

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031224\
 Data File : VD078640.D
 Acq On : 12 Mar 2024 16:57
 Operator : RP/MD
 Sample : VSTDC0050
 Misc : 5.45G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDC0050EC

Quant Time: Mar 13 03:05:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D030124S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 02 03:50:17 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	113582	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	197315	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	190305	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	104374	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	57326	50.915	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.820%	
35) Dibromofluoromethane	7.805	113	65919	51.358	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.720%	
50) Toluene-d8	10.269	98	248637	49.852	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.700%	
62) 4-Bromofluorobenzene	12.575	95	74265	52.133	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 104.260%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	39750	44.345	ug/l	93
3) Chloromethane	2.152	50	72359	44.665	ug/l	94
4) Vinyl Chloride	2.287	62	106489	38.142	ug/l	97
5) Bromomethane	2.693	94	103426	46.383	ug/l	99
6) Chloroethane	2.840	64	91187	44.067	ug/l	97
7) Trichlorofluoromethane	3.181	101	85278	45.173	ug/l	94
8) Diethyl Ether	3.593	74	28407	53.588	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.970	101	54749	46.015	ug/l	99
10) Methyl Iodide	4.170	142	72053	57.872	ug/l	91
11) Tert butyl alcohol	5.046	59	12661	238.716	ug/l #	73
12) 1,1-Dichloroethene	3.940	96	53986	48.603	ug/l #	82
13) Acrolein	3.799	56	22150	198.366	ug/l	96
14) Allyl chloride	4.564	41	65203	51.539	ug/l	93
15) Acrylonitrile	5.246	53	61872	283.107	ug/l	99
16) Acetone	4.022	43	44065	204.282	ug/l	93
17) Carbon Disulfide	4.275	76	168557	45.548	ug/l	97
18) Methyl Acetate	4.564	43	28413	69.590	ug/l	93
19) Methyl tert-butyl Ether	5.316	73	126496	56.011	ug/l	100
20) Methylene Chloride	4.805	84	74102	50.241	ug/l	88
21) trans-1,2-Dichloroethene	5.311	96	69420	52.015	ug/l	98
22) Diisopropyl ether	6.222	45	160401	56.550	ug/l	96
23) Vinyl Acetate	6.158	43	465361	276.240	ug/l	96
24) 1,1-Dichloroethane	6.111	63	114425	53.398	ug/l	97
25) 2-Butanone	7.081	43	65109	239.286	ug/l	89
26) 2,2-Dichloropropane	7.075	77	85505	47.232	ug/l	99
27) cis-1,2-Dichloroethene	7.081	96	79563	54.444	ug/l	97
28) Bromochloromethane	7.422	49	47651	59.523	ug/l	95
29) Tetrahydrofuran	7.452	42	43038	284.703	ug/l	91
30) Chloroform	7.599	83	127611	55.153	ug/l	95
31) Cyclohexane	7.875	56	78488	44.538	ug/l	95
32) 1,1,1-Trichloroethane	7.793	97	103215	52.001	ug/l	98
36) 1,1-Dichloropropene	8.010	75	86378	48.633	ug/l	99
37) Ethyl Acetate	7.163	43	28093	48.816	ug/l	98
38) Carbon Tetrachloride	7.993	117	88457	47.616	ug/l	97
39) Methylcyclohexane	9.275	83	96272	46.182	ug/l	96
40) Benzene	8.252	78	279255	53.045	ug/l	99

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 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

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 Quant Title : SW846 8260
 QLast Update : Sat Mar 02 03:50:17 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	18639	60.428	ug/l	92
42) 1,2-Dichloroethane	8.322	62	70930	53.108	ug/l	96
43) Isopropyl Acetate	8.358	43	56077	50.826	ug/l	97
44) Trichloroethene	9.028	130	72275	50.029	ug/l	95
45) 1,2-Dichloropropane	9.305	63	67632	53.479	ug/l	99
46) Dibromomethane	9.393	93	40048	54.932	ug/l	96
47) Bromodichloromethane	9.581	83	98592	54.845	ug/l	98
48) Methyl methacrylate	9.381	41	25326	50.673	ug/l #	90
49) 1,4-Dioxane	9.387	88	7570	946.075	ug/l #	80
51) 4-Methyl-2-Pentanone	10.157	43	157734	276.980	ug/l	93
52) Toluene	10.334	92	182362	53.986	ug/l	98
53) t-1,3-Dichloropropene	10.552	75	87604	52.678	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	109056	54.771	ug/l	95
55) 1,1,2-Trichloroethane	10.734	97	55845	54.400	ug/l	97
56) Ethyl methacrylate	10.599	69	57381	55.769	ug/l #	93
57) 1,3-Dichloropropane	10.881	76	88847	53.408	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	123442	276.838	ug/l	97
59) 2-Hexanone	10.922	43	106779	252.795	ug/l	94
60) Dibromochloromethane	11.075	129	69236	55.856	ug/l	97
61) 1,2-Dibromoethane	11.181	107	53278	56.550	ug/l	99
64) Tetrachloroethene	10.810	164	59684	49.845	ug/l	85
65) Chlorobenzene	11.604	112	196794	52.512	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	75059	53.800	ug/l	97
67) Ethyl Benzene	11.681	91	340286	52.405	ug/l	97
68) m/p-Xylenes	11.793	106	279411	106.362	ug/l	96
69) o-Xylene	12.122	106	131353	55.117	ug/l	96
70) Styrene	12.134	104	230798	55.872	ug/l	99
71) Bromoform	12.299	173	41291	55.633	ug/l #	100
73) Isopropylbenzene	12.422	105	324161	48.995	ug/l	96
74) N-amyl acetate	12.234	43	56277	50.536	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.675	83	62794	49.543	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	72428	90.859	ug/l #	100
77) Bromobenzene	12.704	156	81060	50.659	ug/l	96
78) n-propylbenzene	12.763	91	399296	49.339	ug/l	96
79) 2-Chlorotoluene	12.851	91	216013	49.740	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	272714	50.654	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	19683	52.851	ug/l	93
82) 4-Chlorotoluene	12.946	91	233532	50.458	ug/l	99
83) tert-Butylbenzene	13.169	119	234421	50.568	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	279897	50.864	ug/l	97
85) sec-Butylbenzene	13.345	105	351803	48.645	ug/l	97
86) p-Isopropyltoluene	13.457	119	306288	50.309	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	175195	51.242	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	168619	49.226	ug/l	99
89) n-Butylbenzene	13.787	91	274091	48.175	ug/l	98
90) Hexachloroethane	14.051	117	60815	49.127	ug/l	97
91) 1,2-Dichlorobenzene	13.834	146	151171	52.053	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.451	75	8096	47.921	ug/l	100
93) 1,2,4-Trichlorobenzene	15.098	180	82307	47.860	ug/l	99
94) Hexachlorobutadiene	15.204	225	44904	47.456	ug/l	98
95) Naphthalene	15.334	128	155977	51.328	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	74458	48.751	ug/l	98

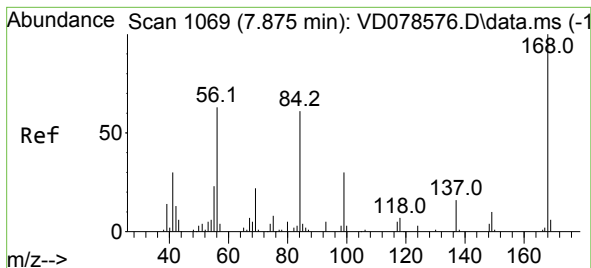
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031224\
Data File : VD078640.D
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Quant Title : SW846 8260
QLast Update : Sat Mar 02 03:50:17 2024
Response via : Initial Calibration

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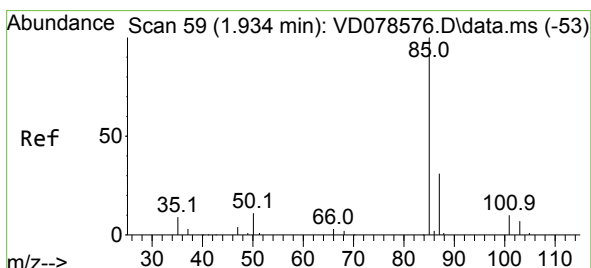
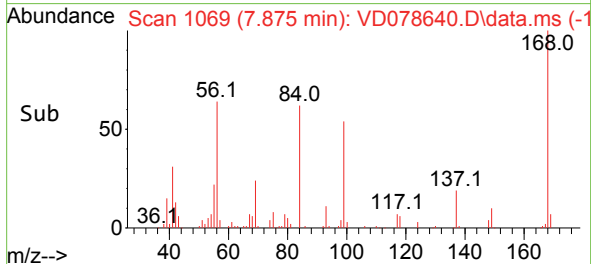
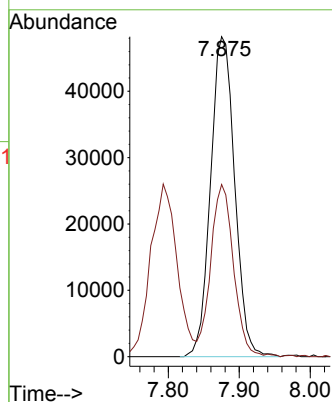
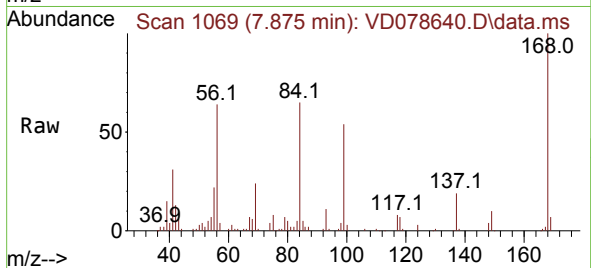
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD078640.D
Acq: 12 Mar 2024 16:57

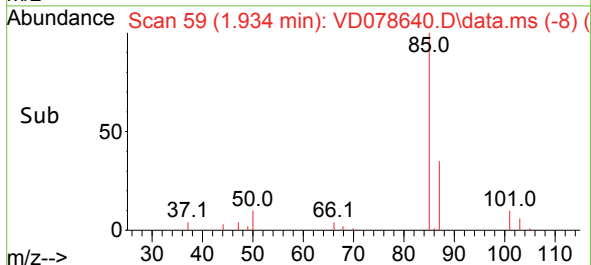
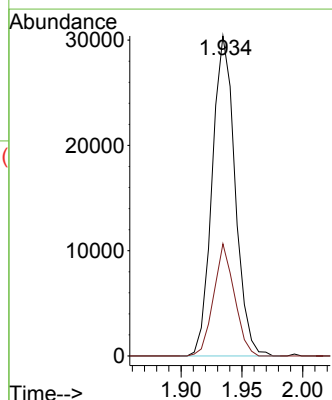
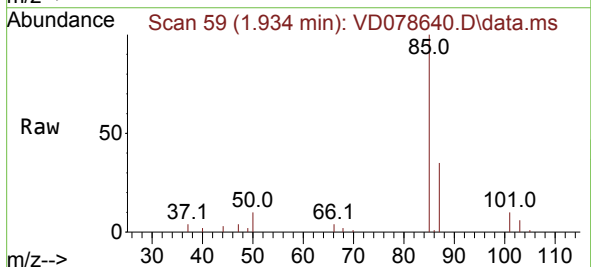
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MSVOA_D
ClientSampleId :
VSTDCCC050EC

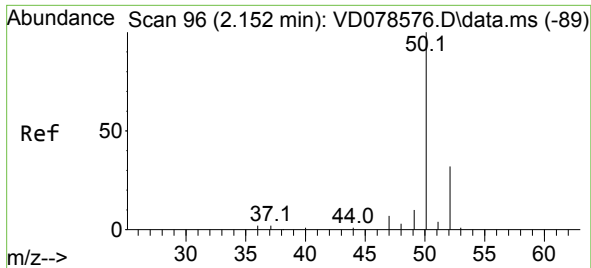
Tgt Ion:168 Resp: 113582
Ion Ratio Lower Upper
168 100
99 53.8 36.7 55.1



#2
Dichlorodifluoromethane
Concen: 44.345 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD078640.D
Acq: 12 Mar 2024 16:57

Tgt Ion: 85 Resp: 39750
Ion Ratio Lower Upper
85 100
87 35.0 15.7 47.0





#3

Chloromethane

Concen: 44.665 ug/l

RT: 2.152 min Scan# 96

Delta R.T. -0.000 min

Lab File: VD078640.D

Acq: 12 Mar 2024 16:57

Instrument :

MSVOA_D

ClientSampleId :

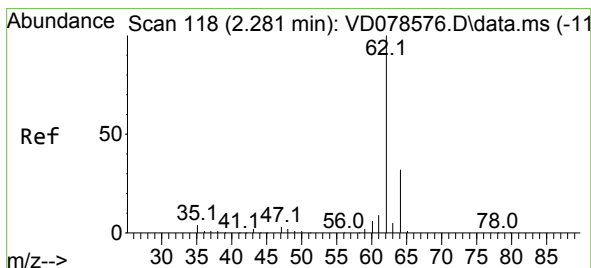
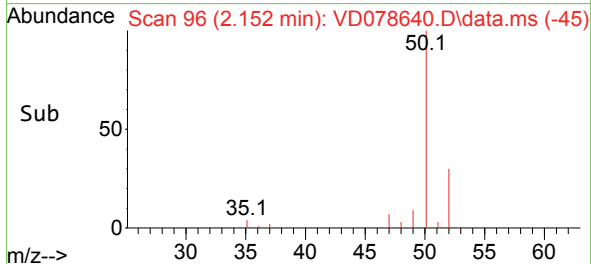
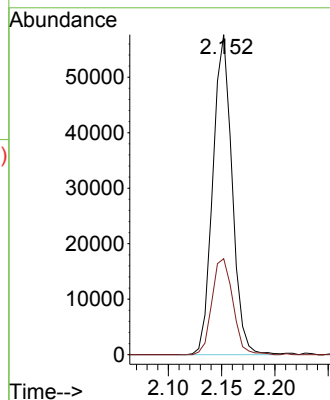
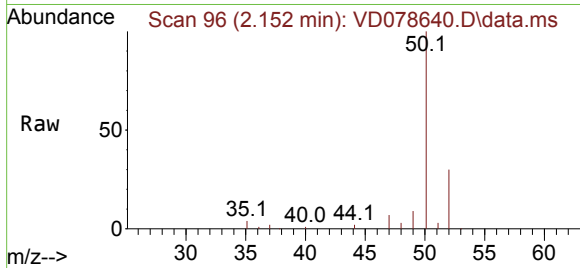
VSTDCCC050EC

Tgt Ion: 50 Resp: 72359

Ion Ratio Lower Upper

50 100

52 30.0 26.6 40.0



#4

Vinyl Chloride

Concen: 38.142 ug/l

RT: 2.287 min Scan# 119

Delta R.T. 0.006 min

Lab File: VD078640.D

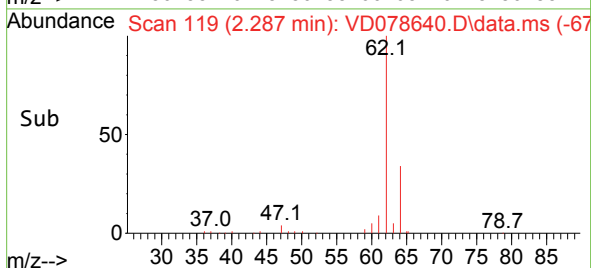
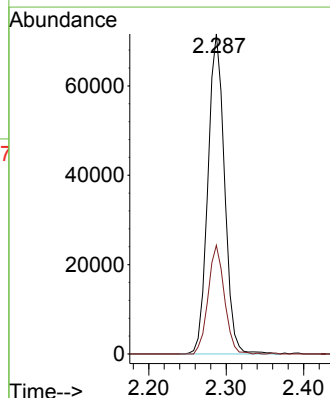
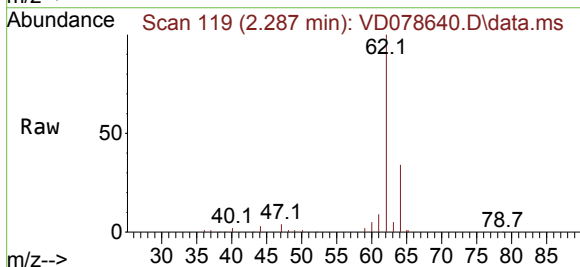
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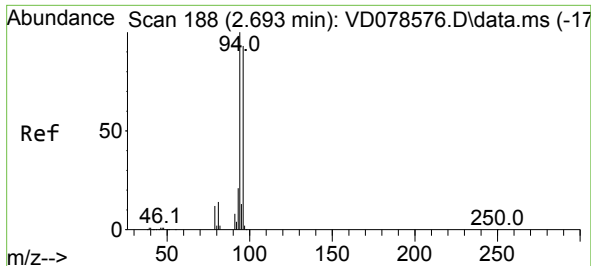
Tgt Ion: 62 Resp: 106489

Ion Ratio Lower Upper

62 100

64 33.9 26.0 39.0

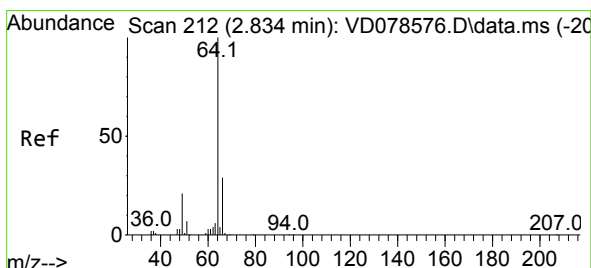
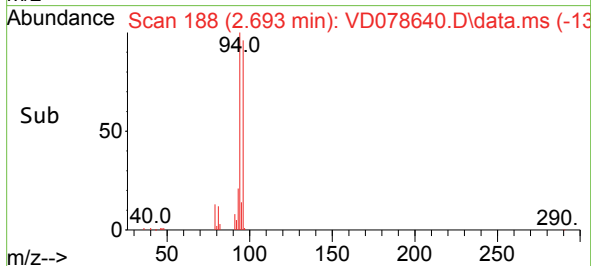
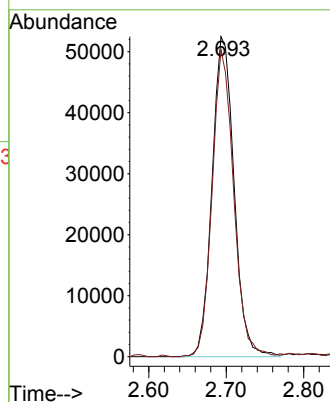
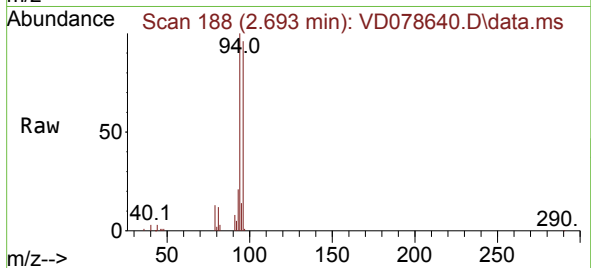




#5
Bromomethane
Concen: 46.383 ug/l
RT: 2.693 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078640.D
Acq: 12 Mar 2024 16:57

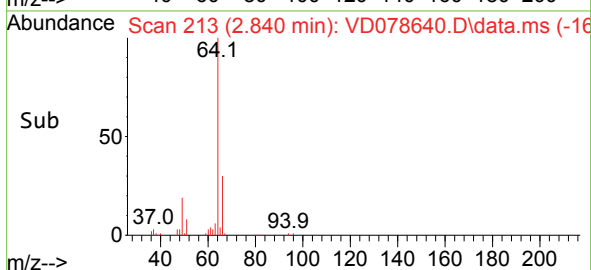
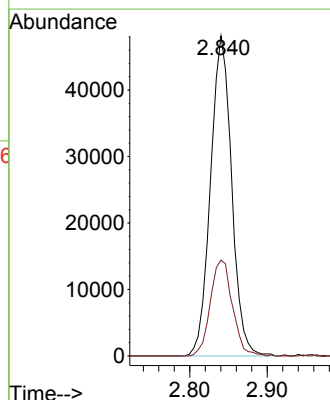
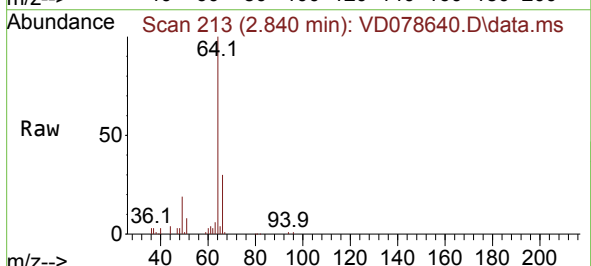
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

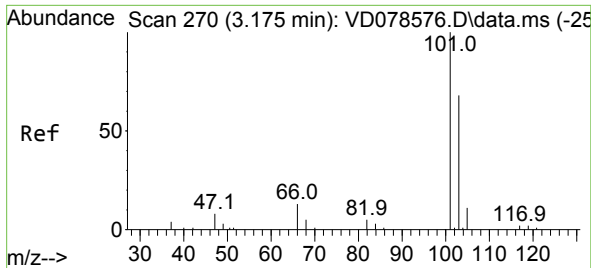
Tgt Ion: 94 Resp: 103426
Ion Ratio Lower Upper
94 100
96 93.9 75.8 113.8



#6
Chloroethane
Concen: 44.067 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.006 min
Lab File: VD078640.D
Acq: 12 Mar 2024 16:57

Tgt Ion: 64 Resp: 91187
Ion Ratio Lower Upper
64 100
66 30.0 25.5 38.3

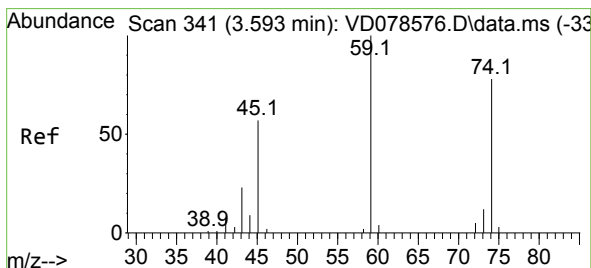
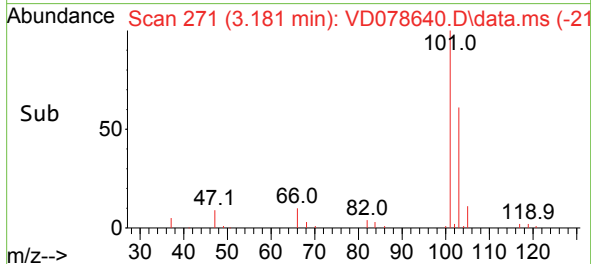
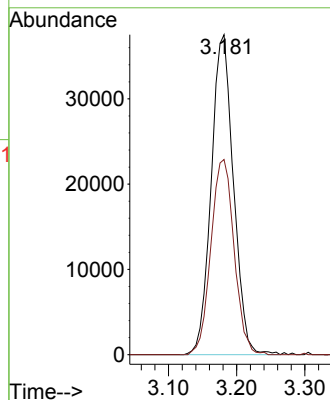
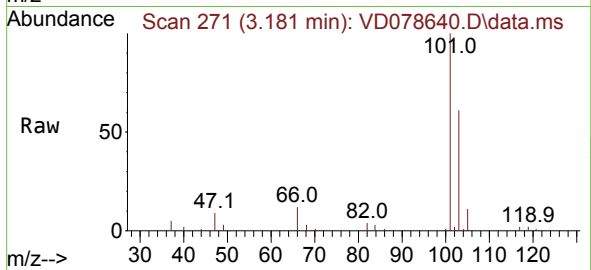




#7
Trichlorofluoromethane
Concen: 45.173 ug/l
RT: 3.181 min Scan# 270
Delta R.T. 0.006 min
Lab File: VD078640.D
Acq: 12 Mar 2024 16:57

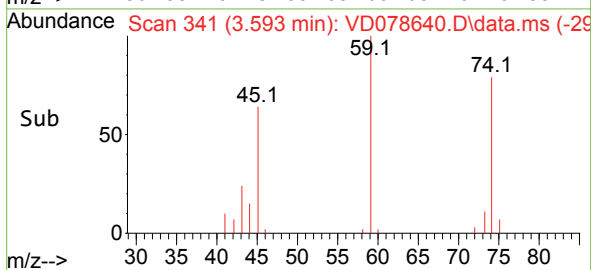
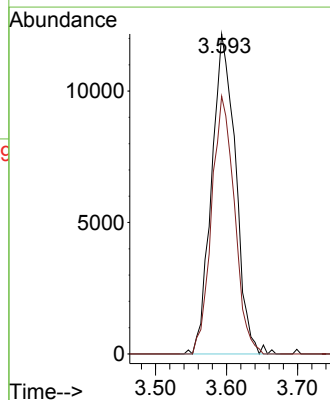
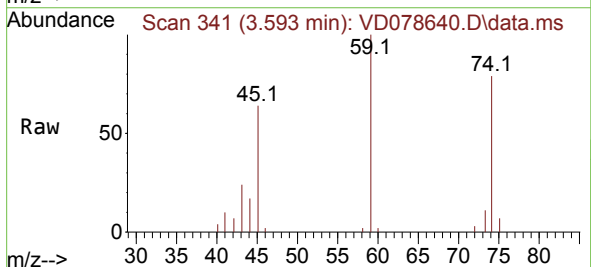
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

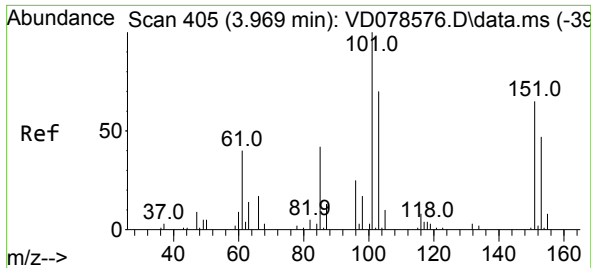
Tgt Ion:101 Resp: 85278
Ion Ratio Lower Upper
101 100
103 61.0 52.3 78.5



#8
Diethyl Ether
Concen: 53.588 ug/l
RT: 3.593 min Scan# 341
Delta R.T. 0.000 min
Lab File: VD078640.D
Acq: 12 Mar 2024 16:57

Tgt Ion: 74 Resp: 28407
Ion Ratio Lower Upper
74 100
45 77.4 37.5 112.7

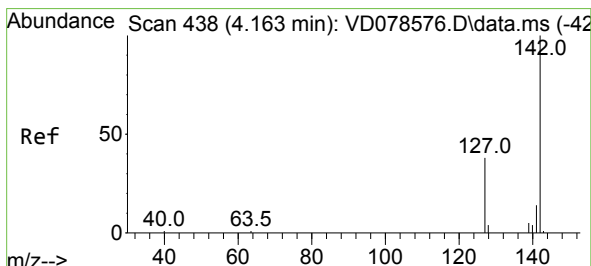
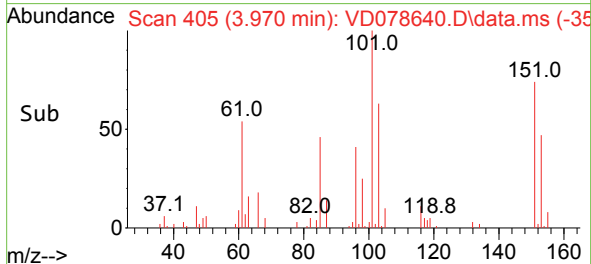
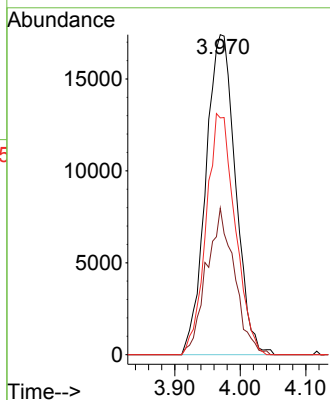
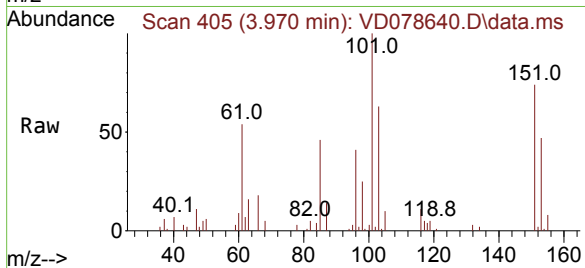




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.015 ug/l
RT: 3.970 min Scan# 405
Delta R.T. 0.000 min
Lab File: VD078640.D
Acq: 12 Mar 2024 16:57

