

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032124\
 Data File : VD078724.D
 Acq On : 21 Mar 2024 12:06
 Operator : RP/MD
 Sample : VD0321SBSD01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Mar 22 06:55:36 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	108171	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	186420	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	175635	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	87840	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	54007	53.275	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.560%	
35) Dibromofluoromethane	7.816	113	62276	51.885	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.780%	
50) Toluene-d8	10.269	98	238778	54.093	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 108.180%	
62) 4-Bromofluorobenzene	12.575	95	67648	52.384	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 104.760%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	21128	20.986	ug/l	97
3) Chloromethane	2.152	50	30935	19.461	ug/l	91
4) Vinyl Chloride	2.293	62	47810	20.388	ug/l	96
5) Bromomethane	2.693	94	46322	20.632	ug/l	97
6) Chloroethane	2.846	64	36649	20.041	ug/l	96
7) Trichlorofluoromethane	3.181	101	43663	23.536	ug/l	95
8) Diethyl Ether	3.593	74	11561	21.344	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.981	101	27305	23.453	ug/l	99
10) Methyl Iodide	4.169	142	29587	21.484	ug/l	93
11) Tert butyl alcohol	5.052	59	5540	122.114	ug/l #	91
12) 1,1-Dichloroethene	3.952	96	25348	22.903	ug/l	92
13) Acrolein	3.805	56	9000	126.640	ug/l	98
14) Allyl chloride	4.569	41	27480	22.252	ug/l	96
15) Acrylonitrile	5.258	53	25771	118.027	ug/l	93
16) Acetone	4.022	43	24317	124.047	ug/l	98
17) Carbon Disulfide	4.275	76	71079	19.590	ug/l	100
18) Methyl Acetate	4.581	43	9458	22.482	ug/l	99
19) Methyl tert-butyl Ether	5.316	73	51333	22.999	ug/l	98
20) Methylene Chloride	4.811	84	36615	24.957	ug/l	92
21) trans-1,2-Dichloroethene	5.322	96	29091	22.276	ug/l	92
22) Diisopropyl ether	6.228	45	65760	23.421	ug/l	90
23) Vinyl Acetate	6.158	43	191429	116.556	ug/l	97
24) 1,1-Dichloroethane	6.116	63	49609	23.566	ug/l	98
25) 2-Butanone	7.087	43	32242	123.711	ug/l	96
26) 2,2-Dichloropropane	7.081	77	42826	24.046	ug/l	99
27) cis-1,2-Dichloroethene	7.087	96	34570	23.209	ug/l	98
28) Bromochloromethane	7.434	49	17099	22.784	ug/l	98
29) Tetrahydrofuran	7.452	42	17062	120.363	ug/l	97
30) Chloroform	7.599	83	55341	23.578	ug/l	94
31) Cyclohexane	7.881	56	35457	20.809	ug/l #	90
32) 1,1,1-Trichloroethane	7.799	97	45456	22.826	ug/l	97
36) 1,1-Dichloropropene	8.016	75	38983	22.385	ug/l	98
37) Ethyl Acetate	7.169	43	12134	21.328	ug/l #	91
38) Carbon Tetrachloride	7.993	117	42582	23.193	ug/l	93
39) Methylcyclohexane	9.281	83	41711	20.647	ug/l	94
40) Benzene	8.252	78	116088	22.052	ug/l	98

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 ClientSampleId :

Quant Time: Mar 22 06:55:36 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)
41) Methacrylonitrile	7.399	41	5996	20.111	ug/l #	91
42) 1,2-Dichloroethane	8.328	62	29931	23.314	ug/l	98
43) Isopropyl Acetate	8.363	43	23485	22.699	ug/l #	83
44) Trichloroethene	9.034	130	32521	22.764	ug/l	91
45) 1,2-Dichloropropane	9.310	63	28739	23.013	ug/l	99
46) Dibromomethane	9.399	93	17185	22.956	ug/l	96
47) Bromodichloromethane	9.587	83	42270	23.719	ug/l	88
48) Methyl methacrylate	9.381	41	10369	20.568	ug/l	95
49) 1,4-Dioxane	9.387	88	2751	396.901	ug/l	91
51) 4-Methyl-2-Pentanone	10.163	43	63593	117.567	ug/l	97
52) Toluene	10.334	92	78209	23.076	ug/l	100
53) t-1,3-Dichloropropene	10.557	75	36010	22.100	ug/l	100
54) cis-1,3-Dichloropropene	10.022	75	45006	22.977	ug/l	97
55) 1,1,2-Trichloroethane	10.734	97	22492	22.437	ug/l #	90
56) Ethyl methacrylate	10.599	69	22563	22.452	ug/l	96
57) 1,3-Dichloropropane	10.881	76	37204	23.000	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	48229	108.839	ug/l	100
59) 2-Hexanone	10.922	43	47663	118.866	ug/l	97
60) Dibromochloromethane	11.075	129	28286	22.880	ug/l	98
61) 1,2-Dibromoethane	11.181	107	21980	22.657	ug/l	99
64) Tetrachloroethene	10.810	164	25453	21.899	ug/l	91
65) Chlorobenzene	11.610	112	82997	22.614	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	31279	23.271	ug/l	98
67) Ethyl Benzene	11.687	91	140458	22.458	ug/l	99
68) m/p-Xylenes	11.793	106	113067	44.520	ug/l	98
69) o-Xylene	12.122	106	51003	21.705	ug/l	99
70) Styrene	12.134	104	87925	22.293	ug/l	99
71) Bromoform	12.298	173	16544	22.775	ug/l #	91
73) Isopropylbenzene	12.422	105	131476	22.733	ug/l	100
74) N-amyl acetate	12.234	43	23745	25.288	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.675	83	25536	23.852	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	29039	42.909	ug/l #	100
77) Bromobenzene	12.698	156	34005	23.709	ug/l	99
78) n-propylbenzene	12.763	91	165643	23.530	ug/l	100
79) 2-Chlorotoluene	12.851	91	88738	22.978	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	111586	23.332	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	7794	24.141	ug/l	94
82) 4-Chlorotoluene	12.945	91	94101	23.037	ug/l	99
83) tert-Butylbenzene	13.169	119	97353	23.608	ug/l	98
84) 1,2,4-Trimethylbenzene	13.216	105	111383	23.110	ug/l	99
85) sec-Butylbenzene	13.345	105	143568	23.005	ug/l	100
86) p-Isopropyltoluene	13.463	119	124818	23.364	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	68144	22.514	ug/l	97
88) 1,4-Dichlorobenzene	13.534	146	66715	22.366	ug/l	98
89) n-Butylbenzene	13.787	91	112538	23.325	ug/l	99
90) Hexachloroethane	14.051	117	26500	23.972	ug/l	97
91) 1,2-Dichlorobenzene	13.834	146	59455	22.808	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.445	75	3232	22.567	ug/l	91
93) 1,2,4-Trichlorobenzene	15.098	180	34369	22.591	ug/l	93
94) Hexachlorobutadiene	15.204	225	18941	22.997	ug/l	95
95) Naphthalene	15.334	128	55674	21.049	ug/l	96
96) 1,2,3-Trichlorobenzene	15.522	180	29375	22.319	ug/l	98

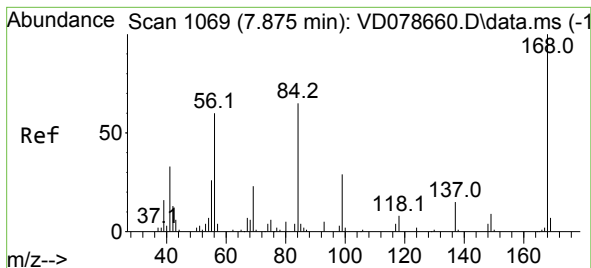
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Quant Title : SW846 8260
QLast Update : Fri Mar 15 05:38:03 2024
Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.881 min Scan# 10

Delta R.T. 0.006 min

Lab File: VD078724.D

Acq: 21 Mar 2024 12:06

Instrument :

MSVOA_D

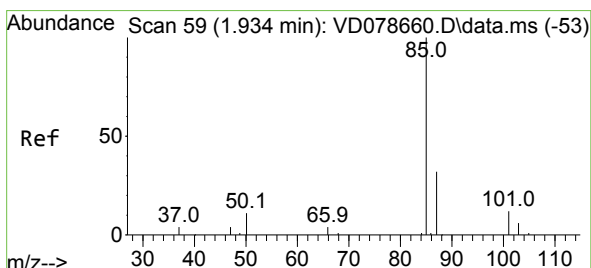
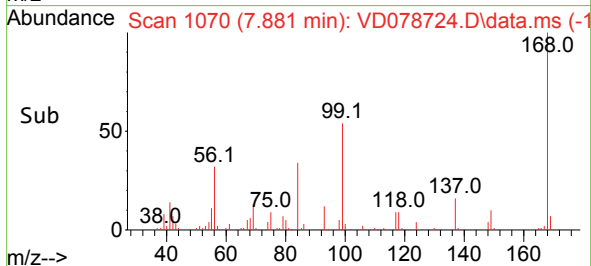
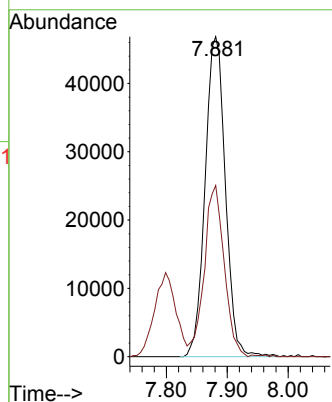
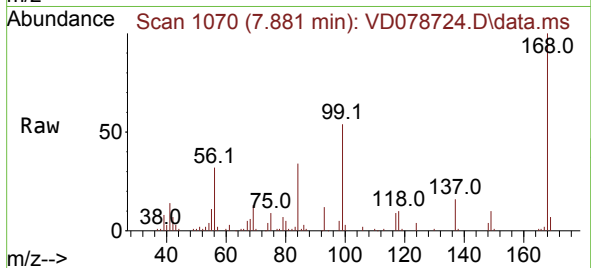
ClientSampleId :

Tgt Ion:168 Resp: 108171

Ion Ratio Lower Upper

168 100

99 53.5 38.8 58.2



#2

Dichlorodifluoromethane

Concen: 20.986 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD078724.D

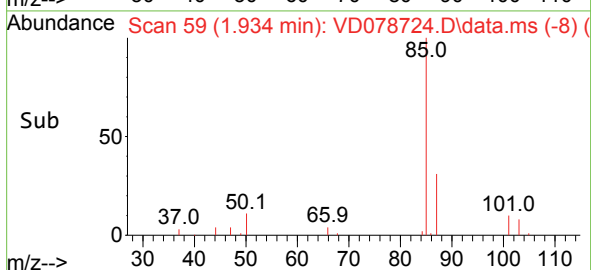
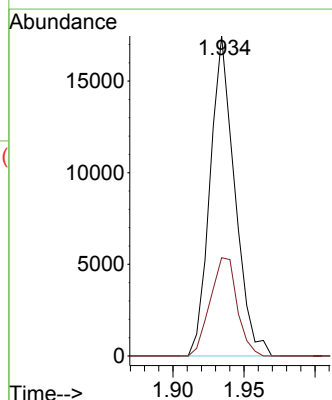
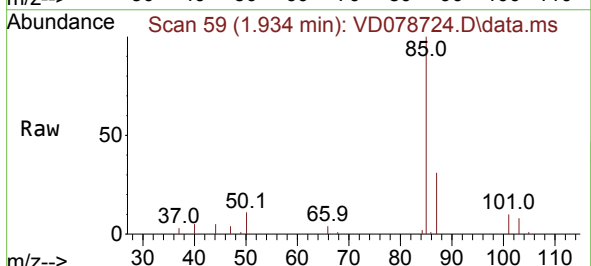
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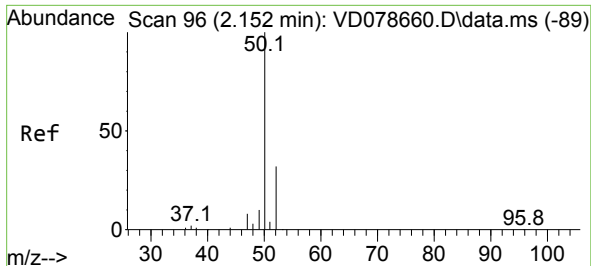
Tgt Ion: 85 Resp: 21128

Ion Ratio Lower Upper

85 100

87 30.7 16.2 48.5

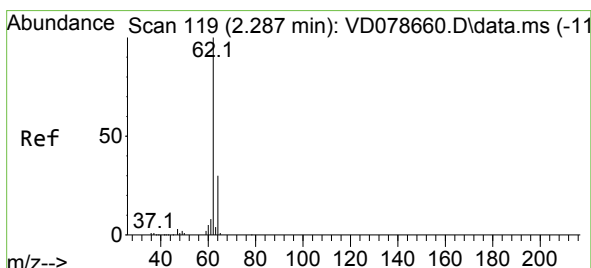
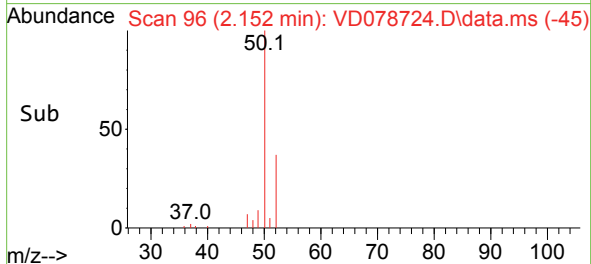
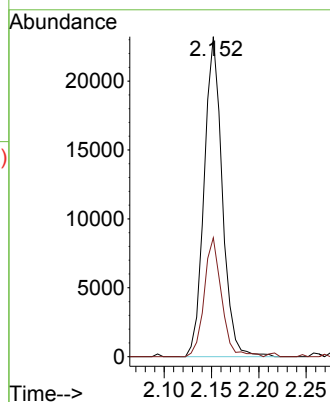
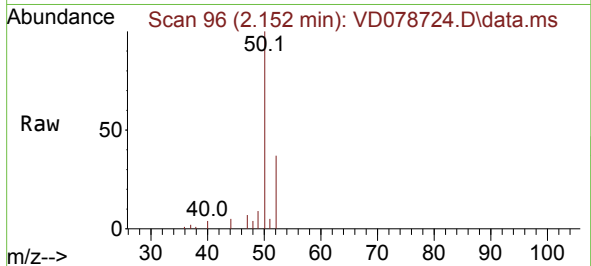




#3
Chloromethane
Concen: 19.461 ug/l
RT: 2.152 min Scan# 90
Delta R.T. 0.000 min
Lab File: VD078724.D
Acq: 21 Mar 2024 12:06

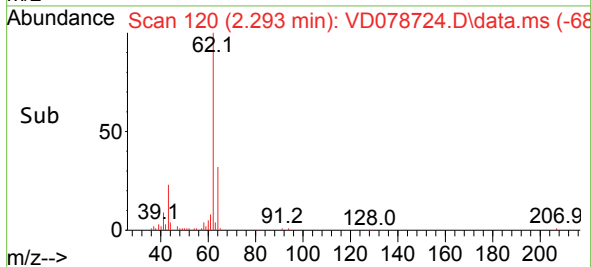
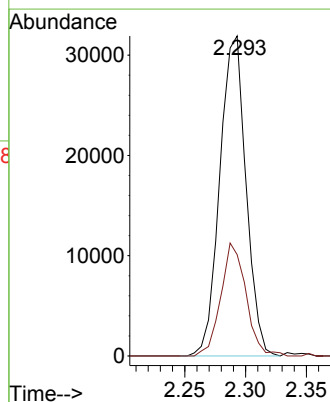
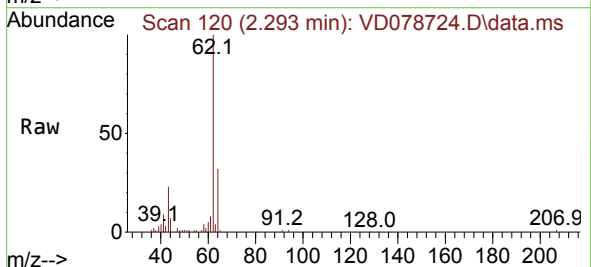
Instrument :
MSVOA_D
ClientSampleId :

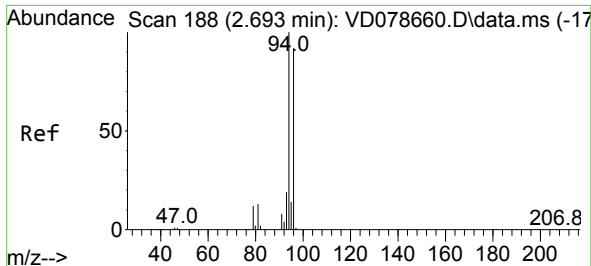
Tgt Ion: 50 Resp: 30935
Ion Ratio Lower Upper
50 100
52 37.1 25.6 38.4



#4
Vinyl Chloride
Concen: 20.388 ug/l
RT: 2.293 min Scan# 120
Delta R.T. 0.006 min
Lab File: VD078724.D
Acq: 21 Mar 2024 12:06

Tgt Ion: 62 Resp: 47810
Ion Ratio Lower Upper
62 100
64 31.6 23.7 35.5

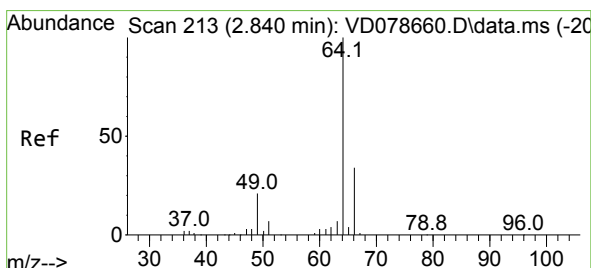
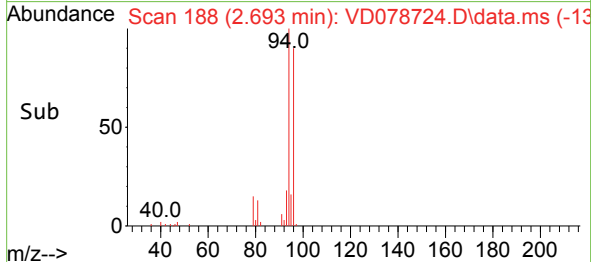
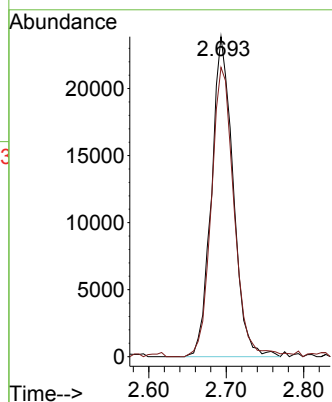
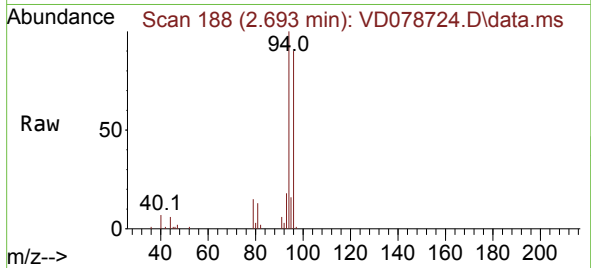




#5
Bromomethane
Concen: 20.632 ug/l
RT: 2.693 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078724.D
Acq: 21 Mar 2024 12:06

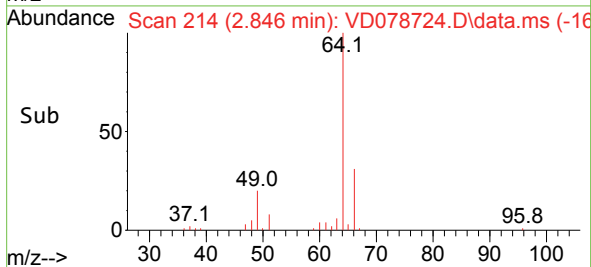
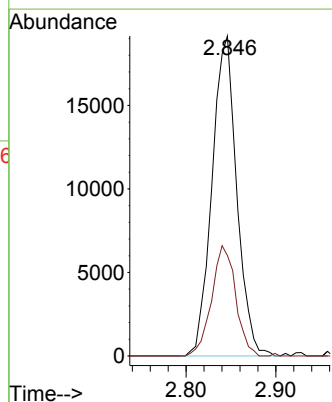
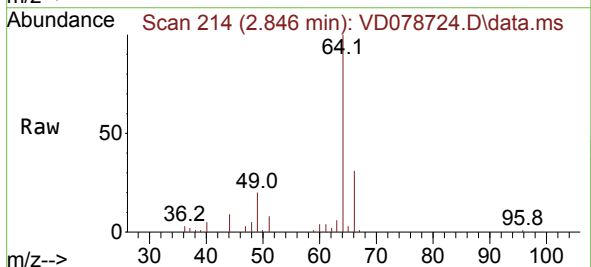
Instrument :
MSVOA_D
ClientSampleId :

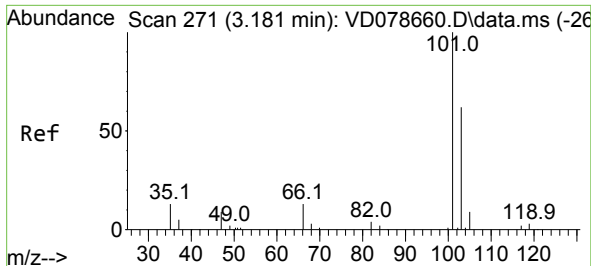
Tgt Ion: 94 Resp: 46322
Ion Ratio Lower Upper
94 100
96 94.9 73.5 110.3



#6
Chloroethane
Concen: 20.041 ug/l
RT: 2.846 min Scan# 214
Delta R.T. 0.006 min
Lab File: VD078724.D
Acq: 21 Mar 2024 12:06

Tgt Ion: 64 Resp: 36649
Ion Ratio Lower Upper
64 100
66 31.4 26.8 40.2

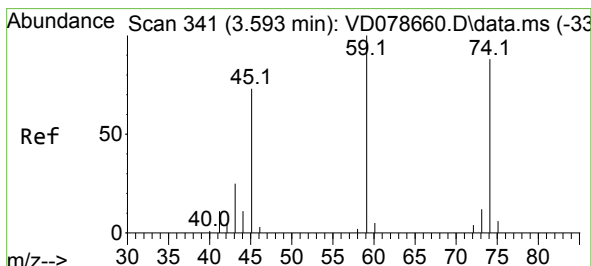
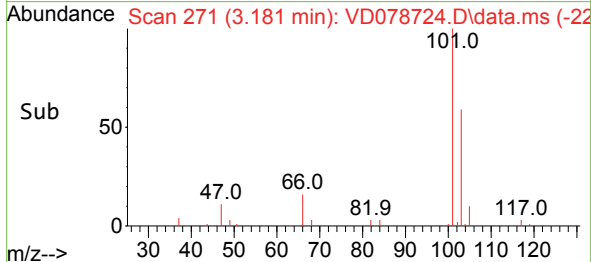
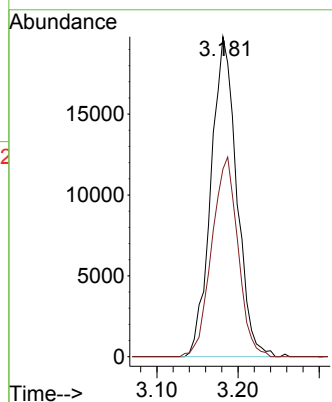
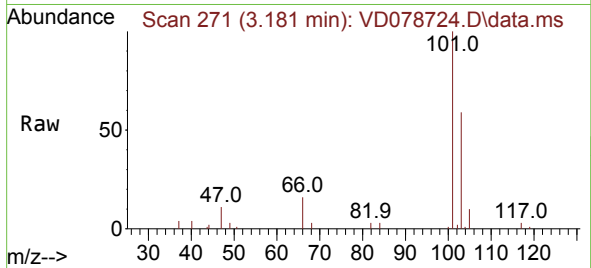




#7
 Trichlorofluoromethane
 Concen: 23.536 ug/l
 RT: 3.181 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD078724.D
 Acq: 21 Mar 2024 12:06

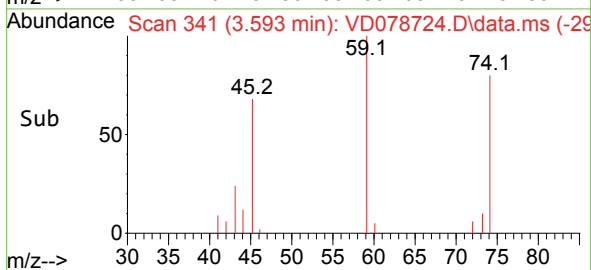
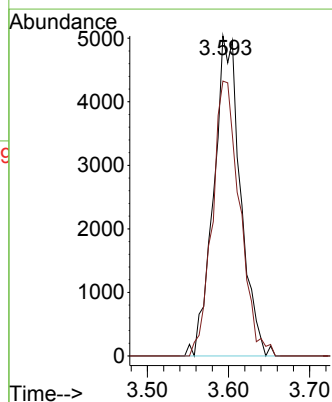
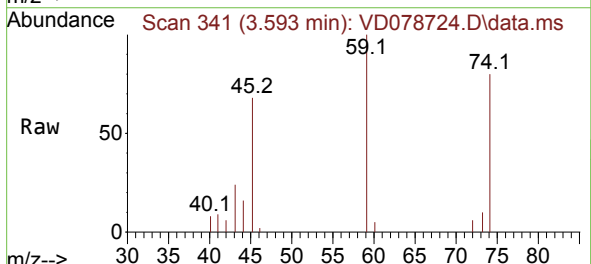
Instrument :
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 ClientSampleId :

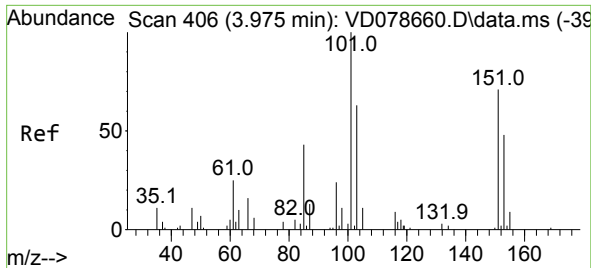
Tgt Ion:101 Resp: 43663
 Ion Ratio Lower Upper
 101 100
 103 58.6 49.7 74.5



#8
 Diethyl Ether
 Concen: 21.344 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VD078724.D
 Acq: 21 Mar 2024 12:06

Tgt Ion: 74 Resp: 11561
 Ion Ratio Lower Upper
 74 100
 45 87.8 42.4 127.3

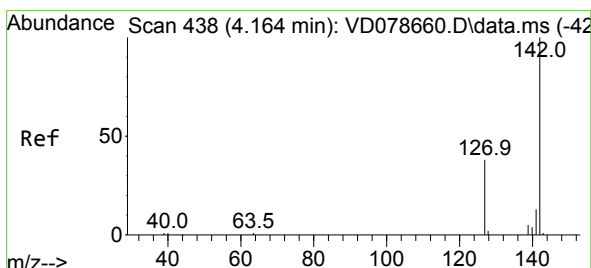
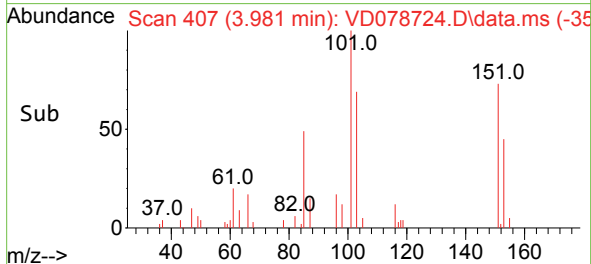
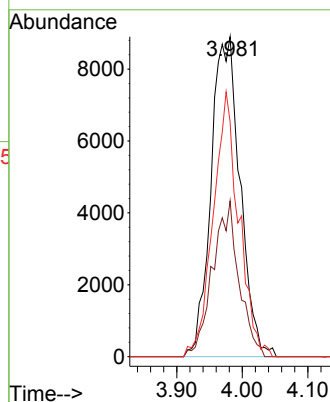
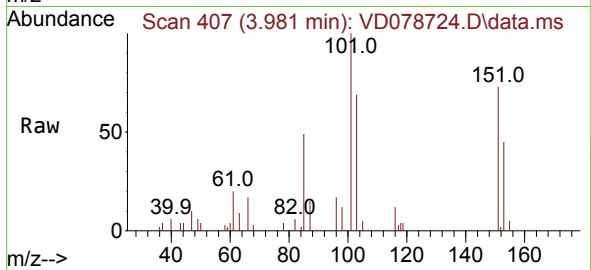




#9
1,1,2-Trichlorotrifluoroethane
Concen: 23.453 ug/l
RT: 3.981 min Scan# 406
Delta R.T. 0.006 min
Lab File: VD078724.D
Acq: 21 Mar 2024 12:06

