

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032024\
 Data File : VD078714.D
 Acq On : 20 Mar 2024 11:32
 Operator : RP/MD
 Sample : VD0320SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Mar 21 04:45:11 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	122569	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	203341	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	191336	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	95047	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	59338	51.658	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.320%	
35) Dibromofluoromethane	7.804	113	65021	49.664	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.320%	
50) Toluene-d8	10.269	98	259594	53.915	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 107.840%	
62) 4-Bromofluorobenzene	12.575	95	73129	51.916	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.840%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	21134	18.526	ug/l	97
3) Chloromethane	2.152	50	29919	16.611	ug/l	91
4) Vinyl Chloride	2.287	62	47578	17.906	ug/l	98
5) Bromomethane	2.693	94	45025	17.698	ug/l	99
6) Chloroethane	2.840	64	36938	17.826	ug/l	97
7) Trichlorofluoromethane	3.181	101	42124	20.039	ug/l	100
8) Diethyl Ether	3.599	74	11038	17.985	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.969	101	27059	20.511	ug/l	98
10) Methyl Iodide	4.175	142	27537	17.646	ug/l	97
11) Tert butyl alcohol	5.052	59	5513	107.244	ug/l #	88
12) 1,1-Dichloroethene	3.952	96	24303	19.379	ug/l	92
13) Acrolein	3.799	56	7213	89.573	ug/l	98
14) Allyl chloride	4.569	41	26312	18.803	ug/l	98
15) Acrylonitrile	5.257	53	22988	92.914	ug/l	96
16) Acetone	4.028	43	21559	97.059	ug/l	89
17) Carbon Disulfide	4.275	76	71077	17.288	ug/l	99
18) Methyl Acetate	4.569	43	8599	18.039	ug/l	97
19) Methyl tert-butyl Ether	5.322	73	45474	17.980	ug/l	94
20) Methylene Chloride	4.805	84	31324	17.520	ug/l	95
21) trans-1,2-Dichloroethene	5.310	96	28898	19.529	ug/l	91
22) Diisopropyl ether	6.216	45	61650	19.378	ug/l	97
23) Vinyl Acetate	6.163	43	175737	94.433	ug/l	100
24) 1,1-Dichloroethane	6.110	63	47217	19.795	ug/l	97
25) 2-Butanone	7.087	43	28479	96.436	ug/l	98
26) 2,2-Dichloropropane	7.075	77	39352	19.500	ug/l	97
27) cis-1,2-Dichloroethene	7.093	96	31856	18.874	ug/l	98
28) Bromochloromethane	7.422	49	16919	19.896	ug/l	96
29) Tetrahydrofuran	7.446	42	16252	101.181	ug/l	94
30) Chloroform	7.599	83	53600	20.154	ug/l	98
31) Cyclohexane	7.881	56	36678	18.997	ug/l	92
32) 1,1,1-Trichloroethane	7.793	97	44005	19.502	ug/l	99
36) 1,1-Dichloropropene	8.010	75	37580	19.783	ug/l	99
37) Ethyl Acetate	7.175	43	12194	19.650	ug/l	99
38) Carbon Tetrachloride	7.993	117	40106	20.027	ug/l #	95
39) Methylcyclohexane	9.275	83	42051	19.083	ug/l	94
40) Benzene	8.257	78	112827	19.649	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	4729	14.542	ug/l #	76
42) 1,2-Dichloroethane	8.328	62	27975	19.977	ug/l	99
43) Isopropyl Acetate	8.363	43	21592	19.132	ug/l	99
44) Trichloroethene	9.034	130	30017	19.262	ug/l	96
45) 1,2-Dichloropropane	9.304	63	26664	19.575	ug/l	97
46) Dibromomethane	9.398	93	14947	18.305	ug/l	96
47) Bromodichloromethane	9.581	83	38807	19.964	ug/l	94
48) Methyl methacrylate	9.381	41	10275	18.685	ug/l	96
49) 1,4-Dioxane	9.387	88	2692	356.069	ug/l	96
51) 4-Methyl-2-Pentanone	10.157	43	58390	98.965	ug/l	97
52) Toluene	10.340	92	73326	19.835	ug/l	99
53) t-1,3-Dichloropropene	10.557	75	32539	18.308	ug/l	91
54) cis-1,3-Dichloropropene	10.016	75	40705	19.052	ug/l	98
55) 1,1,2-Trichloroethane	10.734	97	20722	18.951	ug/l	97
56) Ethyl methacrylate	10.598	69	19393	17.692	ug/l	96
57) 1,3-Dichloropropane	10.881	76	34442	19.521	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	46731	96.683	ug/l	99
59) 2-Hexanone	10.922	43	43013	98.343	ug/l	97
60) Dibromochloromethane	11.075	129	26346	19.538	ug/l	98
61) 1,2-Dibromoethane	11.181	107	19377	18.311	ug/l	96
64) Tetrachloroethene	10.810	164	24613	19.439	ug/l	94
65) Chlorobenzene	11.610	112	76474	19.127	ug/l	91
66) 1,1,1,2-Tetrachloroethane	11.681	131	29175	19.924	ug/l	96
67) Ethyl Benzene	11.687	91	131661	19.324	ug/l	99
68) m/p-Xylenes	11.798	106	106559	38.515	ug/l	98
69) o-Xylene	12.122	106	47042	18.377	ug/l	97
70) Styrene	12.139	104	80745	18.793	ug/l	98
71) Bromoform	12.304	173	15116	19.102	ug/l #	98
73) Isopropylbenzene	12.422	105	125192	20.005	ug/l	99
74) N-amyl acetate	12.234	43	20380	20.058	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.675	83	23174	20.004	ug/l	97
76) 1,2,3-Trichloropropane	12.716	75	26917	36.758	ug/l #	100
77) Bromobenzene	12.704	156	30827	19.863	ug/l	99
78) n-propylbenzene	12.763	91	158875	20.857	ug/l	98
79) 2-Chlorotoluene	12.851	91	84225	20.155	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	101901	19.691	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.475	75	7100	20.324	ug/l	97
82) 4-Chlorotoluene	12.945	91	89364	20.219	ug/l	98
83) tert-Butylbenzene	13.169	119	88913	19.926	ug/l	99
84) 1,2,4-Trimethylbenzene	13.216	105	105560	20.241	ug/l	98
85) sec-Butylbenzene	13.345	105	141075	20.892	ug/l	99
86) p-Isopropyltoluene	13.463	119	117857	20.388	ug/l	98
87) 1,3-Dichlorobenzene	13.463	146	64629	19.734	ug/l	98
88) 1,4-Dichlorobenzene	13.539	146	64865	20.097	ug/l	98
89) n-Butylbenzene	13.792	91	108644	20.810	ug/l	99
90) Hexachloroethane	14.057	117	24513	20.494	ug/l	97
91) 1,2-Dichlorobenzene	13.834	146	55895	19.816	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	2604	16.803	ug/l	87
93) 1,2,4-Trichlorobenzene	15.098	180	31456	19.109	ug/l	91
94) Hexachlorobutadiene	15.204	225	17736	19.901	ug/l	99
95) Naphthalene	15.333	128	49747	17.382	ug/l	96
96) 1,2,3-Trichlorobenzene	15.522	180	26517	18.620	ug/l	97

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

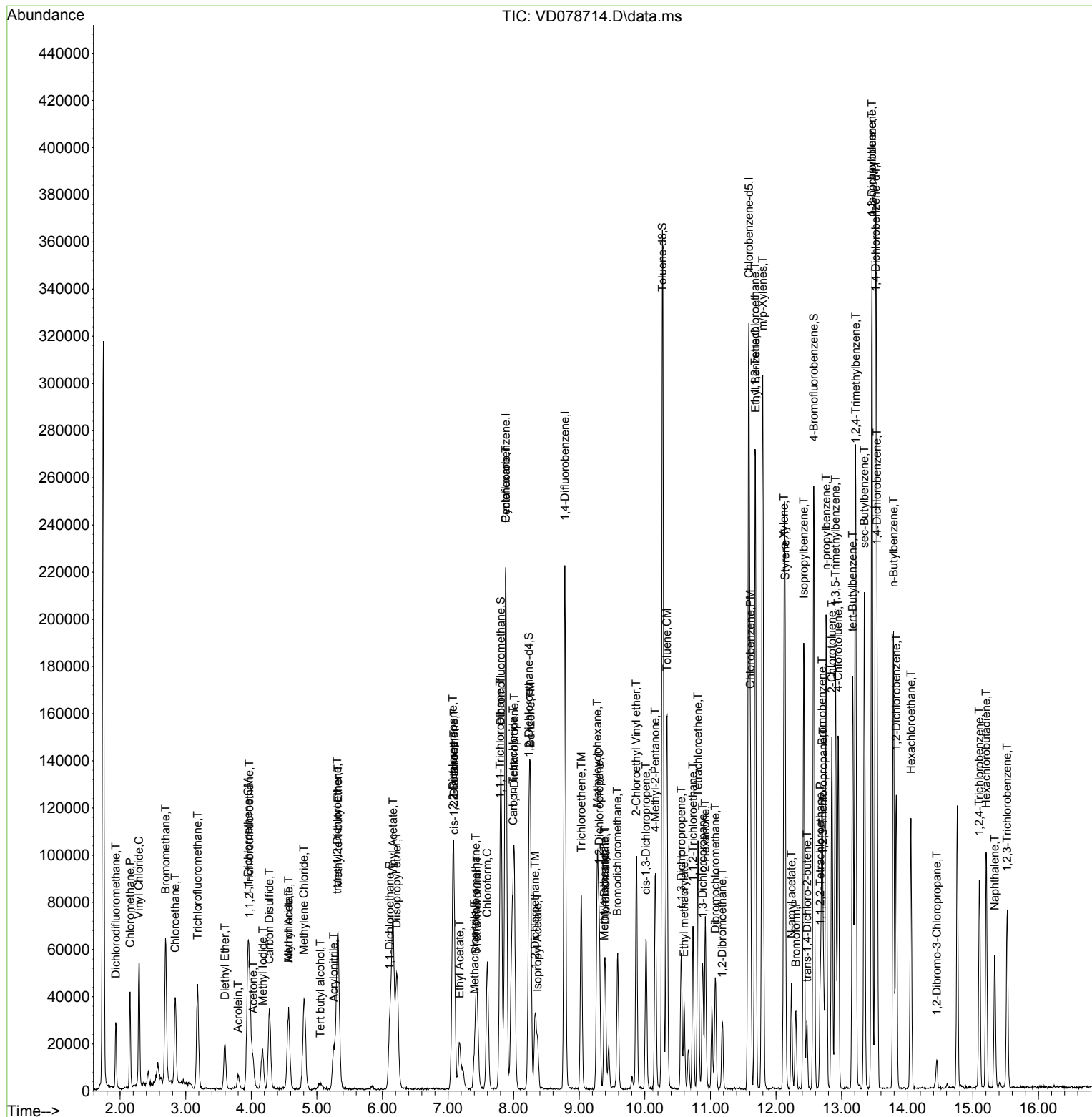
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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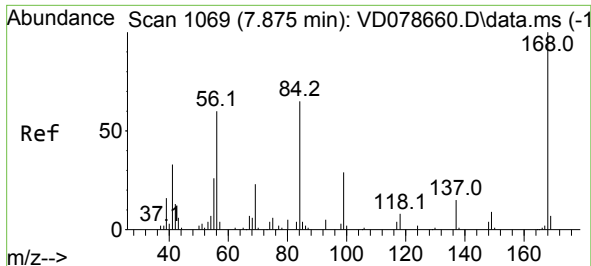
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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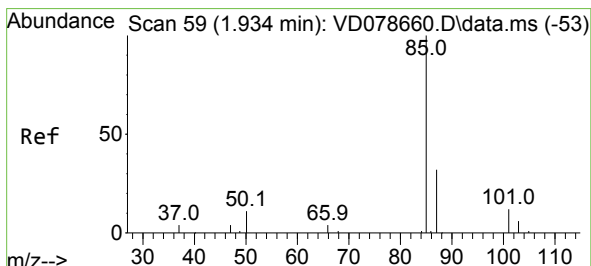
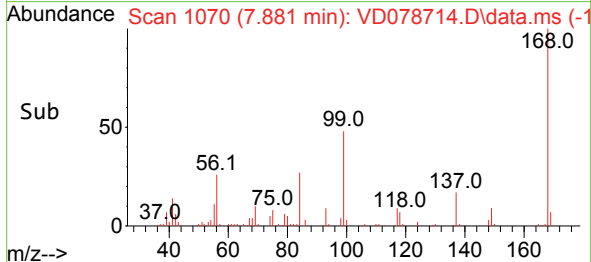
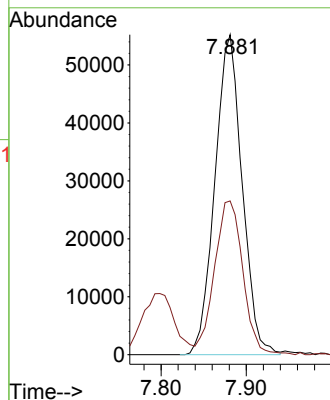
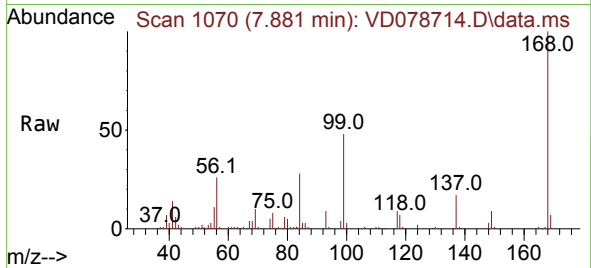




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD078714.D
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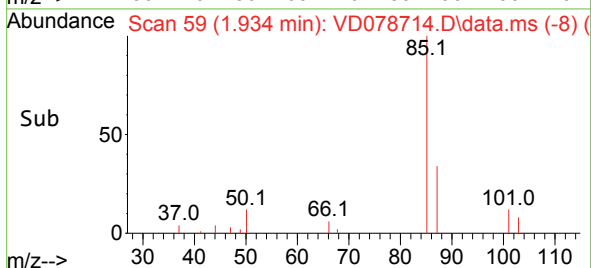
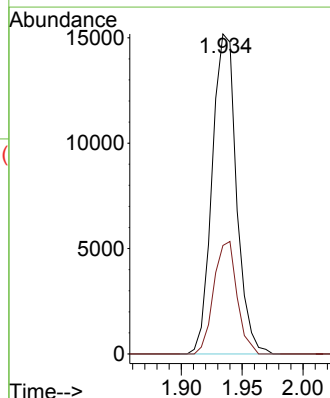
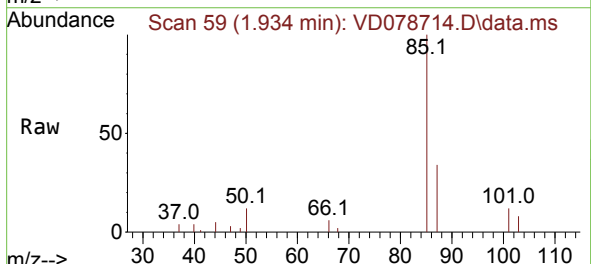
Instrument :
MSVOA_D
ClientSampleId :

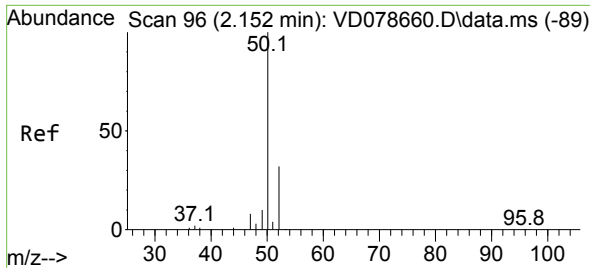
Tgt Ion:168 Resp: 122569
Ion Ratio Lower Upper
168 100
99 47.5 38.8 58.2



#2
Dichlorodifluoromethane
Concen: 18.526 ug/l
RT: 1.934 min Scan# 59
Delta R.T. -0.000 min
Lab File: VD078714.D
Acq: 20 Mar 2024 11:32

