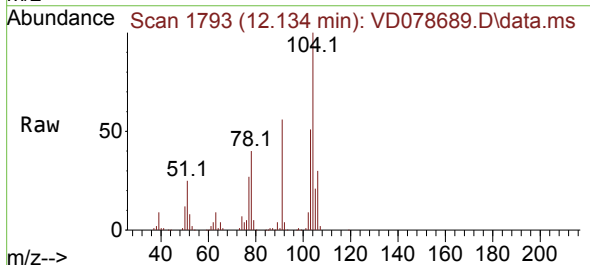
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

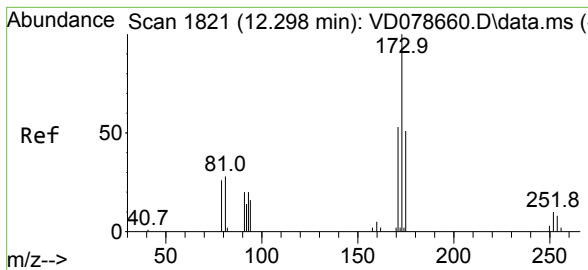
Tgt Ion:106 Resp: 144157
Ion Ratio Lower Upper
106 100
91 198.0 99.6 298.7



#70
Styrene
Concen: 54.208 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD078689.D
Acq: 18 Mar 2024 11:26

Tgt Ion:104 Resp: 243632
Ion Ratio Lower Upper
104 100
78 42.3 34.6 52.0
103 55.6 44.2 66.2

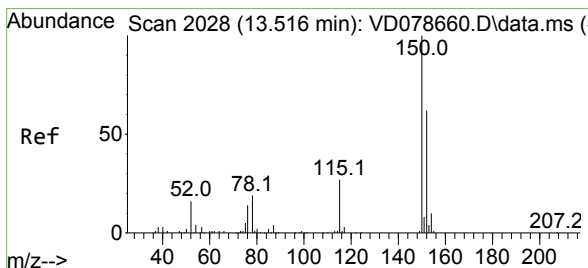
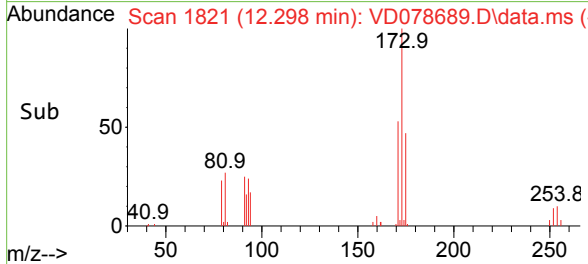
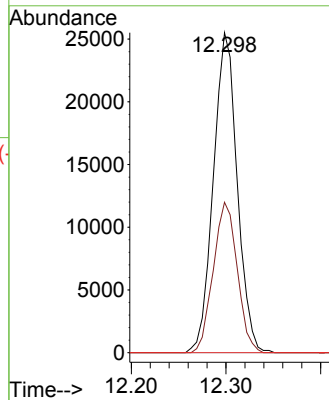
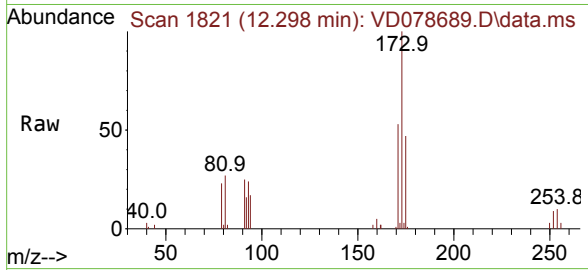




#71
Bromoform
Concen: 53.880 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD078689.D
Acq: 18 Mar 2024 11:26

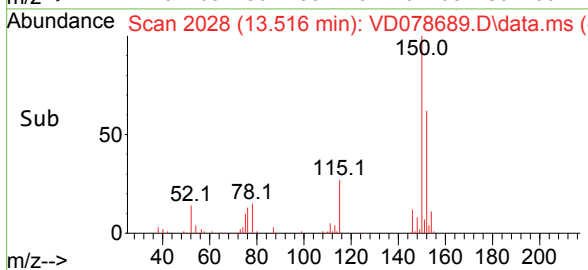
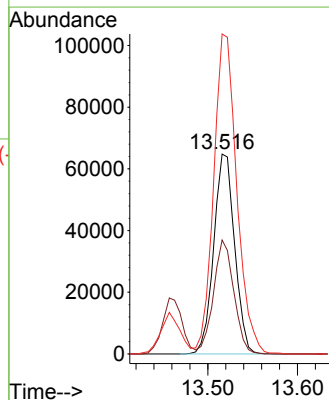
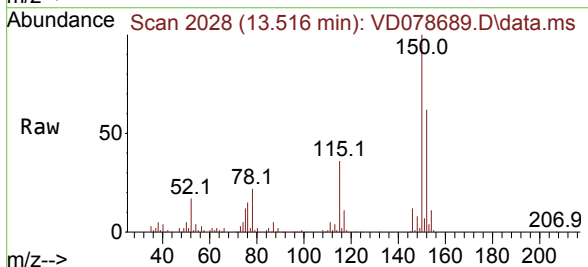
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

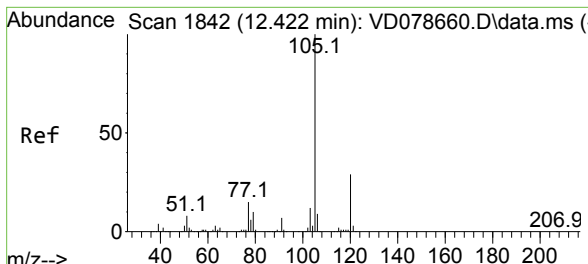
Tgt Ion:	173	Resp:	44600
Ion Ratio	Lower	Upper	
173	100		
175	47.2	25.8	77.4
254	0.0	0.0	0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD078689.D
Acq: 18 Mar 2024 11:26

Tgt Ion:	152	Resp:	104878
Ion Ratio	Lower	Upper	
152	100		
115	55.4	27.1	81.2
150	177.3	0.0	350.2

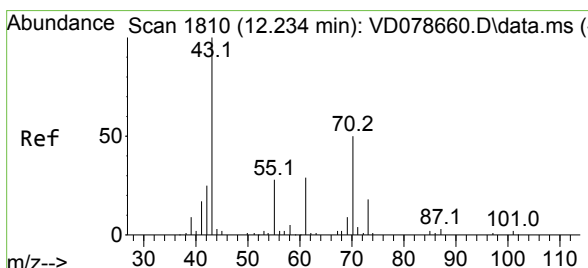
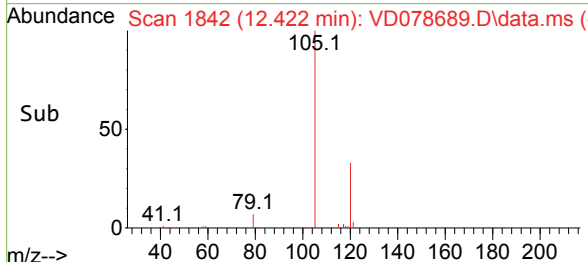
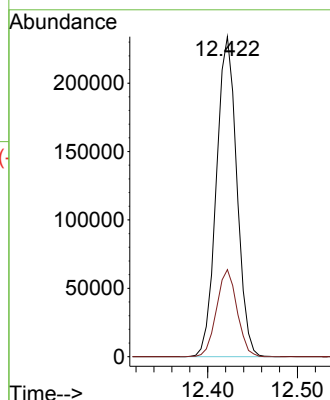
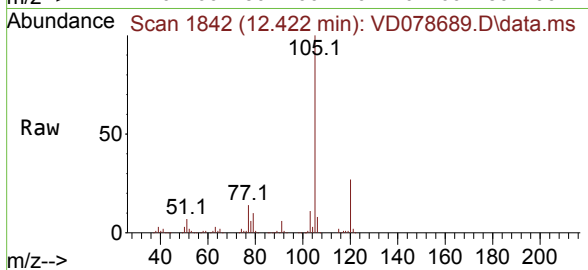