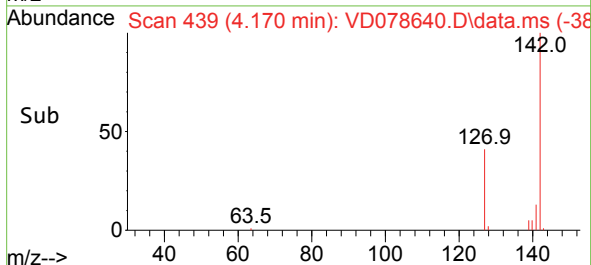
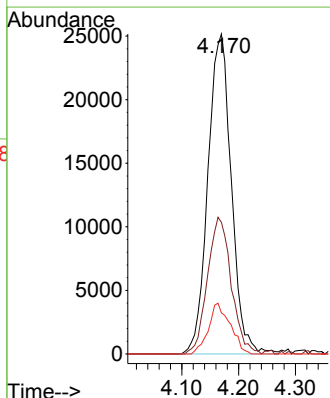
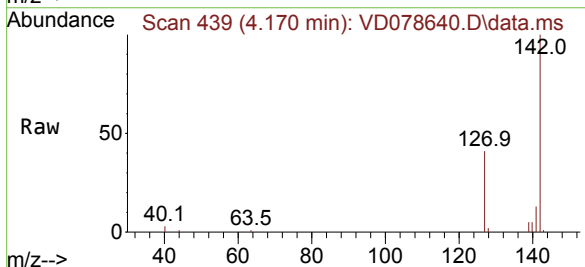
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

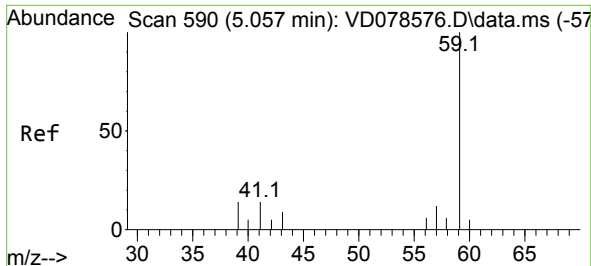
Tgt Ion:101 Resp: 54749
Ion Ratio Lower Upper
101 100
85 43.1 33.8 50.6
151 73.5 59.8 89.6



#10
Methyl Iodide
Concen: 57.872 ug/l
RT: 4.170 min Scan# 439
Delta R.T. 0.006 min
Lab File: VD078640.D
Acq: 12 Mar 2024 16:57

Tgt Ion:142 Resp: 72053
Ion Ratio Lower Upper
142 100
127 43.4 29.4 44.0
141 14.7 11.1 16.7

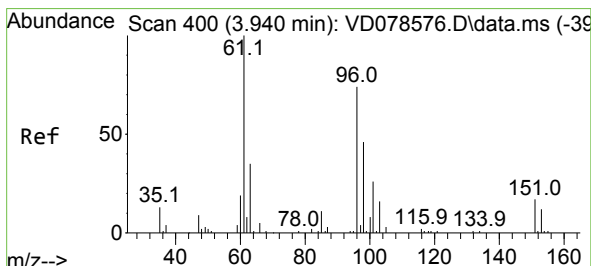
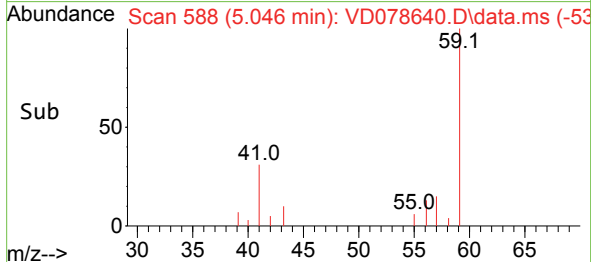
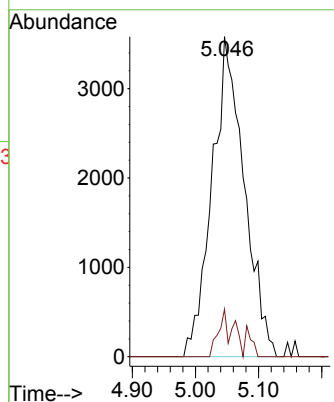
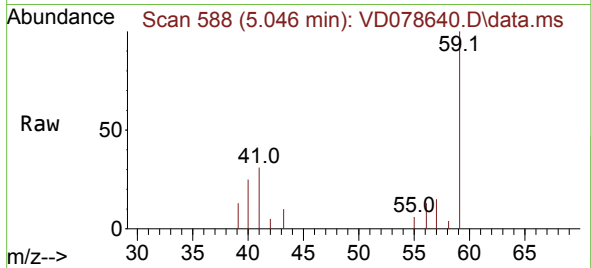




#11
Tert butyl alcohol
Concen: 238.716 ug/l
RT: 5.046 min Scan# 590
Delta R.T. -0.011 min
Lab File: VD078640.D
Acq: 12 Mar 2024 16:57

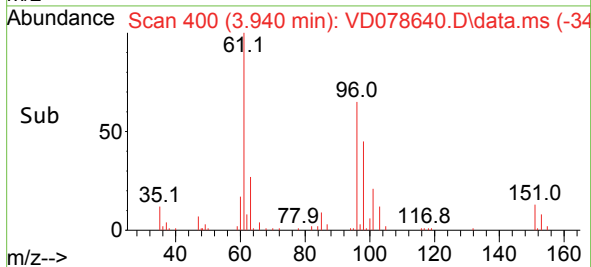
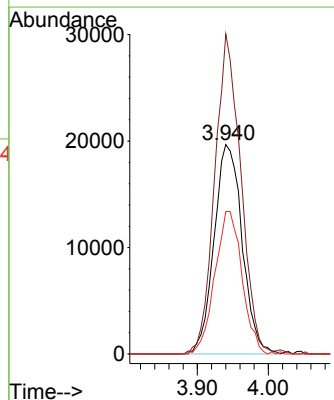
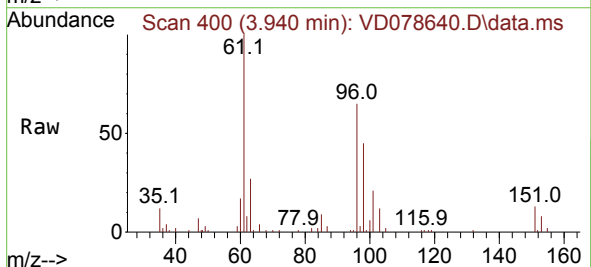
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

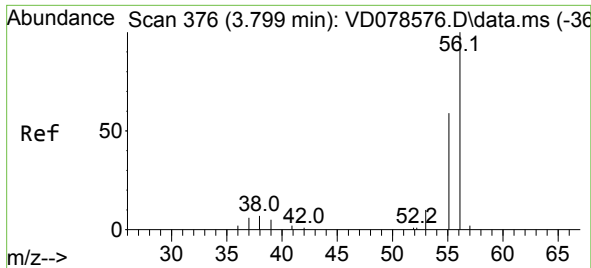
Tgt Ion: 59 Resp: 12661
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 48.603 ug/l
RT: 3.940 min Scan# 400
Delta R.T. 0.000 min
Lab File: VD078640.D
Acq: 12 Mar 2024 16:57

Tgt Ion: 96 Resp: 53986
Ion Ratio Lower Upper
96 100
61 152.8 100.6 150.8#
98 68.0 50.2 75.2





#13

Acrolein

Concen: 198.366 ug/l

RT: 3.799 min Scan# 31

Delta R.T. 0.000 min

Lab File: VD078640.D

Acq: 12 Mar 2024 16:57

Instrument :

MSVOA_D

ClientSampleId :

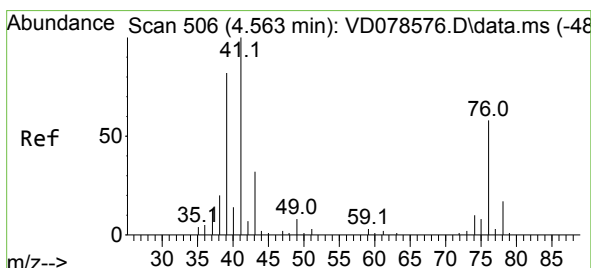
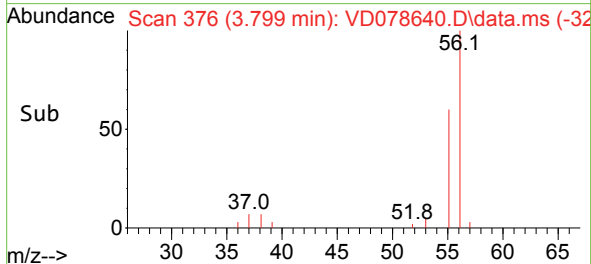
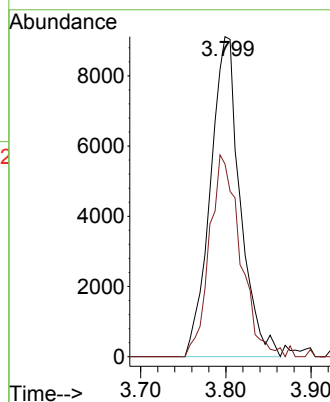
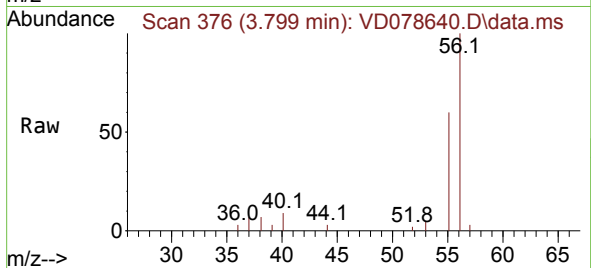
VSTDCCC050EC

Tgt Ion: 56 Resp: 22150

Ion Ratio Lower Upper

56 100

55 65.5 55.1 82.7



#14

Allyl chloride

Concen: 51.539 ug/l

RT: 4.564 min Scan# 506

Delta R.T. 0.000 min

Lab File: VD078640.D

Acq: 12 Mar 2024 16:57

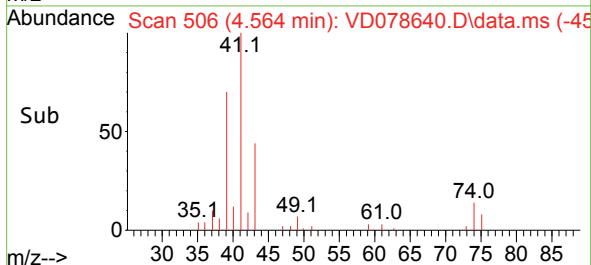
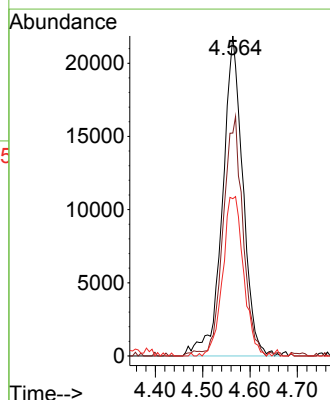
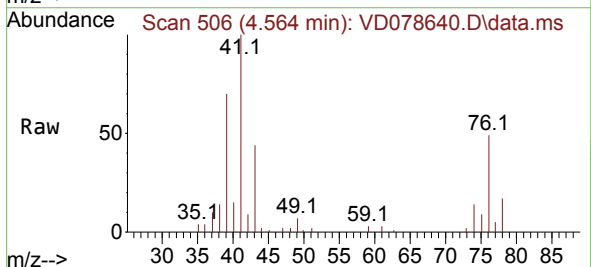
Tgt Ion: 41 Resp: 65203

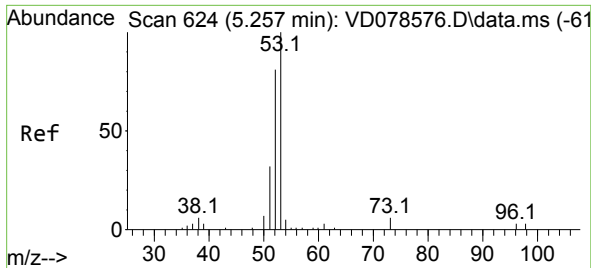
Ion Ratio Lower Upper

41 100

39 72.2 53.8 80.6

76 51.0 45.8 68.8

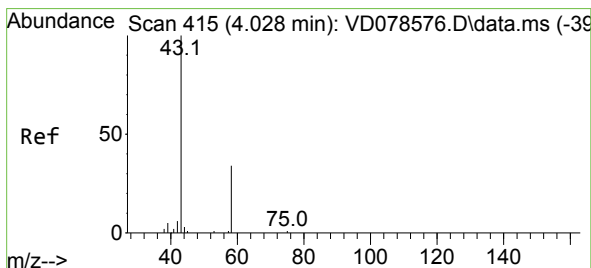
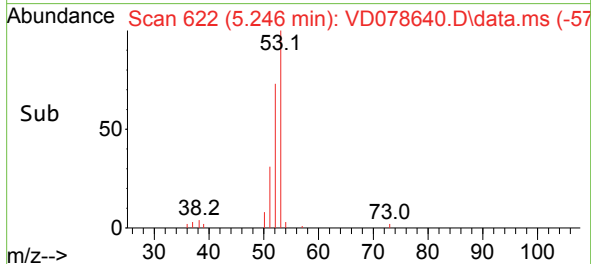
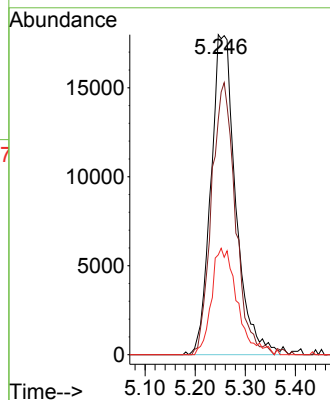
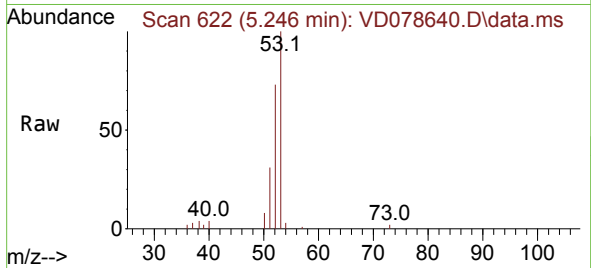




#15
Acrylonitrile
Concen: 283.107 ug/l
RT: 5.246 min Scan# 61
Delta R.T. -0.011 min
Lab File: VD078640.D
Acq: 12 Mar 2024 16:57

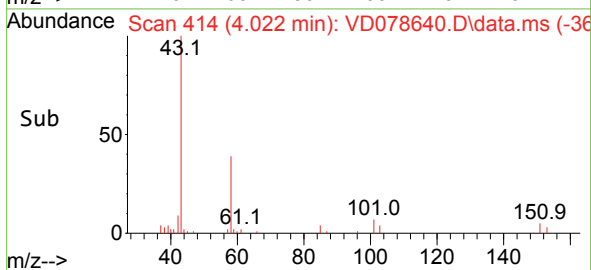
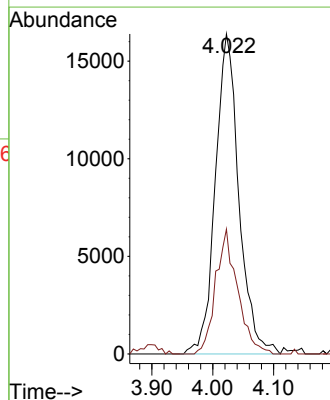
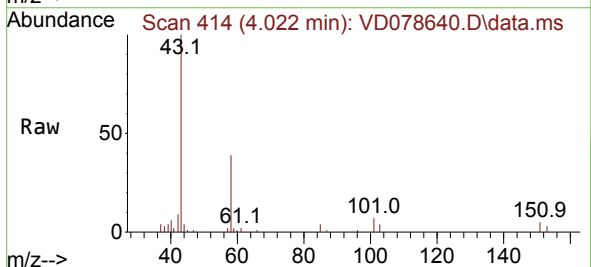
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

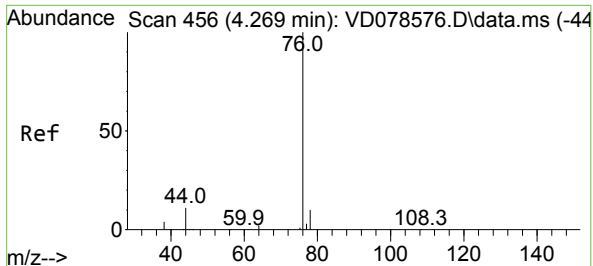
Tgt Ion:	53	Resp:	61872
Ion	Ratio	Lower	Upper
53	100		
52	81.7	65.0	97.4
51	34.5	28.3	42.5



#16
Acetone
Concen: 204.282 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.005 min
Lab File: VD078640.D
Acq: 12 Mar 2024 16:57

Tgt Ion:	43	Resp:	44065
Ion	Ratio	Lower	Upper
43	100		
58	39.0	34.7	52.1





#17

Carbon Disulfide

Concen: 45.548 ug/l

RT: 4.275 min Scan# 4

Delta R.T. 0.006 min

Lab File: VD078640.D

Acq: 12 Mar 2024 16:57

Instrument :

MSVOA_D

ClientSampleId :

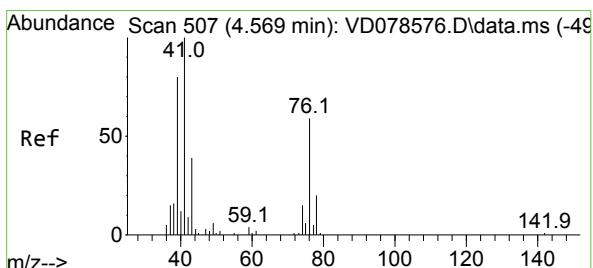
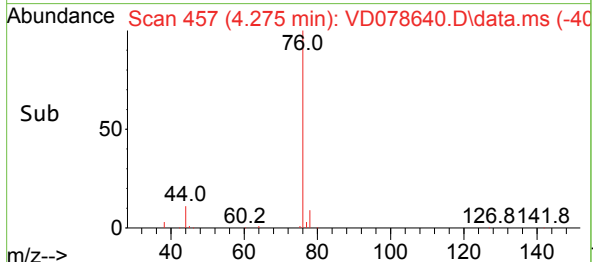
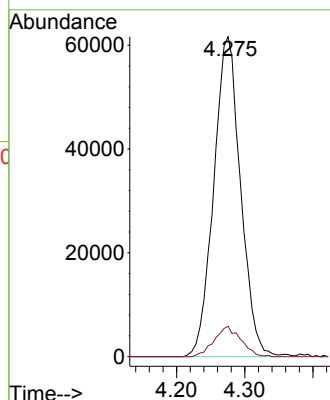
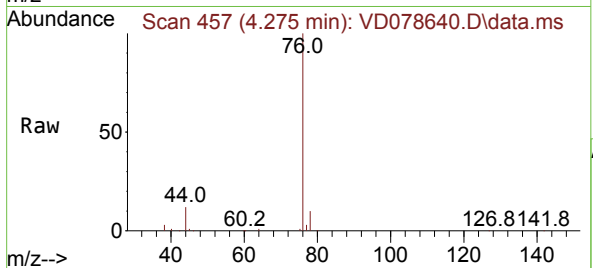
VSTDCCC050EC

Tgt Ion: 76 Resp: 168557

Ion Ratio Lower Upper

76 100

78 9.5 6.8 10.2



#18

Methyl Acetate

Concen: 69.590 ug/l

RT: 4.564 min Scan# 506

Delta R.T. -0.005 min

Lab File: VD078640.D

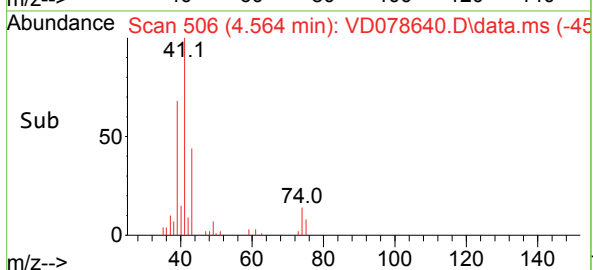
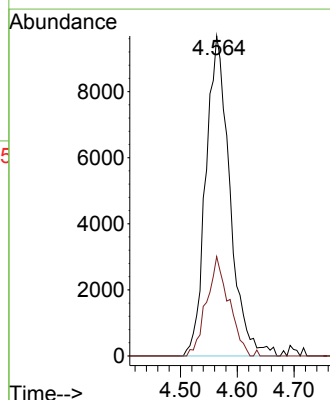
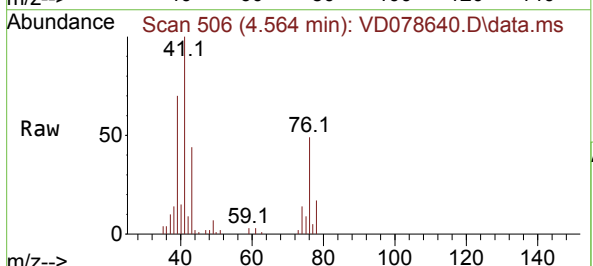
Acq: 12 Mar 2024 16:57

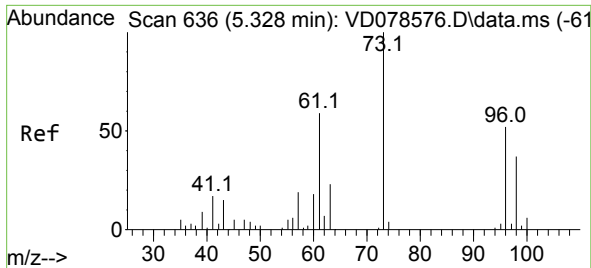
Tgt Ion: 43 Resp: 28413

Ion Ratio Lower Upper

43 100

74 28.9 26.4 39.6

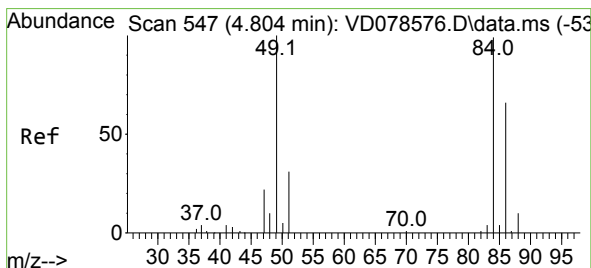
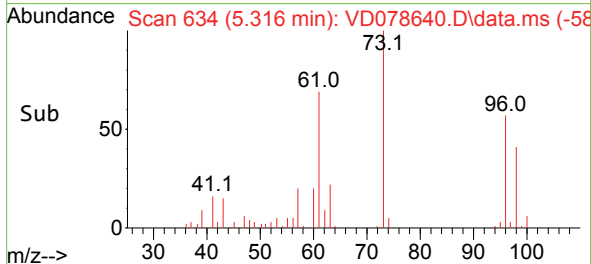
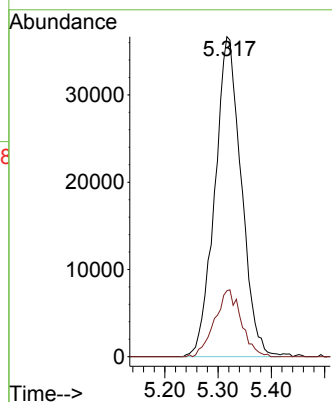
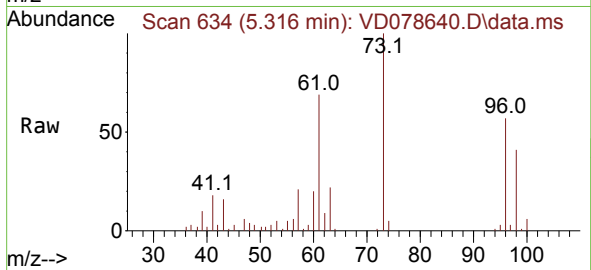




#19
Methyl tert-butyl Ether
Concen: 56.011 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.011 min
Lab File: VD078640.D
Acq: 12 Mar 2024 16:57

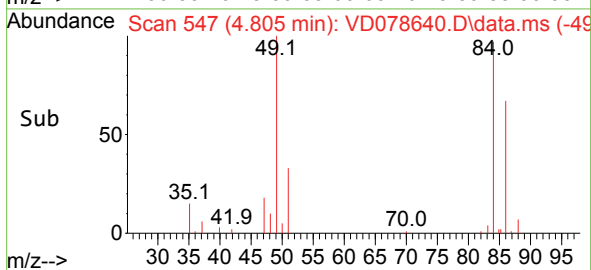
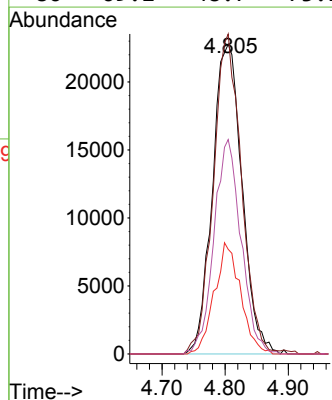
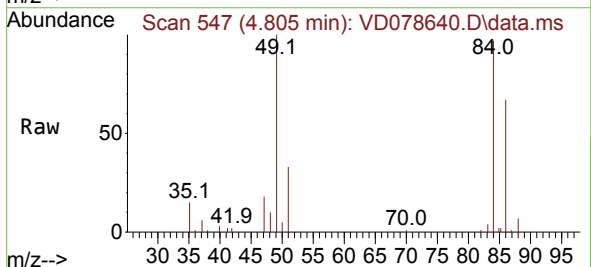
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

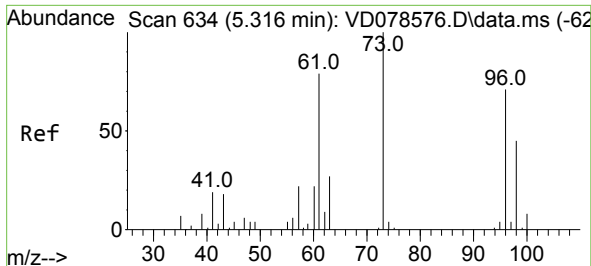
Tgt Ion: 73 Resp: 126496
Ion Ratio Lower Upper
73 100
57 20.6 16.6 25.0



#20
Methylene Chloride
Concen: 50.241 ug/l
RT: 4.805 min Scan# 547
Delta R.T. 0.001 min
Lab File: VD078640.D
Acq: 12 Mar 2024 16:57

Tgt Ion: 84 Resp: 74102
Ion Ratio Lower Upper
84 100
49 103.3 71.4 107.2
51 33.8 24.5 36.7
86 69.2 48.7 73.1

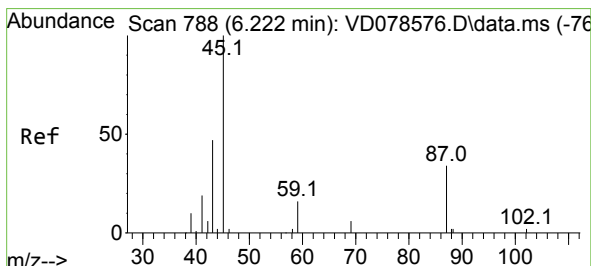
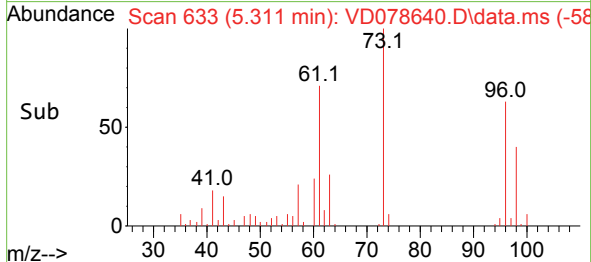
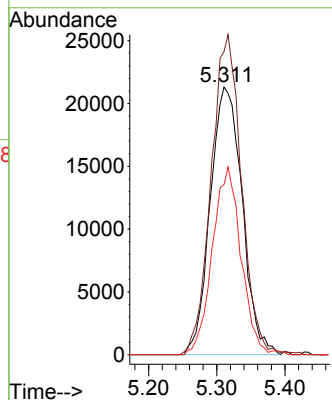
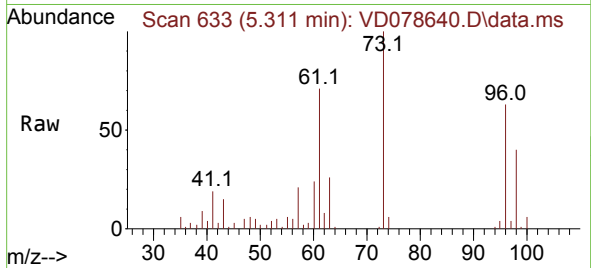




#21
trans-1,2-Dichloroethene
Concen: 52.015 ug/l
RT: 5.311 min Scan# 611
Delta R.T. -0.005 min
Lab File: VD078640.D
Acq: 12 Mar 2024 16:57