Tgt Ion: 85 Resp: 21134
Ion Ratio Lower Upper
85 100
87 33.9 16.2 48.5

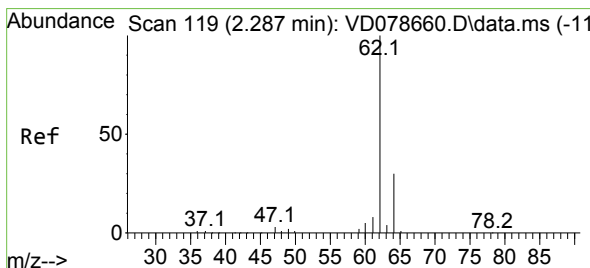
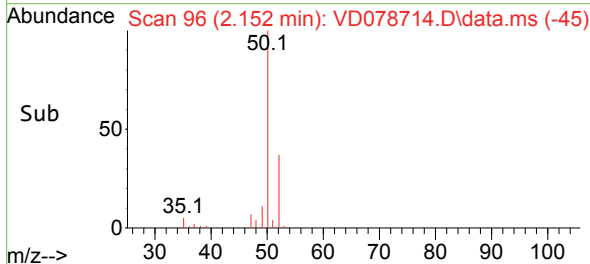
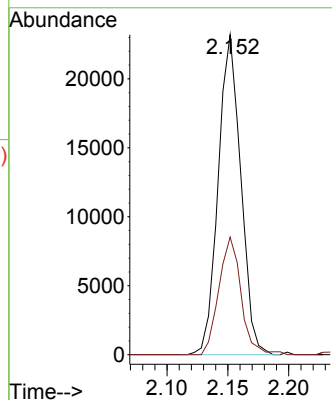
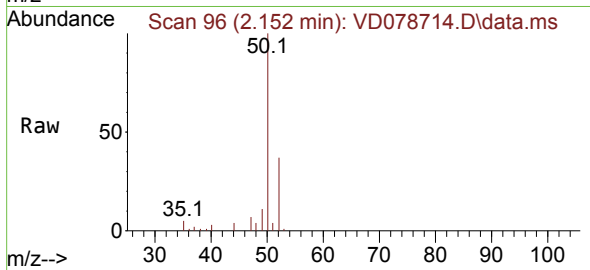




#3
Chloromethane
Concen: 16.611 ug/l
RT: 2.152 min Scan# 96
Delta R.T. -0.000 min
Lab File: VD078714.D
Acq: 20 Mar 2024 11:32

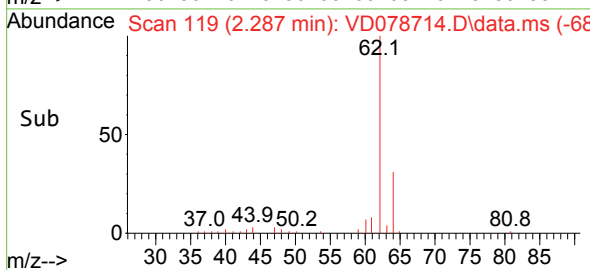
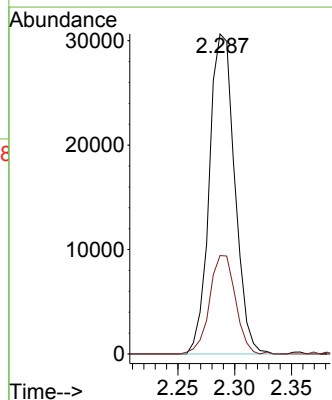
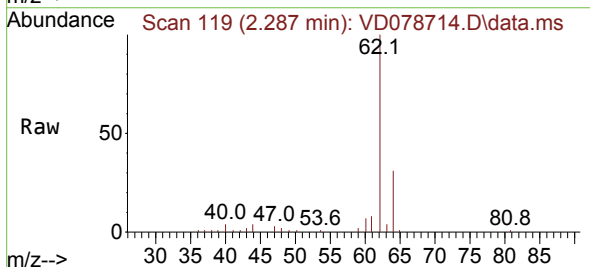
Instrument :
MSVOA_D
ClientSampleId :

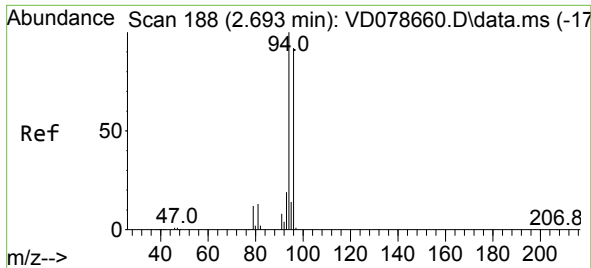
Tgt Ion: 50 Resp: 29919
Ion Ratio Lower Upper
50 100
52 36.8 25.6 38.4



#4
Vinyl Chloride
Concen: 17.906 ug/l
RT: 2.287 min Scan# 119
Delta R.T. -0.000 min
Lab File: VD078714.D
Acq: 20 Mar 2024 11:32

Tgt Ion: 62 Resp: 47578
Ion Ratio Lower Upper
62 100
64 30.7 23.7 35.5

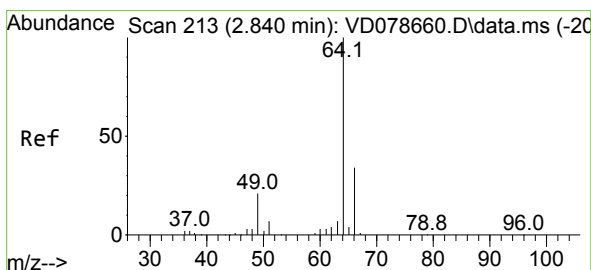
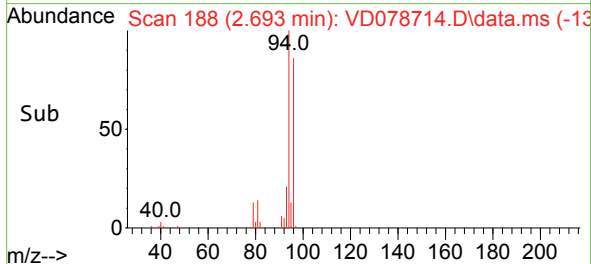
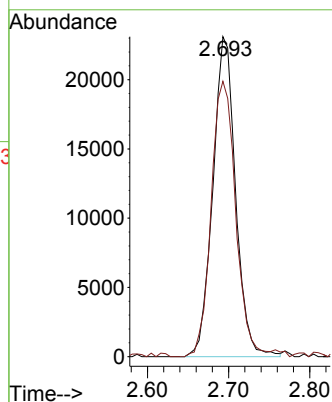
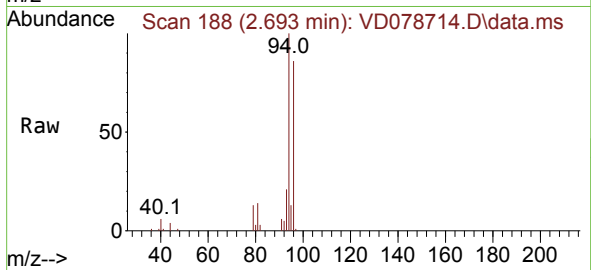




#5
Bromomethane
Concen: 17.698 ug/l
RT: 2.693 min Scan# 188
Delta R.T. -0.000 min
Lab File: VD078714.D
Acq: 20 Mar 2024 11:32

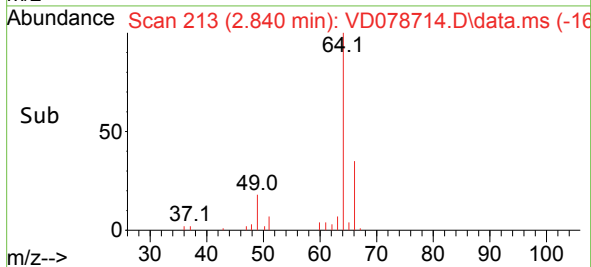
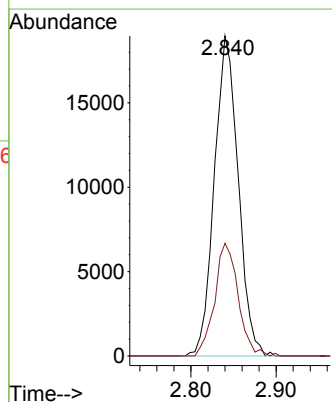
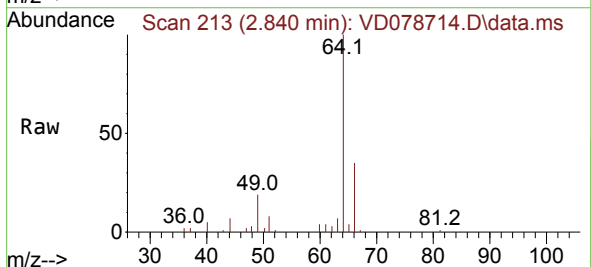
Instrument :
MSVOA_D
ClientSampleId :

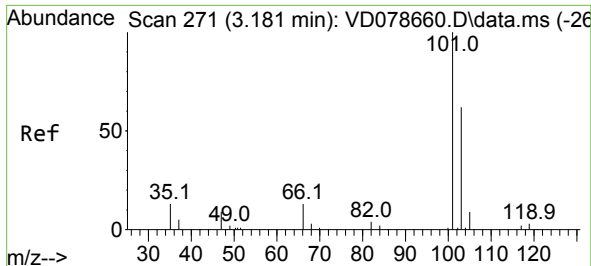
Tgt Ion: 94 Resp: 45025
Ion Ratio Lower Upper
94 100
96 92.6 73.5 110.3



#6
Chloroethane
Concen: 17.826 ug/l
RT: 2.840 min Scan# 213
Delta R.T. -0.000 min
Lab File: VD078714.D
Acq: 20 Mar 2024 11:32

Tgt Ion: 64 Resp: 36938
Ion Ratio Lower Upper
64 100
66 35.2 26.8 40.2

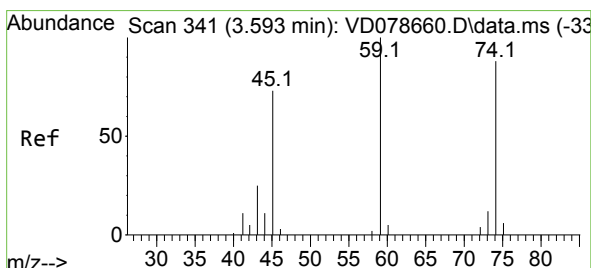
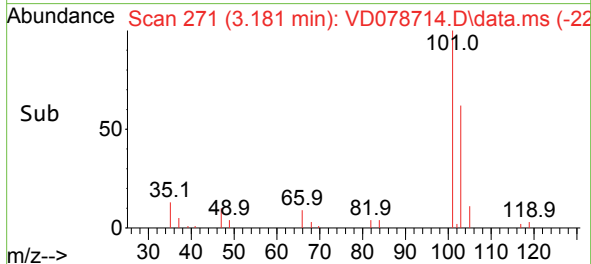
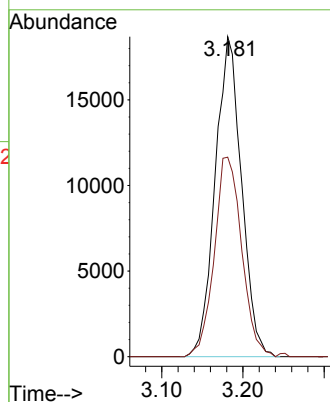
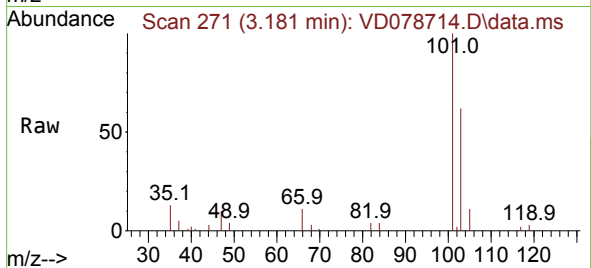




#7
Trichlorofluoromethane
Concen: 20.039 ug/l
RT: 3.181 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD078714.D
Acq: 20 Mar 2024 11:32

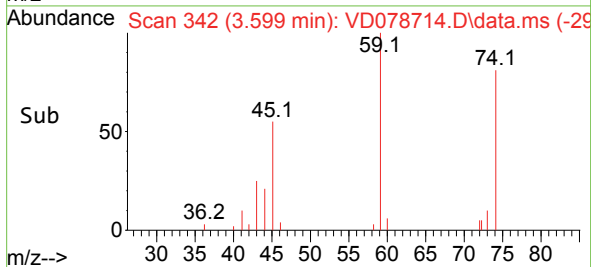
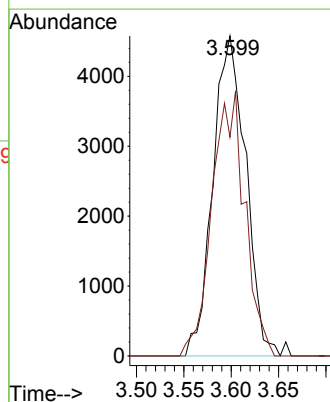
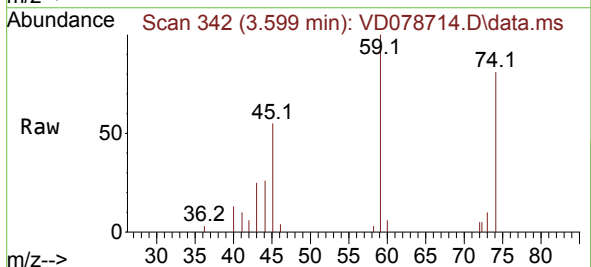
Instrument :
MSVOA_D
ClientSampleId :

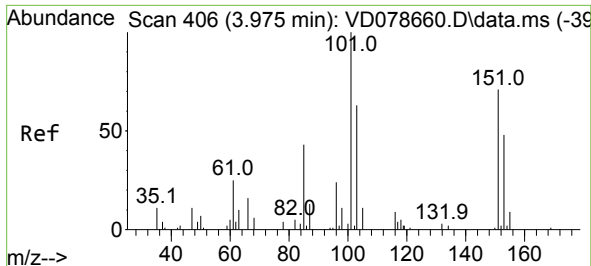
Tgt Ion:101 Resp: 42124
Ion Ratio Lower Upper
101 100
103 62.3 49.7 74.5



#8
Diethyl Ether
Concen: 17.985 ug/l
RT: 3.599 min Scan# 342
Delta R.T. 0.006 min
Lab File: VD078714.D
Acq: 20 Mar 2024 11:32

Tgt Ion: 74 Resp: 11038
Ion Ratio Lower Upper
74 100
45 82.5 42.4 127.3

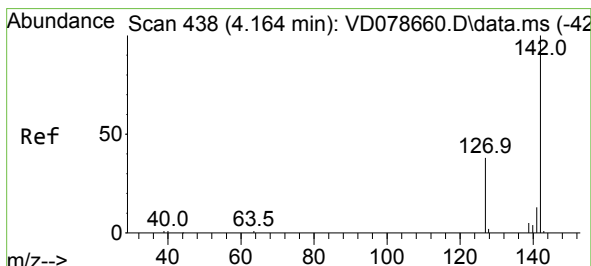
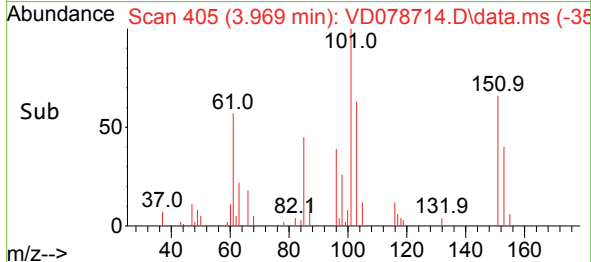
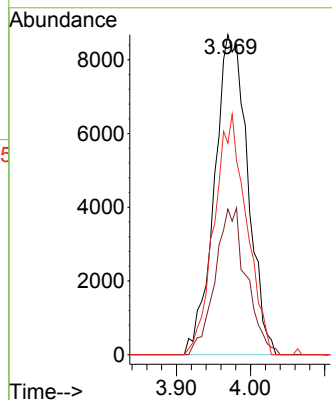
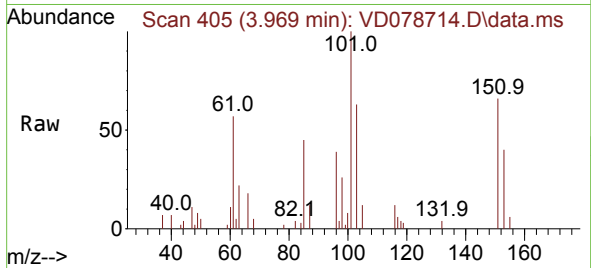




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.511 ug/l
RT: 3.969 min Scan# 406
Delta R.T. -0.006 min
Lab File: VD078714.D
Acq: 20 Mar 2024 11:32