#73
Isopropylbenzene
Concen: 53.541 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD078689.D
Acq: 18 Mar 2024 11:26

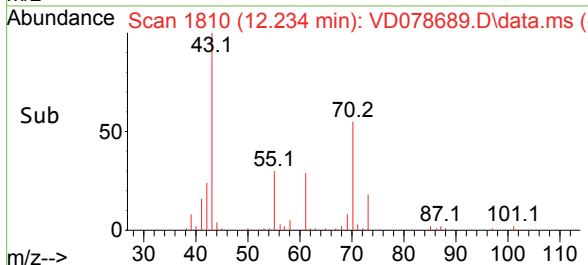
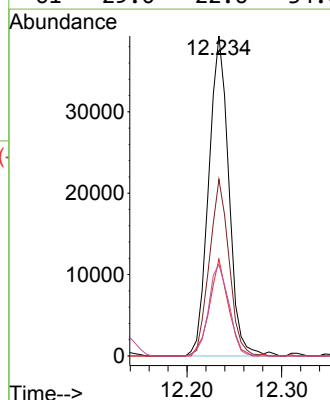
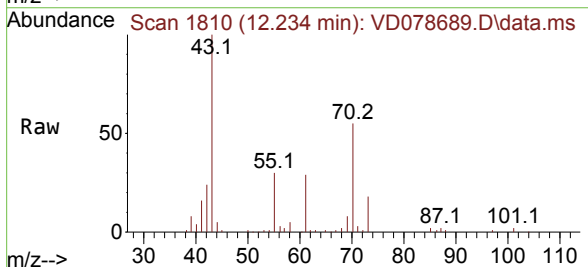
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

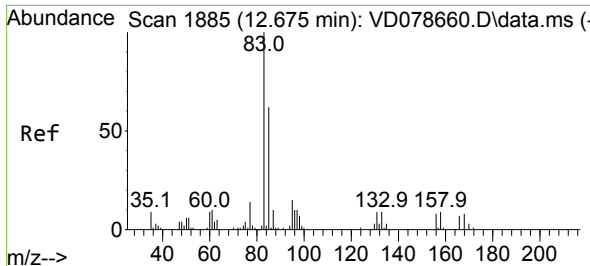
Tgt Ion:105 Resp: 369710
Ion Ratio Lower Upper
105 100
120 27.3 13.7 41.0



#74
N-ethyl acetate
Concen: 51.618 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD078689.D
Acq: 18 Mar 2024 11:26

Tgt Ion: 43 Resp: 57870
Ion Ratio Lower Upper
43 100
70 54.0 42.1 63.1
55 28.3 22.6 33.8
61 29.0 22.6 34.0

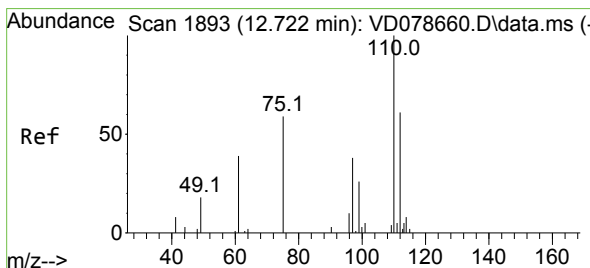
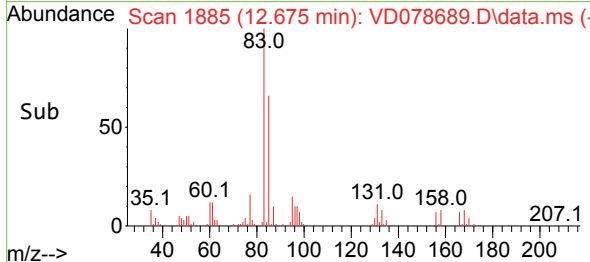
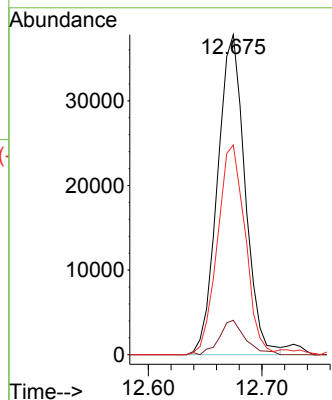
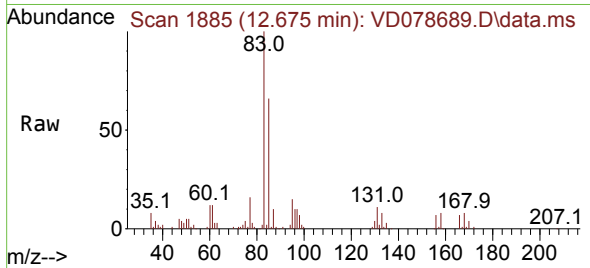




#75
1,1,2,2-Tetrachloroethane
Concen: 49.828 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD078689.D
Acq: 18 Mar 2024 11:26

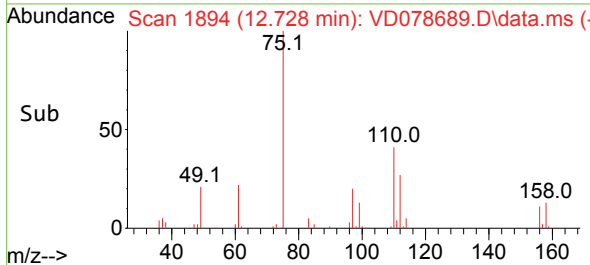
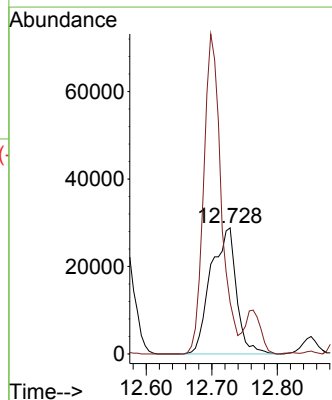
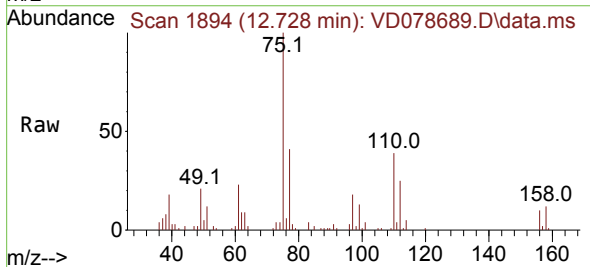
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

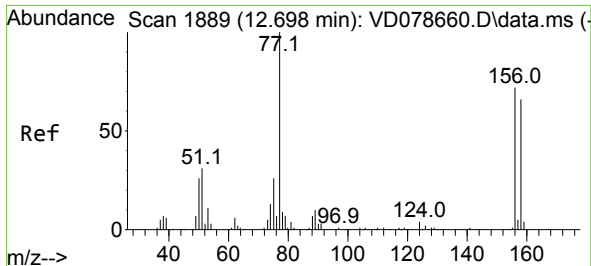
Tgt Ion: 83 Resp: 63694
Ion Ratio Lower Upper
83 100
131 10.2 4.9 14.7
85 66.4 32.2 96.6