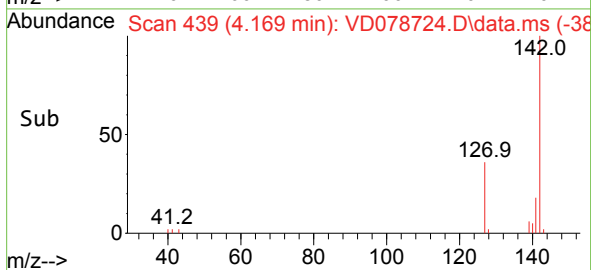
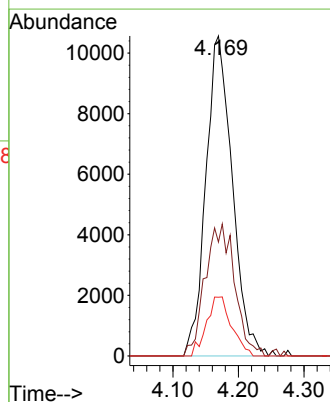
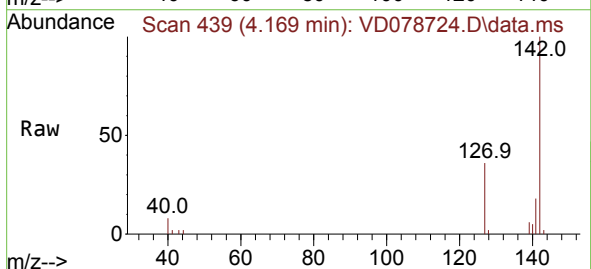
Instrument :
MSVOA_D
ClientSampleId :

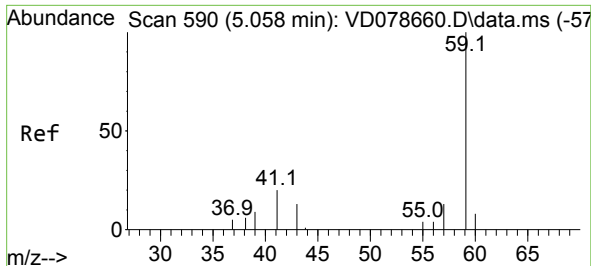
Tgt Ion:101 Resp: 27305
Ion Ratio Lower Upper
101 100
85 44.2 35.8 53.6
151 73.5 59.4 89.2



#10
Methyl Iodide
Concen: 21.484 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.006 min
Lab File: VD078724.D
Acq: 21 Mar 2024 12:06

Tgt Ion:142 Resp: 29587
Ion Ratio Lower Upper
142 100
127 46.0 33.5 50.3
141 17.5 11.7 17.5

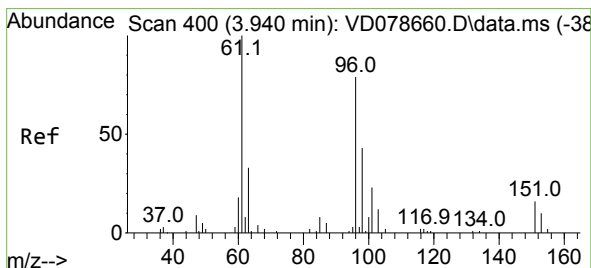
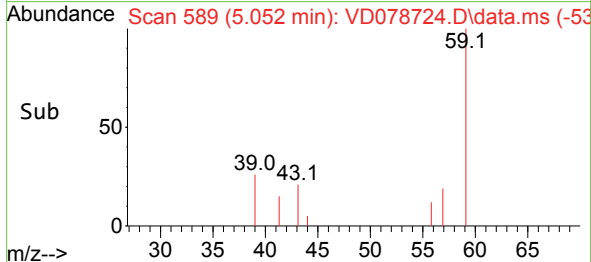
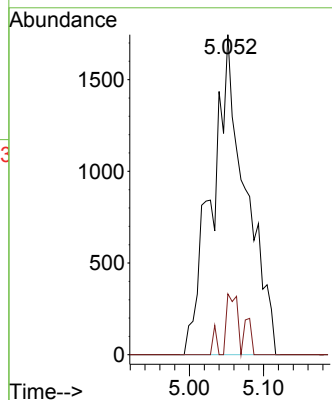
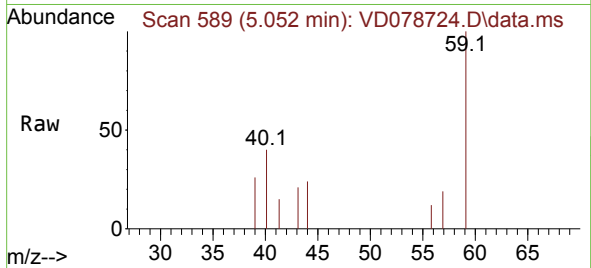




#11
Tert butyl alcohol
Concen: 122.114 ug/l
RT: 5.052 min Scan# 51
Delta R.T. -0.006 min
Lab File: VD078724.D
Acq: 21 Mar 2024 12:06

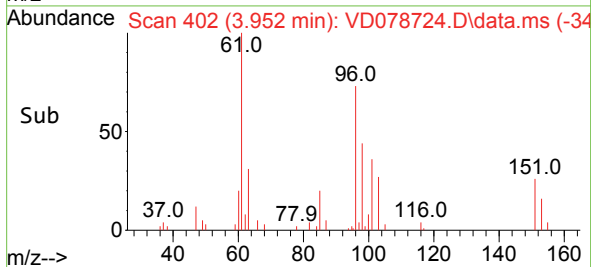
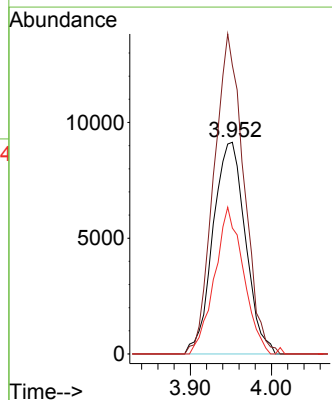
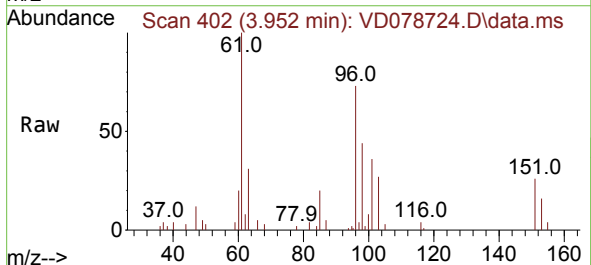
Instrument :
MSVOA_D
ClientSampleId :

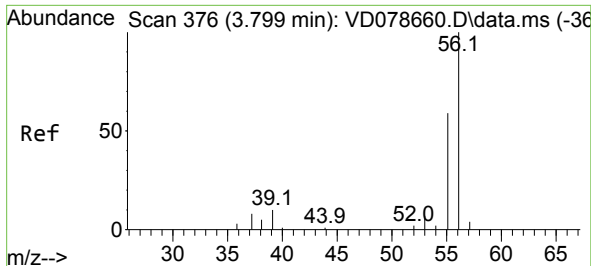
Tgt Ion: 59 Resp: 5540
Ion Ratio Lower Upper
59 100
57 6.0 7.4 11.0#



#12
1,1-Dichloroethene
Concen: 22.903 ug/l
RT: 3.952 min Scan# 402
Delta R.T. 0.012 min
Lab File: VD078724.D
Acq: 21 Mar 2024 12:06

Tgt Ion: 96 Resp: 25348
Ion Ratio Lower Upper
96 100
61 136.4 101.4 152.0
98 59.5 43.4 65.0





#13

Acrolein

Concen: 126.640 ug/l

RT: 3.805 min Scan# 31

Delta R.T. 0.006 min

Lab File: VD078724.D

Acq: 21 Mar 2024 12:06

Instrument :

MSVOA_D

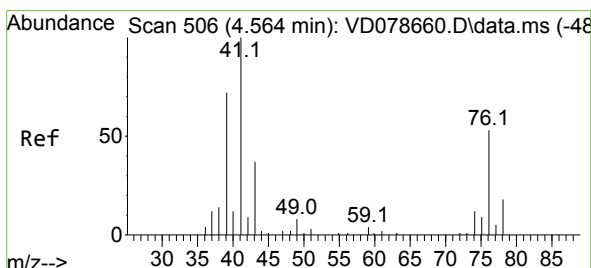
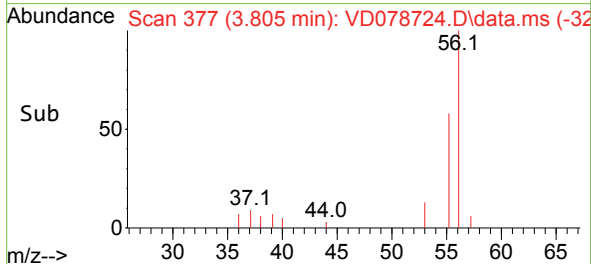
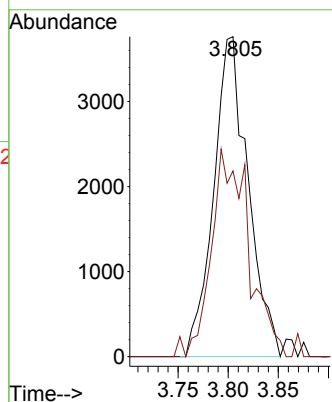
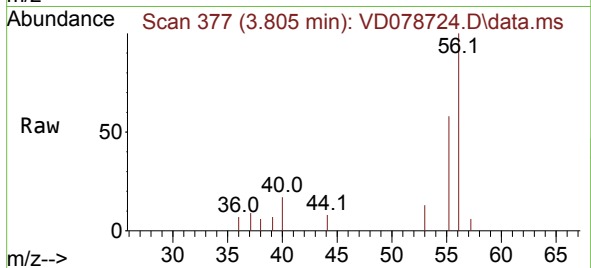
ClientSampleId :

Tgt Ion: 56 Resp: 9000

Ion Ratio Lower Upper

56 100

55 70.4 54.9 82.3



#14

Allyl chloride

Concen: 22.252 ug/l

RT: 4.569 min Scan# 507

Delta R.T. 0.006 min

Lab File: VD078724.D

Acq: 21 Mar 2024 12:06

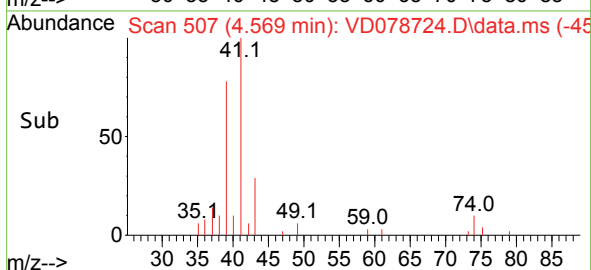
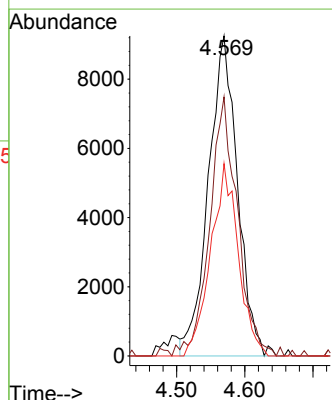
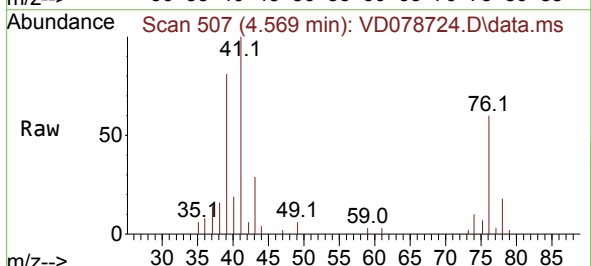
Tgt Ion: 41 Resp: 27480

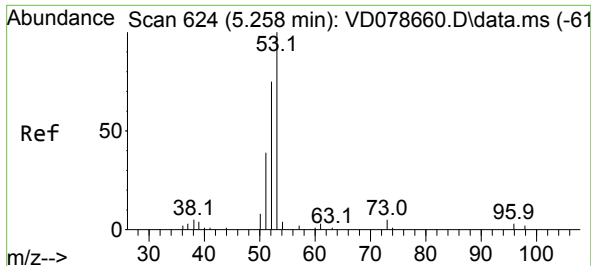
Ion Ratio Lower Upper

41 100

39 77.5 57.8 86.6

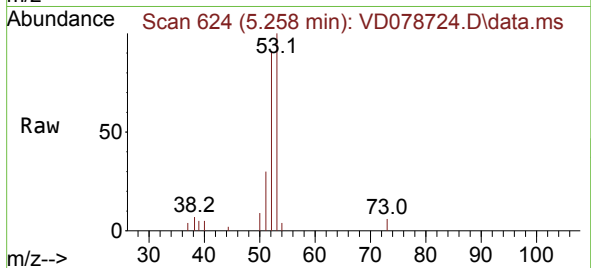
76 57.0 44.8 67.2



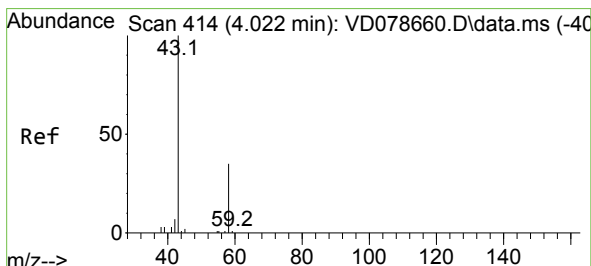
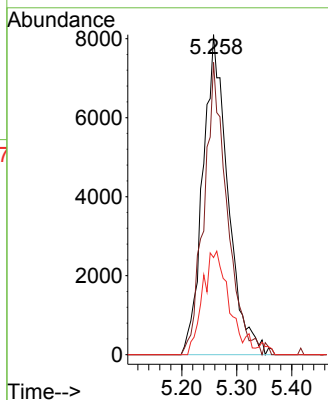
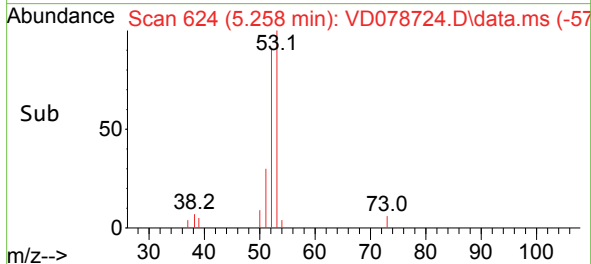


#15
Acrylonitrile
Concen: 118.027 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078724.D
Acq: 21 Mar 2024 12:06

Instrument :
MSVOA_D
ClientSampleId :

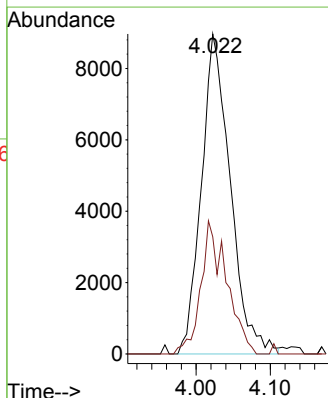
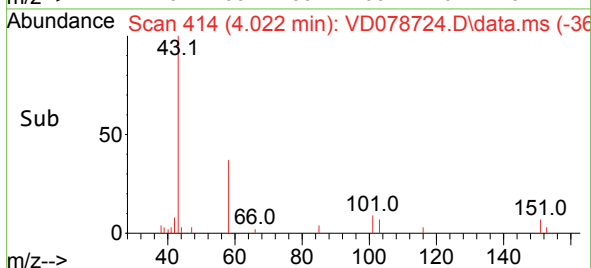
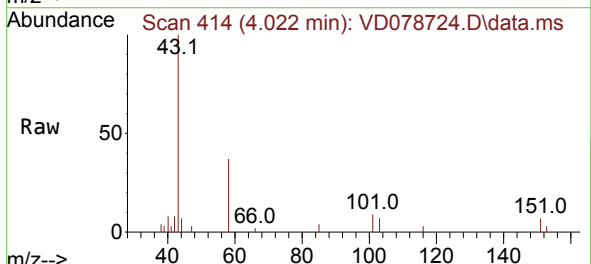


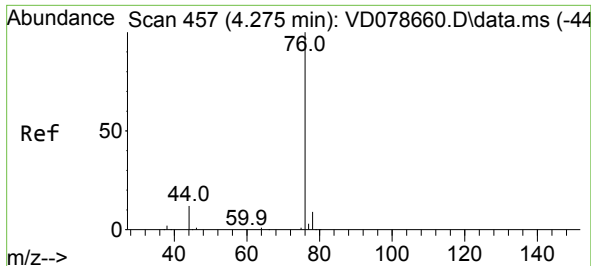
Tgt Ion:	53	Resp:	25771
Ion	Ratio	Lower	Upper
53	100		
52	83.3	61.9	92.9
51	32.7	29.0	43.4



#16
Acetone
Concen: 124.047 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD078724.D
Acq: 21 Mar 2024 12:06

Tgt Ion:	43	Resp:	24317
Ion	Ratio	Lower	Upper
43	100		
58	36.6	28.2	42.4

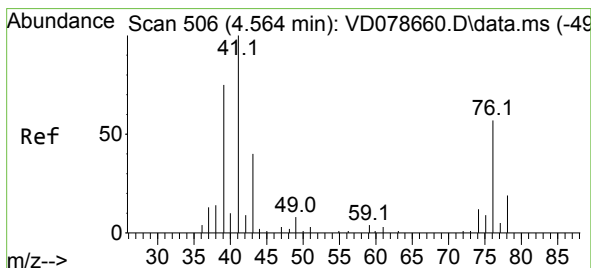
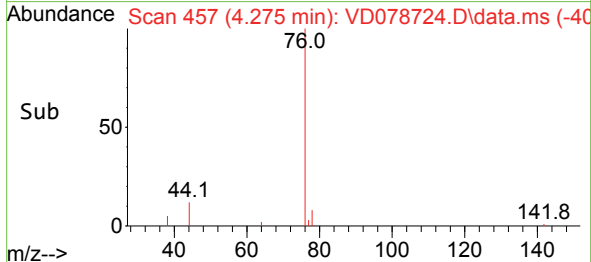
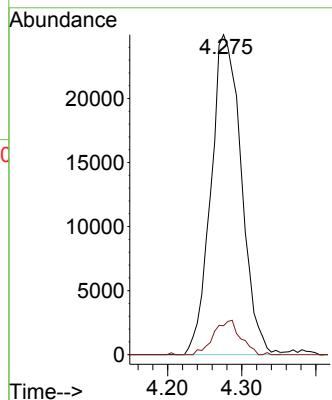
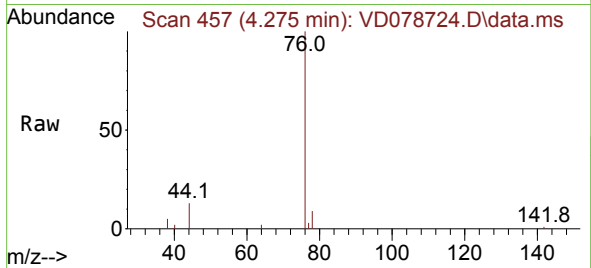




#17
Carbon Disulfide
Concen: 19.590 ug/l
RT: 4.275 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD078724.D
Acq: 21 Mar 2024 12:06

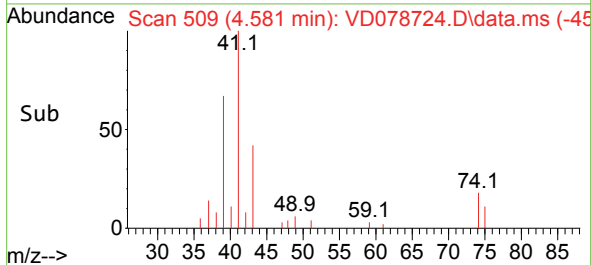
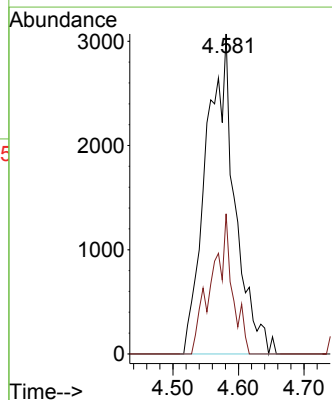
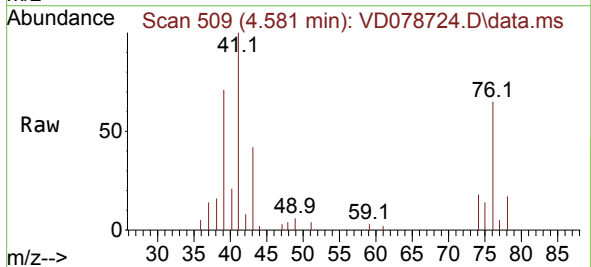
Instrument :
MSVOA_D
ClientSampleId :

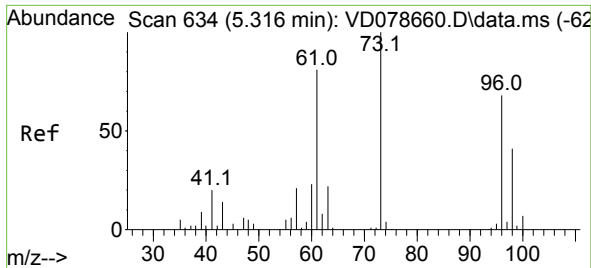
Tgt Ion: 76 Resp: 71079
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9



#18
Methyl Acetate
Concen: 22.482 ug/l
RT: 4.581 min Scan# 509
Delta R.T. 0.017 min
Lab File: VD078724.D
Acq: 21 Mar 2024 12:06

Tgt Ion: 43 Resp: 9458
Ion Ratio Lower Upper
43 100
74 31.1 25.3 37.9

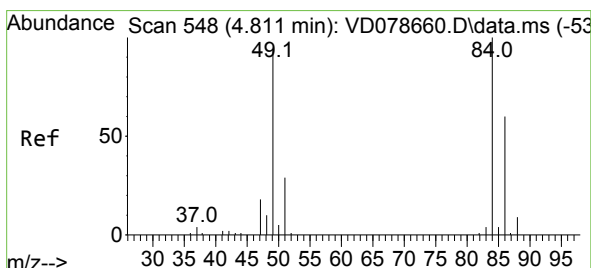
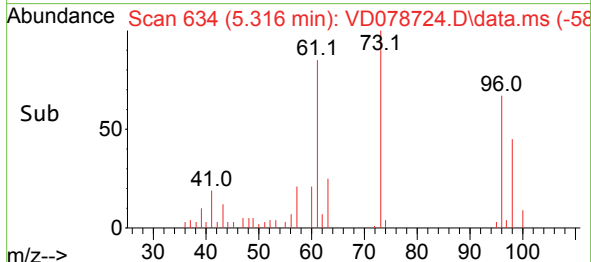
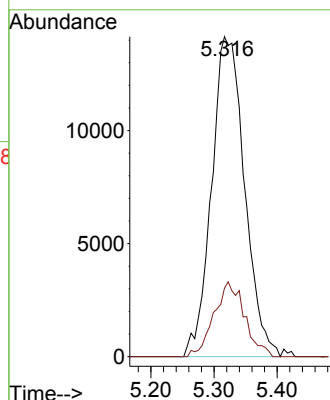
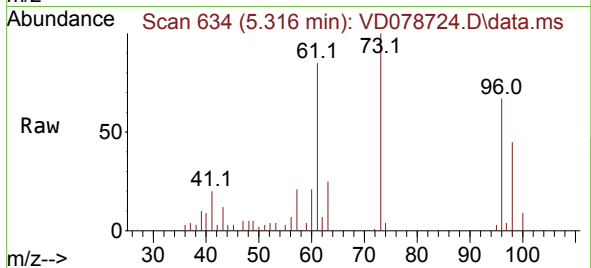




#19
Methyl tert-butyl Ether
Concen: 22.999 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078724.D
Acq: 21 Mar 2024 12:06

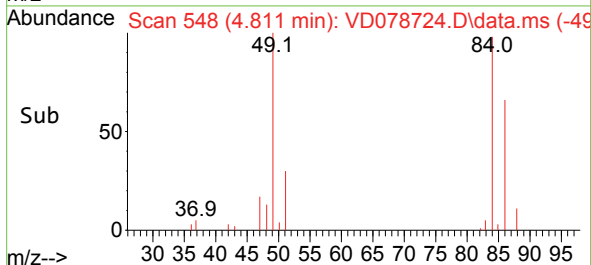
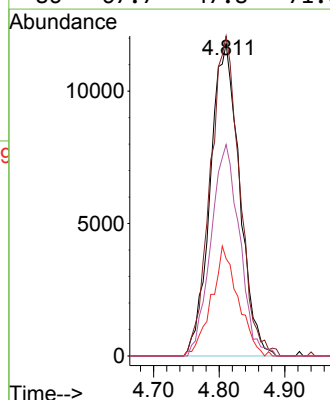
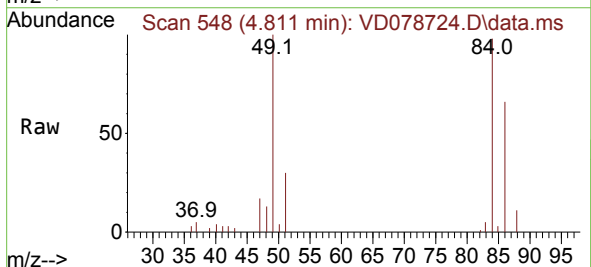
Instrument :
MSVOA_D
ClientSampleId :

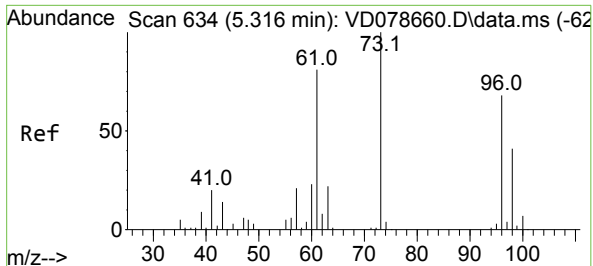
Tgt Ion: 73 Resp: 51333
Ion Ratio Lower Upper
73 100
57 21.5 16.4 24.6



#20
Methylene Chloride
Concen: 24.957 ug/l
RT: 4.811 min Scan# 548
Delta R.T. -0.000 min
Lab File: VD078724.D
Acq: 21 Mar 2024 12:06

Tgt Ion: 84 Resp: 36615
Ion Ratio Lower Upper
84 100
49 102.5 75.6 113.4
51 31.2 23.4 35.0
86 67.7 47.8 71.6

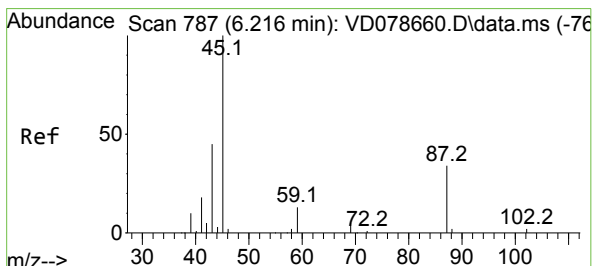
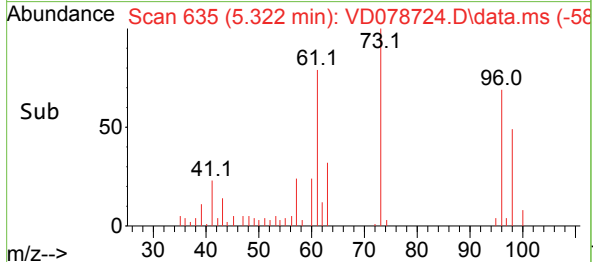
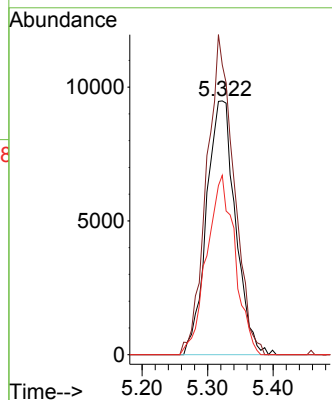
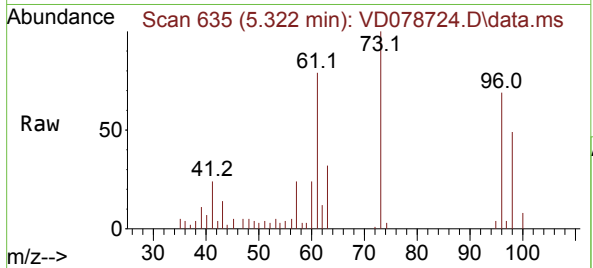




#21
trans-1,2-Dichloroethene
Concen: 22.276 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD078724.D
Acq: 21 Mar 2024 12:06