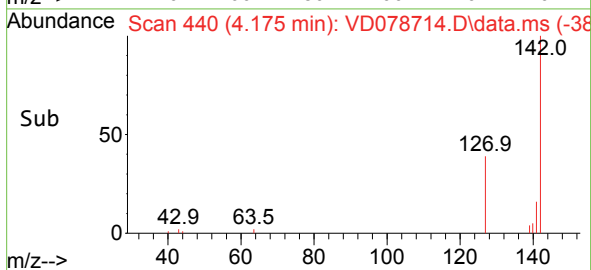
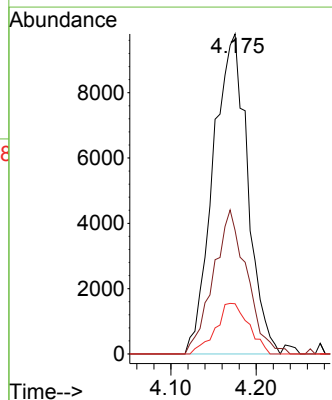
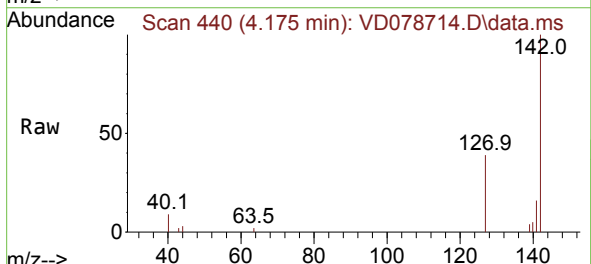
Instrument :
MSVOA_D
ClientSampleId :

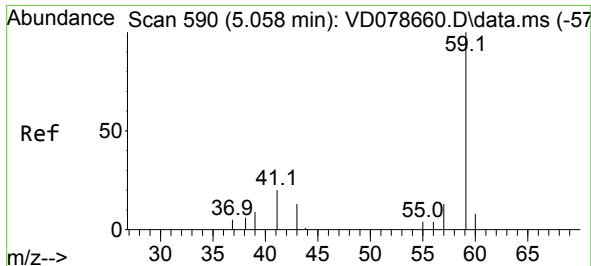
Tgt Ion:101 Resp: 27059
Ion Ratio Lower Upper
101 100
85 43.4 35.8 53.6
151 73.1 59.4 89.2



#10
Methyl Iodide
Concen: 17.646 ug/l
RT: 4.175 min Scan# 440
Delta R.T. 0.012 min
Lab File: VD078714.D
Acq: 20 Mar 2024 11:32

Tgt Ion:142 Resp: 27537
Ion Ratio Lower Upper
142 100
127 43.9 33.5 50.3
141 15.1 11.7 17.5

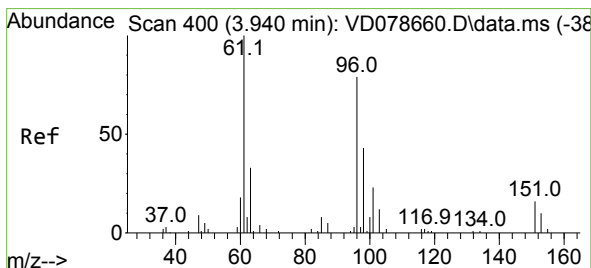
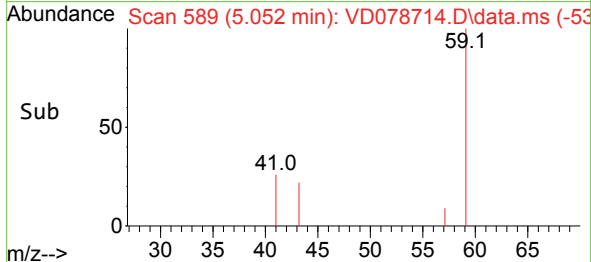
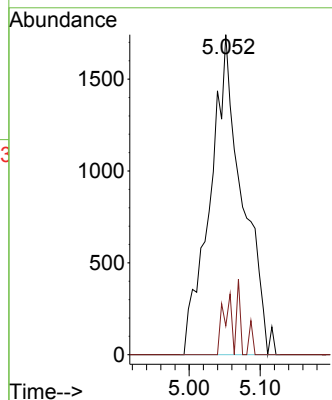
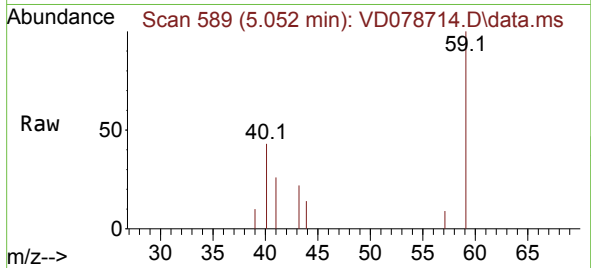




#11
Tert butyl alcohol
Concen: 107.244 ug/l
RT: 5.052 min Scan# 51
Delta R.T. -0.006 min
Lab File: VD078714.D
Acq: 20 Mar 2024 11:32

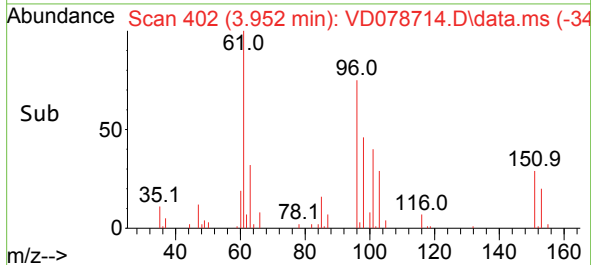
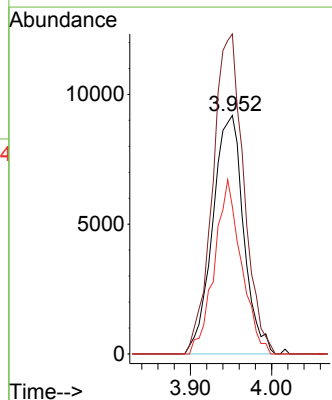
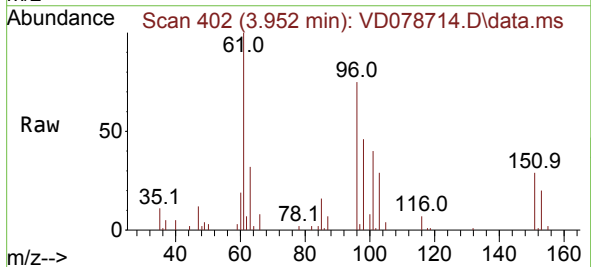
Instrument :
MSVOA_D
ClientSampleId :

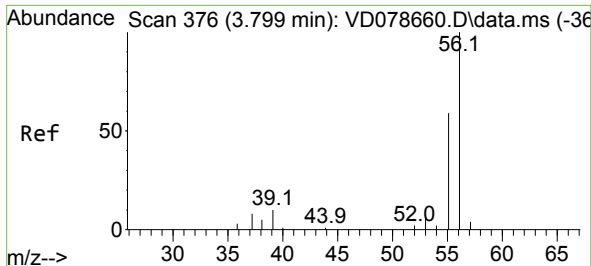
Tgt Ion: 59 Resp: 5513
Ion Ratio Lower Upper
59 100
57 4.9 7.4 11.0#



#12
1,1-Dichloroethene
Concen: 19.379 ug/l
RT: 3.952 min Scan# 402
Delta R.T. 0.012 min
Lab File: VD078714.D
Acq: 20 Mar 2024 11:32

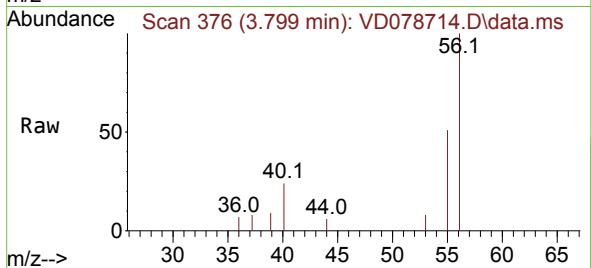
Tgt Ion: 96 Resp: 24303
Ion Ratio Lower Upper
96 100
61 134.2 101.4 152.0
98 61.8 43.4 65.0



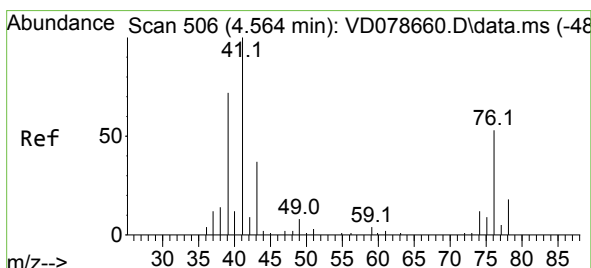
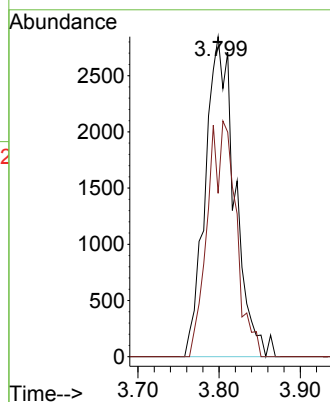
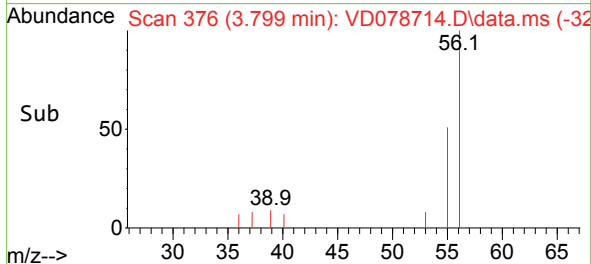


#13
Acrolein
Concen: 89.573 ug/l
RT: 3.799 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD078714.D
Acq: 20 Mar 2024 11:32

Instrument :
MSVOA_D
ClientSampleId :

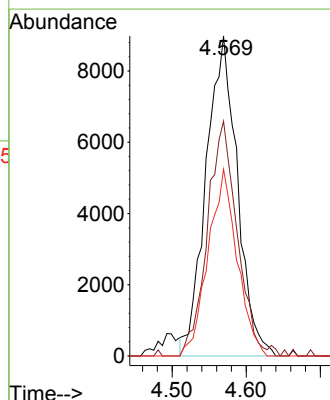
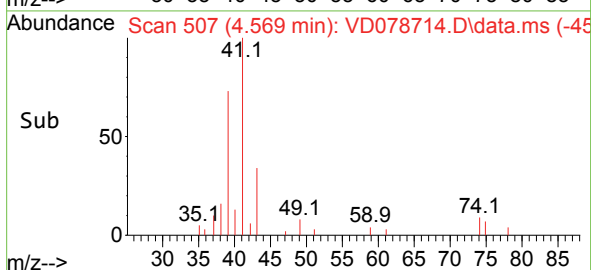
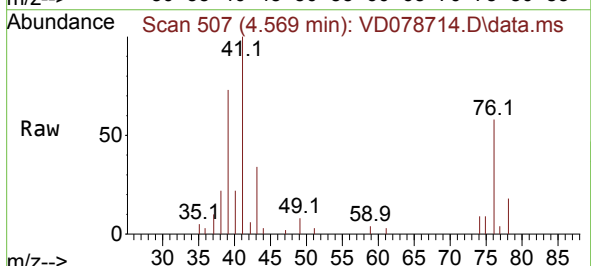


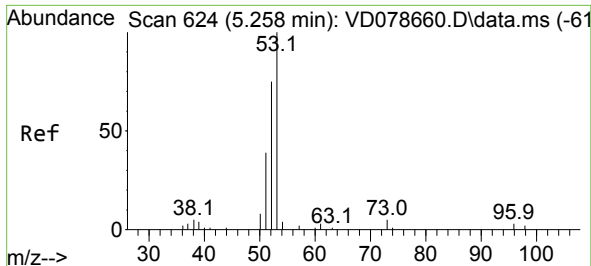
Tgt Ion: 56 Resp: 7213
Ion Ratio Lower Upper
56 100
55 70.6 54.9 82.3



#14
Allyl chloride
Concen: 18.803 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD078714.D
Acq: 20 Mar 2024 11:32

Tgt Ion: 41 Resp: 26312
Ion Ratio Lower Upper
41 100
39 70.3 57.8 86.6
76 54.1 44.8 67.2

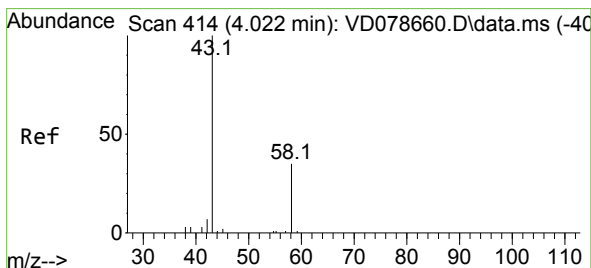
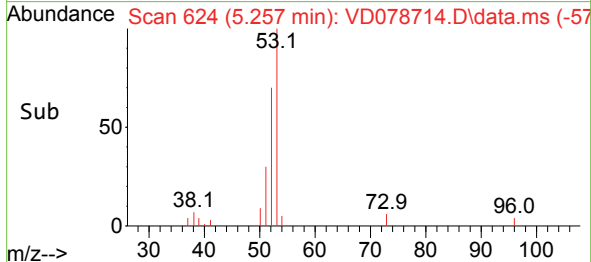
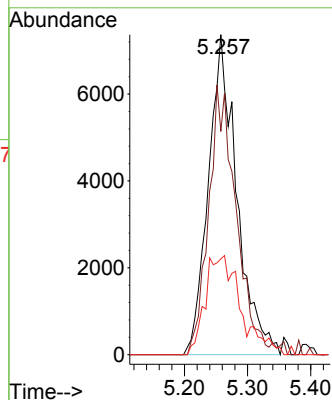
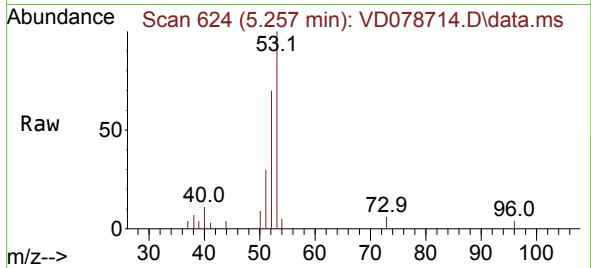




#15
Acrylonitrile
Concen: 92.914 ug/l
RT: 5.257 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD078714.D
Acq: 20 Mar 2024 11:32

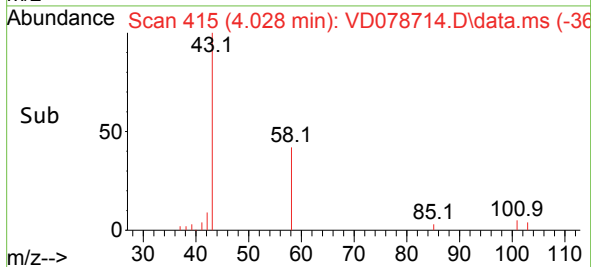
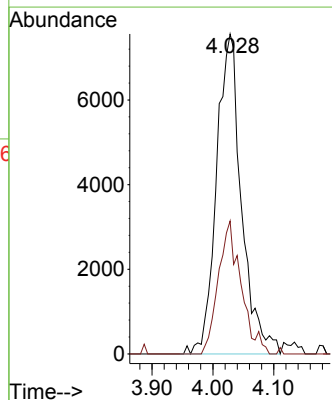
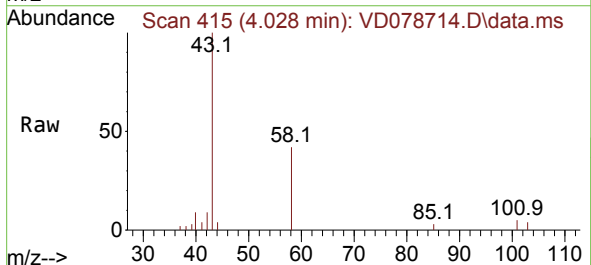
Instrument :
MSVOA_D
ClientSampleId :

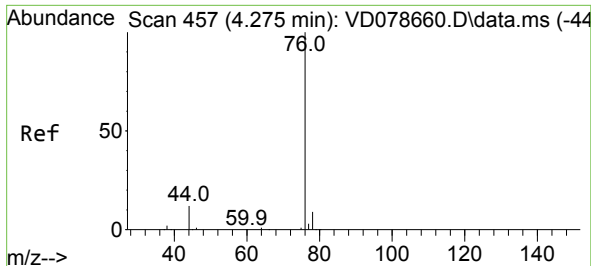
Tgt Ion:	53	Resp:	22988
Ion	Ratio	Lower	Upper
53	100		
52	81.2	61.9	92.9
51	38.9	29.0	43.4



#16
Acetone
Concen: 97.059 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD078714.D
Acq: 20 Mar 2024 11:32