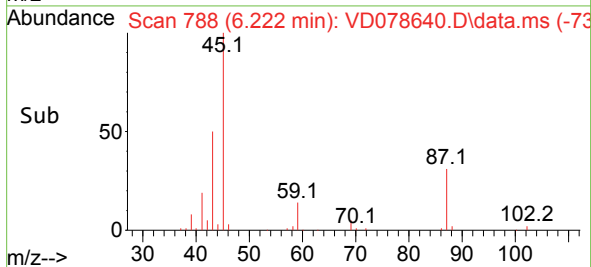
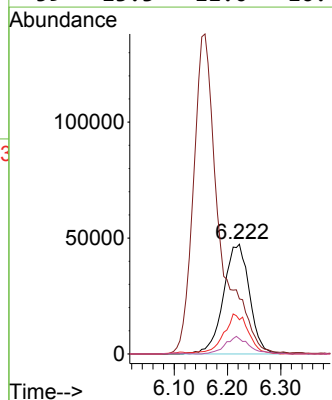
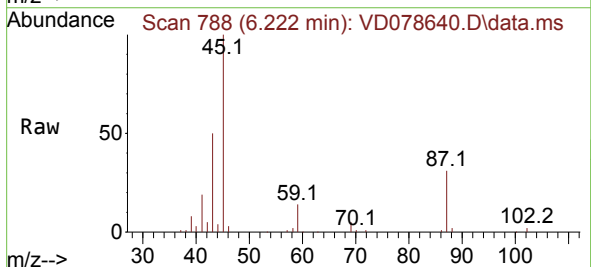
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

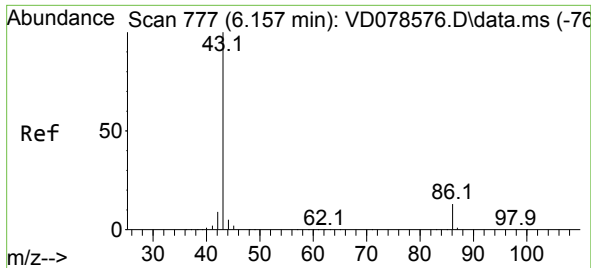
Tgt Ion: 96 Resp: 69420
Ion Ratio Lower Upper
96 100
61 113.2 89.3 133.9
98 63.6 48.6 73.0



#22
Diisopropyl ether
Concen: 56.550 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.000 min
Lab File: VD078640.D
Acq: 12 Mar 2024 16:57

Tgt Ion: 45 Resp: 160401
Ion Ratio Lower Upper
45 100
43 48.6 40.0 60.0
87 31.2 28.2 42.4
59 13.3 11.0 16.4

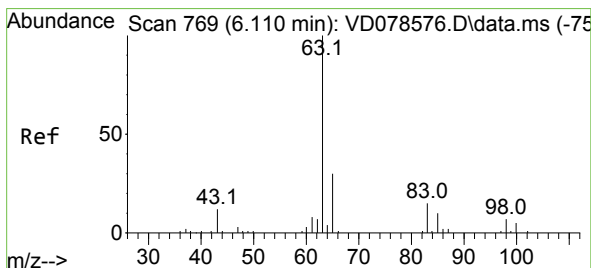
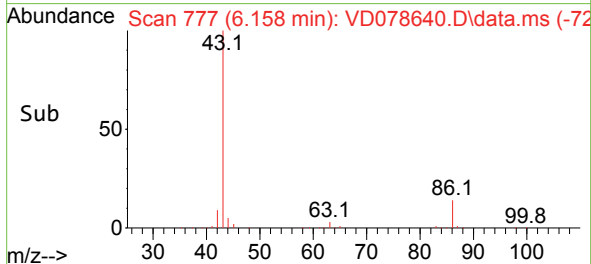
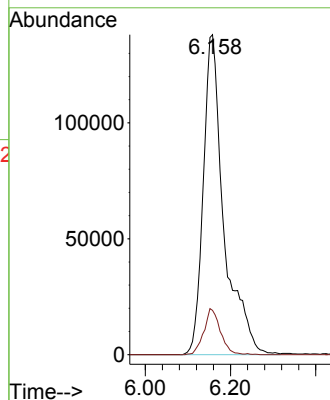
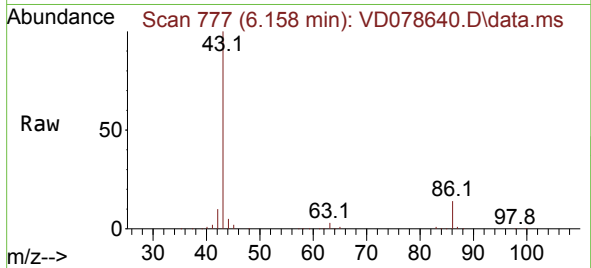




#23
 Vinyl Acetate
 Concen: 276.240 ug/l
 RT: 6.158 min Scan# 711
 Delta R.T. 0.000 min
 Lab File: VD078640.D
 Acq: 12 Mar 2024 16:57

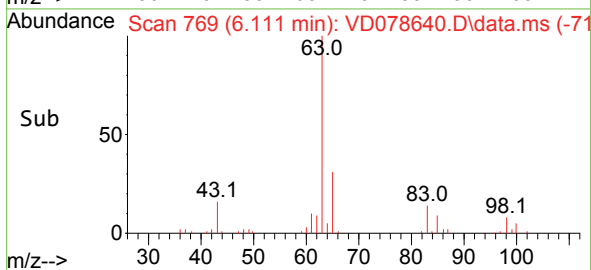
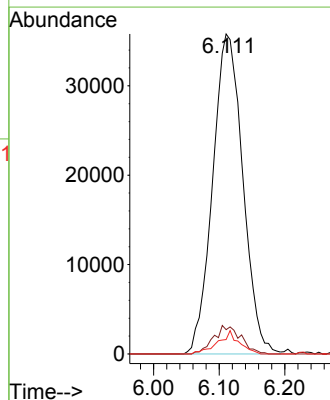
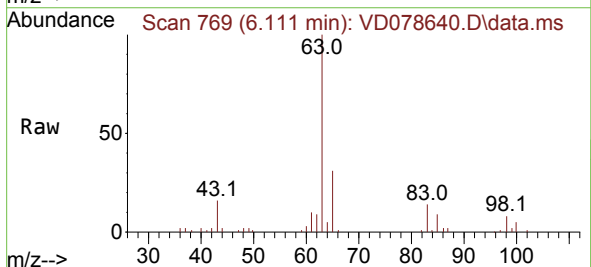
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

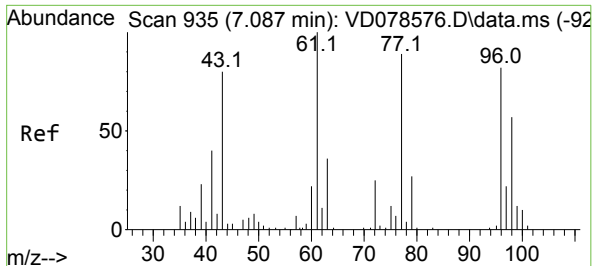
Tgt Ion: 43 Resp: 465361
 Ion Ratio Lower Upper
 43 100
 86 13.9 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 53.398 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VD078640.D
 Acq: 12 Mar 2024 16:57

Tgt Ion: 63 Resp: 114425
 Ion Ratio Lower Upper
 63 100
 98 7.6 4.5 13.7
 100 4.5 2.5 7.5





#25

2-Butanone

Concen: 239.286 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.005 min

Lab File: VD078640.D

Acq: 12 Mar 2024 16:57

Instrument :

MSVOA_D

ClientSampleId :

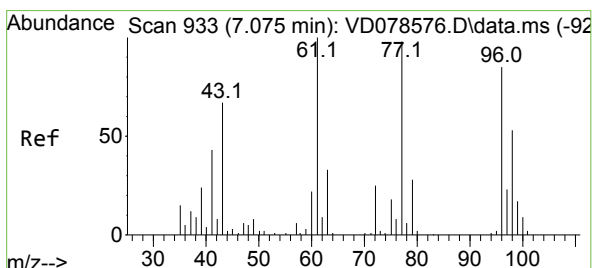
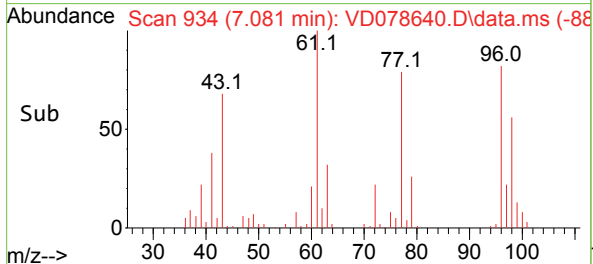
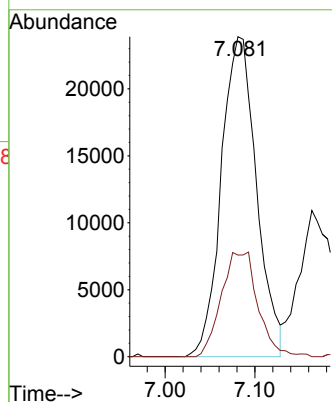
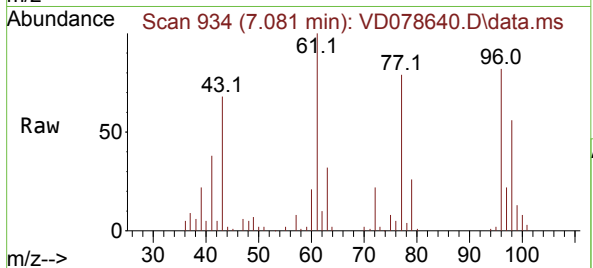
VSTDCCC050EC

Tgt Ion: 43 Resp: 65109

Ion Ratio Lower Upper

43 100

72 31.7 30.7 46.1



#26

2,2-Dichloropropane

Concen: 47.232 ug/l

RT: 7.075 min Scan# 933

Delta R.T. 0.000 min

Lab File: VD078640.D

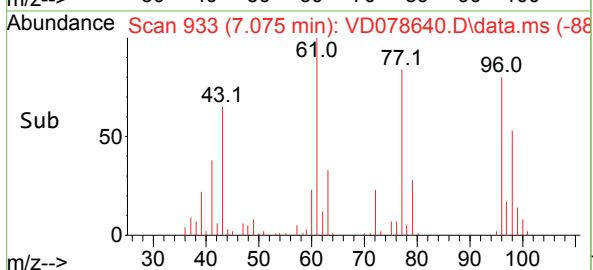
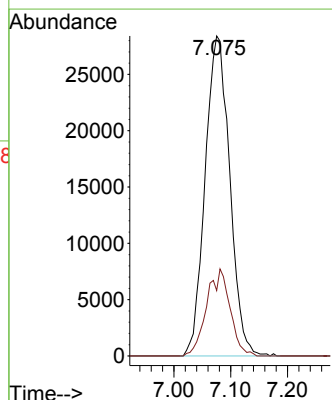
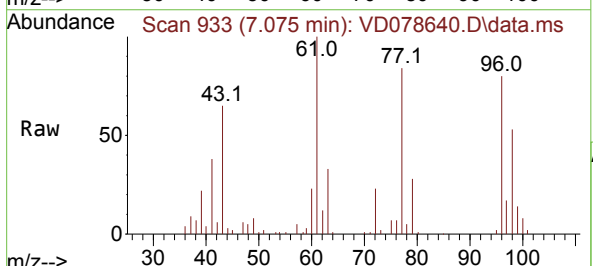
Acq: 12 Mar 2024 16:57

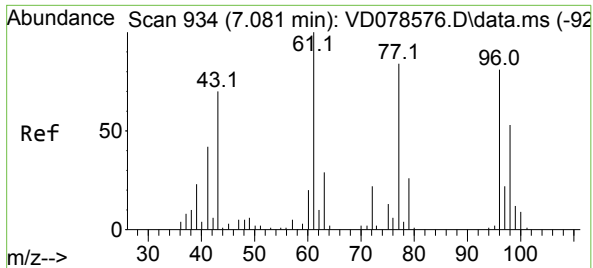
Tgt Ion: 77 Resp: 85505

Ion Ratio Lower Upper

77 100

97 25.9 13.2 39.6

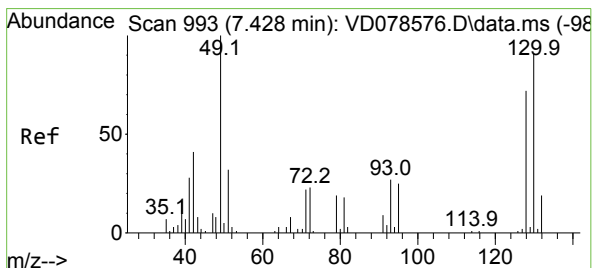
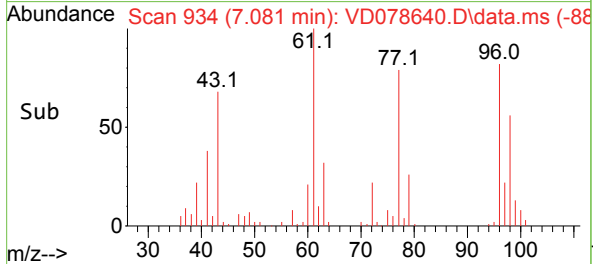
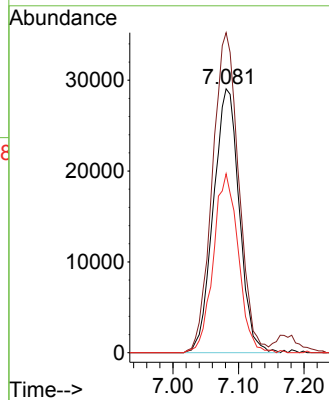
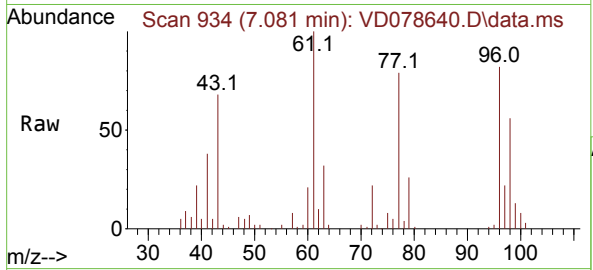




#27
 cis-1,2-Dichloroethene
 Concen: 54.444 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VD078640.D
 Acq: 12 Mar 2024 16:57

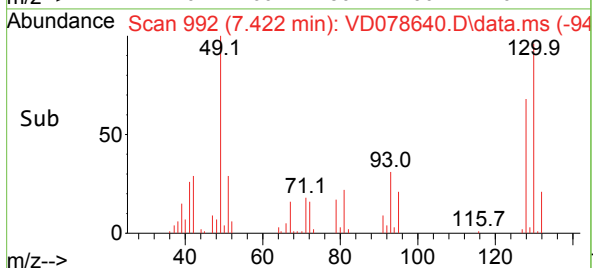
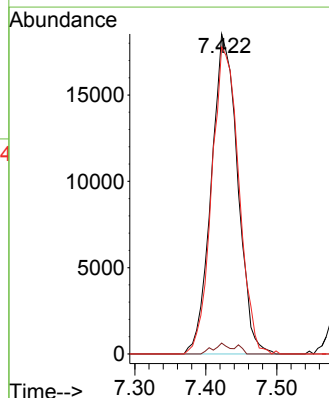
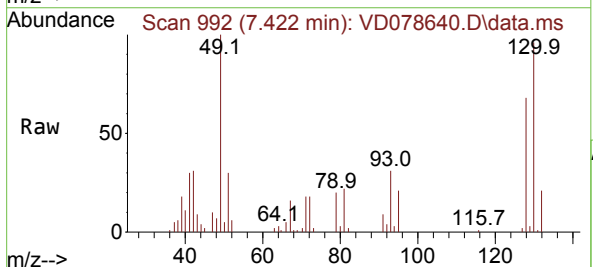
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

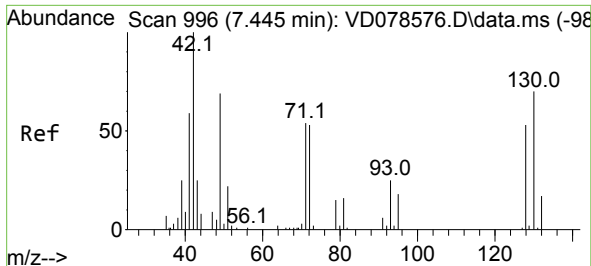
Tgt Ion: 96	Resp:	79563
Ion Ratio	Lower	Upper
96	100	
61	123.6	0.0 239.2
98	65.2	0.0 128.6



#28
 Bromochloromethane
 Concen: 59.523 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. -0.005 min
 Lab File: VD078640.D
 Acq: 12 Mar 2024 16:57

Tgt Ion: 49	Resp:	47651
Ion Ratio	Lower	Upper
49	100	
129	2.1	0.0 6.0
130	98.7	83.2 124.8





#29

Tetrahydrofuran

Concen: 284.703 ug/l

RT: 7.452 min Scan# 996

Delta R.T. 0.006 min

Lab File: VD078640.D

Acq: 12 Mar 2024 16:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

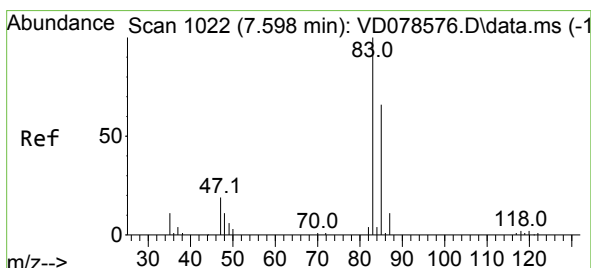
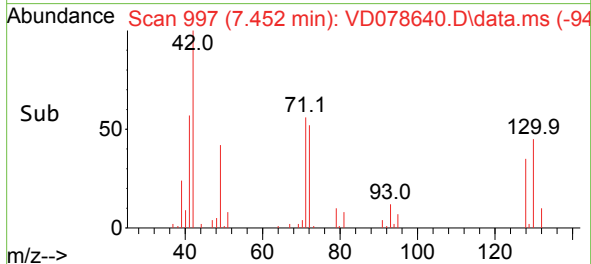
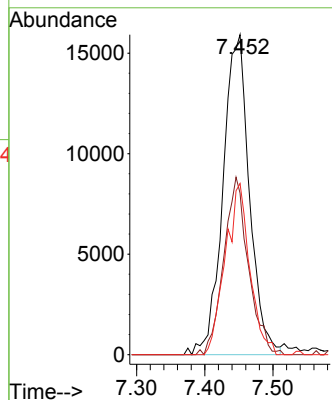
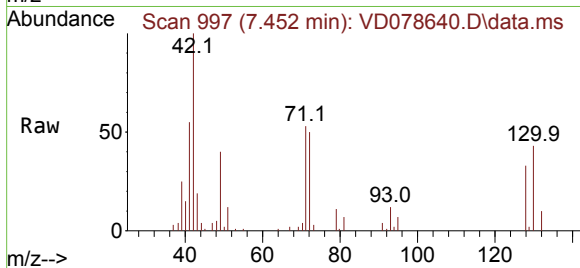
Tgt Ion: 42 Resp: 43038

Ion Ratio Lower Upper

42 100

72 51.6 46.5 69.7

71 49.5 44.5 66.7



#30

Chloroform

Concen: 55.153 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VD078640.D

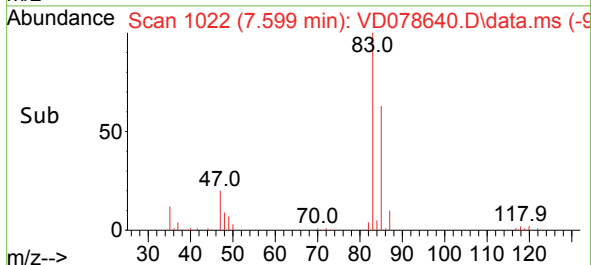
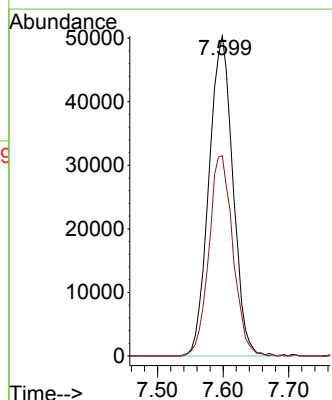
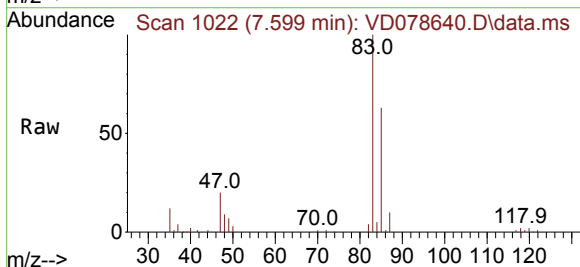
Acq: 12 Mar 2024 16:57

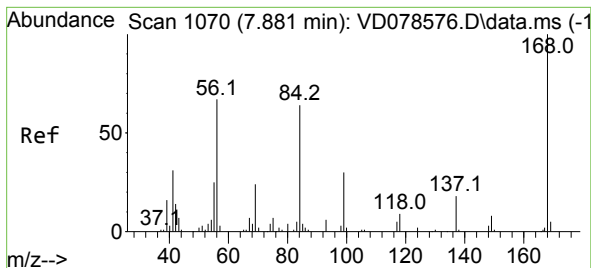
Tgt Ion: 83 Resp: 127611

Ion Ratio Lower Upper

83 100

85 62.6 53.4 80.2





#31

Cyclohexane

Concen: 44.538 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.005 min

Lab File: VD078640.D

Acq: 12 Mar 2024 16:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

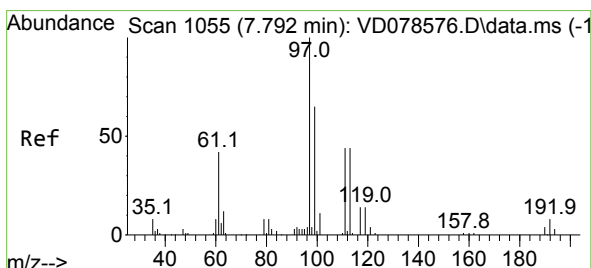
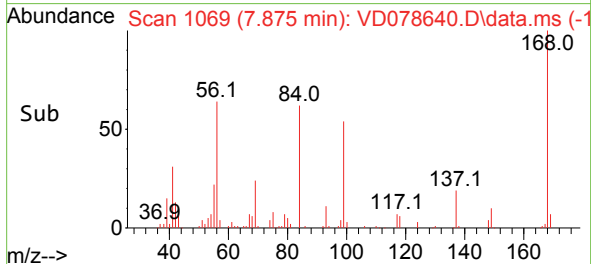
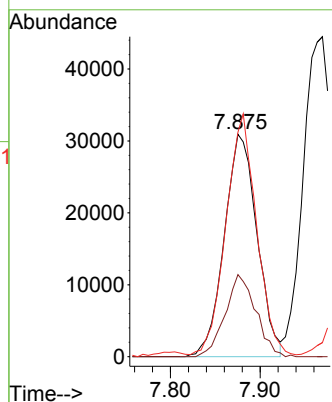
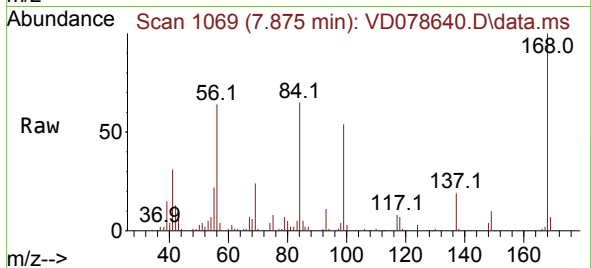
Tgt Ion: 56 Resp: 78488

Ion Ratio Lower Upper

56 100

69 36.9 28.6 43.0

84 99.3 84.8 127.2



#32

1,1,1-Trichloroethane

Concen: 52.001 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VD078640.D

Acq: 12 Mar 2024 16:57

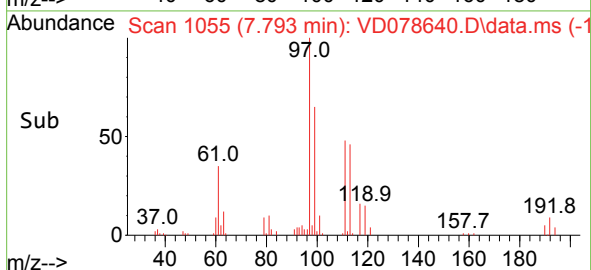
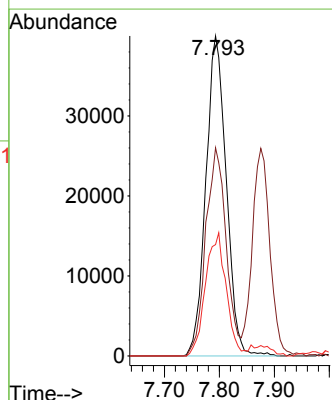
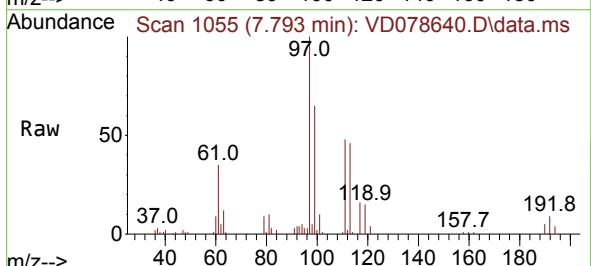
Tgt Ion: 97 Resp: 103215

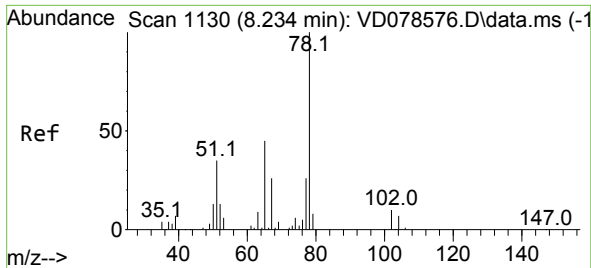
Ion Ratio Lower Upper

97 100

99 65.5 52.0 78.0

61 39.1 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 50.915 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.005 min

Lab File: VD078640.D

Acq: 12 Mar 2024 16:57

Instrument :

MSVOA_D

ClientSampleId :

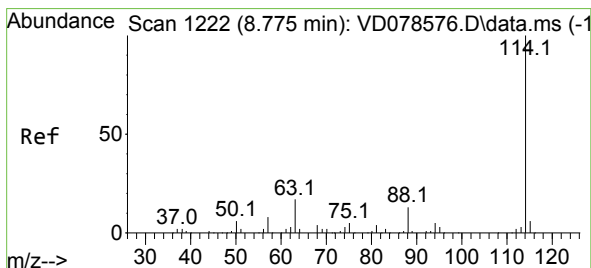
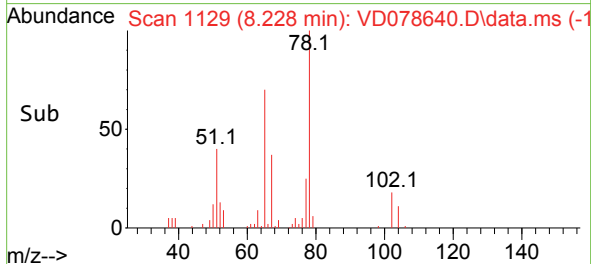
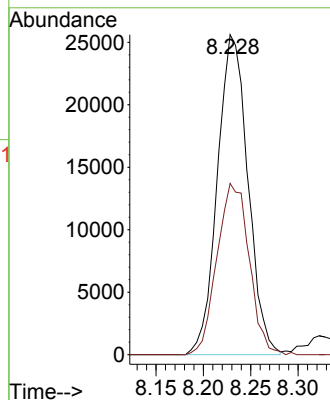
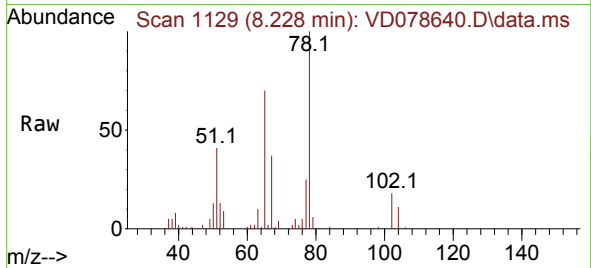
VSTDCCC050EC

