

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032124\
 Data File : VD078723.D
 Acq On : 21 Mar 2024 11:40
 Operator : RP/MD
 Sample : VD0321SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Mar 22 06:54:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 05:38:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	105113	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	179895	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	172166	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	85320	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.234	65	55541	56.382	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.760%	
35) Dibromofluoromethane	7.811	113	59763	51.598	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.200%	
50) Toluene-d8	10.269	98	236774	55.585	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 111.160%	
62) 4-Bromofluorobenzene	12.575	95	65294	52.395	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 104.780%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.934	85	20047	20.492	ug/l	99
3) Chloromethane	2.152	50	28551	18.484	ug/l	93
4) Vinyl Chloride	2.293	62	40238	17.659	ug/l	94
5) Bromomethane	2.699	94	41555	19.047	ug/l	99
6) Chloroethane	2.840	64	33412	18.802	ug/l	97
7) Trichlorofluoromethane	3.187	101	39277	21.788	ug/l	98
8) Diethyl Ether	3.599	74	10227	19.431	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.981	101	24409	21.575	ug/l	96
10) Methyl Iodide	4.170	142	27485	20.538	ug/l	99
11) Tert butyl alcohol	5.058	59	4509	102.280	ug/l #	88
12) 1,1-Dichloroethene	3.946	96	21946	20.406	ug/l	97
13) Acrolein	3.799	56	7114	103.014	ug/l	95
14) Allyl chloride	4.564	41	25209	21.007	ug/l	98
15) Acrylonitrile	5.264	53	23855	112.431	ug/l	98
16) Acetone	4.028	43	21392	112.301	ug/l	100
17) Carbon Disulfide	4.281	76	65003	18.437	ug/l	98
18) Methyl Acetate	4.570	43	8043	19.674	ug/l	96
19) Methyl tert-butyl Ether	5.334	73	44457	20.497	ug/l #	91
20) Methylene Chloride	4.811	84	29044	19.381	ug/l #	95
21) trans-1,2-Dichloroethene	5.322	96	25264	19.908	ug/l #	91
22) Diisopropyl ether	6.216	45	59775	21.909	ug/l #	92
23) Vinyl Acetate	6.158	43	171560	107.498	ug/l	99
24) 1,1-Dichloroethane	6.117	63	45809	22.394	ug/l	97
25) 2-Butanone	7.081	43	28413	112.191	ug/l	91
26) 2,2-Dichloropropane	7.087	77	37789	21.835	ug/l	97
27) cis-1,2-Dichloroethene	7.081	96	29864	20.633	ug/l	98
28) Bromochloromethane	7.428	49	15225	20.877	ug/l	98
29) Tetrahydrofuran	7.452	42	15435	112.053	ug/l	95
30) Chloroform	7.599	83	51023	22.371	ug/l	87
31) Cyclohexane	7.881	56	32267	19.488	ug/l	92
32) 1,1,1-Trichloroethane	7.805	97	42446	21.935	ug/l	98
36) 1,1-Dichloropropene	8.011	75	35491	21.119	ug/l	99
37) Ethyl Acetate	7.175	43	12074	21.992	ug/l	95
38) Carbon Tetrachloride	7.993	117	38219	21.572	ug/l	91
39) Methylcyclohexane	9.281	83	36655	18.802	ug/l	94
40) Benzene	8.258	78	107158	21.094	ug/l	96

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Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Mar 22 06:54:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 05:38:03 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	4125	14.338	ug/l #	52
42) 1,2-Dichloroethane	8.334	62	27633	22.305	ug/l	100
43) Isopropyl Acetate	8.363	43	21540	21.574	ug/l #	82
44) Trichloroethene	9.034	130	29155	21.148	ug/l	90
45) 1,2-Dichloropropane	9.310	63	27440	22.770	ug/l	98
46) Dibromomethane	9.393	93	15213	21.059	ug/l	95
47) Bromodichloromethane	9.587	83	39029	22.695	ug/l	95
48) Methyl methacrylate	9.381	41	10567	21.721	ug/l	94
49) 1,4-Dioxane	9.381	88	2383	356.278	ug/l #	85
51) 4-Methyl-2-Pentanone	10.157	43	56929	109.065	ug/l	97
52) Toluene	10.334	92	68189	20.849	ug/l	92
53) t-1,3-Dichloropropene	10.557	75	32752	20.830	ug/l	98
54) cis-1,3-Dichloropropene	10.022	75	41276	21.837	ug/l	90
55) 1,1,2-Trichloroethane	10.734	97	21552	22.279	ug/l	92
56) Ethyl methacrylate	10.599	69	19986	20.609	ug/l	100
57) 1,3-Dichloropropane	10.875	76	33319	21.346	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	42828	100.156	ug/l	95
59) 2-Hexanone	10.922	43	41825	108.090	ug/l	99
60) Dibromochloromethane	11.075	129	25589	21.450	ug/l	98
61) 1,2-Dibromoethane	11.181	107	18401	19.655	ug/l	91
64) Tetrachloroethene	10.810	164	24265	21.298	ug/l	95
65) Chlorobenzene	11.610	112	73700	20.485	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	28414	21.565	ug/l	99
67) Ethyl Benzene	11.687	91	124063	20.236	ug/l	97
68) m/p-Xylenes	11.793	106	99390	39.923	ug/l	98
69) o-Xylene	12.122	106	44088	19.141	ug/l	92
70) Styrene	12.140	104	81141	20.988	ug/l	98
71) Bromoform	12.304	173	15094	21.198	ug/l #	90
73) Isopropylbenzene	12.422	105	120418	21.436	ug/l	98
74) N-amyl acetate	12.234	43	19332	21.196	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.675	83	24242	23.312	ug/l	96
76) 1,2,3-Trichloropropane	12.722	75	27748	42.213	ug/l #	100
77) Bromobenzene	12.704	156	29429	21.124	ug/l	97
78) n-propylbenzene	12.763	91	149319	21.837	ug/l	100
79) 2-Chlorotoluene	12.851	91	82689	22.044	ug/l	96
80) 1,3,5-Trimethylbenzene	12.904	105	98938	21.298	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	6979	22.255	ug/l	93
82) 4-Chlorotoluene	12.946	91	86006	21.677	ug/l	99
83) tert-Butylbenzene	13.169	119	84509	21.098	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	97888	20.910	ug/l	97
85) sec-Butylbenzene	13.346	105	132160	21.803	ug/l	100
86) p-Isopropyltoluene	13.463	119	109143	21.033	ug/l	98
87) 1,3-Dichlorobenzene	13.463	146	63539	21.613	ug/l	99
88) 1,4-Dichlorobenzene	13.540	146	62328	21.512	ug/l	99
89) n-Butylbenzene	13.793	91	101190	21.592	ug/l	99
90) Hexachloroethane	14.057	117	22525	20.978	ug/l	94
91) 1,2-Dichlorobenzene	13.834	146	54056	21.349	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	3142	22.586	ug/l	89
93) 1,2,4-Trichlorobenzene	15.098	180	29231	19.782	ug/l	99
94) Hexachlorobutadiene	15.204	225	15721	19.651	ug/l	98
95) Naphthalene	15.334	128	51218	19.936	ug/l	97
96) 1,2,3-Trichlorobenzene	15.528	180	26404	20.654	ug/l	97

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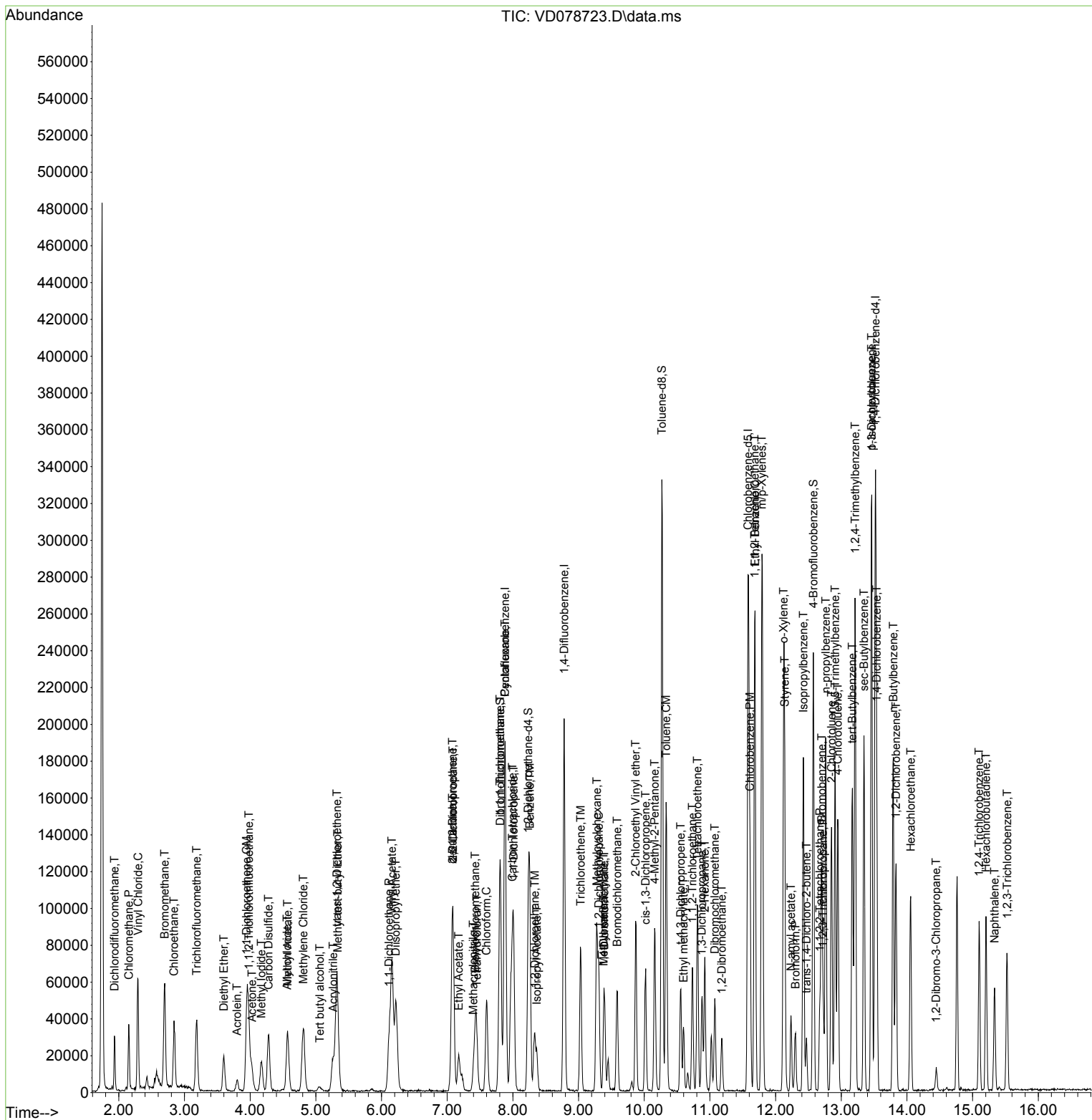
Instrument :
MSVOA_D
ClientSampleId :

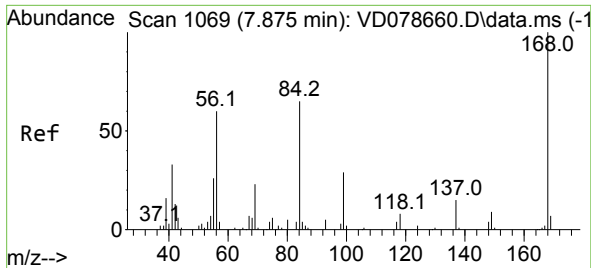
Quant Time: Mar 22 06:54:49 2024
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Quant Title : SW846 8260
QLast Update : Fri Mar 15 05:38:03 2024
Response via : Initial Calibration

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

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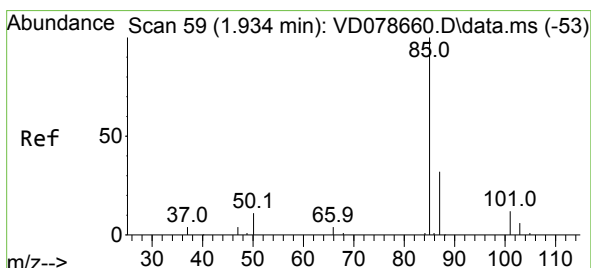
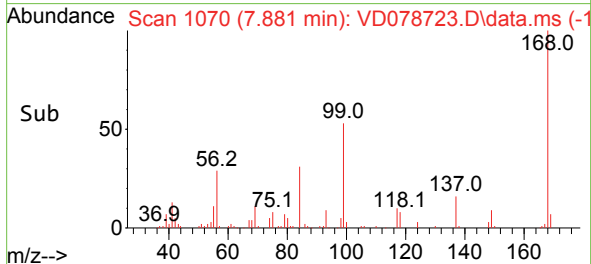
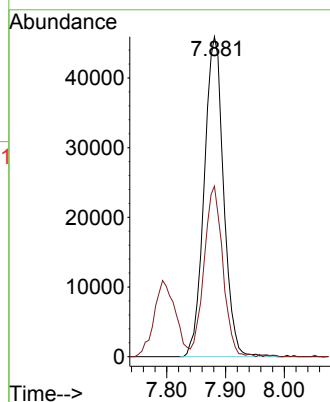
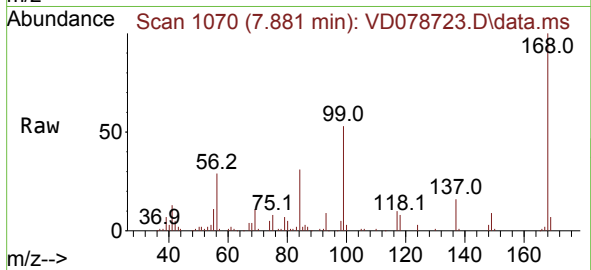




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD078723.D
Acq: 21 Mar 2024 11:40

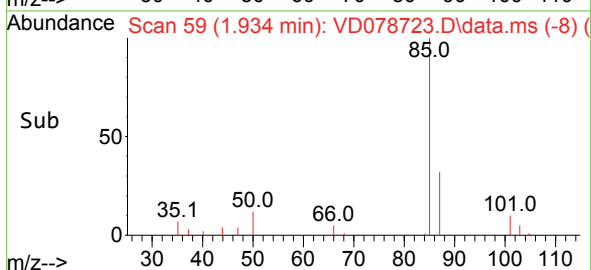
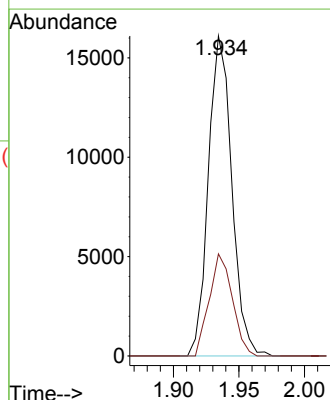
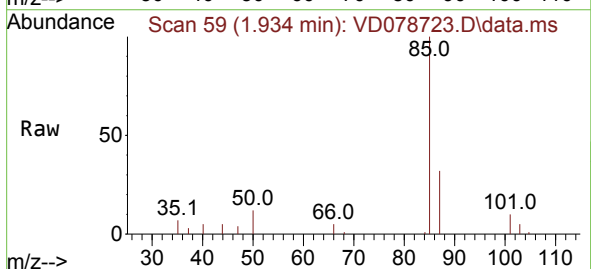
Instrument :
MSVOA_D
ClientSampleId :

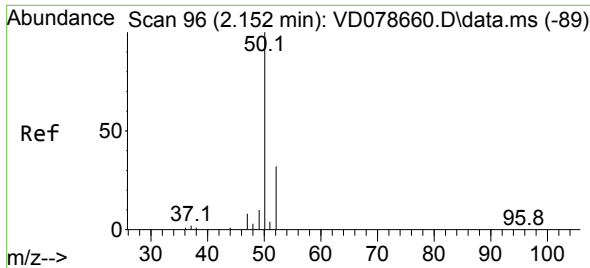
Tgt Ion:168 Resp: 105113
Ion Ratio Lower Upper
168 100
99 53.3 38.8 58.2



#2
Dichlorodifluoromethane
Concen: 20.492 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD078723.D
Acq: 21 Mar 2024 11:40

Tgt Ion: 85 Resp: 20047
Ion Ratio Lower Upper
85 100
87 31.9 16.2 48.5

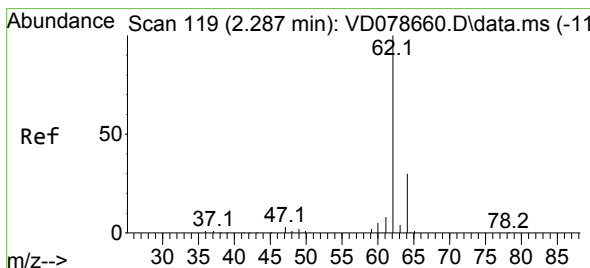
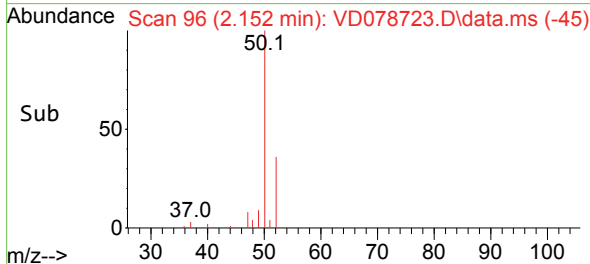
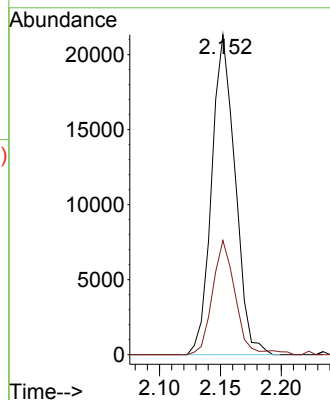
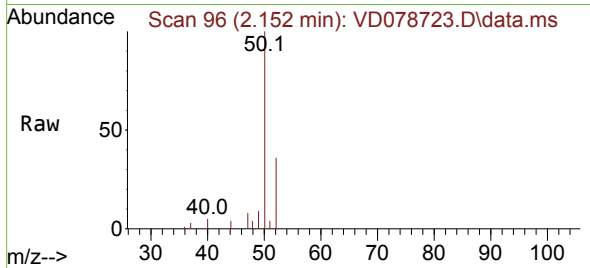




#3
Chloromethane
Concen: 18.484 ug/l
RT: 2.152 min Scan# 90
Delta R.T. 0.000 min
Lab File: VD078723.D
Acq: 21 Mar 2024 11:40

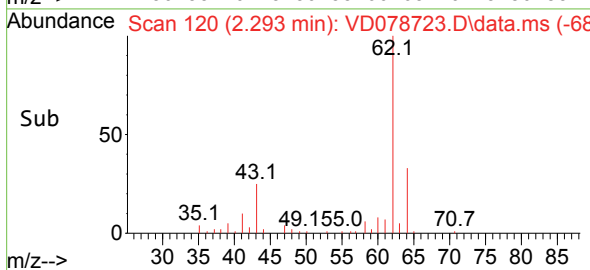
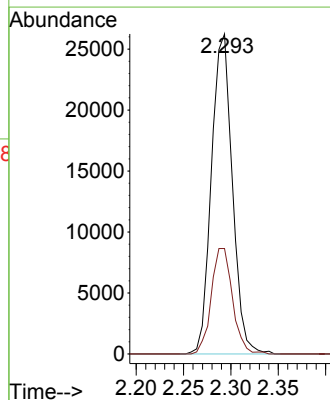
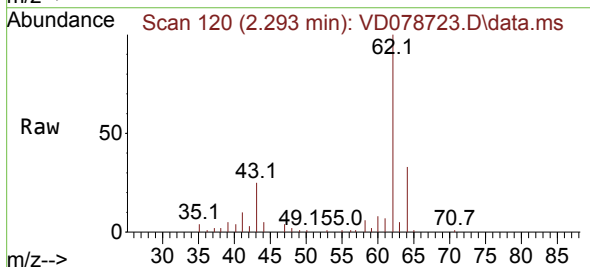
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MSVOA_D
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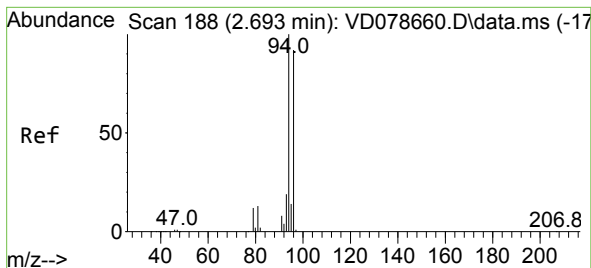
Tgt Ion: 50 Resp: 28551
Ion Ratio Lower Upper
50 100
52 35.7 25.6 38.4



#4
Vinyl Chloride
Concen: 17.659 ug/l
RT: 2.293 min Scan# 120
Delta R.T. 0.006 min
Lab File: VD078723.D
Acq: 21 Mar 2024 11:40

Tgt Ion: 62 Resp: 40238
Ion Ratio Lower Upper
62 100
64 32.9 23.7 35.5





#5

Bromomethane

Concen: 19.047 ug/l

RT: 2.699 min Scan# 188

Delta R.T. 0.006 min

Lab File: VD078723.D

Acq: 21 Mar 2024 11:40

Instrument :

MSVOA_D

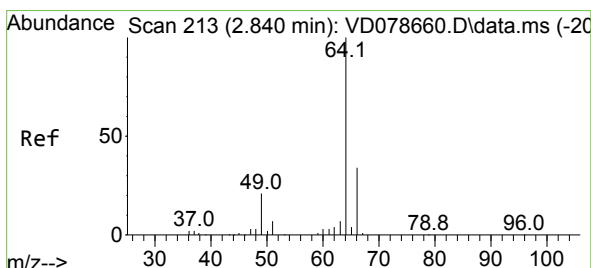
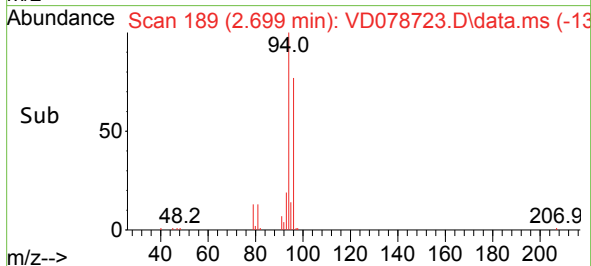
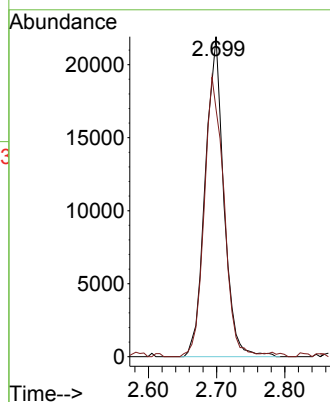
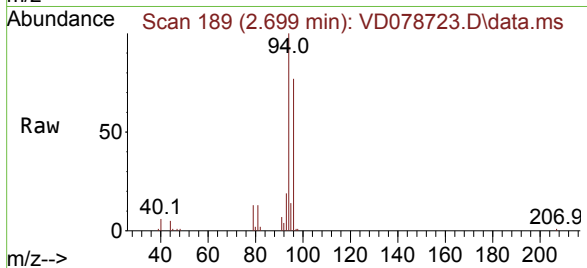
ClientSampleId :

Tgt Ion: 94 Resp: 41555

Ion Ratio Lower Upper

94 100

96 92.7 73.5 110.3



#6

Chloroethane

Concen: 18.802 ug/l

RT: 2.840 min Scan# 213

Delta R.T. 0.000 min

Lab File: VD078723.D

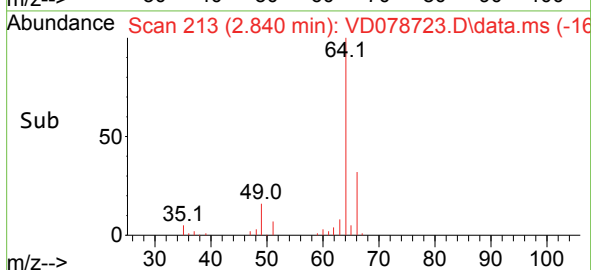
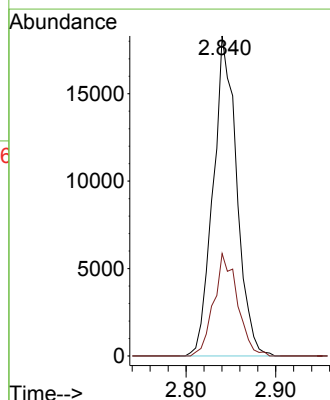
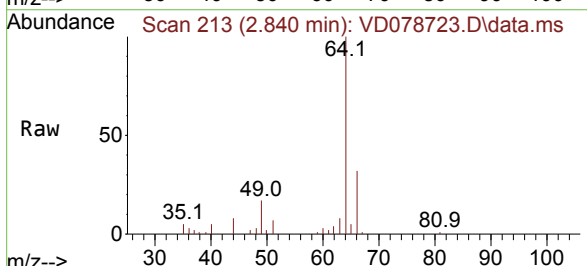
Acq: 21 Mar 2024 11:40

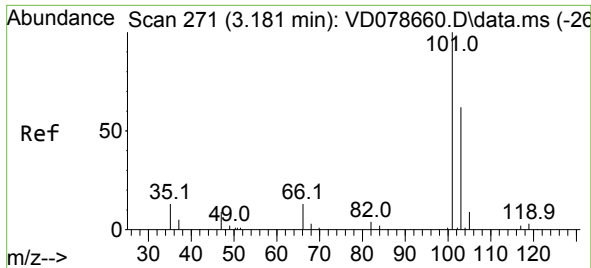
Tgt Ion: 64 Resp: 33412

Ion Ratio Lower Upper

64 100

66 32.0 26.8 40.2

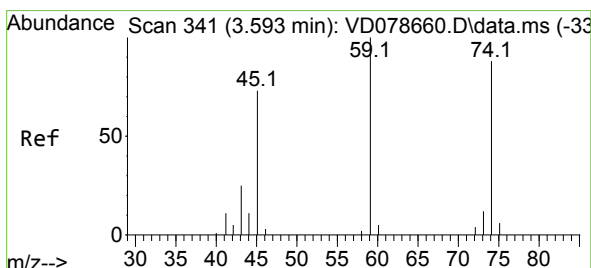
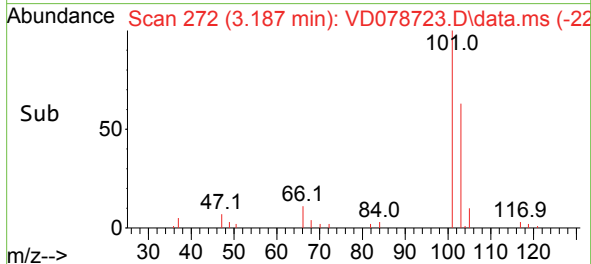
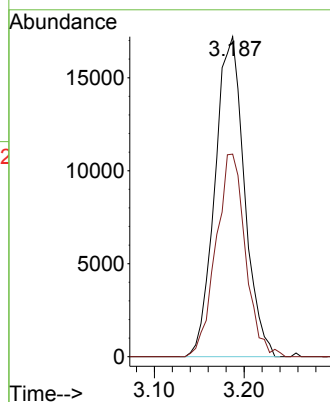
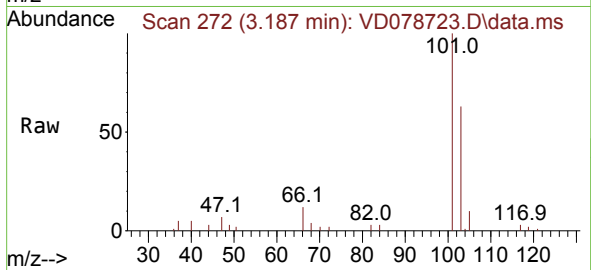




#7
Trichlorofluoromethane
Concen: 21.788 ug/l
RT: 3.187 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD078723.D
Acq: 21 Mar 2024 11:40

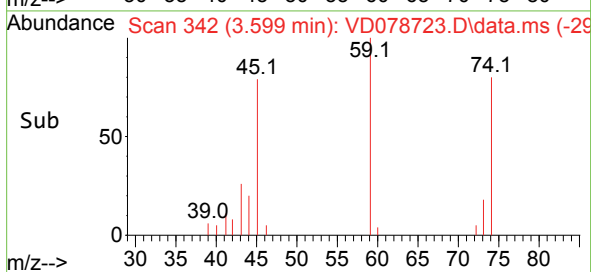
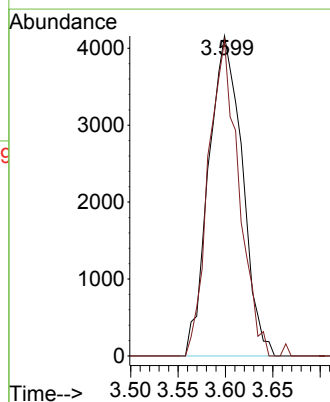
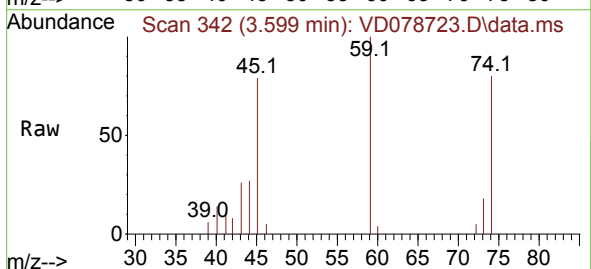
Instrument :
MSVOA_D
ClientSampleId :