#76
1,2,3-Trichloropropane
Concen: 96.639 ug/l
RT: 12.728 min Scan# 1894
Delta R.T. 0.006 min
Lab File: VD078689.D
Acq: 18 Mar 2024 11:26

Tgt Ion: 75 Resp: 78086
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

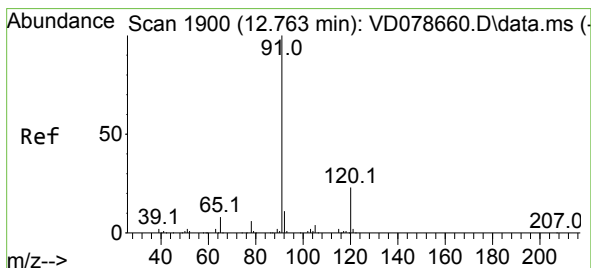
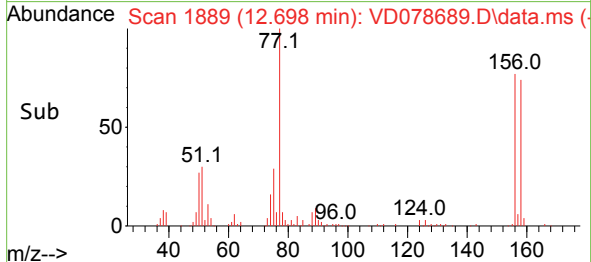
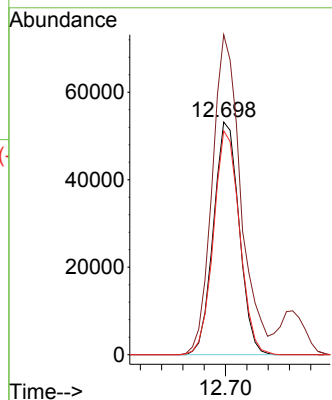
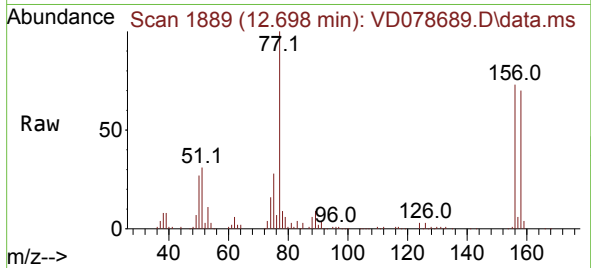




#77
Bromobenzene
Concen: 51.950 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VD078689.D
Acq: 18 Mar 2024 11:26

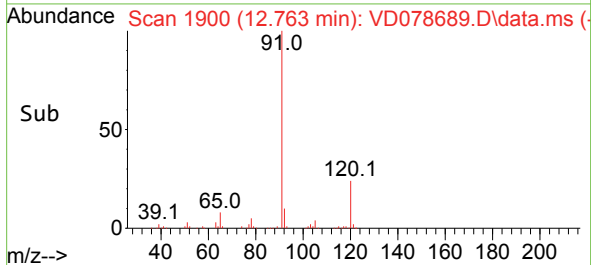
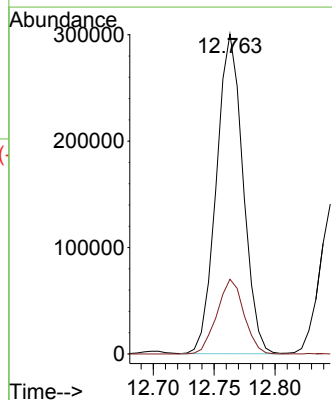
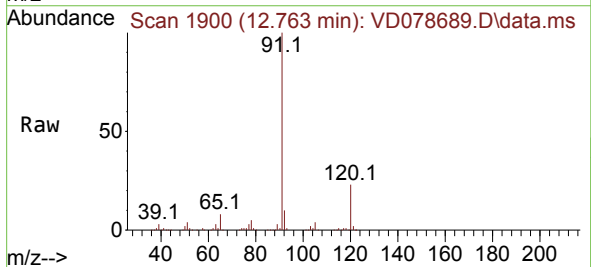
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

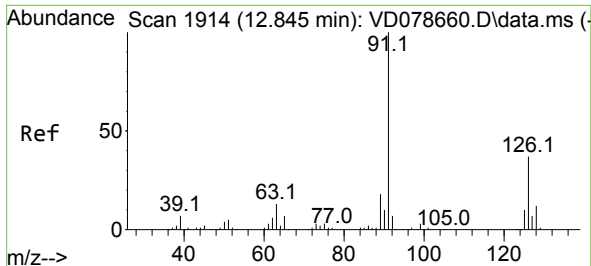
Tgt Ion:	156	Resp:	88962
Ion Ratio	Lower	Upper	
156	100		
77	152.7	79.1	237.3
158	97.7	47.0	141.0



#78
n-propylbenzene
Concen: 54.329 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD078689.D
Acq: 18 Mar 2024 11:26

Tgt Ion:	91	Resp:	456648
Ion Ratio	Lower	Upper	
91	100		
120	23.6	11.7	35.1

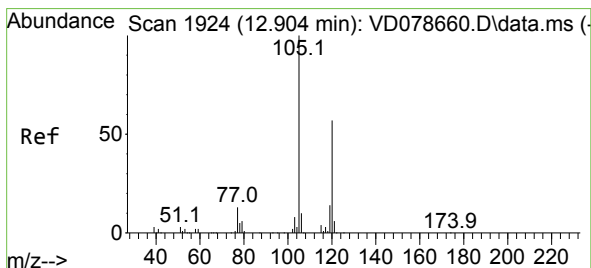
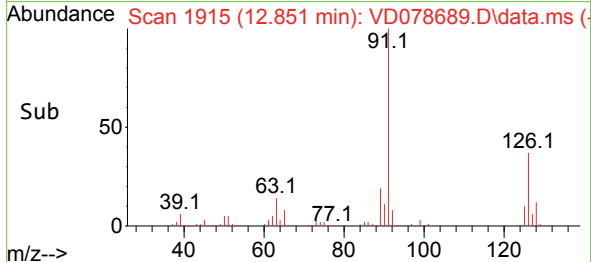
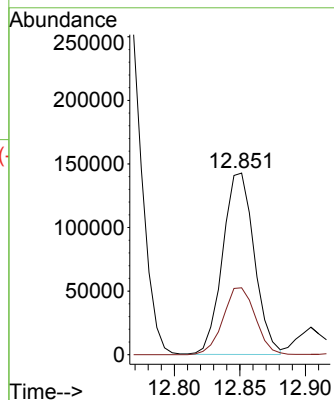
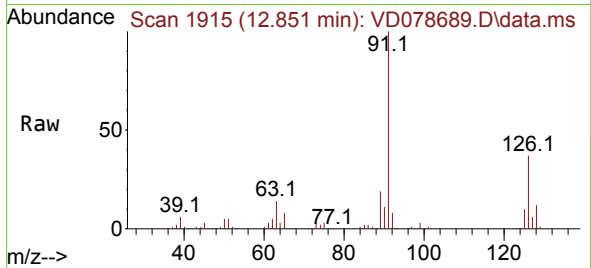




#79
2-Chlorotoluene
Concen: 52.006 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VD078689.D
Acq: 18 Mar 2024 11:26