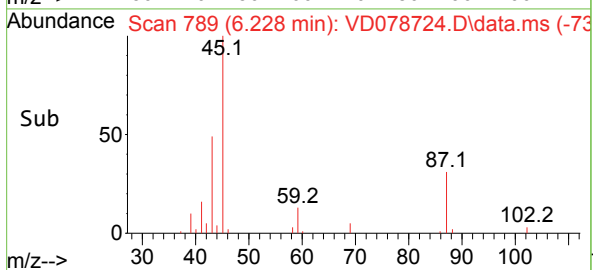
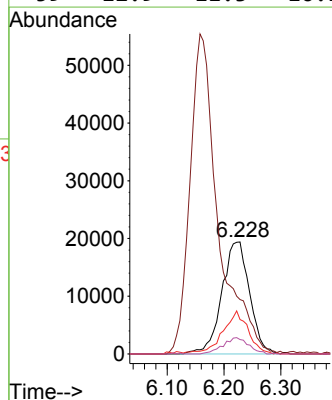
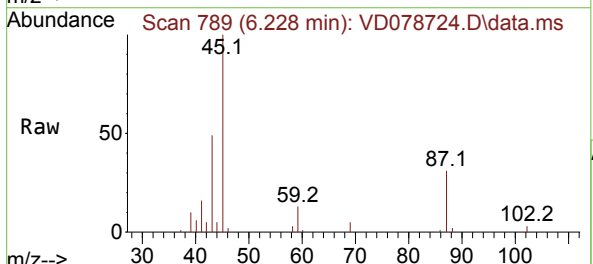
Instrument :
MSVOA_D
ClientSampleId :

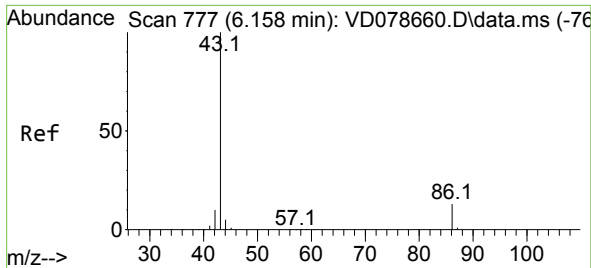
Tgt Ion: 96 Resp: 29091
Ion Ratio Lower Upper
96 100
61 114.2 96.1 144.1
98 70.7 48.9 73.3



#22
Diisopropyl ether
Concen: 23.421 ug/l
RT: 6.228 min Scan# 789
Delta R.T. 0.012 min
Lab File: VD078724.D
Acq: 21 Mar 2024 12:06

Tgt Ion: 45 Resp: 65760
Ion Ratio Lower Upper
45 100
43 46.2 44.3 66.5
87 30.8 28.3 42.5
59 12.9 11.3 16.9

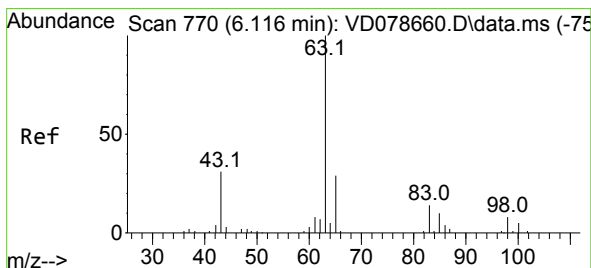
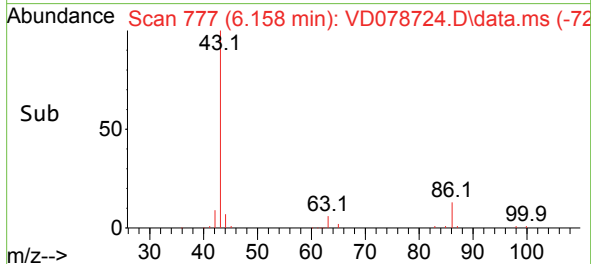
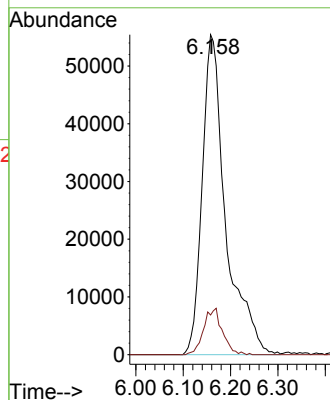
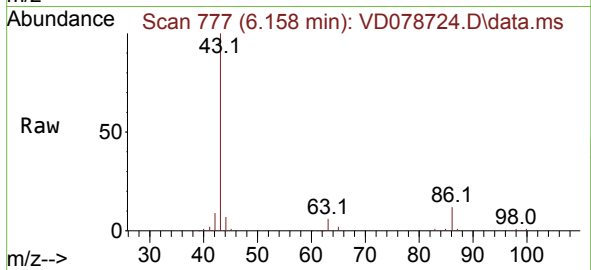




#23
 Vinyl Acetate
 Concen: 116.556 ug/l
 RT: 6.158 min Scan# 777
 Delta R.T. 0.000 min
 Lab File: VD078724.D
 Acq: 21 Mar 2024 12:06

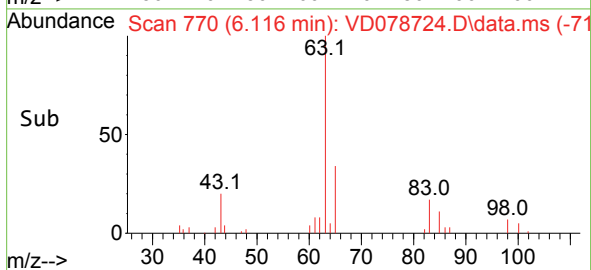
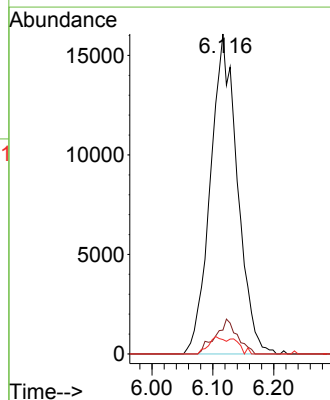
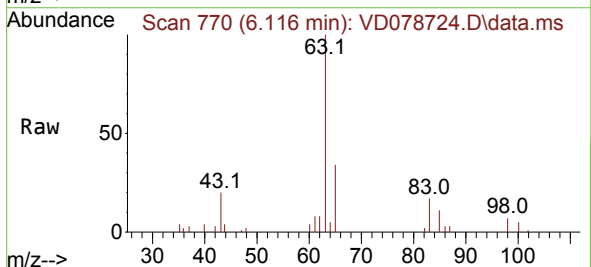
Instrument :
 MSVOA_D
 ClientSampleId :

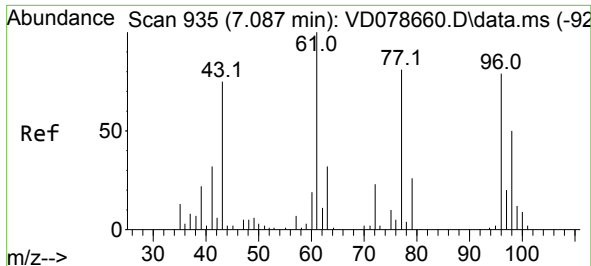
Tgt Ion: 43 Resp: 191429
 Ion Ratio Lower Upper
 43 100
 86 12.4 10.7 16.1



#24
 1,1-Dichloroethane
 Concen: 23.566 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.000 min
 Lab File: VD078724.D
 Acq: 21 Mar 2024 12:06

Tgt Ion: 63 Resp: 49609
 Ion Ratio Lower Upper
 63 100
 98 7.5 4.0 11.9
 100 4.5 2.7 8.1

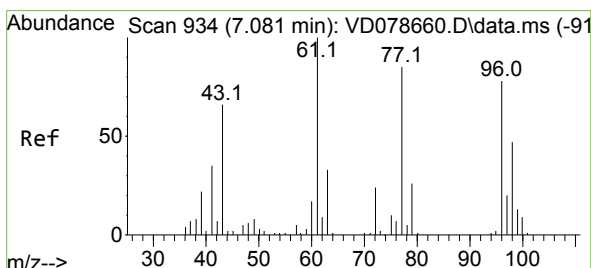
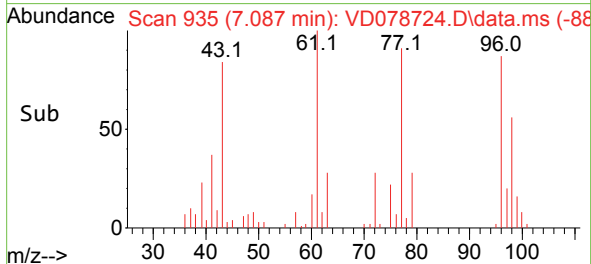
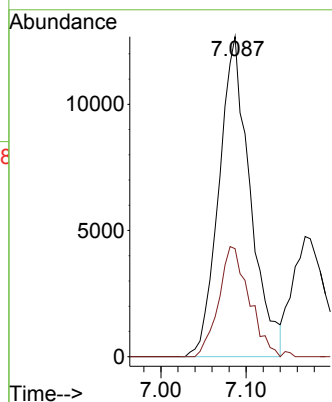
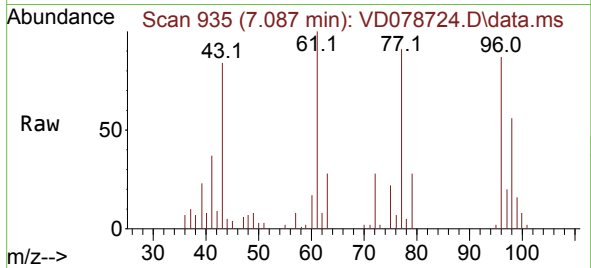




#25
2-Butanone
Concen: 123.711 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD078724.D
Acq: 21 Mar 2024 12:06

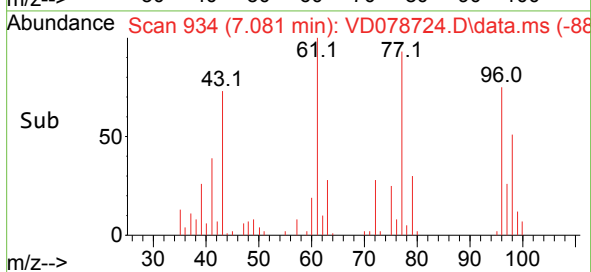
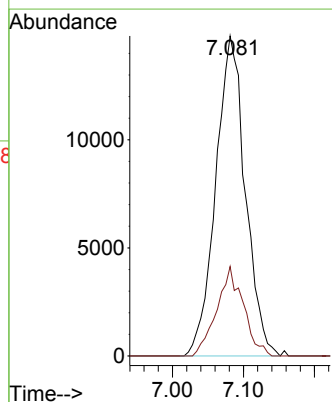
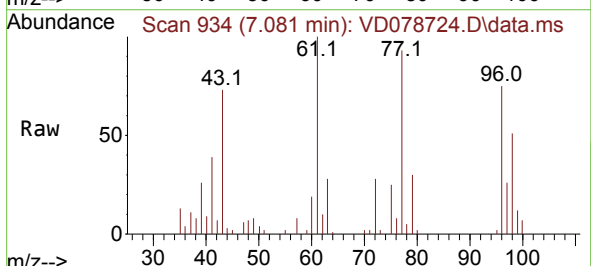
Instrument :
MSVOA_D
ClientSampleId :

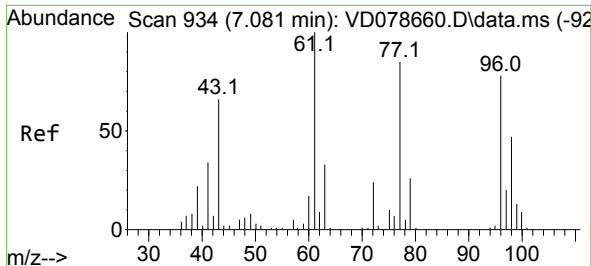
Tgt Ion: 43 Resp: 32242
Ion Ratio Lower Upper
43 100
72 33.7 25.0 37.6



#26
2,2-Dichloropropane
Concen: 24.046 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.000 min
Lab File: VD078724.D
Acq: 21 Mar 2024 12:06

Tgt Ion: 77 Resp: 42826
Ion Ratio Lower Upper
77 100
97 25.1 12.4 37.0





#27

cis-1,2-Dichloroethene

Concen: 23.209 ug/l

RT: 7.087 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD078724.D

Acq: 21 Mar 2024 12:06

Instrument :

MSVOA_D

ClientSampleId :

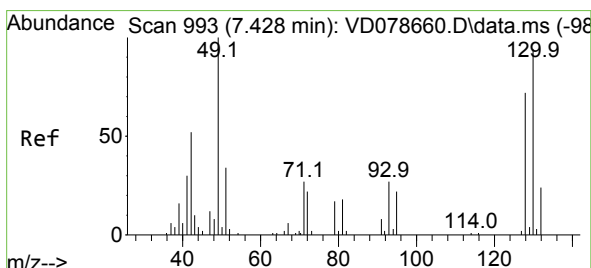
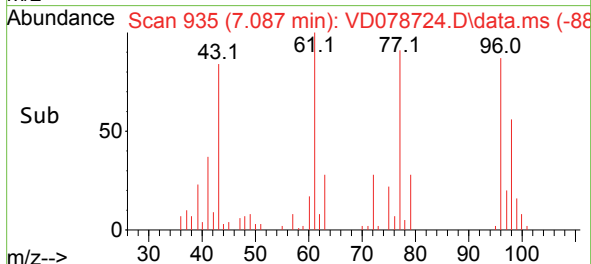
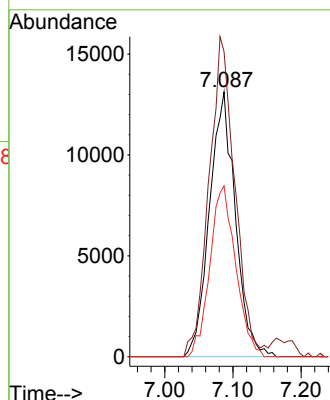
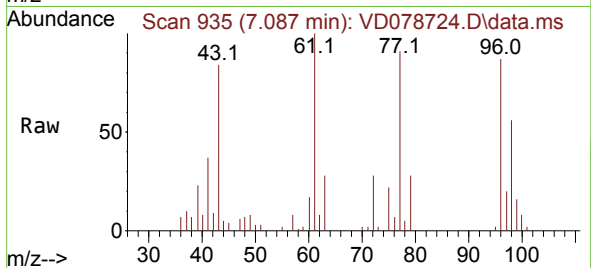
Tgt Ion: 96 Resp: 34570

Ion Ratio Lower Upper

96 100

61 120.4 0.0 245.0

98 64.6 0.0 126.6



#28

Bromochloromethane

Concen: 22.784 ug/l

RT: 7.434 min Scan# 994

Delta R.T. 0.006 min

Lab File: VD078724.D

Acq: 21 Mar 2024 12:06

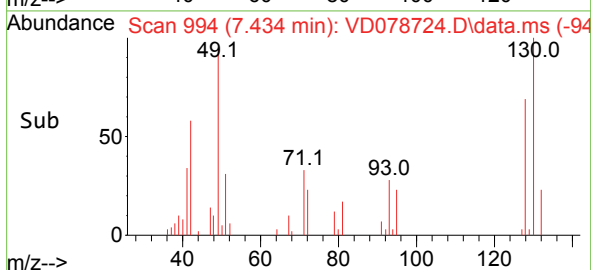
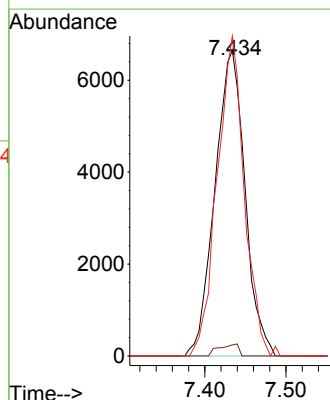
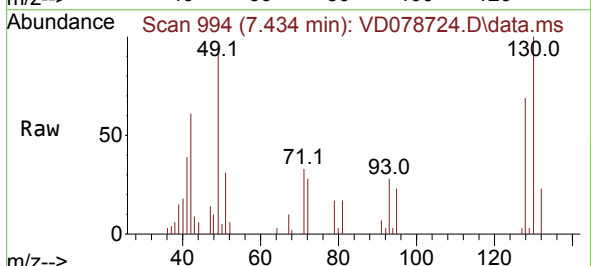
Tgt Ion: 49 Resp: 17099

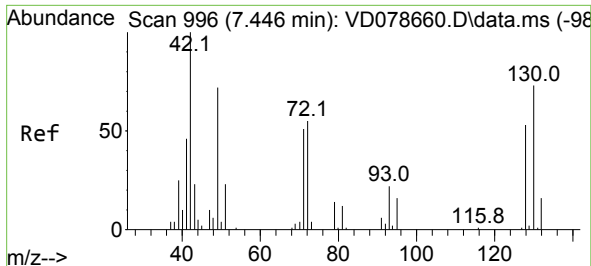
Ion Ratio Lower Upper

49 100

129 2.5 0.0 6.2

130 94.6 77.1 115.7





#29

Tetrahydrofuran

Concen: 120.363 ug/l

RT: 7.452 min Scan# 99

Delta R.T. 0.006 min

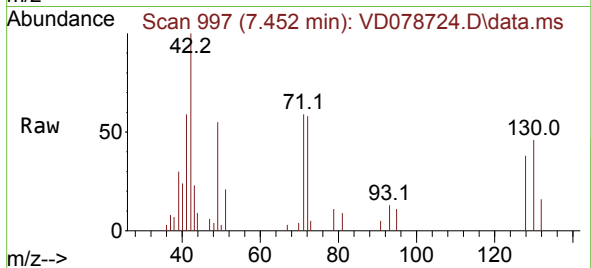
Lab File: VD078724.D

Acq: 21 Mar 2024 12:06

Instrument :

MSVOA_D

ClientSampleId :



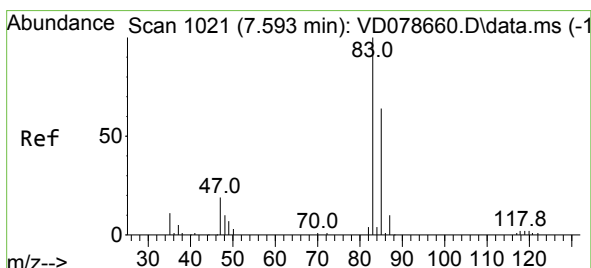
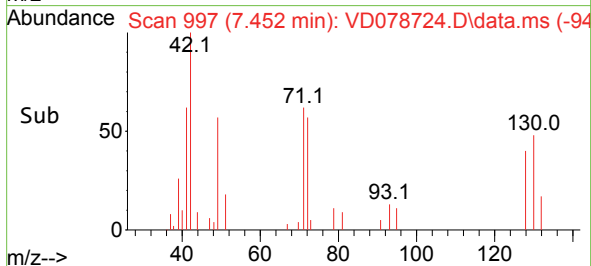
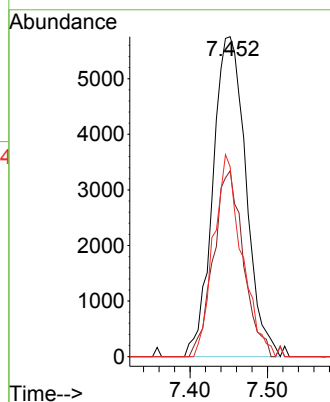
Tgt Ion: 42 Resp: 17062

Ion Ratio Lower Upper

42 100

72 52.8 43.8 65.6

71 54.4 42.0 63.0



#30

Chloroform

Concen: 23.578 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VD078724.D

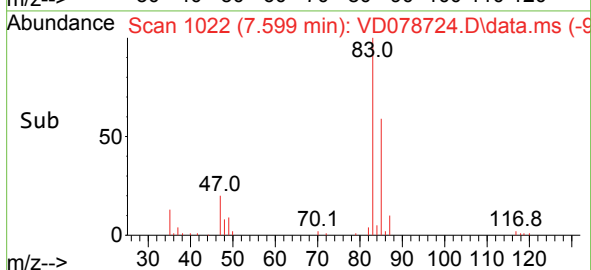
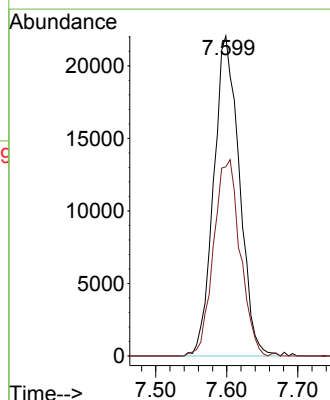
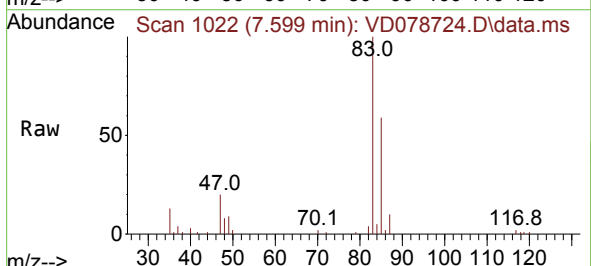
Acq: 21 Mar 2024 12:06

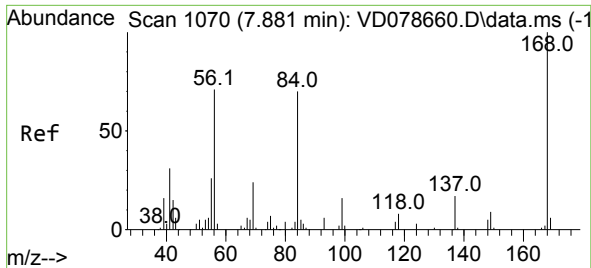
Tgt Ion: 83 Resp: 55341

Ion Ratio Lower Upper

83 100

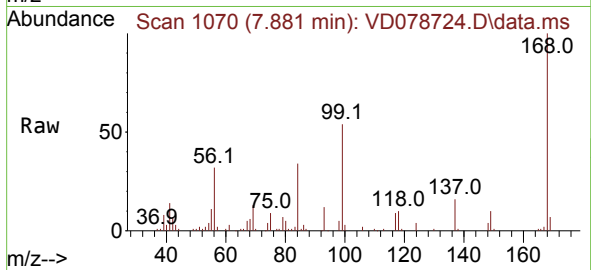
85 59.1 51.2 76.8



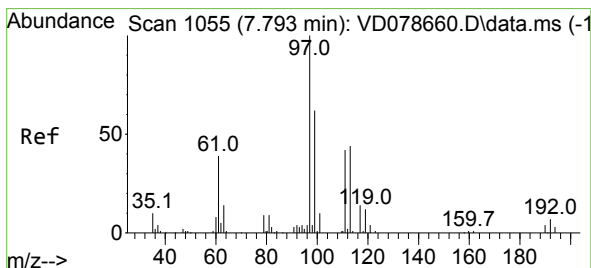
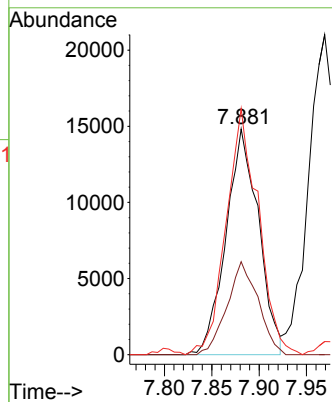
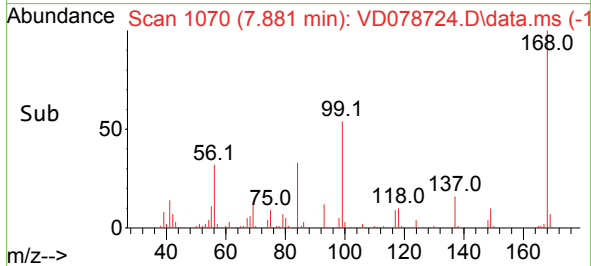


#31
Cyclohexane
Concen: 20.809 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD078724.D
Acq: 21 Mar 2024 12:06

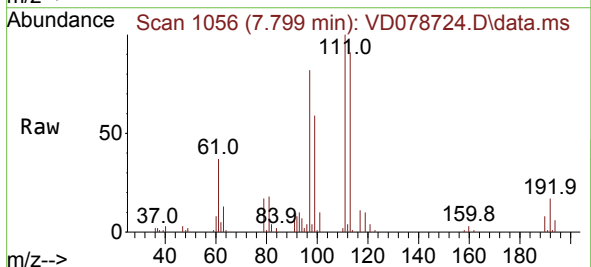
Instrument :
MSVOA_D
ClientSampleId :



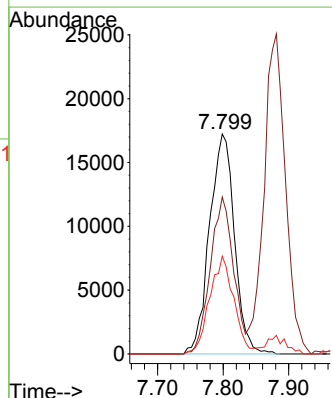
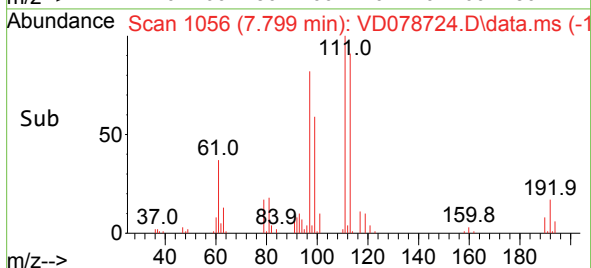
Tgt Ion: 56 Resp: 35457
Ion Ratio Lower Upper
56 100
69 41.2 26.6 40.0#
84 107.9 79.4 119.2

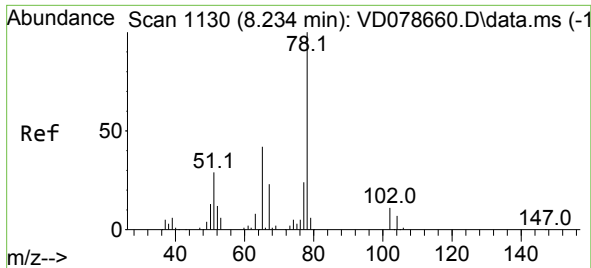


#32
1,1,1-Trichloroethane
Concen: 22.826 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VD078724.D
Acq: 21 Mar 2024 12:06



Tgt Ion: 97 Resp: 45456
Ion Ratio Lower Upper
97 100
99 66.4 50.8 76.2
61 43.0 33.0 49.6

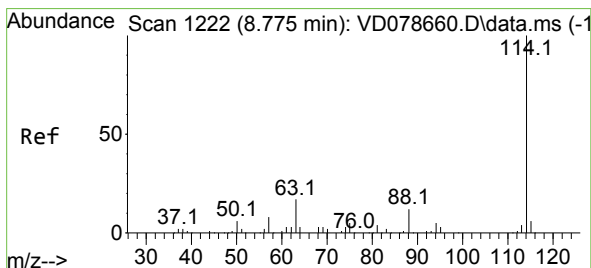
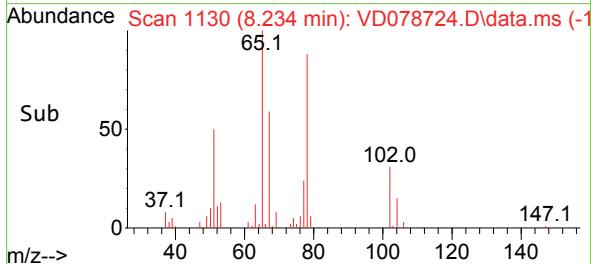
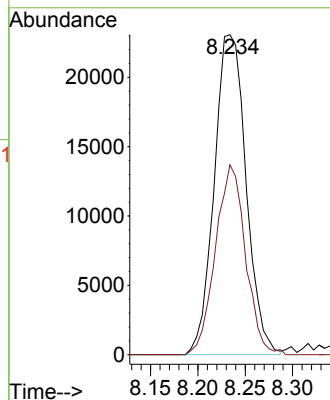
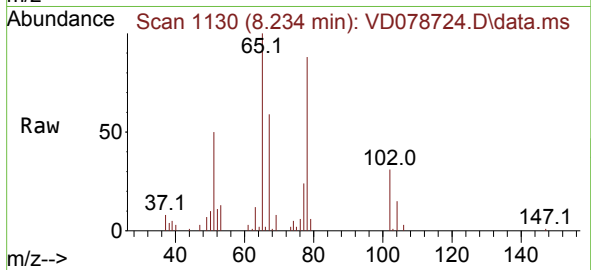




#33
1,2-Dichloroethane-d4
Concen: 53.275 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD078724.D
Acq: 21 Mar 2024 12:06

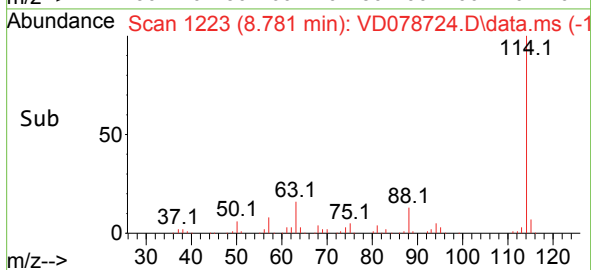
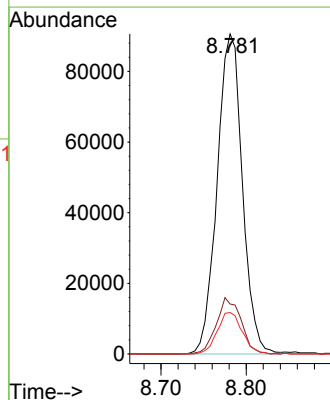
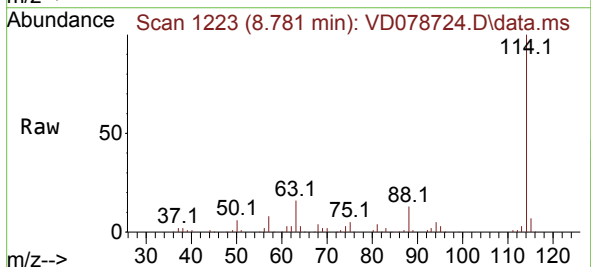
Instrument :
MSVOA_D
ClientSampleId :