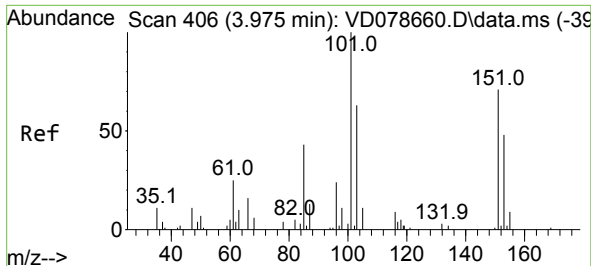
Tgt Ion:101 Resp: 39277
Ion Ratio Lower Upper
101 100
103 63.3 49.7 74.5



#8
Diethyl Ether
Concen: 19.431 ug/l
RT: 3.599 min Scan# 342
Delta R.T. 0.006 min
Lab File: VD078723.D
Acq: 21 Mar 2024 11:40

Tgt Ion: 74 Resp: 10227
Ion Ratio Lower Upper
74 100
45 89.5 42.4 127.3

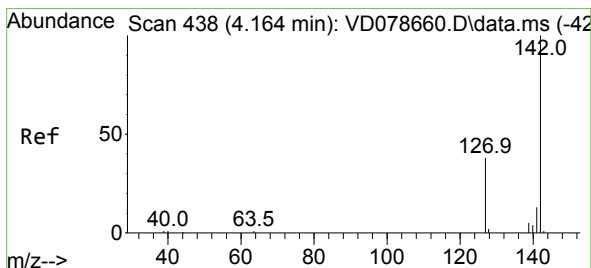
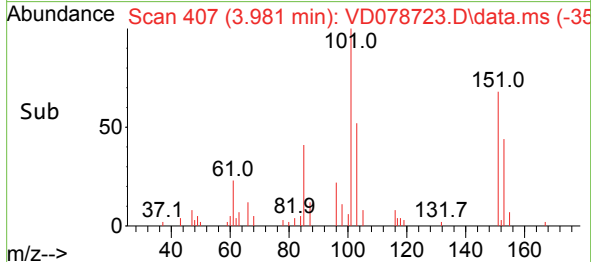
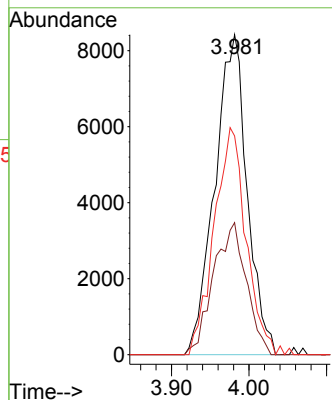
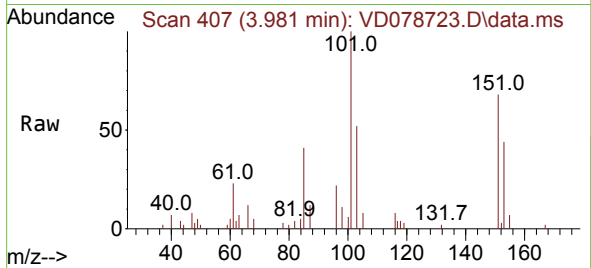




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.575 ug/l
RT: 3.981 min Scan# 407
Delta R.T. 0.006 min
Lab File: VD078723.D
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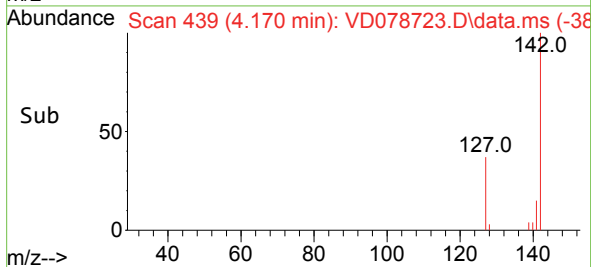
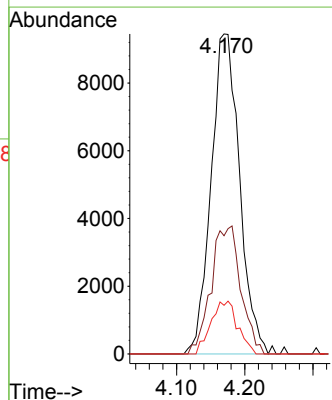
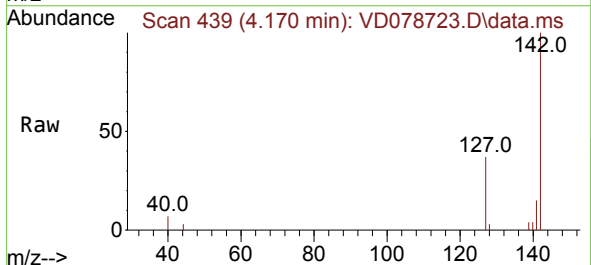
Instrument :
MSVOA_D
ClientSampleId :

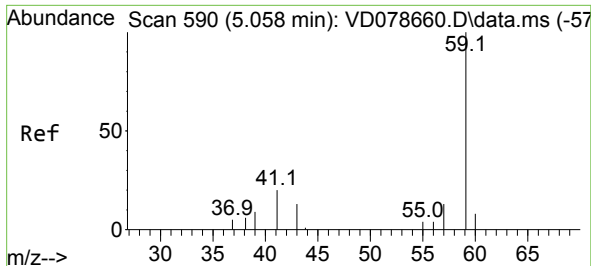
Tgt Ion:101 Resp: 24409
Ion Ratio Lower Upper
101 100
85 42.0 35.8 53.6
151 70.4 59.4 89.2



#10
Methyl Iodide
Concen: 20.538 ug/l
RT: 4.170 min Scan# 439
Delta R.T. 0.006 min
Lab File: VD078723.D
Acq: 21 Mar 2024 11:40

Tgt Ion:142 Resp: 27485
Ion Ratio Lower Upper
142 100
127 41.8 33.5 50.3
141 15.5 11.7 17.5





#11

Tert butyl alcohol

Concen: 102.280 ug/l

RT: 5.058 min Scan# 59

Delta R.T. 0.000 min

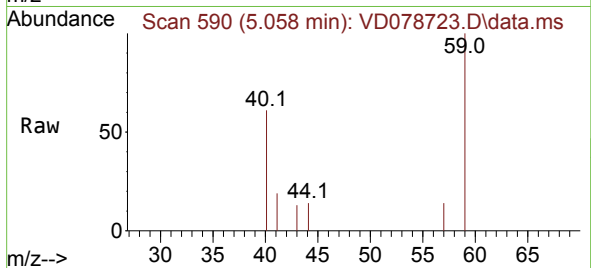
Lab File: VD078723.D

Acq: 21 Mar 2024 11:40

Instrument :

MSVOA_D

ClientSampleId :

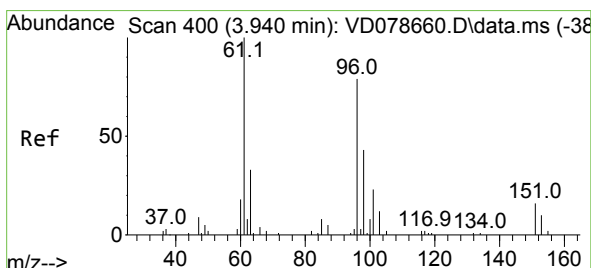
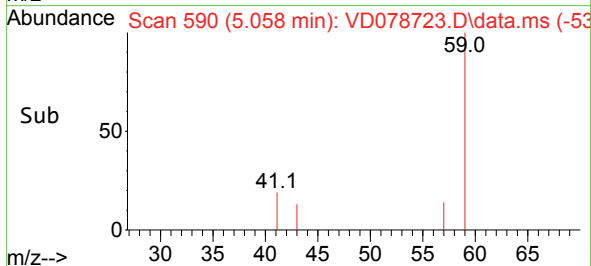
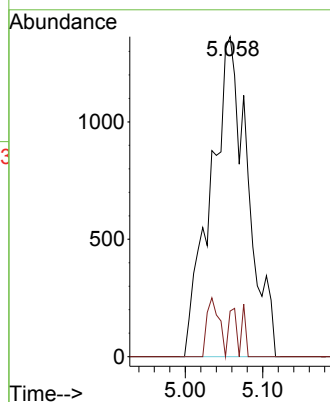


Tgt Ion: 59 Resp: 4509

Ion Ratio Lower Upper

59 100

57 4.9 7.4 11.0#



#12

1,1-Dichloroethene

Concen: 20.406 ug/l

RT: 3.946 min Scan# 401

Delta R.T. 0.006 min

Lab File: VD078723.D

Acq: 21 Mar 2024 11:40

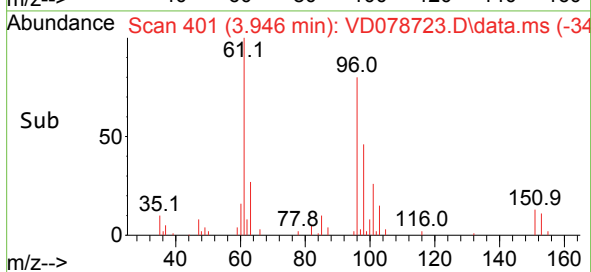
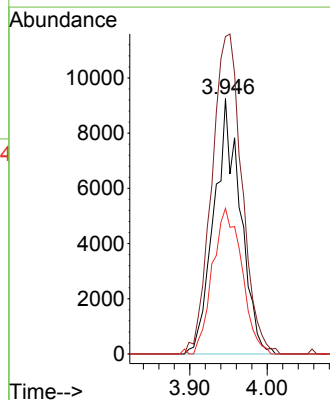
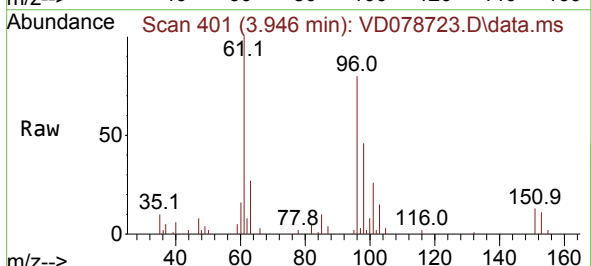
Tgt Ion: 96 Resp: 21946

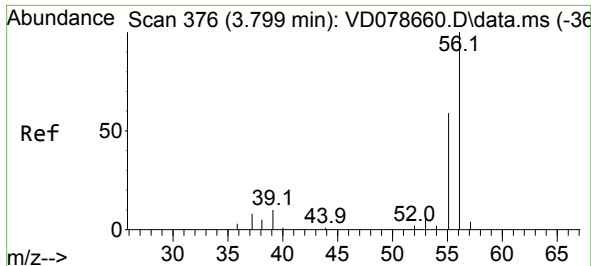
Ion Ratio Lower Upper

96 100

61 124.3 101.4 152.0

98 57.0 43.4 65.0

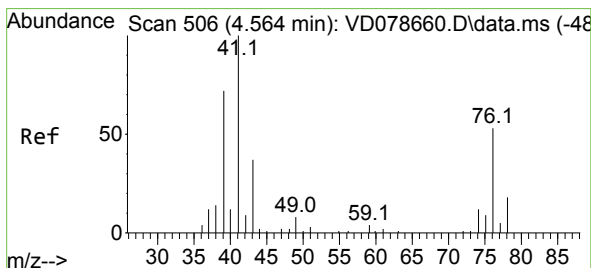
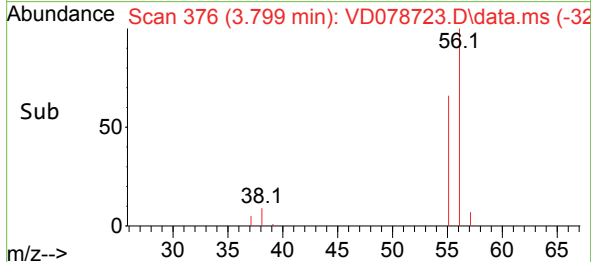
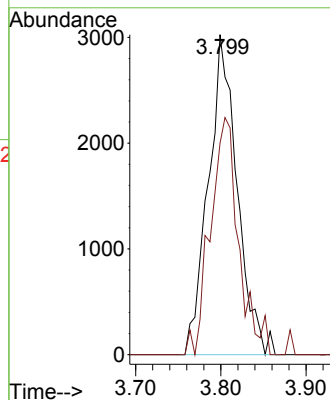
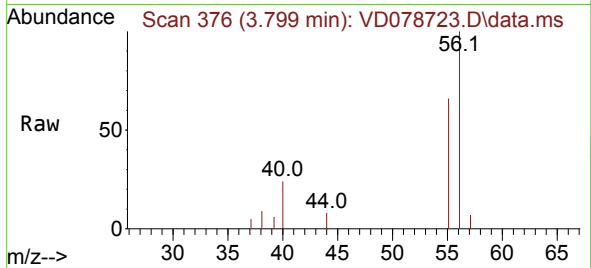




#13
Acrolein
Concen: 103.014 ug/l
RT: 3.799 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD078723.D
Acq: 21 Mar 2024 11:40

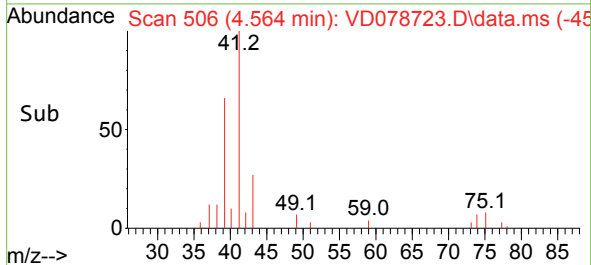
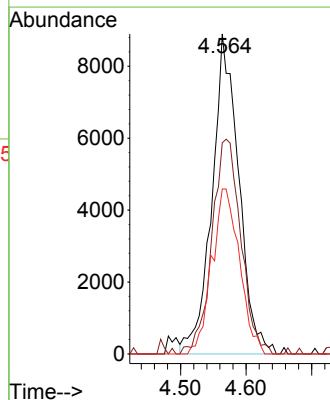
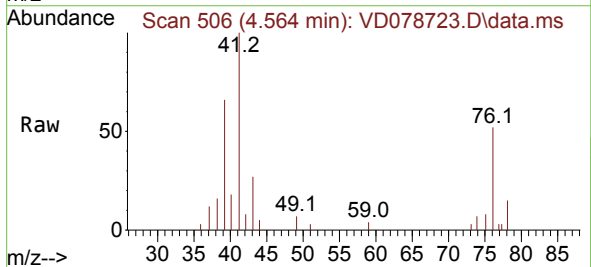
Instrument :
MSVOA_D
ClientSampleId :

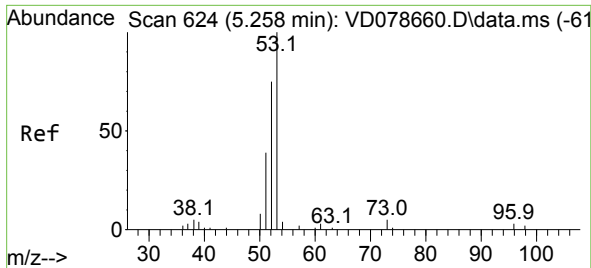
Tgt Ion: 56 Resp: 7114
Ion Ratio Lower Upper
56 100
55 72.4 54.9 82.3



#14
Allyl chloride
Concen: 21.007 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD078723.D
Acq: 21 Mar 2024 11:40

Tgt Ion: 41 Resp: 25209
Ion Ratio Lower Upper
41 100
39 72.4 57.8 86.6
76 53.3 44.8 67.2

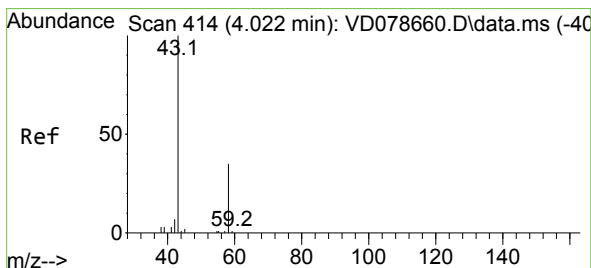
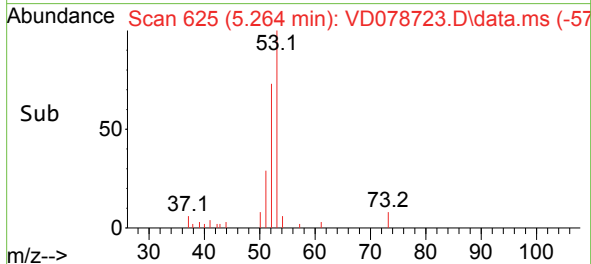
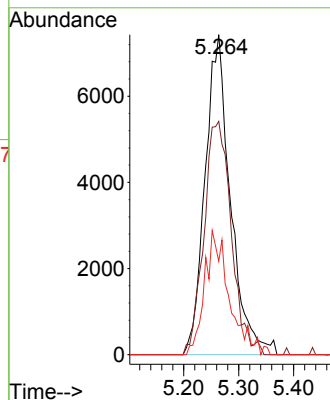
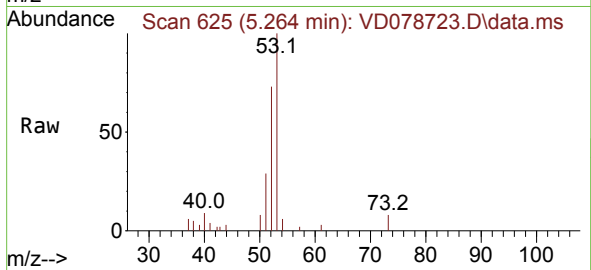




#15
Acrylonitrile
Concen: 112.431 ug/l
RT: 5.264 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD078723.D
Acq: 21 Mar 2024 11:40

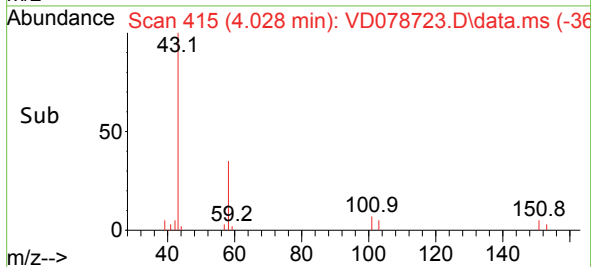
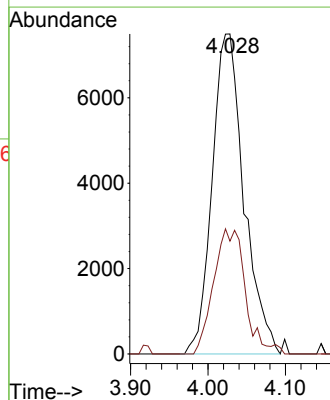
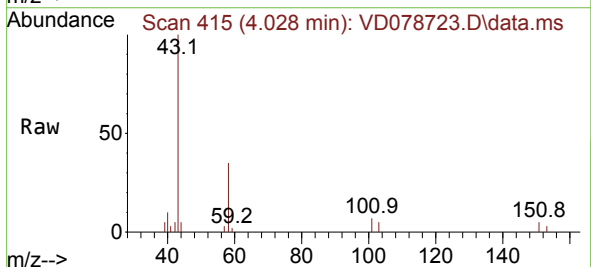
Instrument :
MSVOA_D
ClientSampleId :

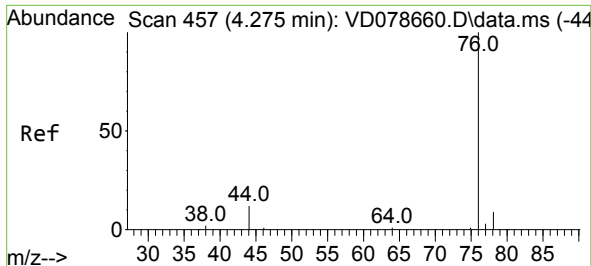
Tgt Ion:	53	Resp:	23855
Ion	Ratio	Lower	Upper
53	100		
52	78.2	61.9	92.9
51	37.8	29.0	43.4



#16
Acetone
Concen: 112.301 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD078723.D
Acq: 21 Mar 2024 11:40

Tgt Ion:	43	Resp:	21392
Ion	Ratio	Lower	Upper
43	100		
58	35.3	28.2	42.4





#17

Carbon Disulfide

Concen: 18.437 ug/l

RT: 4.281 min Scan# 4

Delta R.T. 0.006 min

Lab File: VD078723.D

Acq: 21 Mar 2024 11:40

Instrument :

MSVOA_D

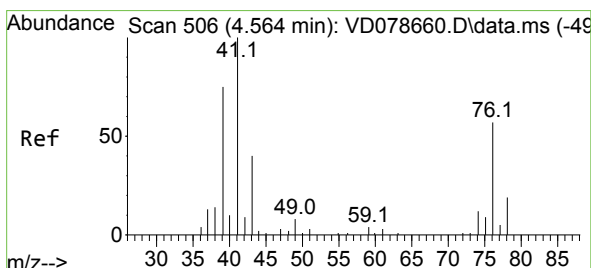
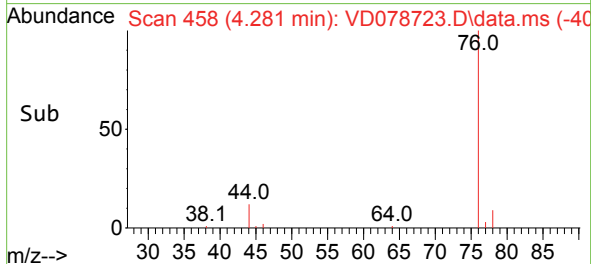
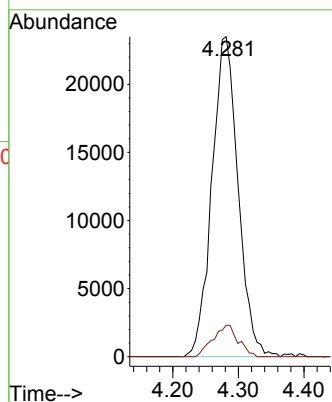
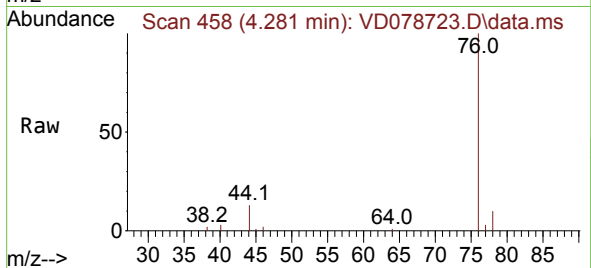
ClientSampleId :

Tgt Ion: 76 Resp: 65003

Ion Ratio Lower Upper

76 100

78 9.8 7.3 10.9



#18

Methyl Acetate

Concen: 19.674 ug/l

RT: 4.570 min Scan# 507

Delta R.T. 0.006 min

Lab File: VD078723.D

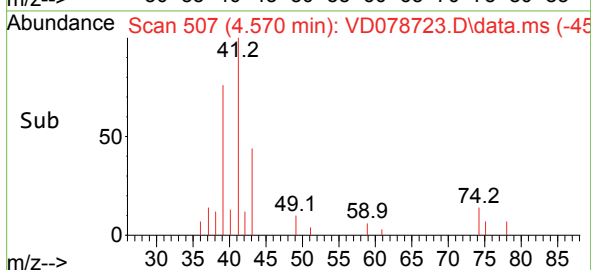
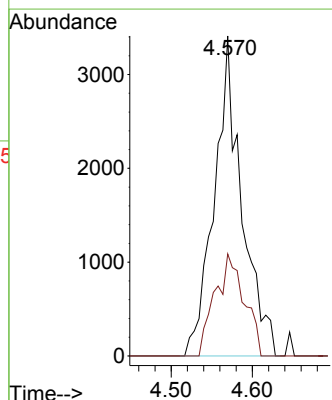
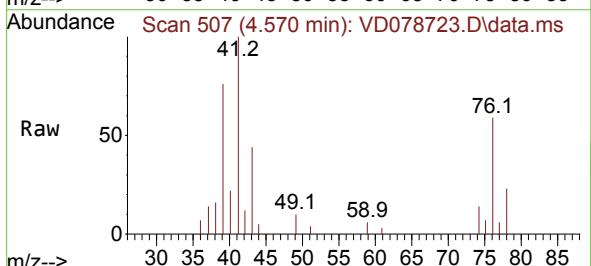
Acq: 21 Mar 2024 11:40

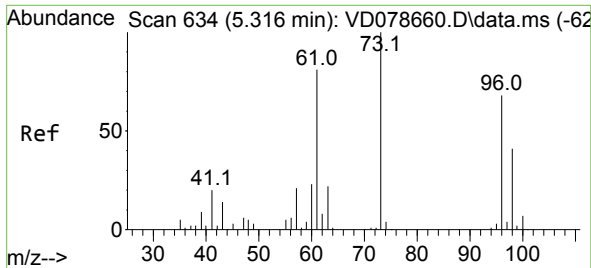
Tgt Ion: 43 Resp: 8043

Ion Ratio Lower Upper

43 100

74 33.8 25.3 37.9

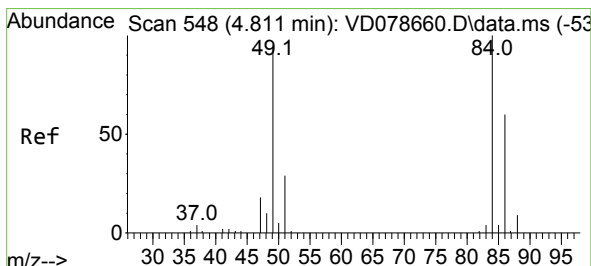
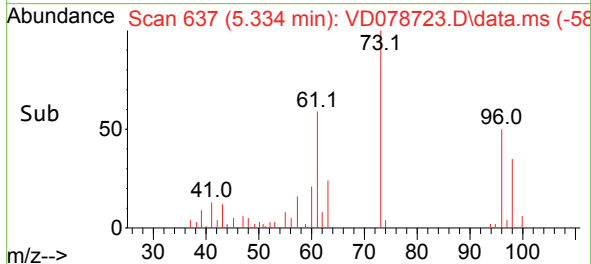
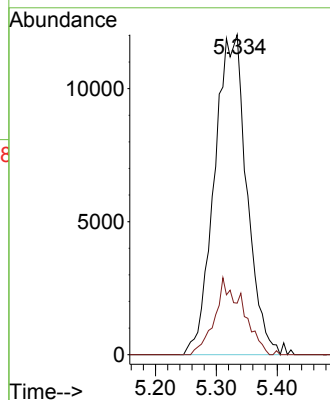
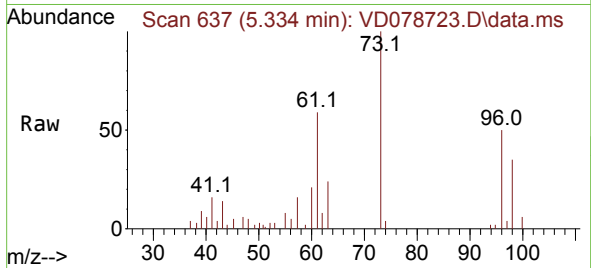




#19
Methyl tert-butyl Ether
Concen: 20.497 ug/l
RT: 5.334 min Scan# 61
Delta R.T. 0.018 min
Lab File: VD078723.D
Acq: 21 Mar 2024 11:40

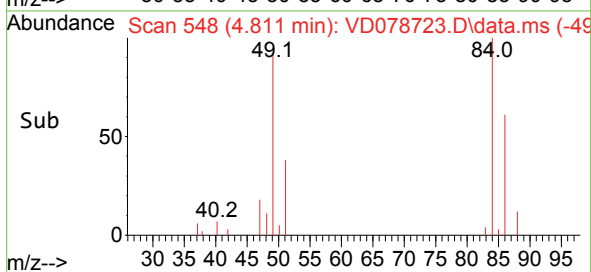
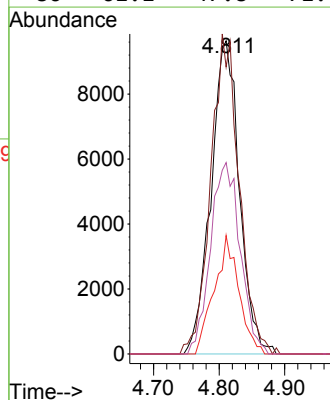
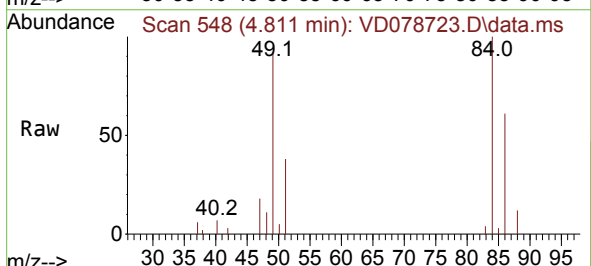
Instrument :
MSVOA_D
ClientSampleId :

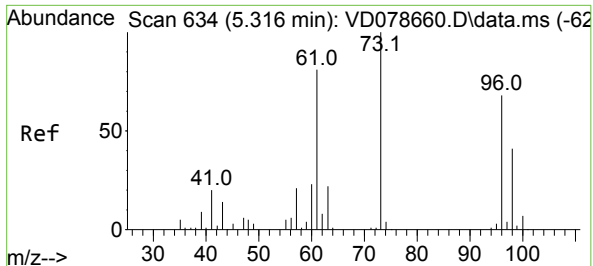
Tgt Ion: 73 Resp: 44457
Ion Ratio Lower Upper
73 100
57 16.1 16.4 24.6#



#20
Methylene Chloride
Concen: 19.381 ug/l
RT: 4.811 min Scan# 548
Delta R.T. -0.000 min
Lab File: VD078723.D
Acq: 21 Mar 2024 11:40