Tgt Ion:	43	Resp:	21559
Ion	Ratio	Lower	Upper
43	100		
58	41.6	28.2	42.4

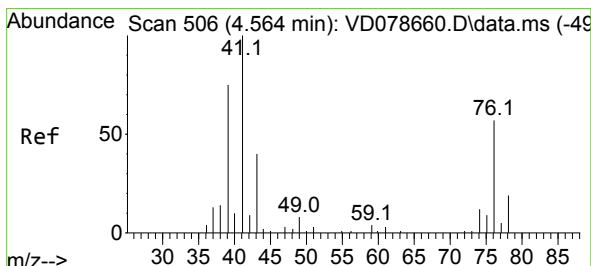
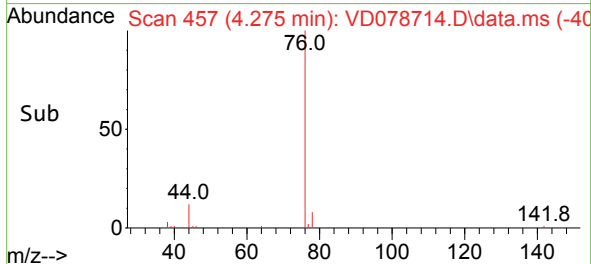
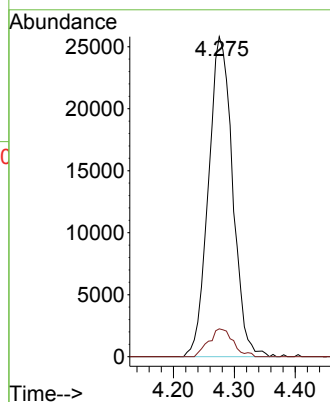
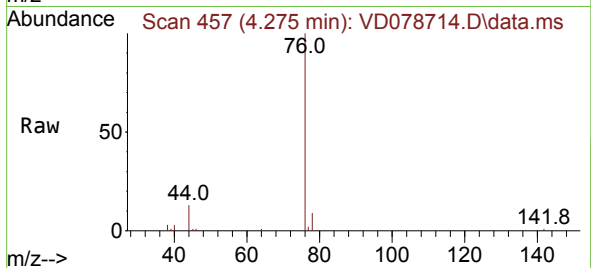




#17
Carbon Disulfide
Concen: 17.288 ug/l
RT: 4.275 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD078714.D
Acq: 20 Mar 2024 11:32

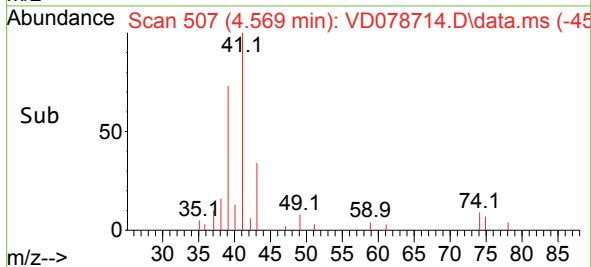
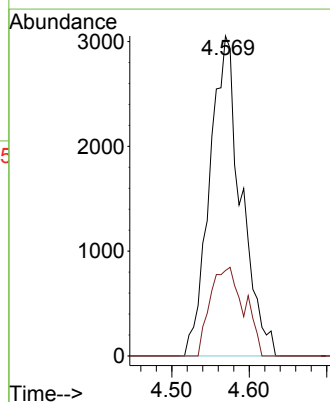
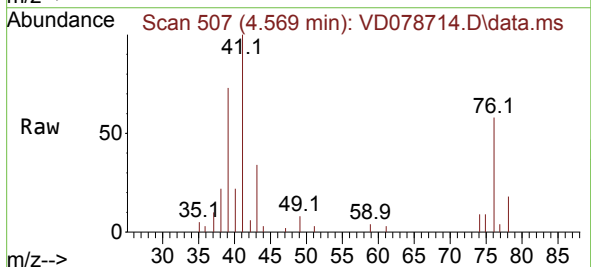
Instrument :
MSVOA_D
ClientSampleId :

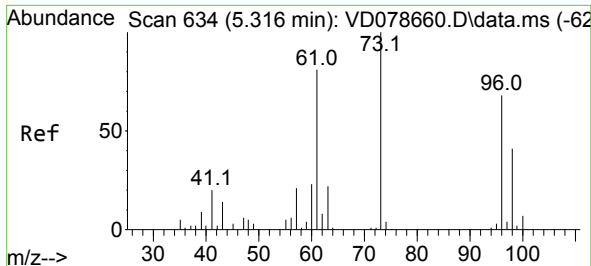
Tgt Ion: 76 Resp: 71077
Ion Ratio Lower Upper
76 100
78 8.7 7.3 10.9



#18
Methyl Acetate
Concen: 18.039 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.005 min
Lab File: VD078714.D
Acq: 20 Mar 2024 11:32

Tgt Ion: 43 Resp: 8599
Ion Ratio Lower Upper
43 100
74 29.8 25.3 37.9





#19

Methyl tert-butyl Ether

Concen: 17.980 ug/l

RT: 5.322 min Scan# 61

Delta R.T. 0.006 min

Lab File: VD078714.D

Acq: 20 Mar 2024 11:32

Instrument :

MSVOA_D

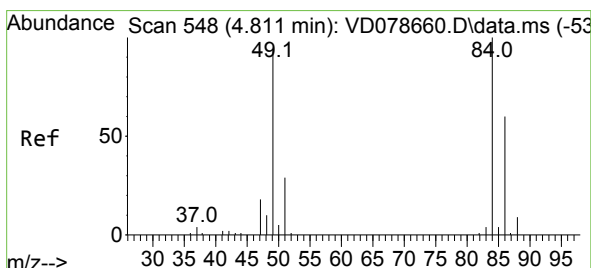
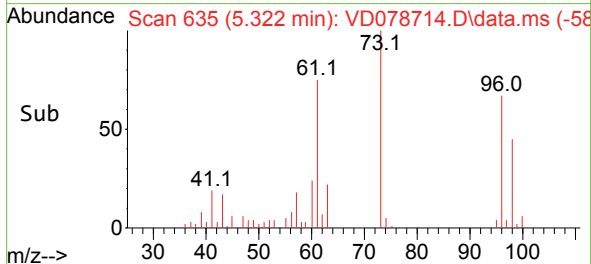
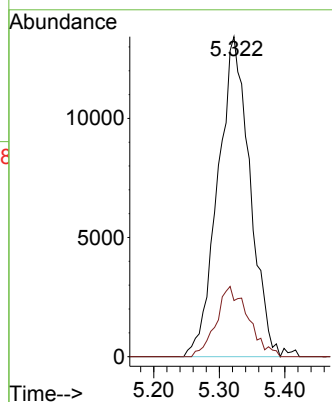
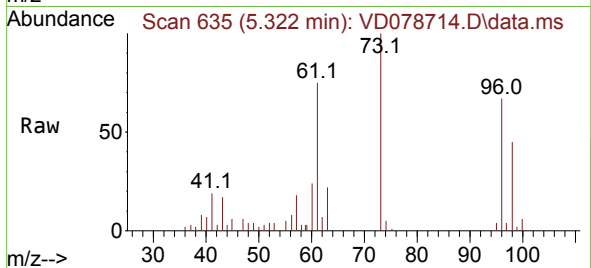
ClientSampleId :

Tgt Ion: 73 Resp: 45474

Ion Ratio Lower Upper

73 100

57 17.5 16.4 24.6



#20

Methylene Chloride

Concen: 17.520 ug/l

RT: 4.805 min Scan# 547

Delta R.T. -0.006 min

Lab File: VD078714.D

Acq: 20 Mar 2024 11:32

Tgt Ion: 84 Resp: 31324

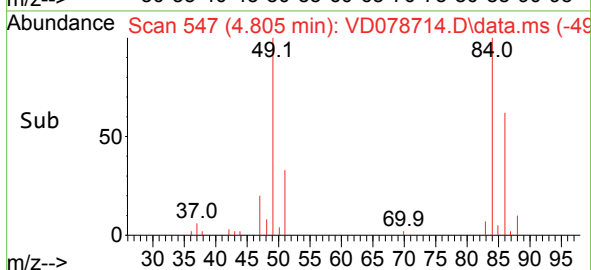
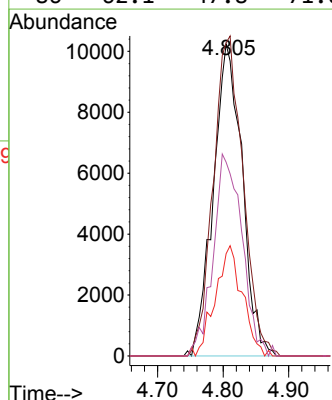
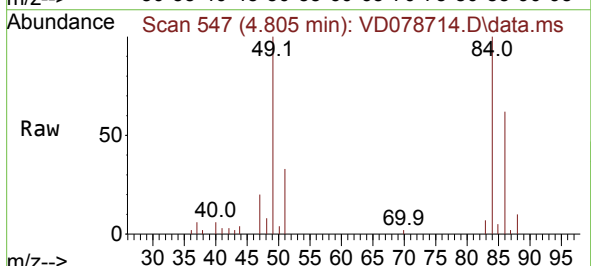
Ion Ratio Lower Upper

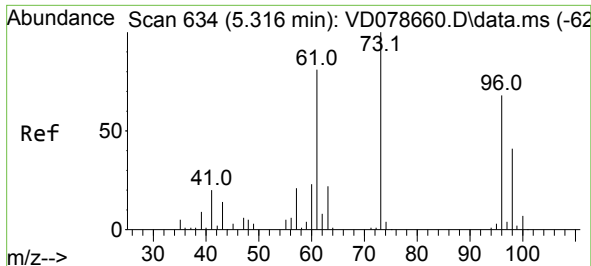
84 100

49 100.4 75.6 113.4

51 32.8 23.4 35.0

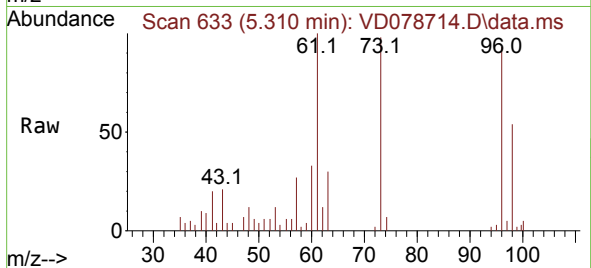
86 62.1 47.8 71.6



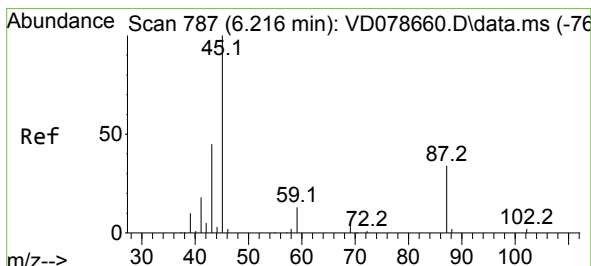
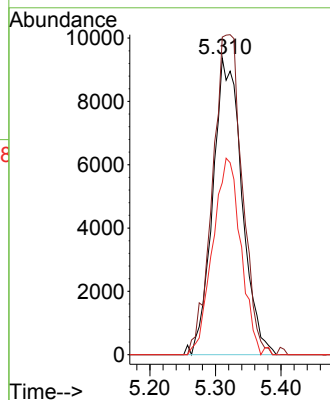
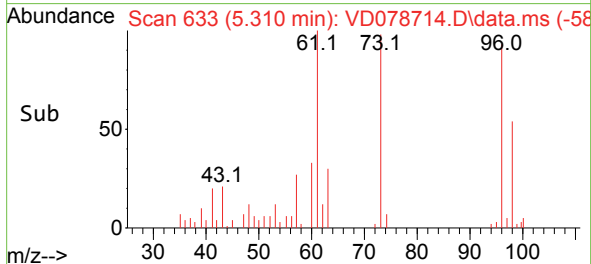


#21
trans-1,2-Dichloroethene
Concen: 19.529 ug/l
RT: 5.310 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD078714.D
Acq: 20 Mar 2024 11:32

Instrument :
MSVOA_D
ClientSampleId :

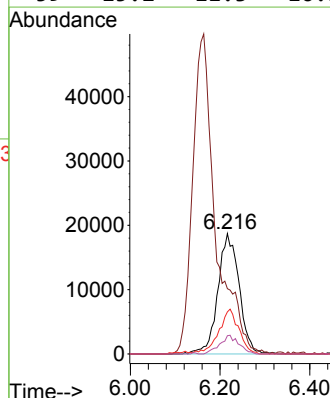
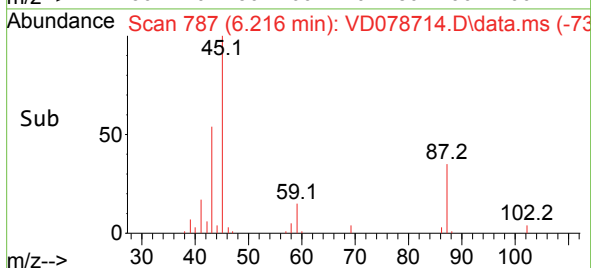
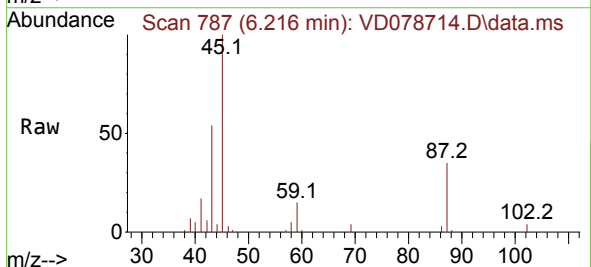


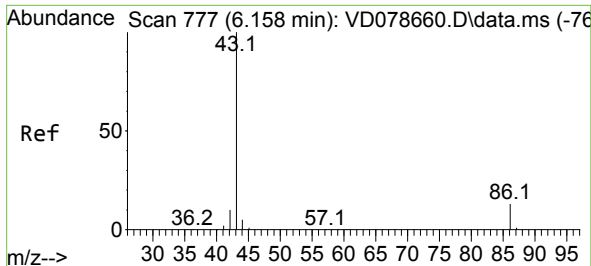
Tgt Ion: 96 Resp: 28898
Ion Ratio Lower Upper
96 100
61 107.1 96.1 144.1
98 58.0 48.9 73.3



#22
Diisopropyl ether
Concen: 19.378 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.000 min
Lab File: VD078714.D
Acq: 20 Mar 2024 11:32

Tgt Ion: 45 Resp: 61650
Ion Ratio Lower Upper
45 100
43 52.4 44.3 66.5
87 34.9 28.3 42.5
59 15.2 11.3 16.9

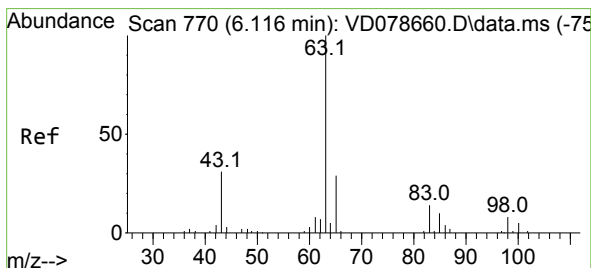
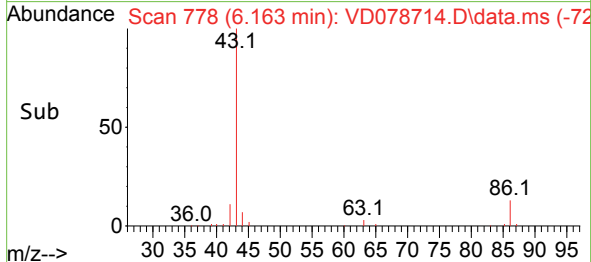
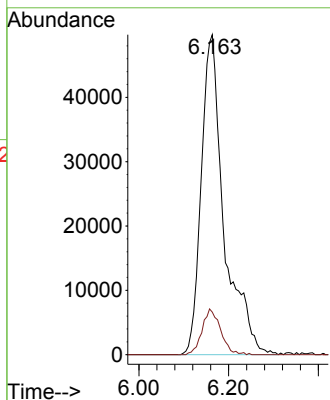
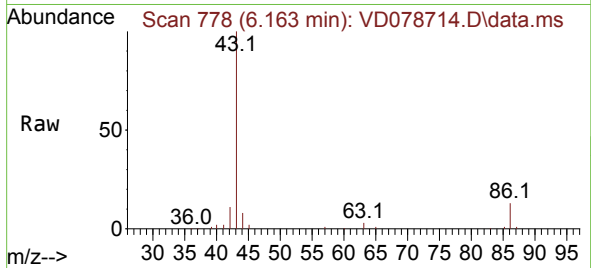




#23
 Vinyl Acetate
 Concen: 94.433 ug/l
 RT: 6.163 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VD078714.D
 Acq: 20 Mar 2024 11:32