Tgt Ion: 65 Resp: 57326

Ion Ratio Lower Upper

65 100

67 56.4 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD078640.D

Acq: 12 Mar 2024 16:57

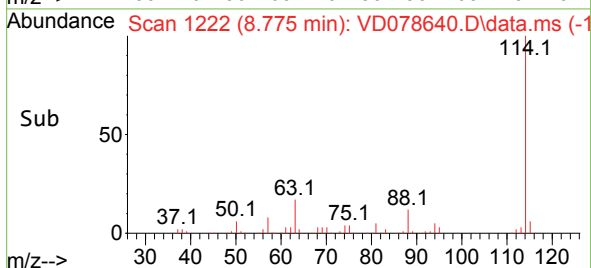
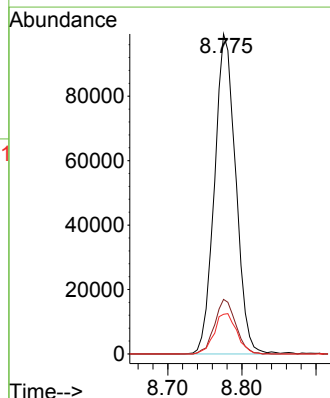
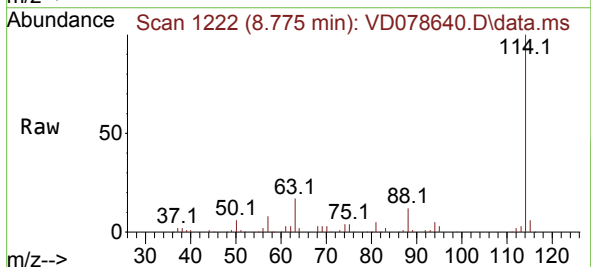
Tgt Ion: 114 Resp: 197315

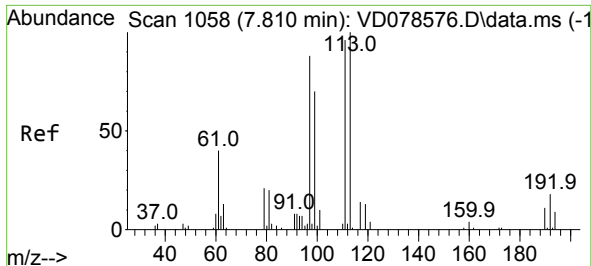
Ion Ratio Lower Upper

114 100

63 17.1 0.0 33.4

88 12.4 0.0 26.2

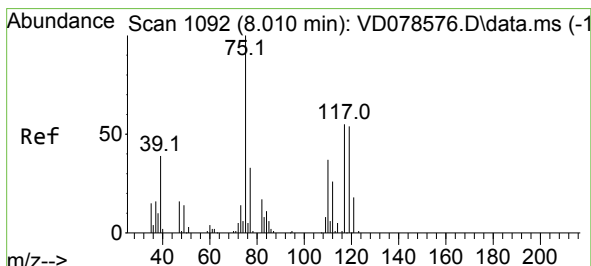
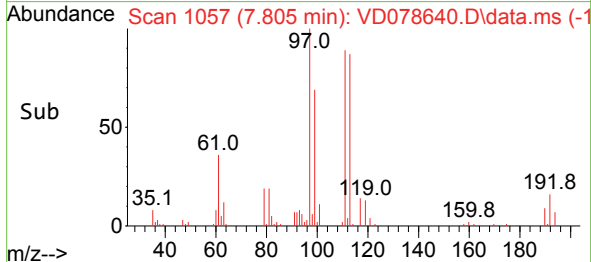
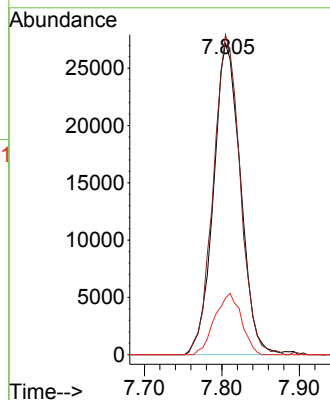
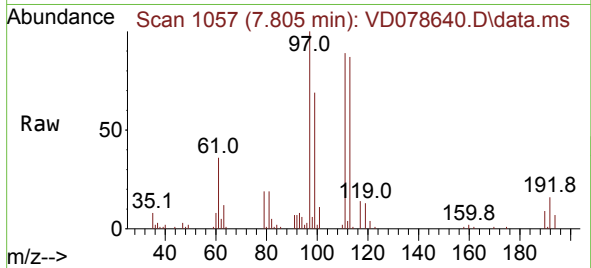




#35
Dibromofluoromethane
Concen: 51.358 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.005 min
Lab File: VD078640.D
Acq: 12 Mar 2024 16:57

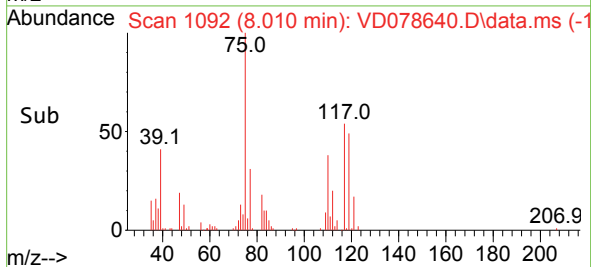
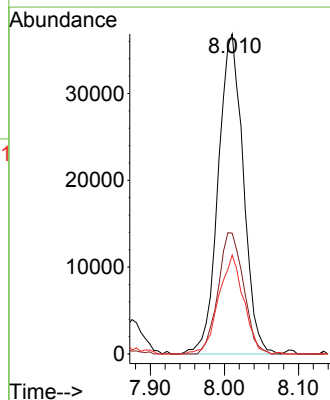
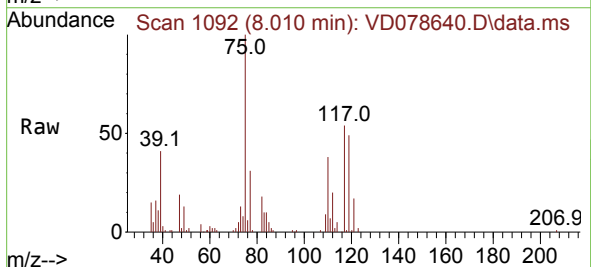
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

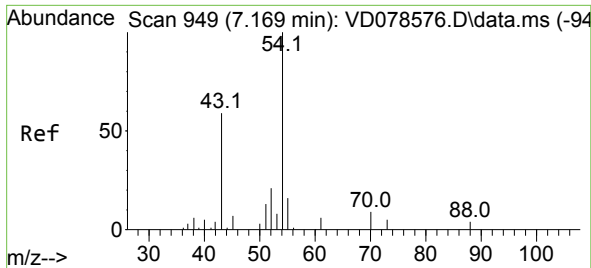
Tgt Ion:113 Resp: 65919
Ion Ratio Lower Upper
113 100
111 102.1 84.7 127.1
192 19.5 16.8 25.2



#36
1,1-Dichloropropene
Concen: 48.633 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VD078640.D
Acq: 12 Mar 2024 16:57

Tgt Ion: 75 Resp: 86378
Ion Ratio Lower Upper
75 100
110 38.5 19.9 59.6
77 31.1 24.7 37.1

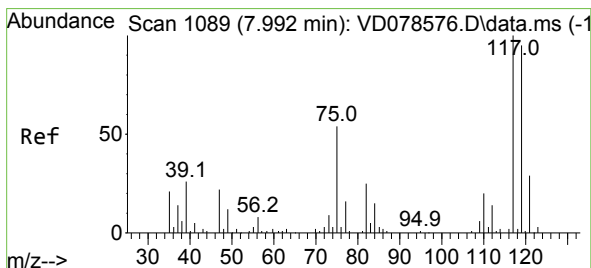
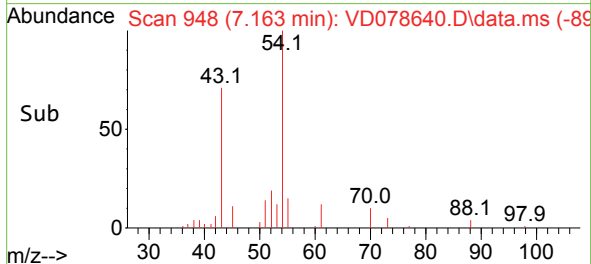
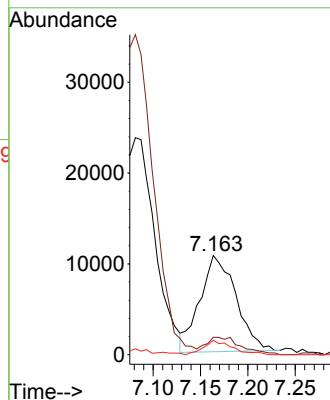
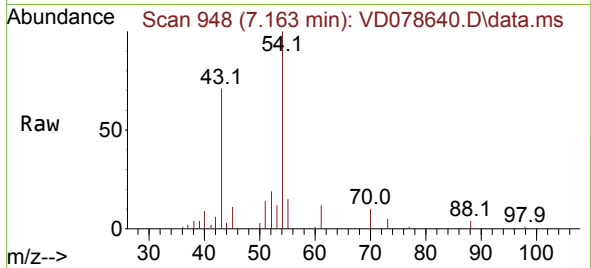




#37
Ethyl Acetate
Concen: 48.816 ug/l
RT: 7.163 min Scan# 949
Delta R.T. -0.005 min
Lab File: VD078640.D
Acq: 12 Mar 2024 16:57

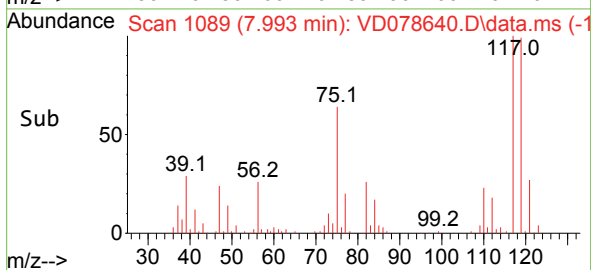
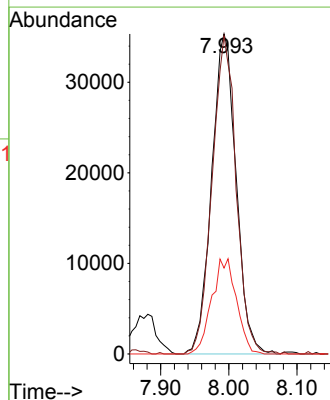
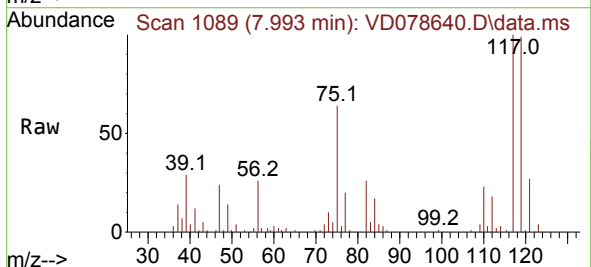
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

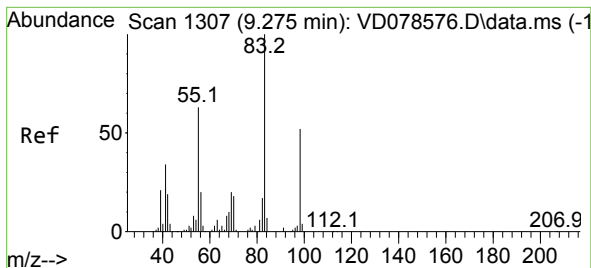
Tgt Ion:	43	Resp:	28093
Ion	Ratio	Lower	Upper
43	100		
61	17.7	14.9	22.3
70	11.7	10.0	15.0



#38
Carbon Tetrachloride
Concen: 47.616 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD078640.D
Acq: 12 Mar 2024 16:57

Tgt Ion:	117	Resp:	88457
Ion	Ratio	Lower	Upper
117	100		
119	99.4	78.0	117.0
121	26.9	24.2	36.2





#39

Methylcyclohexane

Concen: 46.182 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD078640.D

Acq: 12 Mar 2024 16:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

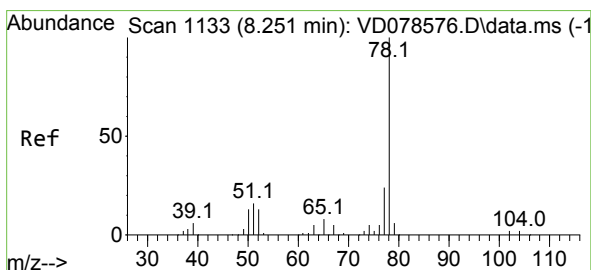
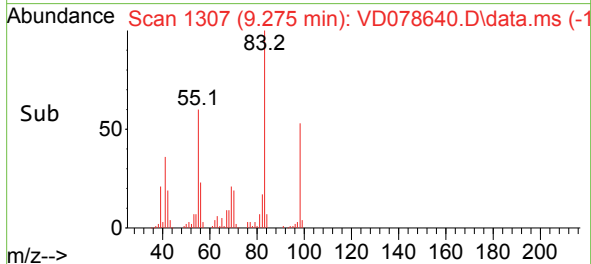
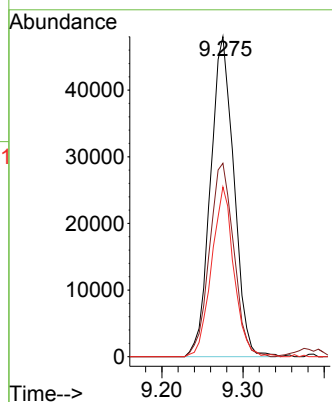
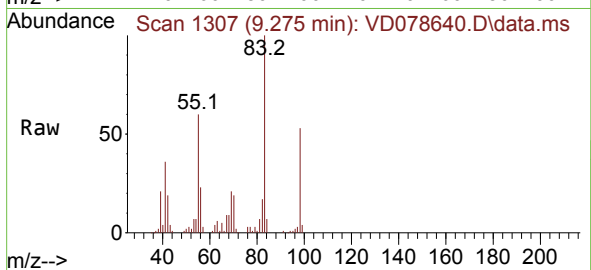
Tgt Ion: 83 Resp: 96272

Ion Ratio Lower Upper

83 100

55 60.5 49.4 74.0

98 53.0 38.4 57.6



#40

Benzene

Concen: 53.045 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD078640.D

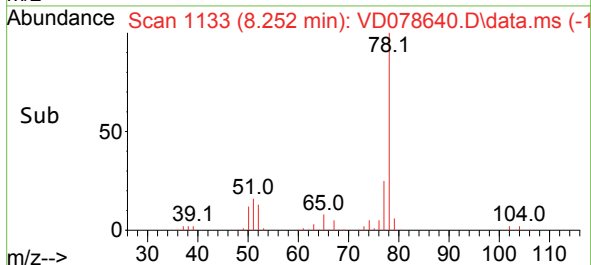
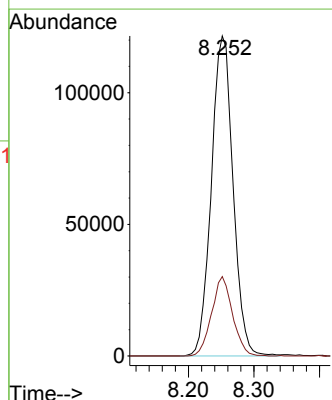
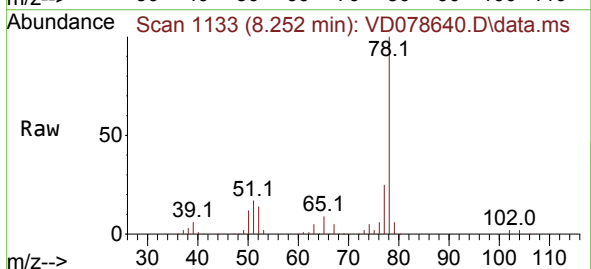
Acq: 12 Mar 2024 16:57

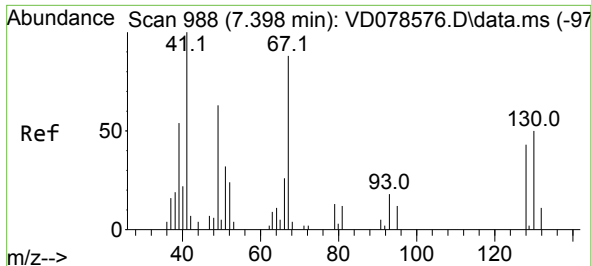
Tgt Ion: 78 Resp: 279255

Ion Ratio Lower Upper

78 100

77 24.8 19.4 29.0

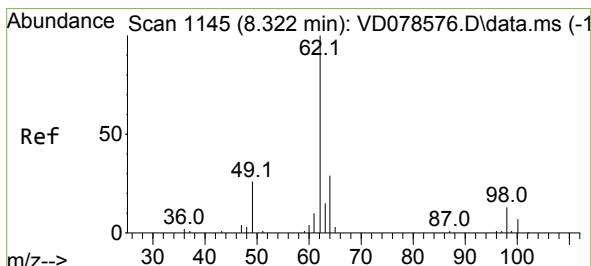
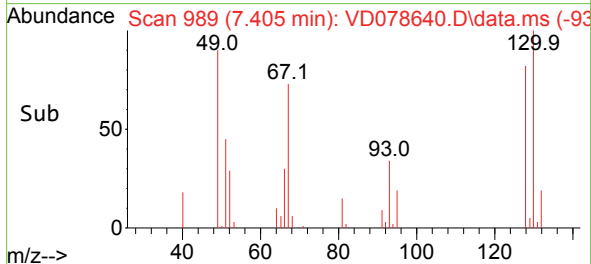
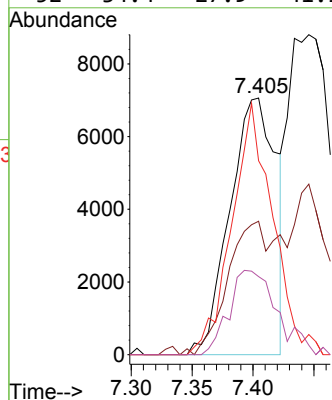
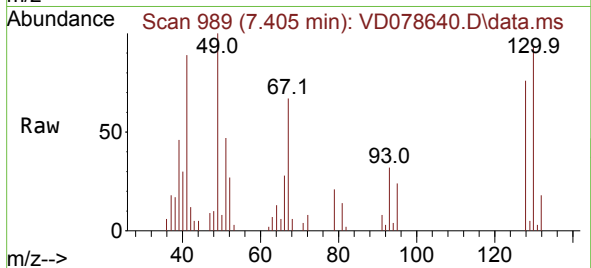




#41
Methacrylonitrile
Concen: 60.428 ug/l
RT: 7.405 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD078640.D
Acq: 12 Mar 2024 16:57

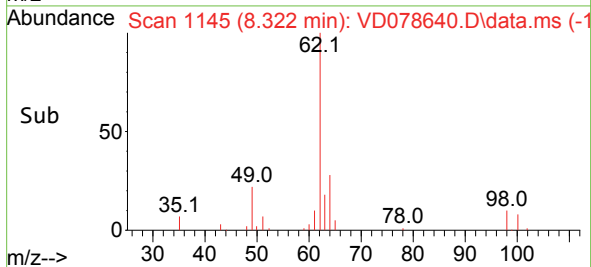
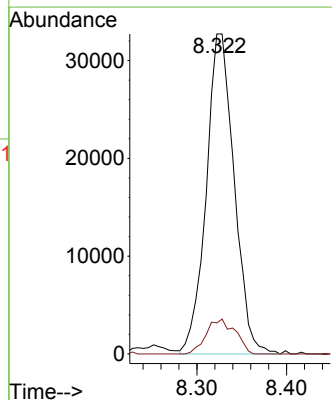
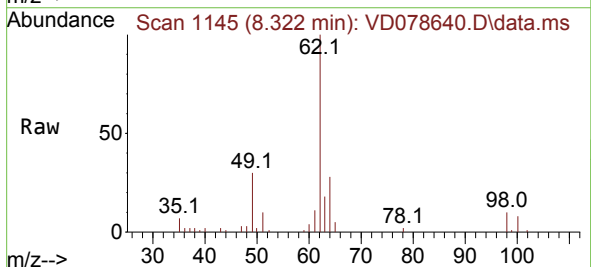
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

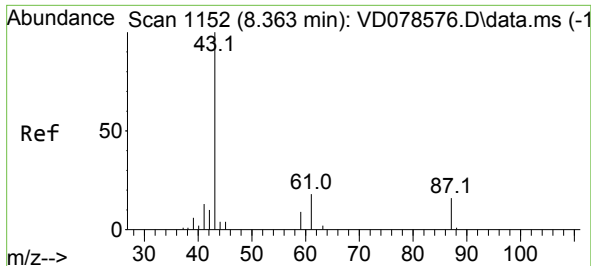
Tgt Ion: 41 Resp: 18639
Ion Ratio Lower Upper
41 100
39 48.4 34.0 51.0
67 86.9 77.0 115.4
52 34.4 27.9 41.9



#42
1,2-Dichloroethane
Concen: 53.108 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VD078640.D
Acq: 12 Mar 2024 16:57

Tgt Ion: 62 Resp: 70930
Ion Ratio Lower Upper
62 100
98 11.3 0.0 25.4

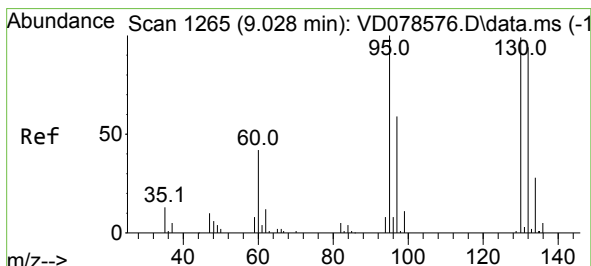
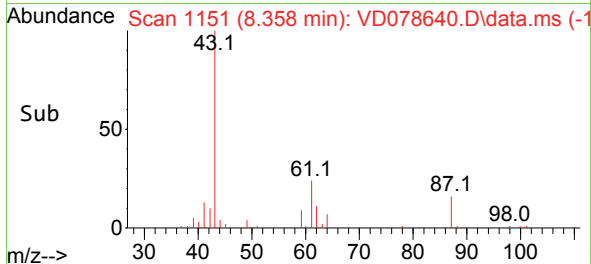
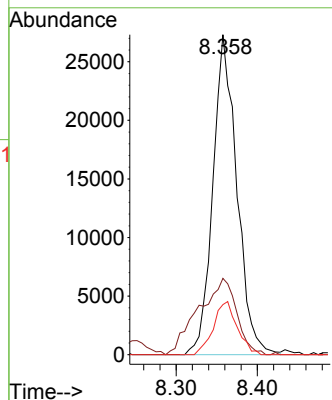
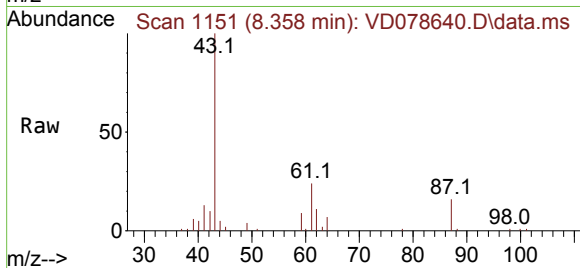




#43
Isopropyl Acetate
Concen: 50.826 ug/l
RT: 8.358 min Scan# 1151
Delta R.T. -0.005 min
Lab File: VD078640.D
Acq: 12 Mar 2024 16:57

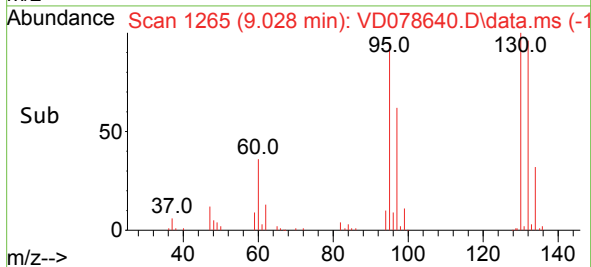
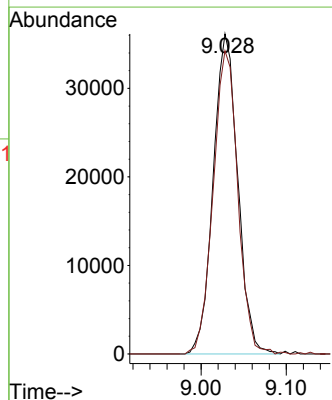
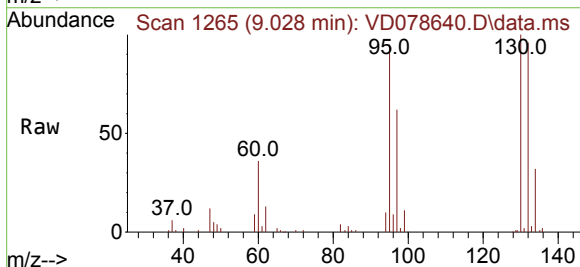
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

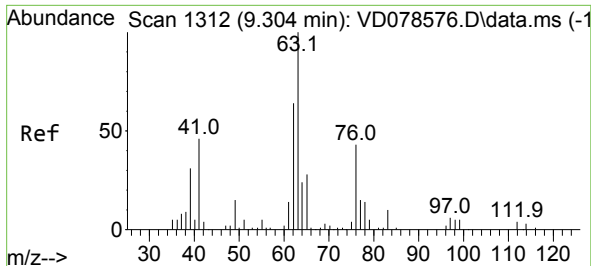
Tgt Ion: 43 Resp: 56077
Ion Ratio Lower Upper
43 100
61 37.9 31.4 47.0
87 16.5 14.9 22.3



#44
Trichloroethene
Concen: 50.029 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD078640.D
Acq: 12 Mar 2024 16:57

Tgt Ion:130 Resp: 72275
Ion Ratio Lower Upper
130 100
95 94.7 0.0 179.2

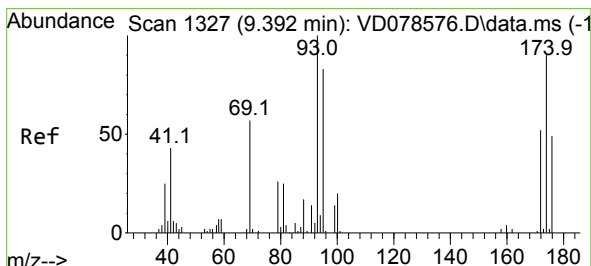
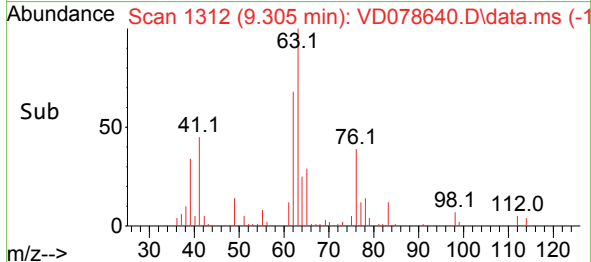
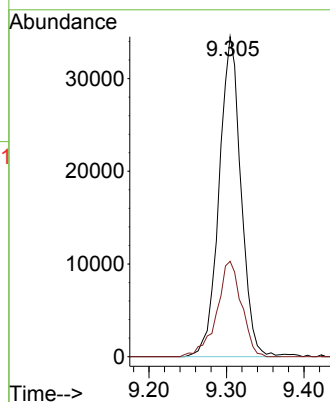
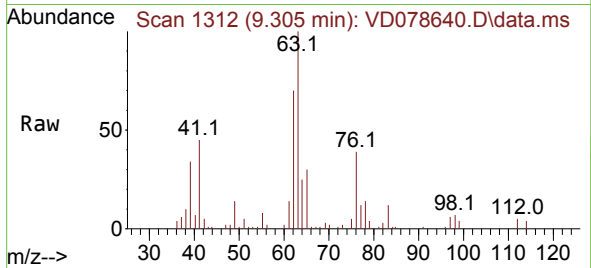




#45
1,2-Dichloropropane
Concen: 53.479 ug/l
RT: 9.305 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078640.D
Acq: 12 Mar 2024 16:57

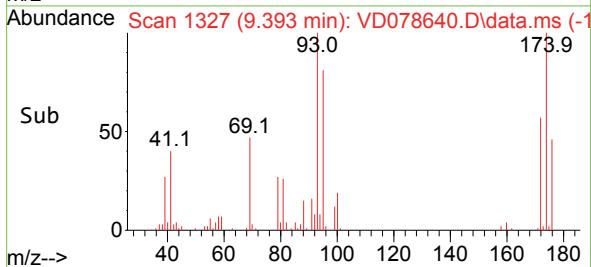
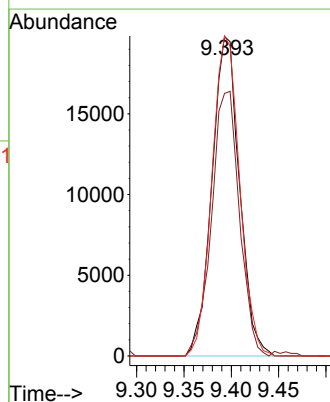
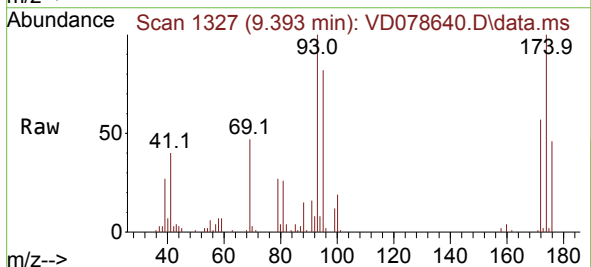
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