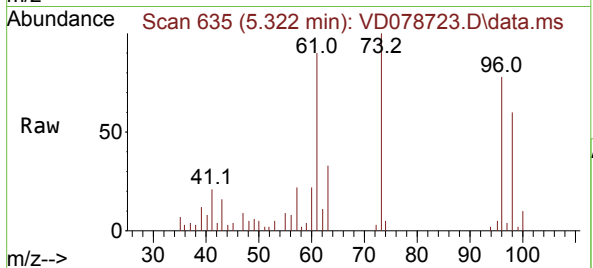
Tgt Ion: 84 Resp: 29044
Ion Ratio Lower Upper
84 100
49 91.7 75.6 113.4
51 37.8 23.4 35.0#
86 61.1 47.8 71.6



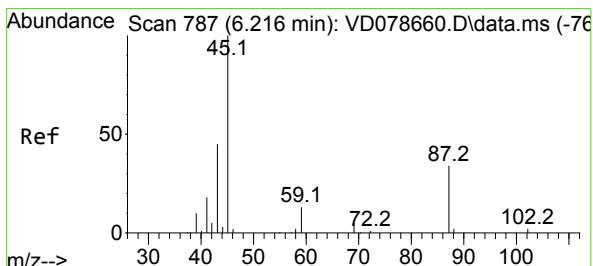
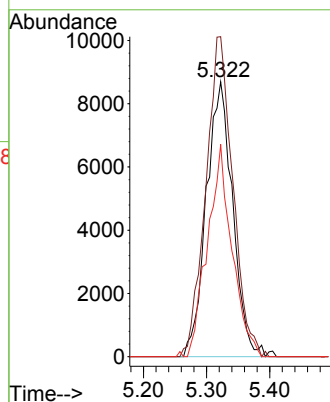
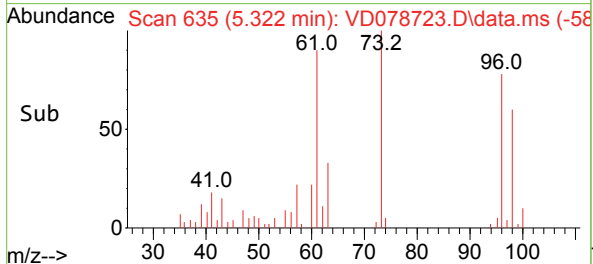


#21
trans-1,2-Dichloroethene
Concen: 19.908 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD078723.D
Acq: 21 Mar 2024 11:40

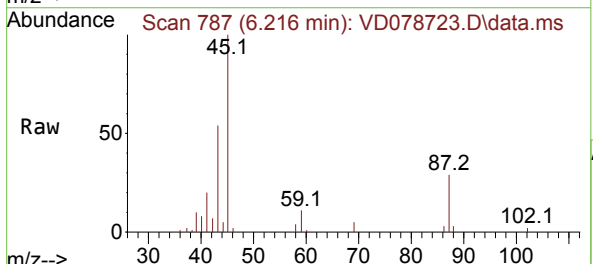
Instrument :
MSVOA_D
ClientSampleId :



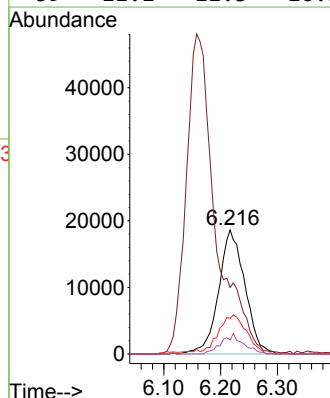
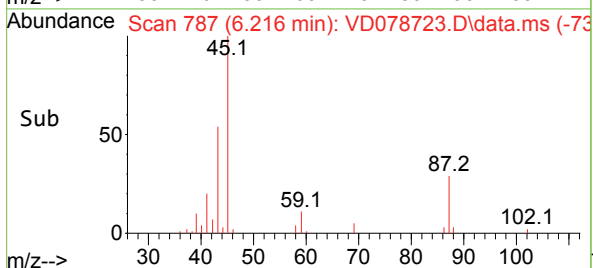
Tgt Ion: 96 Resp: 25264
Ion Ratio Lower Upper
96 100
61 116.4 96.1 144.1
98 77.3 48.9 73.3#

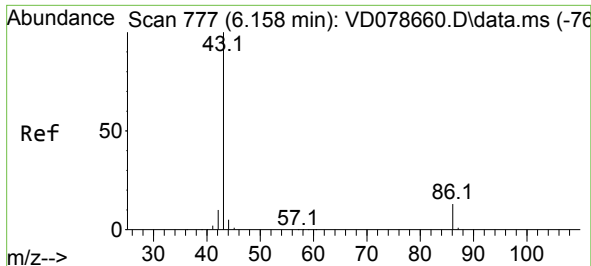


#22
Diisopropyl ether
Concen: 21.909 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD078723.D
Acq: 21 Mar 2024 11:40



Tgt Ion: 45 Resp: 59775
Ion Ratio Lower Upper
45 100
43 51.4 44.3 66.5
87 28.6 28.3 42.5
59 11.1 11.3 16.9#

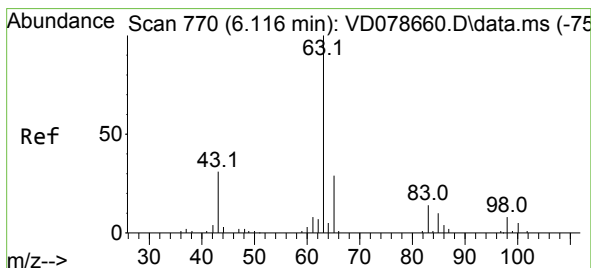
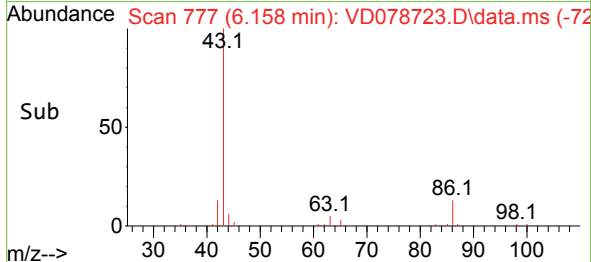
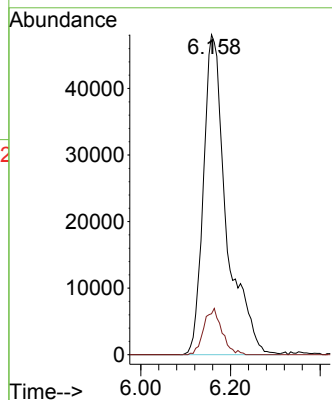
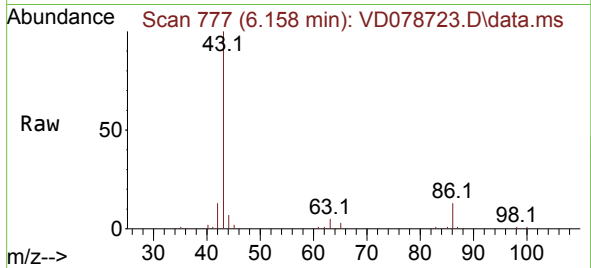




#23
 Vinyl Acetate
 Concen: 107.498 ug/l
 RT: 6.158 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VD078723.D
 Acq: 21 Mar 2024 11:40

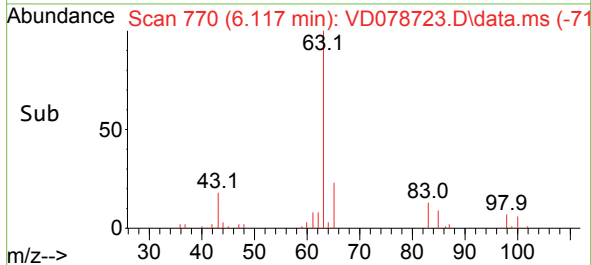
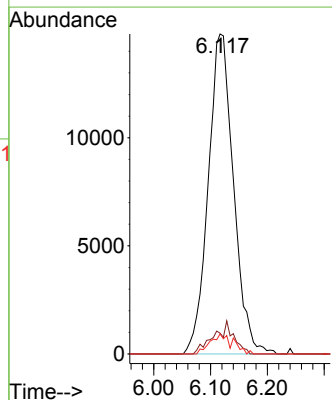
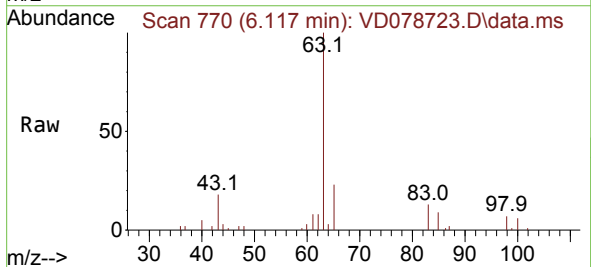
Instrument :
 MSVOA_D
 ClientSampleId :

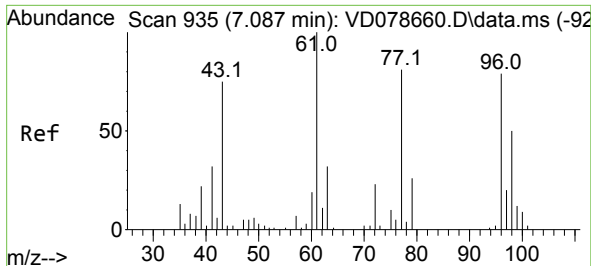
Tgt Ion: 43 Resp: 171560
 Ion Ratio Lower Upper
 43 100
 86 12.8 10.7 16.1



#24
 1,1-Dichloroethane
 Concen: 22.394 ug/l
 RT: 6.117 min Scan# 770
 Delta R.T. 0.000 min
 Lab File: VD078723.D
 Acq: 21 Mar 2024 11:40

Tgt Ion: 63 Resp: 45809
 Ion Ratio Lower Upper
 63 100
 98 6.5 4.0 11.9
 100 6.2 2.7 8.1





#25

2-Butanone

Concen: 112.191 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD078723.D

Acq: 21 Mar 2024 11:40

Instrument :

MSVOA_D

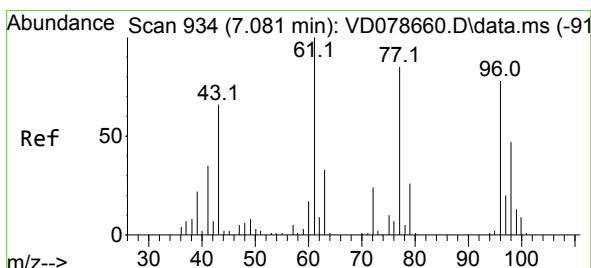
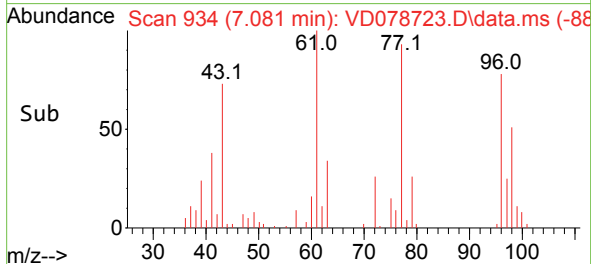
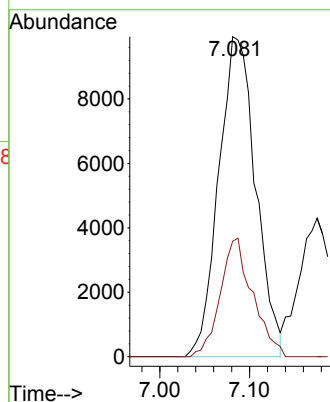
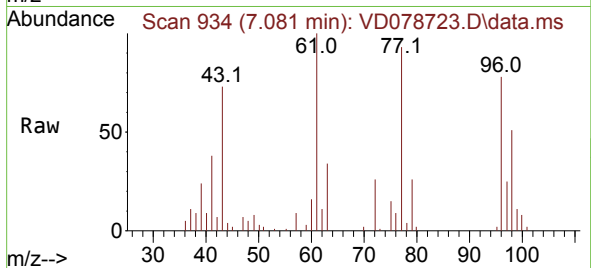
ClientSampleId :

Tgt Ion: 43 Resp: 28413

Ion Ratio Lower Upper

43 100

72 36.1 25.0 37.6



#26

2,2-Dichloropropane

Concen: 21.835 ug/l

RT: 7.087 min Scan# 935

Delta R.T. 0.006 min

Lab File: VD078723.D

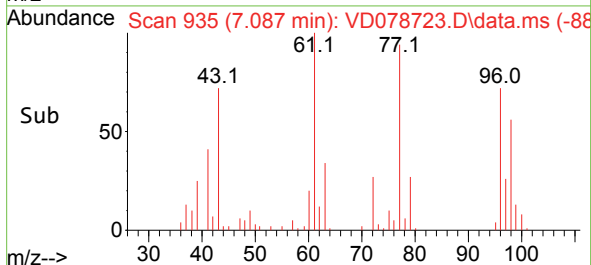
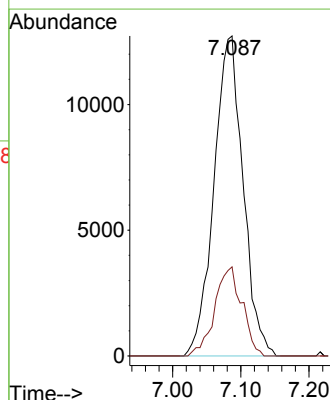
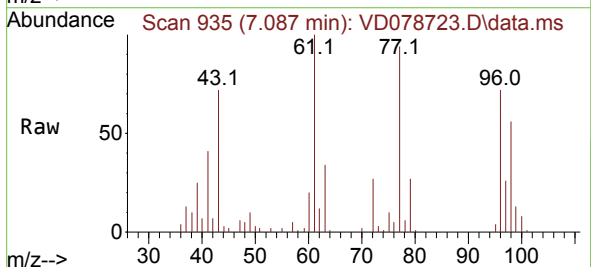
Acq: 21 Mar 2024 11:40

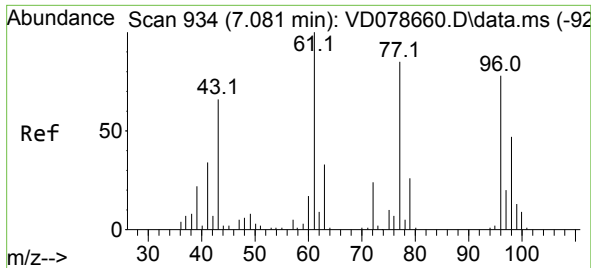
Tgt Ion: 77 Resp: 37789

Ion Ratio Lower Upper

77 100

97 26.1 12.4 37.0

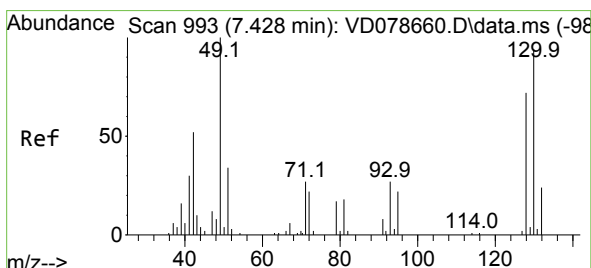
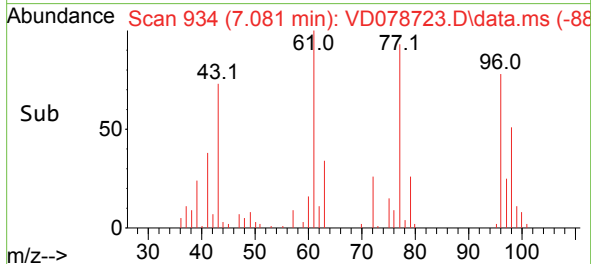
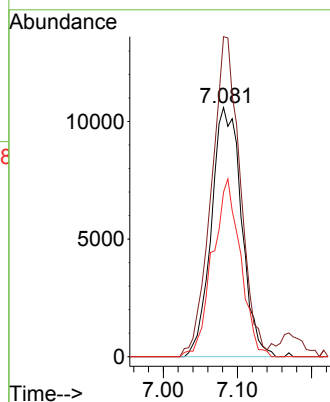
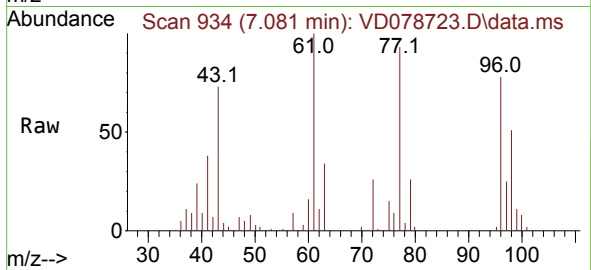




#27
 cis-1,2-Dichloroethene
 Concen: 20.633 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VD078723.D
 Acq: 21 Mar 2024 11:40

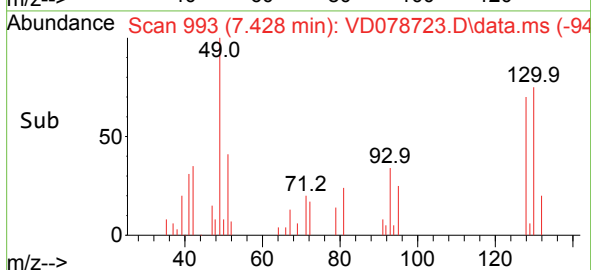
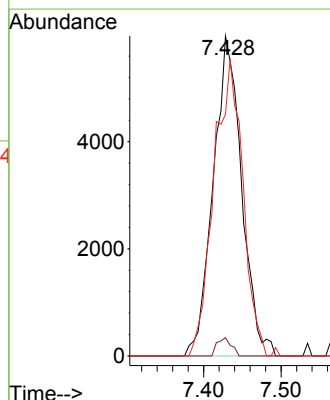
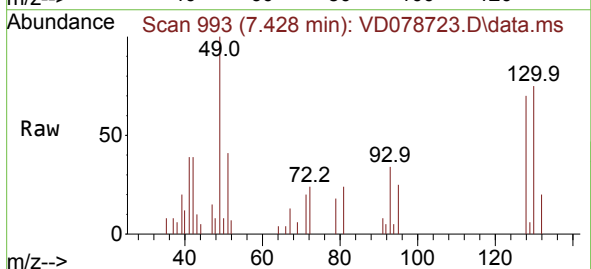
Instrument :
 MSVOA_D
 ClientSampleId :

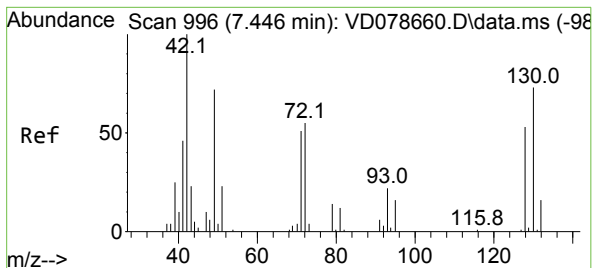
Tgt Ion: 96 Resp: 29864
 Ion Ratio Lower Upper
 96 100
 61 122.9 0.0 245.0
 98 66.4 0.0 126.6



#28
 Bromochloromethane
 Concen: 20.877 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.000 min
 Lab File: VD078723.D
 Acq: 21 Mar 2024 11:40

Tgt Ion: 49 Resp: 15225
 Ion Ratio Lower Upper
 49 100
 129 2.9 0.0 6.2
 130 94.8 77.1 115.7





#29

Tetrahydrofuran

Concen: 112.053 ug/l

RT: 7.452 min Scan# 997

Delta R.T. 0.006 min

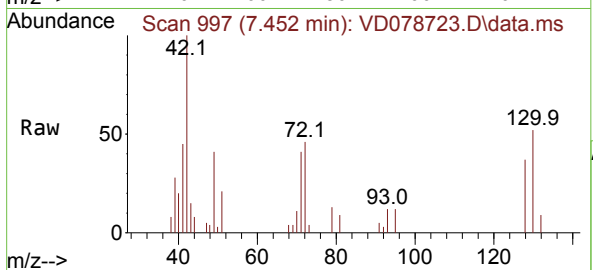
Lab File: VD078723.D

Acq: 21 Mar 2024 11:40

Instrument :

MSVOA_D

ClientSampleId :



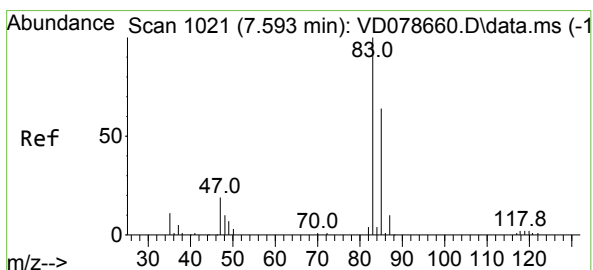
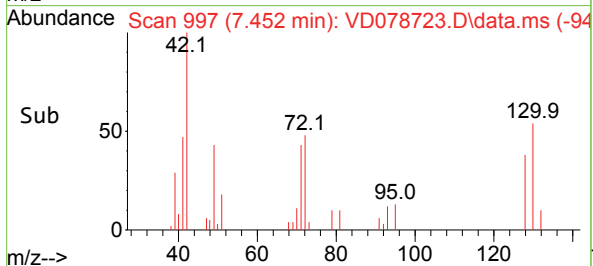
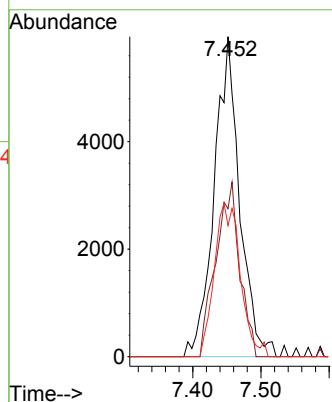
Tgt Ion: 42 Resp: 15435

Ion Ratio Lower Upper

42 100

72 51.0 43.8 65.6

71 49.2 42.0 63.0



#30

Chloroform

Concen: 22.371 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VD078723.D

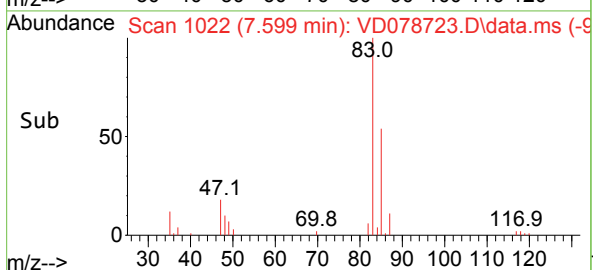
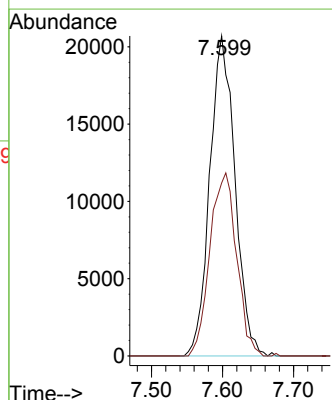
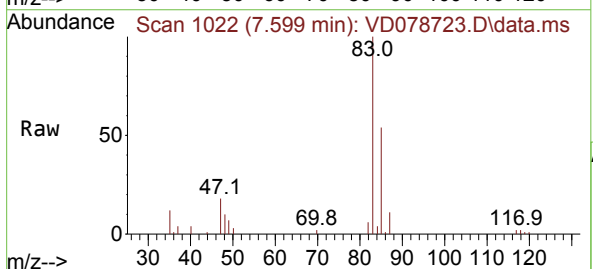
Acq: 21 Mar 2024 11:40

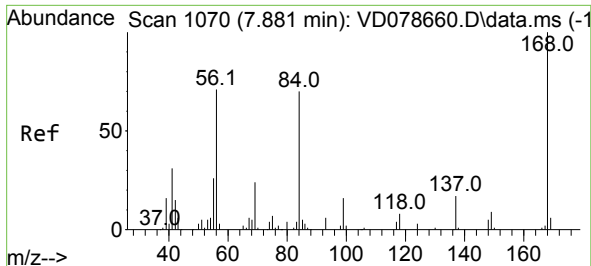
Tgt Ion: 83 Resp: 51023

Ion Ratio Lower Upper

83 100

85 54.1 51.2 76.8

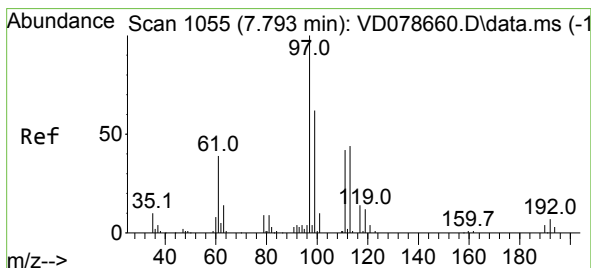
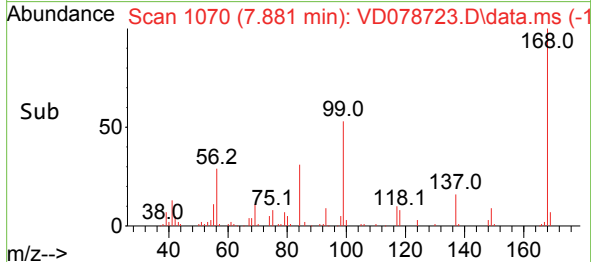
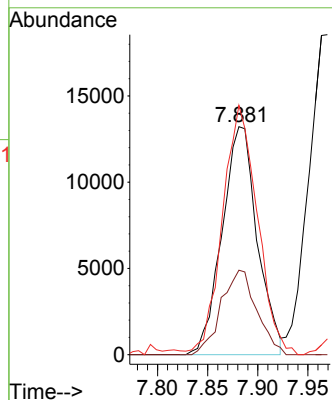
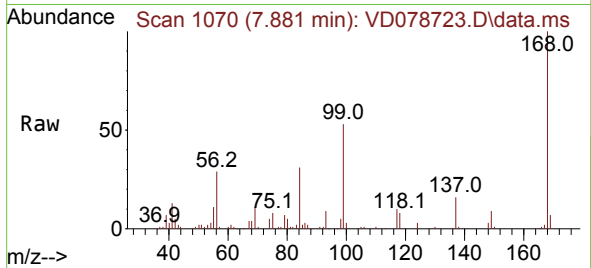




#31
Cyclohexane
Concen: 19.488 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD078723.D
Acq: 21 Mar 2024 11:40

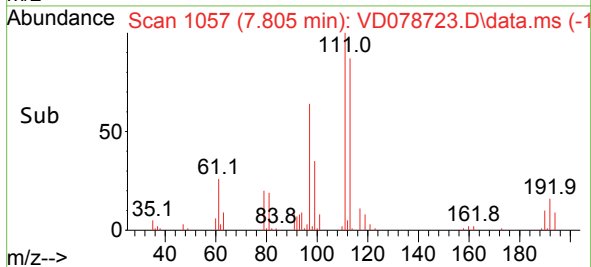
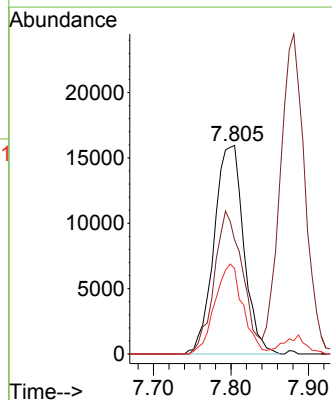
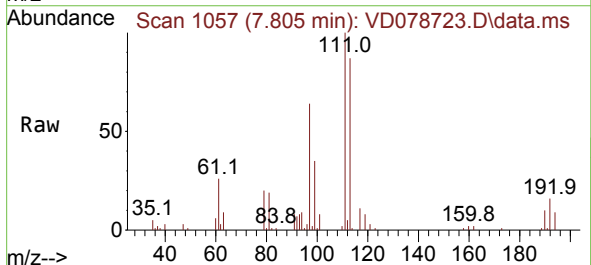
Instrument :
MSVOA_D
ClientSampleId :

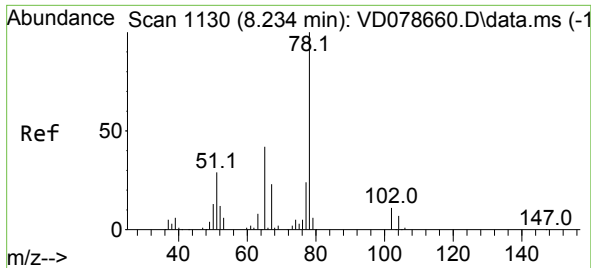
Tgt Ion: 56 Resp: 32267
Ion Ratio Lower Upper
56 100
69 37.1 26.6 40.0
84 107.7 79.4 119.2



#32
1,1,1-Trichloroethane
Concen: 21.935 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.012 min
Lab File: VD078723.D
Acq: 21 Mar 2024 11:40

Tgt Ion: 97 Resp: 42446
Ion Ratio Lower Upper
97 100
99 65.4 50.8 76.2
61 40.9 33.0 49.6





#33

1,2-Dichloroethane-d4

Concen: 56.382 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD078723.D

Acq: 21 Mar 2024 11:40

Instrument :