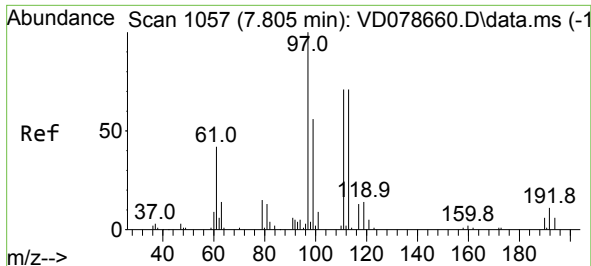
Tgt Ion: 65 Resp: 54007
Ion Ratio Lower Upper
65 100
67 56.0 0.0 110.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 1223
Delta R.T. 0.006 min
Lab File: VD078724.D
Acq: 21 Mar 2024 12:06

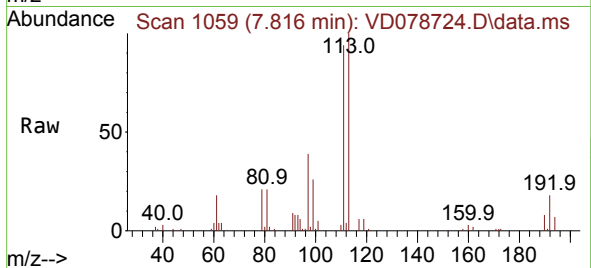
Tgt Ion: 114 Resp: 186420
Ion Ratio Lower Upper
114 100
63 15.6 0.0 33.4
88 13.0 0.0 24.6



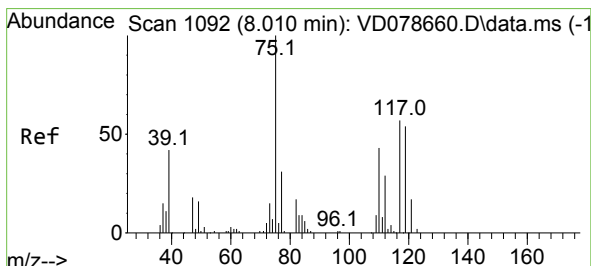
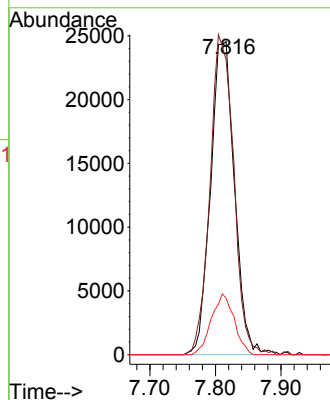
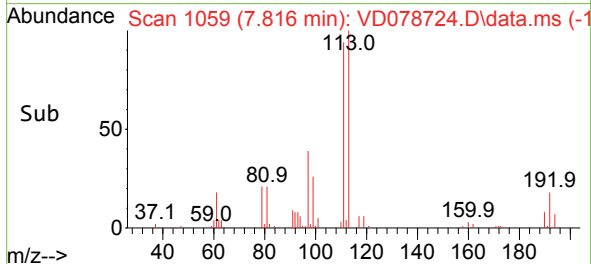


#35
Dibromofluoromethane
Concen: 51.885 ug/l
RT: 7.816 min Scan# 1059
Delta R.T. 0.012 min
Lab File: VD078724.D
Acq: 21 Mar 2024 12:06

Instrument :
MSVOA_D
ClientSampleId :

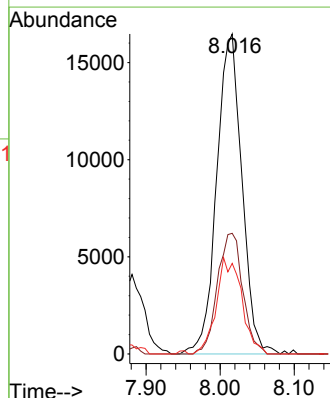
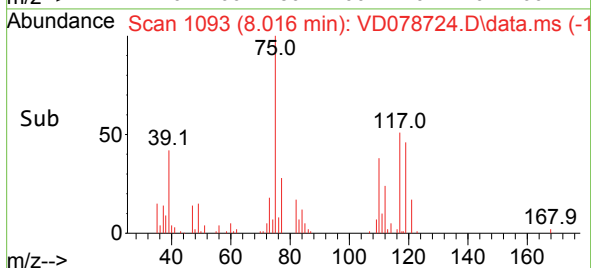
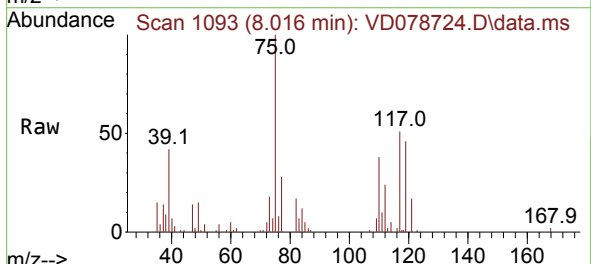


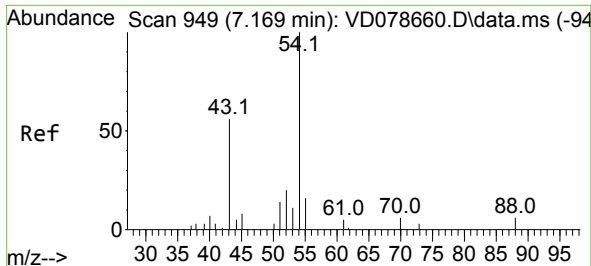
Tgt Ion:113 Resp: 62276
Ion Ratio Lower Upper
113 100
111 101.1 81.9 122.9
192 18.5 15.4 23.0



#36
1,1-Dichloropropene
Concen: 22.385 ug/l
RT: 8.016 min Scan# 1093
Delta R.T. 0.006 min
Lab File: VD078724.D
Acq: 21 Mar 2024 12:06

Tgt Ion: 75 Resp: 38983
Ion Ratio Lower Upper
75 100
110 37.8 19.1 57.1
77 30.2 25.4 38.2





#37

Ethyl Acetate

Concen: 21.328 ug/l

RT: 7.169 min Scan# 949

Delta R.T. 0.000 min

Lab File: VD078724.D

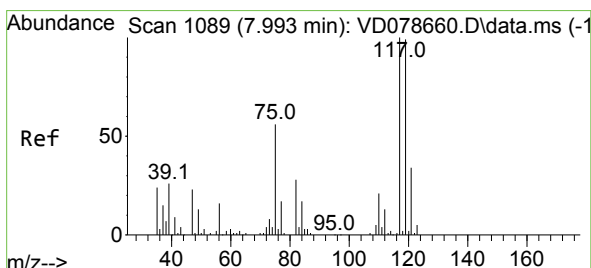
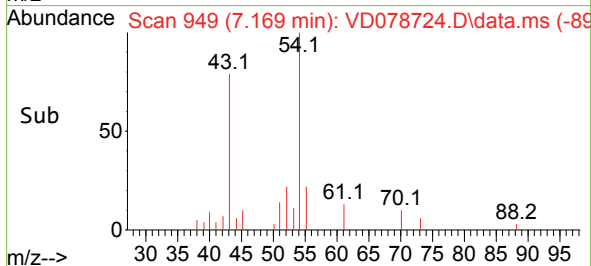
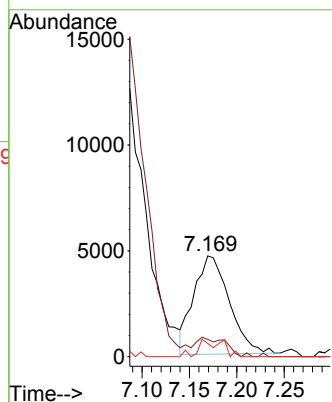
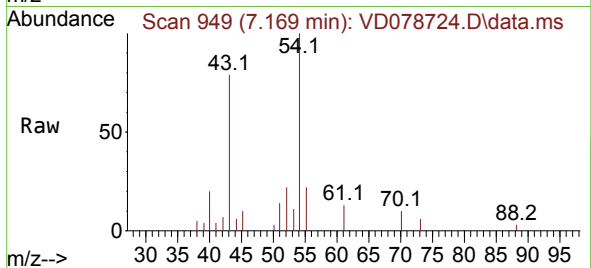
Acq: 21 Mar 2024 12:06

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 43	Resp: 12134
Ion Ratio	Lower Upper
43	100
61	15.5 14.6 21.8
70	6.8 9.4 14.0



#38

Carbon Tetrachloride

Concen: 23.193 ug/l

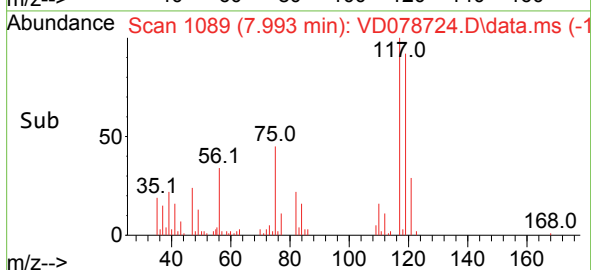
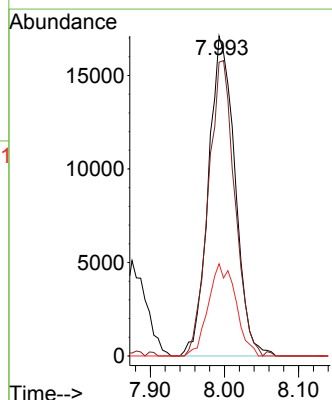
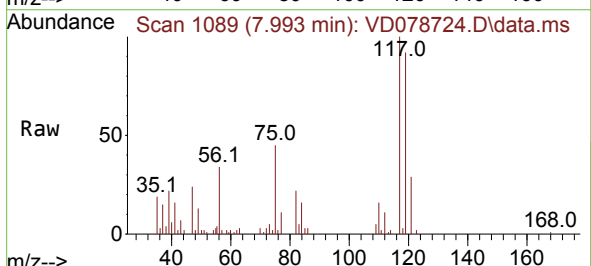
RT: 7.993 min Scan# 1089

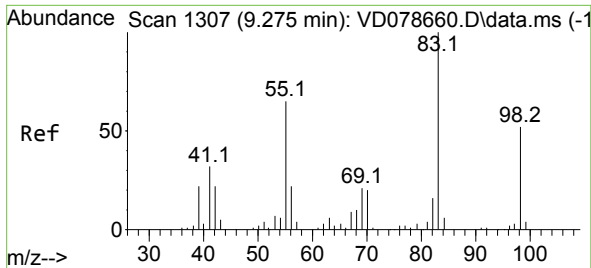
Delta R.T. 0.000 min

Lab File: VD078724.D

Acq: 21 Mar 2024 12:06

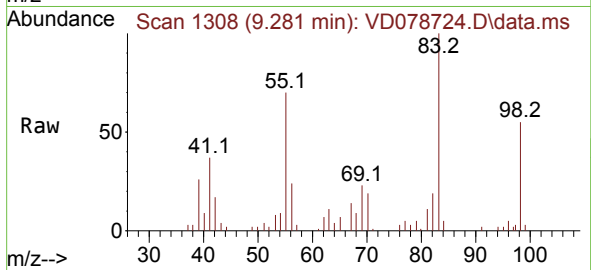
Tgt Ion: 117	Resp: 42582
Ion Ratio	Lower Upper
117	100
119	91.8 79.2 118.8
121	28.8 26.8 40.2



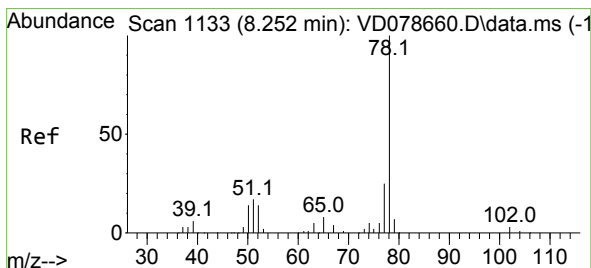
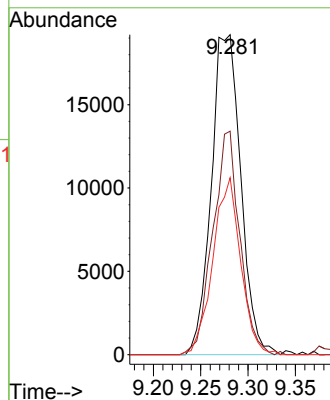
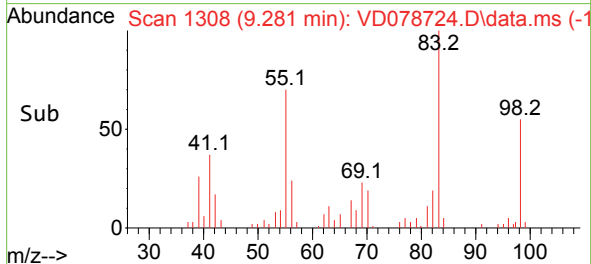


#39
Methylcyclohexane
Concen: 20.647 ug/l
RT: 9.281 min Scan# 11308
Delta R.T. 0.006 min
Lab File: VD078724.D
Acq: 21 Mar 2024 12:06

Instrument :
MSVOA_D
ClientSampleId :

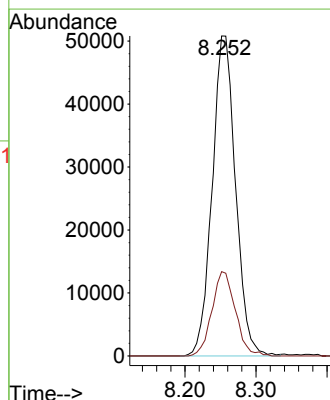
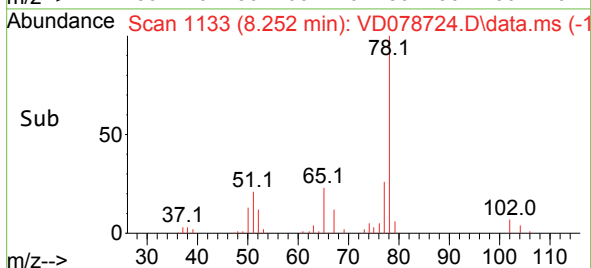
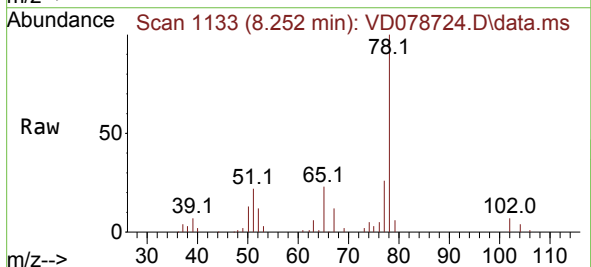


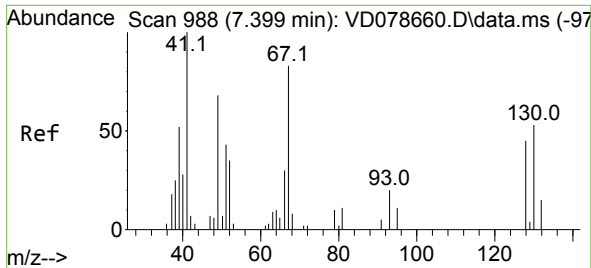
Tgt Ion: 83 Resp: 41711
Ion Ratio Lower Upper
83 100
55 69.8 51.7 77.5
98 55.3 41.4 62.0



#40
Benzene
Concen: 22.052 ug/l
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD078724.D
Acq: 21 Mar 2024 12:06

Tgt Ion: 78 Resp: 116088
Ion Ratio Lower Upper
78 100
77 26.4 20.4 30.6

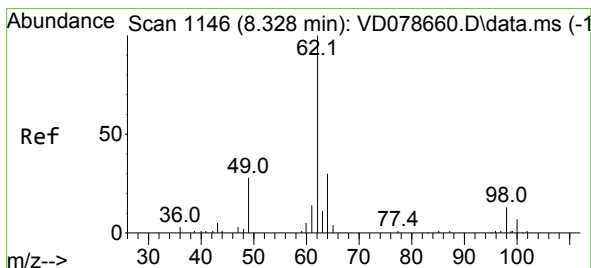
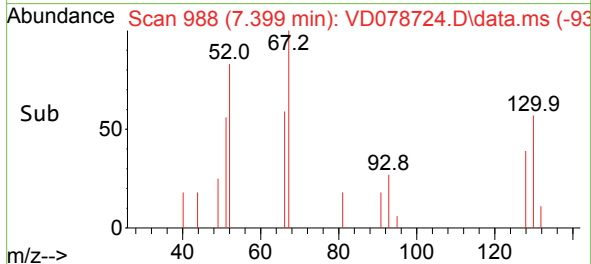
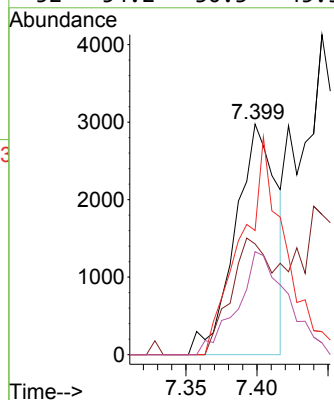
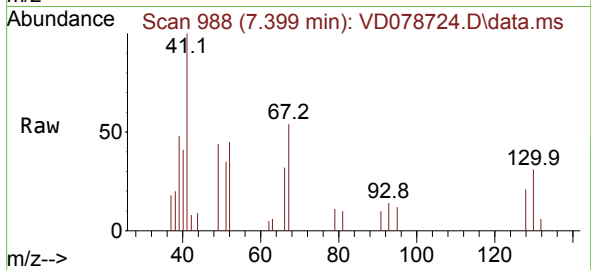




#41
Methacrylonitrile
Concen: 20.111 ug/l
RT: 7.399 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD078724.D
Acq: 21 Mar 2024 12:06

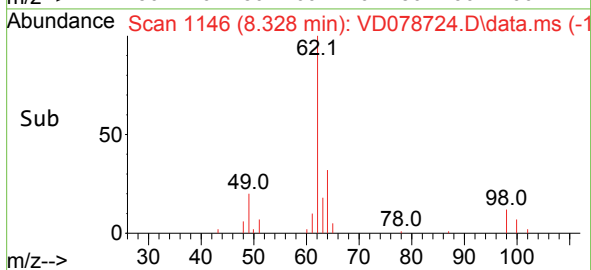
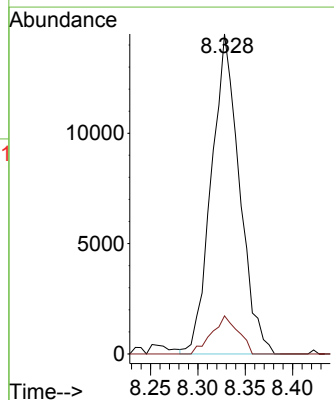
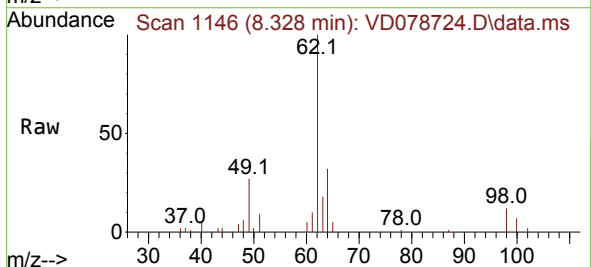
Instrument :
MSVOA_D
ClientSampleId :

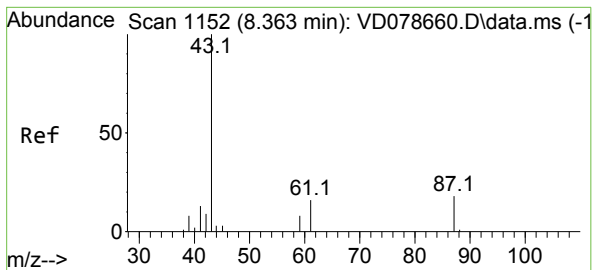
Tgt Ion: 41	Resp: 5996
Ion Ratio	Lower Upper
41	100
39	47.0 39.8 59.6
67	99.3 83.5 125.3
52	54.2 30.3 45.5#



#42
1,2-Dichloroethane
Concen: 23.314 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD078724.D
Acq: 21 Mar 2024 12:06

Tgt Ion: 62	Resp: 29931
Ion Ratio	Lower Upper
62	100
98	11.2 0.0 23.8





#43

Isopropyl Acetate

Concen: 22.699 ug/l

RT: 8.363 min Scan# 1152

Delta R.T. 0.000 min

Lab File: VD078724.D

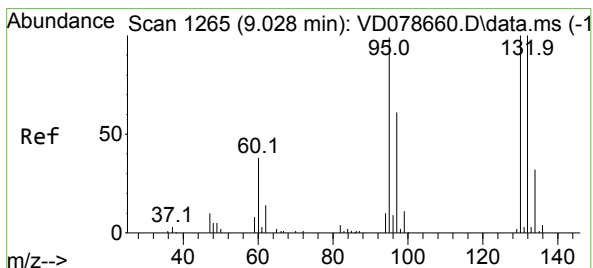
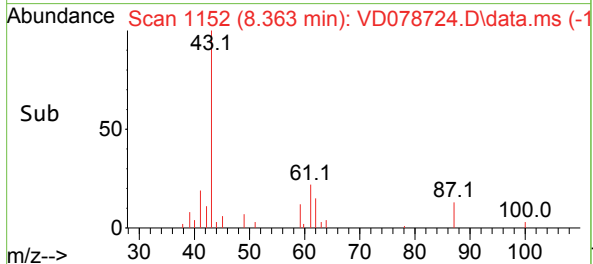
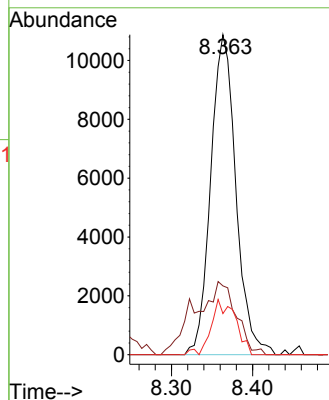
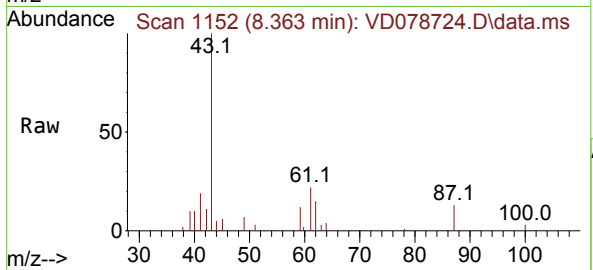
Acq: 21 Mar 2024 12:06

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 43	Resp: 23485
Ion Ratio	Lower Upper
43	100
61	23.6 30.1 45.1#
87	16.6 14.4 21.6



#44

Trichloroethene

Concen: 22.764 ug/l

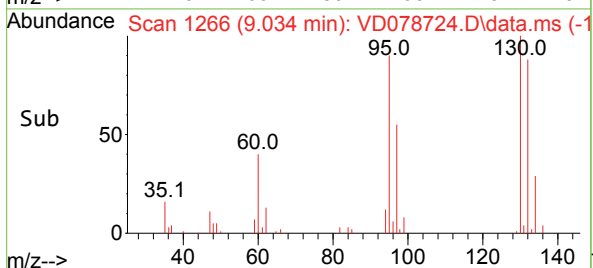
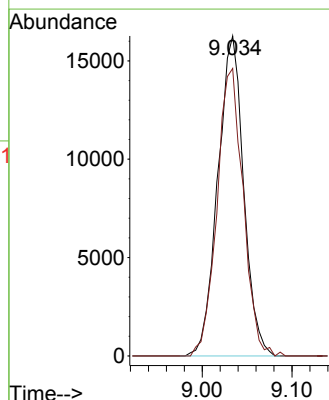
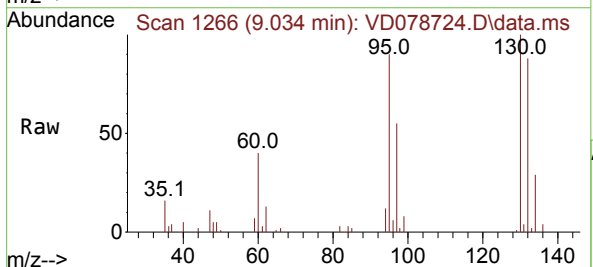
RT: 9.034 min Scan# 1266

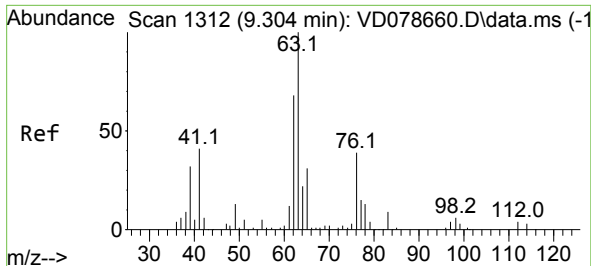
Delta R.T. 0.006 min

Lab File: VD078724.D

Acq: 21 Mar 2024 12:06

Tgt Ion: 130	Resp: 32521
Ion Ratio	Lower Upper
130	100
95	89.8 0.0 197.8





#45

1,2-Dichloropropane

Concen: 23.013 ug/l

RT: 9.310 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD078724.D

Acq: 21 Mar 2024 12:06

Instrument :

MSVOA_D

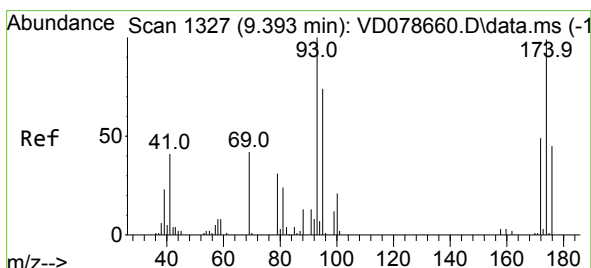
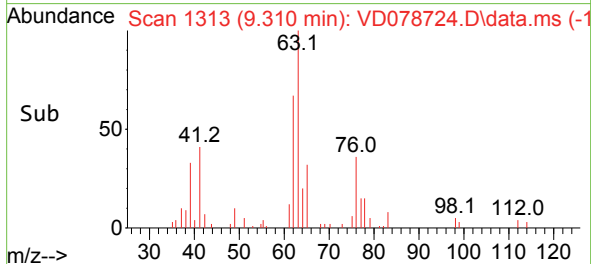
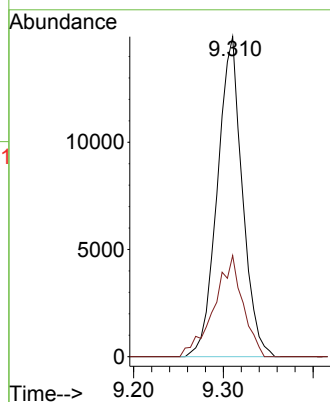
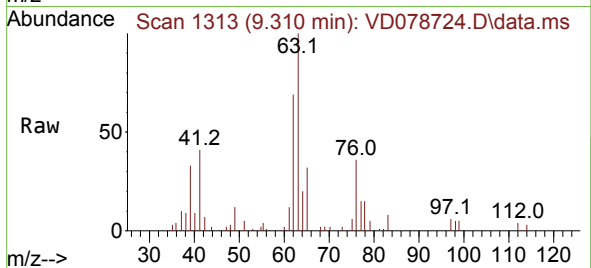
ClientSampleId :

Tgt Ion: 63 Resp: 28739

Ion Ratio Lower Upper

63 100

65 31.6 24.8 37.2



#46

Dibromomethane

Concen: 22.956 ug/l

RT: 9.399 min Scan# 1328

Delta R.T. 0.006 min

Lab File: VD078724.D

Acq: 21 Mar 2024 12:06

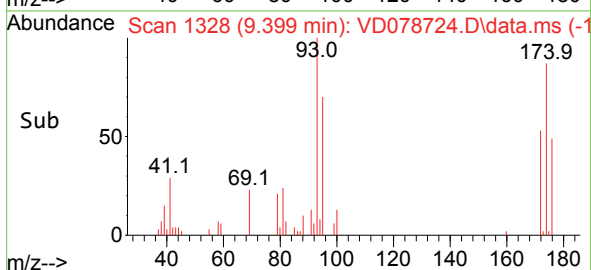
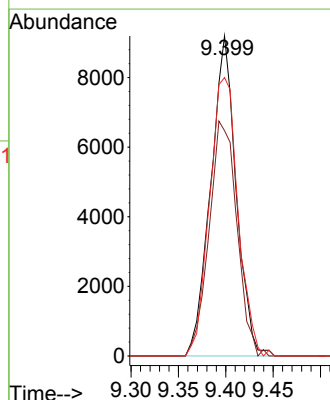
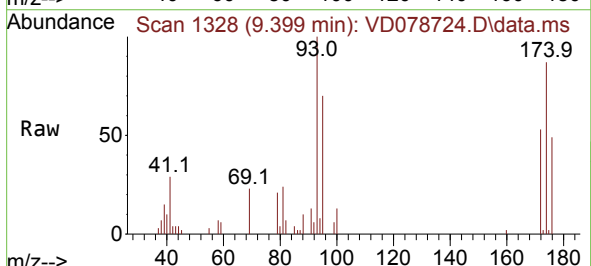
Tgt Ion: 93 Resp: 17185