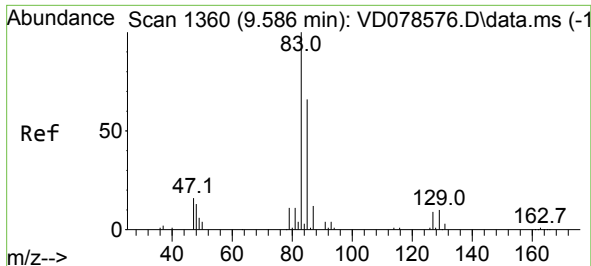
Tgt Ion: 63 Resp: 67632
Ion Ratio Lower Upper
63 100
65 29.8 24.5 36.7



#46
Dibromomethane
Concen: 54.932 ug/l
RT: 9.393 min Scan# 1327
Delta R.T. 0.000 min
Lab File: VD078640.D
Acq: 12 Mar 2024 16:57

Tgt Ion: 93 Resp: 40048
Ion Ratio Lower Upper
93 100
95 83.6 67.7 101.5
174 100.2 85.4 128.2

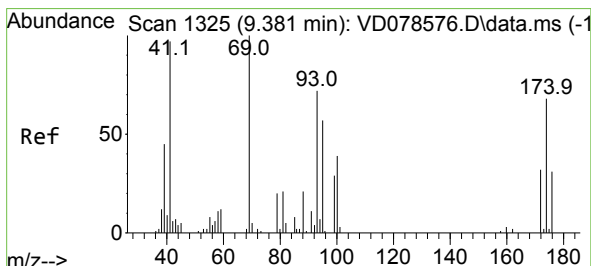
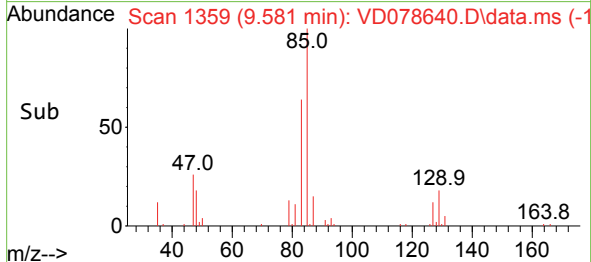
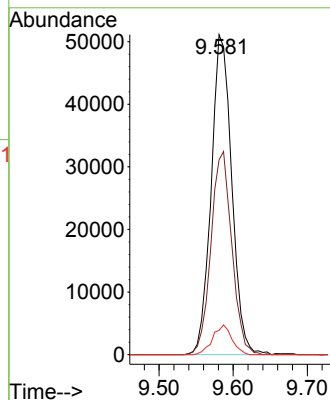
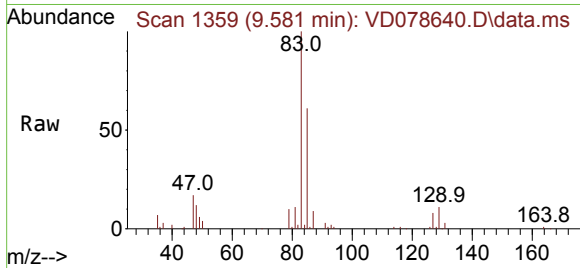




#47
Bromodichloromethane
Concen: 54.845 ug/l
RT: 9.581 min Scan# 1359
Delta R.T. -0.005 min
Lab File: VD078640.D
Acq: 12 Mar 2024 16:57

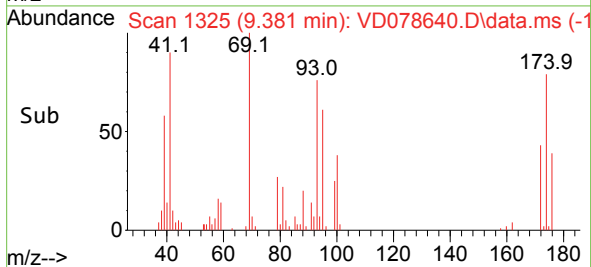
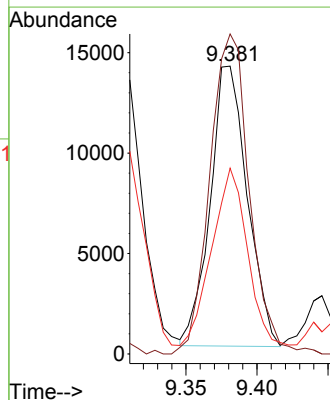
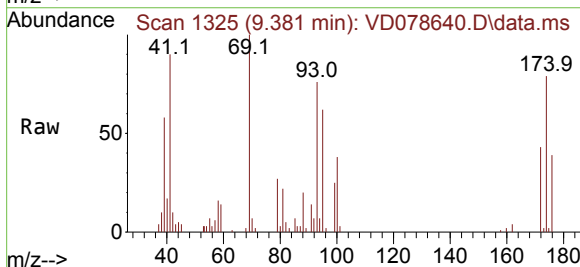
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

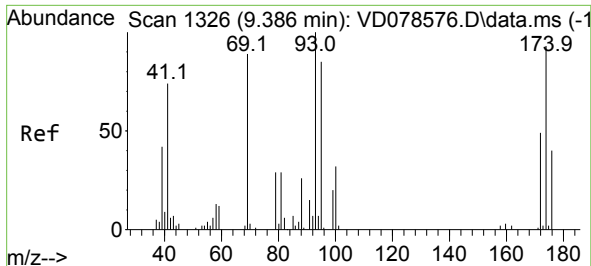
Tgt Ion	83	85	127
Ratio	100	60.9	7.6
Lower		50.2	6.3
Upper		75.4	9.5



#48
Methyl methacrylate
Concen: 50.673 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD078640.D
Acq: 12 Mar 2024 16:57

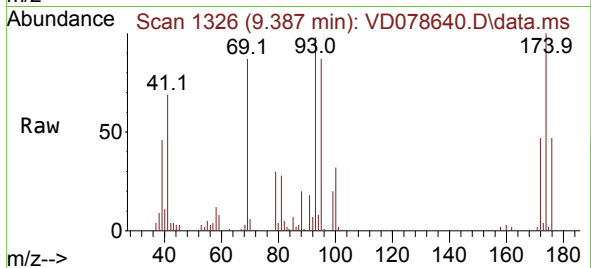
Tgt Ion	41	69	39
Ratio	100	121.8	67.6
Lower		102.2	41.4
Upper		153.2	62.2



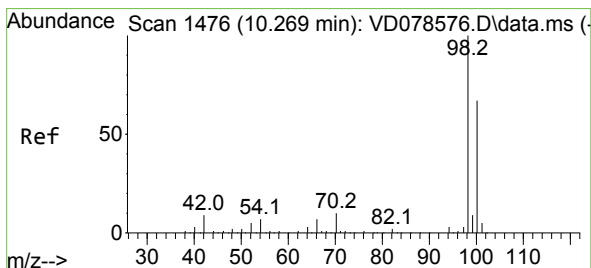
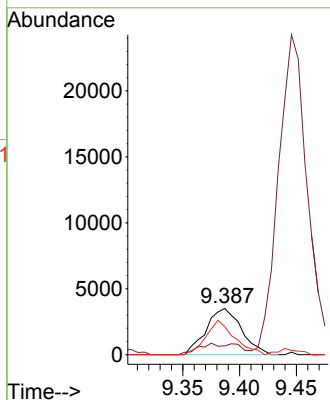
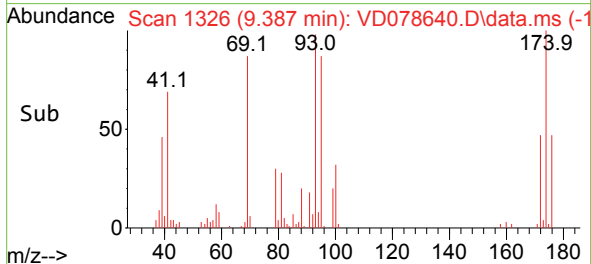


#49
1,4-Dioxane
Concen: 946.075 ug/l
RT: 9.387 min Scan# 11
Delta R.T. 0.001 min
Lab File: VD078640.D
Acq: 12 Mar 2024 16:57

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

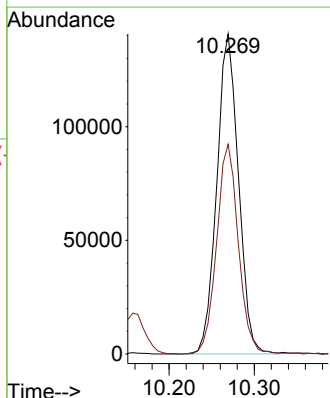
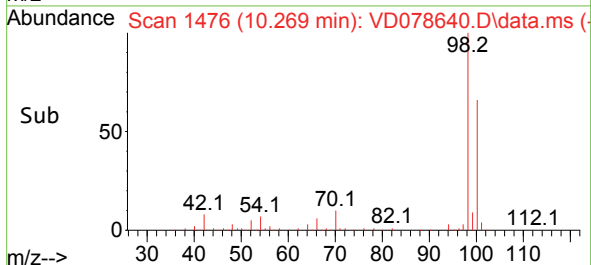
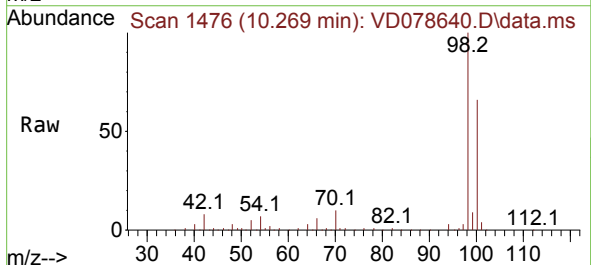


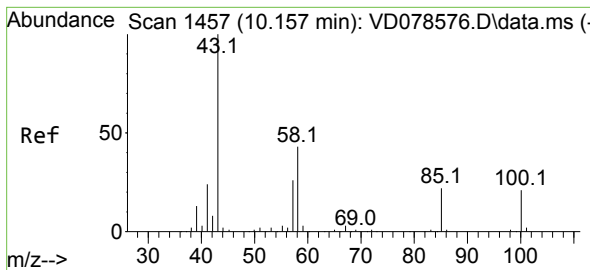
Tgt Ion: 88 Resp: 7570
Ion Ratio Lower Upper
88 100
43 0.0 19.0 28.6#
58 59.6 43.5 65.3



#50
Toluene-d8
Concen: 49.852 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078640.D
Acq: 12 Mar 2024 16:57

Tgt Ion: 98 Resp: 248637
Ion Ratio Lower Upper
98 100
100 65.7 50.3 75.5

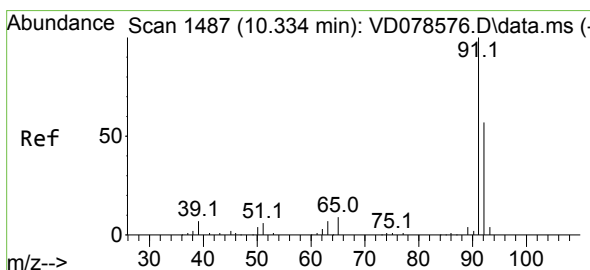
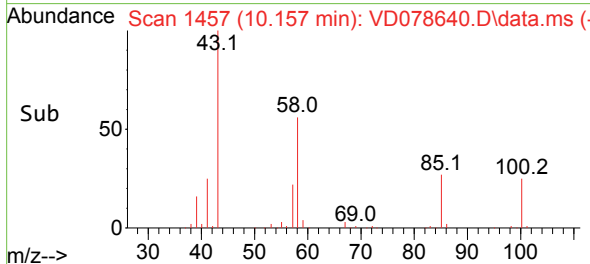
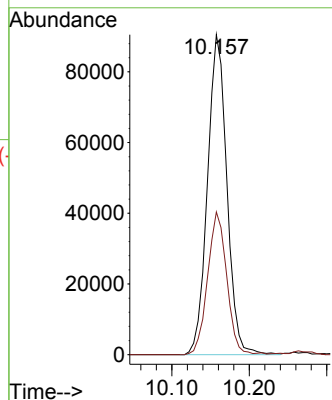
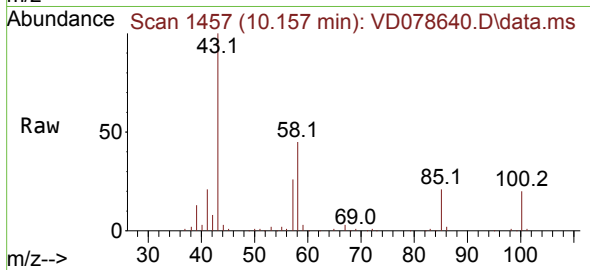




#51
4-Methyl-2-Pentanone
Concen: 276.980 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD078640.D
Acq: 12 Mar 2024 16:57

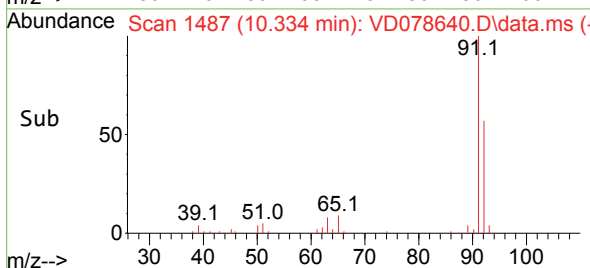
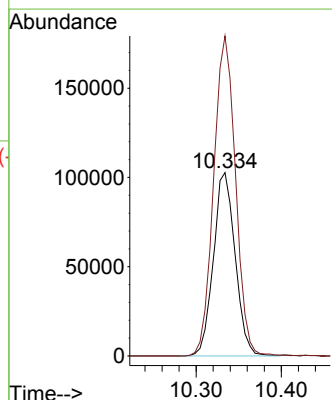
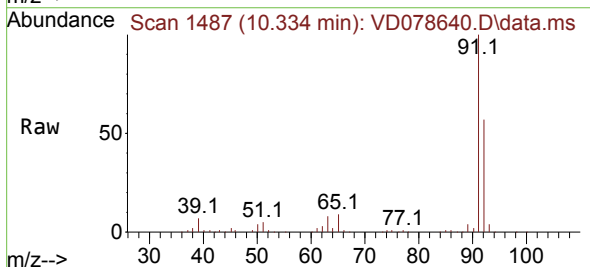
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

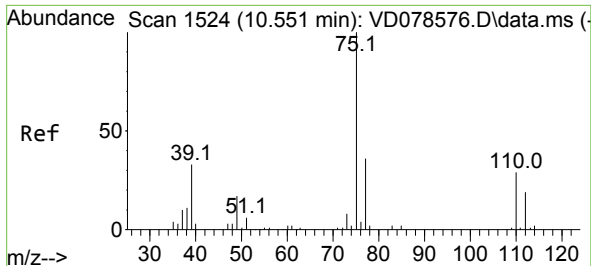
Tgt Ion: 43 Resp: 157734
Ion Ratio Lower Upper
43 100
58 44.1 38.9 58.3



#52
Toluene
Concen: 53.986 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078640.D
Acq: 12 Mar 2024 16:57

Tgt Ion: 92 Resp: 182362
Ion Ratio Lower Upper
92 100
91 175.7 143.0 214.4

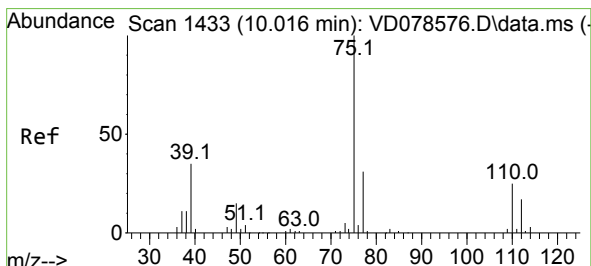
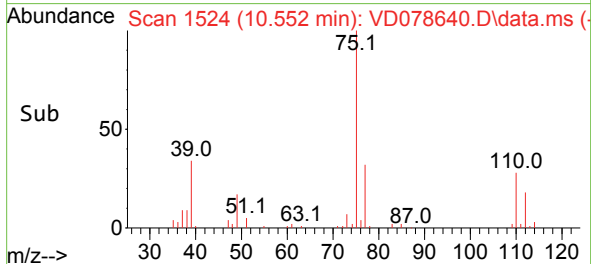
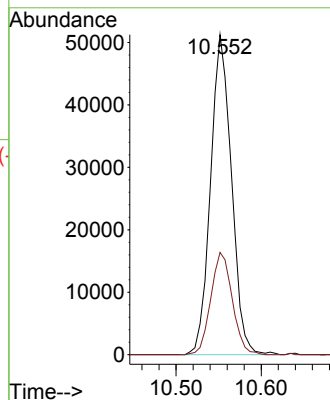
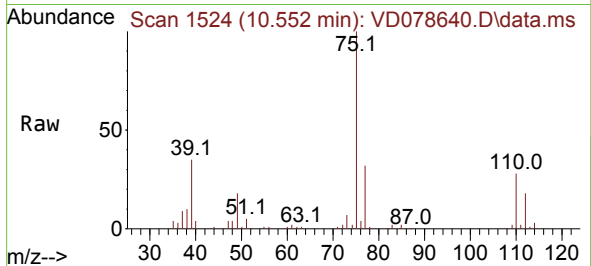




#53
t-1,3-Dichloropropene
Concen: 52.678 ug/l
RT: 10.552 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VD078640.D
Acq: 12 Mar 2024 16:57

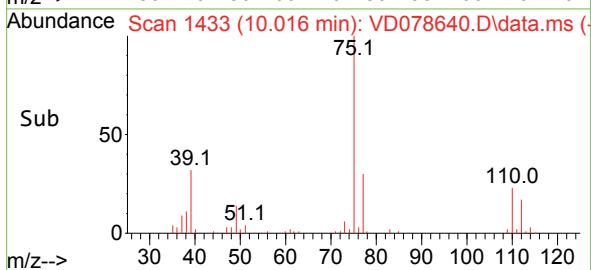
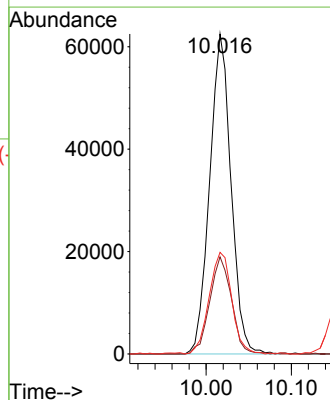
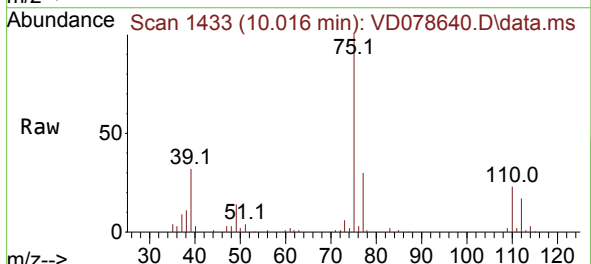
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

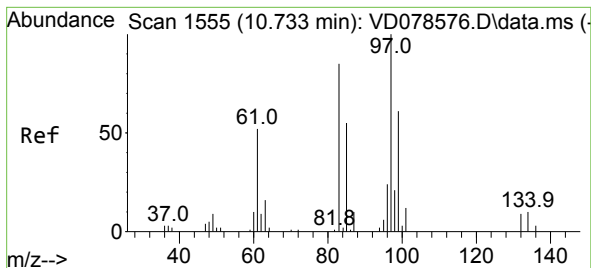
Tgt Ion: 75 Resp: 87604
Ion Ratio Lower Upper
75 100
77 32.0 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 54.771 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD078640.D
Acq: 12 Mar 2024 16:57

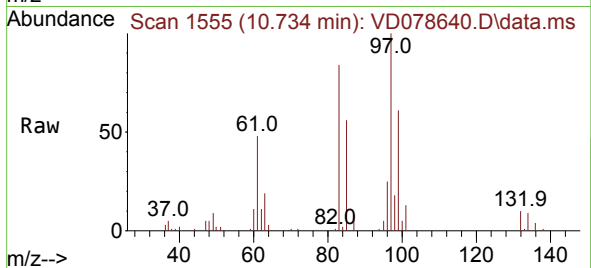
Tgt Ion: 75 Resp: 109056
Ion Ratio Lower Upper
75 100
77 30.3 25.5 38.3
39 31.4 22.1 33.1



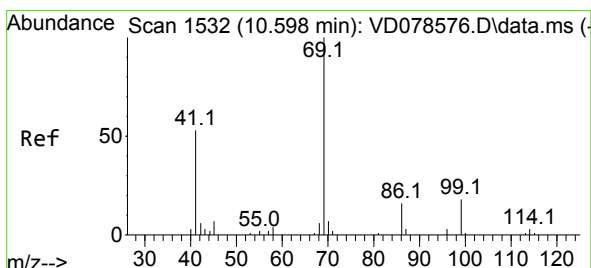
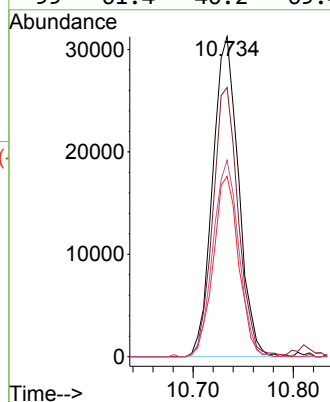
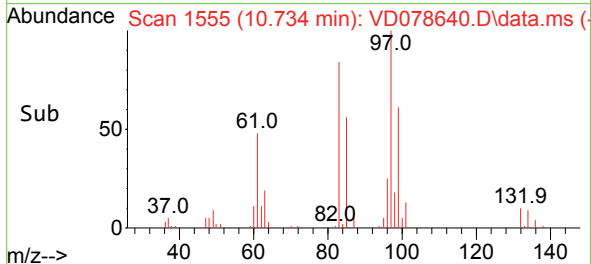


#55
1,1,2-Trichloroethane
Concen: 54.400 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD078640.D
Acq: 12 Mar 2024 16:57

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

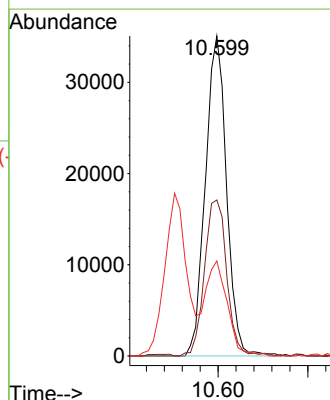
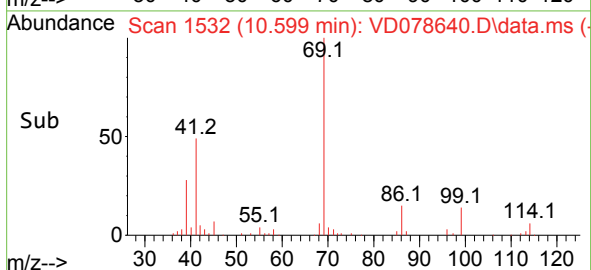
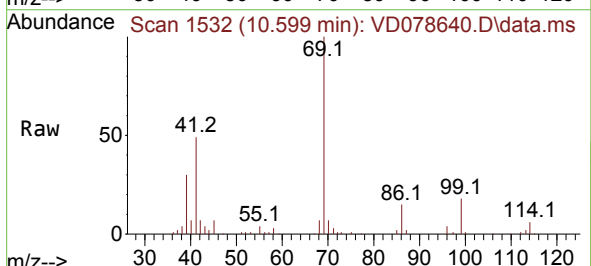


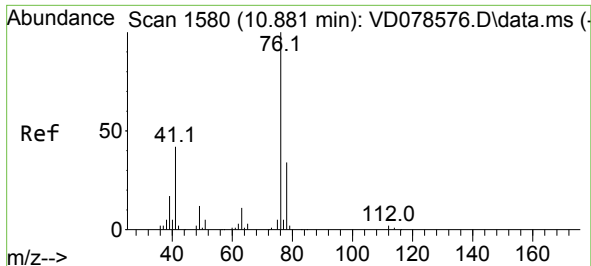
Tgt Ion:	97	Resp:	55845
Ion	Ratio	Lower	Upper
97	100		
83	84.1	65.8	98.6
85	56.4	45.7	68.5
99	61.4	46.2	69.4



#56
Ethyl methacrylate
Concen: 55.769 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD078640.D
Acq: 12 Mar 2024 16:57

Tgt Ion:	69	Resp:	57381
Ion	Ratio	Lower	Upper
69	100		
41	51.7	39.1	58.7
39	31.8	20.0	30.0#





#57

1,3-Dichloropropane

Concen: 53.408 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD078640.D

Acq: 12 Mar 2024 16:57

Instrument :

MSVOA_D

ClientSampleId :

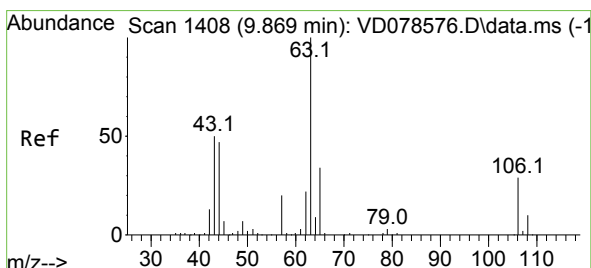
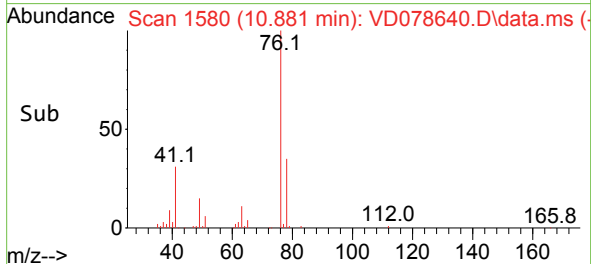
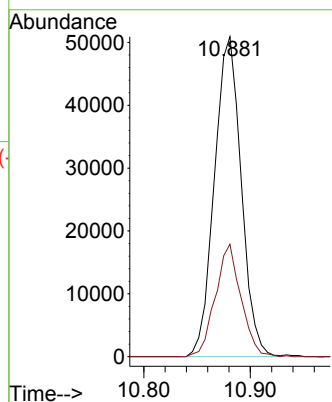
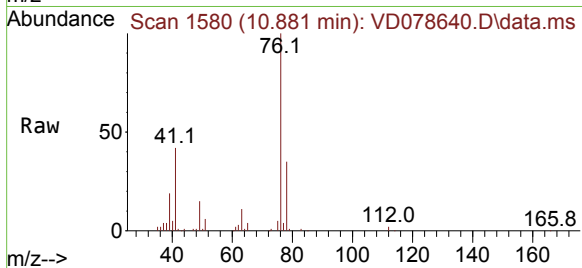
VSTDCCC050EC

Tgt Ion: 76 Resp: 88847

Ion Ratio Lower Upper

76 100

78 33.6 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 276.838 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD078640.D

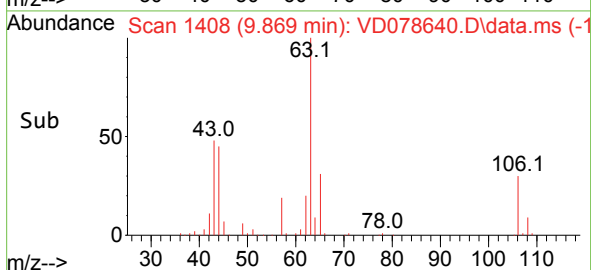
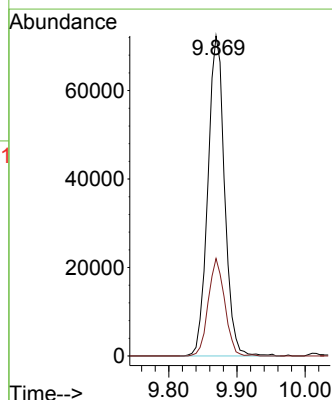
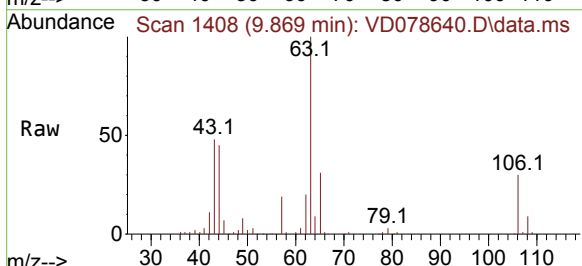
Acq: 12 Mar 2024 16:57