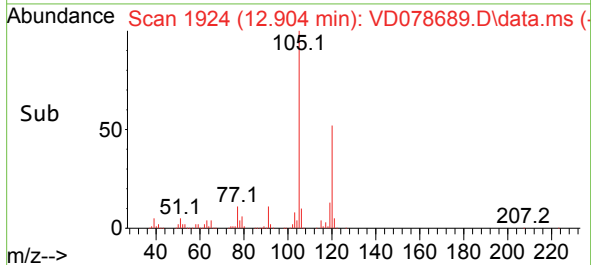
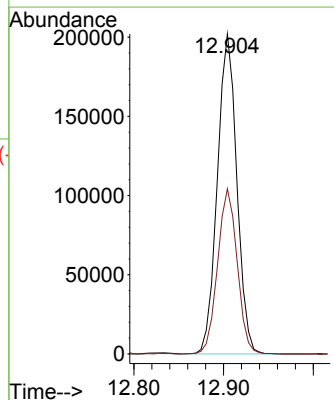
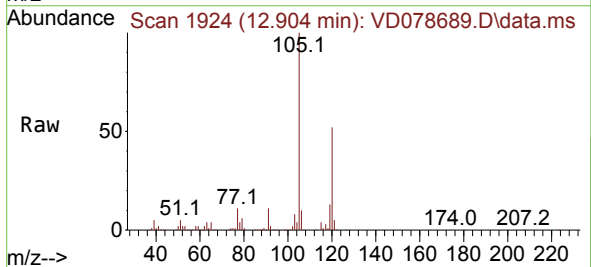
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

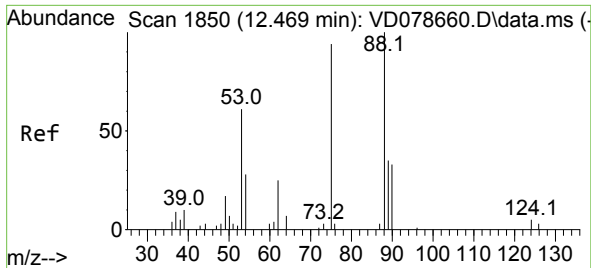
Tgt Ion: 91 Resp: 239802
Ion Ratio Lower Upper
91 100
126 37.6 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 53.298 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD078689.D
Acq: 18 Mar 2024 11:26

Tgt Ion: 105 Resp: 304344
Ion Ratio Lower Upper
105 100
120 51.9 25.9 77.7

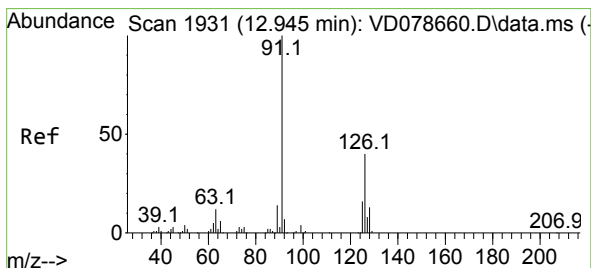
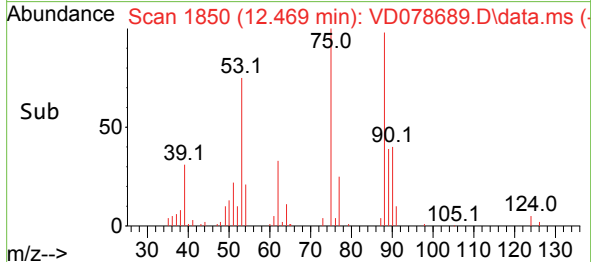
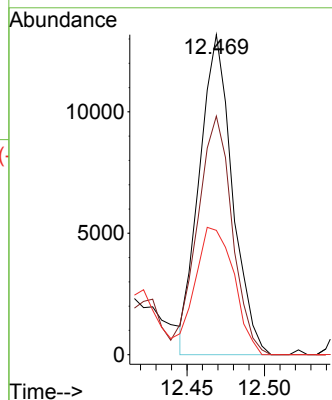
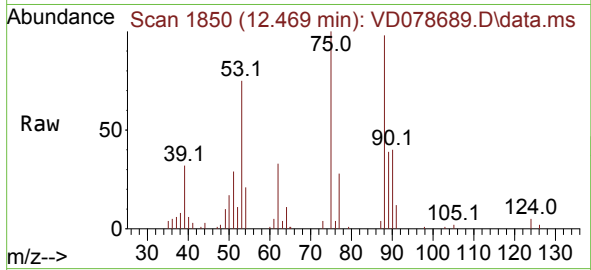




#81
trans-1,4-Dichloro-2-butene
Concen: 50.473 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD078689.D
Acq: 18 Mar 2024 11:26

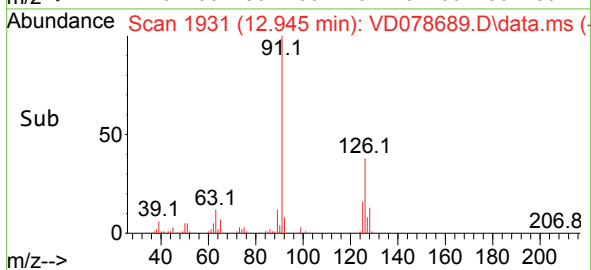
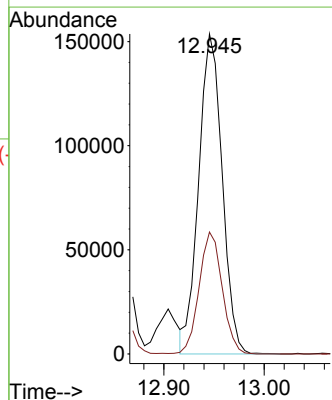
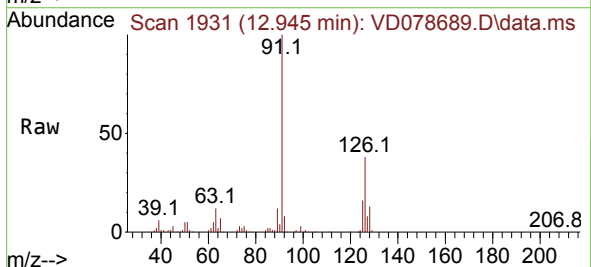
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

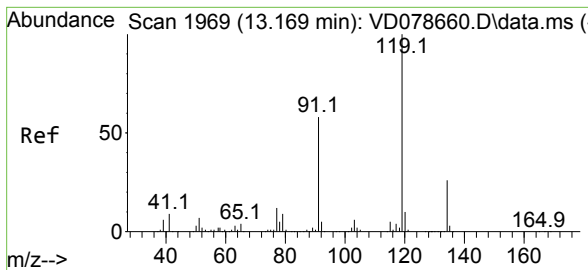
Tgt Ion: 75 Resp: 19456
Ion Ratio Lower Upper
75 100
53 79.1 61.0 91.6
89 47.6 35.4 53.0



#82
4-Chlorotoluene
Concen: 51.391 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD078689.D
Acq: 18 Mar 2024 11:26