MSVOA_D

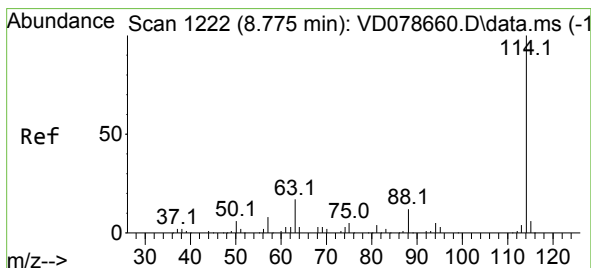
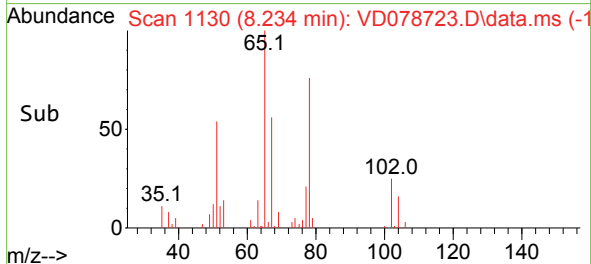
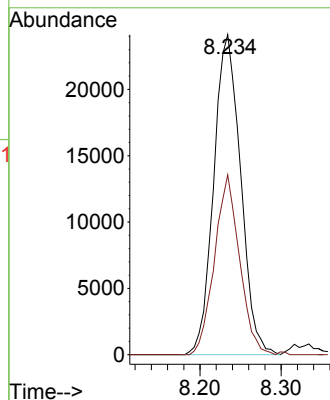
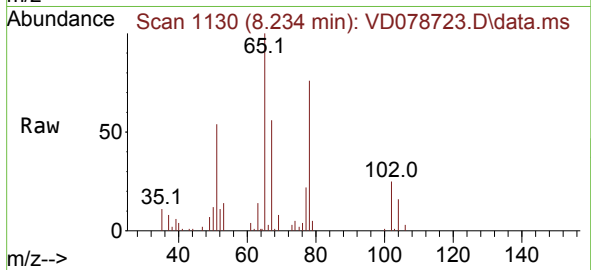
ClientSampleId :

Tgt Ion: 65 Resp: 55541

Ion Ratio Lower Upper

65 100

67 52.3 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD078723.D

Acq: 21 Mar 2024 11:40

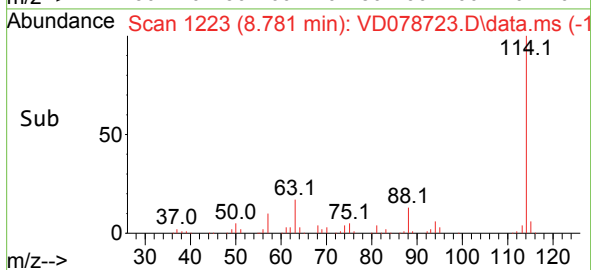
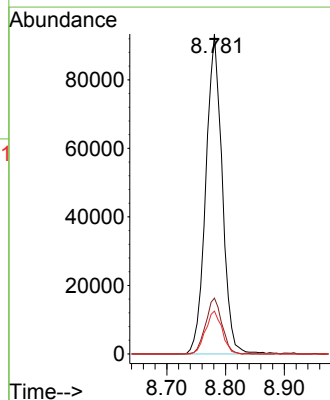
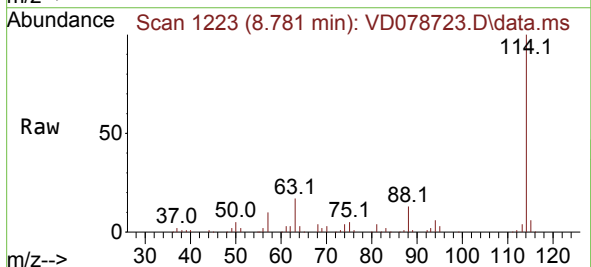
Tgt Ion: 114 Resp: 179895

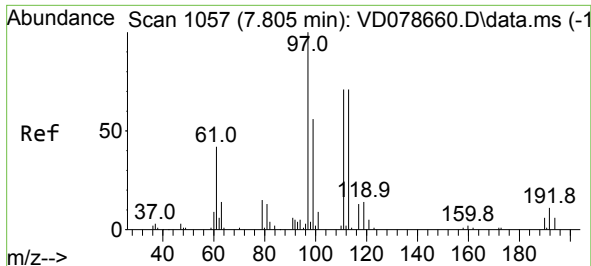
Ion Ratio Lower Upper

114 100

63 17.5 0.0 33.4

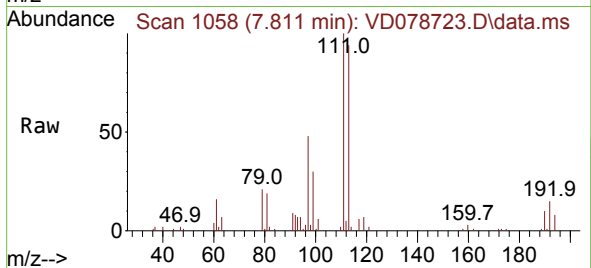
88 13.4 0.0 24.6



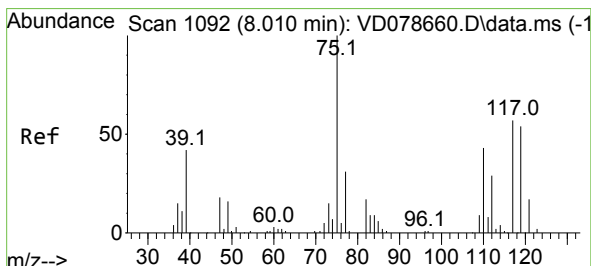
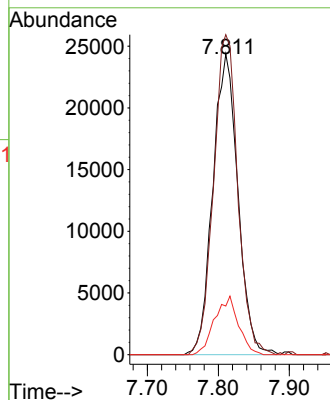
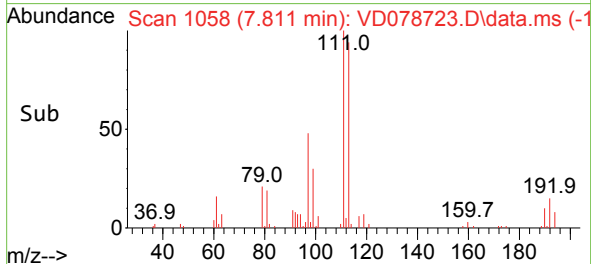


#35
Dibromofluoromethane
Concen: 51.598 ug/l
RT: 7.811 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VD078723.D
Acq: 21 Mar 2024 11:40

Instrument :
MSVOA_D
ClientSampleId :

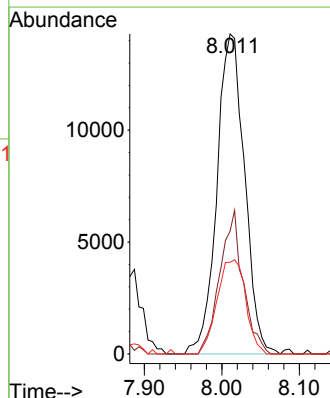
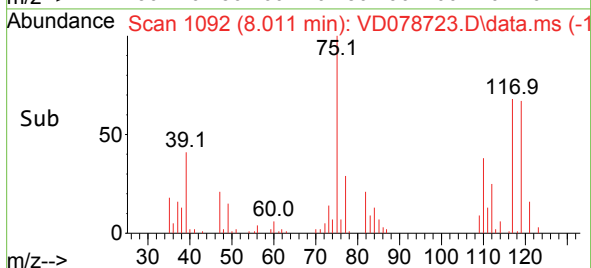
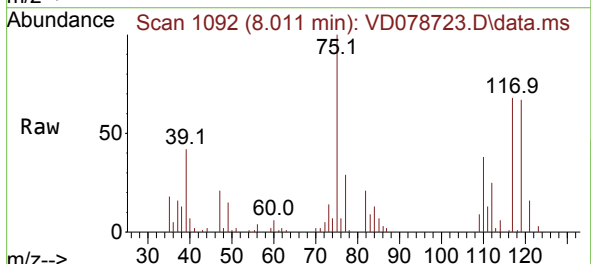


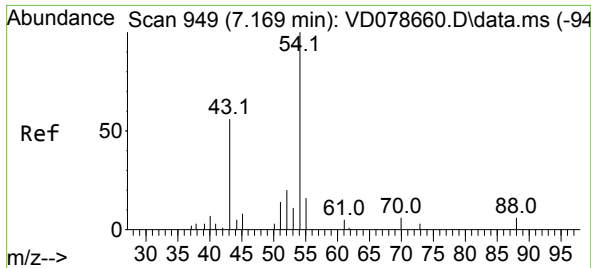
Tgt Ion:113 Resp: 59763
Ion Ratio Lower Upper
113 100
111 102.6 81.9 122.9
192 18.5 15.4 23.0



#36
1,1-Dichloropropene
Concen: 21.119 ug/l
RT: 8.011 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VD078723.D
Acq: 21 Mar 2024 11:40

Tgt Ion: 75 Resp: 35491
Ion Ratio Lower Upper
75 100
110 37.7 19.1 57.1
77 30.4 25.4 38.2

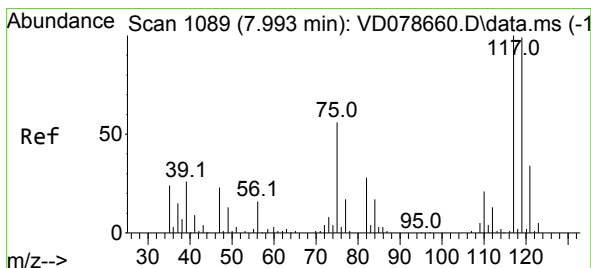
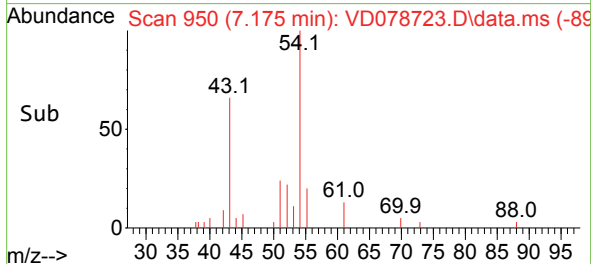
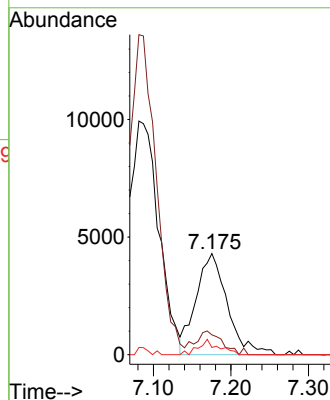
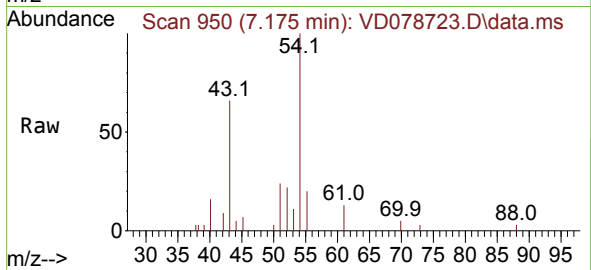




#37
Ethyl Acetate
Concen: 21.992 ug/l
RT: 7.175 min Scan# 910
Delta R.T. 0.006 min
Lab File: VD078723.D
Acq: 21 Mar 2024 11:40

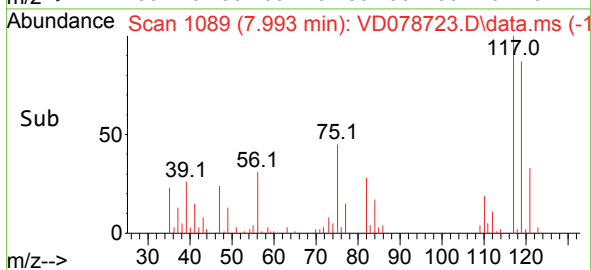
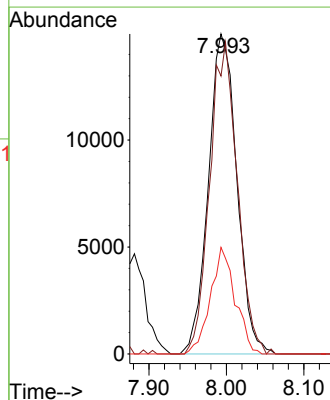
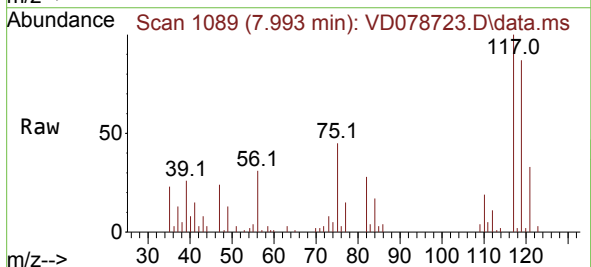
Instrument :
MSVOA_D
ClientSampleId :

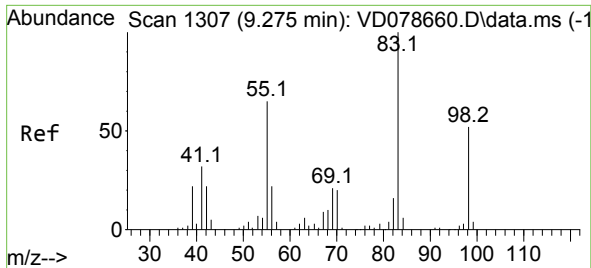
Tgt Ion: 43 Resp: 12074
Ion Ratio Lower Upper
43 100
61 20.3 14.6 21.8
70 9.7 9.4 14.0



#38
Carbon Tetrachloride
Concen: 21.572 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD078723.D
Acq: 21 Mar 2024 11:40

Tgt Ion: 117 Resp: 38219
Ion Ratio Lower Upper
117 100
119 86.8 79.2 118.8
121 33.3 26.8 40.2

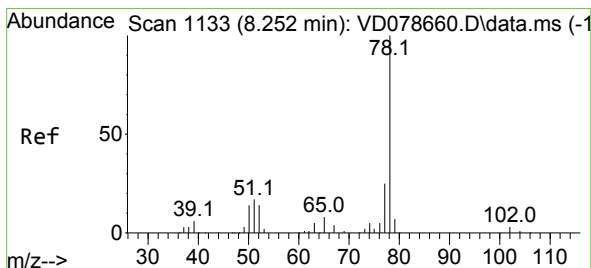
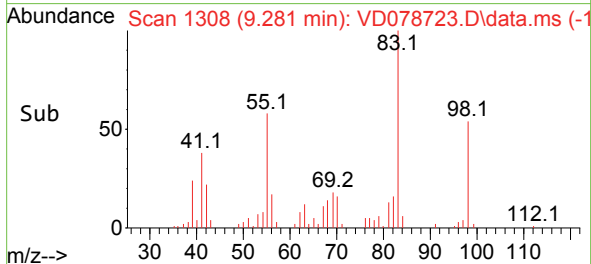
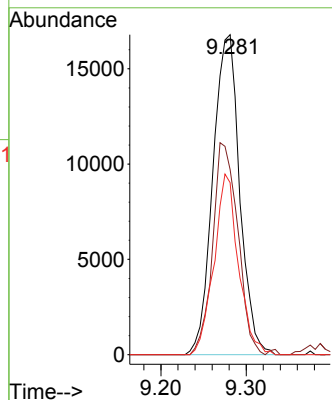
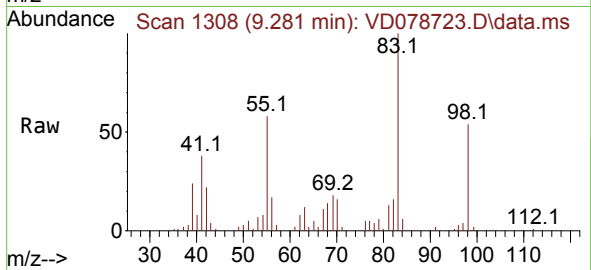




#39
Methylcyclohexane
Concen: 18.802 ug/l
RT: 9.281 min Scan# 11308
Delta R.T. 0.006 min
Lab File: VD078723.D
Acq: 21 Mar 2024 11:40

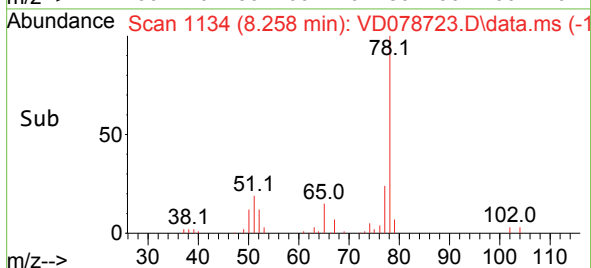
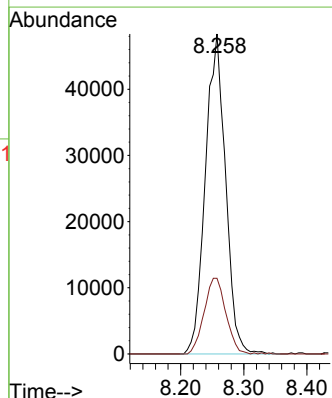
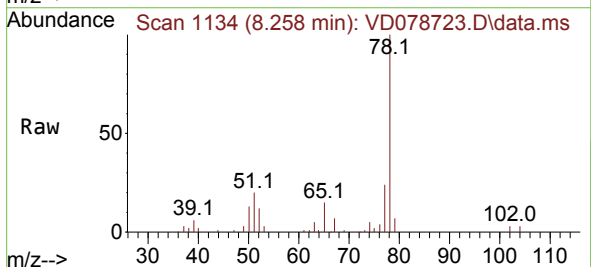
Instrument :
MSVOA_D
ClientSampleId :

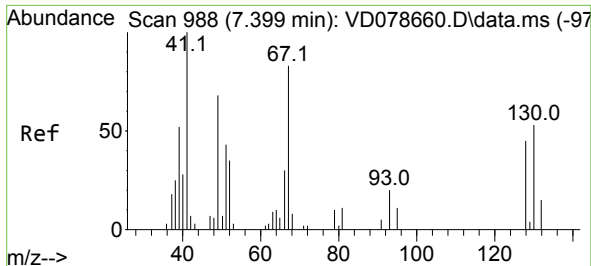
Tgt Ion: 83 Resp: 36655
Ion Ratio Lower Upper
83 100
55 57.8 51.7 77.5
98 53.8 41.4 62.0



#40
Benzene
Concen: 21.094 ug/l
RT: 8.258 min Scan# 1134
Delta R.T. 0.006 min
Lab File: VD078723.D
Acq: 21 Mar 2024 11:40

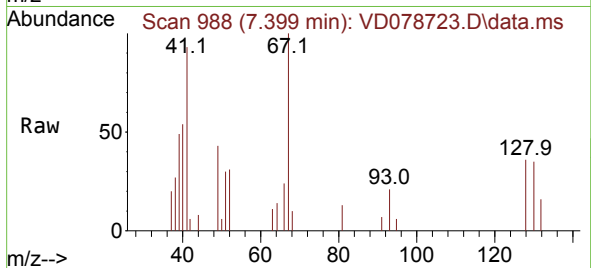
Tgt Ion: 78 Resp: 107158
Ion Ratio Lower Upper
78 100
77 23.7 20.4 30.6



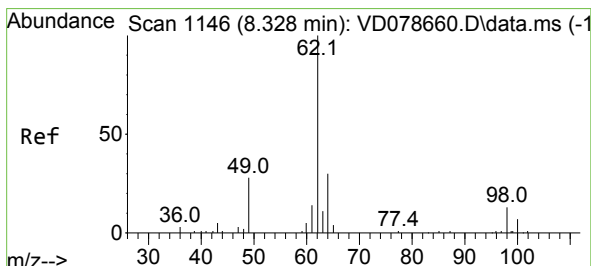
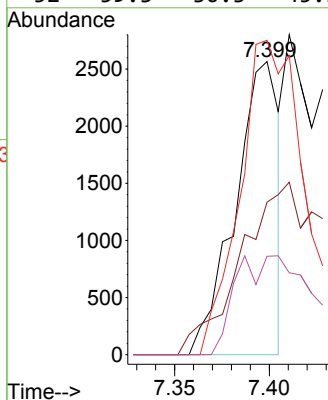
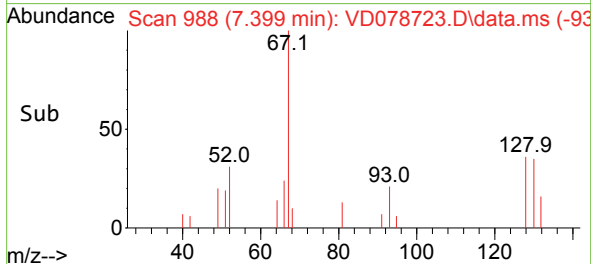


#41
Methacrylonitrile
Concen: 14.338 ug/l
RT: 7.399 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD078723.D
Acq: 21 Mar 2024 11:40

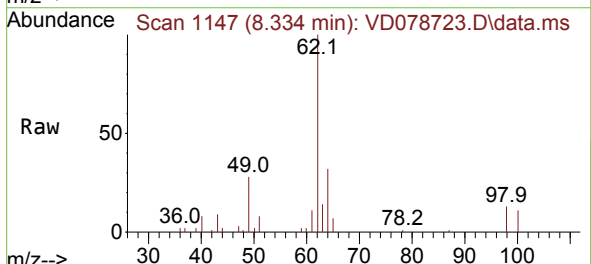
Instrument :
MSVOA_D
ClientSampleId :



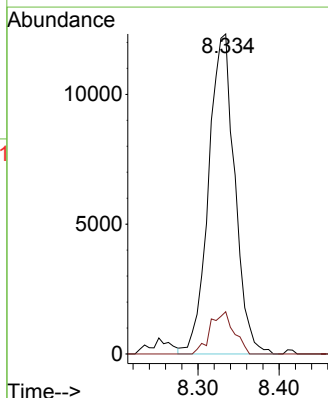
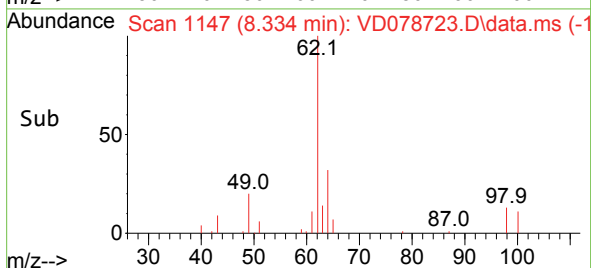
Tgt Ion:	41	Resp:	4125
Ion	Ratio	Lower	Upper
41	100		
39	78.6	39.8	59.6#
67	161.2	83.5	125.3#
52	59.3	30.3	45.5#

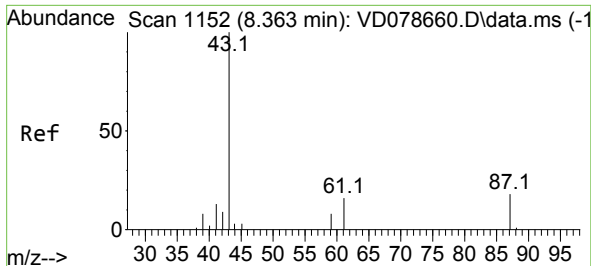


#42
1,2-Dichloroethane
Concen: 22.305 ug/l
RT: 8.334 min Scan# 1147
Delta R.T. 0.006 min
Lab File: VD078723.D
Acq: 21 Mar 2024 11:40



Tgt Ion:	62	Resp:	27633
Ion	Ratio	Lower	Upper
62	100		
98	12.0	0.0	23.8

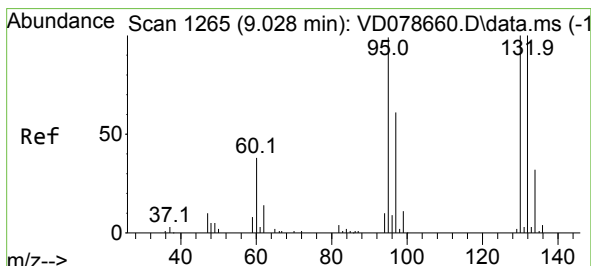
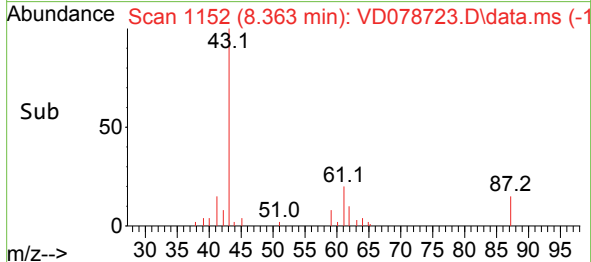
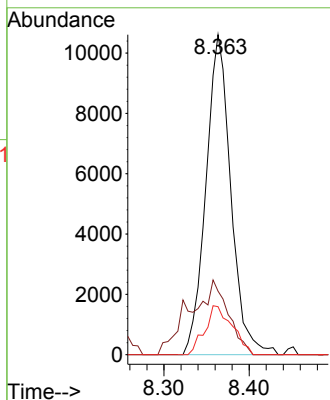
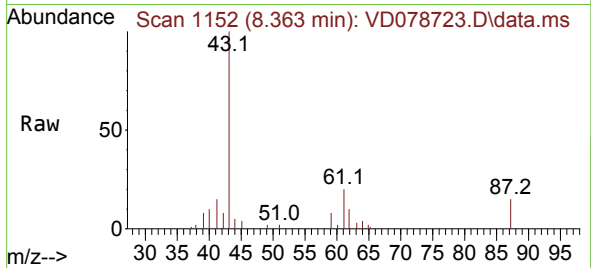




#43
Isopropyl Acetate
Concen: 21.574 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD078723.D
Acq: 21 Mar 2024 11:40

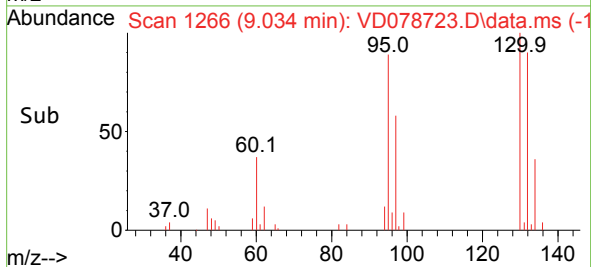
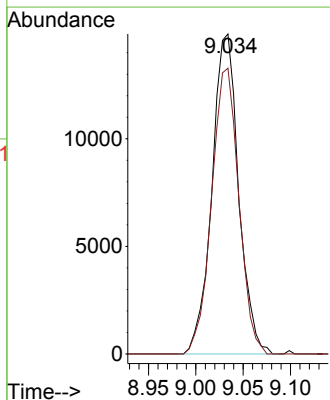
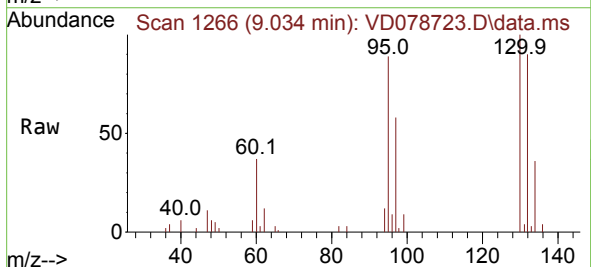
Instrument :
MSVOA_D
ClientSampleId :

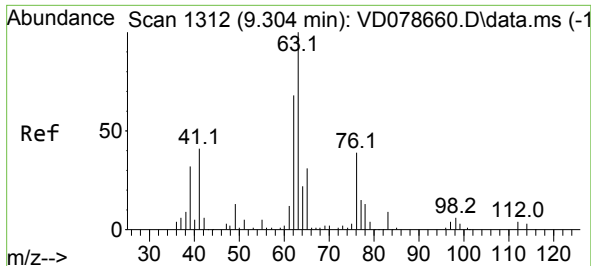
Tgt Ion	Ratio	Lower	Upper
43	100		
61	22.1	30.1	45.1#
87	16.8	14.4	21.6



#44
Trichloroethene
Concen: 21.148 ug/l
RT: 9.034 min Scan# 1266
Delta R.T. 0.006 min
Lab File: VD078723.D
Acq: 21 Mar 2024 11:40

Tgt Ion	Ratio	Lower	Upper
130	100		
95	89.3	0.0	197.8





#45

1,2-Dichloropropane

Concen: 22.770 ug/l

RT: 9.310 min Scan# 1313

Delta R.T. 0.006 min

Lab File: VD078723.D

Acq: 21 Mar 2024 11:40

Instrument :

MSVOA_D

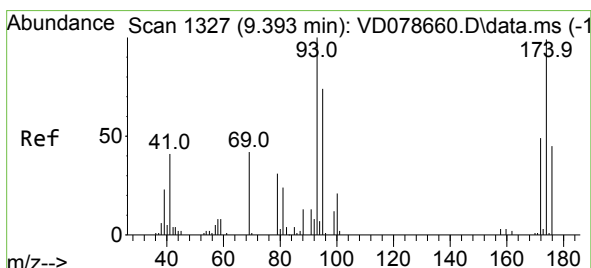
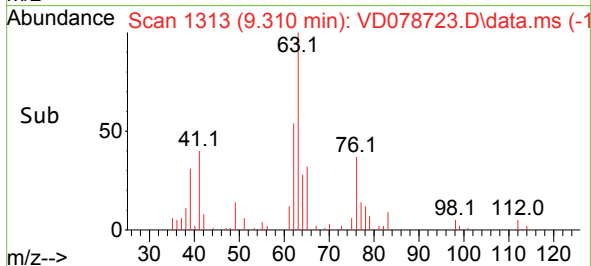
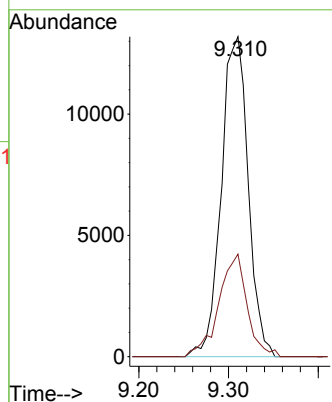
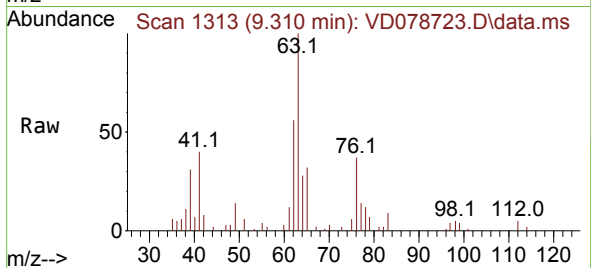
ClientSampleId :