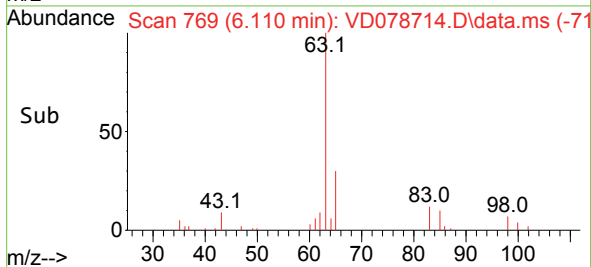
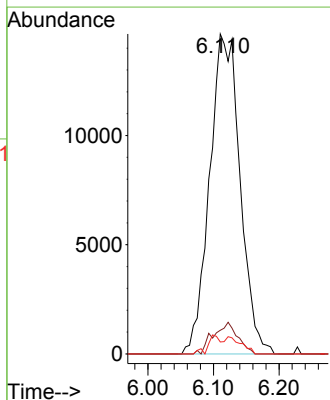
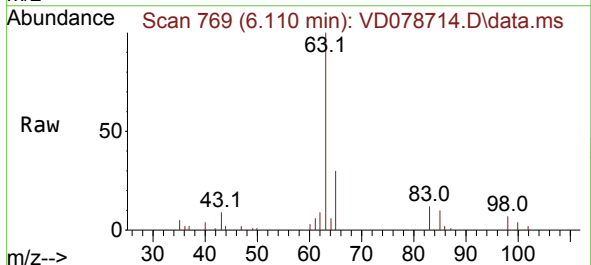
Instrument :
 MSVOA_D
 ClientSampleId :

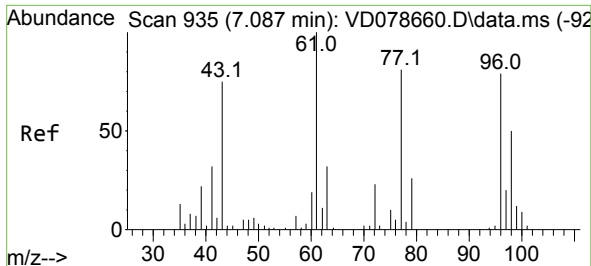
Tgt Ion: 43 Resp: 175737
 Ion Ratio Lower Upper
 43 100
 86 13.3 10.7 16.1



#24
 1,1-Dichloroethane
 Concen: 19.795 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. -0.006 min
 Lab File: VD078714.D
 Acq: 20 Mar 2024 11:32

Tgt Ion: 63 Resp: 47217
 Ion Ratio Lower Upper
 63 100
 98 7.4 4.0 11.9
 100 3.7 2.7 8.1

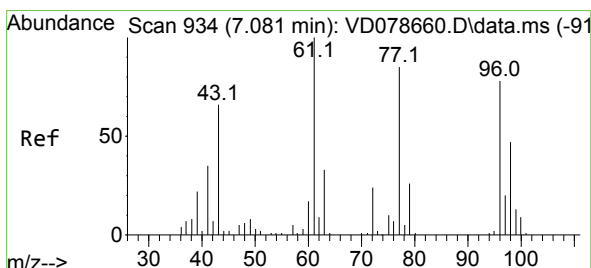
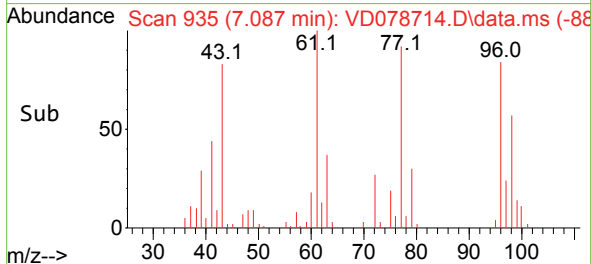
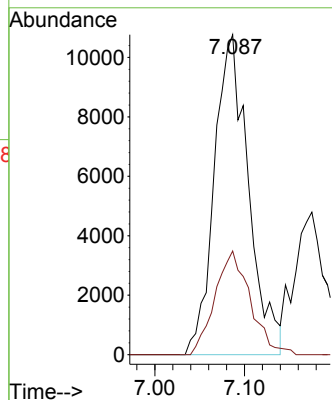
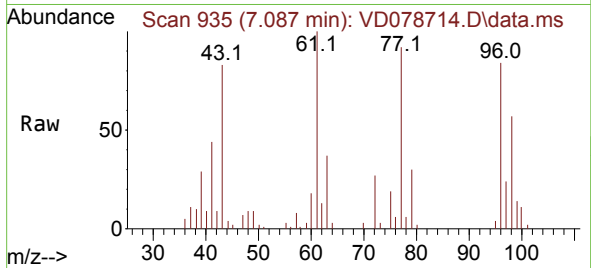




#25
2-Butanone
Concen: 96.436 ug/l
RT: 7.087 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD078714.D
Acq: 20 Mar 2024 11:32

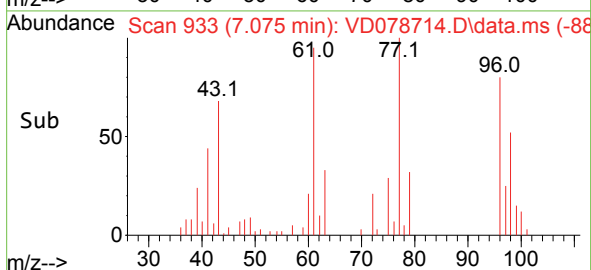
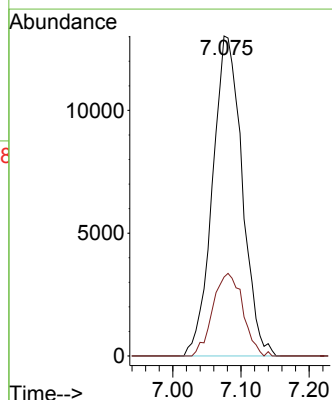
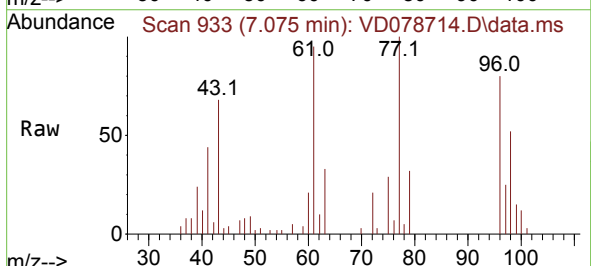
Instrument :
MSVOA_D
ClientSampleId :

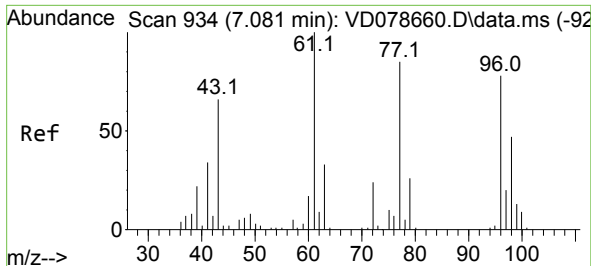
Tgt Ion: 43 Resp: 28479
Ion Ratio Lower Upper
43 100
72 32.4 25.0 37.6



#26
2,2-Dichloropropane
Concen: 19.500 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD078714.D
Acq: 20 Mar 2024 11:32

Tgt Ion: 77 Resp: 39352
Ion Ratio Lower Upper
77 100
97 26.1 12.4 37.0



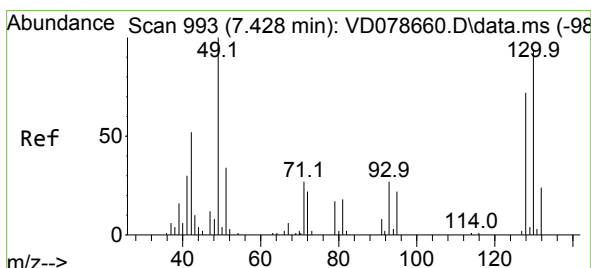
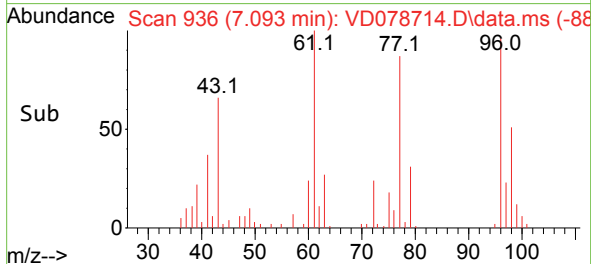
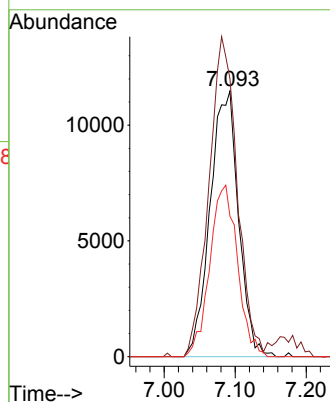
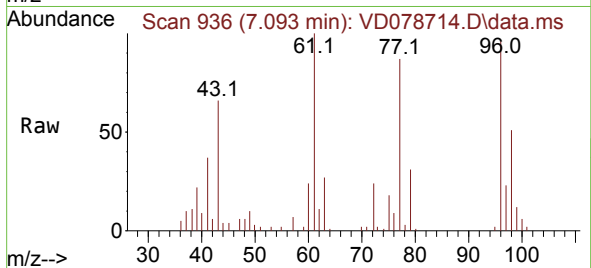


#27
 cis-1,2-Dichloroethene
 Concen: 18.874 ug/l
 RT: 7.093 min Scan# 91
 Delta R.T. 0.012 min
 Lab File: VD078714.D
 Acq: 20 Mar 2024 11:32

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion: 96 Resp: 31856

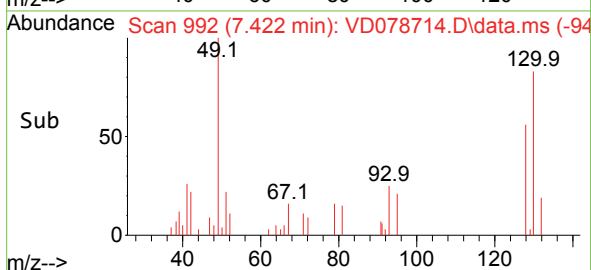
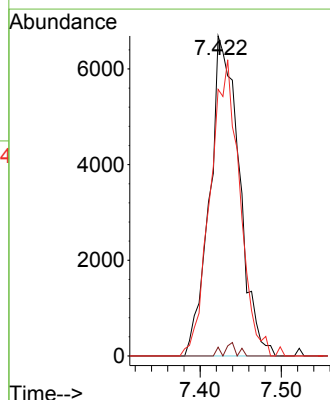
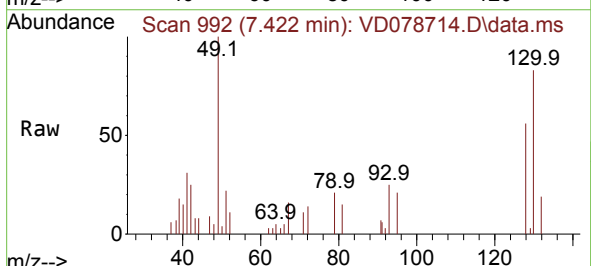
Ion	Ratio	Lower	Upper
96	100		
61	119.9	0.0	245.0
98	62.9	0.0	126.6

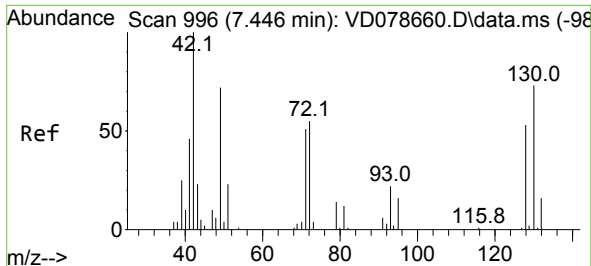


#28
 Bromochloromethane
 Concen: 19.896 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. -0.006 min
 Lab File: VD078714.D
 Acq: 20 Mar 2024 11:32

Tgt Ion: 49 Resp: 16919

Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	6.2
130	92.2	77.1	115.7

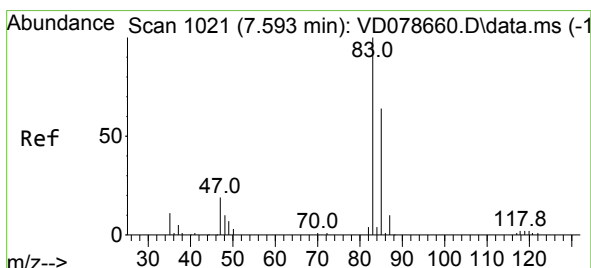
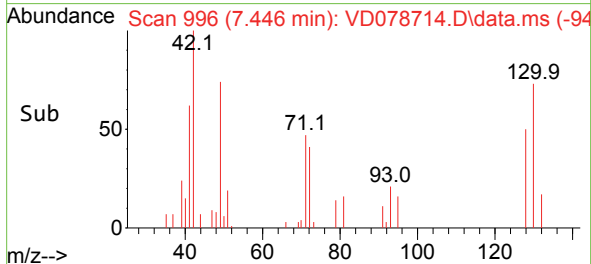
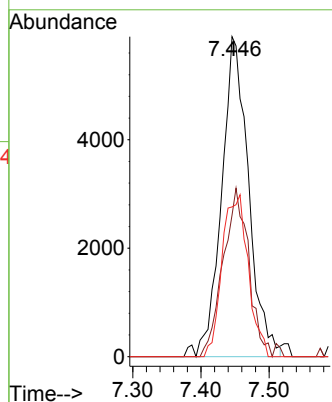
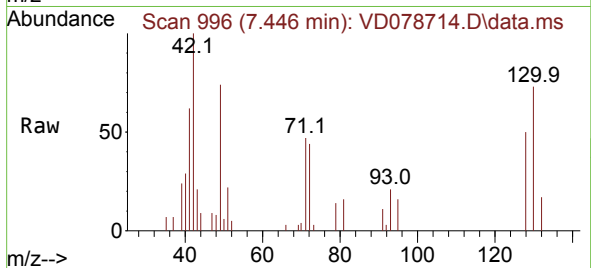




#29
Tetrahydrofuran
Concen: 101.181 ug/l
RT: 7.446 min Scan# 996
Delta R.T. -0.000 min
Lab File: VD078714.D
Acq: 20 Mar 2024 11:32

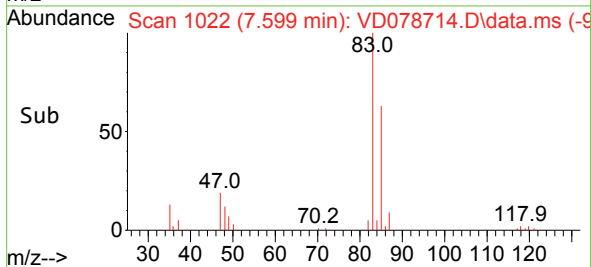
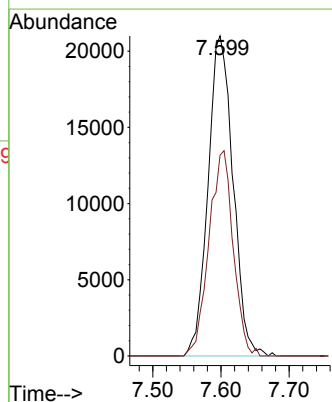
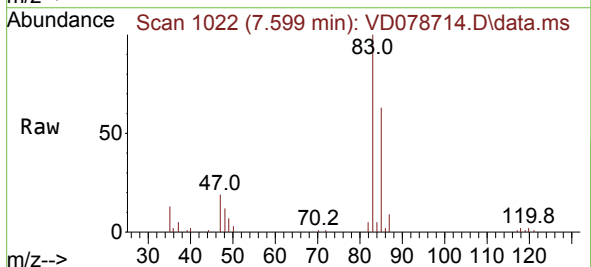
Instrument :
MSVOA_D
ClientSampleId :

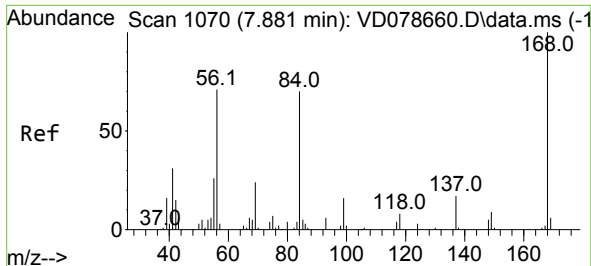
Tgt Ion: 42 Resp: 16252
Ion Ratio Lower Upper
42 100
72 50.0 43.8 65.6
71 48.7 42.0 63.0



#30
Chloroform
Concen: 20.154 ug/l
RT: 7.599 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VD078714.D
Acq: 20 Mar 2024 11:32