Tgt Ion: 91 Resp: 250637
Ion Ratio Lower Upper
91 100
126 37.4 18.9 56.5

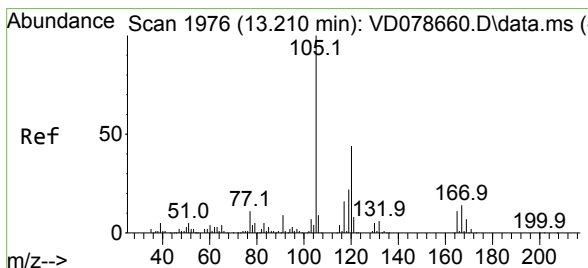
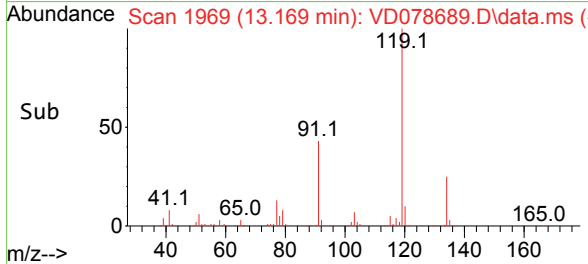
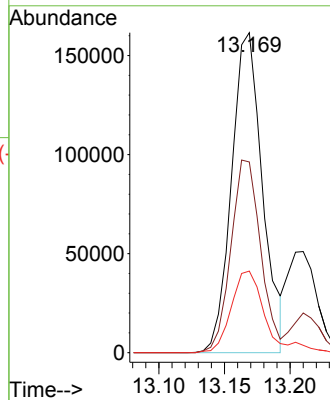
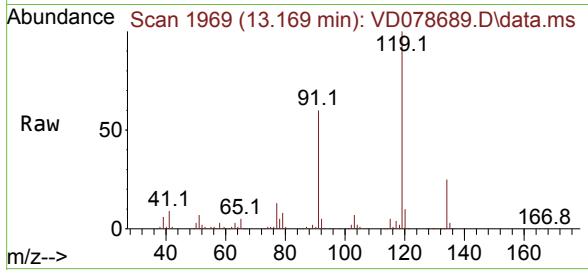




#83
tert-Butylbenzene
Concen: 53.943 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD078689.D
Acq: 18 Mar 2024 11:26

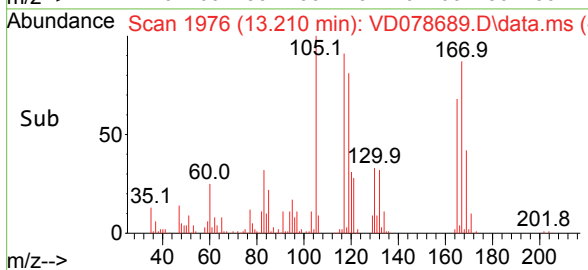
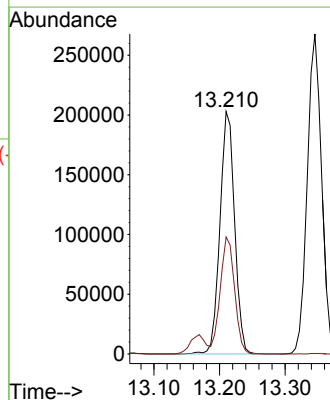
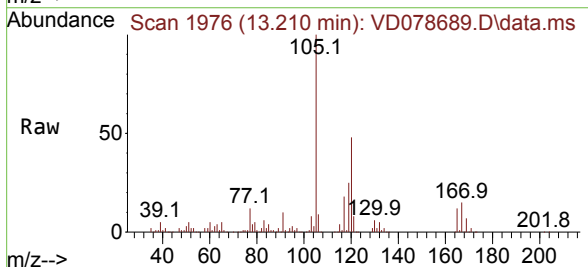
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

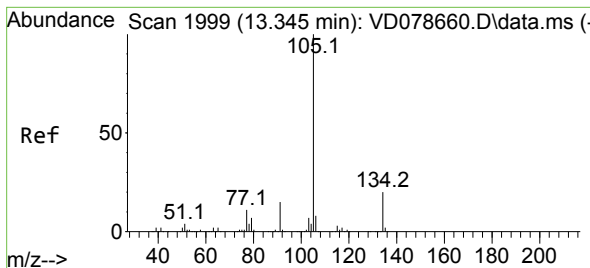
Tgt Ion:119 Resp: 265600
Ion Ratio Lower Upper
119 100
91 57.9 28.9 86.7
134 28.0 13.6 40.8



#84
1,2,4-Trimethylbenzene
Concen: 54.432 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD078689.D
Acq: 18 Mar 2024 11:26

Tgt Ion:105 Resp: 313231
Ion Ratio Lower Upper
105 100
120 47.0 23.1 69.2





#85

sec-Butylbenzene

Concen: 54.589 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VD078689.D

Acq: 18 Mar 2024 11:26

Instrument :

MSVOA_D

ClientSampleId :

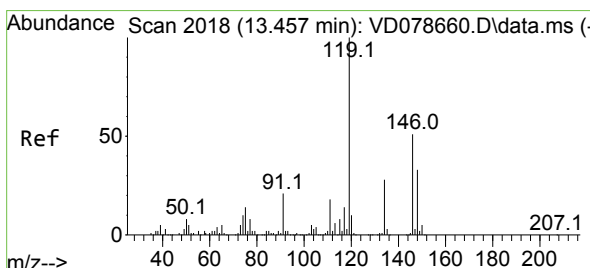
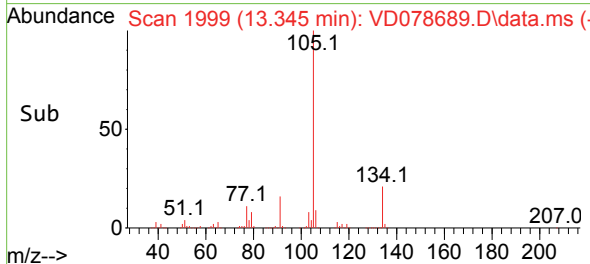
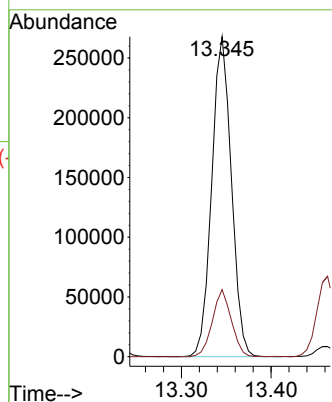
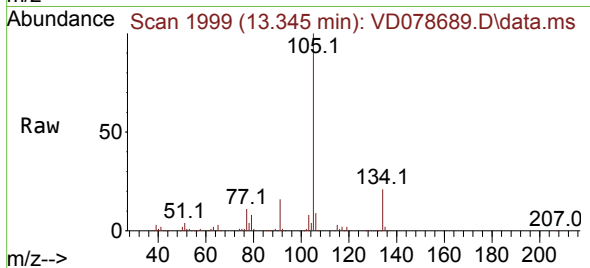
VSTDCCC050

Tgt Ion:105 Resp: 406751

Ion Ratio Lower Upper

105 100

134 20.2 10.4 31.2



#86

p-Isopropyltoluene

Concen: 55.109 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.006 min

Lab File: VD078689.D

Acq: 18 Mar 2024 11:26

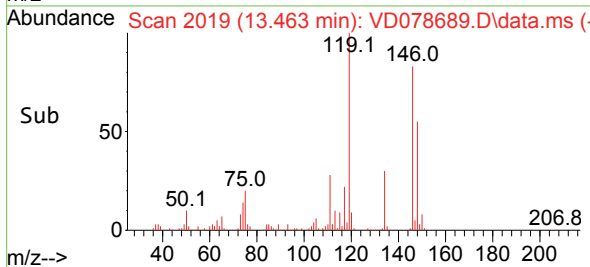
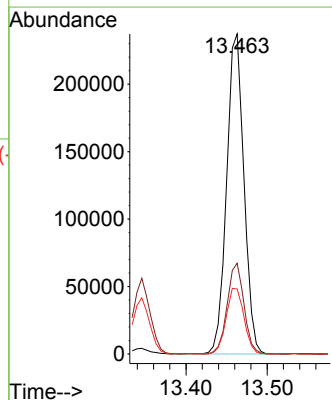
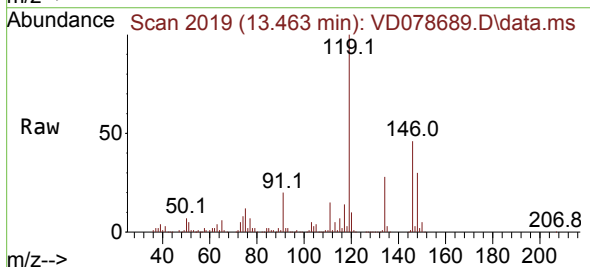
Tgt Ion:119 Resp: 351525