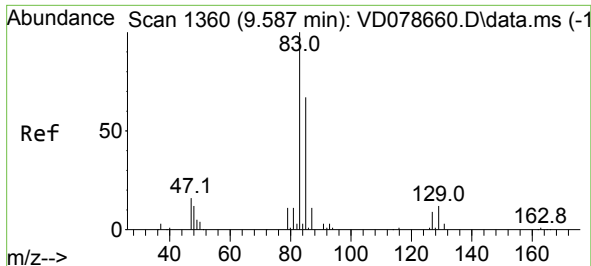
Ion Ratio Lower Upper

93 100

95 79.8 67.3 100.9

174 97.0 80.9 121.3

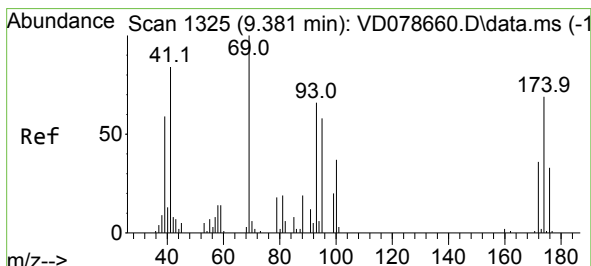
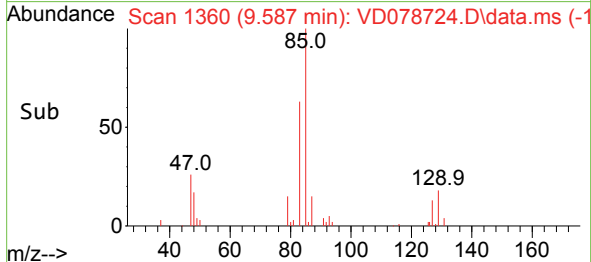
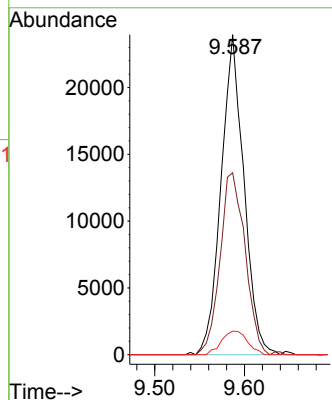
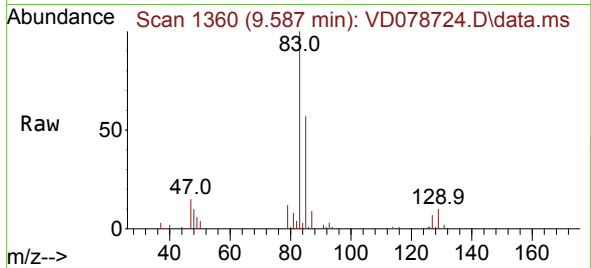




#47
Bromodichloromethane
Concen: 23.719 ug/l
RT: 9.587 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078724.D
Acq: 21 Mar 2024 12:06

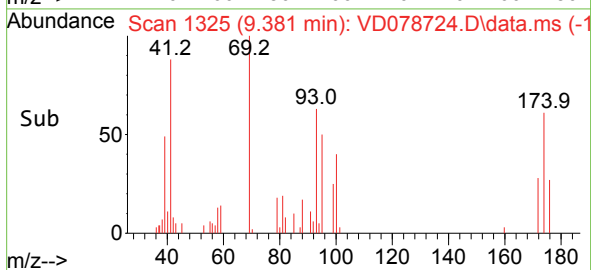
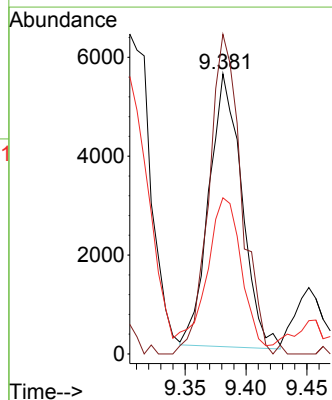
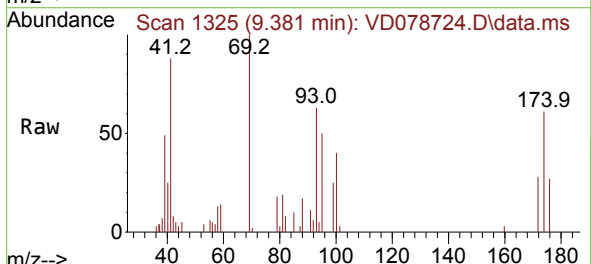
Instrument :
MSVOA_D
ClientSampleId :

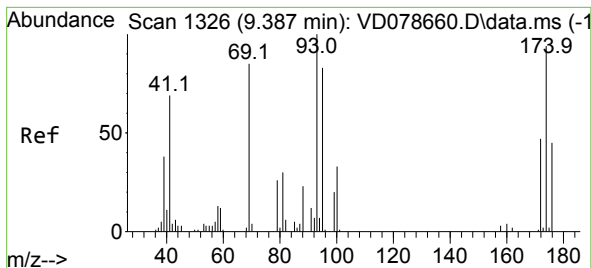
Tgt Ion: 83 Resp: 42270
Ion Ratio Lower Upper
83 100
85 56.9 54.0 81.0
127 7.3 7.1 10.7



#48
Methyl methacrylate
Concen: 20.568 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD078724.D
Acq: 21 Mar 2024 12:06

Tgt Ion: 41 Resp: 10369
Ion Ratio Lower Upper
41 100
69 115.6 88.3 132.5
39 54.2 46.6 69.8





#49

1,4-Dioxane

Concen: 396.901 ug/l

RT: 9.387 min Scan# 11

Delta R.T. 0.000 min

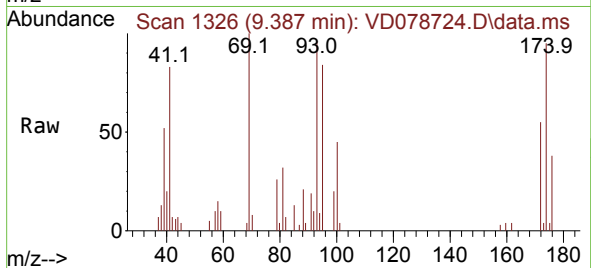
Lab File: VD078724.D

Acq: 21 Mar 2024 12:06

Instrument :

MSVOA_D

ClientSampleId :



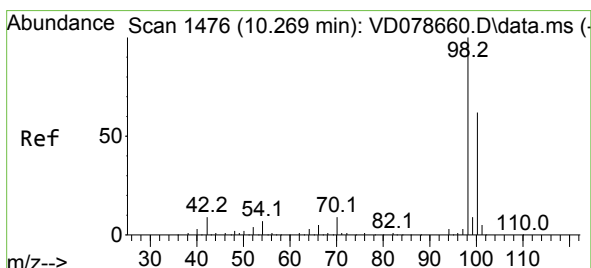
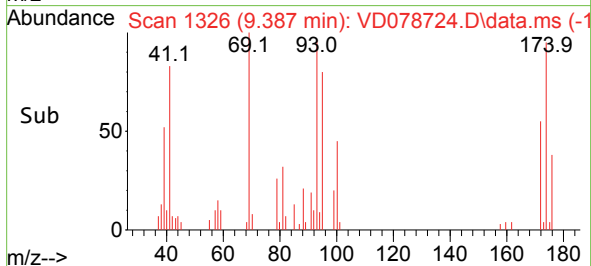
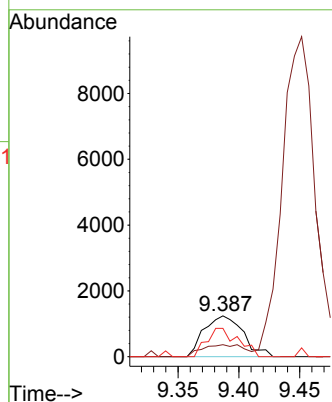
Tgt Ion: 88 Resp: 2751

Ion Ratio Lower Upper

88 100

43 31.8 23.2 34.8

58 55.9 51.0 76.6



#50

Toluene-d8

Concen: 54.093 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078724.D

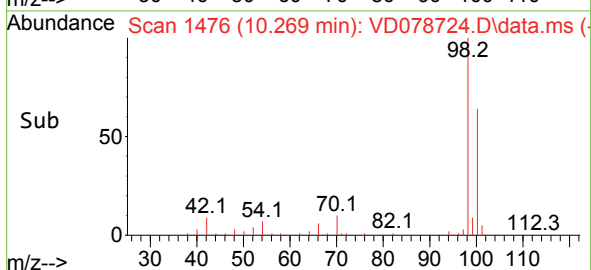
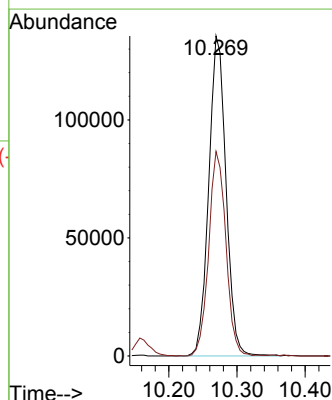
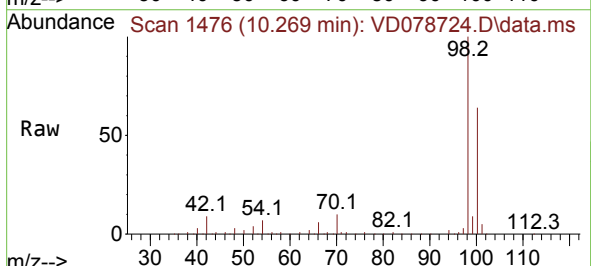
Acq: 21 Mar 2024 12:06

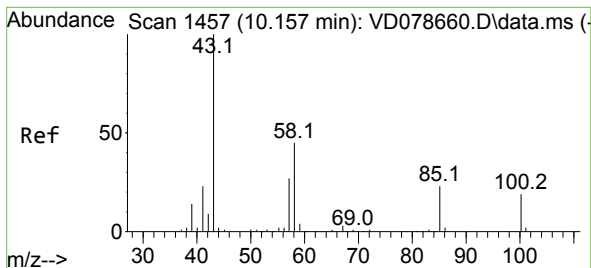
Tgt Ion: 98 Resp: 238778

Ion Ratio Lower Upper

98 100

100 63.6 50.5 75.7

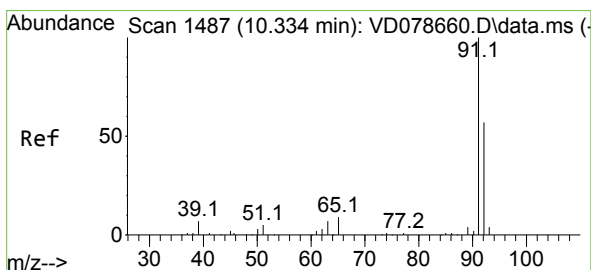
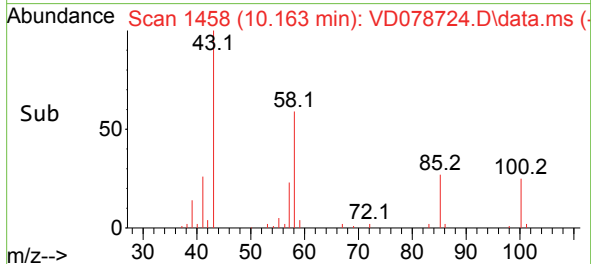
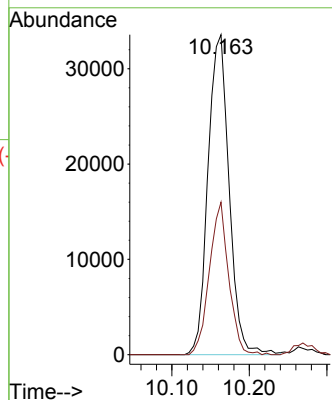
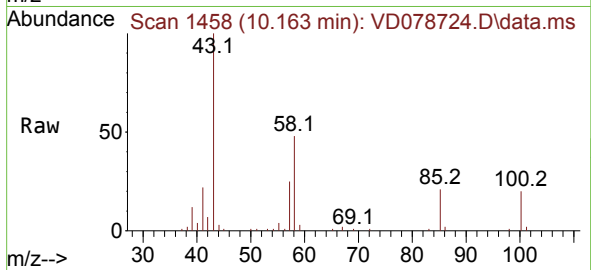




#51
4-Methyl-2-Pentanone
Concen: 117.567 ug/l
RT: 10.163 min Scan# 1458
Delta R.T. 0.006 min
Lab File: VD078724.D
Acq: 21 Mar 2024 12:06

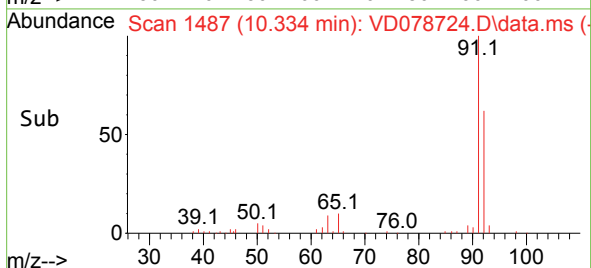
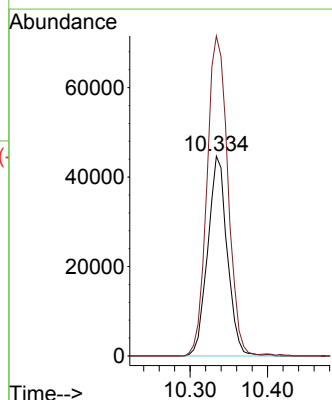
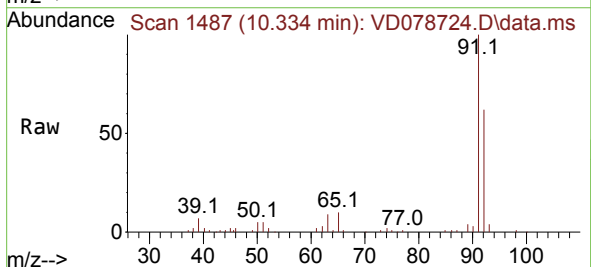
Instrument :
MSVOA_D
ClientSampleId :

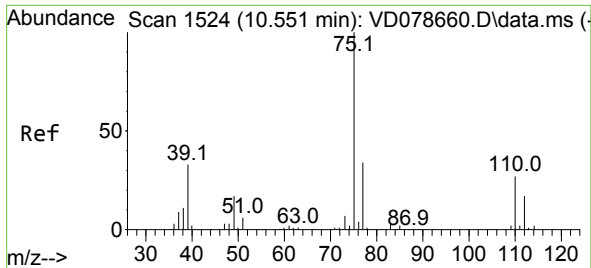
Tgt Ion: 43 Resp: 63593
Ion Ratio Lower Upper
43 100
58 43.6 36.4 54.6



#52
Toluene
Concen: 23.076 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078724.D
Acq: 21 Mar 2024 12:06

Tgt Ion: 92 Resp: 78209
Ion Ratio Lower Upper
92 100
91 171.3 136.6 205.0

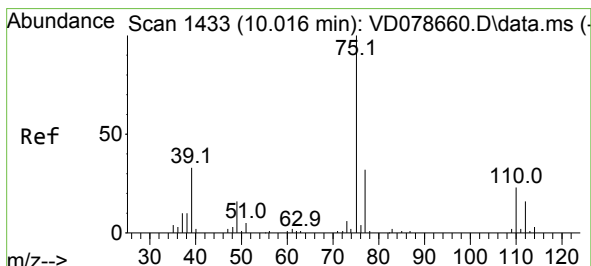
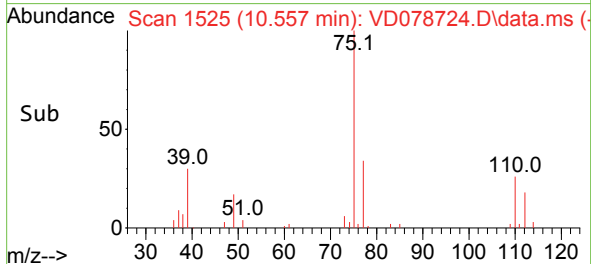
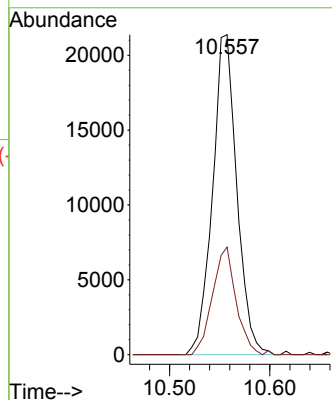
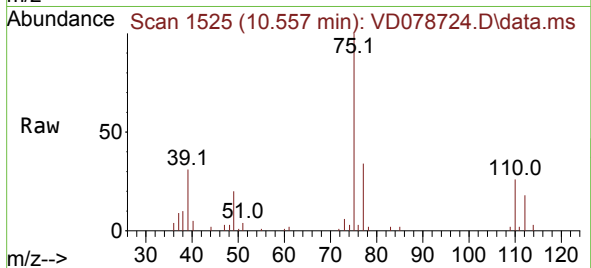




#53
 t-1,3-Dichloropropene
 Concen: 22.100 ug/l
 RT: 10.557 min Scan# 1524
 Delta R.T. 0.006 min
 Lab File: VD078724.D
 Acq: 21 Mar 2024 12:06

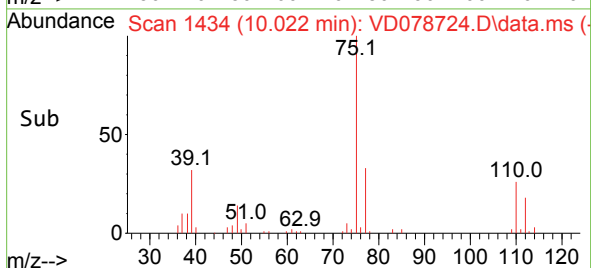
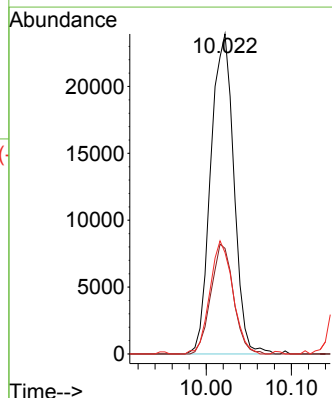
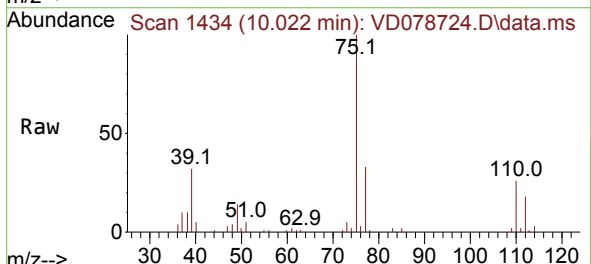
Instrument :
 MSVOA_D
 ClientSampleId :

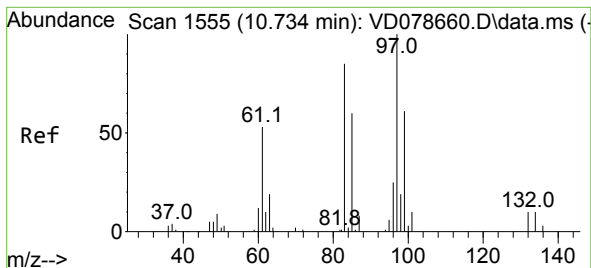
Tgt Ion: 75 Resp: 36010
 Ion Ratio Lower Upper
 75 100
 77 33.7 27.1 40.7



#54
 cis-1,3-Dichloropropene
 Concen: 22.977 ug/l
 RT: 10.022 min Scan# 1434
 Delta R.T. 0.006 min
 Lab File: VD078724.D
 Acq: 21 Mar 2024 12:06

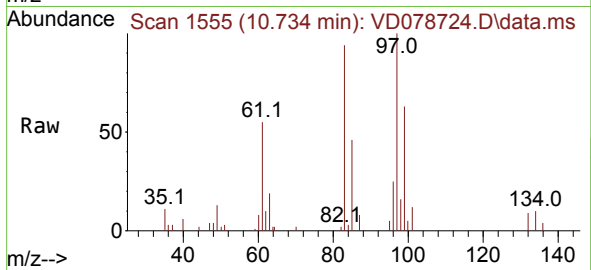
Tgt Ion: 75 Resp: 45006
 Ion Ratio Lower Upper
 75 100
 77 33.0 25.4 38.0
 39 31.7 26.7 40.1



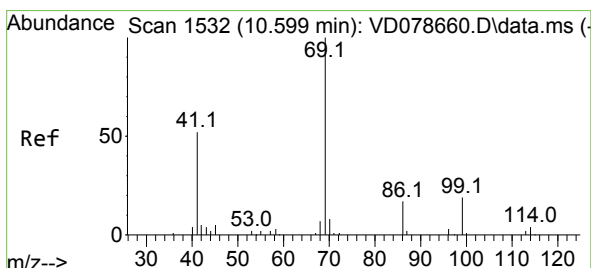
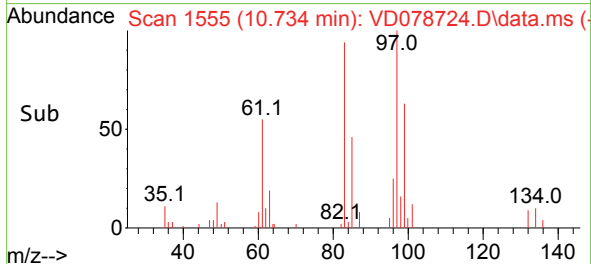
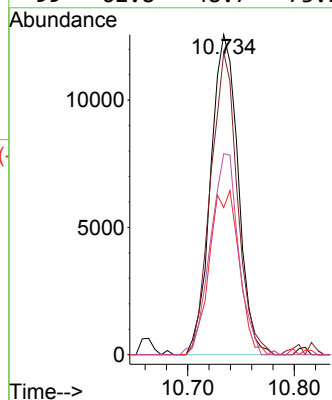


#55
1,1,2-Trichloroethane
Concen: 22.437 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD078724.D
Acq: 21 Mar 2024 12:06

Instrument :
MSVOA_D
ClientSampleId :

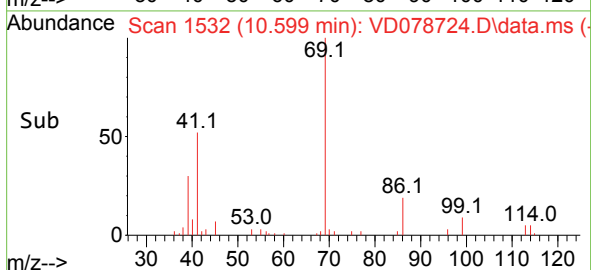
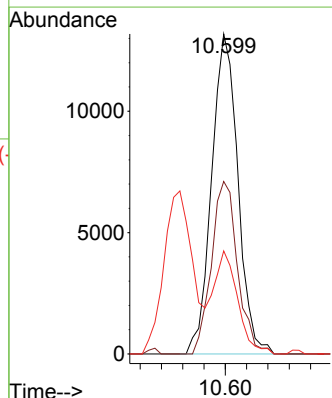
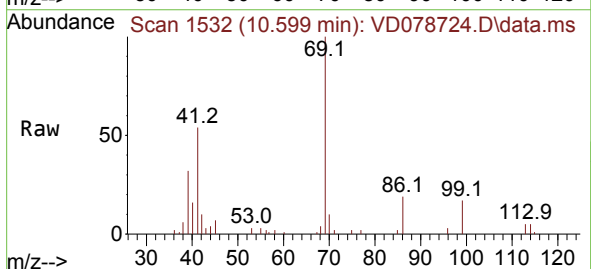


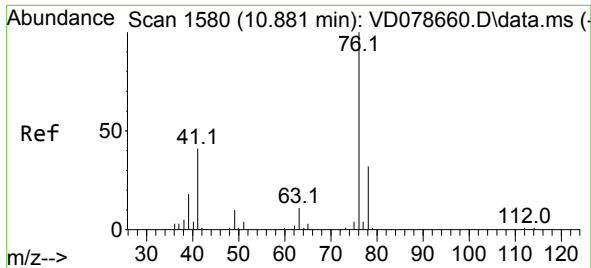
Tgt Ion:	97	Resp:	22492
Ion	Ratio	Lower	Upper
97	100		
83	94.5	68.1	102.1
85	46.0	48.2	72.2#
99	62.8	48.7	73.1



#56
Ethyl methacrylate
Concen: 22.452 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD078724.D
Acq: 21 Mar 2024 12:06

Tgt Ion:	69	Resp:	22563
Ion	Ratio	Lower	Upper
69	100		
41	53.7	40.9	61.3
39	29.5	25.5	38.3





#57

1,3-Dichloropropane

Concen: 23.000 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD078724.D

Acq: 21 Mar 2024 12:06

Instrument :

MSVOA_D

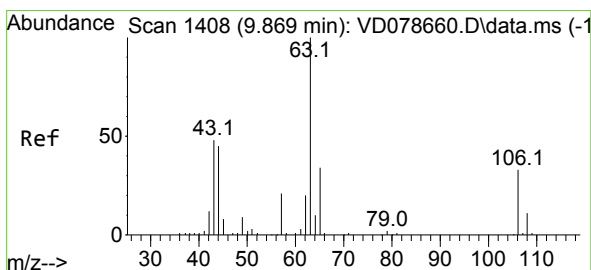
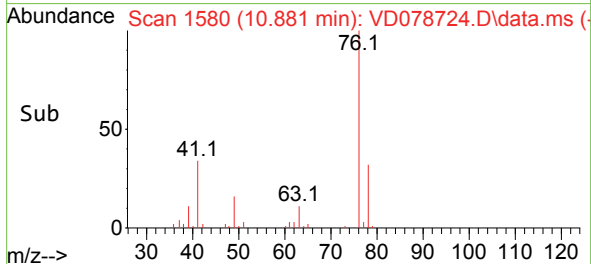
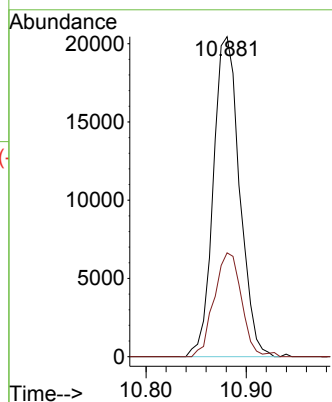
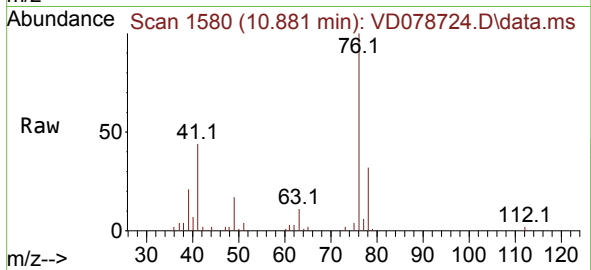
ClientSampleId :

Tgt Ion: 76 Resp: 37204

Ion Ratio Lower Upper

76 100

78 33.9 26.8 40.2



#58

2-Chloroethyl Vinyl ether

Concen: 108.839 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD078724.D

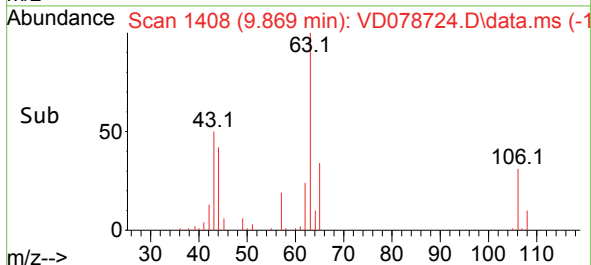
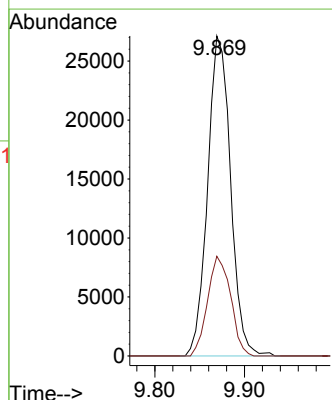
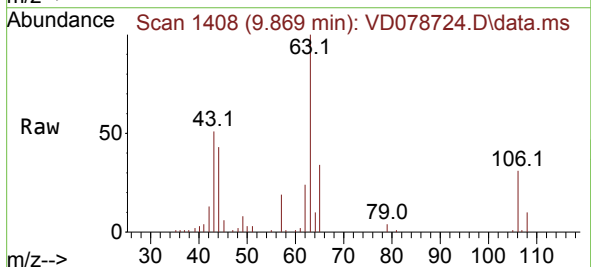
Acq: 21 Mar 2024 12:06