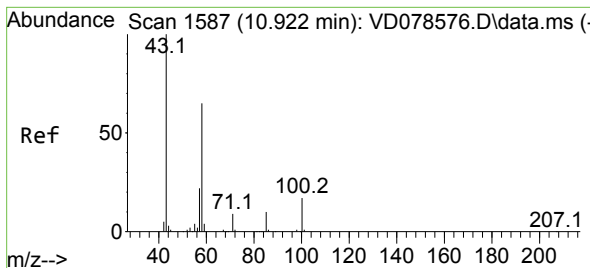
Tgt Ion: 63 Resp: 123442

Ion Ratio Lower Upper

63 100

106 30.0 25.3 37.9

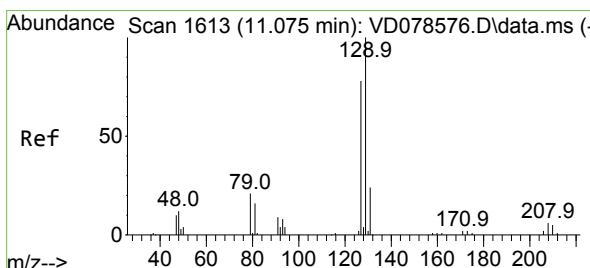
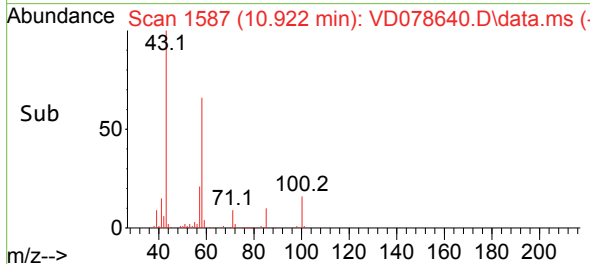
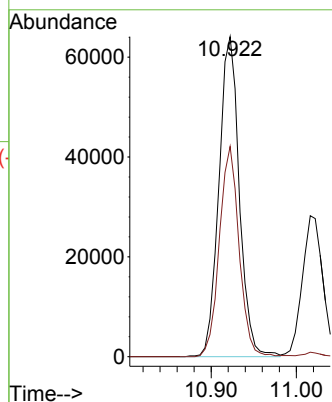
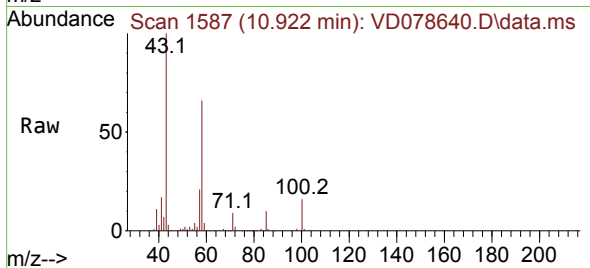




#59
2-Hexanone
Concen: 252.795 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078640.D
Acq: 12 Mar 2024 16:57

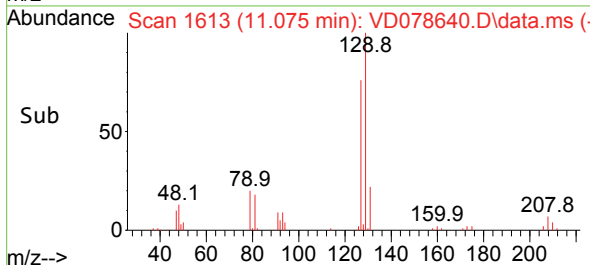
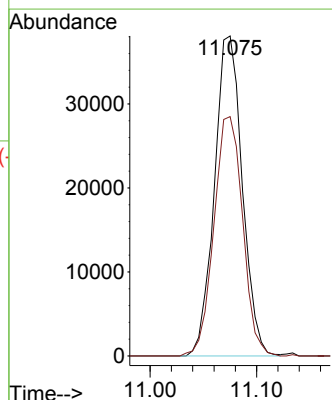
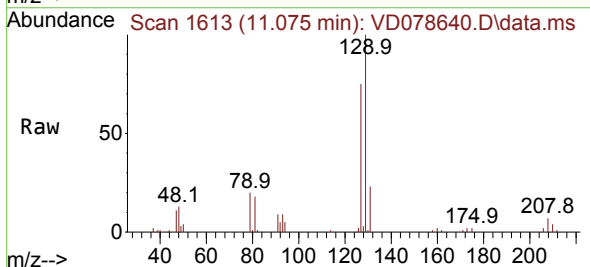
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

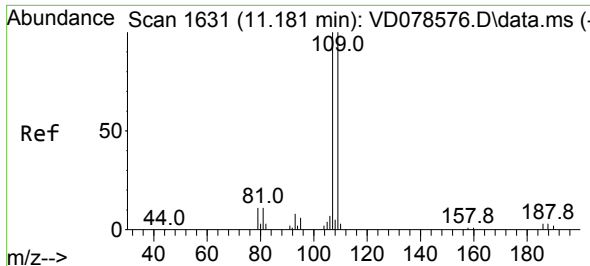
Tgt Ion: 43 Resp: 106779
Ion Ratio Lower Upper
43 100
58 63.5 34.1 102.2



#60
Dibromochloromethane
Concen: 55.856 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078640.D
Acq: 12 Mar 2024 16:57

Tgt Ion: 129 Resp: 69236
Ion Ratio Lower Upper
129 100
127 77.1 37.1 111.5

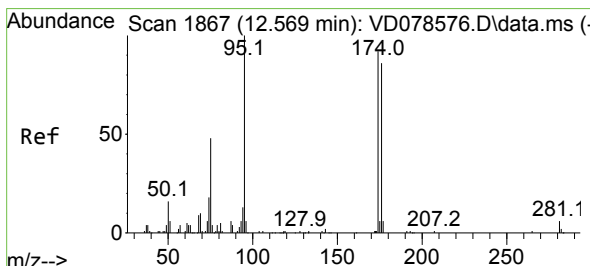
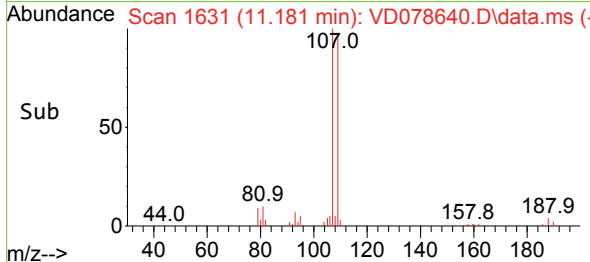
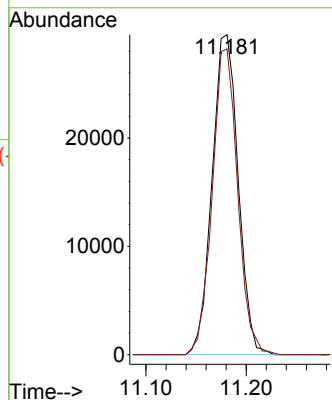
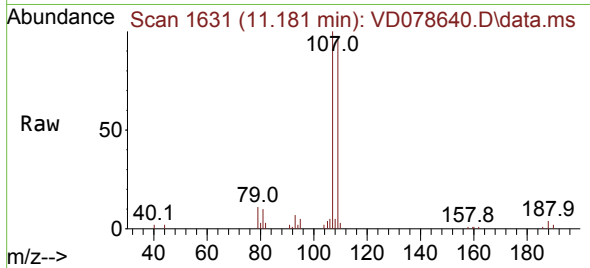




#61
1,2-Dibromoethane
Concen: 56.550 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD078640.D
Acq: 12 Mar 2024 16:57

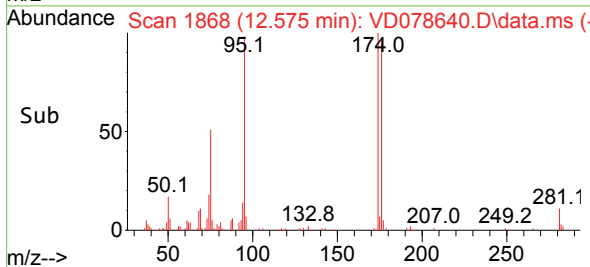
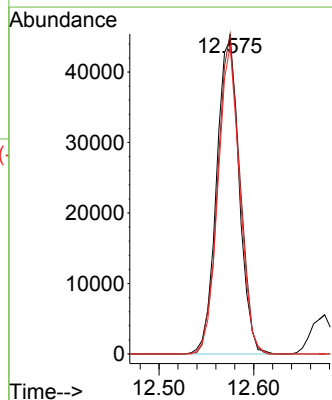
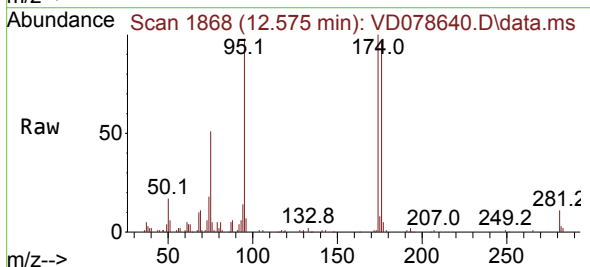
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

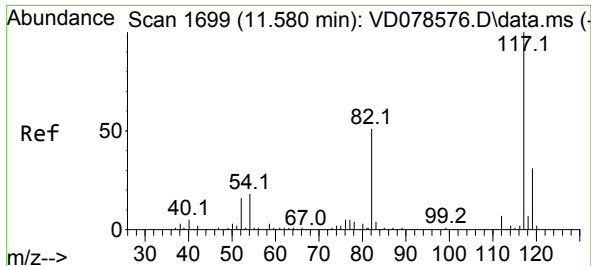
Tgt Ion:107 Resp: 53278
Ion Ratio Lower Upper
107 100
109 93.1 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 52.133 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD078640.D
Acq: 12 Mar 2024 16:57

Tgt Ion: 95 Resp: 74265
Ion Ratio Lower Upper
95 100
174 99.1 0.0 201.8
176 93.8 0.0 191.8

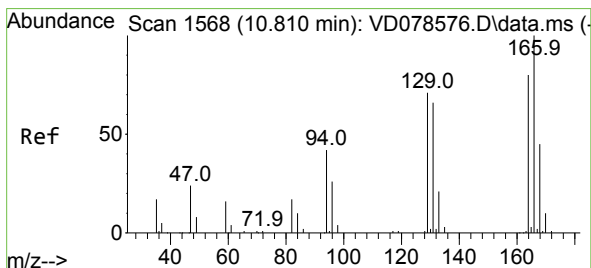
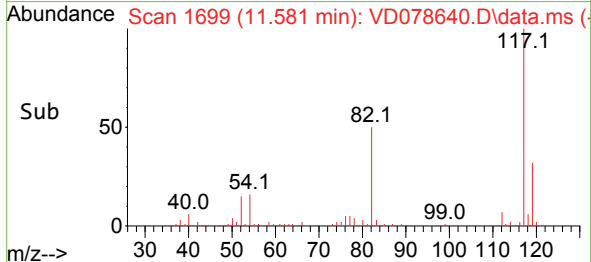
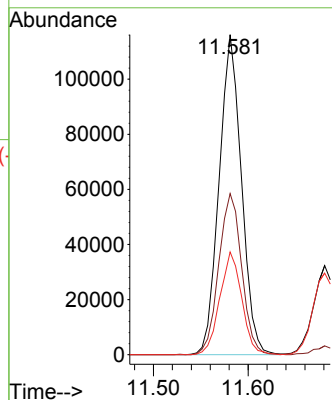
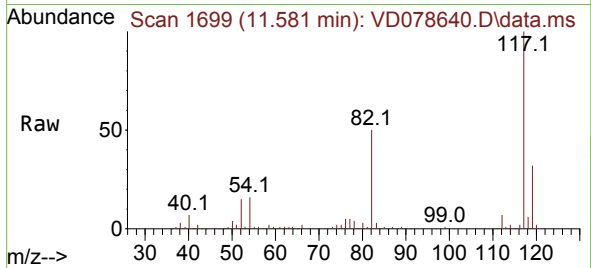




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD078640.D
Acq: 12 Mar 2024 16:57

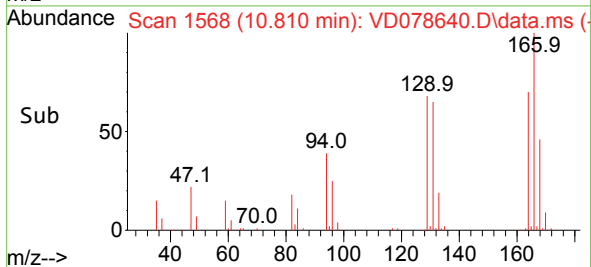
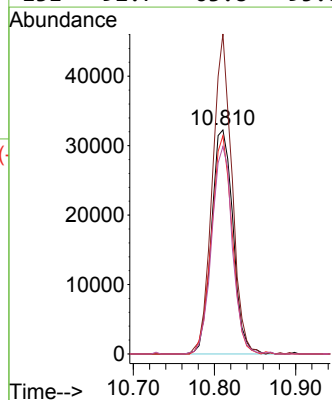
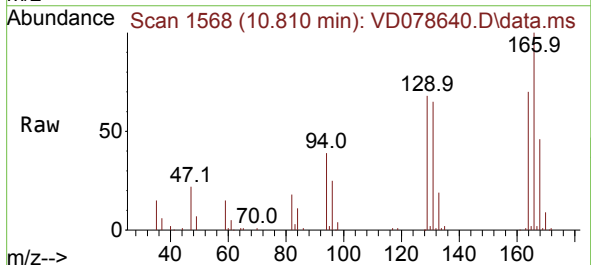
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

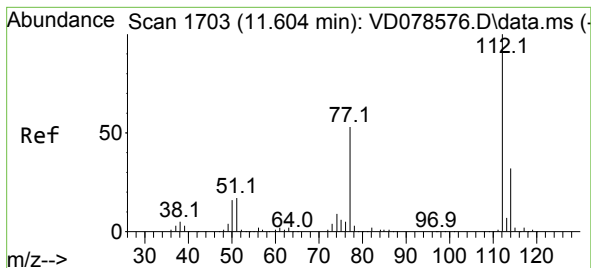
Tgt Ion:117 Resp: 190305
Ion Ratio Lower Upper
117 100
82 50.2 38.3 57.5
119 32.1 25.0 37.4



#64
Tetrachloroethene
Concen: 49.845 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD078640.D
Acq: 12 Mar 2024 16:57

Tgt Ion:164 Resp: 59684
Ion Ratio Lower Upper
164 100
166 142.8 99.2 148.8
129 97.4 68.4 102.6
131 92.7 63.8 95.8





#65

Chlorobenzene

Concen: 52.512 ug/l

RT: 11.604 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078640.D

Acq: 12 Mar 2024 16:57

Instrument :

MSVOA_D

ClientSampleId :

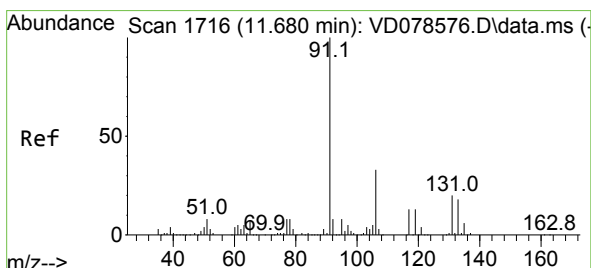
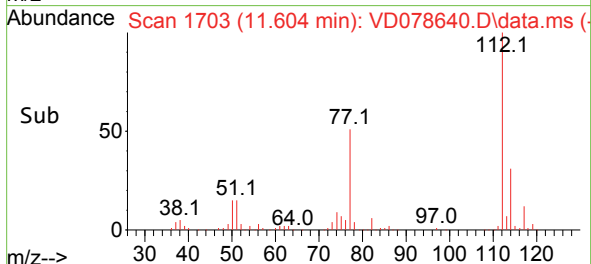
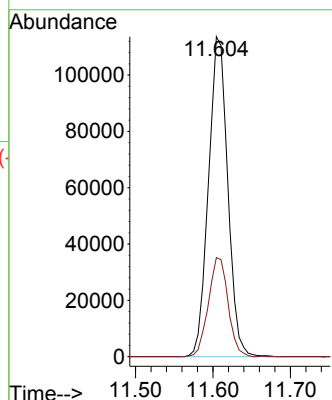
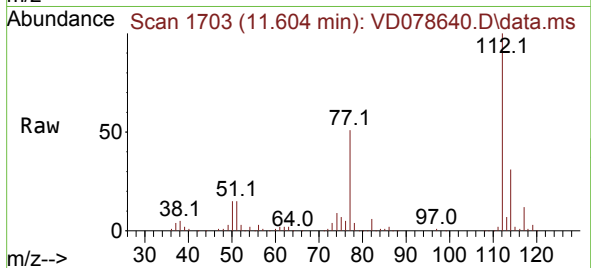
VSTDCCC050EC

Tgt Ion:112 Resp: 196794

Ion Ratio Lower Upper

112 100

114 31.0 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 53.800 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD078640.D

Acq: 12 Mar 2024 16:57

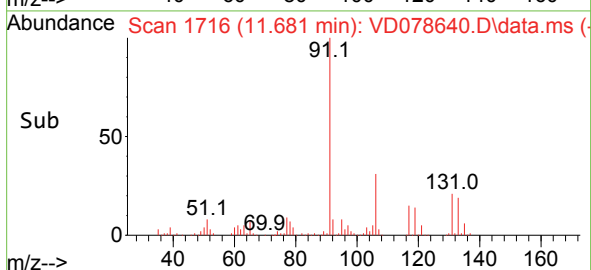
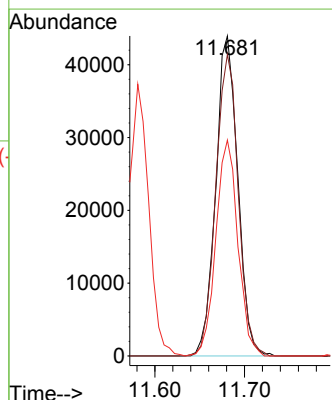
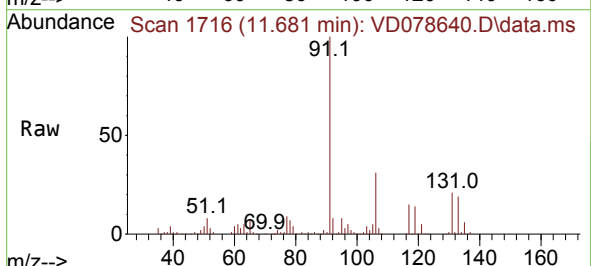
Tgt Ion:131 Resp: 75059

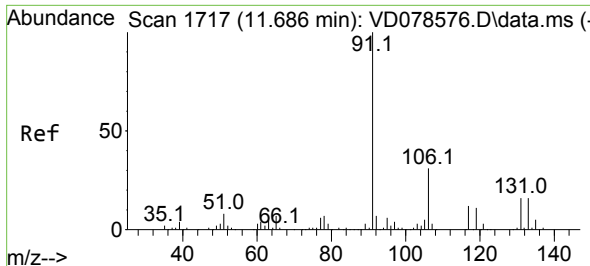
Ion Ratio Lower Upper

131 100

133 95.9 48.5 145.5

119 67.4 35.6 106.9

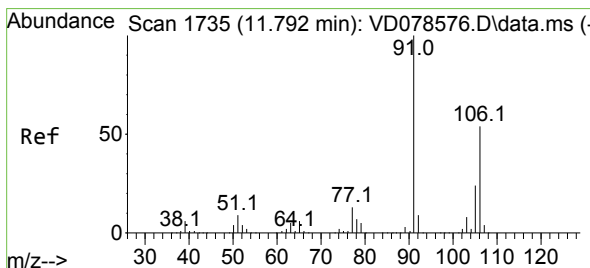
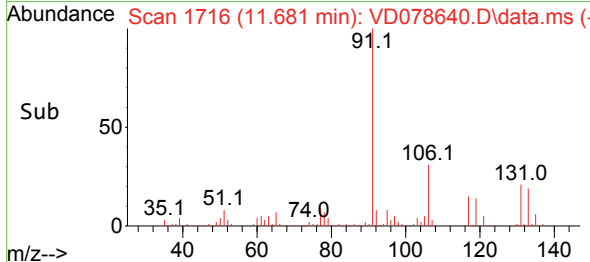
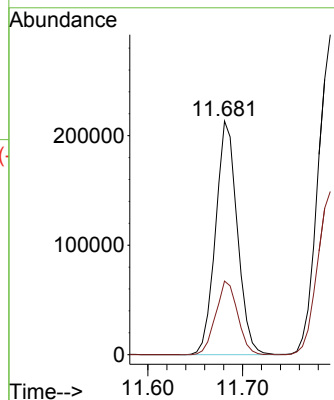
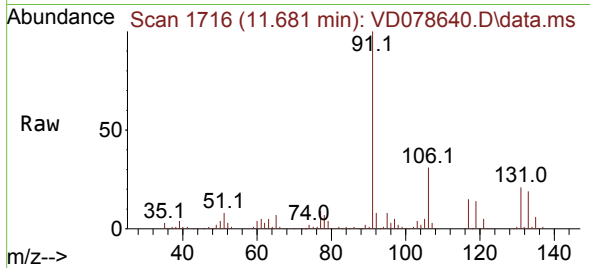




#67
Ethyl Benzene
Concen: 52.405 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.005 min
Lab File: VD078640.D
Acq: 12 Mar 2024 16:57

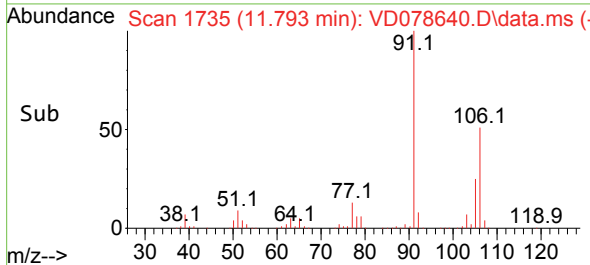
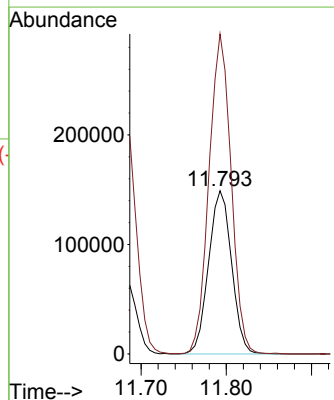
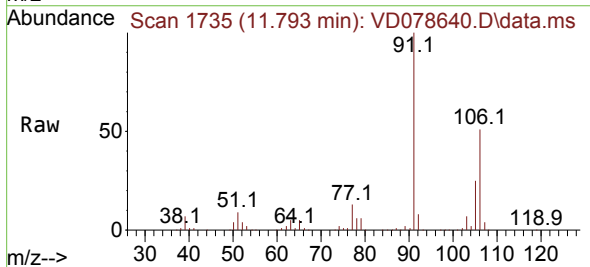
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

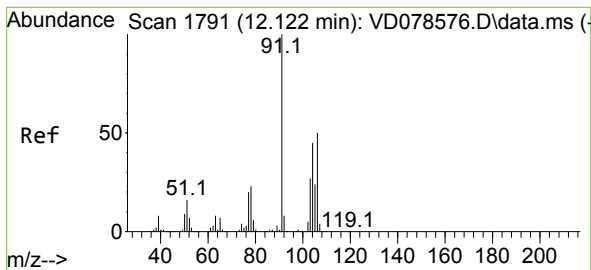
Tgt Ion: 91 Resp: 340286
Ion Ratio Lower Upper
91 100
106 31.5 26.5 39.7



#68
m/p-Xylenes
Concen: 106.362 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD078640.D
Acq: 12 Mar 2024 16:57

Tgt Ion: 106 Resp: 279411
Ion Ratio Lower Upper
106 100
91 189.2 147.0 220.6





#69

o-Xylene

Concen: 55.117 ug/l

RT: 12.122 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VD078640.D

Acq: 12 Mar 2024 16:57

Instrument :

MSVOA_D

ClientSampleId :

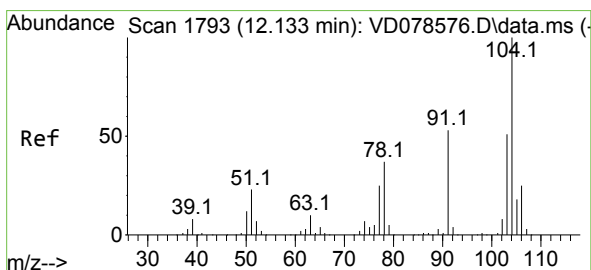
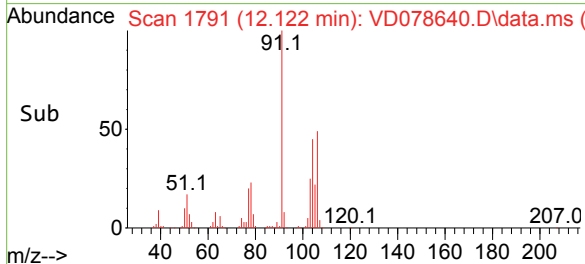
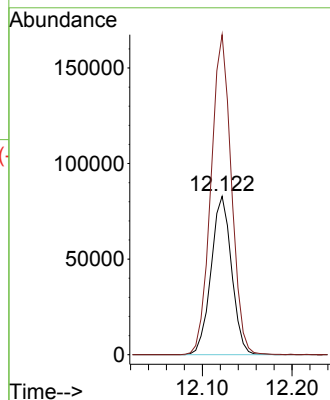
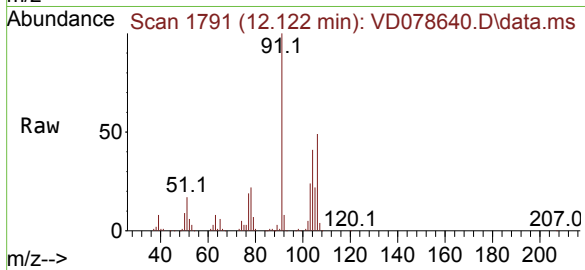
VSTDCCC050EC

Tgt Ion:106 Resp: 131353

Ion Ratio Lower Upper

106 100

91 201.2 97.9 293.6



#70

Styrene

Concen: 55.872 ug/l

RT: 12.134 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VD078640.D

Acq: 12 Mar 2024 16:57

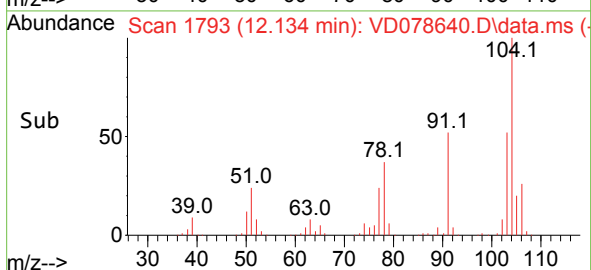
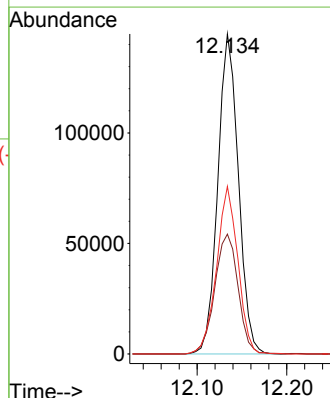
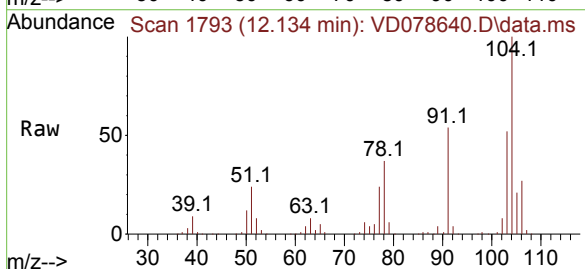
Tgt Ion:104 Resp: 230798