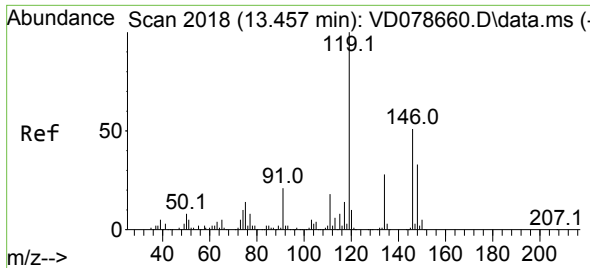
Ion Ratio Lower Upper

119 100

134 27.4 13.5 40.5

91 21.2 10.4 31.2

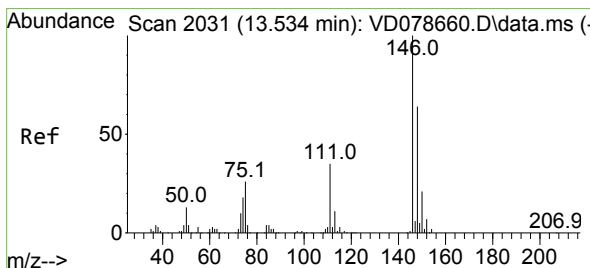
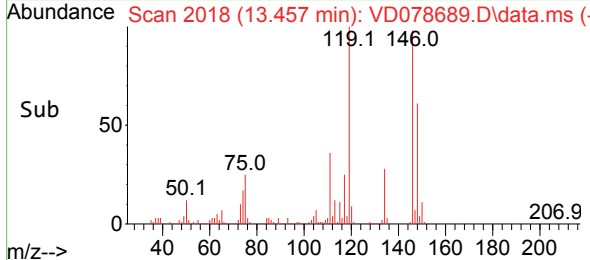
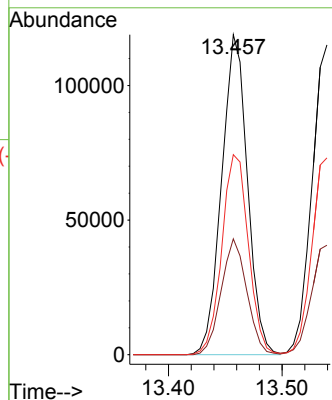
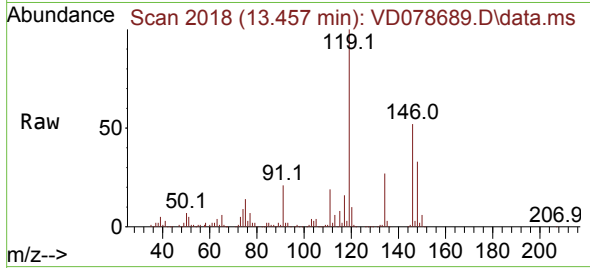




#87
1,3-Dichlorobenzene
Concen: 51.937 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD078689.D
Acq: 18 Mar 2024 11:26

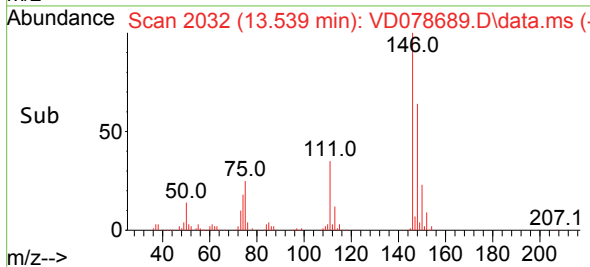
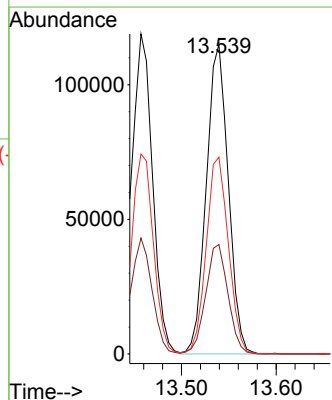
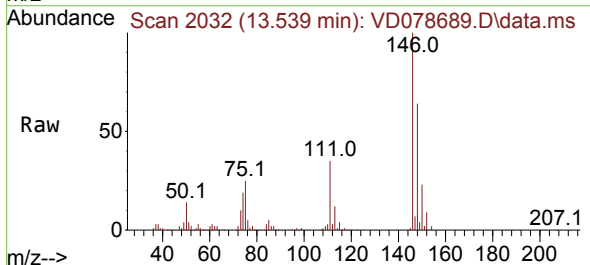
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

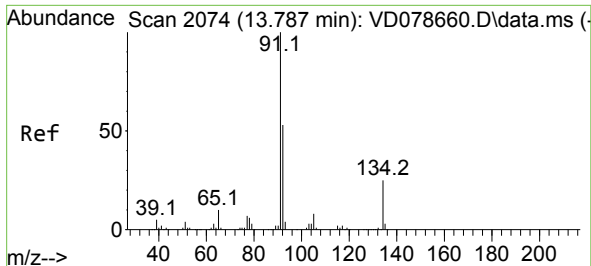
Tgt Ion:146 Resp: 187689
Ion Ratio Lower Upper
146 100
111 36.0 18.2 54.6
148 64.5 31.1 93.5



#88
1,4-Dichlorobenzene
Concen: 51.978 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. 0.006 min
Lab File: VD078689.D
Acq: 18 Mar 2024 11:26

Tgt Ion:146 Resp: 185119
Ion Ratio Lower Upper
146 100
111 35.9 17.8 53.3
148 64.4 32.4 97.0

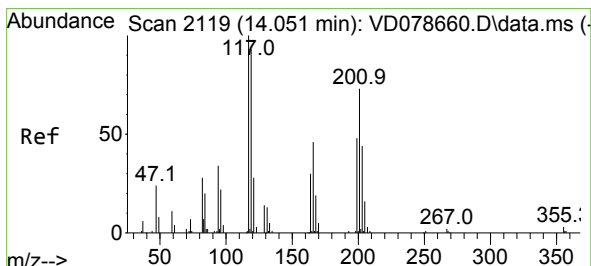
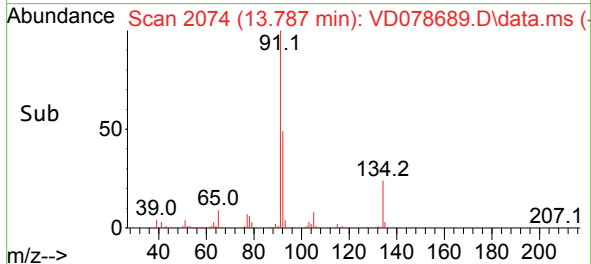
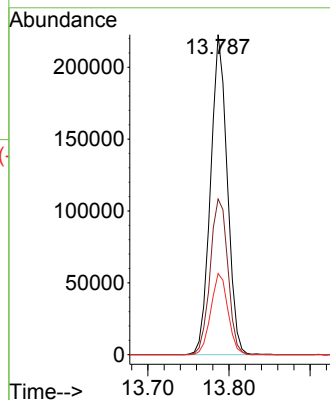
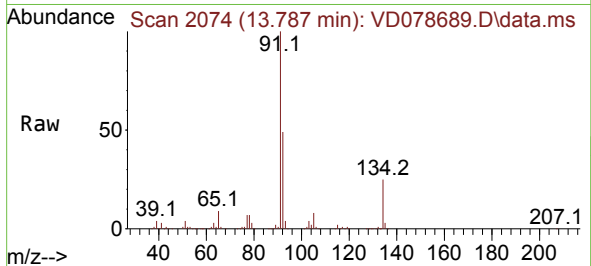