Tgt Ion: 63 Resp: 27440

Ion Ratio Lower Upper

63 100

65 32.0 24.8 37.2



#46

Dibromomethane

Concen: 21.059 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD078723.D

Acq: 21 Mar 2024 11:40

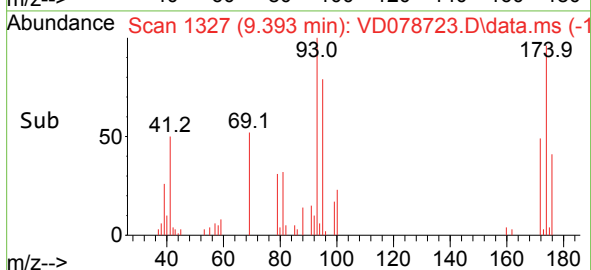
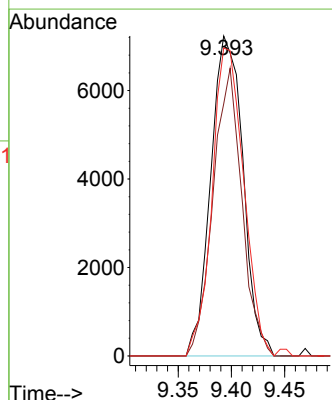
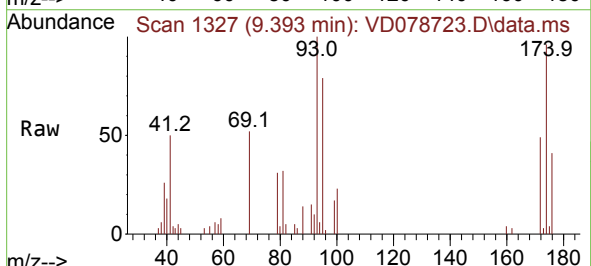
Tgt Ion: 93 Resp: 15213

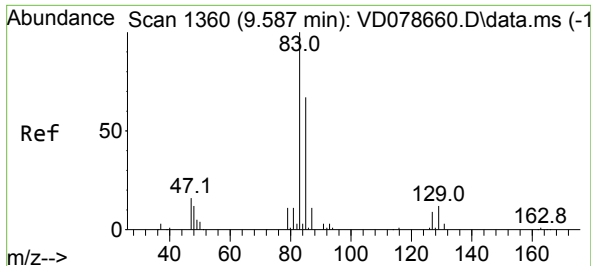
Ion Ratio Lower Upper

93 100

95 80.6 67.3 100.9

174 94.4 80.9 121.3

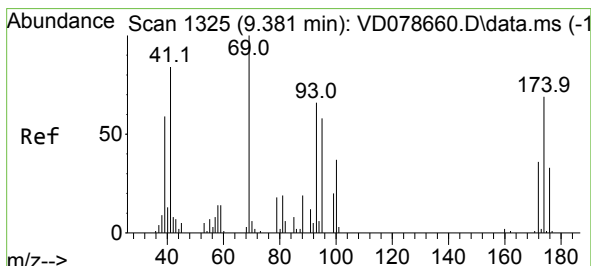
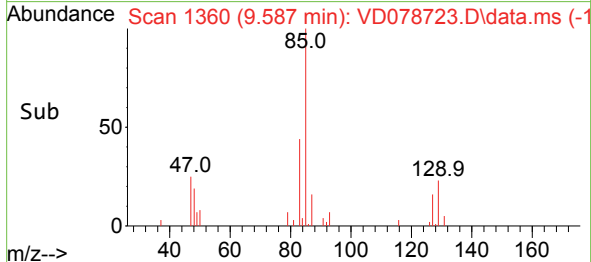
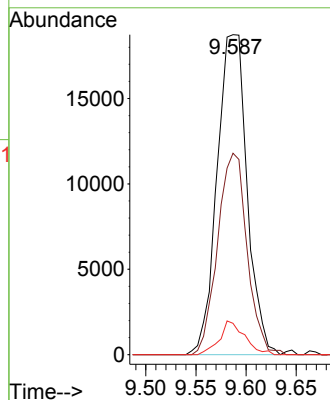
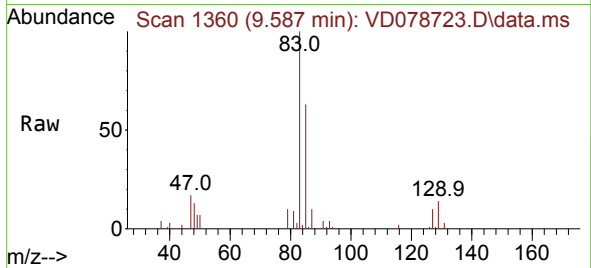




#47
Bromodichloromethane
Concen: 22.695 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD078723.D
Acq: 21 Mar 2024 11:40

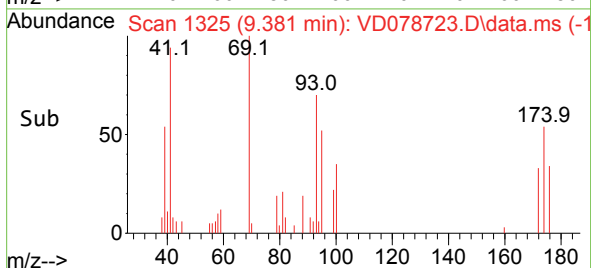
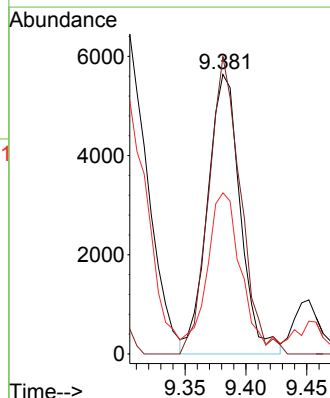
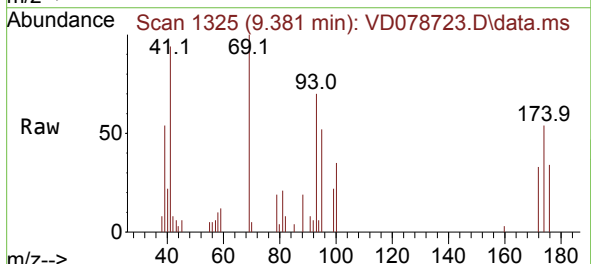
Instrument :
MSVOA_D
ClientSampleId :

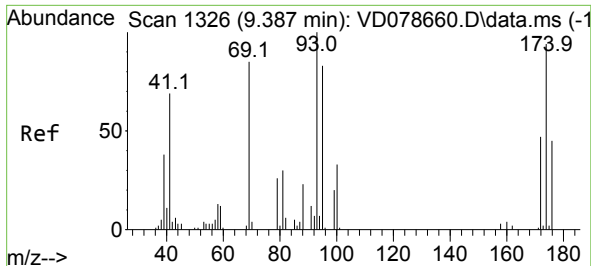
Tgt Ion: 83 Resp: 39029
Ion Ratio Lower Upper
83 100
85 63.0 54.0 81.0
127 9.8 7.1 10.7



#48
Methyl methacrylate
Concen: 21.721 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD078723.D
Acq: 21 Mar 2024 11:40

Tgt Ion: 41 Resp: 10567
Ion Ratio Lower Upper
41 100
69 103.6 88.3 132.5
39 61.2 46.6 69.8





#49

1,4-Dioxane

Concen: 356.278 ug/l

RT: 9.381 min Scan# 1

Delta R.T. -0.006 min

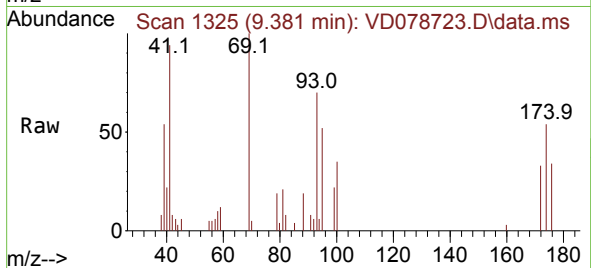
Lab File: VD078723.D

Acq: 21 Mar 2024 11:40

Instrument :

MSVOA_D

ClientSampleId :



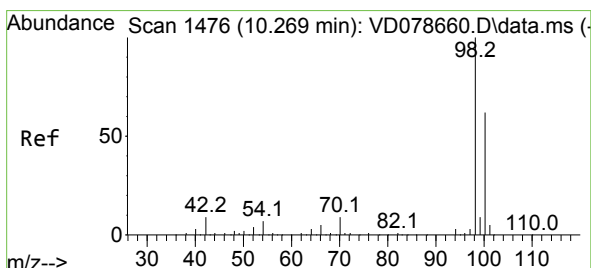
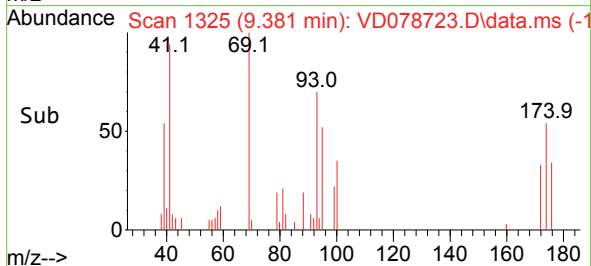
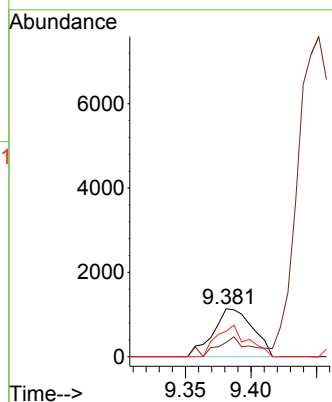
Tgt Ion: 88 Resp: 2383

Ion Ratio Lower Upper

88 100

43 35.4 23.2 34.8#

58 51.2 51.0 76.6



#50

Toluene-d8

Concen: 55.585 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078723.D

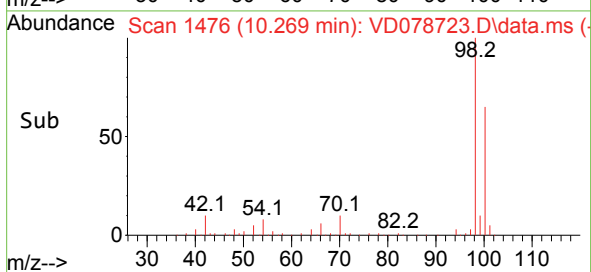
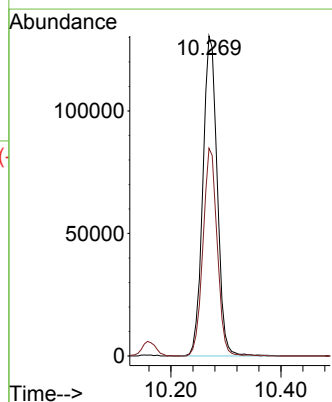
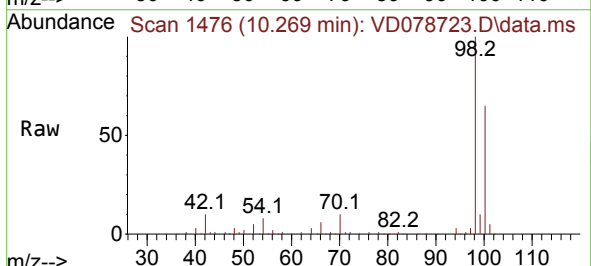
Acq: 21 Mar 2024 11:40

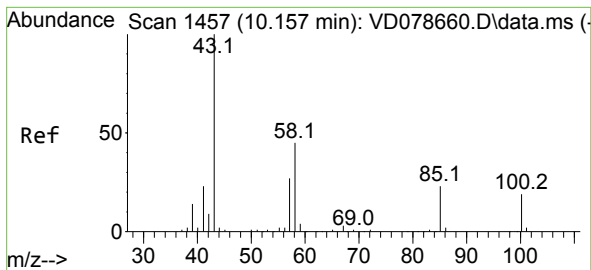
Tgt Ion: 98 Resp: 236774

Ion Ratio Lower Upper

98 100

100 64.1 50.5 75.7

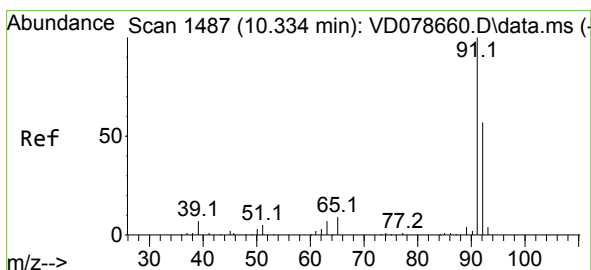
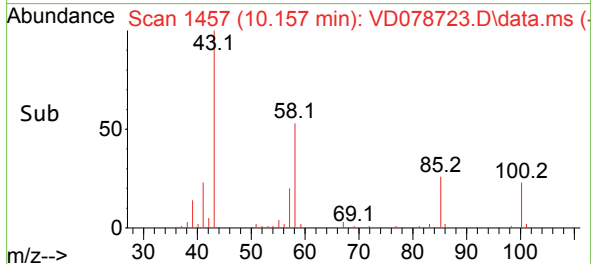
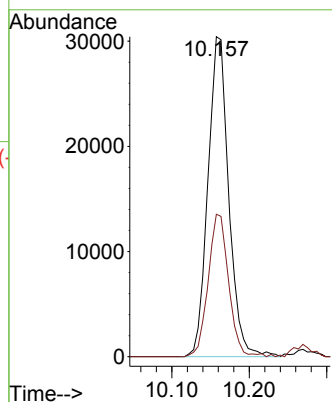
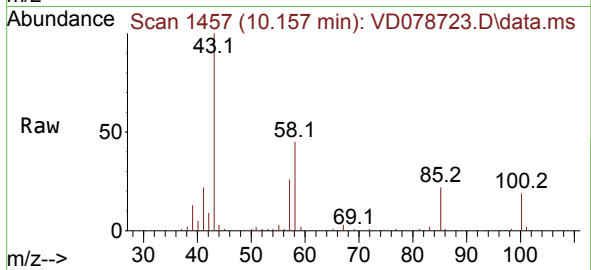




#51
4-Methyl-2-Pentanone
Concen: 109.065 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD078723.D
Acq: 21 Mar 2024 11:40

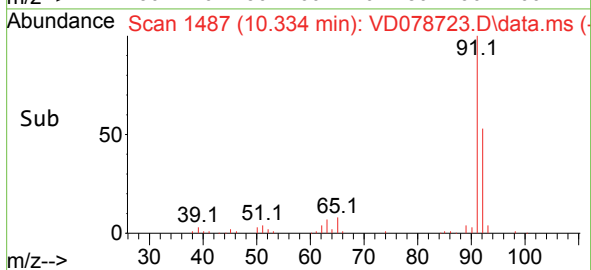
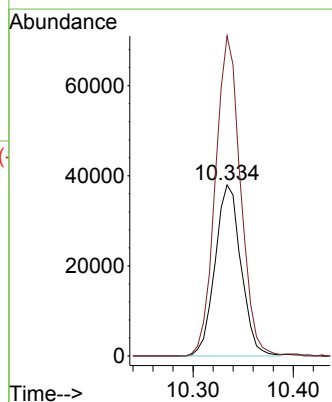
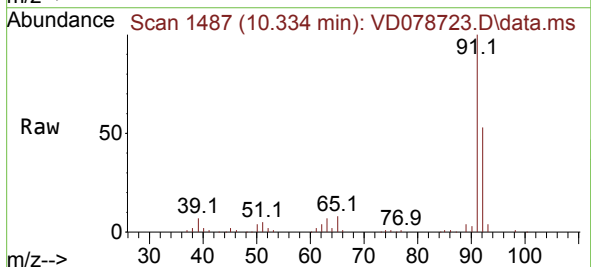
Instrument :
MSVOA_D
ClientSampleId :

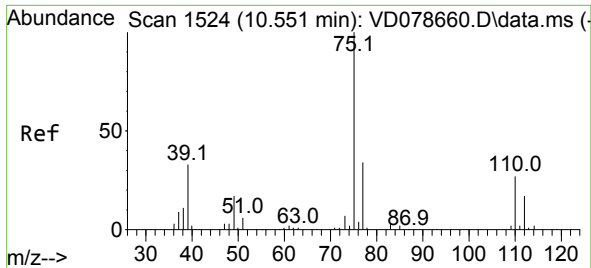
Tgt Ion: 43 Resp: 56929
Ion Ratio Lower Upper
43 100
58 43.8 36.4 54.6



#52
Toluene
Concen: 20.849 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078723.D
Acq: 21 Mar 2024 11:40

Tgt Ion: 92 Resp: 68189
Ion Ratio Lower Upper
92 100
91 182.2 136.6 205.0

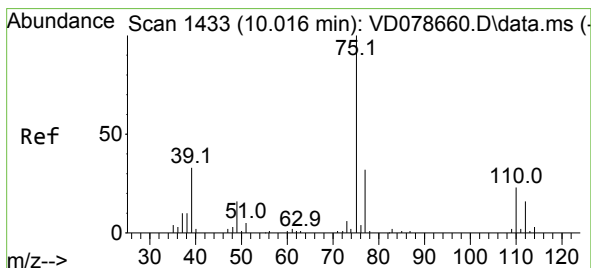
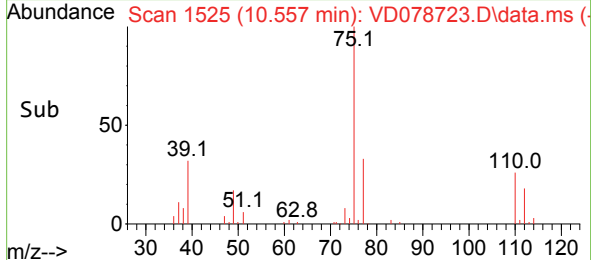
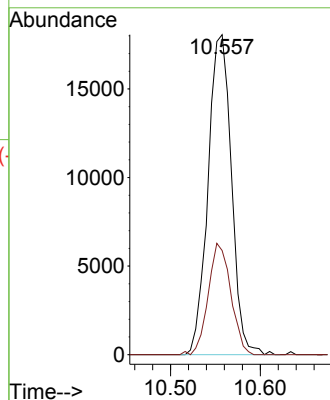
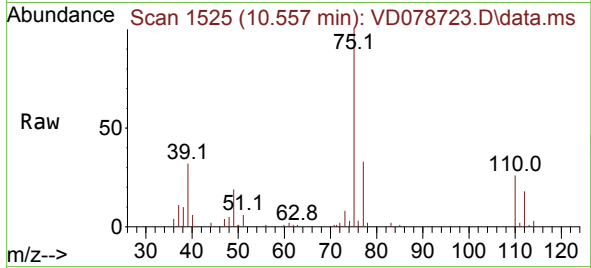




#53
 t-1,3-Dichloropropene
 Concen: 20.830 ug/l
 RT: 10.557 min Scan# 1524
 Delta R.T. 0.006 min
 Lab File: VD078723.D
 Acq: 21 Mar 2024 11:40

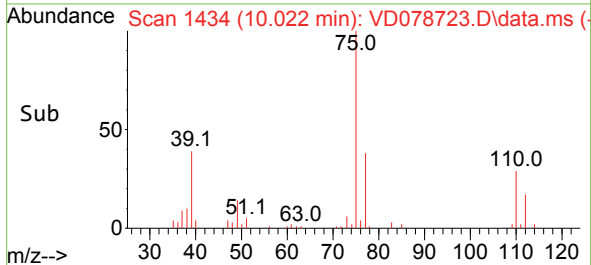
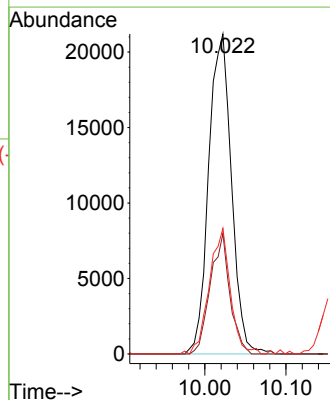
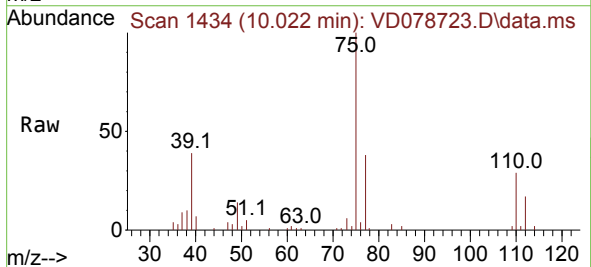
Instrument :
 MSVOA_D
 ClientSampleId :

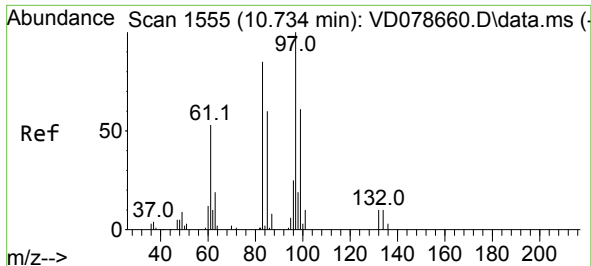
Tgt Ion: 75 Resp: 32752
 Ion Ratio Lower Upper
 75 100
 77 32.6 27.1 40.7



#54
 cis-1,3-Dichloropropene
 Concen: 21.837 ug/l
 RT: 10.022 min Scan# 1434
 Delta R.T. 0.006 min
 Lab File: VD078723.D
 Acq: 21 Mar 2024 11:40

Tgt Ion: 75 Resp: 41276
 Ion Ratio Lower Upper
 75 100
 77 37.6 25.4 38.0
 39 39.3 26.7 40.1

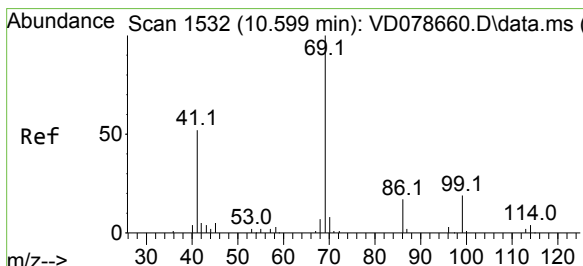
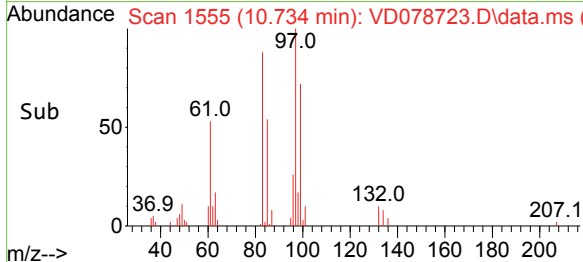
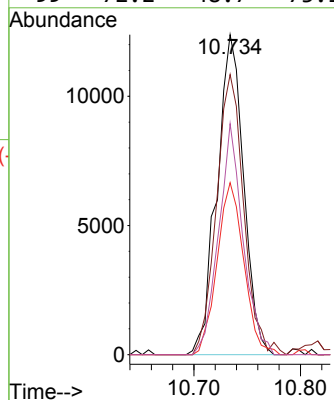
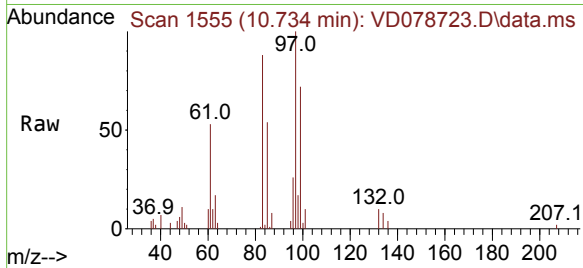




#55
1,1,2-Trichloroethane
Concen: 22.279 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD078723.D
Acq: 21 Mar 2024 11:40

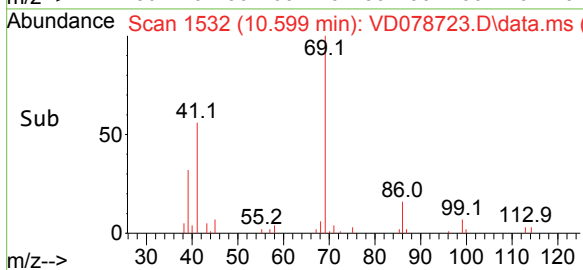
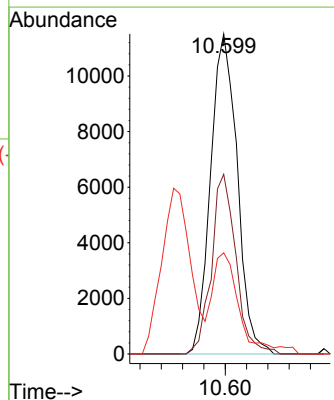
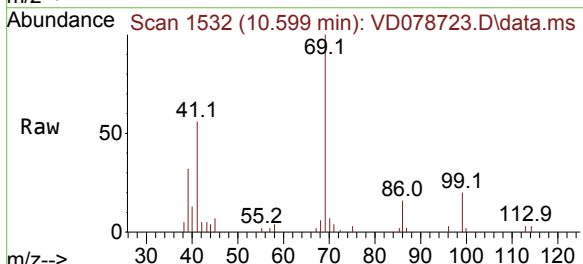
Instrument :
MSVOA_D
ClientSampleId :

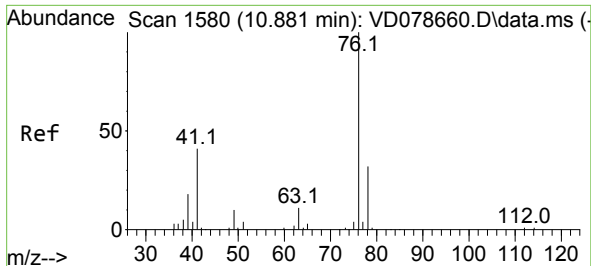
Tgt Ion:	97	Resp:	21552
Ion	Ratio	Lower	Upper
97	100		
83	87.5	68.1	102.1
85	53.7	48.2	72.2
99	72.2	48.7	73.1



#56
Ethyl methacrylate
Concen: 20.609 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD078723.D
Acq: 21 Mar 2024 11:40

Tgt Ion:	69	Resp:	19986
Ion	Ratio	Lower	Upper
69	100		
41	51.5	40.9	61.3
39	31.9	25.5	38.3





#57

1,3-Dichloropropane

Concen: 21.346 ug/l

RT: 10.875 min Scan# 1579

Delta R.T. -0.006 min

Lab File: VD078723.D

Acq: 21 Mar 2024 11:40

Instrument :

MSVOA_D

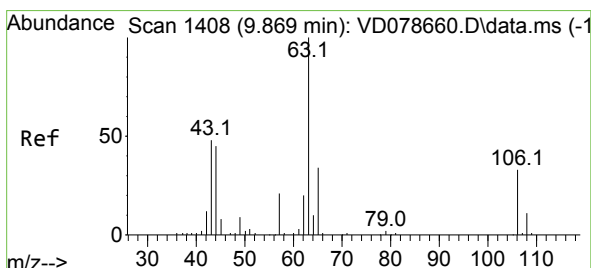
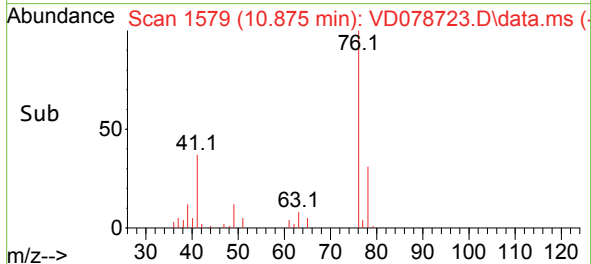
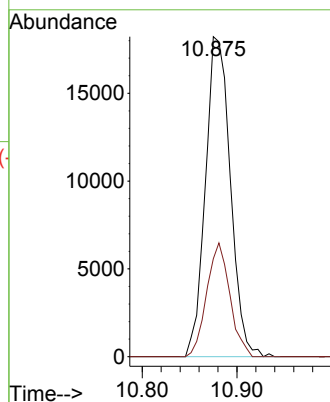
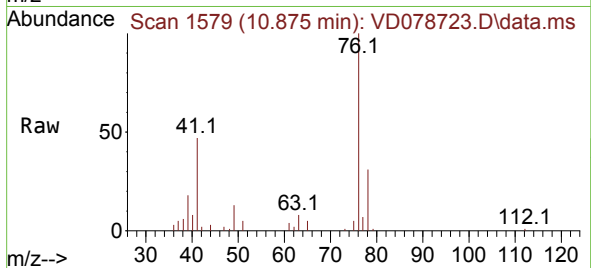
ClientSampleId :