Tgt Ion: 83 Resp: 53600
Ion Ratio Lower Upper
83 100
85 62.8 51.2 76.8

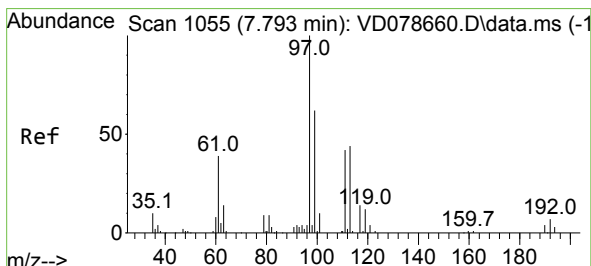
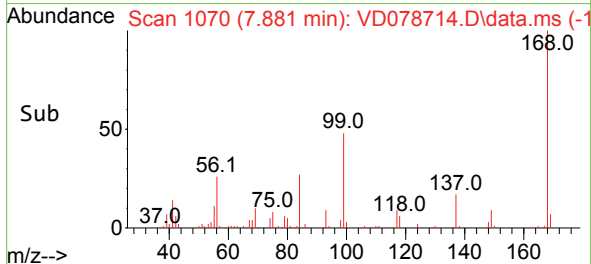
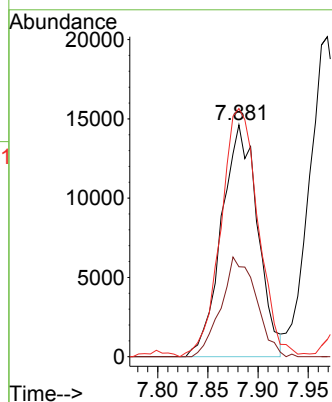
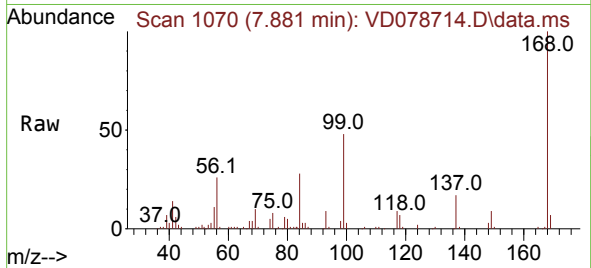




#31
Cyclohexane
Concen: 18.997 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD078714.D
Acq: 20 Mar 2024 11:32

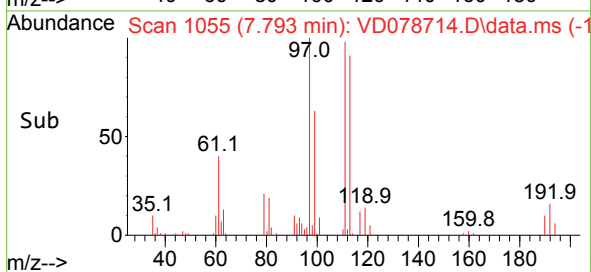
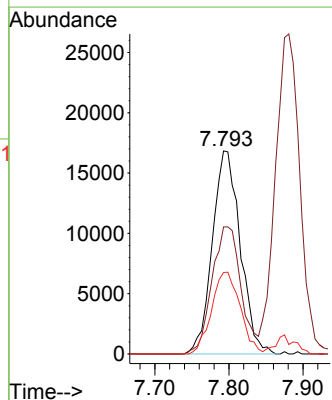
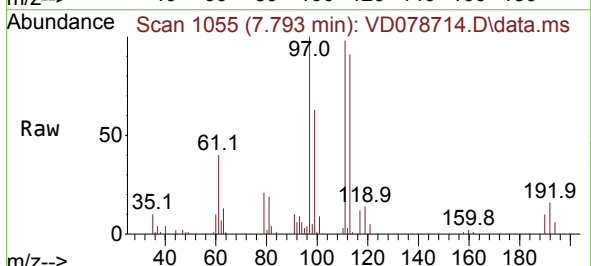
Instrument :
MSVOA_D
ClientSampleId :

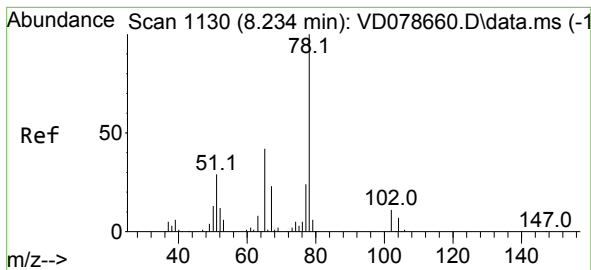
Tgt Ion: 56 Resp: 36678
Ion Ratio Lower Upper
56 100
69 38.8 26.6 40.0
84 107.1 79.4 119.2



#32
1,1,1-Trichloroethane
Concen: 19.502 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD078714.D
Acq: 20 Mar 2024 11:32

Tgt Ion: 97 Resp: 44005
Ion Ratio Lower Upper
97 100
99 65.4 50.8 76.2
61 41.3 33.0 49.6

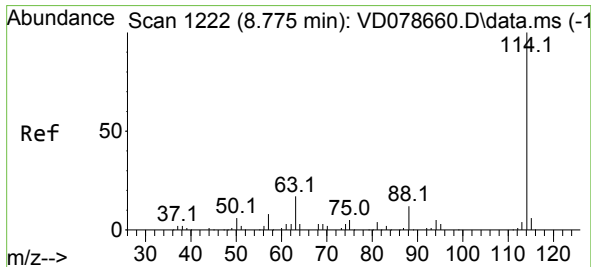
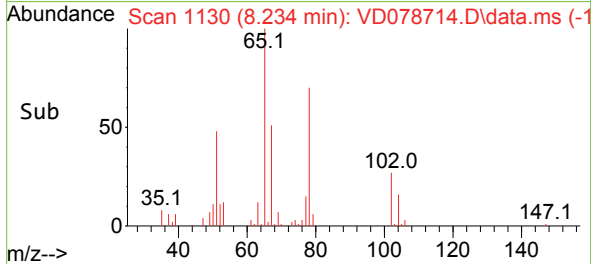
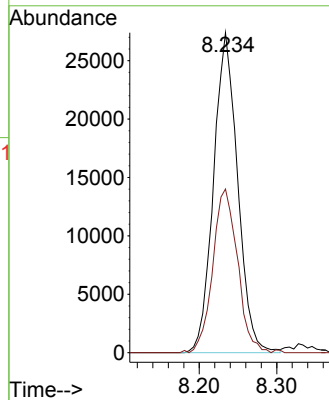
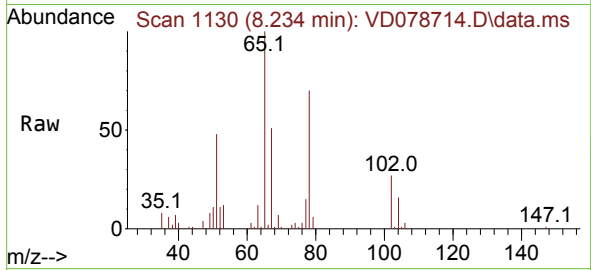




#33
1,2-Dichloroethane-d4
Concen: 51.658 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD078714.D
Acq: 20 Mar 2024 11:32

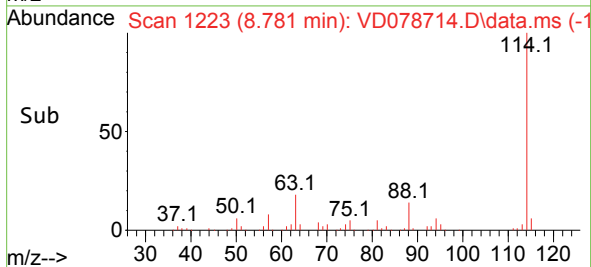
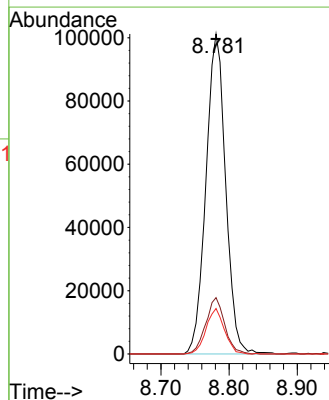
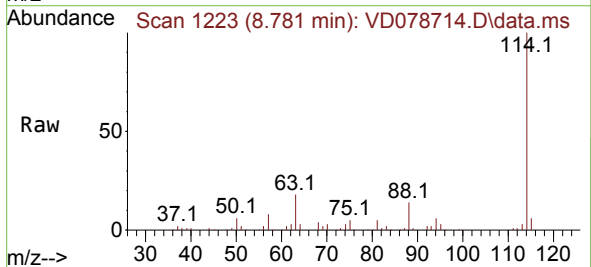
Instrument :
MSVOA_D
ClientSampleId :

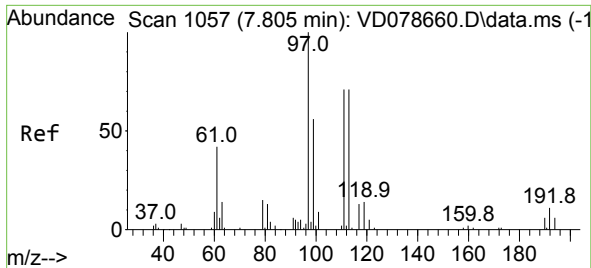
Tgt Ion: 65 Resp: 59338
Ion Ratio Lower Upper
65 100
67 52.4 0.0 110.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 1223
Delta R.T. 0.006 min
Lab File: VD078714.D
Acq: 20 Mar 2024 11:32

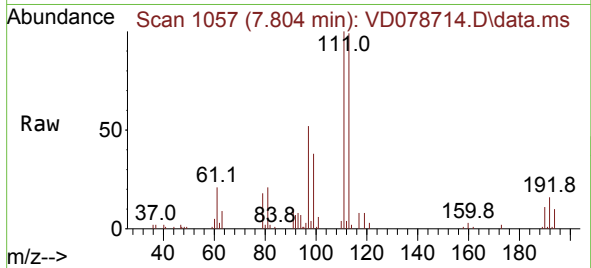
Tgt Ion:114 Resp: 203341
Ion Ratio Lower Upper
114 100
63 17.6 0.0 33.4
88 14.2 0.0 24.6



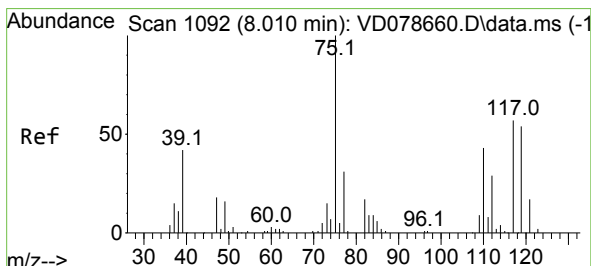
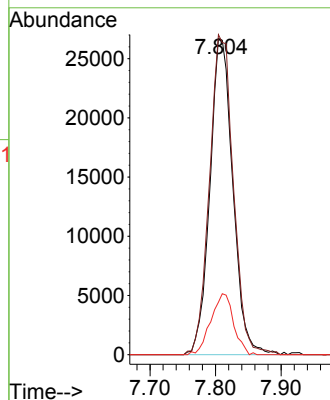
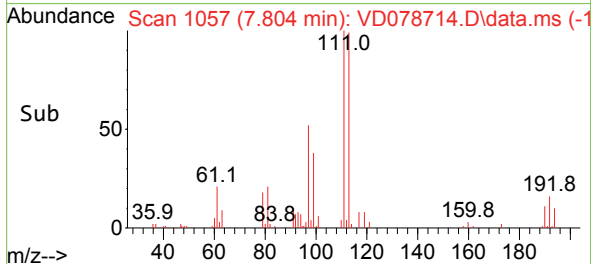


#35
Dibromofluoromethane
Concen: 49.664 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD078714.D
Acq: 20 Mar 2024 11:32

Instrument :
MSVOA_D
ClientSampleId :

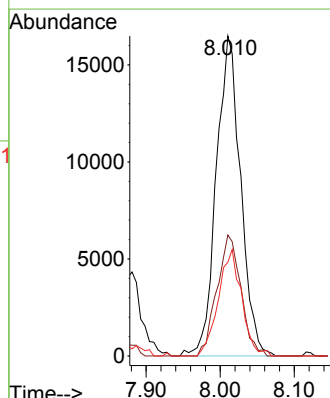
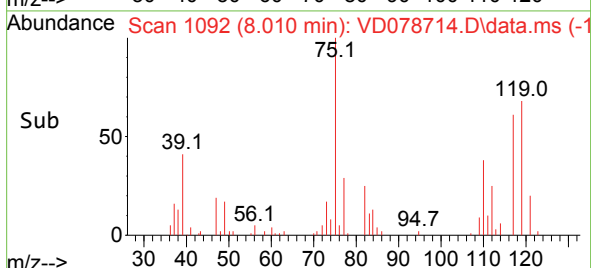
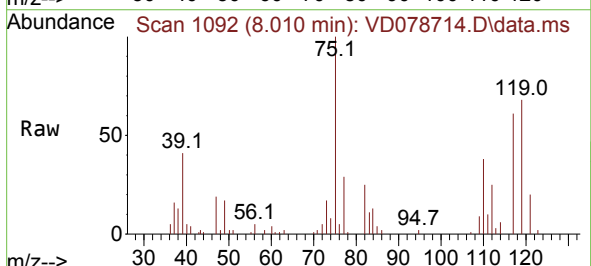


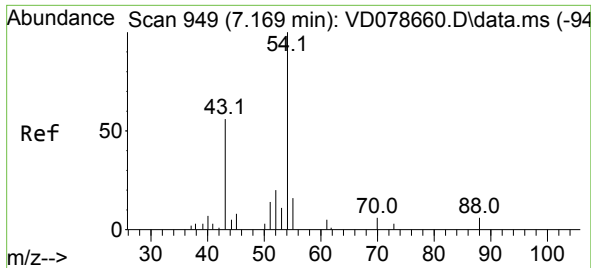
Tgt Ion:113 Resp: 65021
Ion Ratio Lower Upper
113 100
111 105.0 81.9 122.9
192 19.0 15.4 23.0



#36
1,1-Dichloropropene
Concen: 19.783 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VD078714.D
Acq: 20 Mar 2024 11:32

Tgt Ion: 75 Resp: 37580
Ion Ratio Lower Upper
75 100
110 37.3 19.1 57.1
77 31.9 25.4 38.2





#37

Ethyl Acetate

Concen: 19.650 ug/l

RT: 7.175 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD078714.D

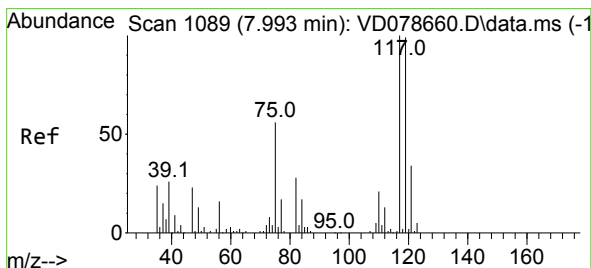
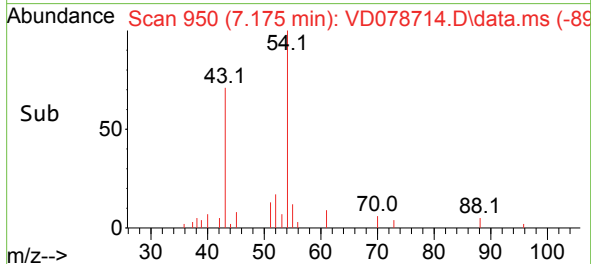
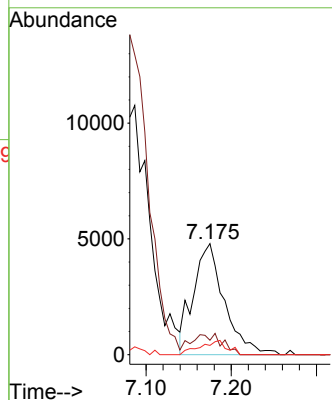
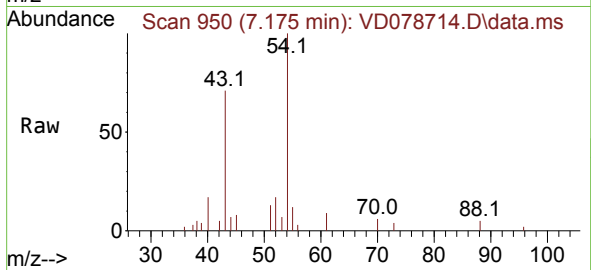
Acq: 20 Mar 2024 11:32

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 43	Resp: 12194
Ion Ratio	Lower Upper
43	100
61	18.5 14.6 21.8
70	11.0 9.4 14.0



#38

Carbon Tetrachloride

Concen: 20.027 ug/l

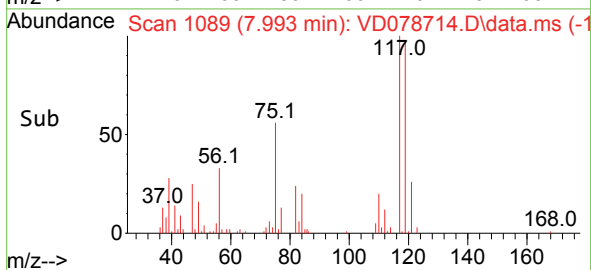
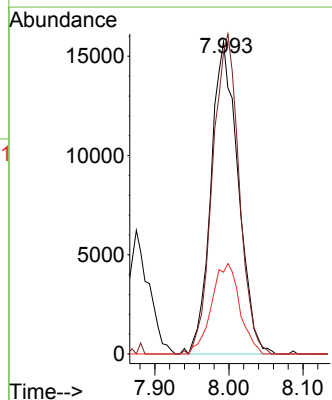
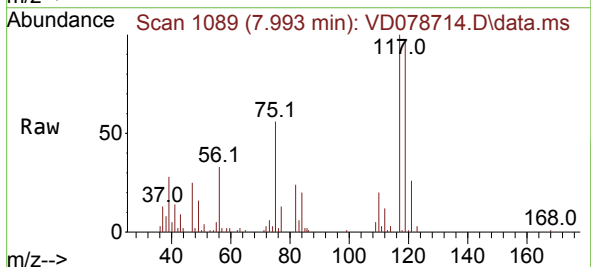
RT: 7.993 min Scan# 1089