#89
n-Butylbenzene
Concen: 55.150 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. -0.000 min
Lab File: VD078689.D
Acq: 18 Mar 2024 11:26

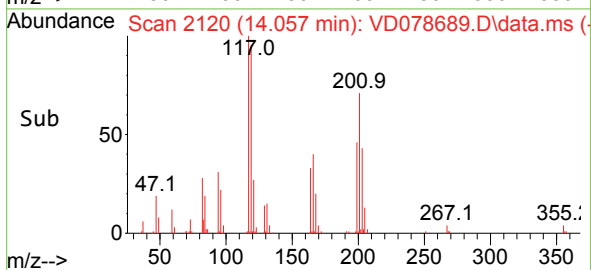
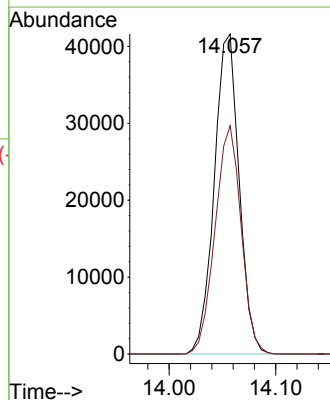
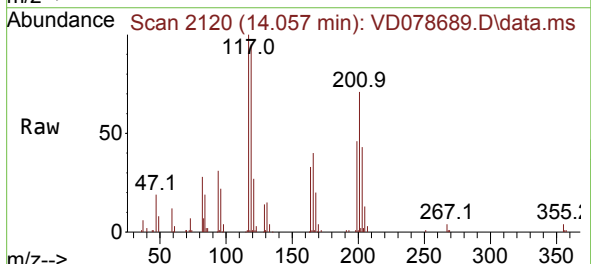
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

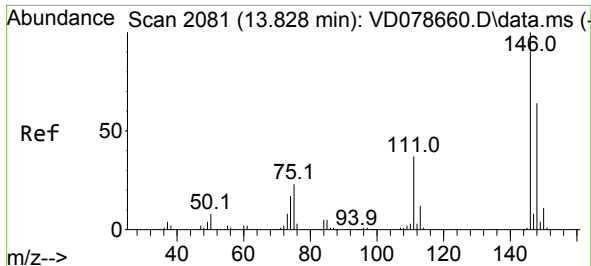
Tgt Ion: 91 Resp: 317703
Ion Ratio Lower Upper
91 100
92 51.4 26.4 79.0
134 26.0 13.0 38.9



#90
Hexachloroethane
Concen: 50.974 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.006 min
Lab File: VD078689.D
Acq: 18 Mar 2024 11:26

Tgt Ion: 117 Resp: 67278
Ion Ratio Lower Upper
117 100
201 74.8 36.2 108.6





#91

1,2-Dichlorobenzene

Concen: 50.775 ug/l

RT: 13.834 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VD078689.D

Acq: 18 Mar 2024 11:26

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

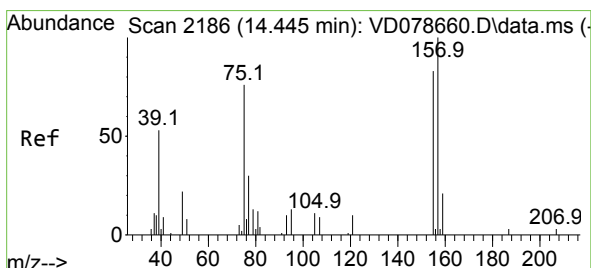
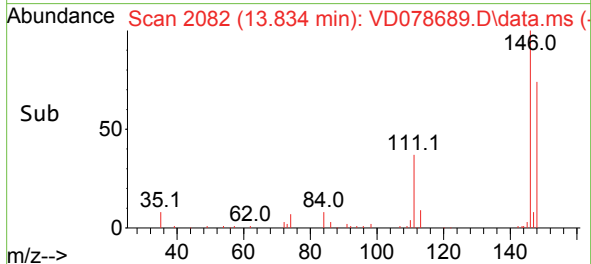
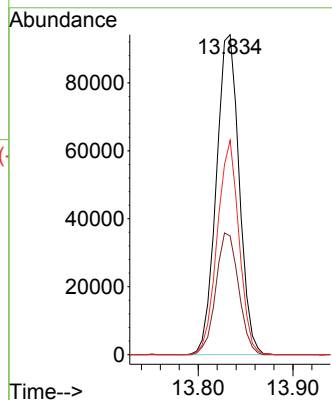
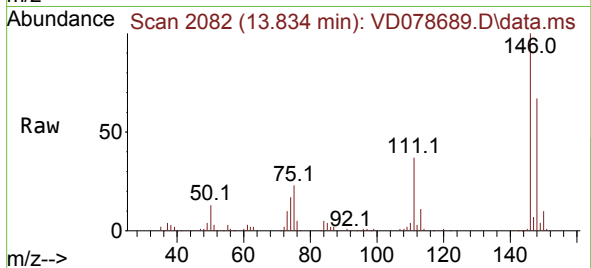
Tgt Ion:146 Resp: 158031

Ion Ratio Lower Upper

146 100

111 38.0 18.6 56.0

148 63.8 32.1 96.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.415 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. -0.000 min

Lab File: VD078689.D

Acq: 18 Mar 2024 11:26

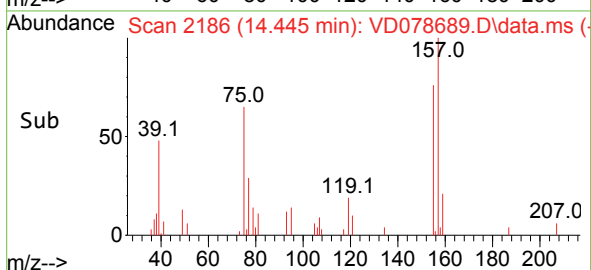
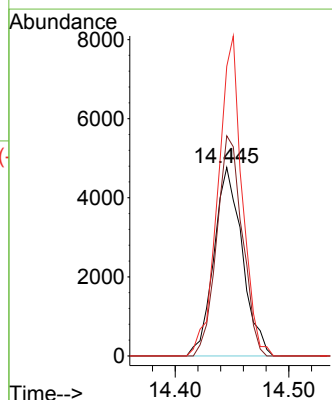
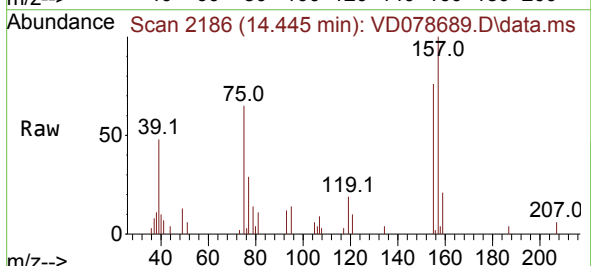
Tgt Ion: 75 Resp: 8279