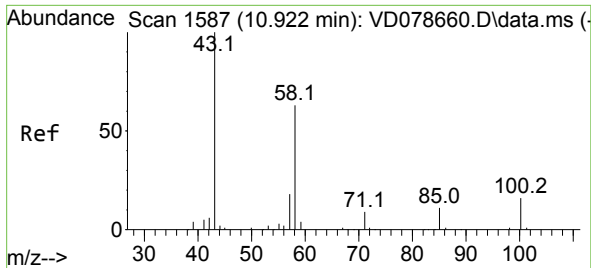
Tgt Ion: 63 Resp: 48229

Ion Ratio Lower Upper

63 100

106 31.2 25.2 37.8

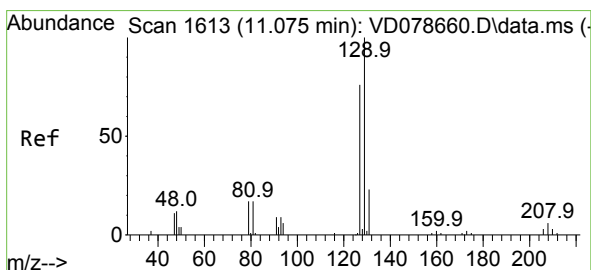
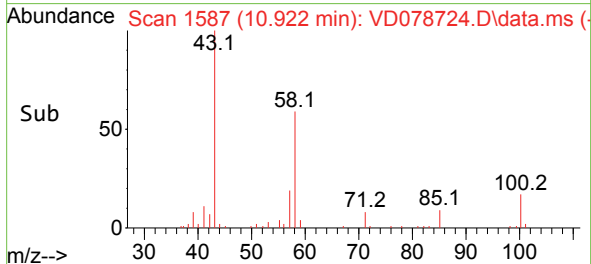
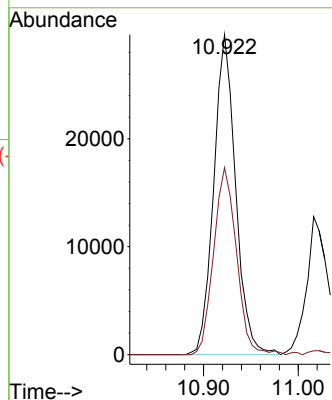
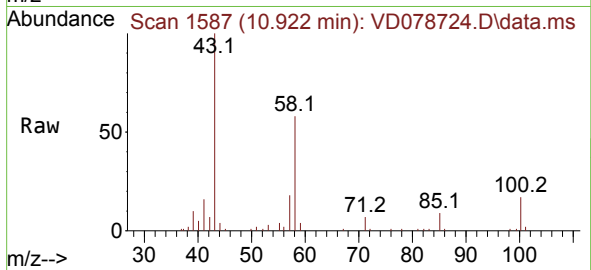




#59
2-Hexanone
Concen: 118.866 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078724.D
Acq: 21 Mar 2024 12:06

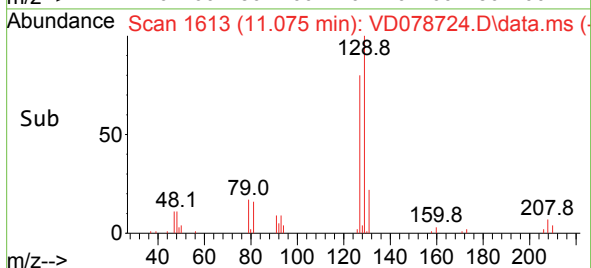
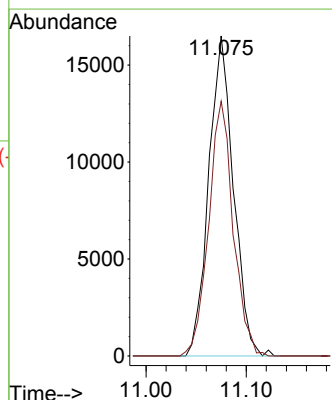
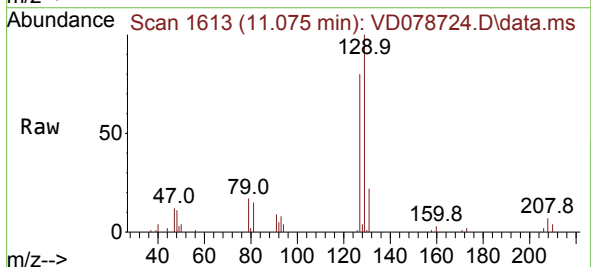
Instrument :
MSVOA_D
ClientSampleId :

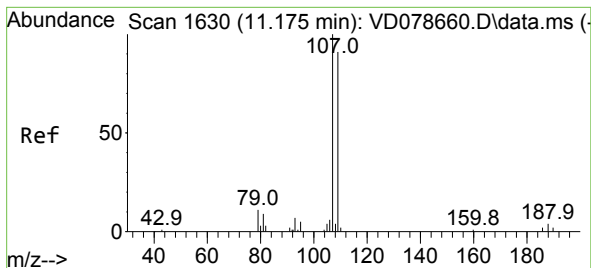
Tgt Ion: 43 Resp: 47663
Ion Ratio Lower Upper
43 100
58 61.0 31.5 94.5



#60
Dibromochloromethane
Concen: 22.880 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078724.D
Acq: 21 Mar 2024 12:06

Tgt Ion: 129 Resp: 28286
Ion Ratio Lower Upper
129 100
127 79.0 38.8 116.3

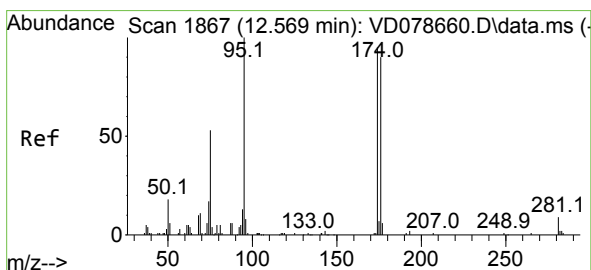
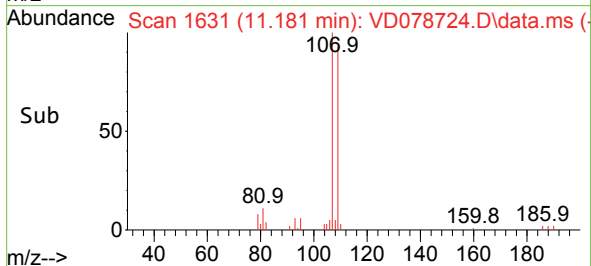
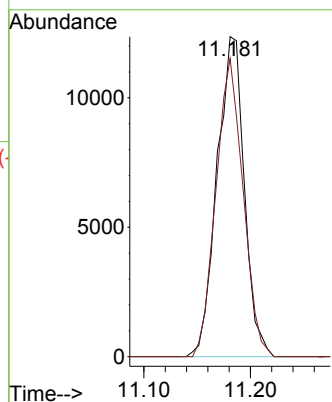
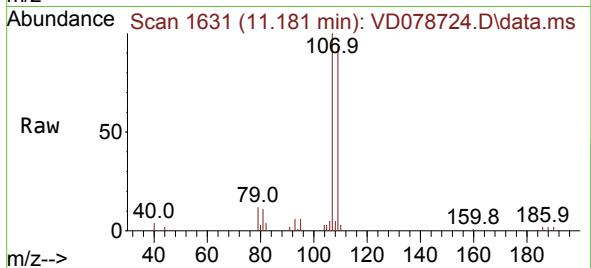




#61
1,2-Dibromoethane
Concen: 22.657 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.006 min
Lab File: VD078724.D
Acq: 21 Mar 2024 12:06

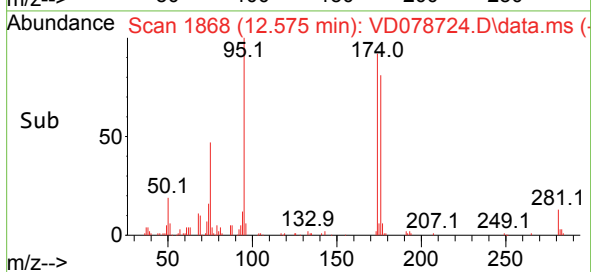
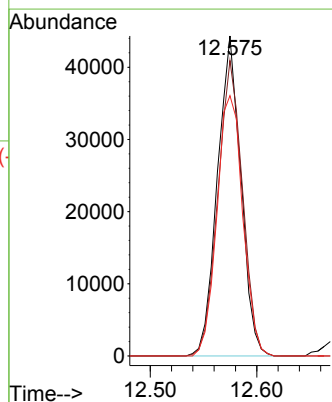
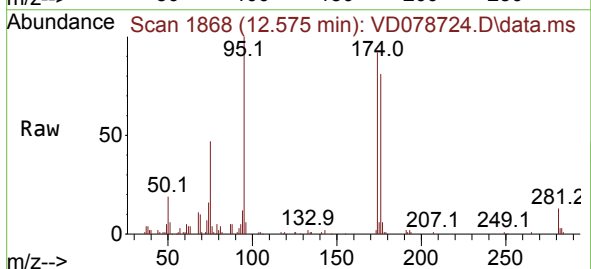
Instrument :
MSVOA_D
ClientSampleId :

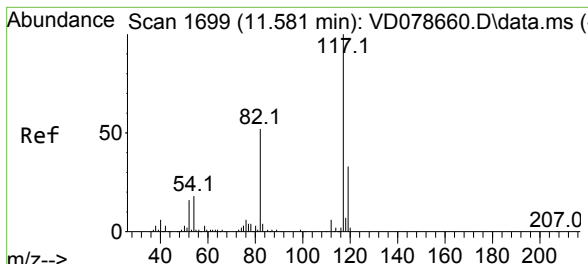
Tgt Ion:107 Resp: 21980
Ion Ratio Lower Upper
107 100
109 92.7 74.8 112.2



#62
4-Bromofluorobenzene
Concen: 52.384 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD078724.D
Acq: 21 Mar 2024 12:06

Tgt Ion: 95 Resp: 67648
Ion Ratio Lower Upper
95 100
174 96.7 0.0 195.2
176 90.0 0.0 188.2

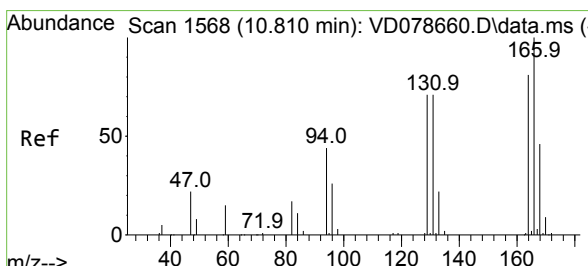
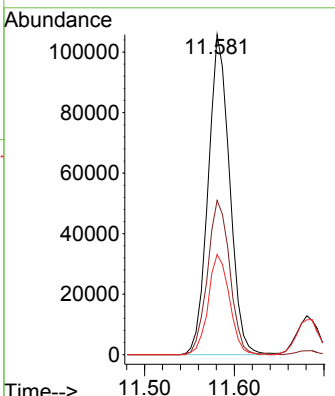
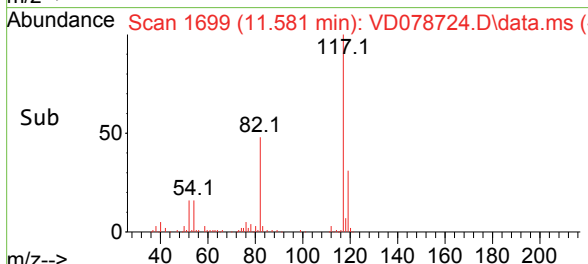
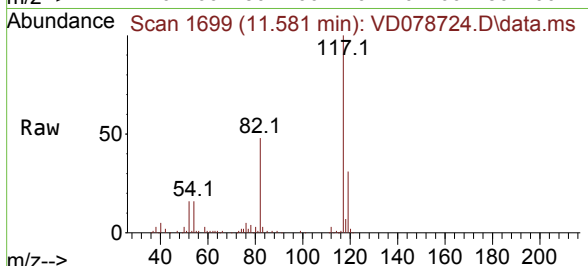




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD078724.D
Acq: 21 Mar 2024 12:06

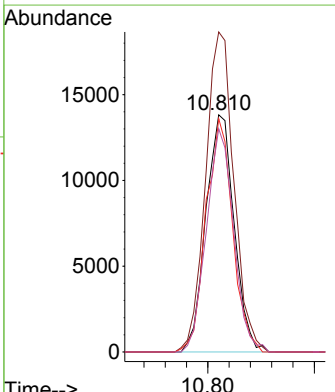
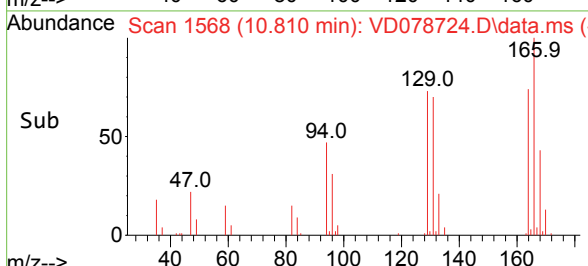
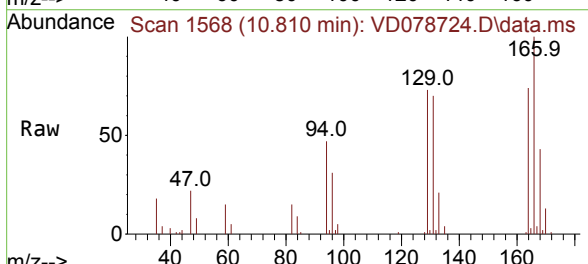
Instrument :
MSVOA_D
ClientSampleId :

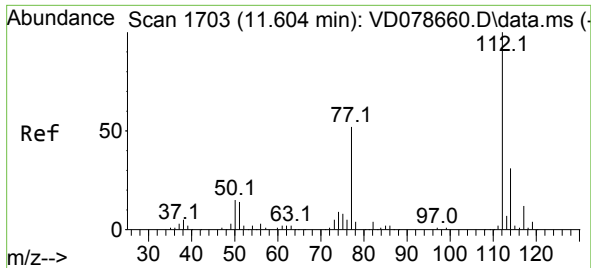
Tgt Ion:117	Resp: 175635
Ion Ratio	Lower Upper
117	100
82	48.2 41.4 62.2
119	31.3 26.5 39.7



#64
Tetrachloroethene
Concen: 21.899 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD078724.D
Acq: 21 Mar 2024 12:06

Tgt Ion:164	Resp: 25453
Ion Ratio	Lower Upper
164	100
166	135.0 98.9 148.3
129	98.4 70.3 105.5
131	94.1 70.6 106.0

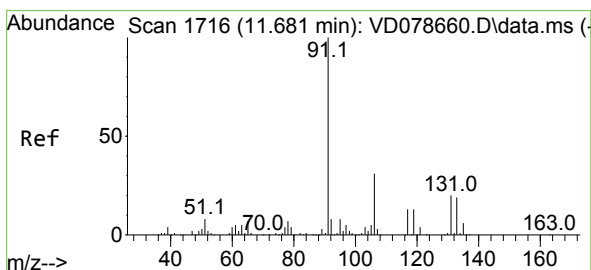
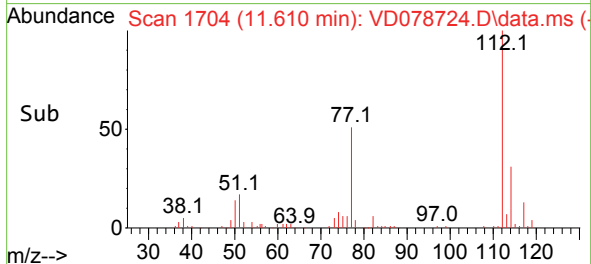
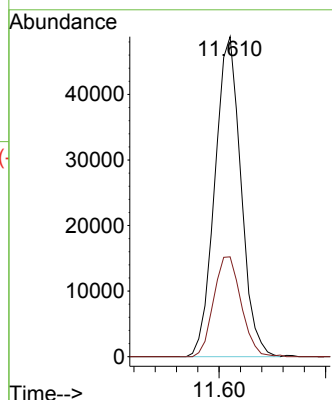
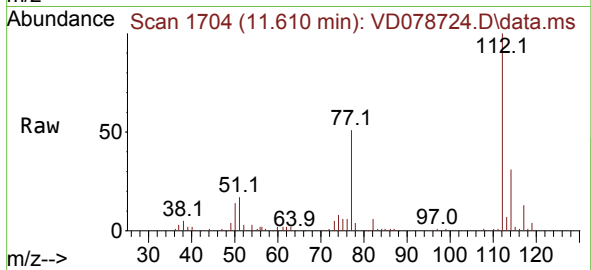




#65
Chlorobenzene
Concen: 22.614 ug/l
RT: 11.610 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD078724.D
Acq: 21 Mar 2024 12:06

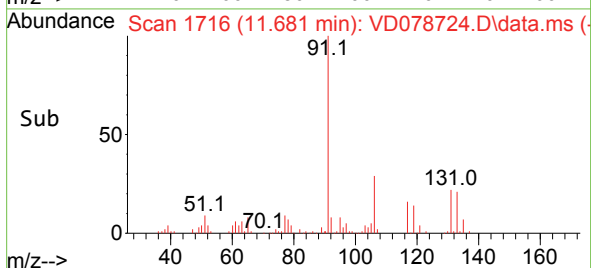
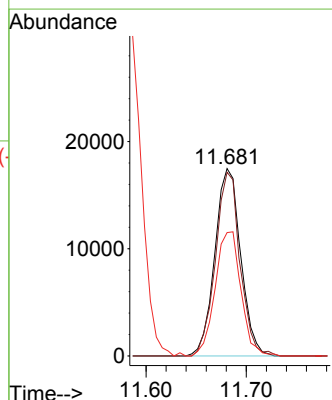
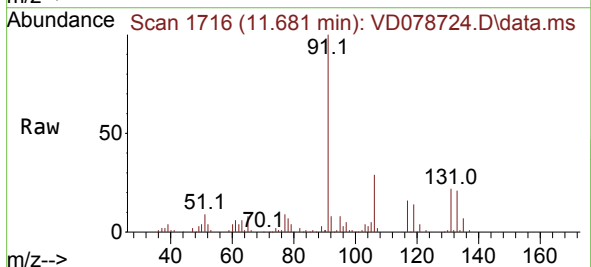
Instrument :
MSVOA_D
ClientSampleId :

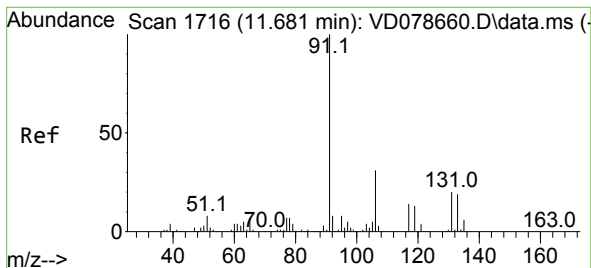
Tgt Ion:112 Resp: 82997
Ion Ratio Lower Upper
112 100
114 31.2 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 23.271 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078724.D
Acq: 21 Mar 2024 12:06

Tgt Ion:131 Resp: 31279
Ion Ratio Lower Upper
131 100
133 93.2 47.6 142.9
119 66.3 34.1 102.3





#67

Ethyl Benzene

Concen: 22.458 ug/l

RT: 11.687 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VD078724.D

Acq: 21 Mar 2024 12:06

Instrument :

MSVOA_D

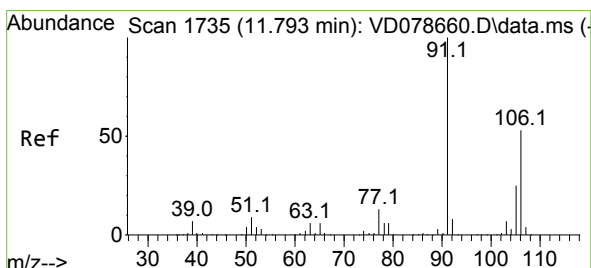
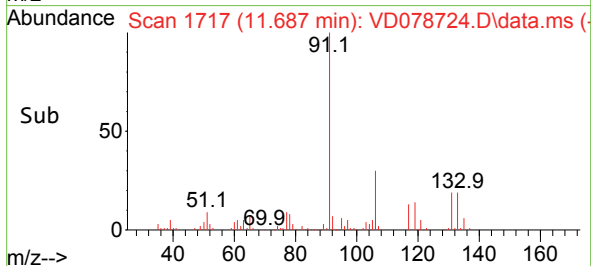
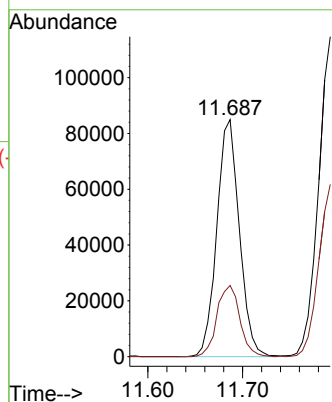
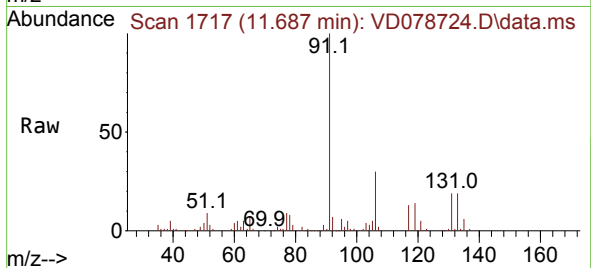
ClientSampleId :

Tgt Ion: 91 Resp: 140458

Ion Ratio Lower Upper

91 100

106 30.1 24.5 36.7



#68

m/p-Xylenes

Concen: 44.520 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD078724.D

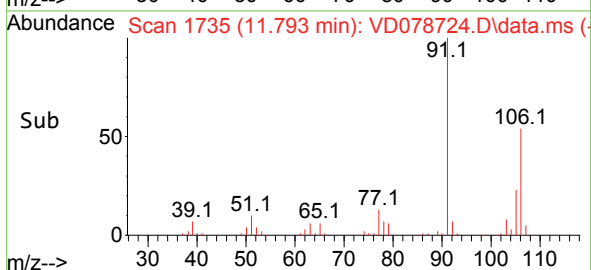
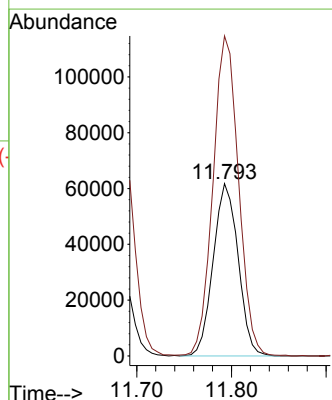
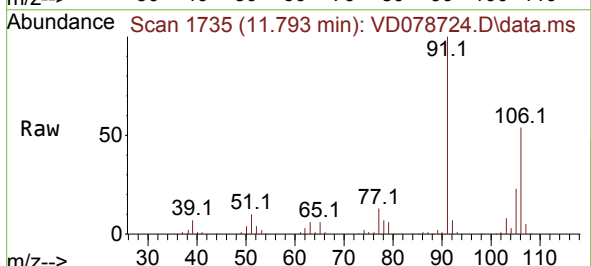
Acq: 21 Mar 2024 12:06

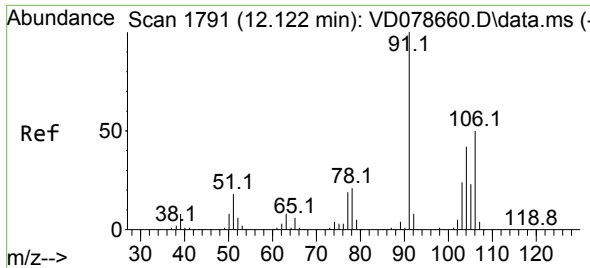
Tgt Ion:106 Resp: 113067

Ion Ratio Lower Upper

106 100

91 190.8 154.4 231.6

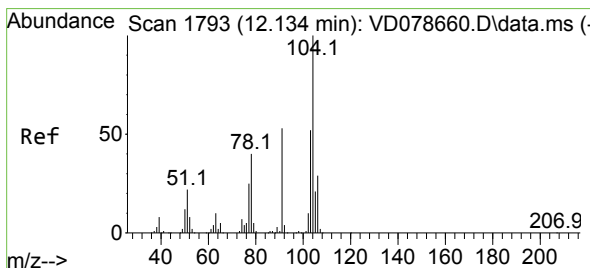
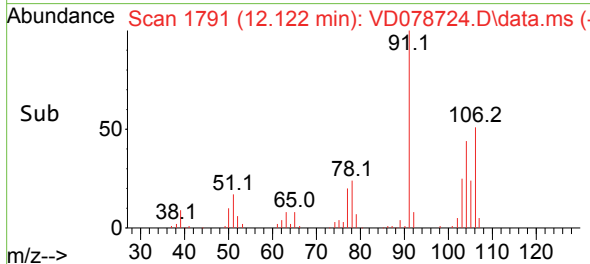
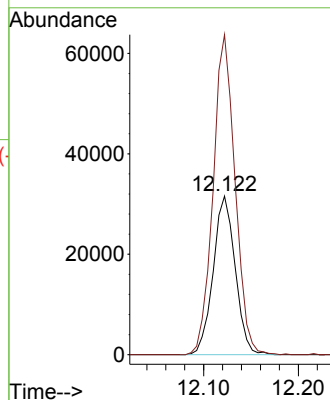
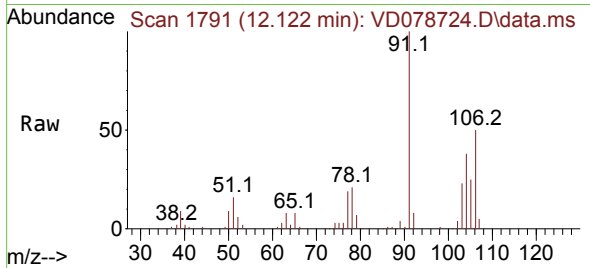




#69
o-Xylene
Concen: 21.705 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078724.D
Acq: 21 Mar 2024 12:06

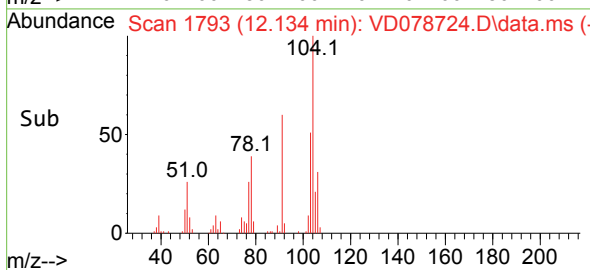
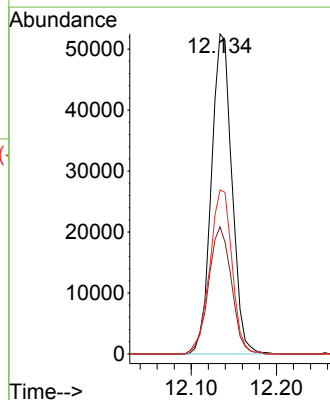
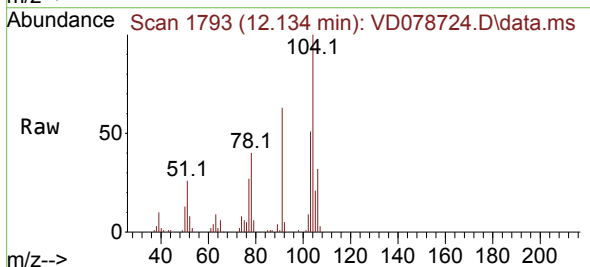
Instrument :
MSVOA_D
ClientSampleId :

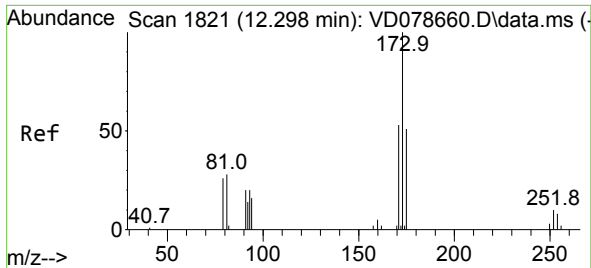
Tgt Ion:106 Resp: 51003
Ion Ratio Lower Upper
106 100
91 201.1 99.6 298.7



#70
Styrene
Concen: 22.293 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD078724.D
Acq: 21 Mar 2024 12:06

Tgt Ion:104 Resp: 87925
Ion Ratio Lower Upper
104 100
78 44.3 34.6 52.0
103 55.7 44.2 66.2