Tgt Ion: 76 Resp: 33319

Ion Ratio Lower Upper

76 100

78 32.9 26.8 40.2



#58

2-Chloroethyl Vinyl ether

Concen: 100.156 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD078723.D

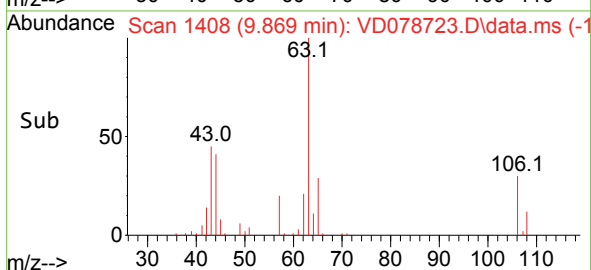
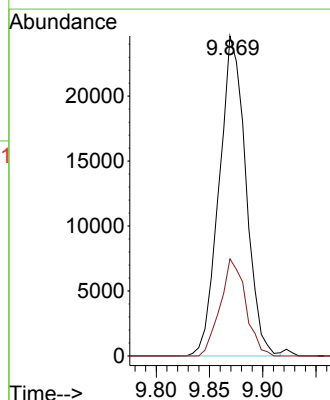
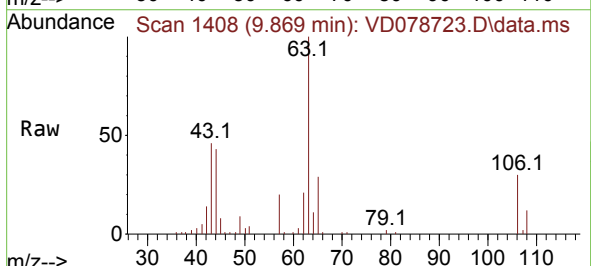
Acq: 21 Mar 2024 11:40

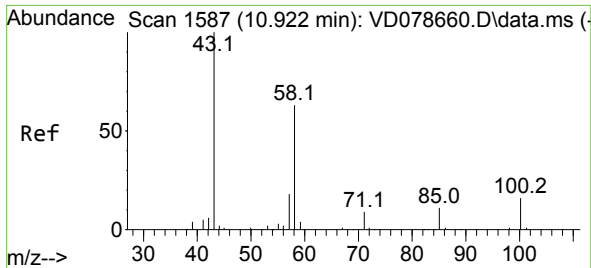
Tgt Ion: 63 Resp: 42828

Ion Ratio Lower Upper

63 100

106 28.9 25.2 37.8

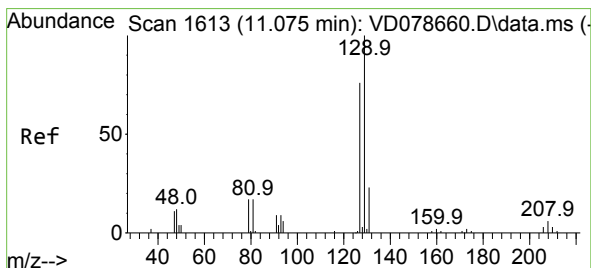
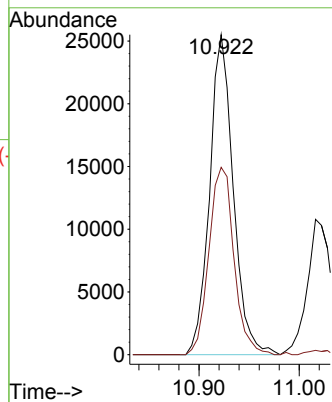
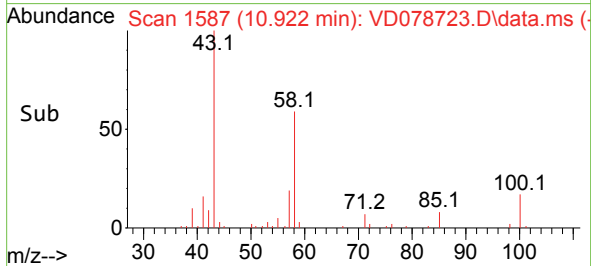
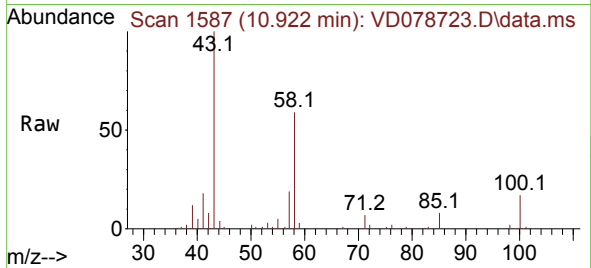




#59
2-Hexanone
Concen: 108.090 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078723.D
Acq: 21 Mar 2024 11:40

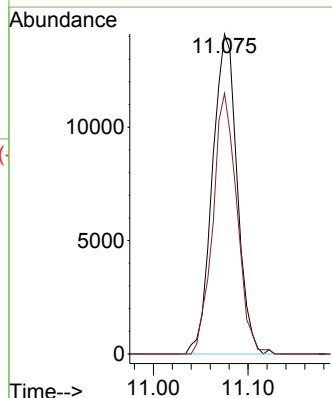
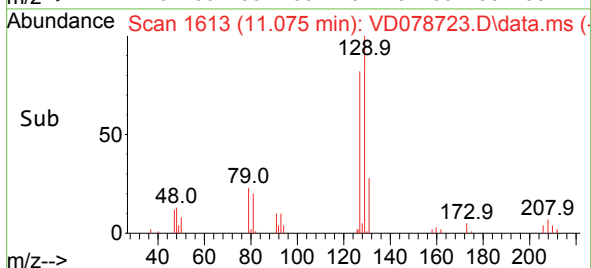
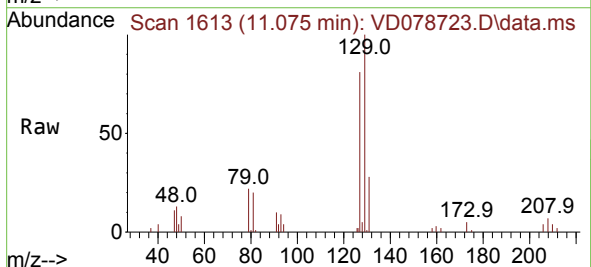
Instrument :
MSVOA_D
ClientSampleId :

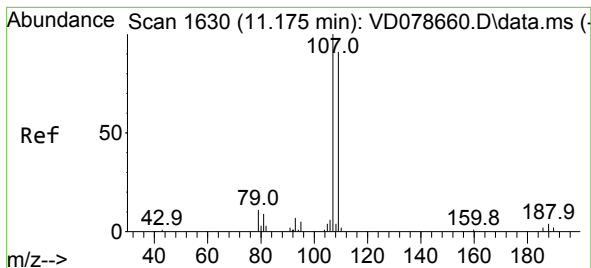
Tgt Ion: 43 Resp: 41825
Ion Ratio Lower Upper
43 100
58 62.0 31.5 94.5



#60
Dibromochloromethane
Concen: 21.450 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078723.D
Acq: 21 Mar 2024 11:40

Tgt Ion:129 Resp: 25589
Ion Ratio Lower Upper
129 100
127 79.3 38.8 116.3





#61

1,2-Dibromoethane

Concen: 19.655 ug/l

RT: 11.181 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD078723.D

Acq: 21 Mar 2024 11:40

Instrument :

MSVOA_D

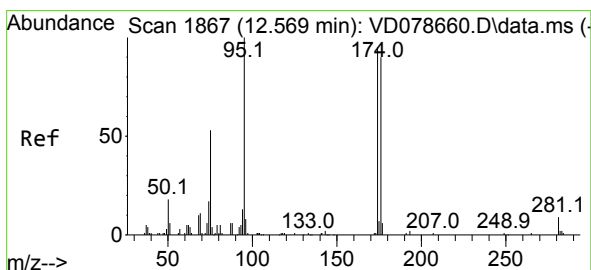
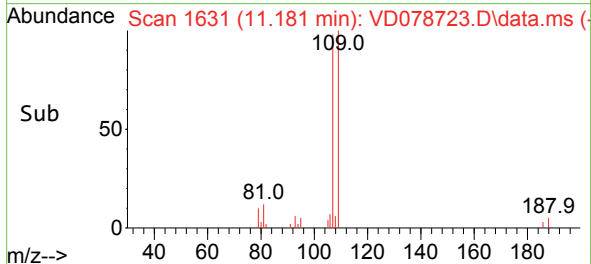
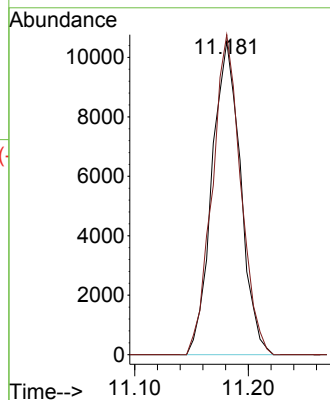
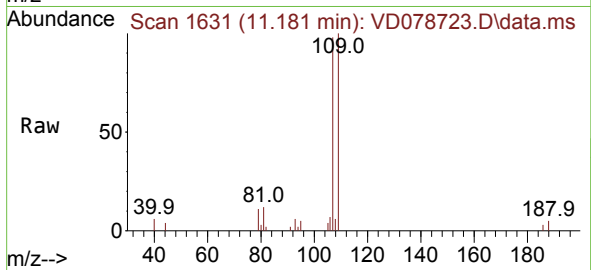
ClientSampleId :

Tgt Ion:107 Resp: 18401

Ion Ratio Lower Upper

107 100

109 101.9 74.8 112.2



#62

4-Bromofluorobenzene

Concen: 52.395 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. 0.006 min

Lab File: VD078723.D

Acq: 21 Mar 2024 11:40

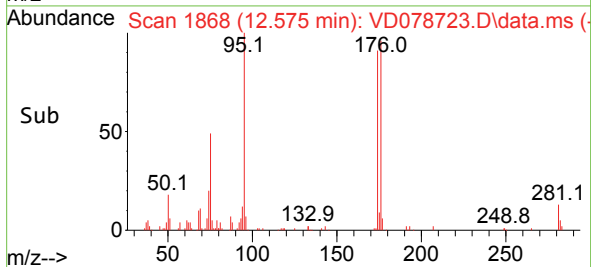
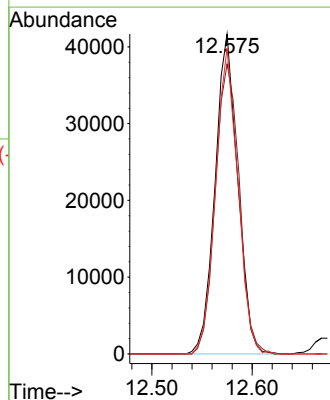
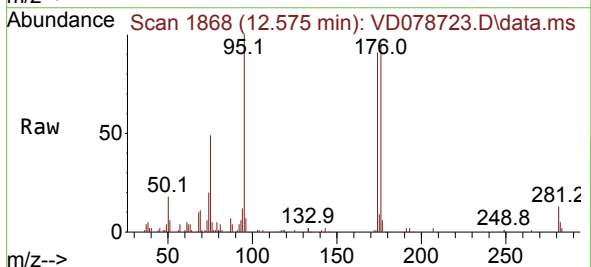
Tgt Ion: 95 Resp: 65294

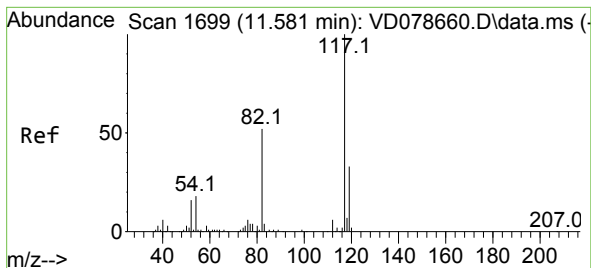
Ion Ratio Lower Upper

95 100

174 96.1 0.0 195.2

176 94.1 0.0 188.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. 0.000 min

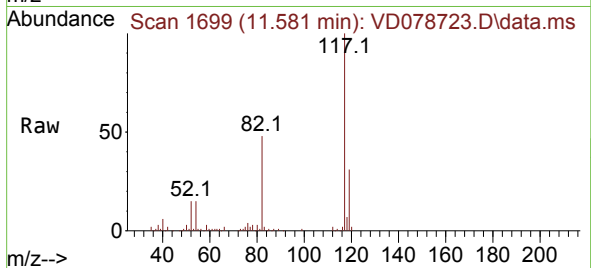
Lab File: VD078723.D

Acq: 21 Mar 2024 11:40

Instrument :

MSVOA_D

ClientSampleId :



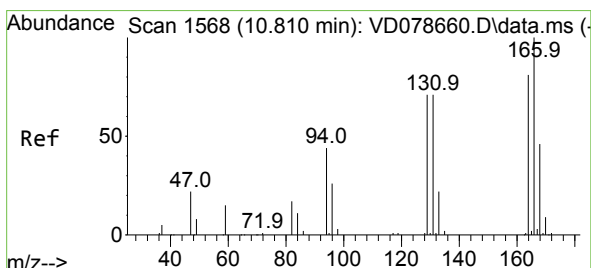
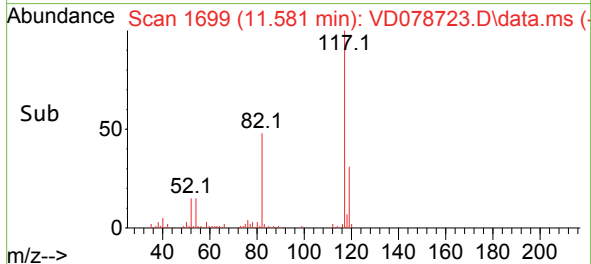
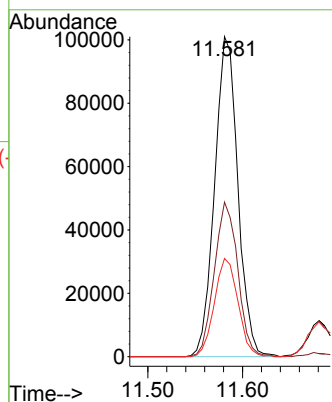
Tgt Ion:117 Resp: 172166

Ion Ratio Lower Upper

117 100

82 48.3 41.4 62.2

119 30.7 26.5 39.7



#64

Tetrachloroethene

Concen: 21.298 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD078723.D

Acq: 21 Mar 2024 11:40

Tgt Ion:164 Resp: 24265

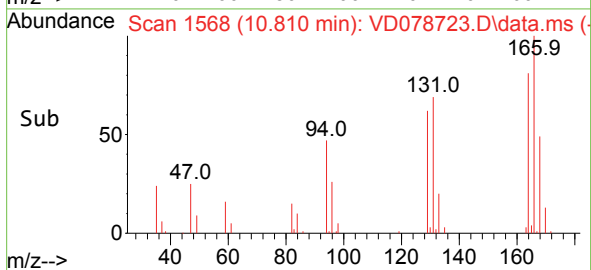
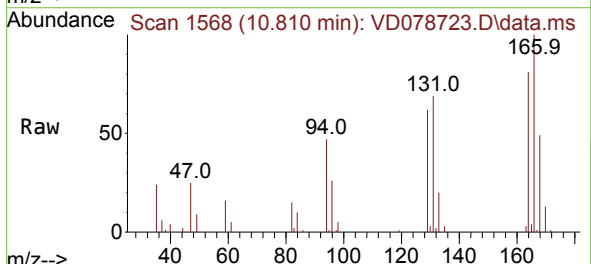
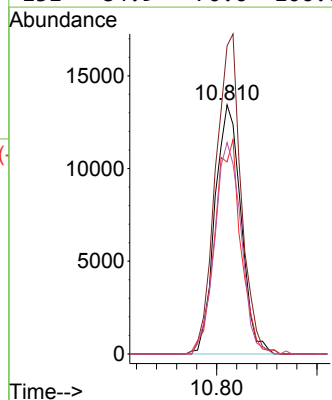
Ion Ratio Lower Upper

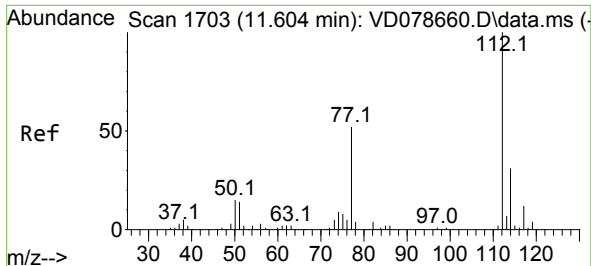
164 100

166 123.7 98.9 148.3

129 77.1 70.3 105.5

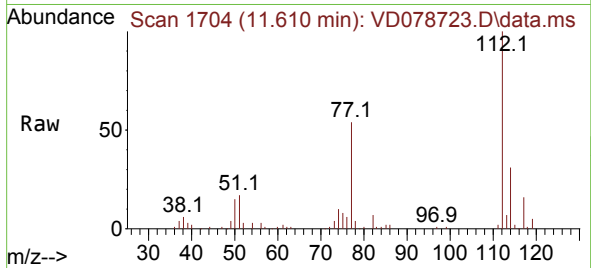
131 84.9 70.6 106.0



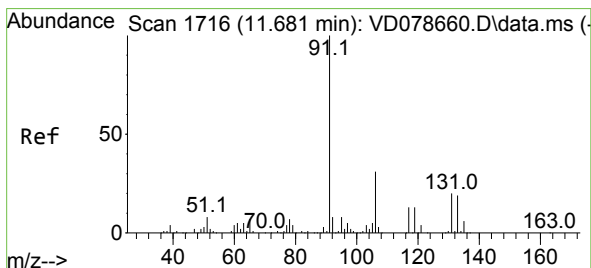
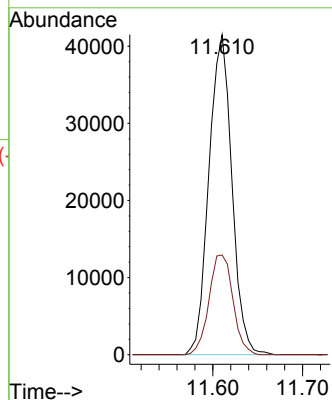
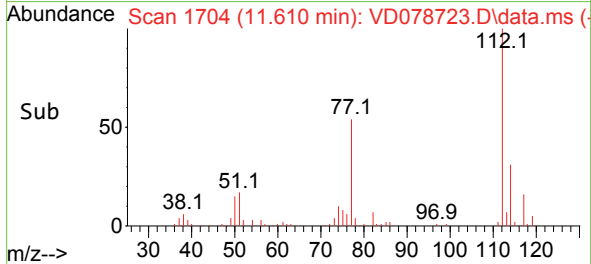


#65
Chlorobenzene
Concen: 20.485 ug/l
RT: 11.610 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD078723.D
Acq: 21 Mar 2024 11:40

Instrument :
MSVOA_D
ClientSampleId :

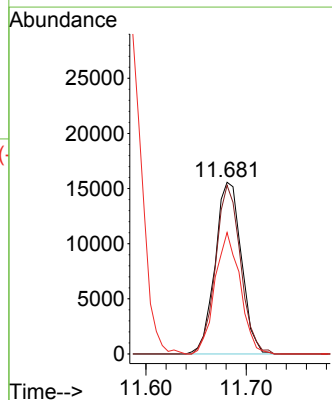
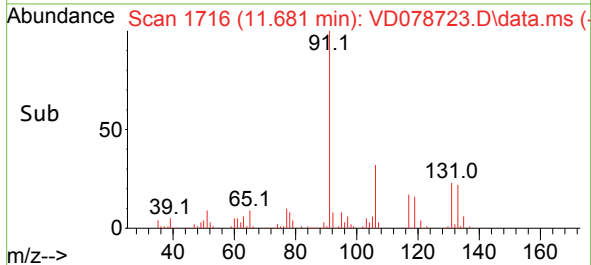
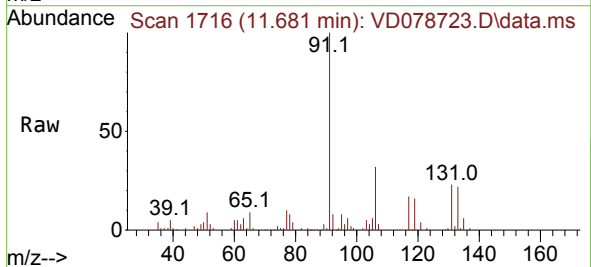


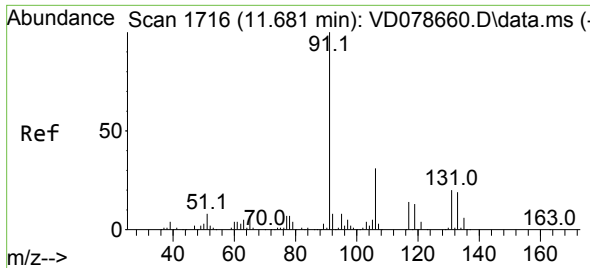
Tgt Ion:112 Resp: 73700
Ion Ratio Lower Upper
112 100
114 31.2 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 21.565 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078723.D
Acq: 21 Mar 2024 11:40

Tgt Ion:131 Resp: 28414
Ion Ratio Lower Upper
131 100
133 93.1 47.6 142.9
119 68.0 34.1 102.3

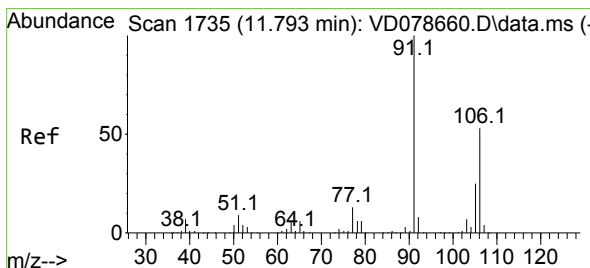
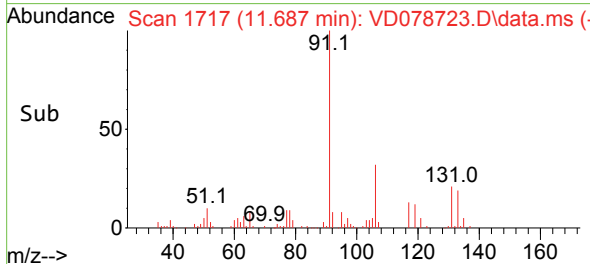
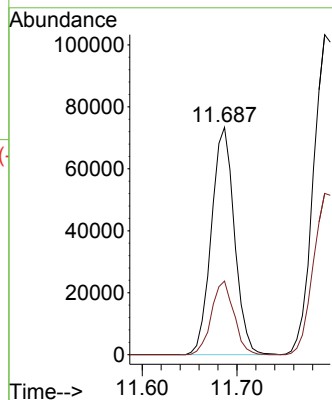
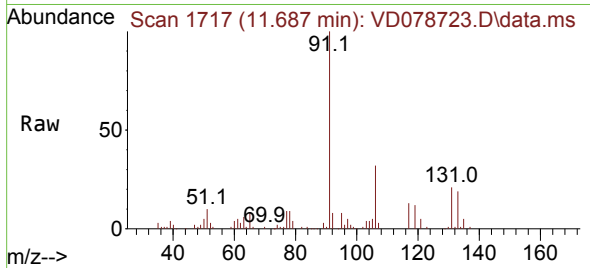




#67
Ethyl Benzene
Concen: 20.236 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. 0.006 min
Lab File: VD078723.D
Acq: 21 Mar 2024 11:40

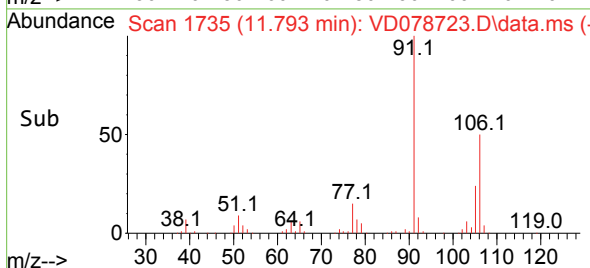
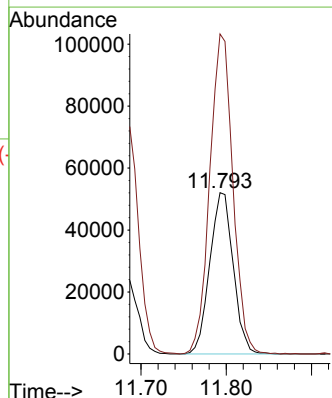
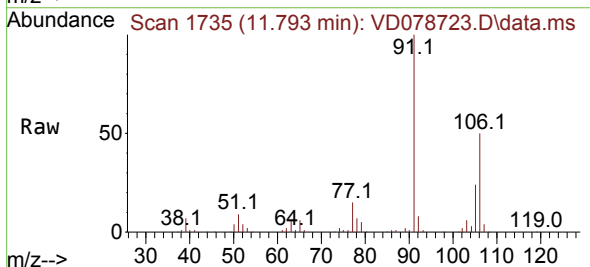
Instrument :
MSVOA_D
ClientSampleId :

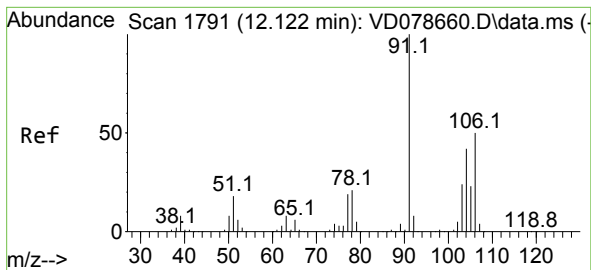
Tgt Ion: 91 Resp: 124063
Ion Ratio Lower Upper
91 100
106 32.4 24.5 36.7



#68
m/p-Xylenes
Concen: 39.923 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD078723.D
Acq: 21 Mar 2024 11:40

Tgt Ion:106 Resp: 99390
Ion Ratio Lower Upper
106 100
91 195.5 154.4 231.6

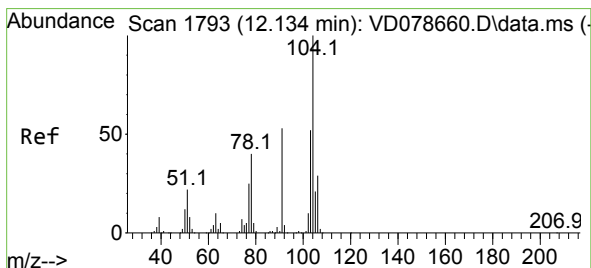
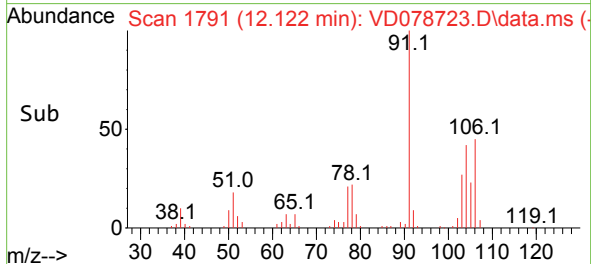
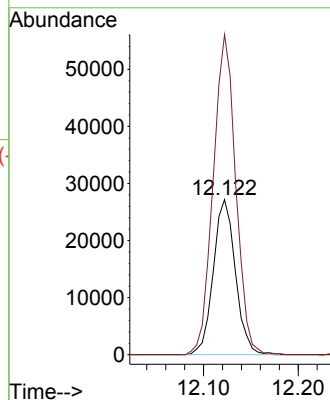
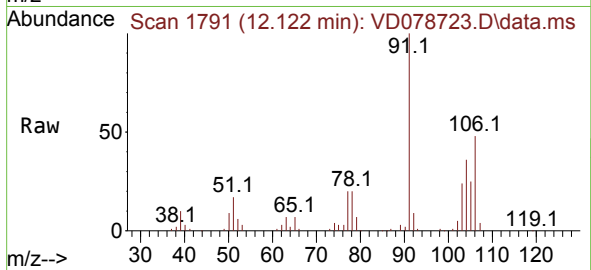




#69
o-Xylene
Concen: 19.141 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078723.D
Acq: 21 Mar 2024 11:40

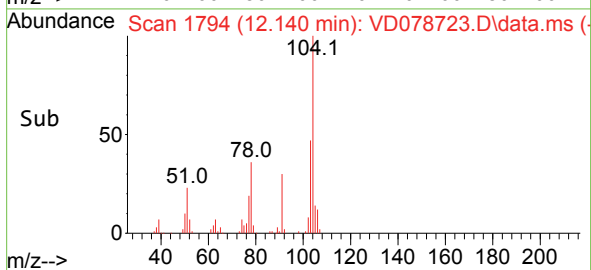
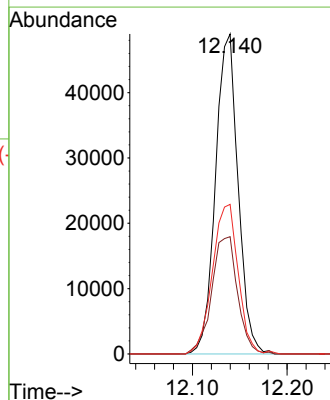
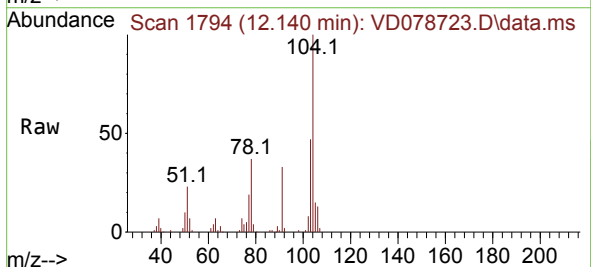
Instrument :
MSVOA_D
ClientSampleId :

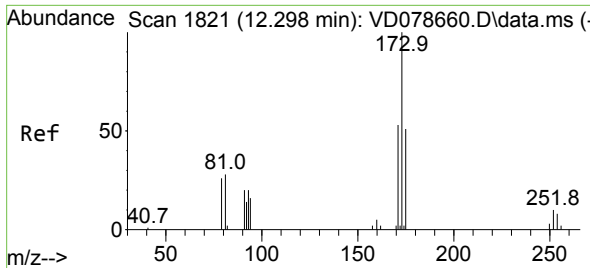
Tgt Ion:106 Resp: 44088
Ion Ratio Lower Upper
106 100
91 210.8 99.6 298.7