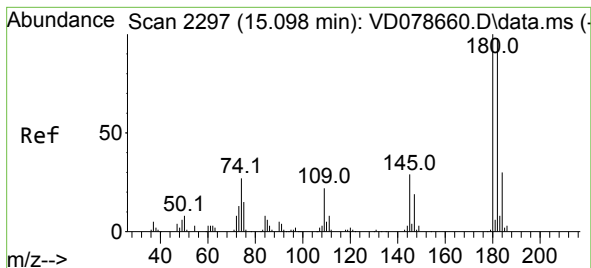
Ion Ratio Lower Upper

75 100

155 105.1 49.8 149.3

157 144.2 65.5 196.3





#93

1,2,4-Trichlorobenzene

Concen: 52.594 ug/l

RT: 15.098 min Scan# 21

Delta R.T. -0.000 min

Lab File: VD078689.D

Acq: 18 Mar 2024 11:26

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

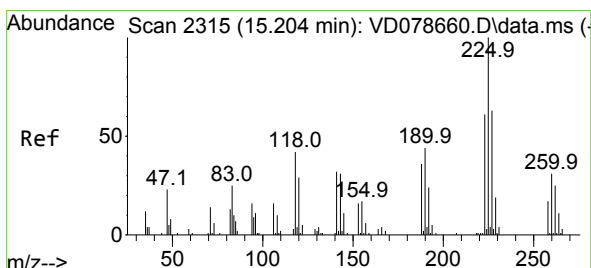
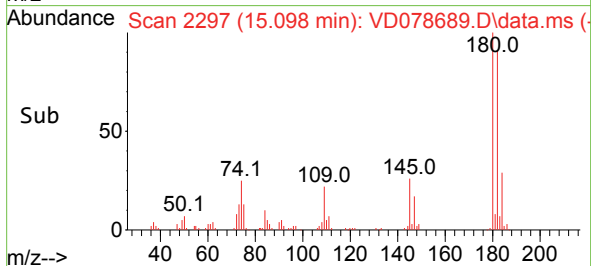
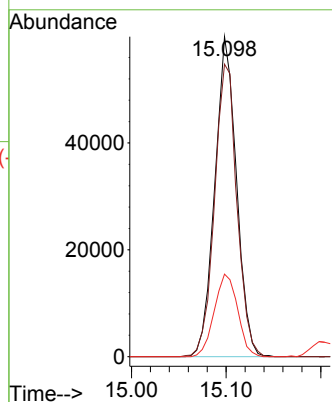
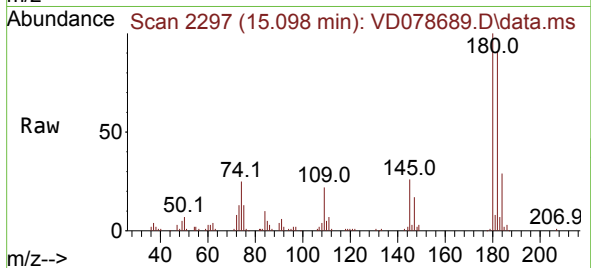
Tgt Ion:180 Resp: 95532

Ion Ratio Lower Upper

180 100

182 94.3 49.7 149.1

145 27.7 14.6 44.0



#94

Hexachlorobutadiene

Concen: 53.235 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. -0.000 min

Lab File: VD078689.D

Acq: 18 Mar 2024 11:26

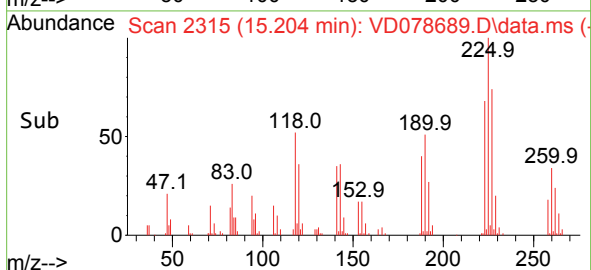
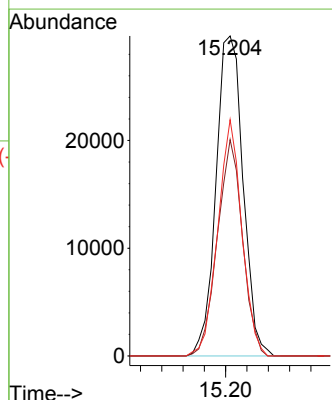
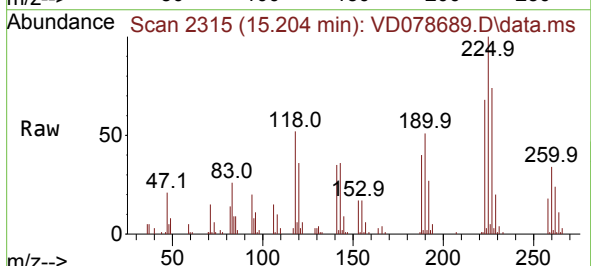
Tgt Ion:225 Resp: 52350

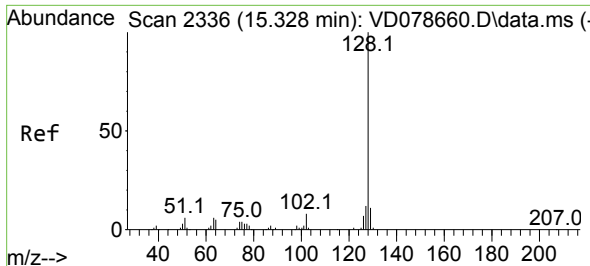
Ion Ratio Lower Upper

225 100

223 62.6 31.9 95.7

227 65.7 32.0 96.0

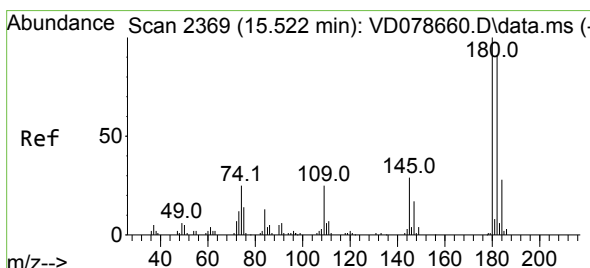
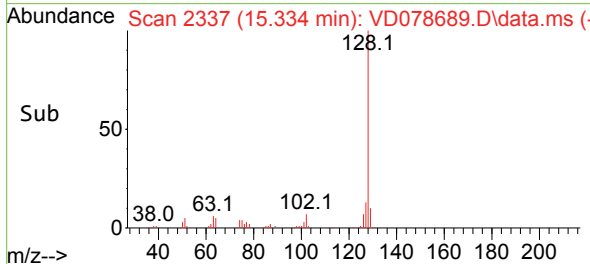
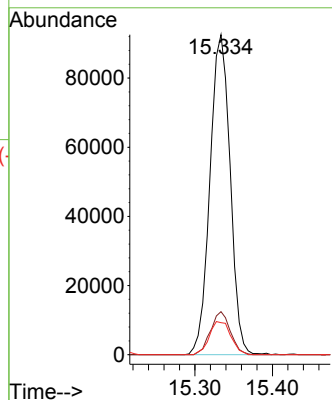
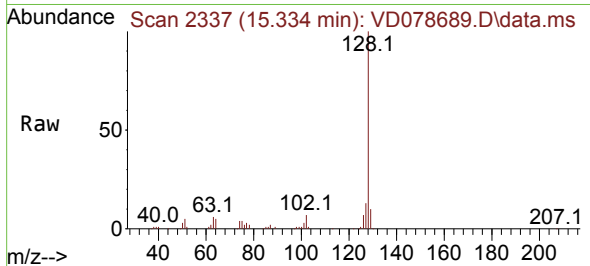




#95
Naphthalene
Concen: 53.087 ug/l
RT: 15.334 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD078689.D
Acq: 18 Mar 2024 11:26

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 167654
Ion Ratio Lower Upper
128 100
127 13.5 9.3 13.9
129 10.0 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 52.112 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD078689.D
Acq: 18 Mar 2024 11:26

Tgt Ion:180 Resp: 81891
Ion Ratio Lower Upper
180 100
182 95.6 46.7 140.1
145 29.4 14.4 43.4