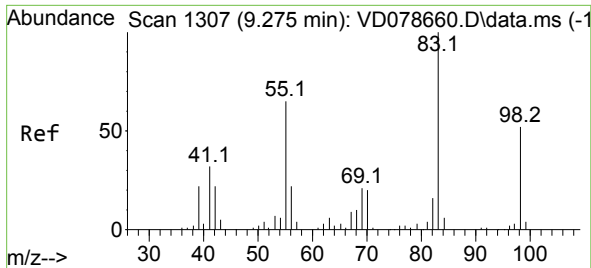
Delta R.T. -0.000 min

Lab File: VD078714.D

Acq: 20 Mar 2024 11:32

Tgt Ion: 117	Resp: 40106
Ion Ratio	Lower Upper
117	100
119	96.6 79.2 118.8
121	26.2 26.8 40.2#

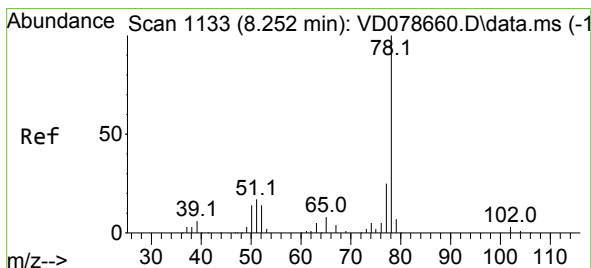
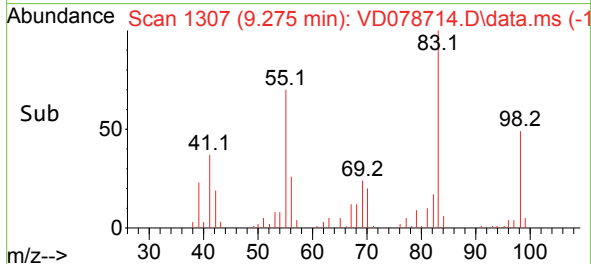
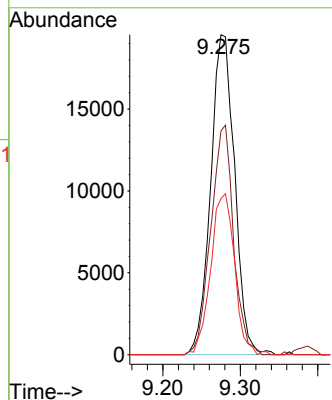
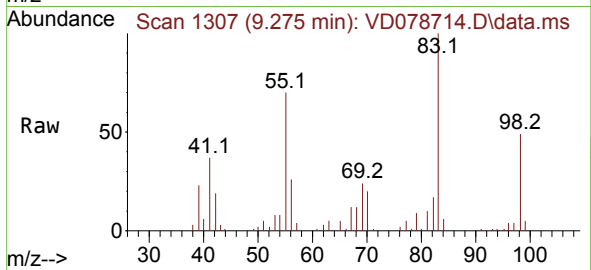




#39
Methylcyclohexane
Concen: 19.083 ug/l
RT: 9.275 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD078714.D
Acq: 20 Mar 2024 11:32

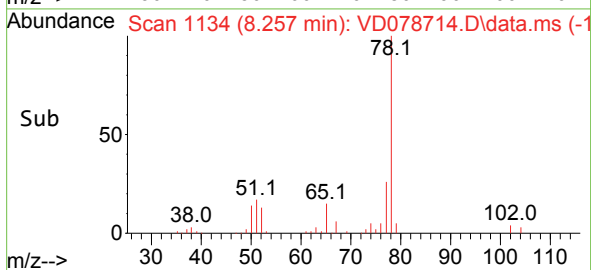
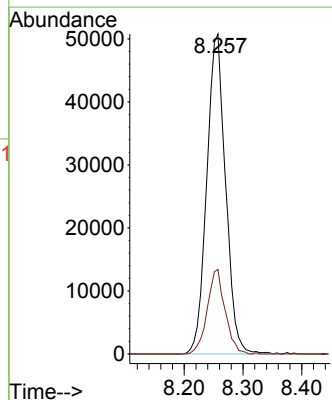
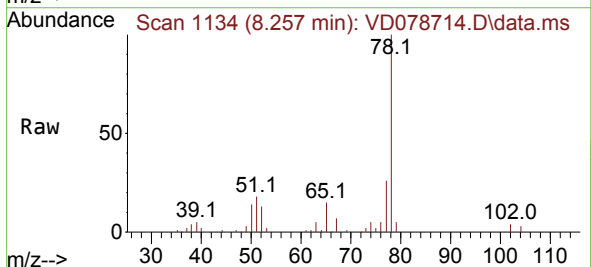
Instrument :
MSVOA_D
ClientSampleId :

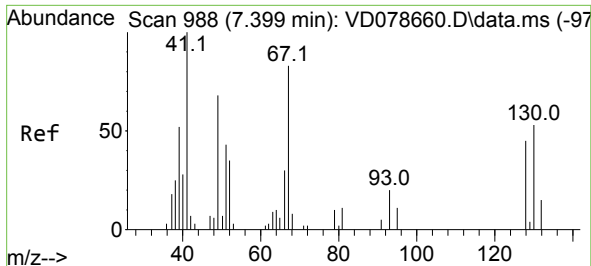
Tgt Ion: 83 Resp: 42051
Ion Ratio Lower Upper
83 100
55 69.9 51.7 77.5
98 48.8 41.4 62.0



#40
Benzene
Concen: 19.649 ug/l
RT: 8.257 min Scan# 1134
Delta R.T. 0.006 min
Lab File: VD078714.D
Acq: 20 Mar 2024 11:32

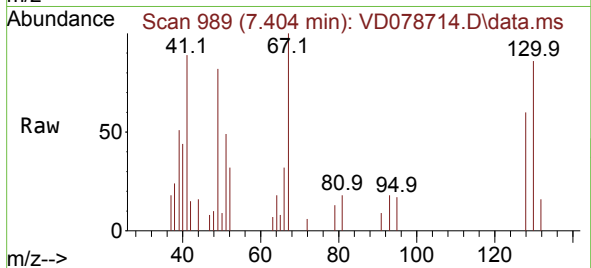
Tgt Ion: 78 Resp: 112827
Ion Ratio Lower Upper
78 100
77 26.4 20.4 30.6



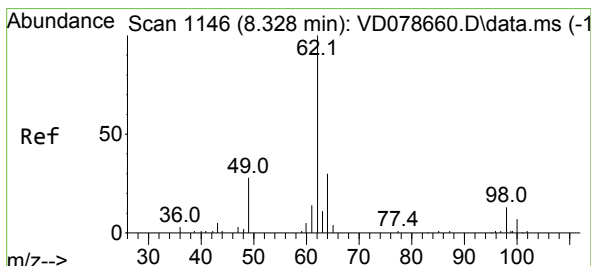
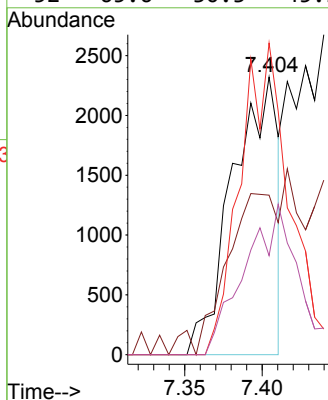
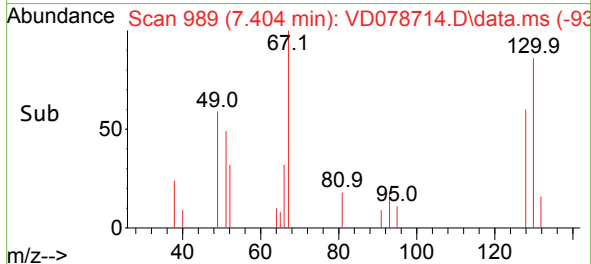


#41
Methacrylonitrile
Concen: 14.542 ug/l
RT: 7.404 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD078714.D
Acq: 20 Mar 2024 11:32

Instrument :
MSVOA_D
ClientSampleId :

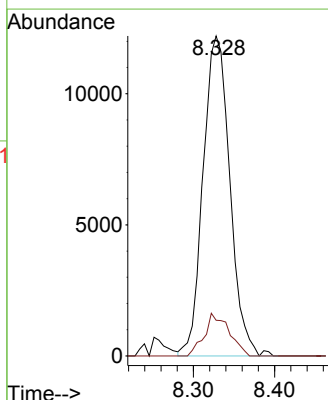
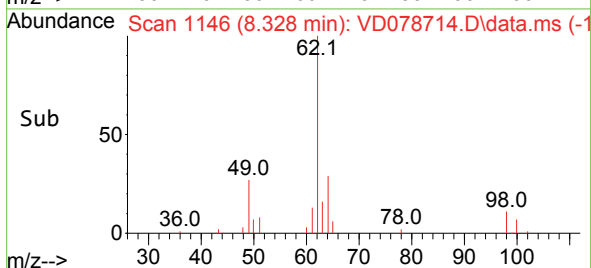
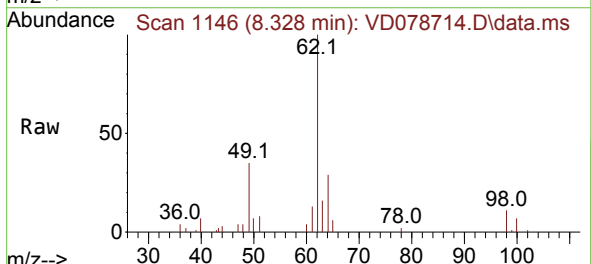


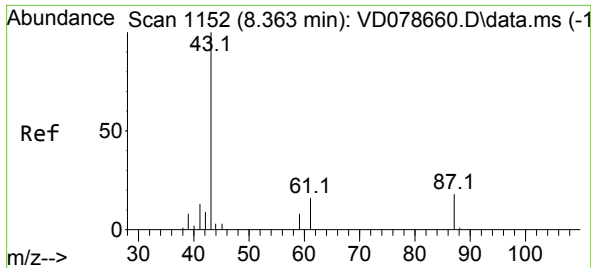
Tgt Ion: 41 Resp: 4729
Ion Ratio Lower Upper
41 100
39 66.7 39.8 59.6#
67 119.9 83.5 125.3
52 65.6 30.3 45.5#



#42
1,2-Dichloroethane
Concen: 19.977 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD078714.D
Acq: 20 Mar 2024 11:32

Tgt Ion: 62 Resp: 27975
Ion Ratio Lower Upper
62 100
98 12.3 0.0 23.8

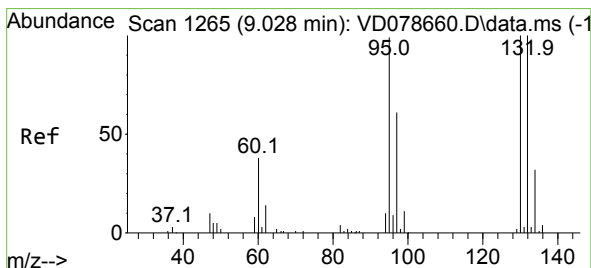
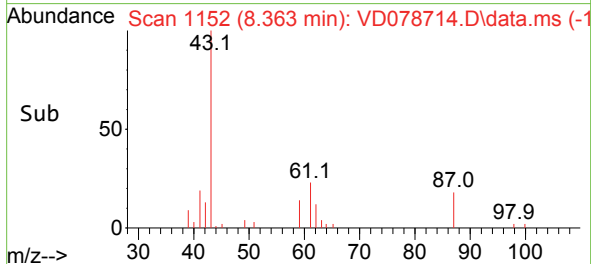
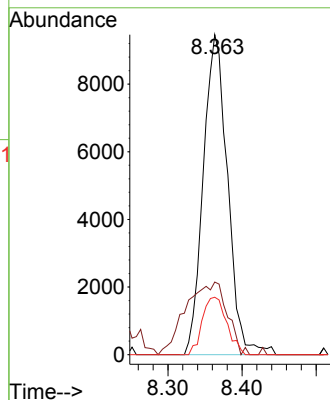
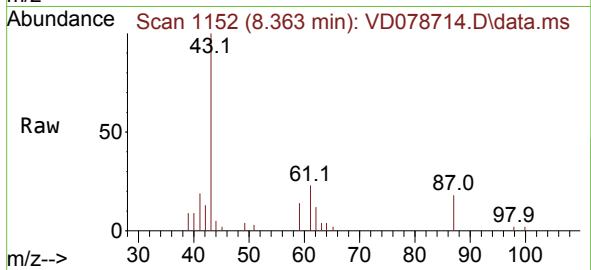




#43
Isopropyl Acetate
Concen: 19.132 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. -0.000 min
Lab File: VD078714.D
Acq: 20 Mar 2024 11:32

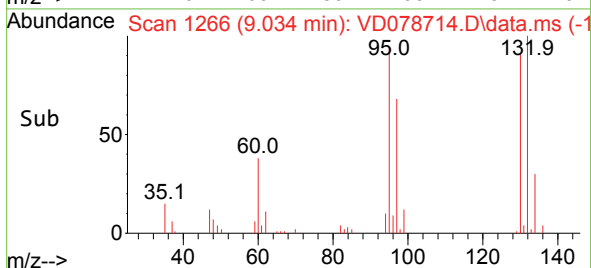
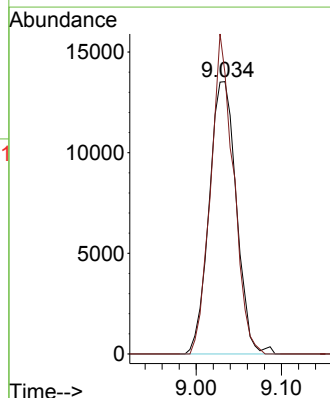
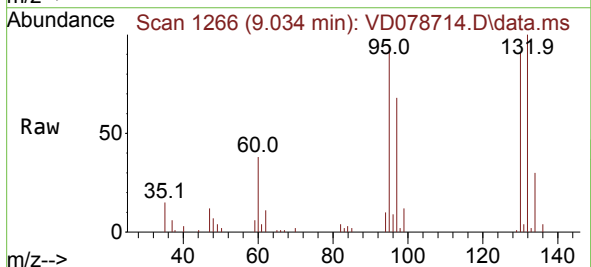
Instrument :
MSVOA_D
ClientSampleId :

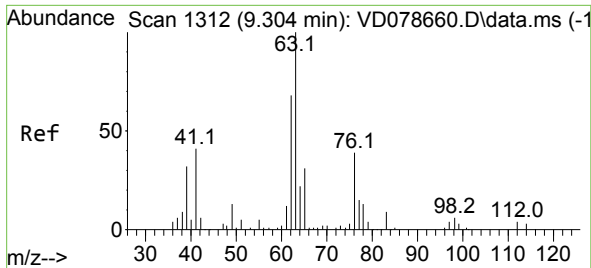
Tgt Ion: 43	Resp: 21592
Ion Ratio	Lower Upper
43	100
61	38.4 30.1 45.1
87	18.0 14.4 21.6



#44
Trichloroethene
Concen: 19.262 ug/l
RT: 9.034 min Scan# 1266
Delta R.T. 0.006 min
Lab File: VD078714.D
Acq: 20 Mar 2024 11:32