#70
Styrene
Concen: 20.988 ug/l
RT: 12.140 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VD078723.D
Acq: 21 Mar 2024 11:40

Tgt Ion:104 Resp: 81141
Ion Ratio Lower Upper
104 100
78 42.1 34.6 52.0
103 53.4 44.2 66.2

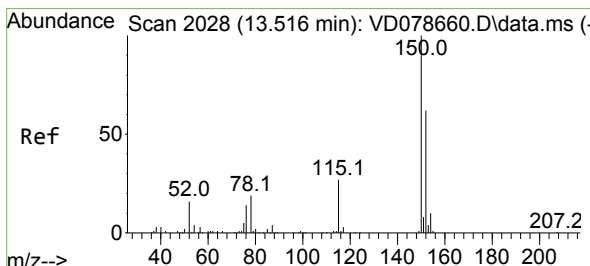
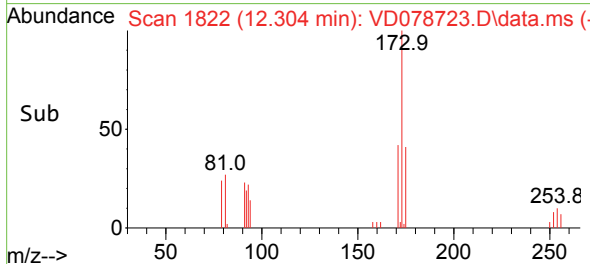
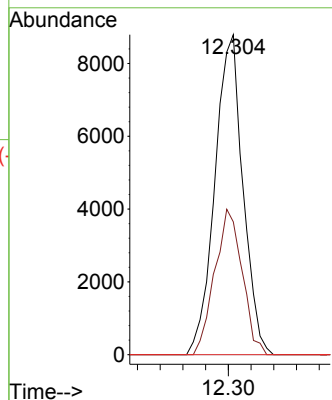
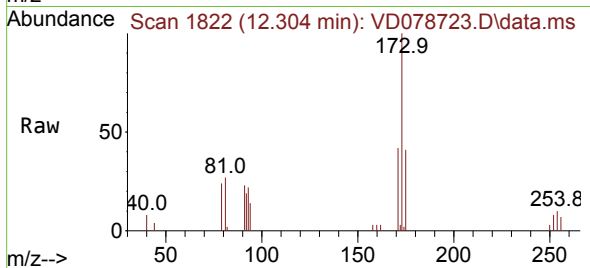




#71
Bromoform
Concen: 21.198 ug/l
RT: 12.304 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD078723.D
Acq: 21 Mar 2024 11:40

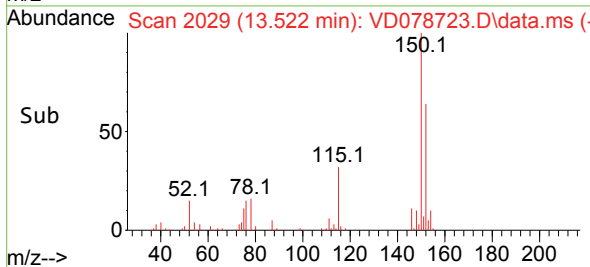
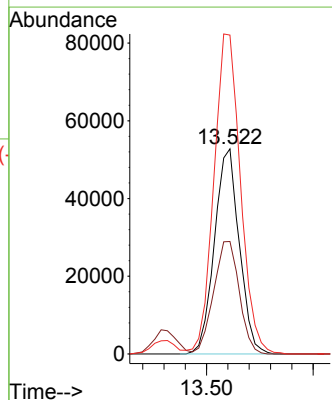
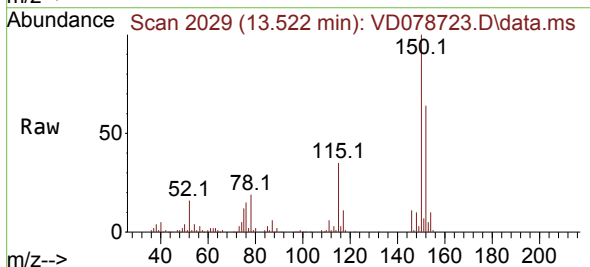
Instrument :
MSVOA_D
ClientSampleId :

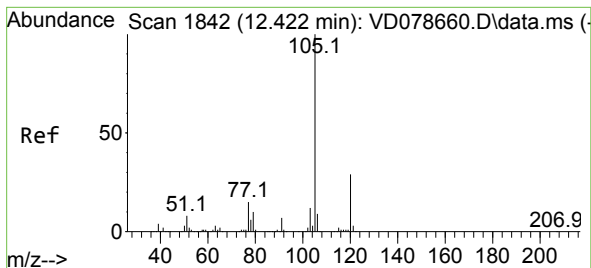
Tgt Ion:173 Resp: 15094
Ion Ratio Lower Upper
173 100
175 44.5 25.8 77.4
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD078723.D
Acq: 21 Mar 2024 11:40

Tgt Ion:152 Resp: 85320
Ion Ratio Lower Upper
152 100
115 56.6 27.1 81.2
150 166.9 0.0 350.2





#73

Isopropylbenzene

Concen: 21.436 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD078723.D

Acq: 21 Mar 2024 11:40

Instrument :

MSVOA_D

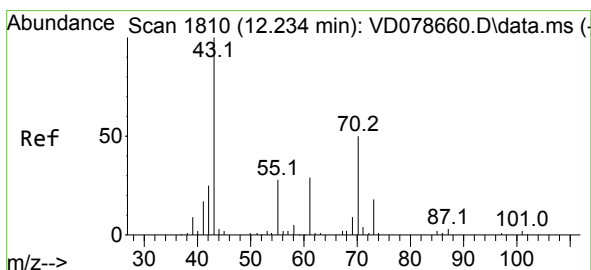
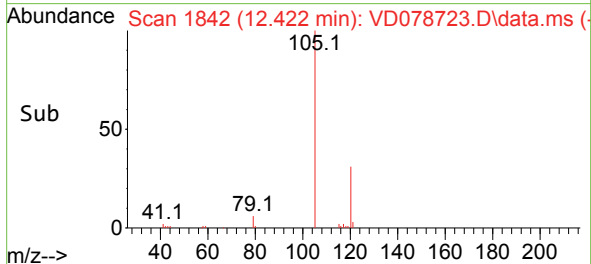
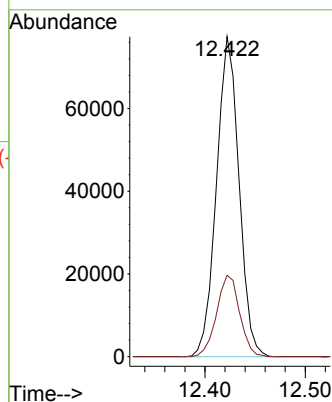
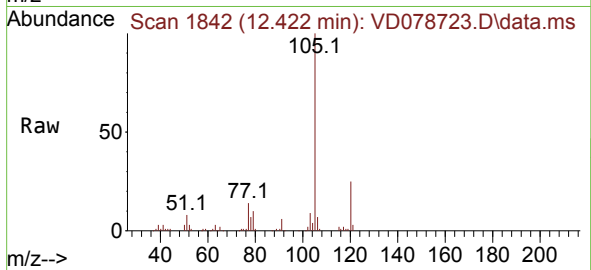
ClientSampleId :

Tgt Ion:105 Resp: 120418

Ion Ratio Lower Upper

105 100

120 26.0 13.7 41.0



#74

N-ethyl acetate

Concen: 21.196 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VD078723.D

Acq: 21 Mar 2024 11:40

Tgt Ion: 43 Resp: 19332

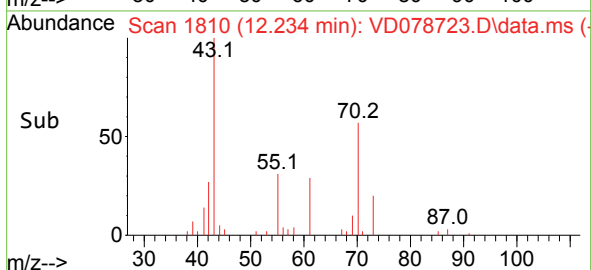
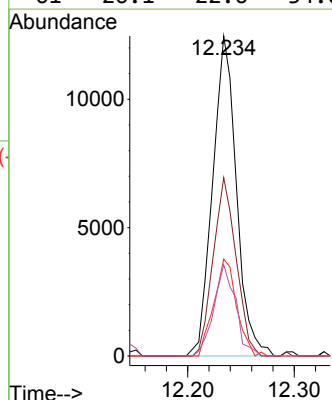
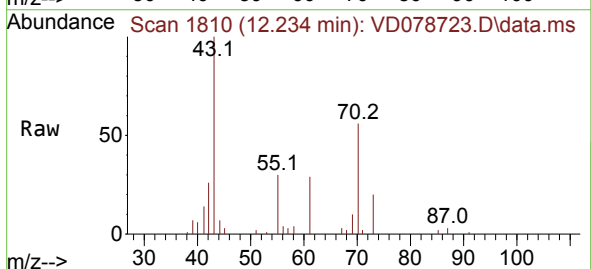
Ion Ratio Lower Upper

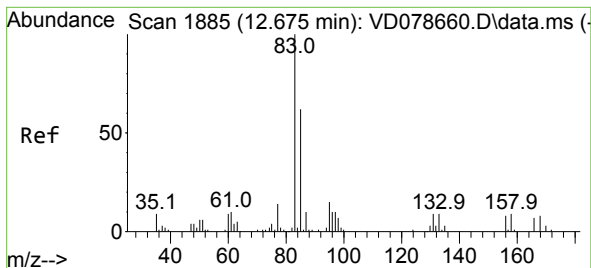
43 100

70 53.7 42.1 63.1

55 29.1 22.6 33.8

61 26.1 22.6 34.0





#75

1,1,2,2-Tetrachloroethane

Concen: 23.312 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VD078723.D

Acq: 21 Mar 2024 11:40

Instrument :

MSVOA_D

ClientSampleId :

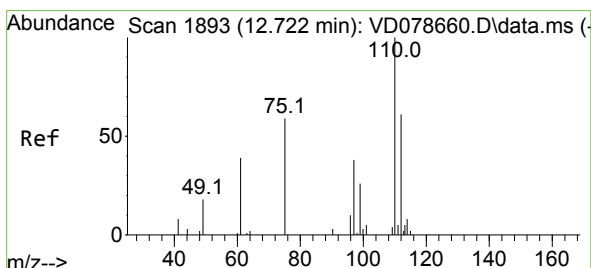
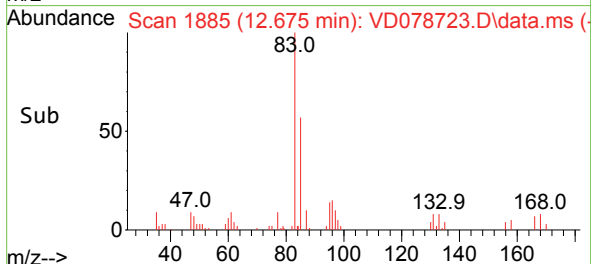
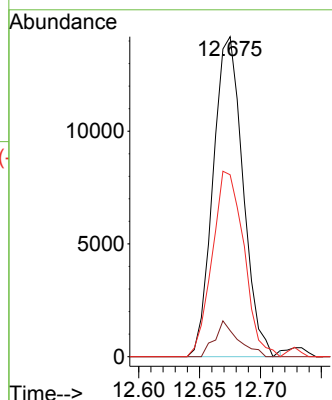
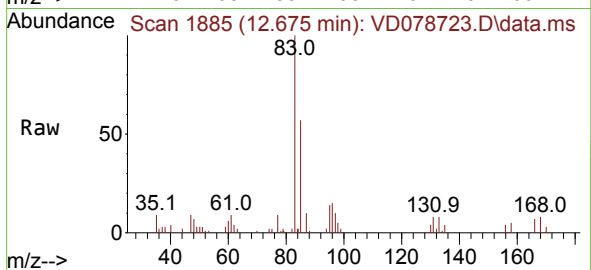
Tgt Ion: 83 Resp: 24242

Ion Ratio Lower Upper

83 100

131 8.8 4.9 14.7

85 61.3 32.2 96.6



#76

1,2,3-Trichloropropane

Concen: 42.213 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VD078723.D

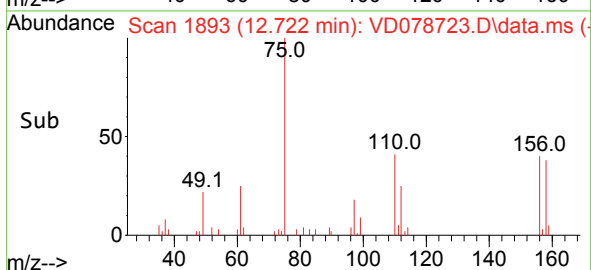
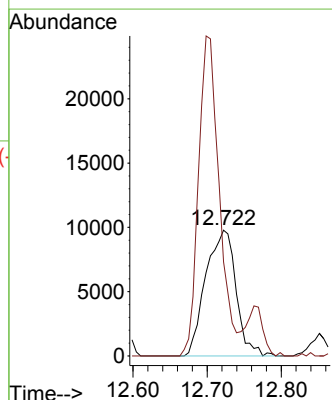
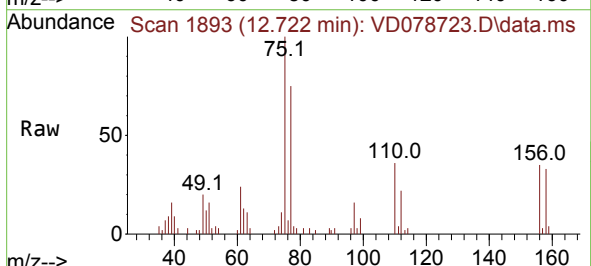
Acq: 21 Mar 2024 11:40

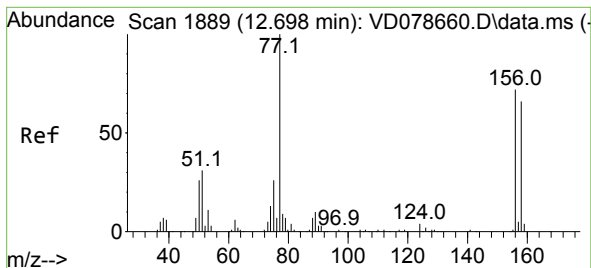
Tgt Ion: 75 Resp: 27748

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.124 ug/l

RT: 12.704 min Scan# 1889

Delta R.T. 0.006 min

Lab File: VD078723.D

Acq: 21 Mar 2024 11:40

Instrument :

MSVOA_D

ClientSampleId :

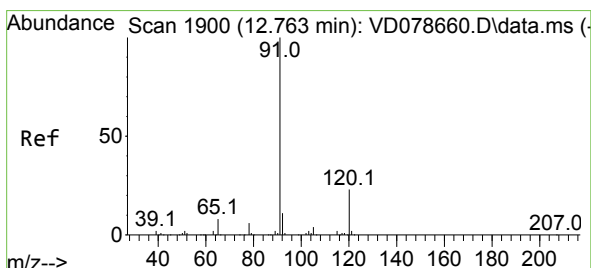
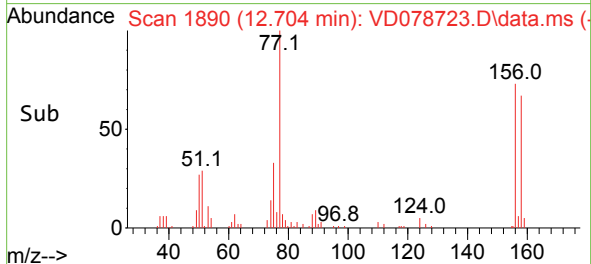
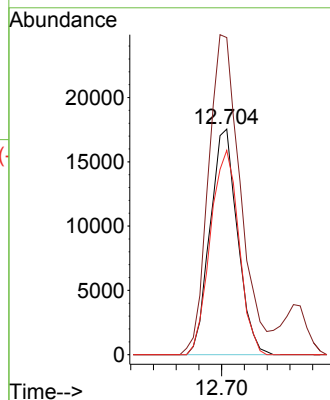
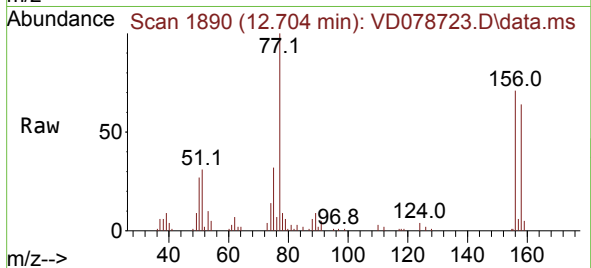
Tgt Ion:156 Resp: 29429

Ion Ratio Lower Upper

156 100

77 163.6 79.1 237.3

158 94.0 47.0 141.0



#78

n-propylbenzene

Concen: 21.837 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD078723.D

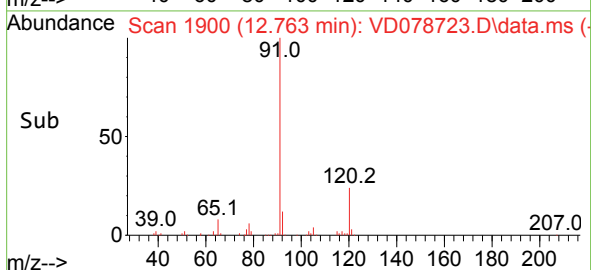
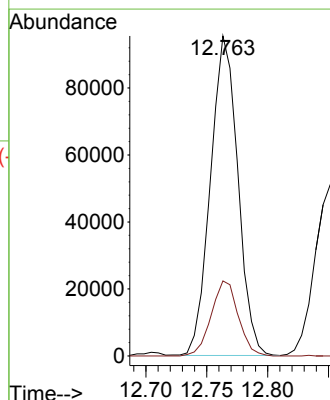
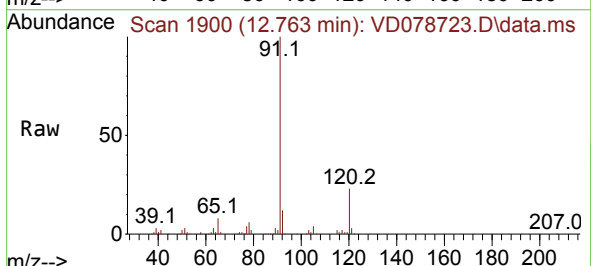
Acq: 21 Mar 2024 11:40

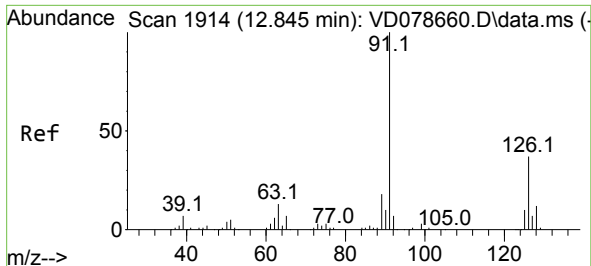
Tgt Ion: 91 Resp: 149319

Ion Ratio Lower Upper

91 100

120 23.2 11.7 35.1

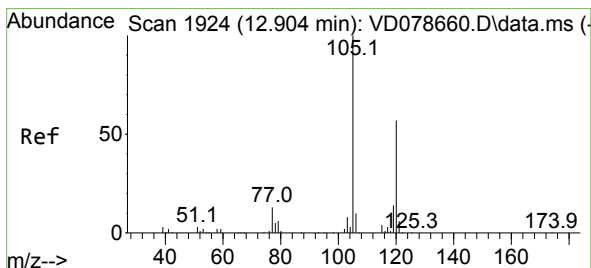
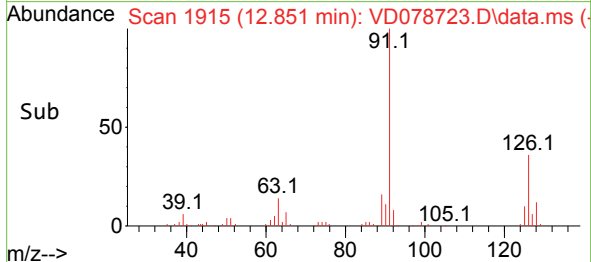
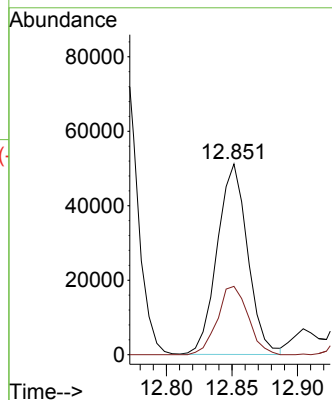
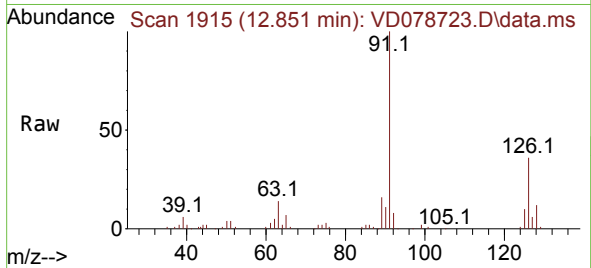




#79
2-Chlorotoluene
Concen: 22.044 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VD078723.D
Acq: 21 Mar 2024 11:40

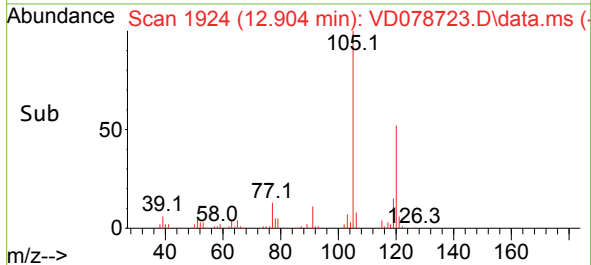
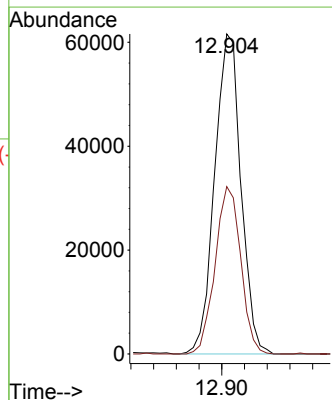
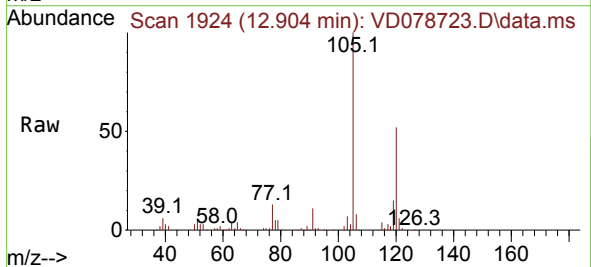
Instrument :
MSVOA_D
ClientSampleId :

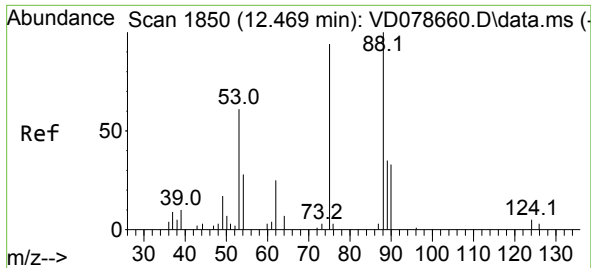
Tgt Ion: 91 Resp: 82689
Ion Ratio Lower Upper
91 100
126 36.2 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 21.298 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD078723.D
Acq: 21 Mar 2024 11:40

Tgt Ion: 105 Resp: 98938
Ion Ratio Lower Upper
105 100
120 51.0 25.9 77.7

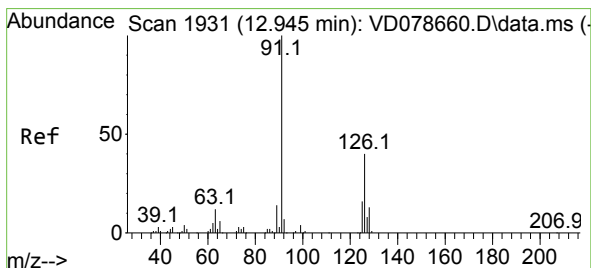
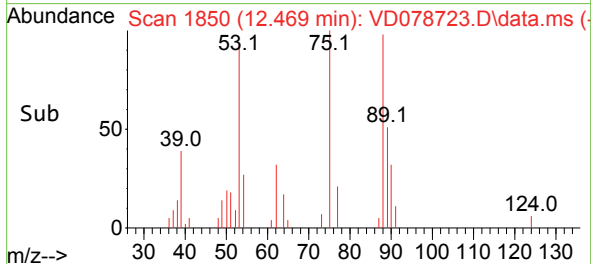
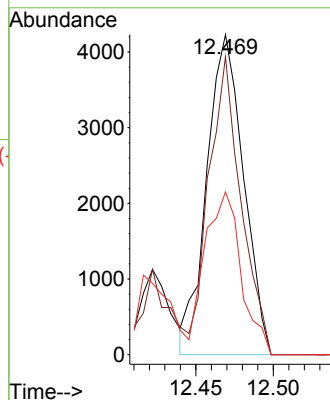
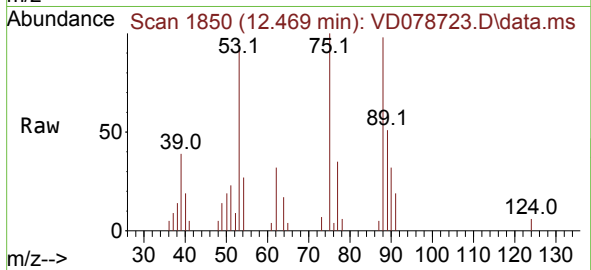




#81
trans-1,4-Dichloro-2-butene
Concen: 22.255 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078723.D
Acq: 21 Mar 2024 11:40

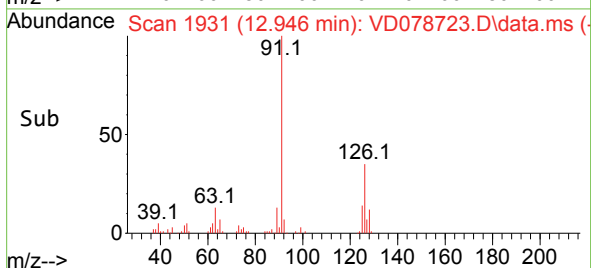
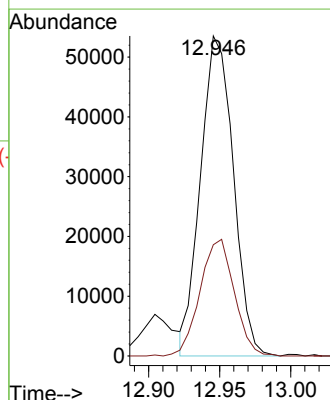
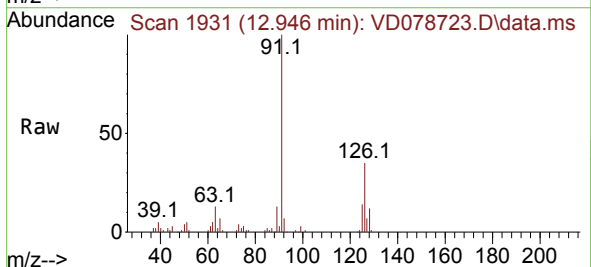
Instrument :
MSVOA_D
ClientSampleId :

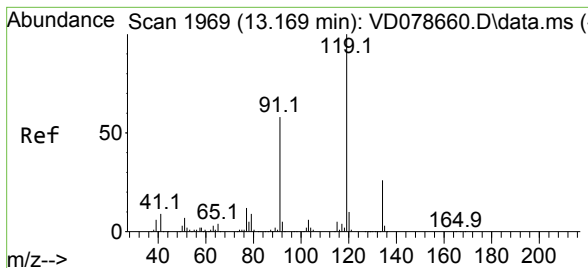
Tgt Ion:	75	Resp:	6979
Ion Ratio	Lower	Upper	
75	100		
53	81.0	61.0	91.6
89	49.8	35.4	53.0



#82
4-Chlorotoluene
Concen: 21.677 ug/l
RT: 12.946 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078723.D
Acq: 21 Mar 2024 11:40

Tgt Ion:	91	Resp:	86006
Ion Ratio	Lower	Upper	
91	100		
126	38.1	18.9	56.5





#83

tert-Butylbenzene

Concen: 21.098 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD078723.D

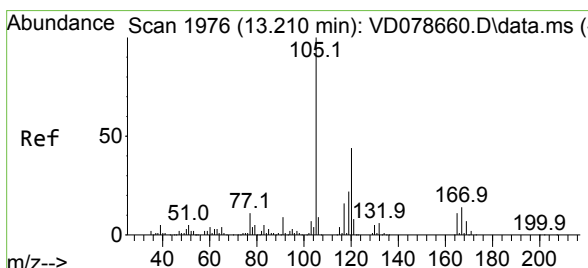
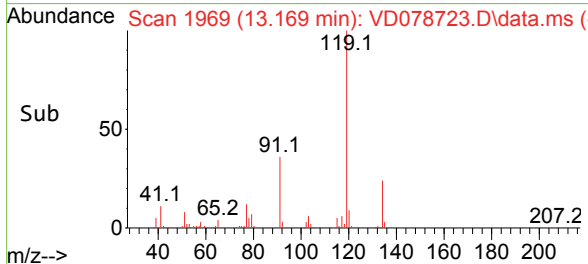
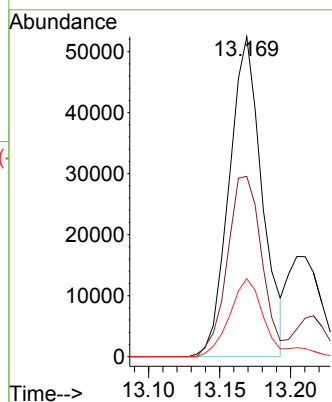
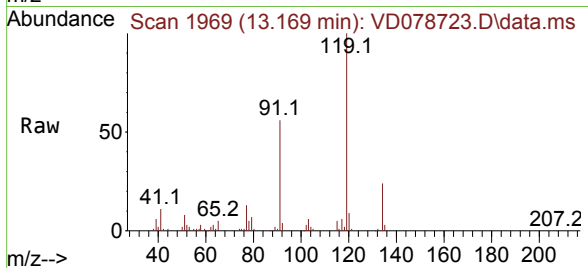
Acq: 21 Mar 2024 11:40