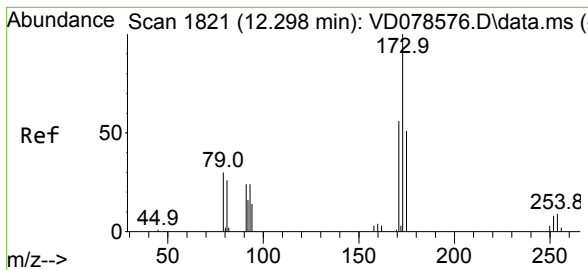
Ion Ratio Lower Upper

104 100

78 42.5 33.2 49.8

103 54.1 43.6 65.4

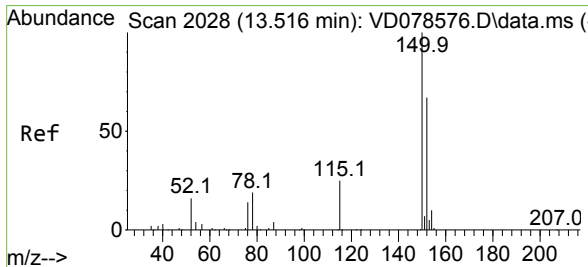
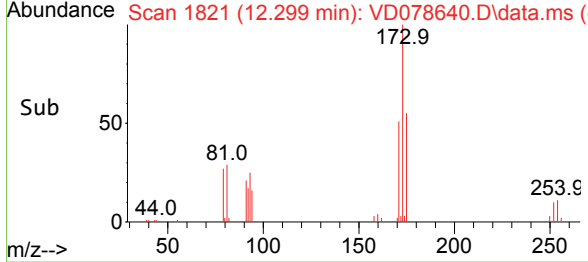
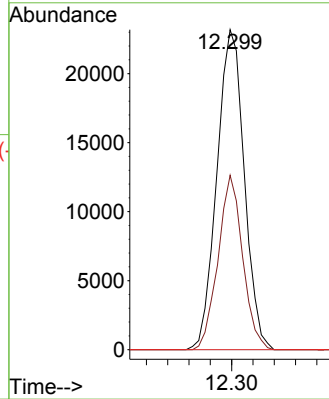
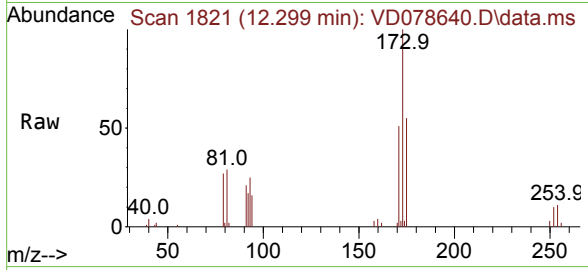




#71
Bromoform
Concen: 55.633 ug/l
RT: 12.299 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD078640.D
Acq: 12 Mar 2024 16:57

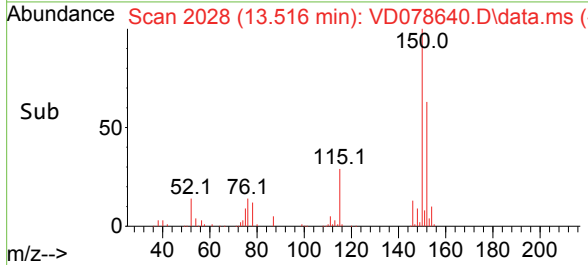
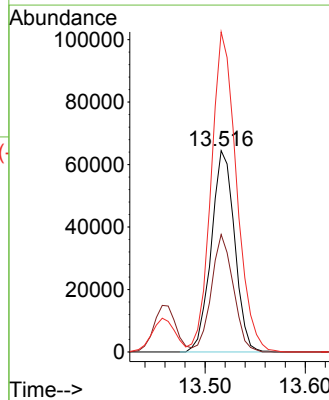
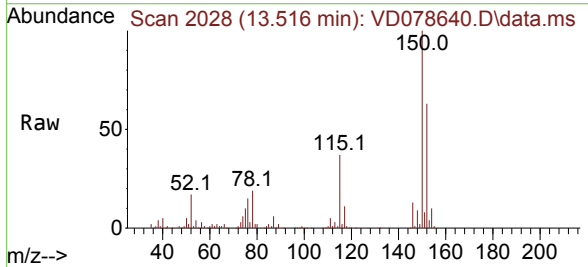
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

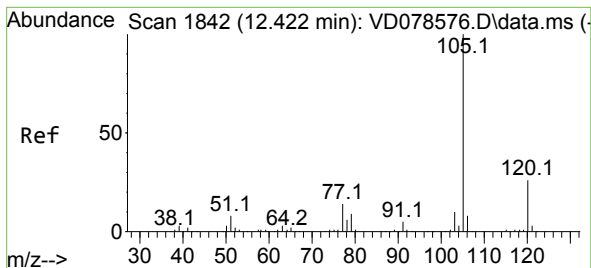
Tgt Ion:173 Resp: 41291
Ion Ratio Lower Upper
173 100
175 49.0 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD078640.D
Acq: 12 Mar 2024 16:57

Tgt Ion:152 Resp: 104374
Ion Ratio Lower Upper
152 100
115 54.9 27.1 81.3
150 172.8 0.0 353.6





#73

Isopropylbenzene

Concen: 48.995 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD078640.D

Acq: 12 Mar 2024 16:57

Instrument :

MSVOA_D

ClientSampleId :

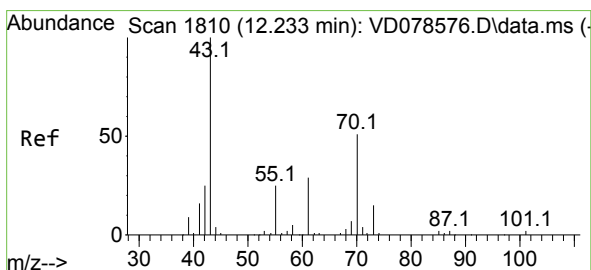
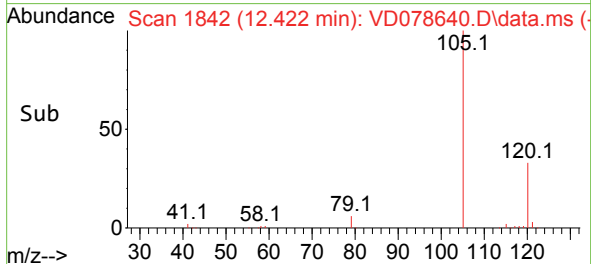
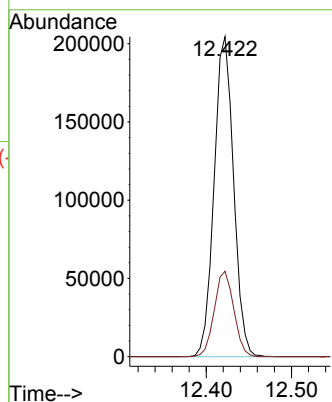
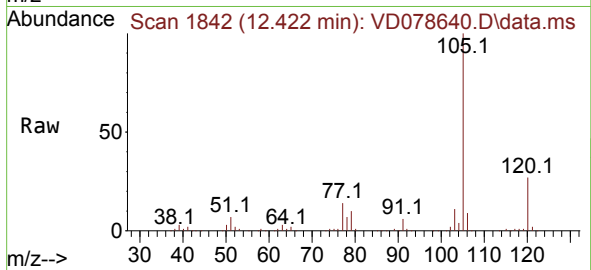
VSTDCCC050EC

Tgt Ion:105 Resp: 324161

Ion Ratio Lower Upper

105 100

120 26.7 14.3 42.9



#74

N-ethyl acetate

Concen: 50.536 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VD078640.D

Acq: 12 Mar 2024 16:57

Tgt Ion: 43 Resp: 56277

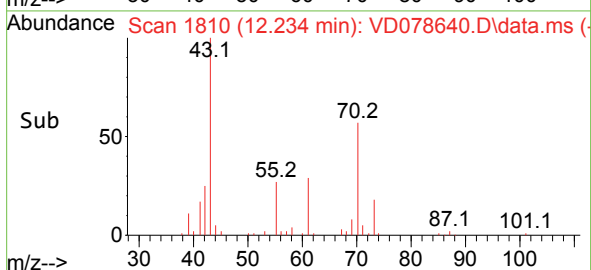
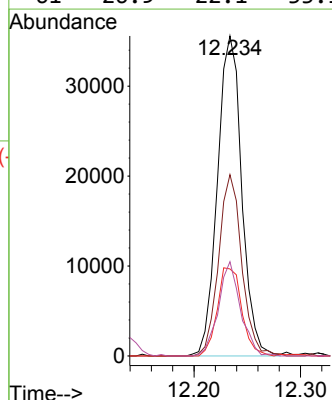
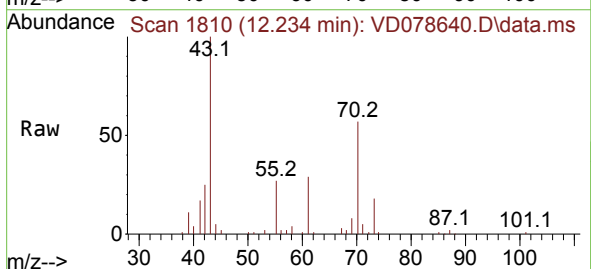
Ion Ratio Lower Upper

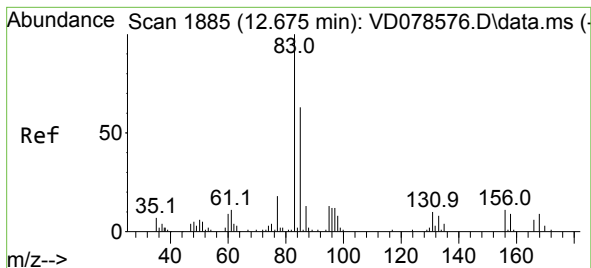
43 100

70 54.2 45.0 67.4

55 27.7 23.8 35.6

61 26.9 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 49.543 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VD078640.D

Acq: 12 Mar 2024 16:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

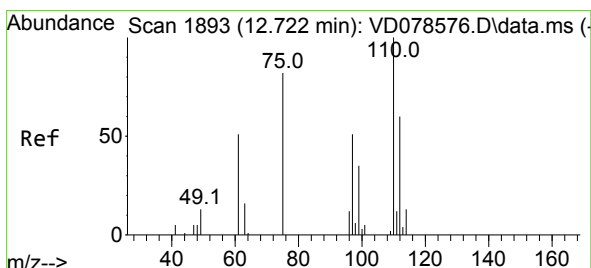
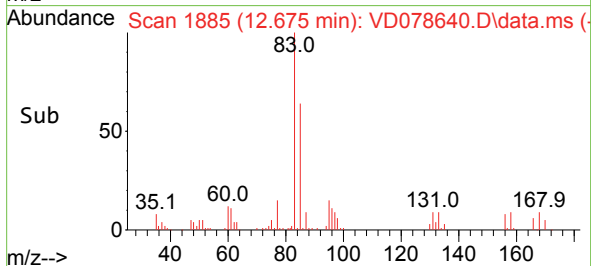
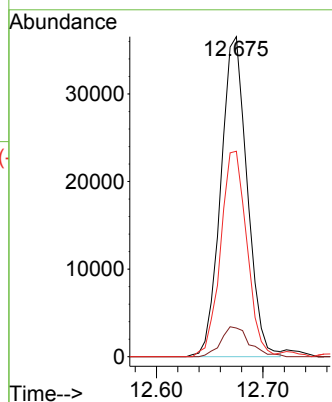
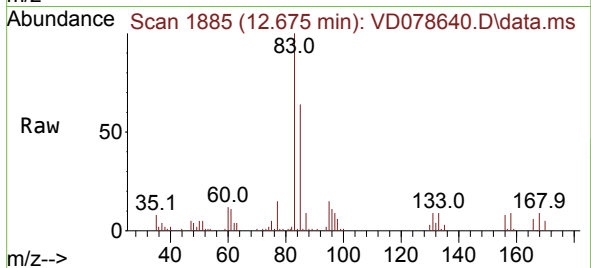
Tgt Ion: 83 Resp: 62794

Ion Ratio Lower Upper

83 100

131 10.1 5.1 15.3

85 63.8 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 90.859 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VD078640.D

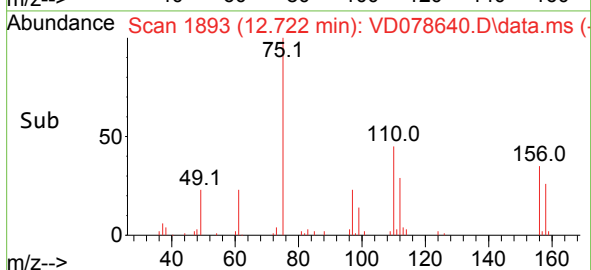
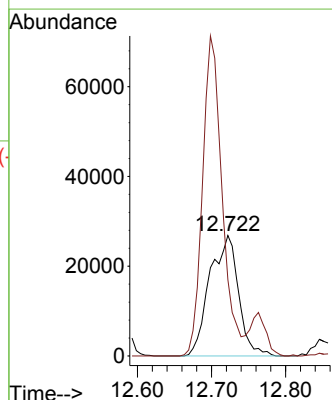
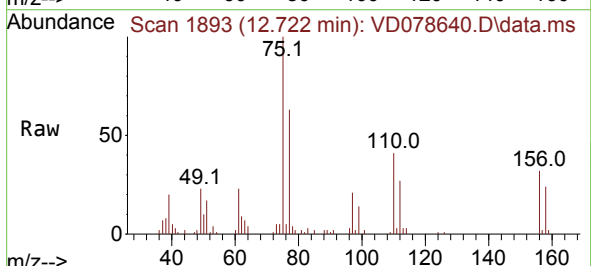
Acq: 12 Mar 2024 16:57

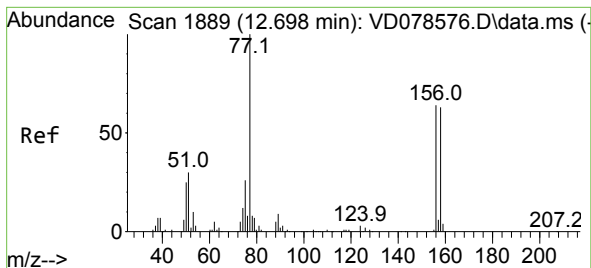
Tgt Ion: 75 Resp: 72428

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.659 ug/l

RT: 12.704 min Scan# 1889

Delta R.T. 0.006 min

Lab File: VD078640.D

Acq: 12 Mar 2024 16:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

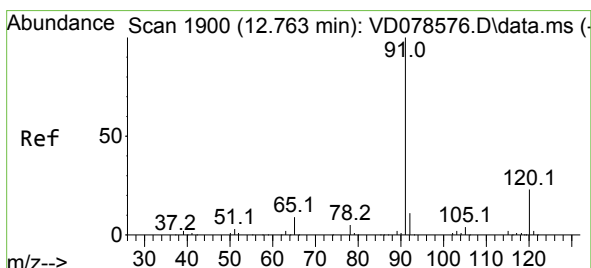
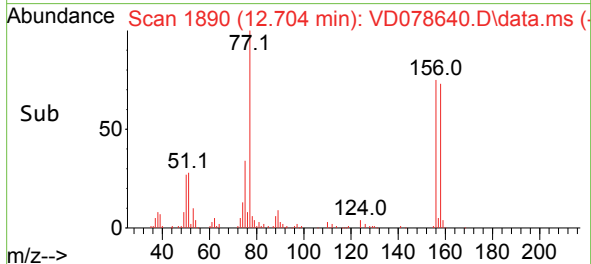
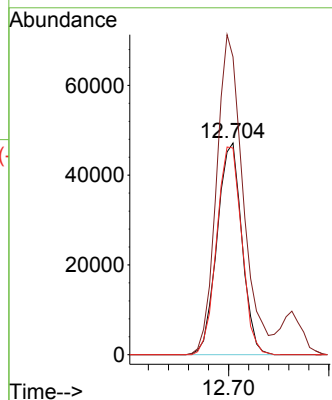
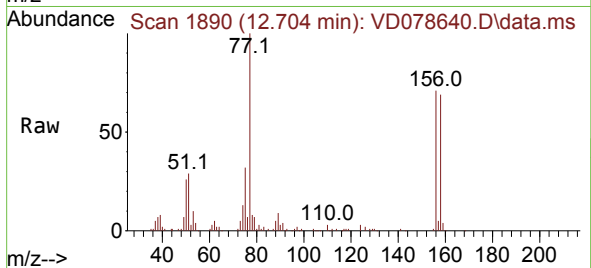
Tgt Ion:156 Resp: 81060

Ion Ratio Lower Upper

156 100

77 160.7 76.8 230.4

158 99.1 48.6 145.9



#78

n-propylbenzene

Concen: 49.339 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD078640.D

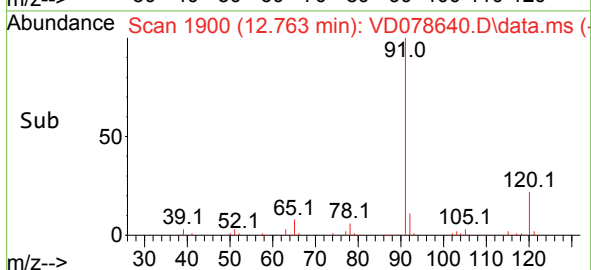
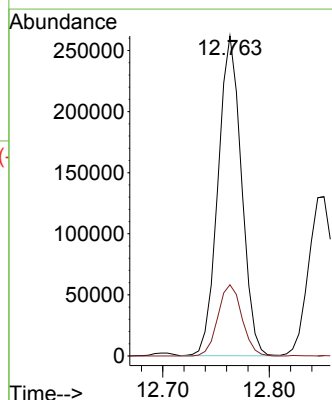
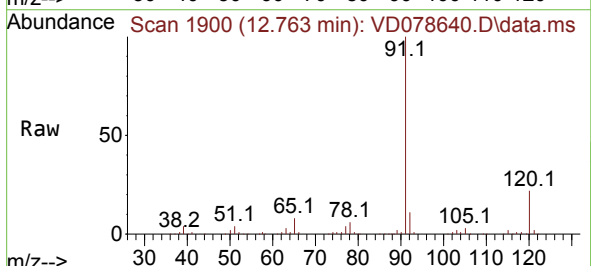
Acq: 12 Mar 2024 16:57

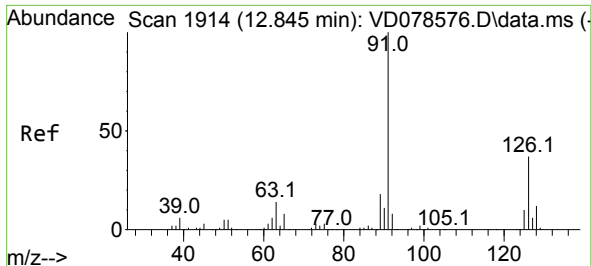
Tgt Ion: 91 Resp: 399296

Ion Ratio Lower Upper

91 100

120 22.8 12.4 37.2





#79

2-Chlorotoluene

Concen: 49.740 ug/l

RT: 12.851 min Scan# 1914

Delta R.T. 0.006 min

Lab File: VD078640.D

Acq: 12 Mar 2024 16:57

Instrument :

MSVOA_D

ClientSampleId :

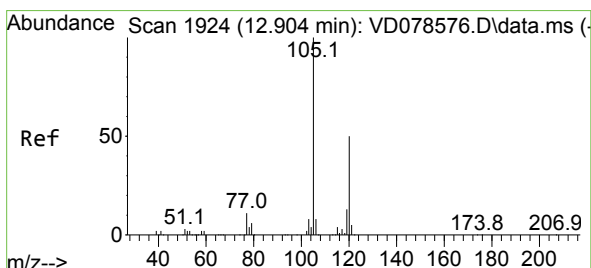
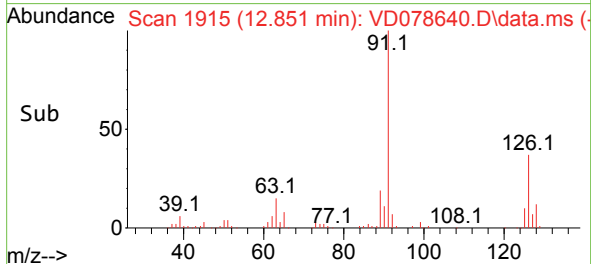
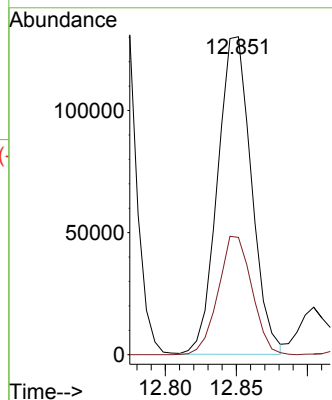
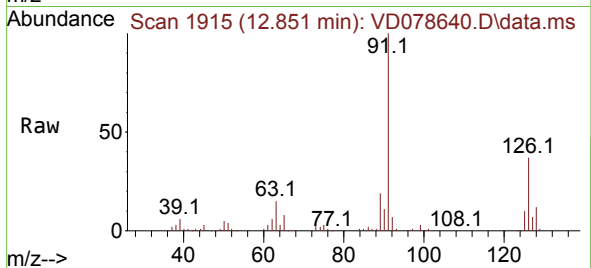
VSTDCCC050EC

Tgt Ion: 91 Resp: 216013

Ion Ratio Lower Upper

91 100

126 37.1 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 50.654 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD078640.D

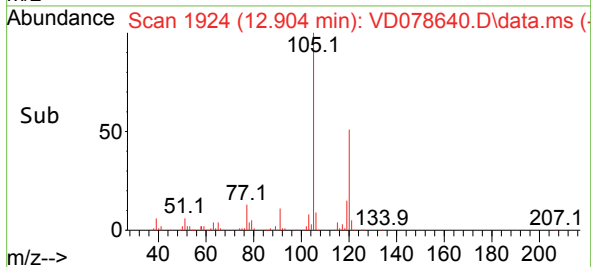
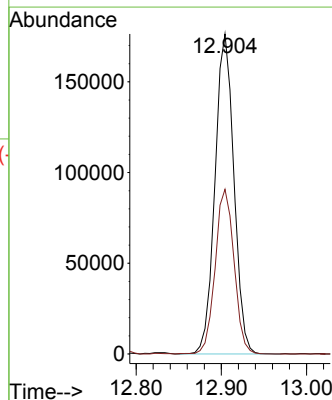
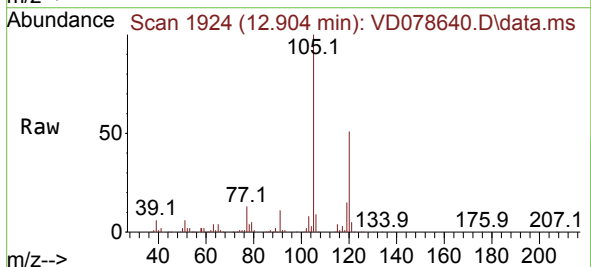
Acq: 12 Mar 2024 16:57

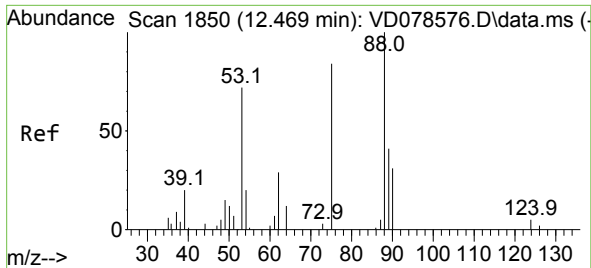
Tgt Ion:105 Resp: 272714

Ion Ratio Lower Upper

105 100

120 51.3 26.4 79.2

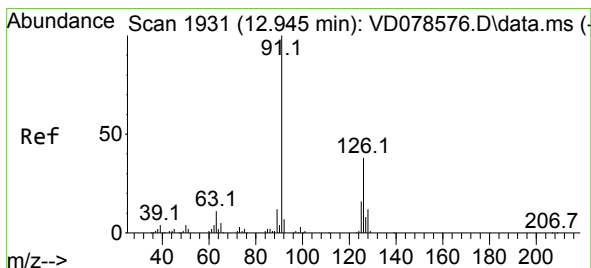
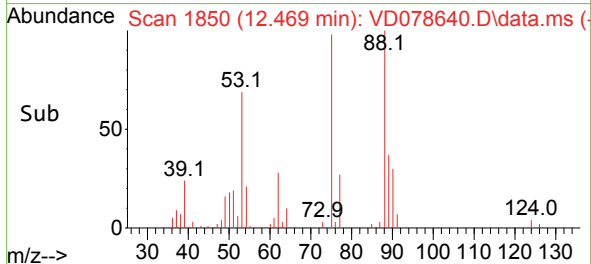
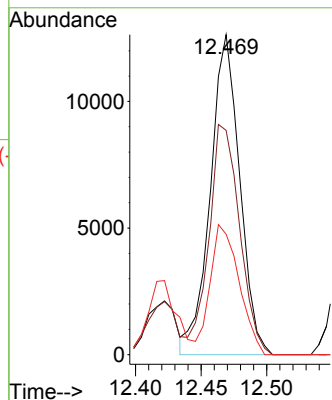
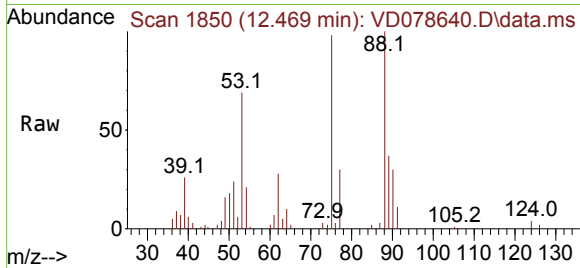




#81
trans-1,4-Dichloro-2-butene
Concen: 52.851 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078640.D
Acq: 12 Mar 2024 16:57

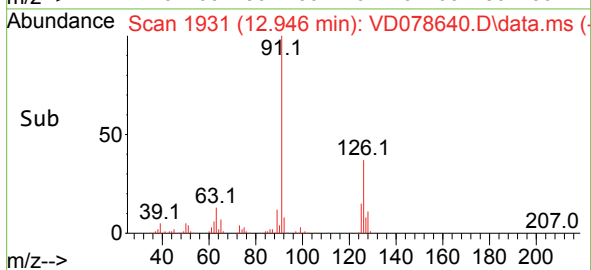
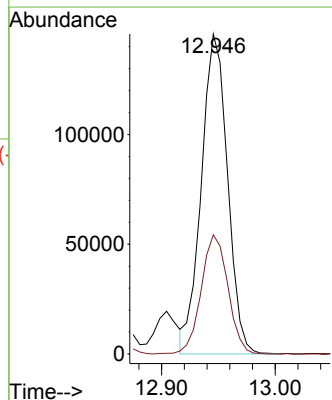
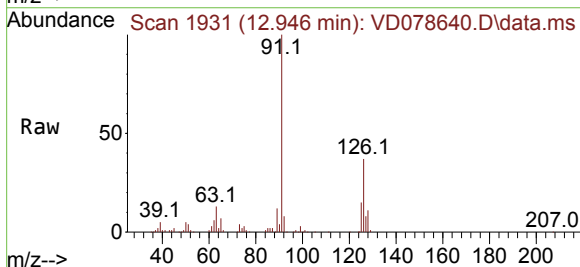
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

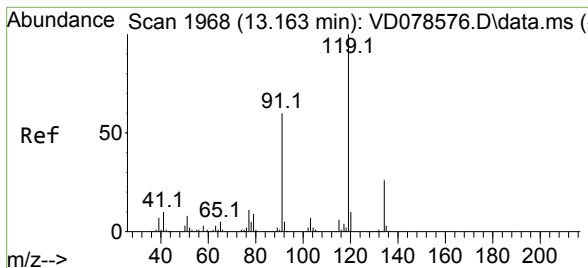
Tgt Ion	Ratio	Lower	Upper
75	100		
53	74.7	63.0	94.4
89	39.8	37.9	56.9



#82
4-Chlorotoluene
Concen: 50.458 ug/l
RT: 12.946 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078640.D
Acq: 12 Mar 2024 16:57

Tgt Ion	Ratio	Lower	Upper
91	100		
126	38.0	19.4	58.4





#83

tert-Butylbenzene

Concen: 50.568 ug/l

RT: 13.169 min Scan# 1968

Delta R.T. 0.006 min

Lab File: VD078640.D

Acq: 12 Mar 2024 16:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

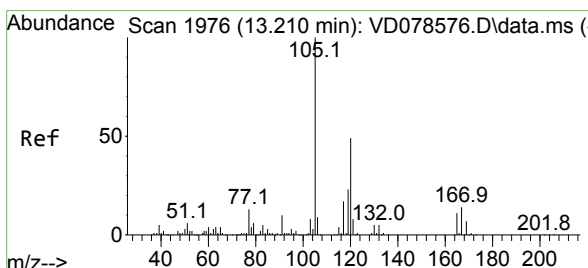
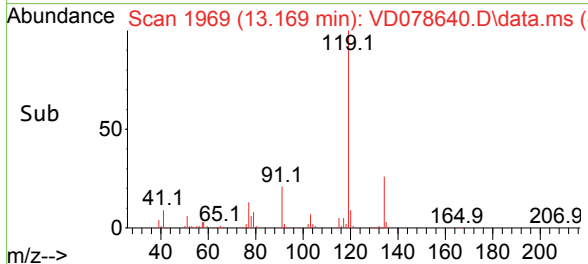
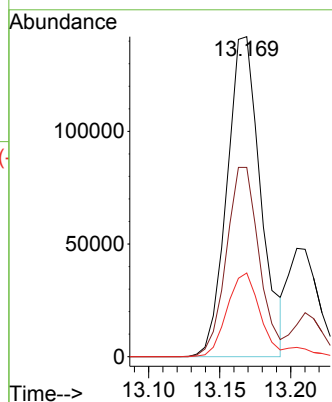
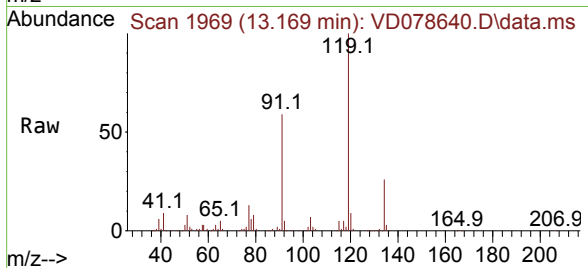
Tgt Ion:119 Resp: 234421