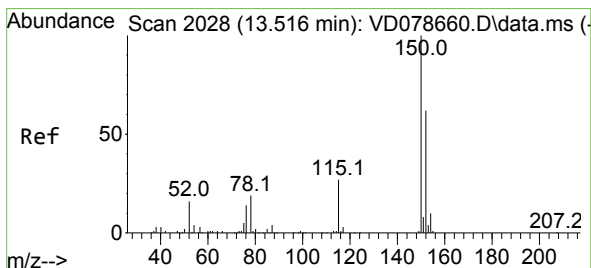
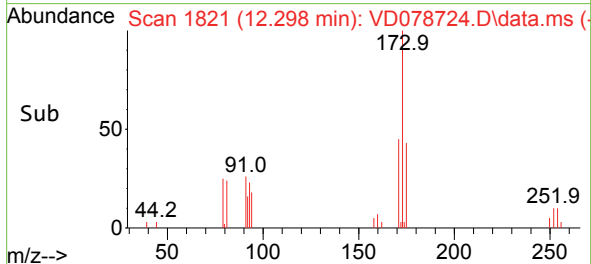
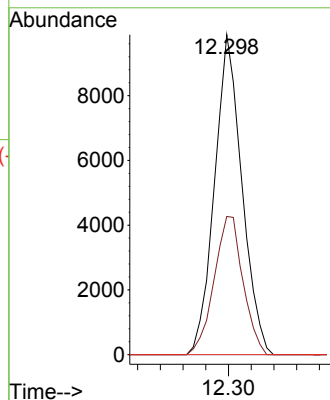
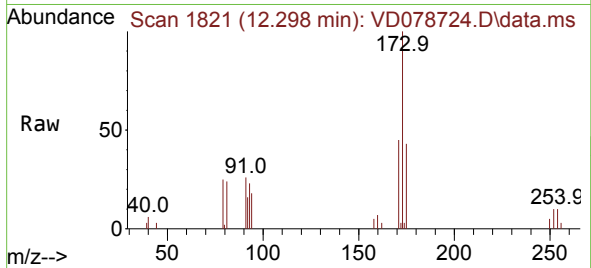




#71
Bromoform
Concen: 22.775 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD078724.D
Acq: 21 Mar 2024 12:06

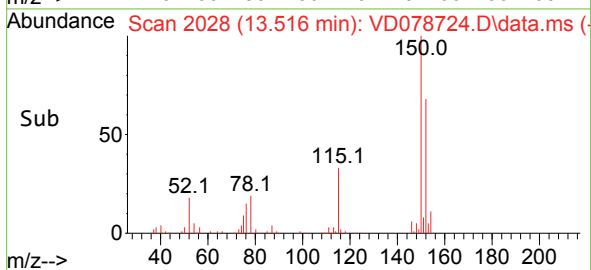
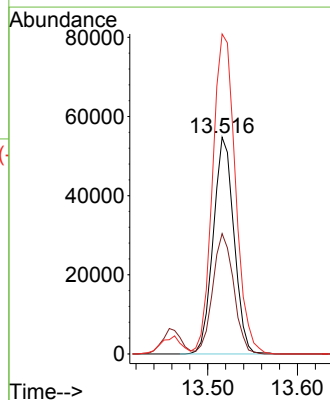
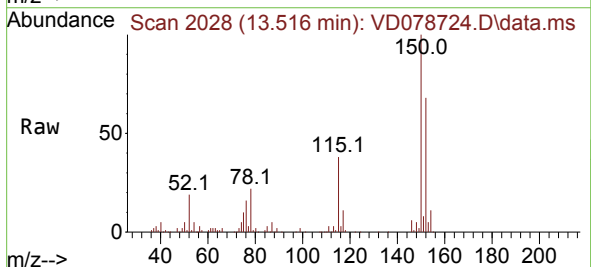
Instrument :
MSVOA_D
ClientSampleId :

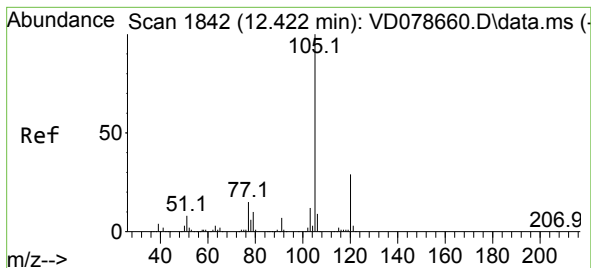
Tgt Ion:173 Resp: 16544
Ion Ratio Lower Upper
173 100
175 45.6 25.8 77.4
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD078724.D
Acq: 21 Mar 2024 12:06

Tgt Ion:152 Resp: 87840
Ion Ratio Lower Upper
152 100
115 56.0 27.1 81.2
150 162.6 0.0 350.2





#73

Isopropylbenzene

Concen: 22.733 ug/l

RT: 12.422 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078724.D

Acq: 21 Mar 2024 12:06

Instrument :

MSVOA_D

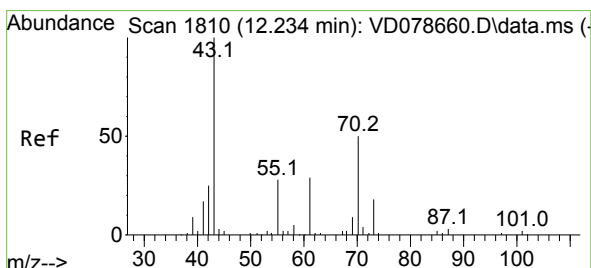
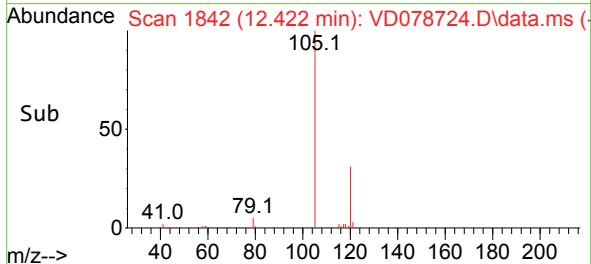
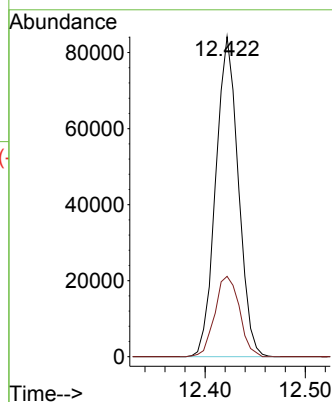
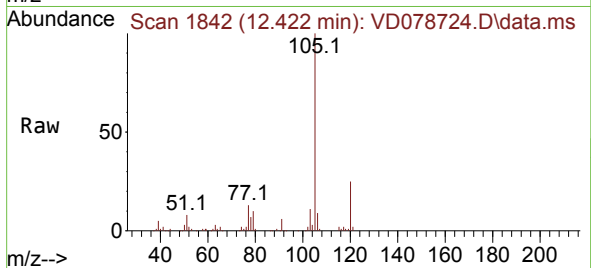
ClientSampleId :

Tgt Ion:105 Resp: 131476

Ion Ratio Lower Upper

105 100

120 27.4 13.7 41.0



#74

N-ethyl acetate

Concen: 25.288 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VD078724.D

Acq: 21 Mar 2024 12:06

Tgt Ion: 43 Resp: 23745

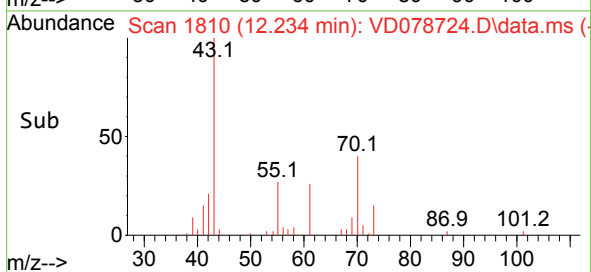
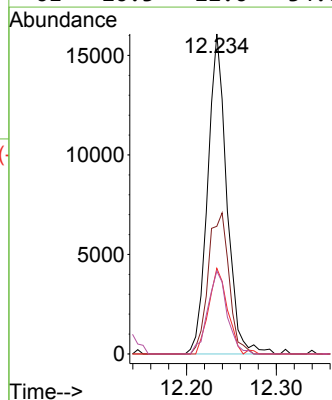
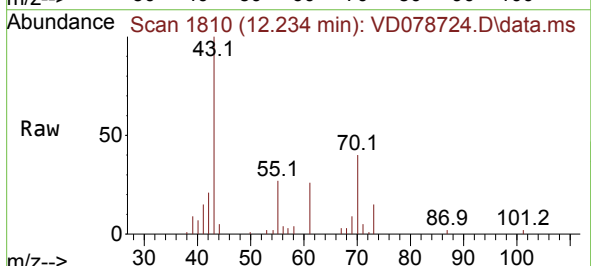
Ion Ratio Lower Upper

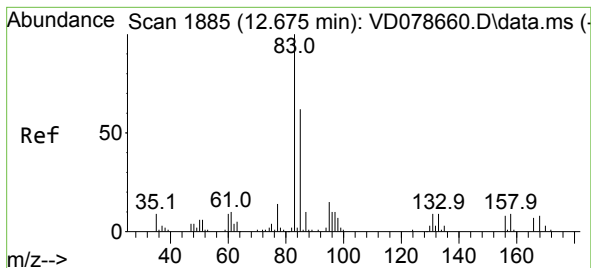
43 100

70 48.1 42.1 63.1

55 26.6 22.6 33.8

61 26.3 22.6 34.0

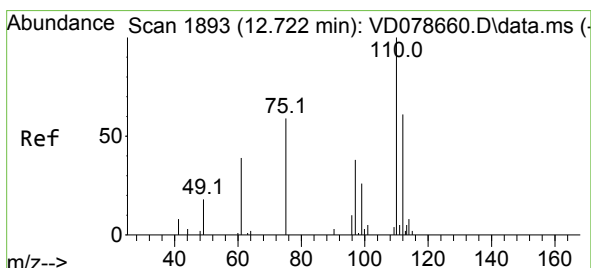
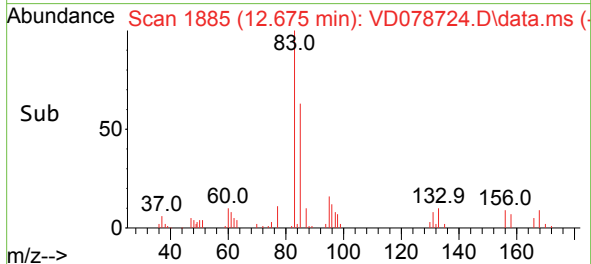
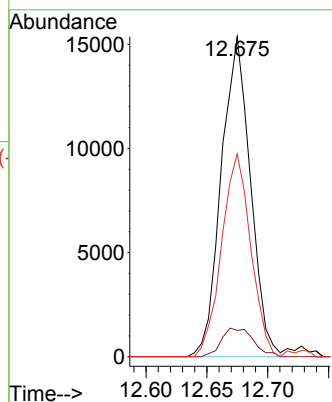
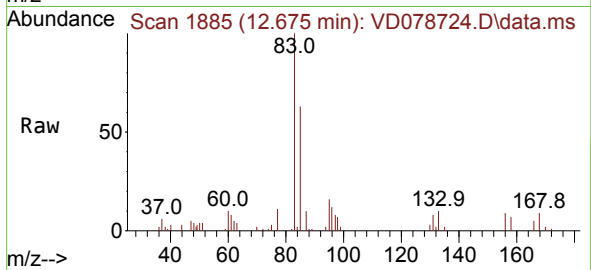




#75
1,1,2,2-Tetrachloroethane
Concen: 23.852 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD078724.D
Acq: 21 Mar 2024 12:06

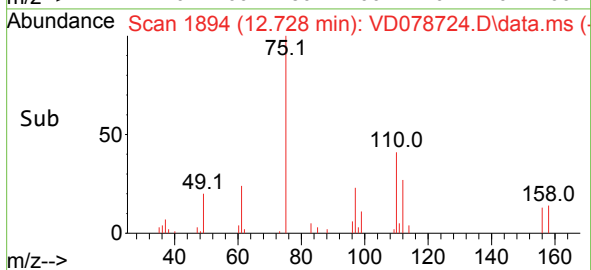
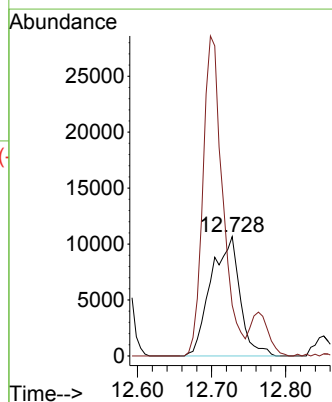
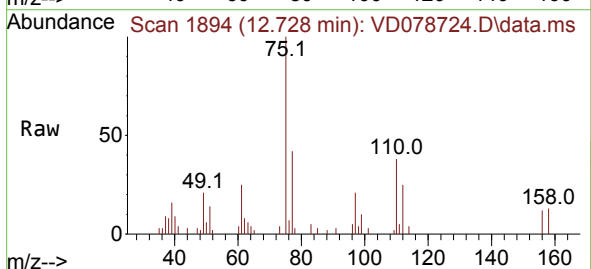
Instrument :
MSVOA_D
ClientSampleId :

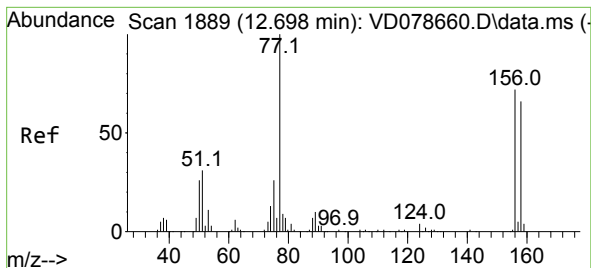
Tgt Ion:	83	Resp:	25536
Ion Ratio	Lower	Upper	
83	100		
131	9.8	4.9	14.7
85	63.3	32.2	96.6



#76
1,2,3-Trichloropropane
Concen: 42.909 ug/l
RT: 12.728 min Scan# 1894
Delta R.T. 0.006 min
Lab File: VD078724.D
Acq: 21 Mar 2024 12:06

Tgt Ion:	75	Resp:	29039
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 23.709 ug/l

RT: 12.698 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078724.D

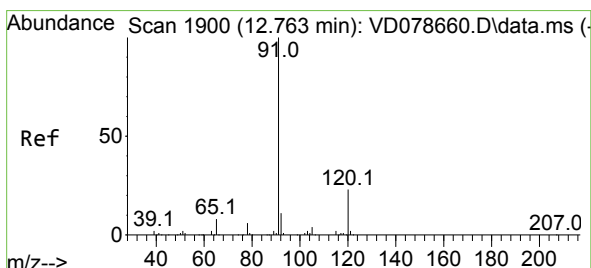
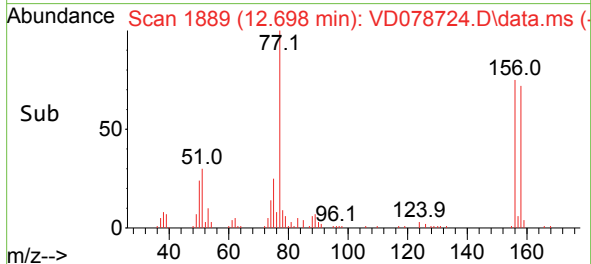
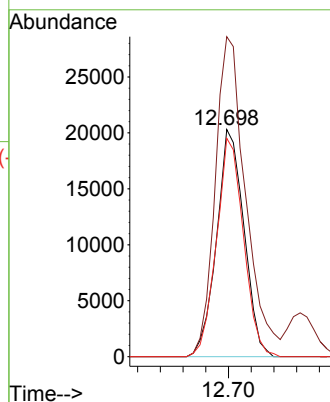
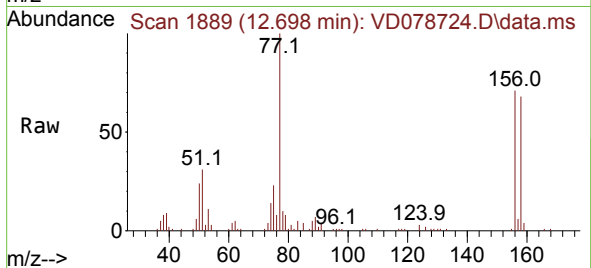
Acq: 21 Mar 2024 12:06

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	156	Resp:	34005
Ion Ratio	Lower	Upper	
156	100		
77	156.7	79.1	237.3
158	95.0	47.0	141.0



#78

n-propylbenzene

Concen: 23.530 ug/l

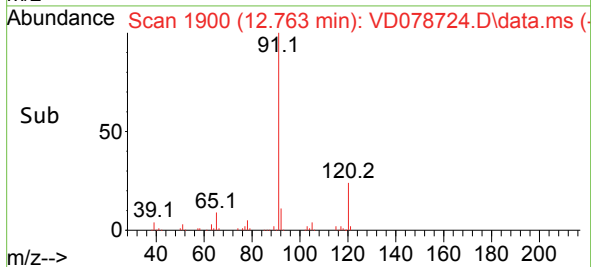
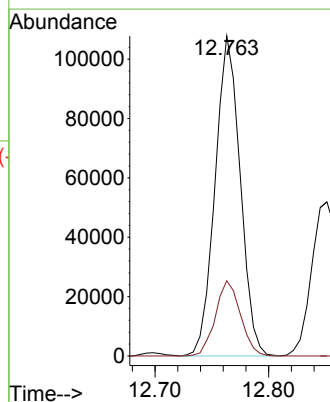
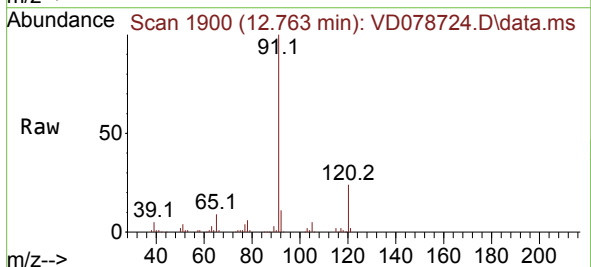
RT: 12.763 min Scan# 1900

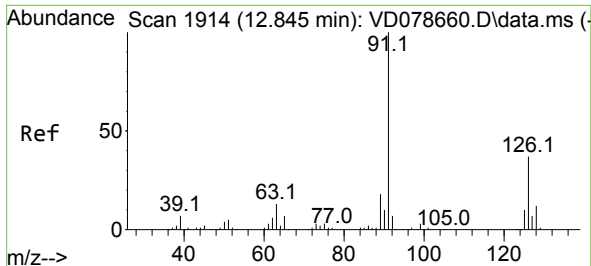
Delta R.T. 0.000 min

Lab File: VD078724.D

Acq: 21 Mar 2024 12:06

Tgt Ion:	91	Resp:	165643
Ion Ratio	Lower	Upper	
91	100		
120	23.4	11.7	35.1

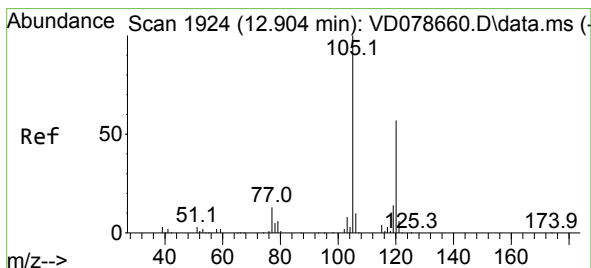
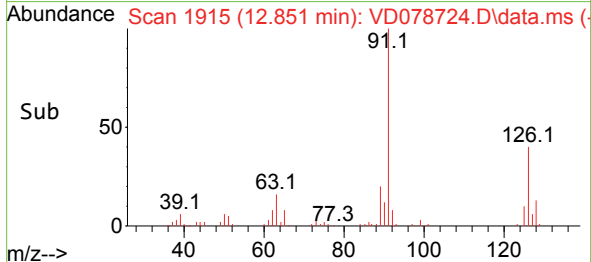
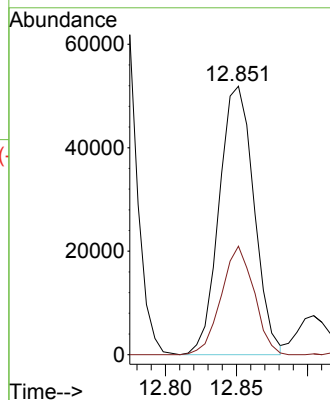
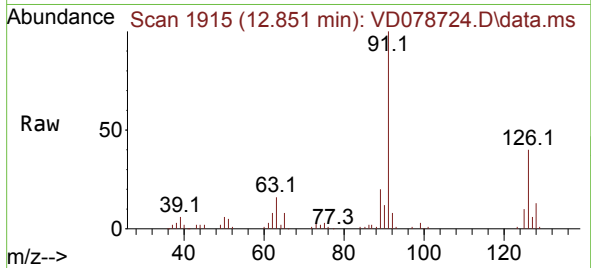




#79
2-Chlorotoluene
Concen: 22.978 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VD078724.D
Acq: 21 Mar 2024 12:06

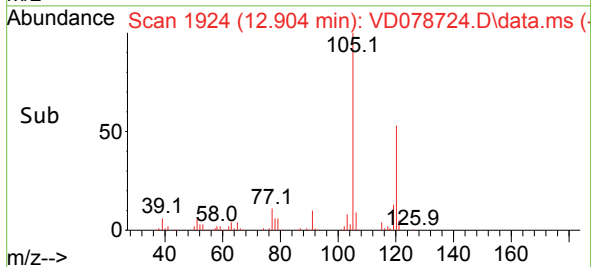
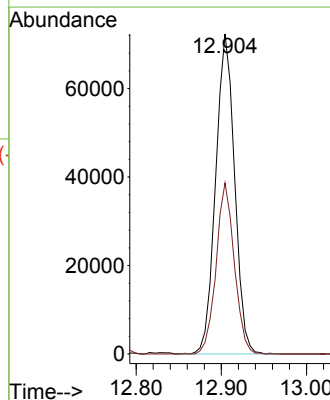
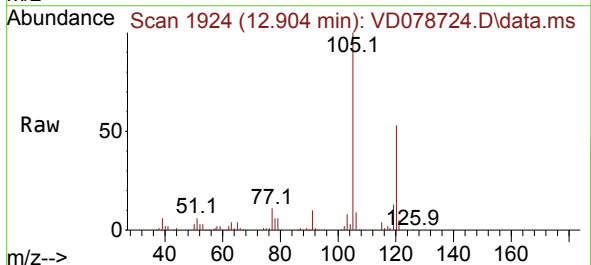
Instrument :
MSVOA_D
ClientSampleId :

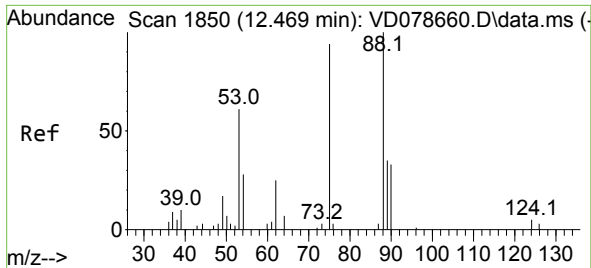
Tgt Ion: 91 Resp: 88738
Ion Ratio Lower Upper
91 100
126 38.0 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 23.332 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD078724.D
Acq: 21 Mar 2024 12:06

Tgt Ion: 105 Resp: 111586
Ion Ratio Lower Upper
105 100
120 51.3 25.9 77.7

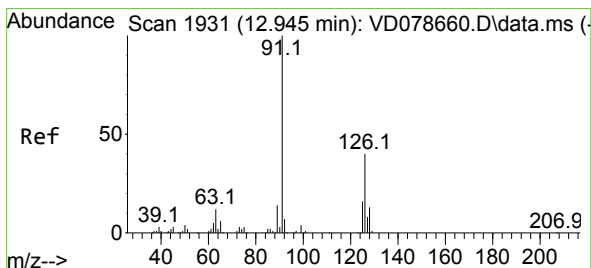
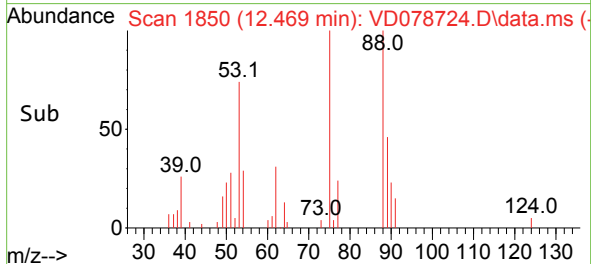
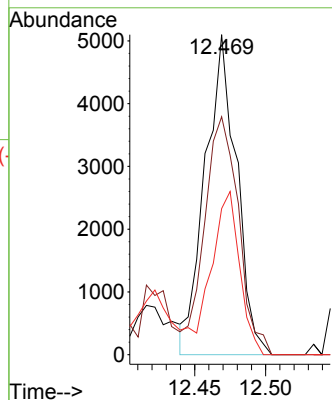
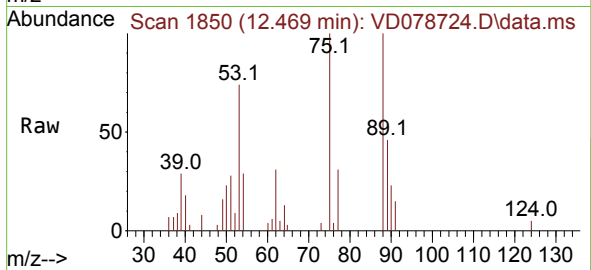




#81
trans-1,4-Dichloro-2-butene
Concen: 24.141 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078724.D
Acq: 21 Mar 2024 12:06

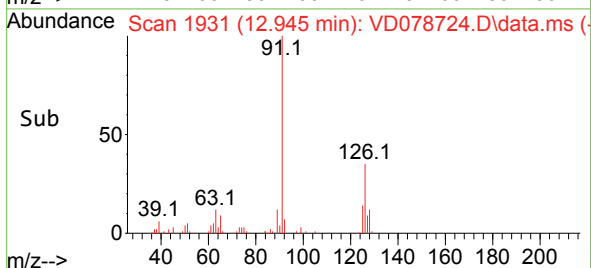
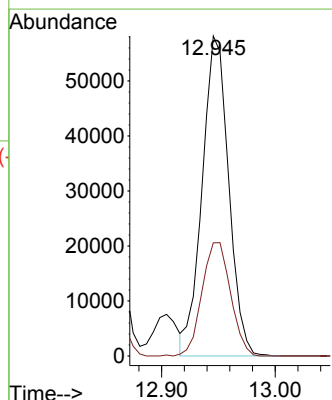
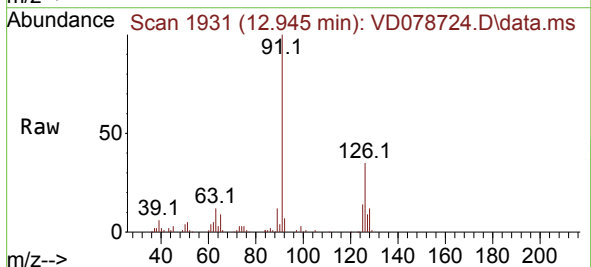
Instrument :
MSVOA_D
ClientSampleId :

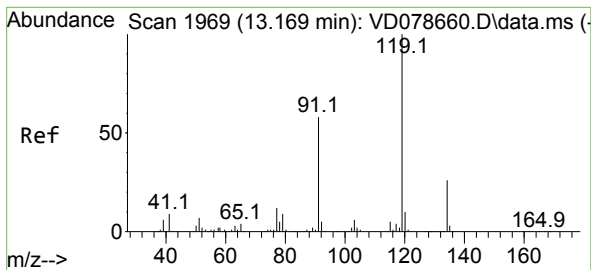
Tgt Ion: 75 Resp: 7794
Ion Ratio Lower Upper
75 100
53 81.1 61.0 91.6
89 48.0 35.4 53.0



#82
4-Chlorotoluene
Concen: 23.037 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078724.D
Acq: 21 Mar 2024 12:06

Tgt Ion: 91 Resp: 94101
Ion Ratio Lower Upper
91 100
126 38.2 18.9 56.5

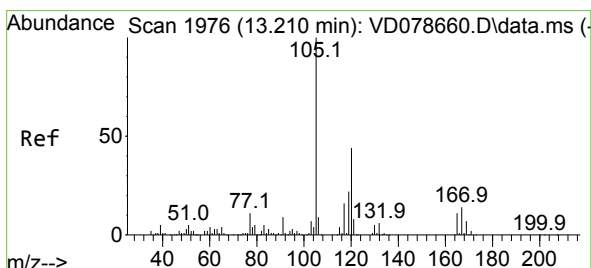
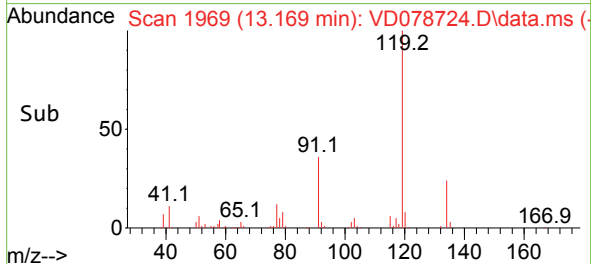
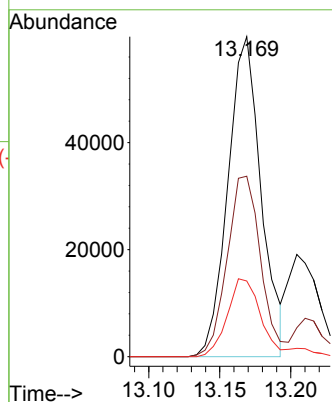
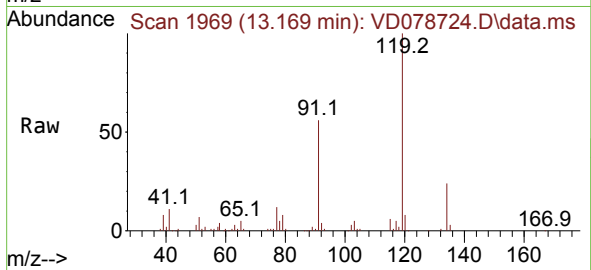