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:119	Resp:	84509
Ion Ratio	Lower	Upper
119	100	
91	59.0	28.9 86.7
134	26.7	13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 20.910 ug/l

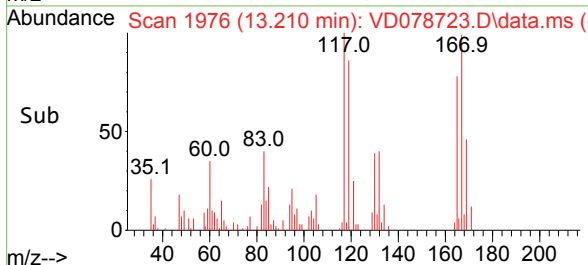
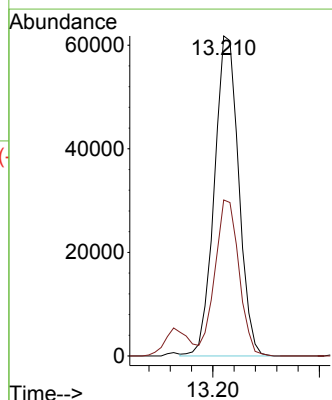
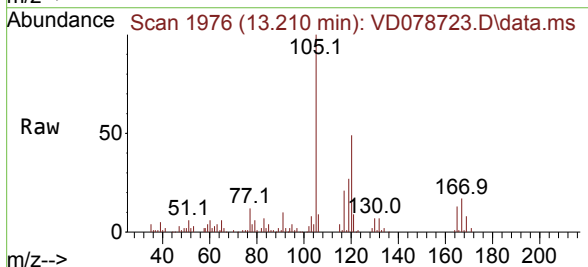
RT: 13.210 min Scan# 1976

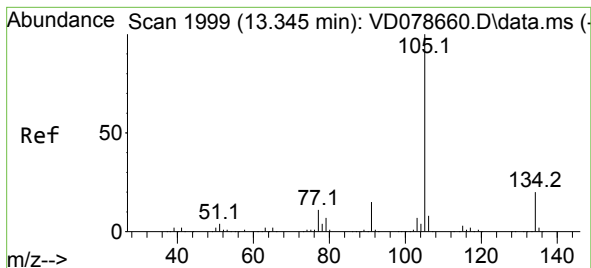
Delta R.T. 0.000 min

Lab File: VD078723.D

Acq: 21 Mar 2024 11:40

Tgt Ion:105	Resp:	97888
Ion Ratio	Lower	Upper
105	100	
120	48.1	23.1 69.2





#85

sec-Butylbenzene

Concen: 21.803 ug/l

RT: 13.346 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD078723.D

Acq: 21 Mar 2024 11:40

Instrument :

MSVOA_D

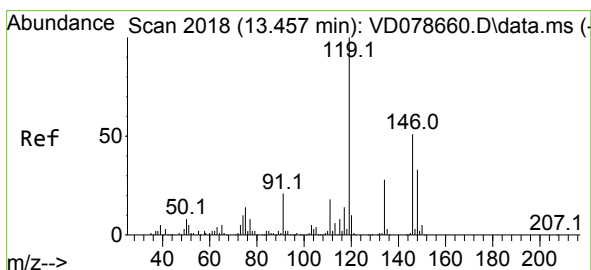
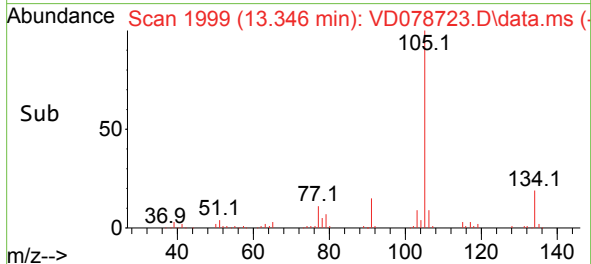
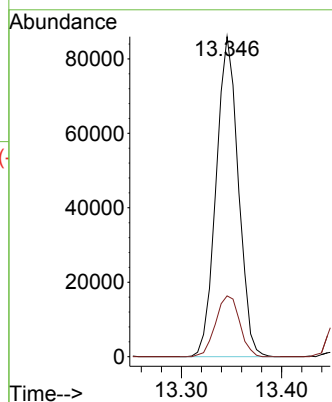
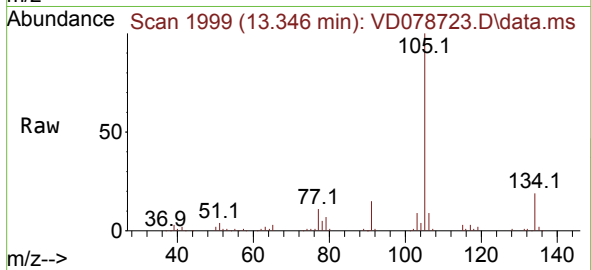
ClientSampleId :

Tgt Ion:105 Resp: 132160

Ion Ratio Lower Upper

105 100

134 20.6 10.4 31.2



#86

p-Isopropyltoluene

Concen: 21.033 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.006 min

Lab File: VD078723.D

Acq: 21 Mar 2024 11:40

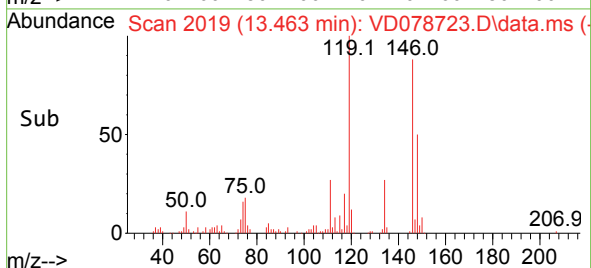
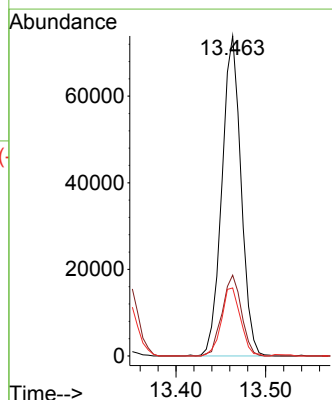
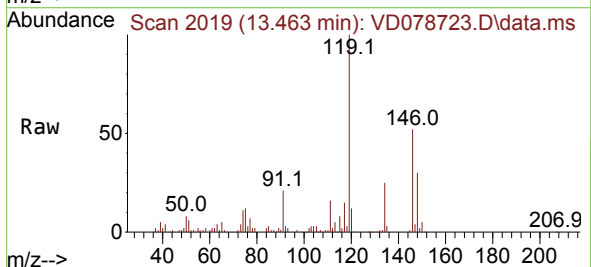
Tgt Ion:119 Resp: 109143

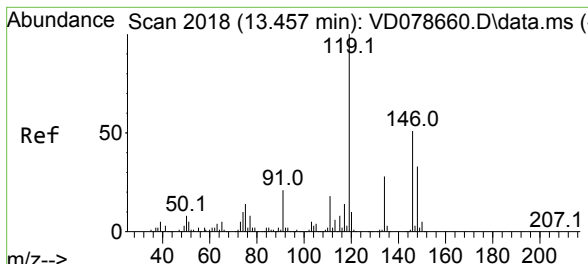
Ion Ratio Lower Upper

119 100

134 25.5 13.5 40.5

91 21.3 10.4 31.2

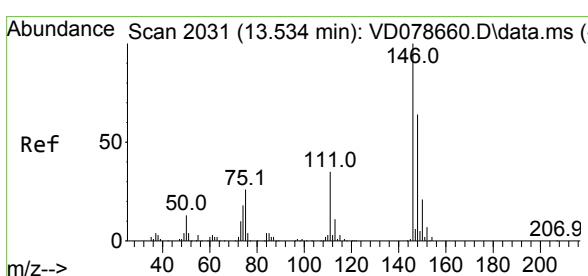
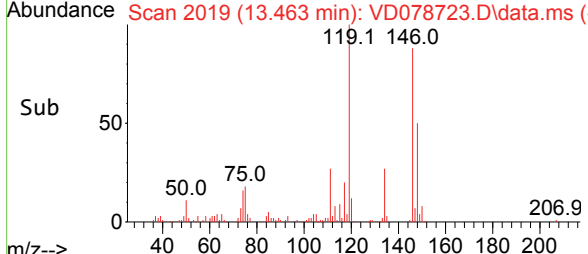
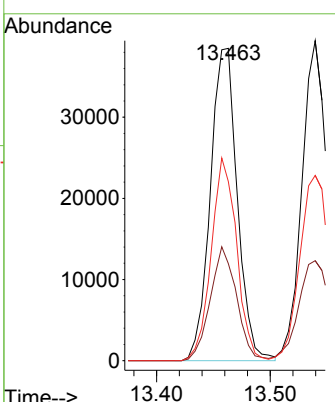
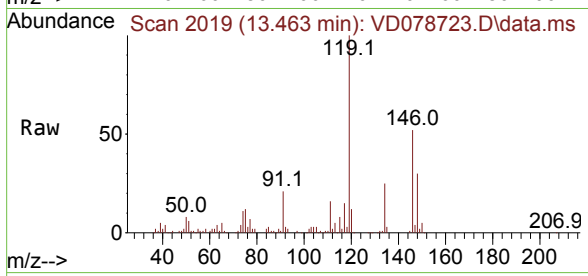




#87
 1,3-Dichlorobenzene
 Concen: 21.613 ug/l
 RT: 13.463 min Scan# 2018
 Delta R.T. 0.006 min
 Lab File: VD078723.D
 Acq: 21 Mar 2024 11:40

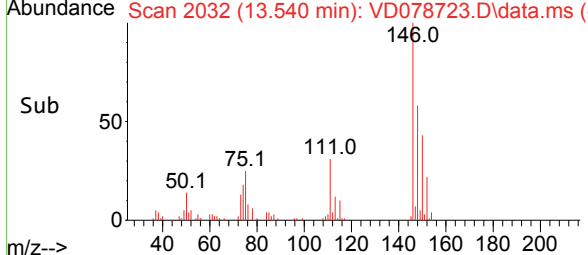
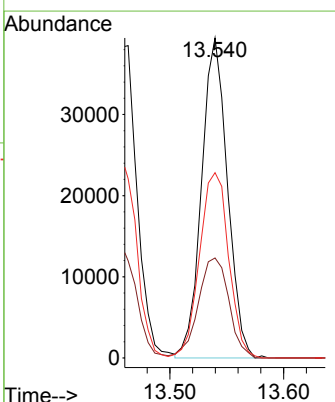
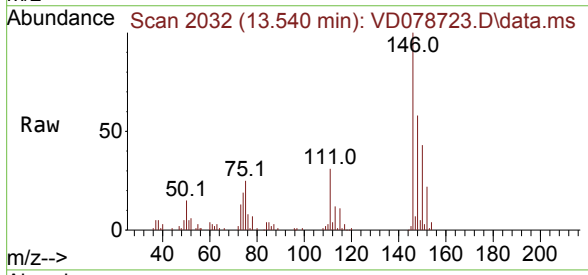
Instrument :
 MSVOA_D
 ClientSampleId :

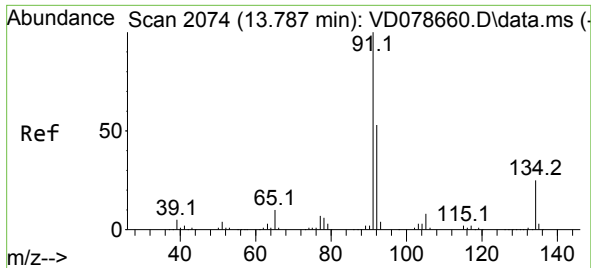
Tgt Ion:146	Resp:	63539
Ion Ratio	Lower	Upper
146	100	
111	35.7	18.2 54.6
148	61.2	31.1 93.5



#88
 1,4-Dichlorobenzene
 Concen: 21.512 ug/l
 RT: 13.540 min Scan# 2032
 Delta R.T. 0.006 min
 Lab File: VD078723.D
 Acq: 21 Mar 2024 11:40

Tgt Ion:146	Resp:	62328
Ion Ratio	Lower	Upper
146	100	
111	37.0	17.8 53.3
148	65.3	32.4 97.0

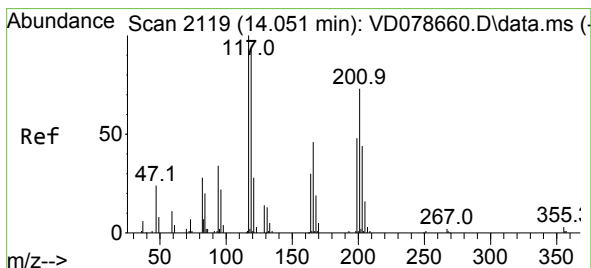
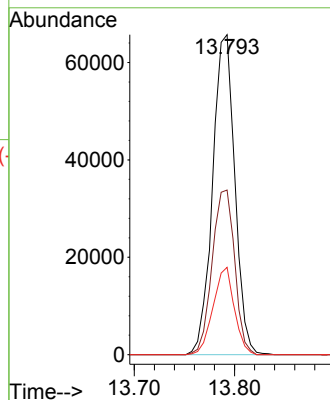
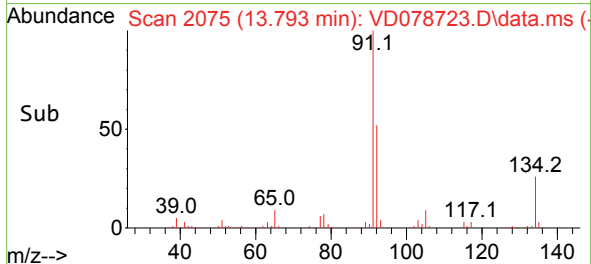
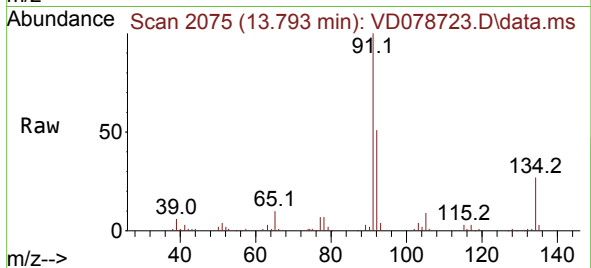




#89
n-Butylbenzene
Concen: 21.592 ug/l
RT: 13.793 min Scan# 2075
Delta R.T. 0.006 min
Lab File: VD078723.D
Acq: 21 Mar 2024 11:40

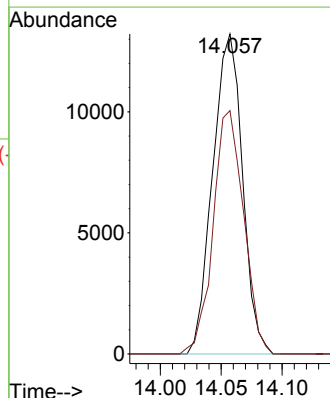
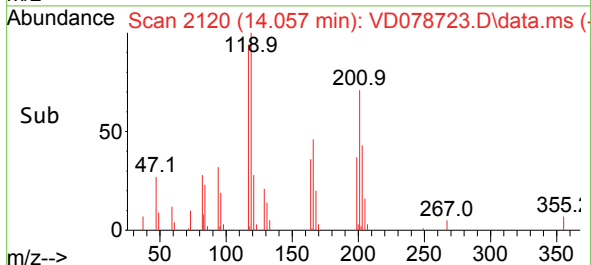
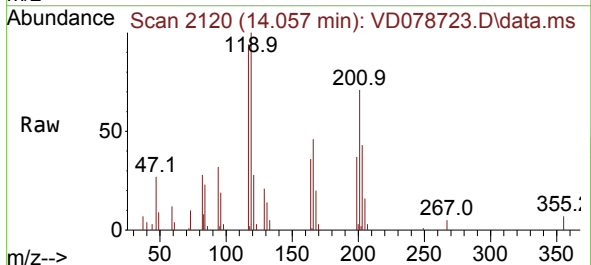
Instrument :
MSVOA_D
ClientSampleId :

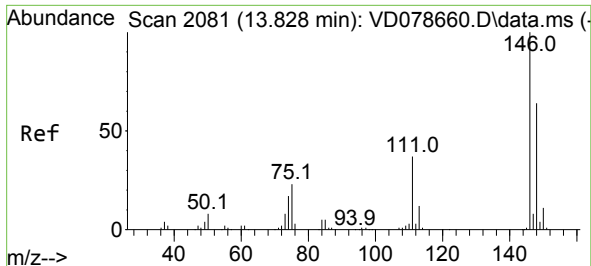
Tgt Ion: 91 Resp: 101190
Ion Ratio Lower Upper
91 100
92 52.1 26.4 79.0
134 26.1 13.0 38.9



#90
Hexachloroethane
Concen: 20.978 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.006 min
Lab File: VD078723.D
Acq: 21 Mar 2024 11:40

Tgt Ion: 117 Resp: 22525
Ion Ratio Lower Upper
117 100
201 77.7 36.2 108.6





#91

1,2-Dichlorobenzene

Concen: 21.349 ug/l

RT: 13.834 min Scan# 2082

Delta R.T. 0.006 min

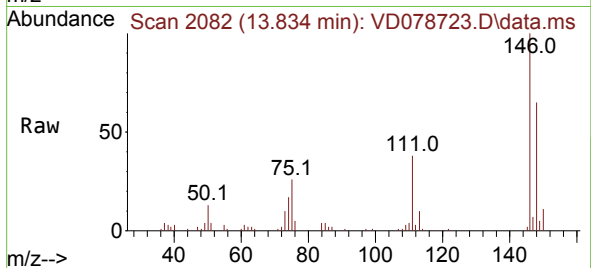
Lab File: VD078723.D

Acq: 21 Mar 2024 11:40

Instrument :

MSVOA_D

ClientSampleId :



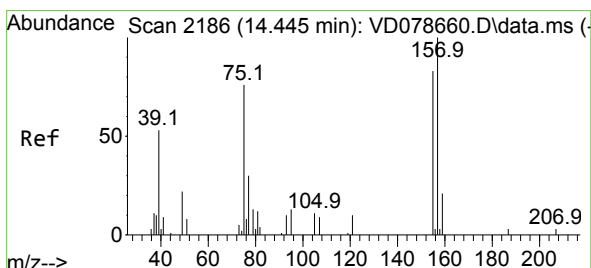
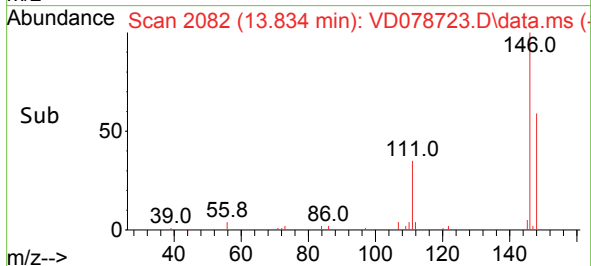
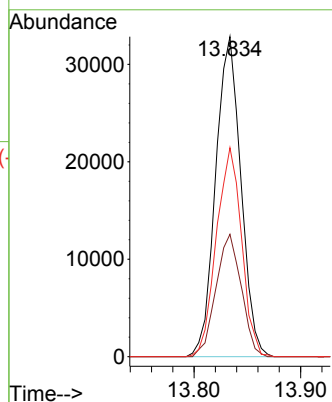
Tgt Ion:146 Resp: 54056

Ion Ratio Lower Upper

146 100

111 38.3 18.6 56.0

148 65.1 32.1 96.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 22.586 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. 0.000 min

Lab File: VD078723.D

Acq: 21 Mar 2024 11:40

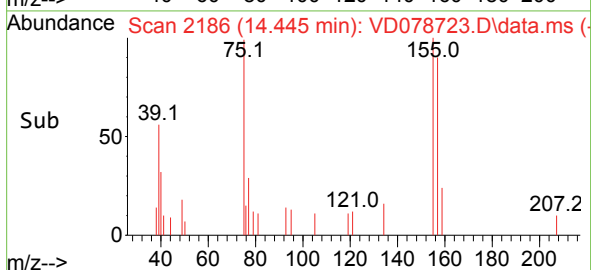
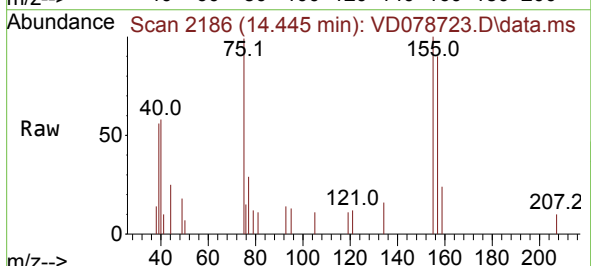
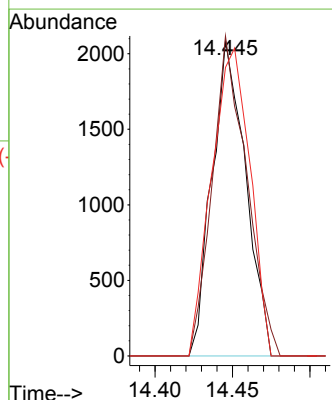
Tgt Ion: 75 Resp: 3142

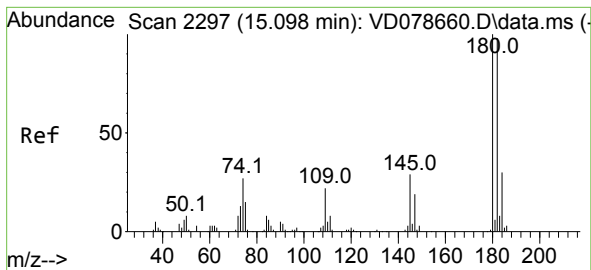
Ion Ratio Lower Upper

75 100

155 103.5 49.8 149.3

157 111.6 65.5 196.3





#93

1,2,4-Trichlorobenzene

Concen: 19.782 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD078723.D

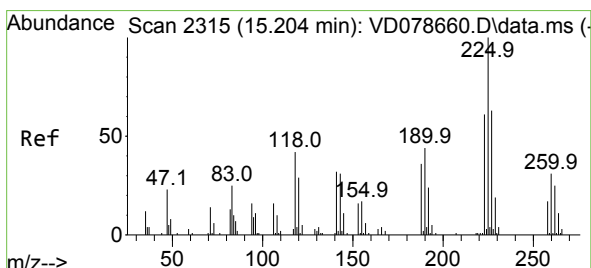
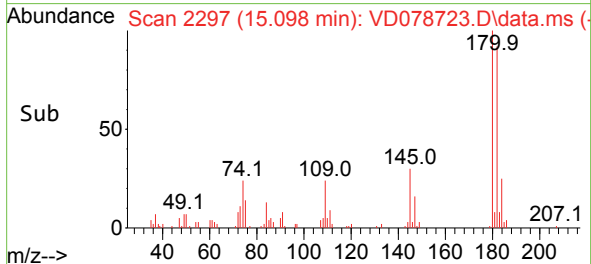
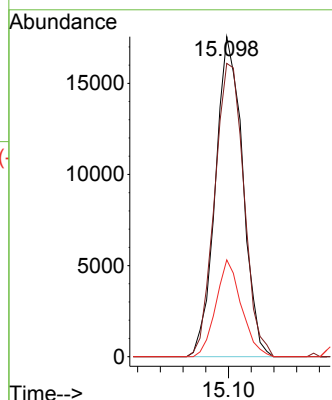
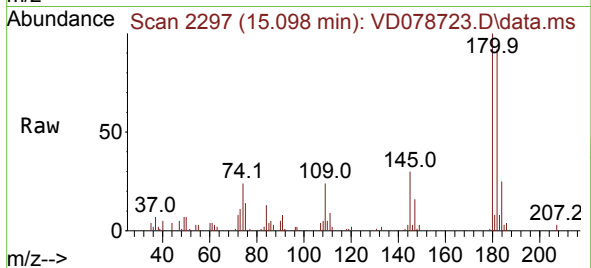
Acq: 21 Mar 2024 11:40

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:180	Resp:	29231
Ion Ratio	Lower	Upper
180	100	
182	98.3	49.7 149.1
145	28.3	14.6 44.0



#94

Hexachlorobutadiene

Concen: 19.651 ug/l

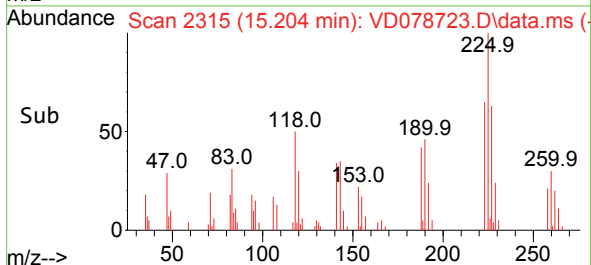
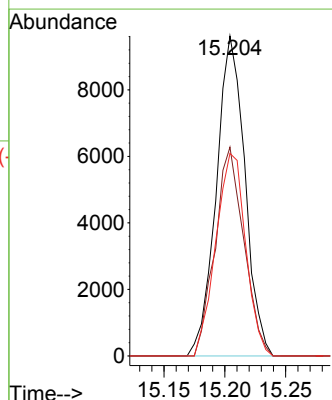
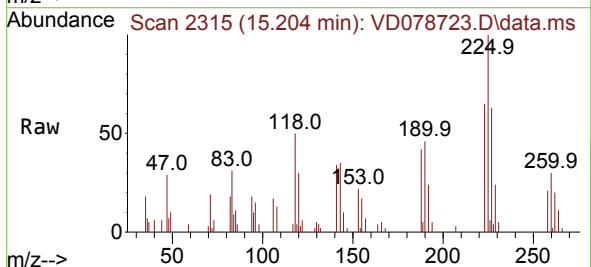
RT: 15.204 min Scan# 2315

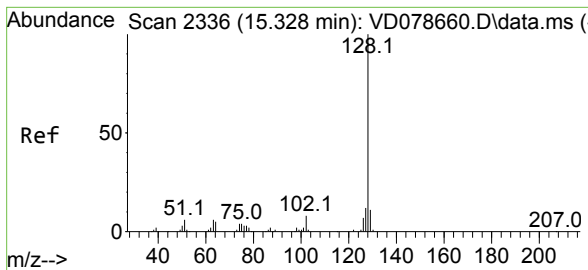
Delta R.T. 0.000 min

Lab File: VD078723.D

Acq: 21 Mar 2024 11:40

Tgt Ion:225	Resp:	15721
Ion Ratio	Lower	Upper
225	100	
223	65.7	31.9 95.7
227	66.0	32.0 96.0

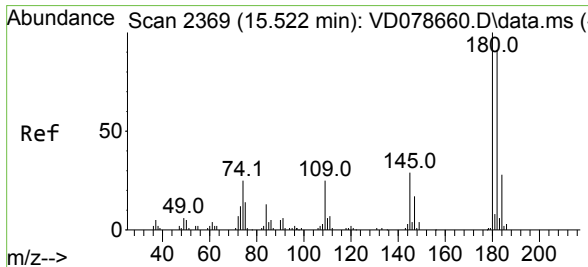
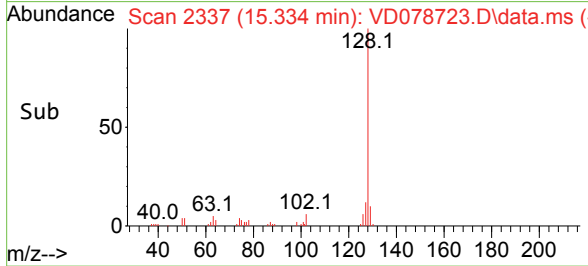
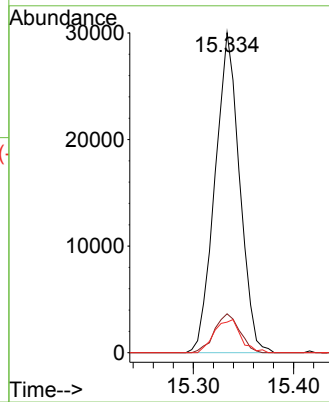
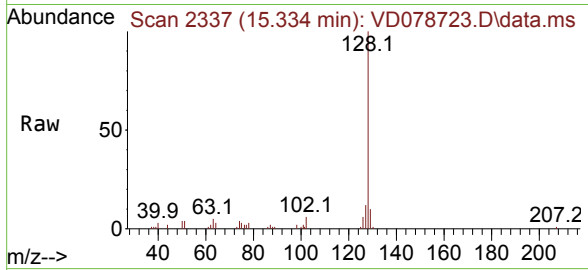




#95
Naphthalene
Concen: 19.936 ug/l
RT: 15.334 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD078723.D
Acq: 21 Mar 2024 11:40

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128	Resp:	51218
Ion Ratio	Lower	Upper
128	100	
127	12.1	9.3 13.9
129	9.6	8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 20.654 ug/l
RT: 15.528 min Scan# 2370
Delta R.T. 0.006 min
Lab File: VD078723.D
Acq: 21 Mar 2024 11:40

Tgt Ion:180	Resp:	26404
Ion Ratio	Lower	Upper
180	100	
182	94.7	46.7 140.1
145	32.5	14.4 43.4