Ion Ratio Lower Upper

119 100

91 57.7 29.3 87.8

134 27.5 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 50.864 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD078640.D

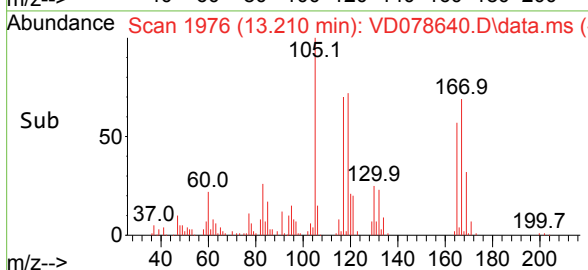
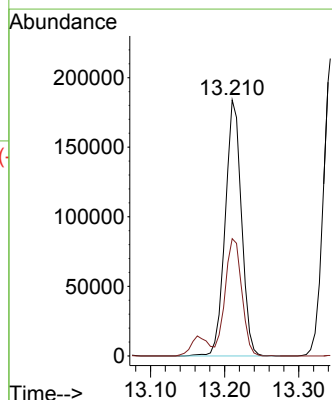
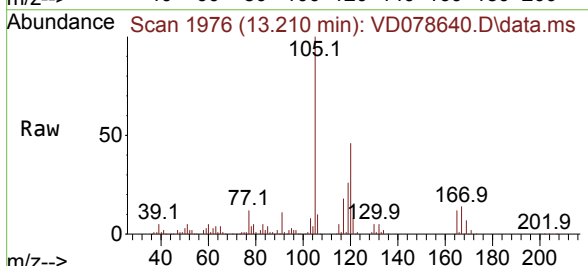
Acq: 12 Mar 2024 16:57

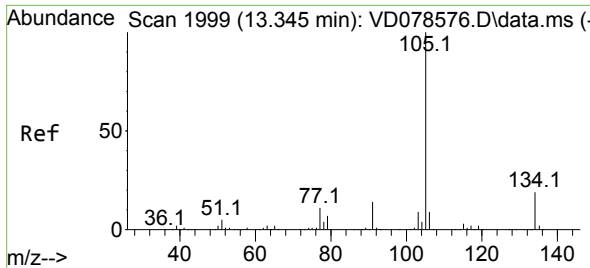
Tgt Ion:105 Resp: 279897

Ion Ratio Lower Upper

105 100

120 46.7 24.3 72.9

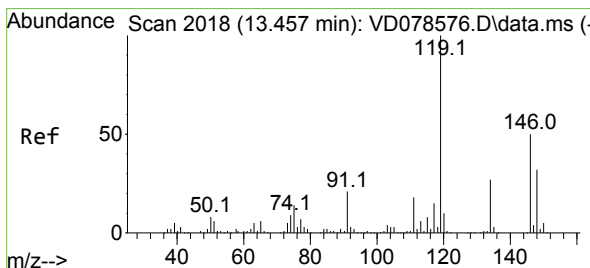
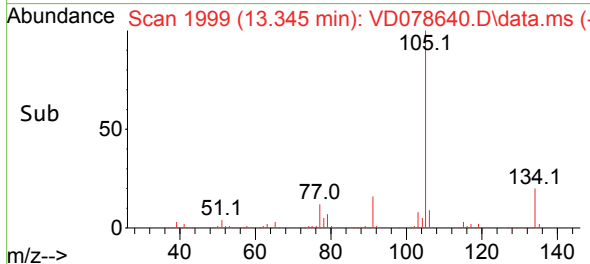
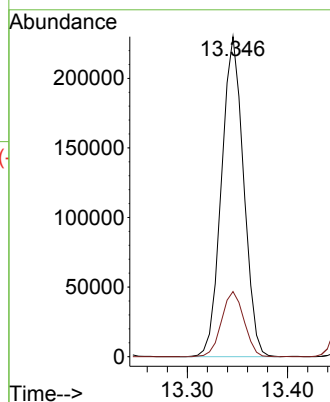
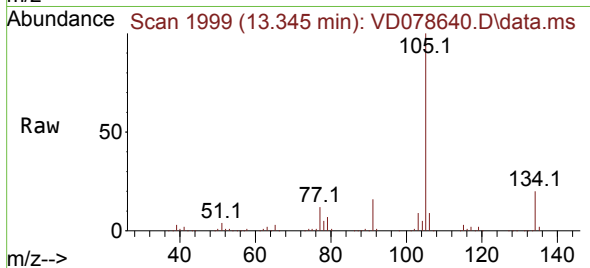




#85
 sec-Butylbenzene
 Concen: 48.645 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD078640.D
 Acq: 12 Mar 2024 16:57

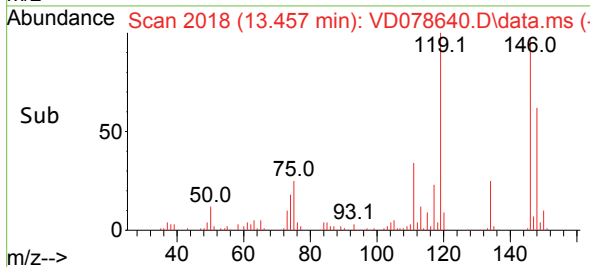
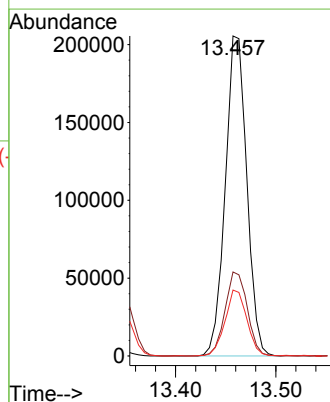
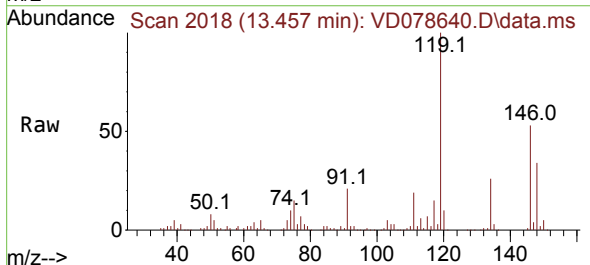
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

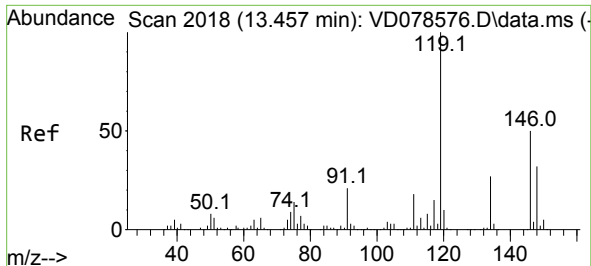
Tgt Ion:105 Resp: 351803
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 50.309 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD078640.D
 Acq: 12 Mar 2024 16:57

Tgt Ion:119 Resp: 306288
 Ion Ratio Lower Upper
 119 100
 134 27.2 14.2 42.6
 91 21.0 10.5 31.5

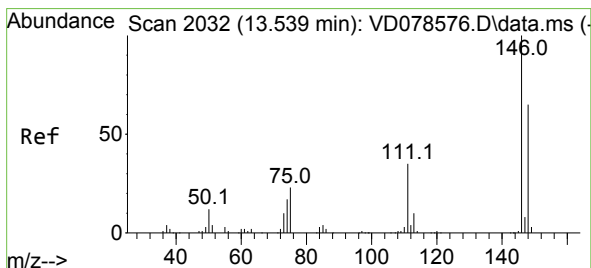
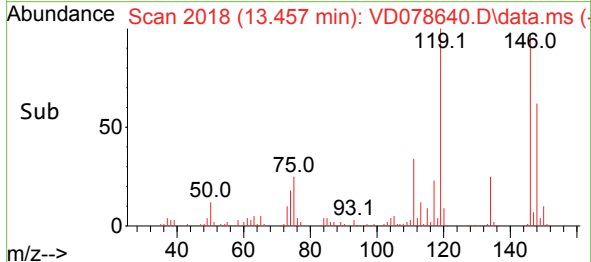
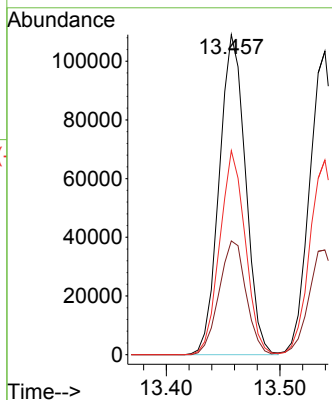
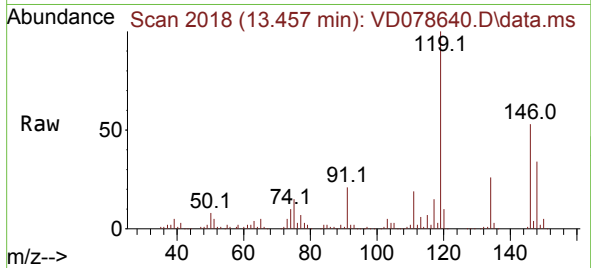




#87
1,3-Dichlorobenzene
Concen: 51.242 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD078640.D
Acq: 12 Mar 2024 16:57

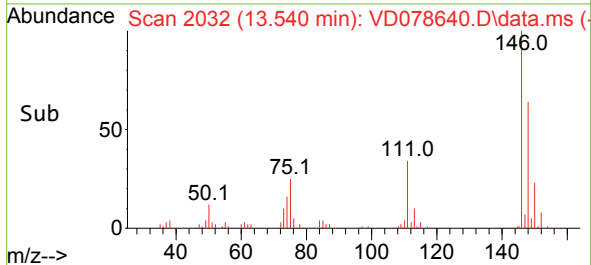
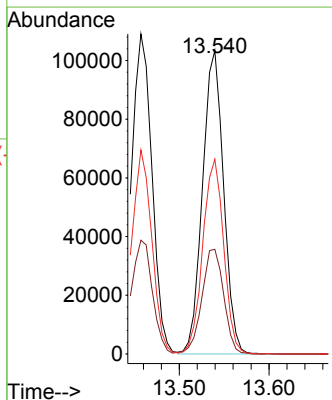
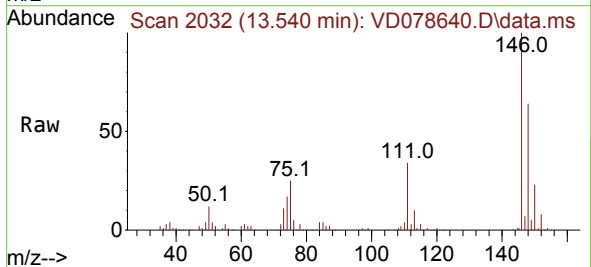
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

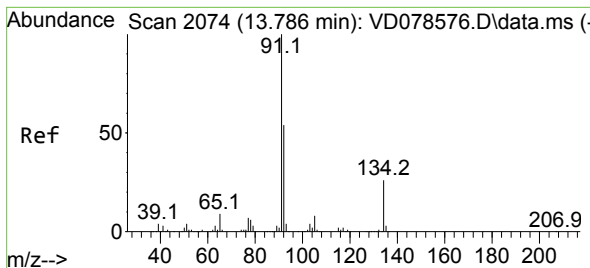
Tgt Ion:146 Resp: 175195
Ion Ratio Lower Upper
146 100
111 36.5 17.9 53.8
148 62.0 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 49.226 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD078640.D
Acq: 12 Mar 2024 16:57

Tgt Ion:146 Resp: 168619
Ion Ratio Lower Upper
146 100
111 35.8 17.4 52.3
148 63.9 31.7 95.1





#89

n-Butylbenzene

Concen: 48.175 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD078640.D

Acq: 12 Mar 2024 16:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

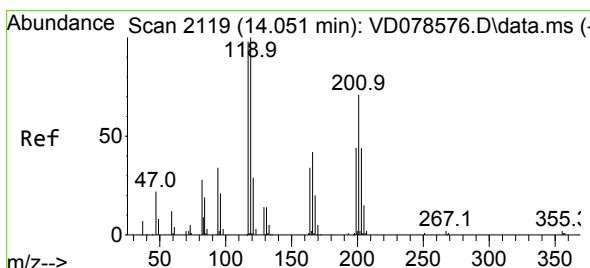
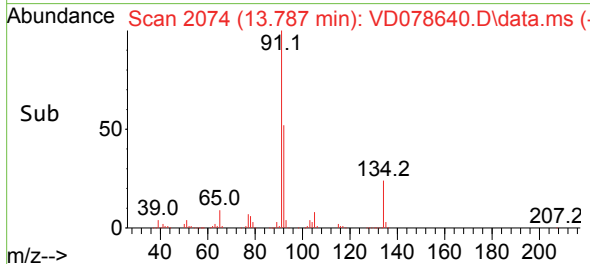
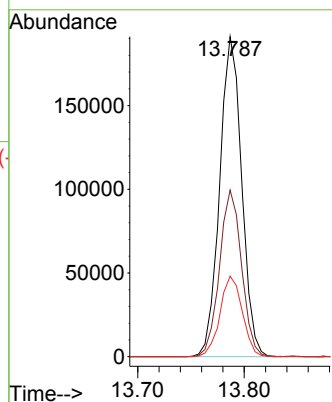
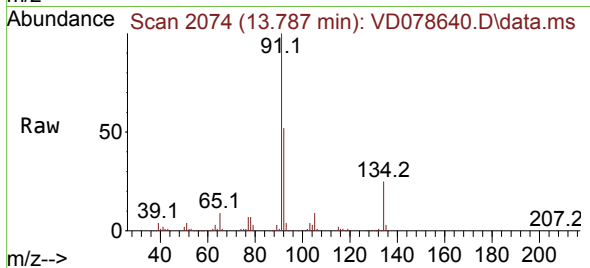
Tgt Ion: 91 Resp: 274091

Ion Ratio Lower Upper

91 100

92 52.1 26.5 79.5

134 25.6 13.8 41.3



#90

Hexachloroethane

Concen: 49.127 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. 0.000 min

Lab File: VD078640.D

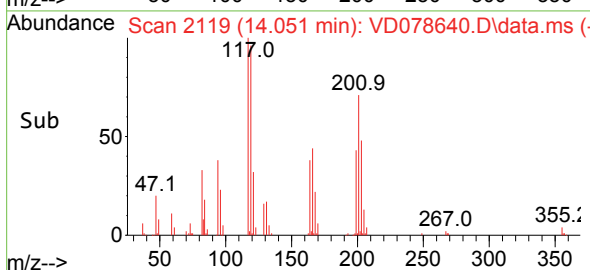
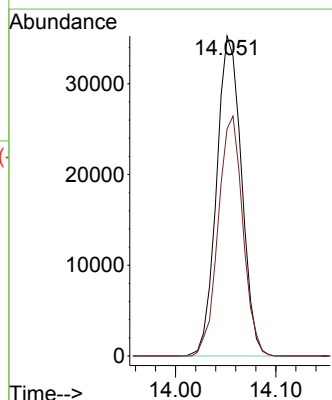
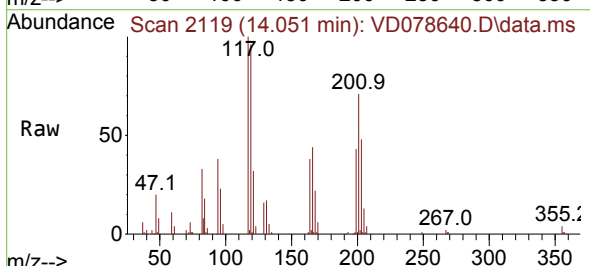
Acq: 12 Mar 2024 16:57

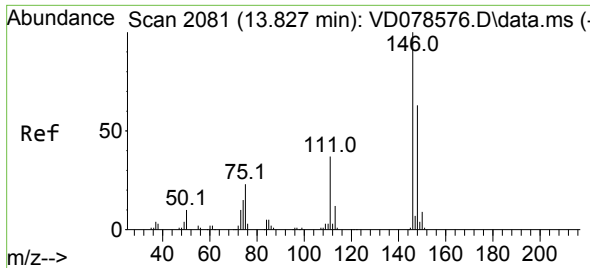
Tgt Ion: 117 Resp: 60815

Ion Ratio Lower Upper

117 100

201 74.2 38.5 115.5

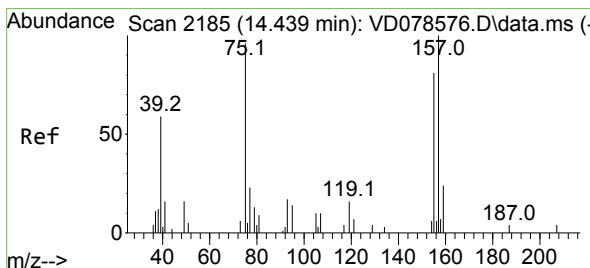
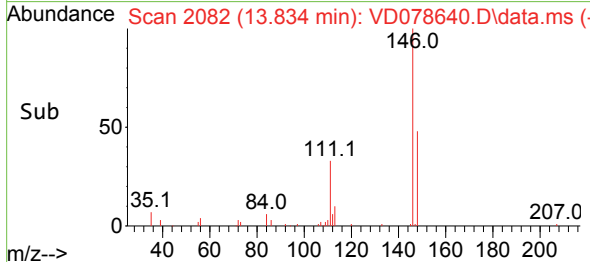
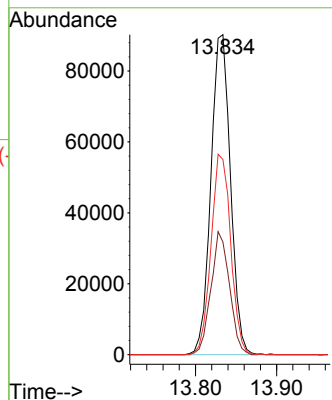
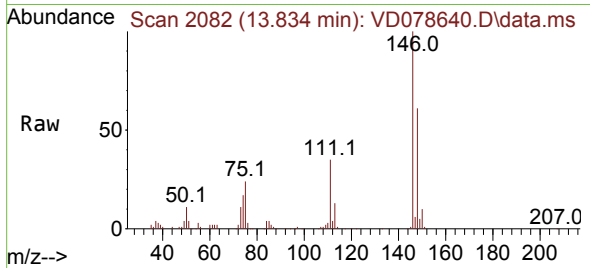




#91
1,2-Dichlorobenzene
Concen: 52.053 ug/l
RT: 13.834 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VD078640.D
Acq: 12 Mar 2024 16:57

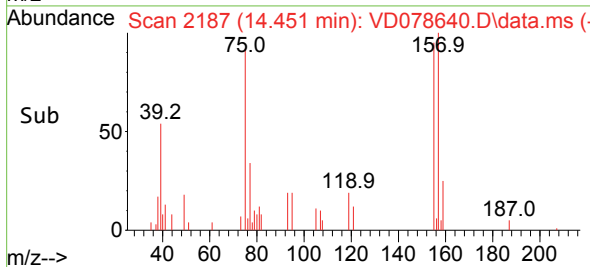
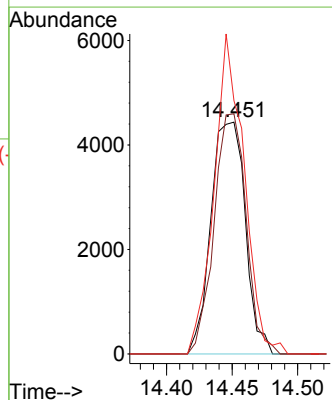
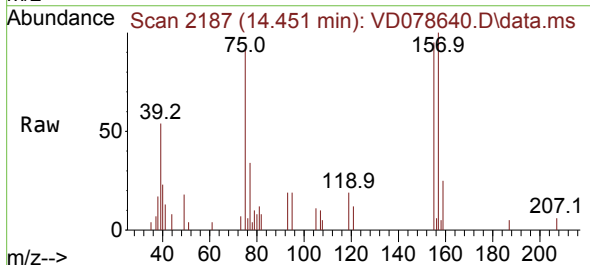
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

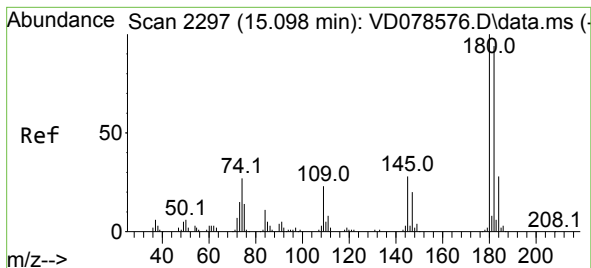
Tgt Ion:146 Resp: 151171
Ion Ratio Lower Upper
146 100
111 36.5 18.3 54.8
148 63.0 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.921 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.012 min
Lab File: VD078640.D
Acq: 12 Mar 2024 16:57

Tgt Ion: 75 Resp: 8096
Ion Ratio Lower Upper
75 100
155 96.4 47.9 143.8
157 120.2 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 47.860 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD078640.D

Acq: 12 Mar 2024 16:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

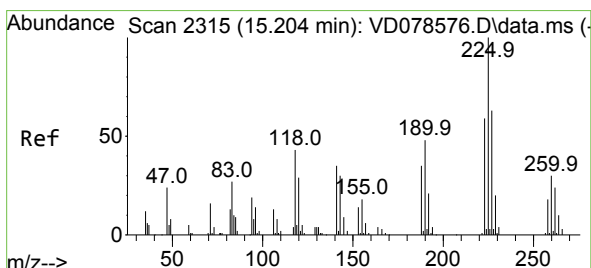
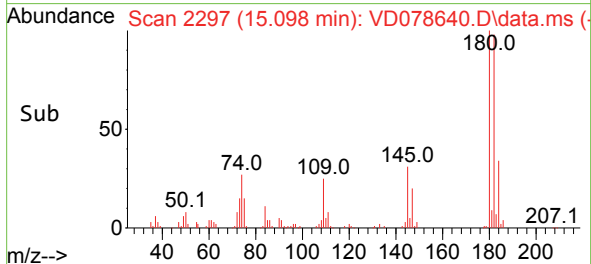
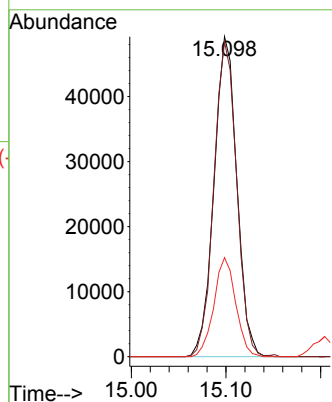
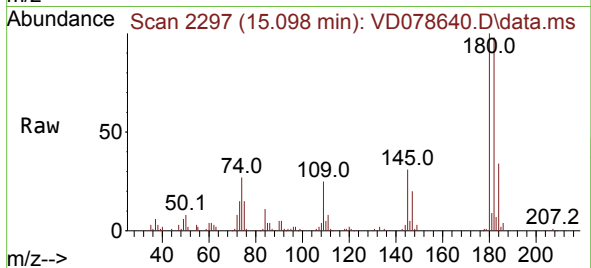
Tgt Ion:180 Resp: 82307

Ion Ratio Lower Upper

180 100

182 98.1 48.5 145.6

145 29.6 14.2 42.6



#94

Hexachlorobutadiene

Concen: 47.456 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD078640.D

Acq: 12 Mar 2024 16:57

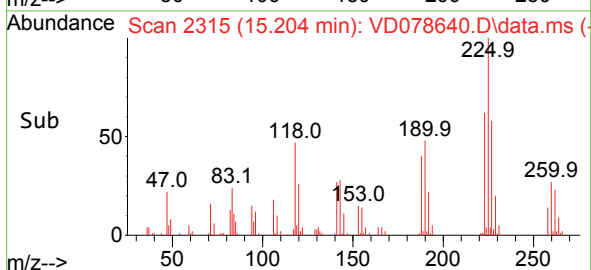
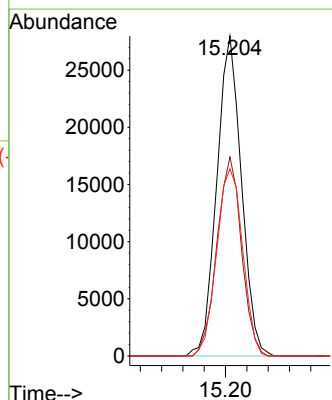
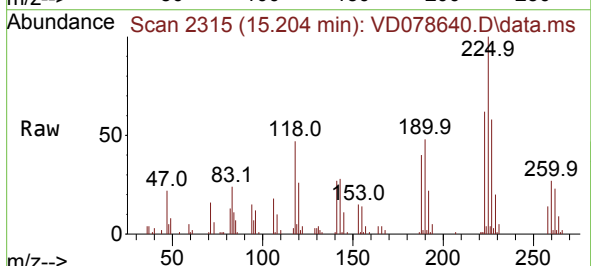
Tgt Ion:225 Resp: 44904

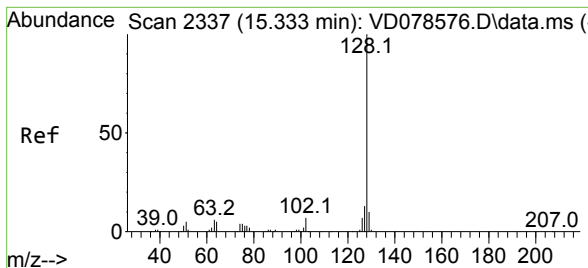
Ion Ratio Lower Upper

225 100

223 61.8 31.6 94.8

227 61.8 31.7 95.1

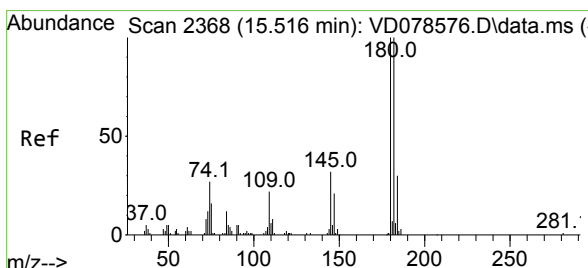
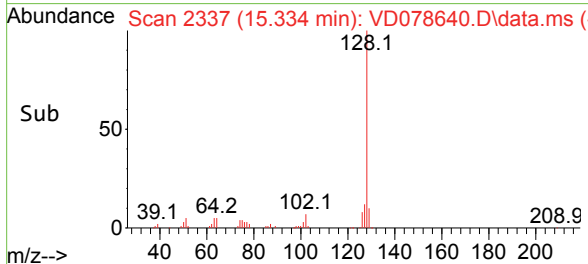
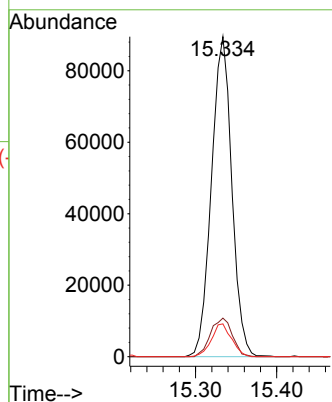
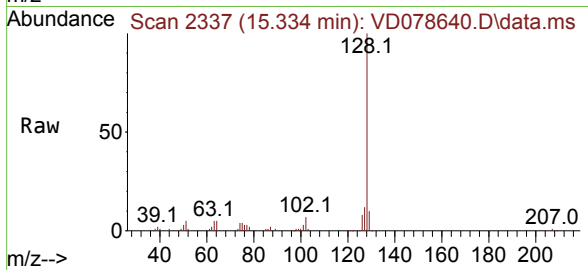




#95
Naphthalene
Concen: 51.328 ug/l
RT: 15.334 min Scan# 211
Delta R.T. 0.000 min
Lab File: VD078640.D
Acq: 12 Mar 2024 16:57

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 155977
Ion Ratio Lower Upper
128 100
127 12.1 10.5 15.7
129 10.3 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 48.751 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. 0.006 min
Lab File: VD078640.D
Acq: 12 Mar 2024 16:57

Tgt Ion:180 Resp: 74458
Ion Ratio Lower Upper
180 100
182 96.0 47.3 141.9
145 31.9 15.1 45.3