#83
tert-Butylbenzene
Concen: 23.608 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD078724.D
Acq: 21 Mar 2024 12:06

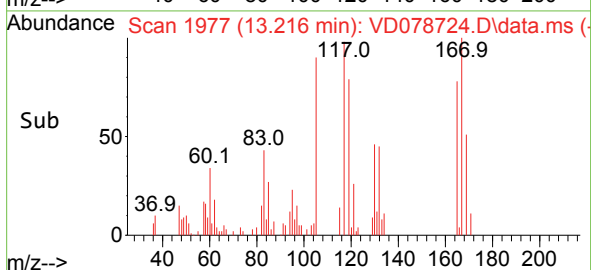
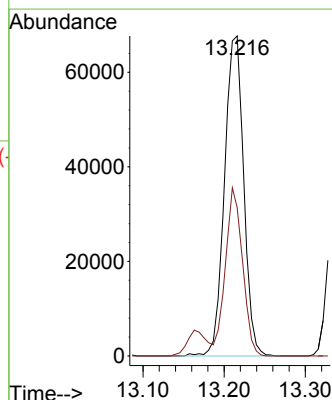
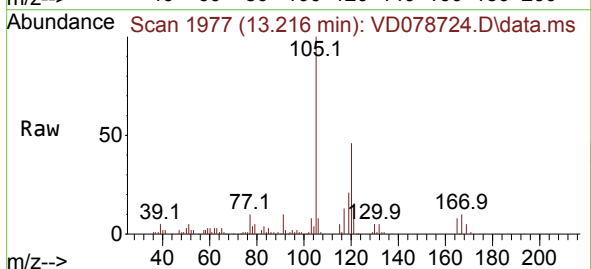
Instrument :
MSVOA_D
ClientSampleId :

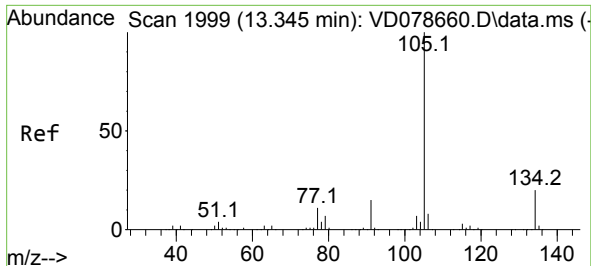
Tgt Ion:119 Resp: 97353
Ion Ratio Lower Upper
119 100
91 57.7 28.9 86.7
134 24.6 13.6 40.8



#84
1,2,4-Trimethylbenzene
Concen: 23.110 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. 0.006 min
Lab File: VD078724.D
Acq: 21 Mar 2024 12:06

Tgt Ion:105 Resp: 111383
Ion Ratio Lower Upper
105 100
120 46.7 23.1 69.2

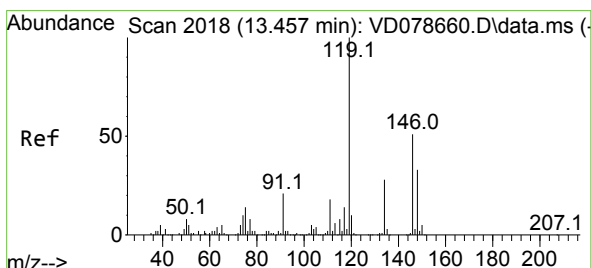
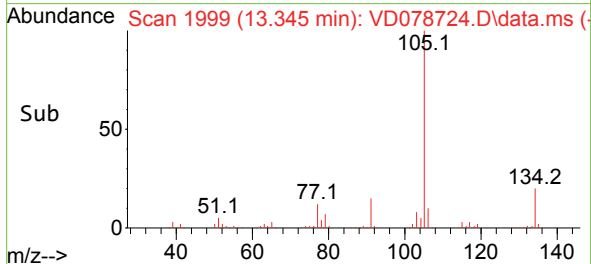
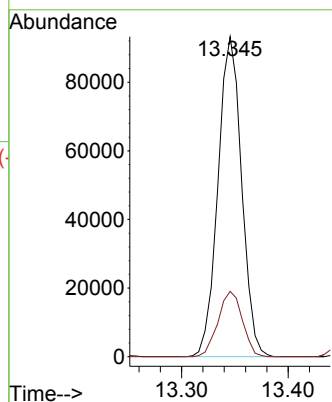
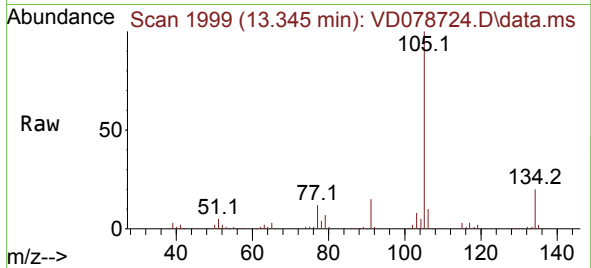




#85
 sec-Butylbenzene
 Concen: 23.005 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD078724.D
 Acq: 21 Mar 2024 12:06

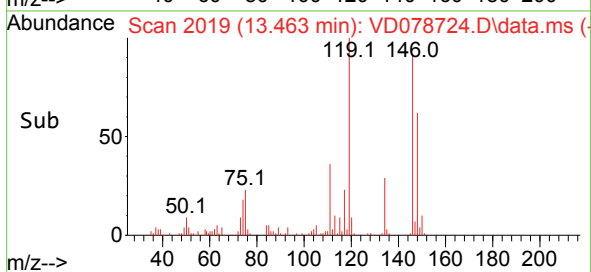
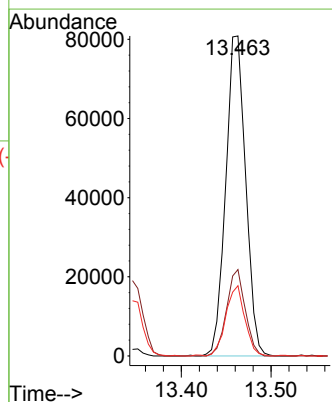
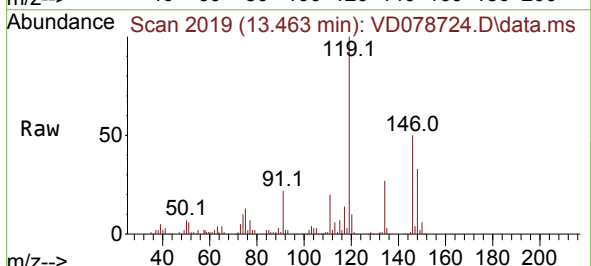
Instrument :
 MSVOA_D
 ClientSampleId :

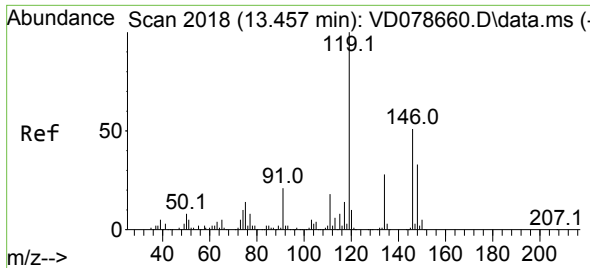
Tgt Ion:105 Resp: 143568
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 23.364 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.006 min
 Lab File: VD078724.D
 Acq: 21 Mar 2024 12:06

Tgt Ion:119 Resp: 124818
 Ion Ratio Lower Upper
 119 100
 134 25.2 13.5 40.5
 91 21.1 10.4 31.2

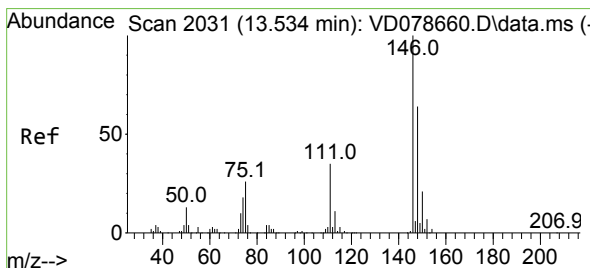
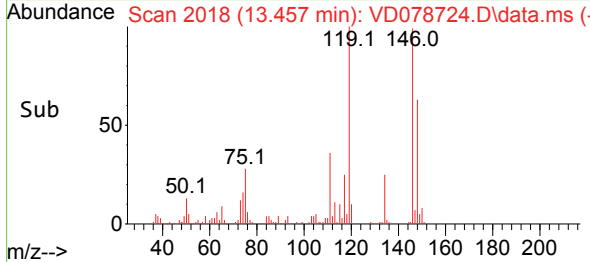
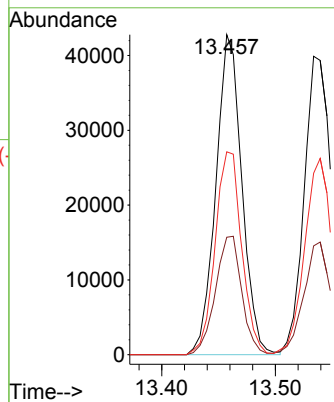
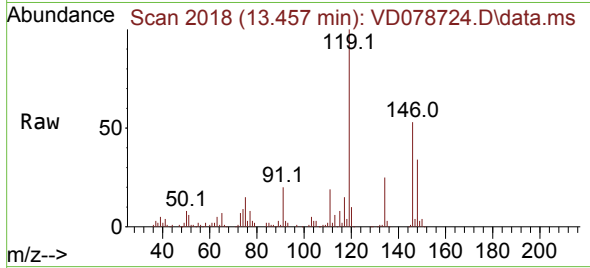




#87
 1,3-Dichlorobenzene
 Concen: 22.514 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD078724.D
 Acq: 21 Mar 2024 12:06

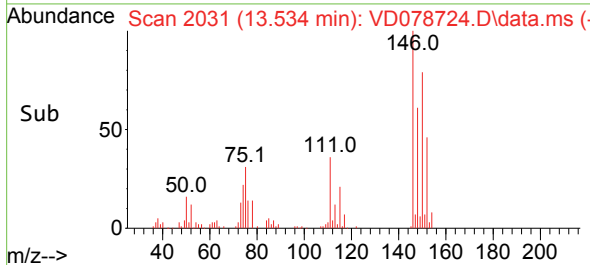
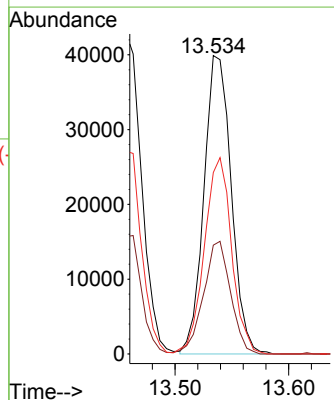
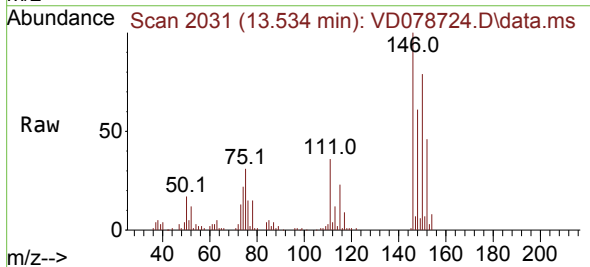
Instrument :
 MSVOA_D
 ClientSampleId :

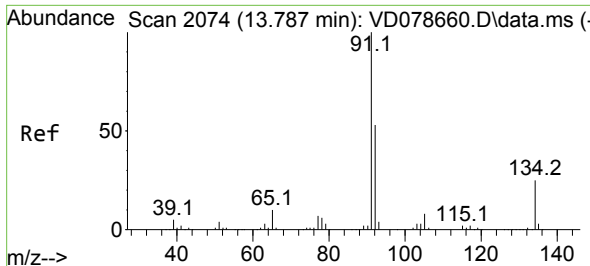
Tgt Ion:146 Resp: 68144
 Ion Ratio Lower Upper
 146 100
 111 37.4 18.2 54.6
 148 64.8 31.1 93.5



#88
 1,4-Dichlorobenzene
 Concen: 22.366 ug/l
 RT: 13.534 min Scan# 2031
 Delta R.T. 0.000 min
 Lab File: VD078724.D
 Acq: 21 Mar 2024 12:06

Tgt Ion:146 Resp: 66715
 Ion Ratio Lower Upper
 146 100
 111 37.5 17.8 53.3
 148 65.7 32.4 97.0

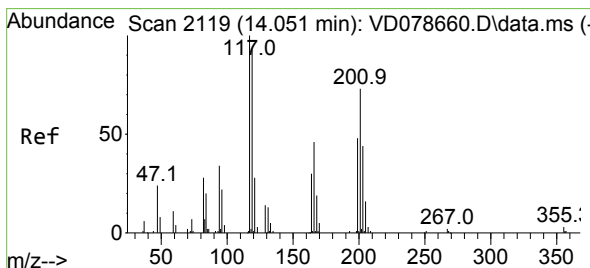
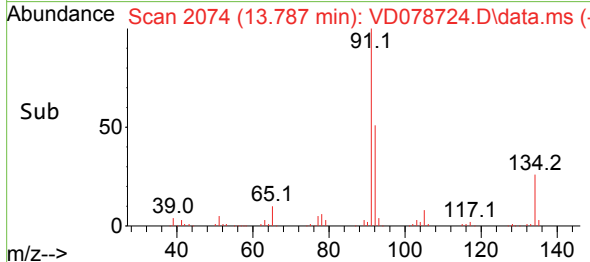
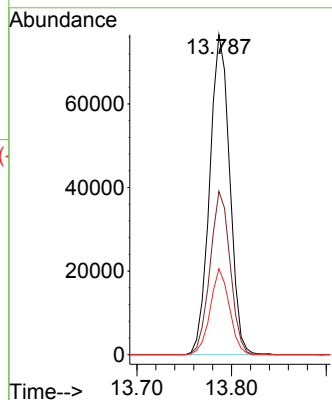
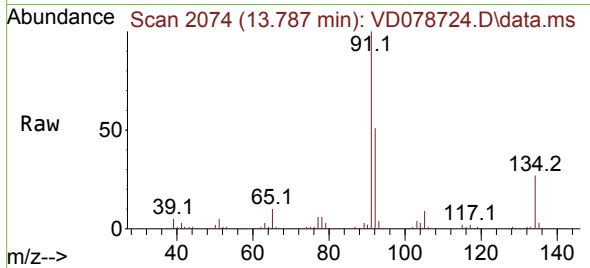




#89
n-Butylbenzene
Concen: 23.325 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD078724.D
Acq: 21 Mar 2024 12:06

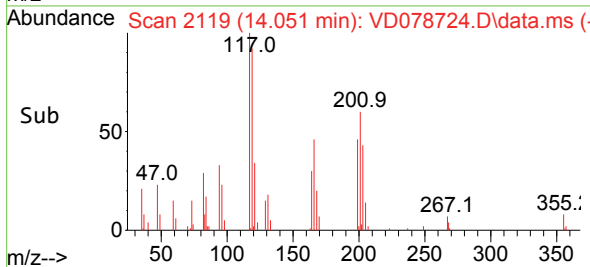
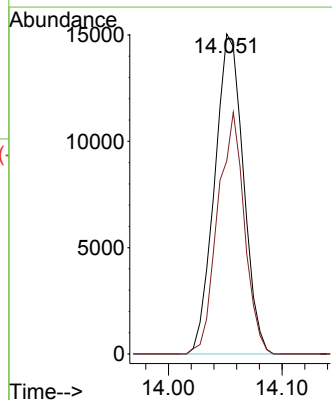
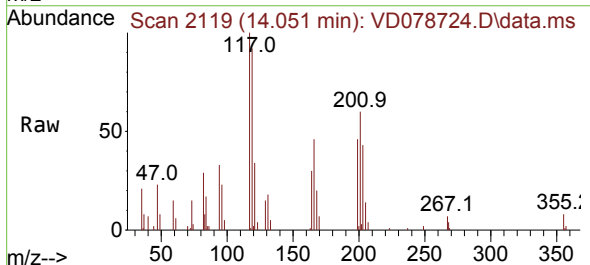
Instrument :
MSVOA_D
ClientSampleId :

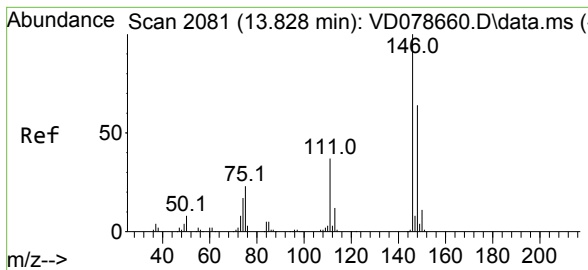
Tgt Ion: 91 Resp: 112538
Ion Ratio Lower Upper
91 100
92 51.3 26.4 79.0
134 25.7 13.0 38.9



#90
Hexachloroethane
Concen: 23.972 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VD078724.D
Acq: 21 Mar 2024 12:06

Tgt Ion: 117 Resp: 26500
Ion Ratio Lower Upper
117 100
201 70.1 36.2 108.6





#91

1,2-Dichlorobenzene

Concen: 22.808 ug/l

RT: 13.834 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VD078724.D

Acq: 21 Mar 2024 12:06

Instrument :

MSVOA_D

ClientSampleId :

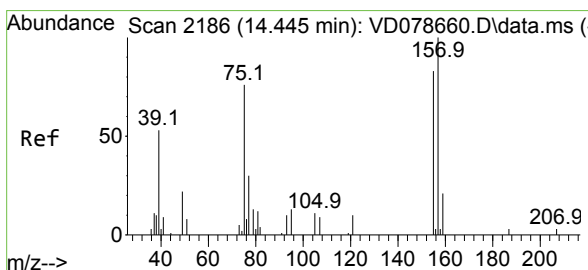
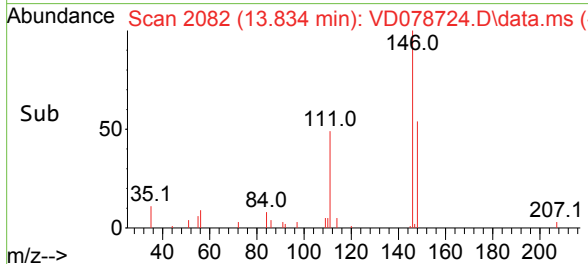
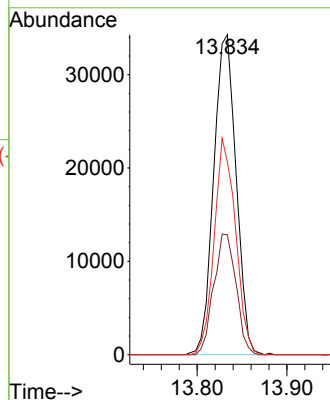
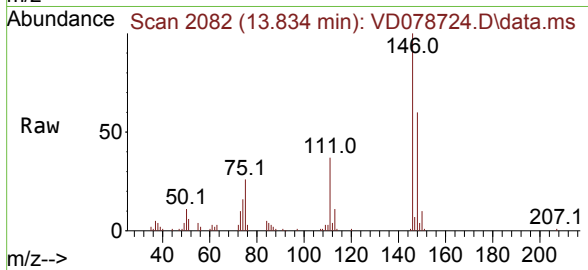
Tgt Ion:146 Resp: 59455

Ion Ratio Lower Upper

146 100

111 37.5 18.6 56.0

148 64.5 32.1 96.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 22.567 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. 0.000 min

Lab File: VD078724.D

Acq: 21 Mar 2024 12:06

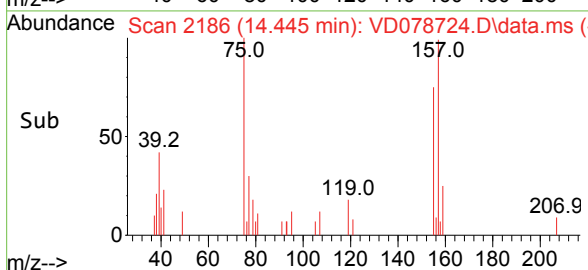
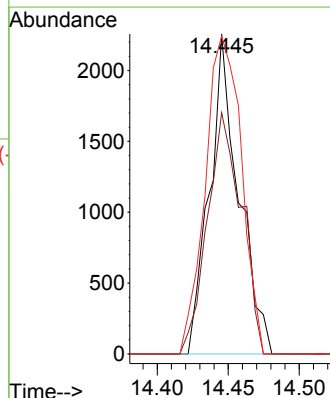
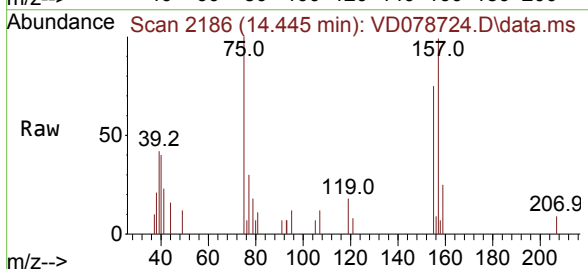
Tgt Ion: 75 Resp: 3232

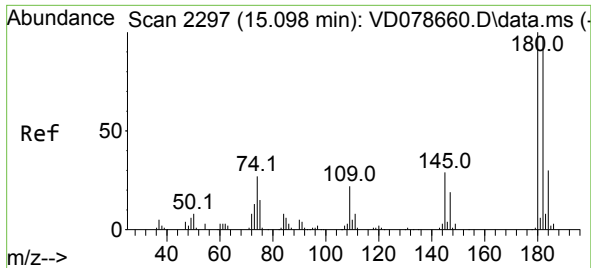
Ion Ratio Lower Upper

75 100

155 88.2 49.8 149.3

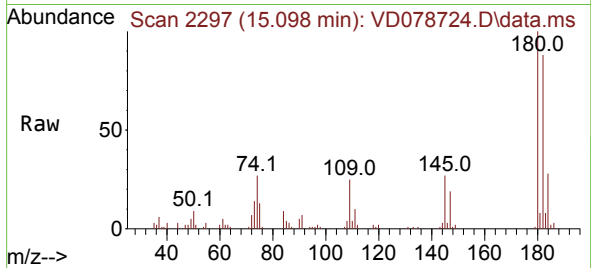
157 123.2 65.5 196.3



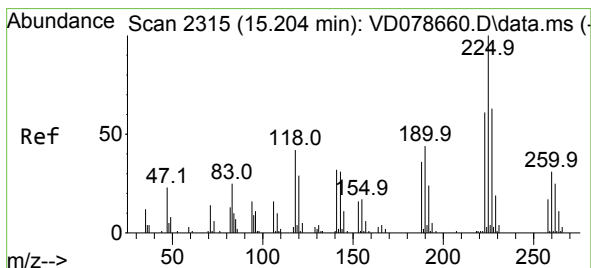
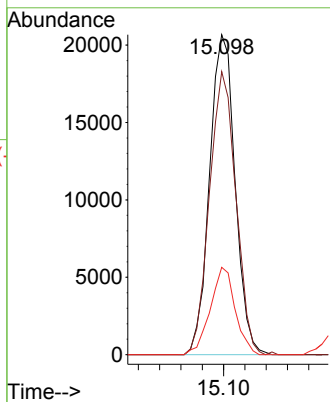
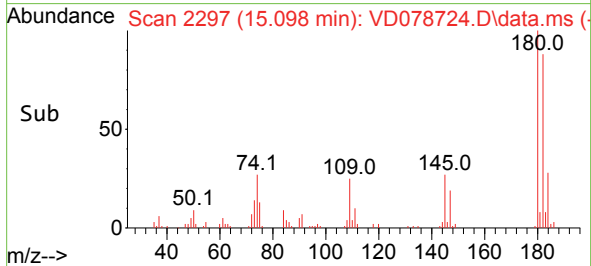


#93
1,2,4-Trichlorobenzene
Concen: 22.591 ug/l
RT: 15.098 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD078724.D
Acq: 21 Mar 2024 12:06

Instrument :
MSVOA_D
ClientSampleId :

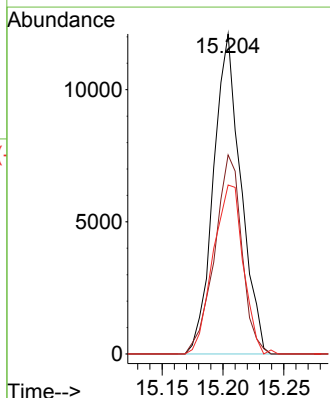
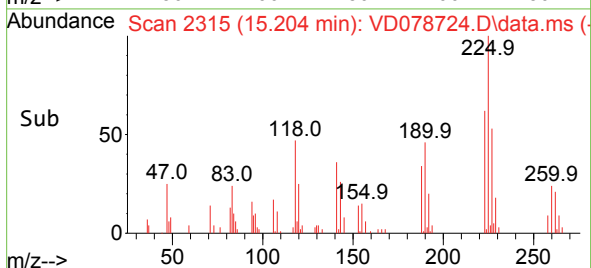
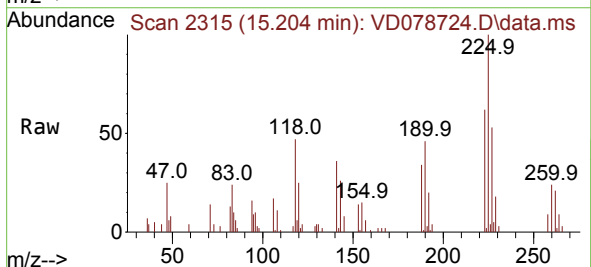


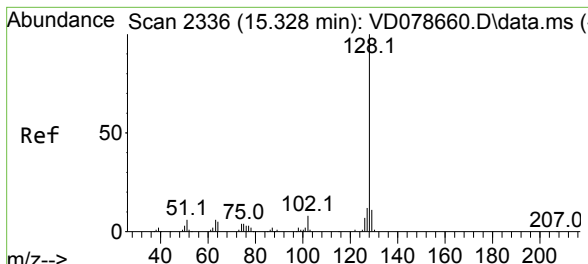
Tgt Ion:180 Resp: 34369
Ion Ratio Lower Upper
180 100
182 91.5 49.7 149.1
145 26.6 14.6 44.0



#94
Hexachlorobutadiene
Concen: 22.997 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. 0.000 min
Lab File: VD078724.D
Acq: 21 Mar 2024 12:06

Tgt Ion:225 Resp: 18941
Ion Ratio Lower Upper
225 100
223 61.8 31.9 95.7
227 58.1 32.0 96.0

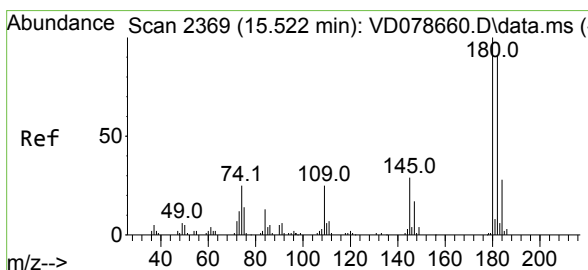
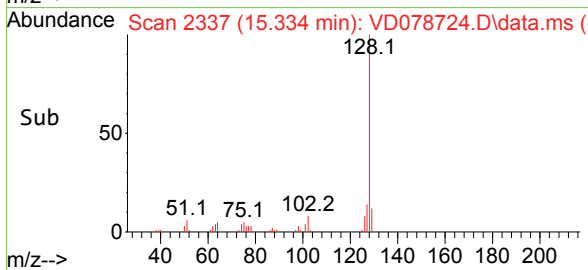
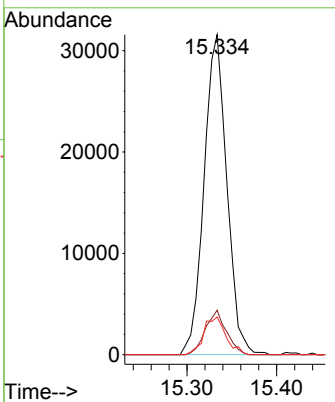
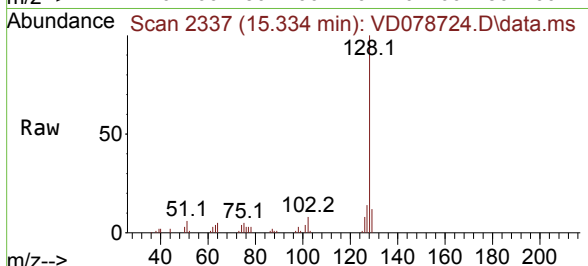




#95
Naphthalene
Concen: 21.049 ug/l
RT: 15.334 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD078724.D
Acq: 21 Mar 2024 12:06

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128	Resp:	55674
Ion Ratio	Lower	Upper
128	100	
127	13.9	9.3 13.9
129	11.8	8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 22.319 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD078724.D
Acq: 21 Mar 2024 12:06

Tgt Ion:180	Resp:	29375
Ion Ratio	Lower	Upper
180	100	
182	91.4	46.7 140.1
145	29.5	14.4 43.4