Tgt Ion: 130	Resp: 30017
Ion Ratio	Lower Upper
130	100
95	103.0 0.0 197.8

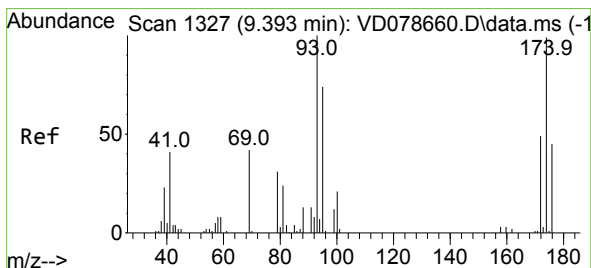
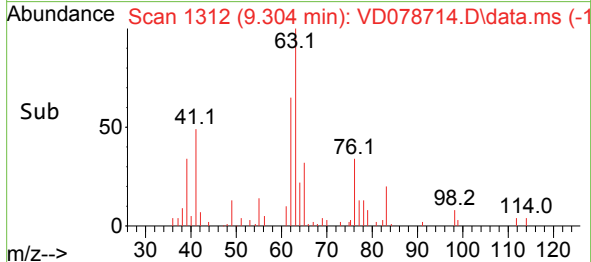
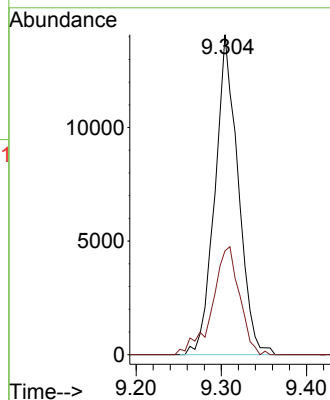
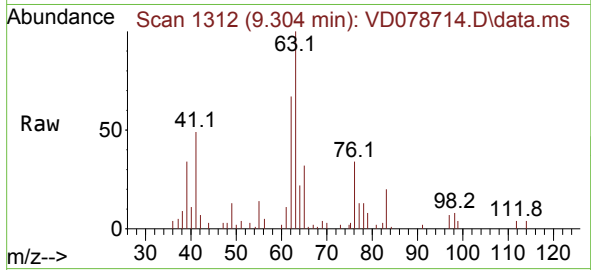




#45
1,2-Dichloropropane
Concen: 19.575 ug/l
RT: 9.304 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078714.D
Acq: 20 Mar 2024 11:32

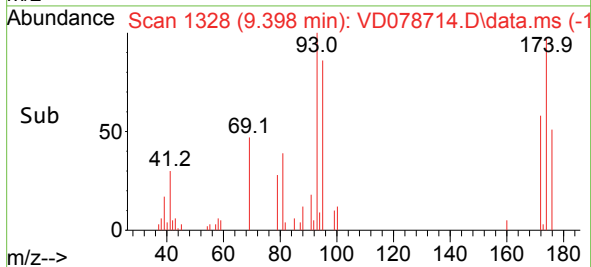
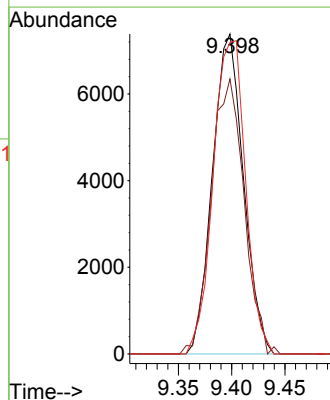
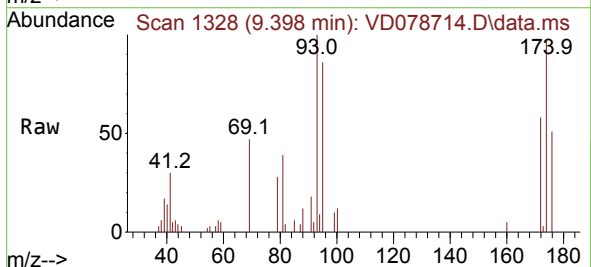
Instrument :
MSVOA_D
ClientSampleId :

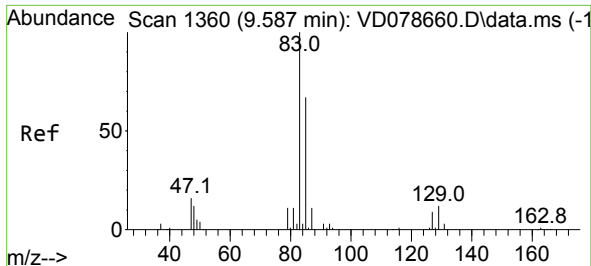
Tgt Ion: 63 Resp: 26664
Ion Ratio Lower Upper
63 100
65 32.4 24.8 37.2



#46
Dibromomethane
Concen: 18.305 ug/l
RT: 9.398 min Scan# 1328
Delta R.T. 0.006 min
Lab File: VD078714.D
Acq: 20 Mar 2024 11:32

Tgt Ion: 93 Resp: 14947
Ion Ratio Lower Upper
93 100
95 91.0 67.3 100.9
174 102.3 80.9 121.3

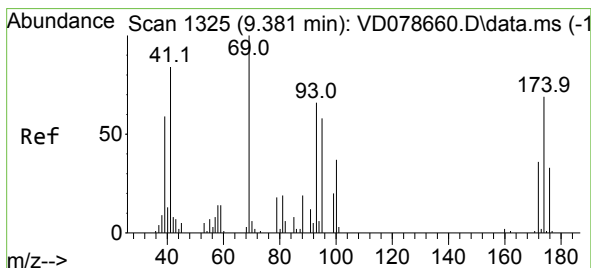
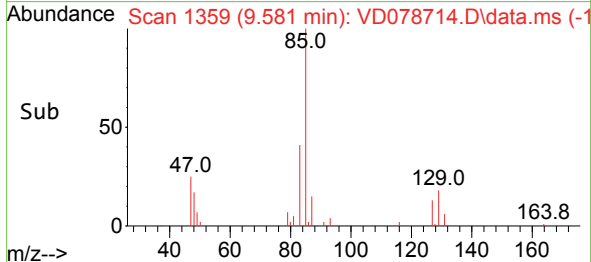
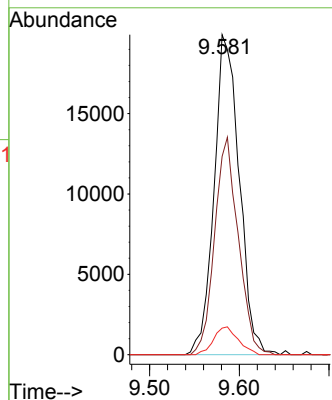
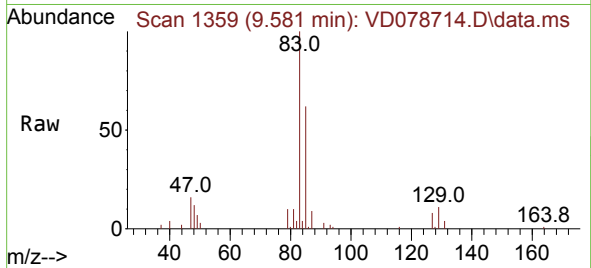




#47
Bromodichloromethane
Concen: 19.964 ug/l
RT: 9.581 min Scan# 1359
Delta R.T. -0.006 min
Lab File: VD078714.D
Acq: 20 Mar 2024 11:32

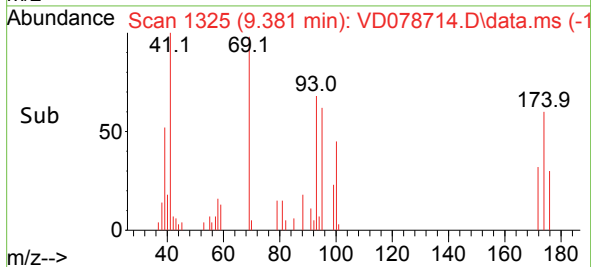
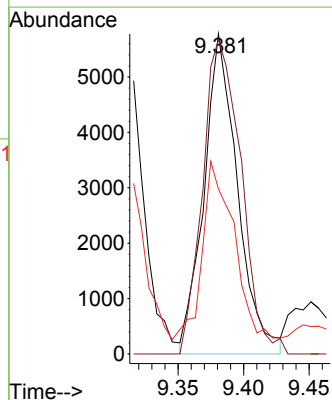
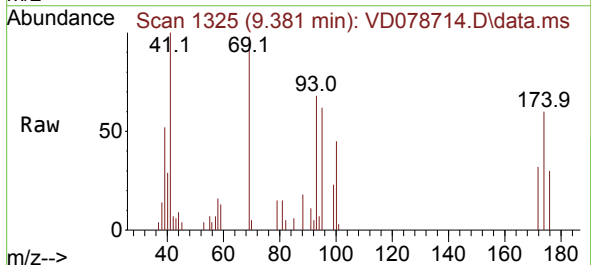
Instrument :
MSVOA_D
ClientSampleId :

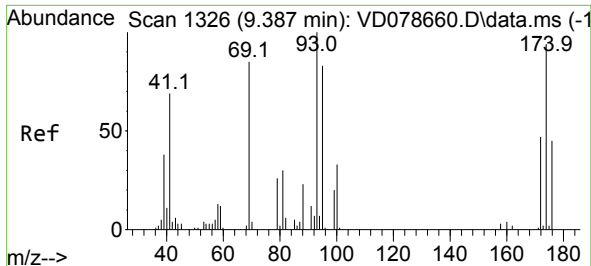
Tgt Ion: 83 Resp: 38807
Ion Ratio Lower Upper
83 100
85 61.9 54.0 81.0
127 8.3 7.1 10.7



#48
Methyl methacrylate
Concen: 18.685 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD078714.D
Acq: 20 Mar 2024 11:32

Tgt Ion: 41 Resp: 10275
Ion Ratio Lower Upper
41 100
69 112.5 88.3 132.5
39 64.0 46.6 69.8





#49

1,4-Dioxane

Concen: 356.069 ug/l

RT: 9.387 min Scan# 11

Delta R.T. -0.000 min

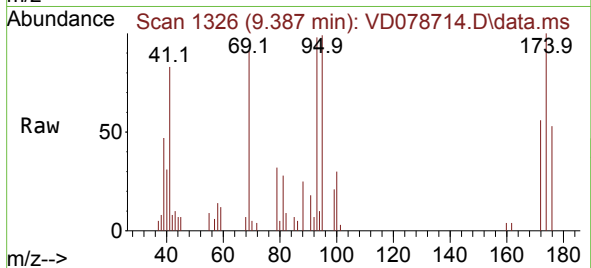
Lab File: VD078714.D

Acq: 20 Mar 2024 11:32

Instrument :

MSVOA_D

ClientSampleId :



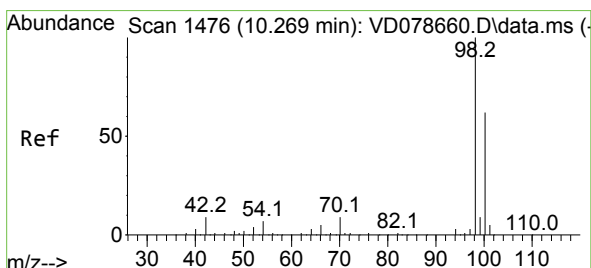
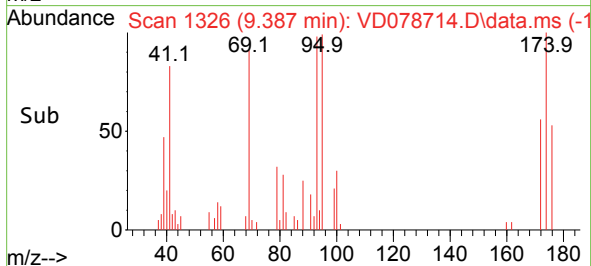
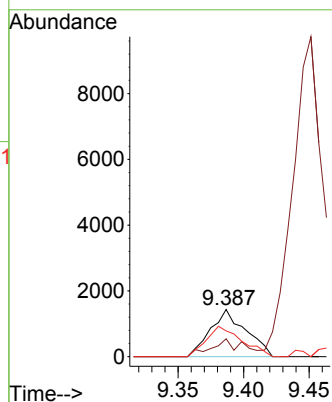
Tgt Ion: 88 Resp: 2692

Ion Ratio Lower Upper

88 100

43 33.9 23.2 34.8

58 64.7 51.0 76.6



#50

Toluene-d8

Concen: 53.915 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD078714.D

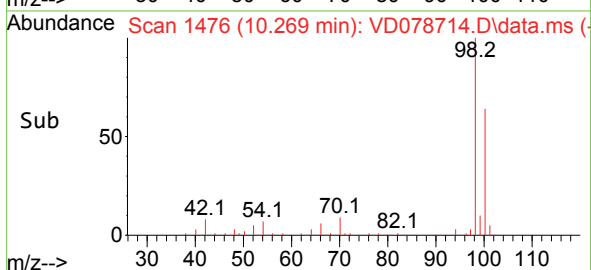
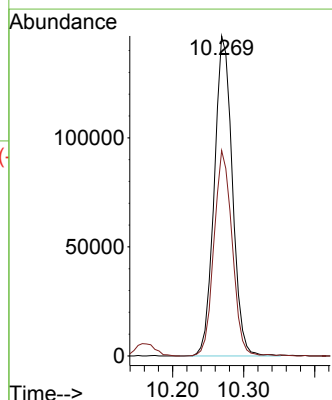
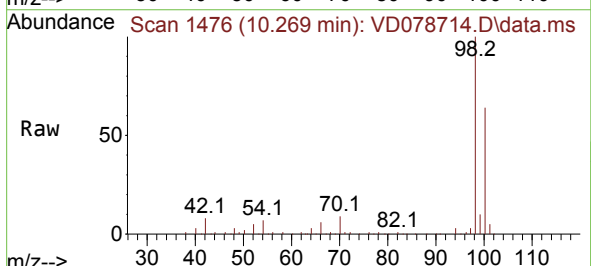
Acq: 20 Mar 2024 11:32

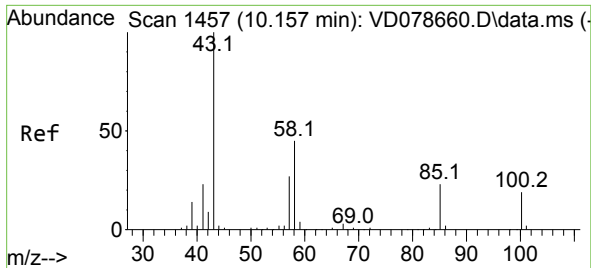
Tgt Ion: 98 Resp: 259594

Ion Ratio Lower Upper

98 100

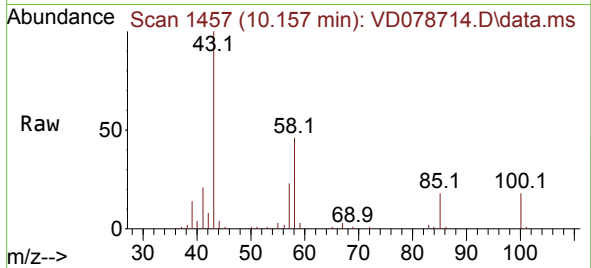
100 64.5 50.5 75.7



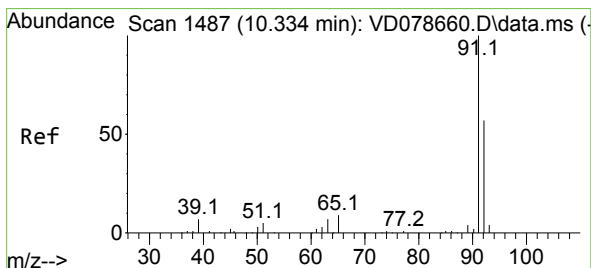
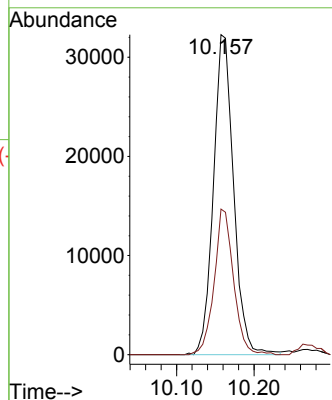
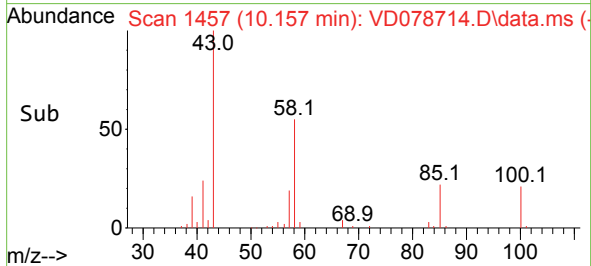


#51
4-Methyl-2-Pentanone
Concen: 98.965 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD078714.D
Acq: 20 Mar 2024 11:32

Instrument :
MSVOA_D
ClientSampleId :

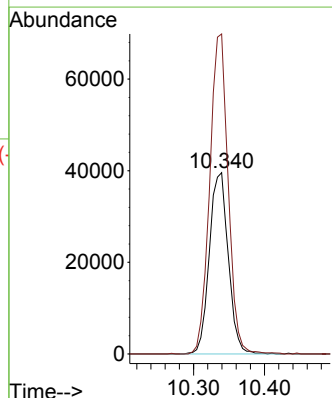
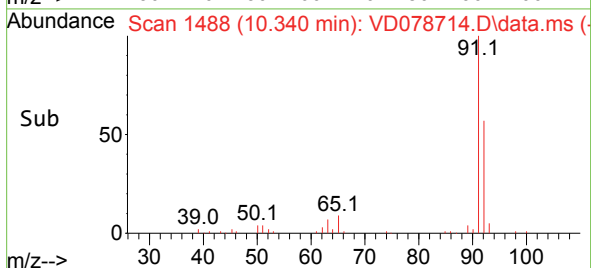
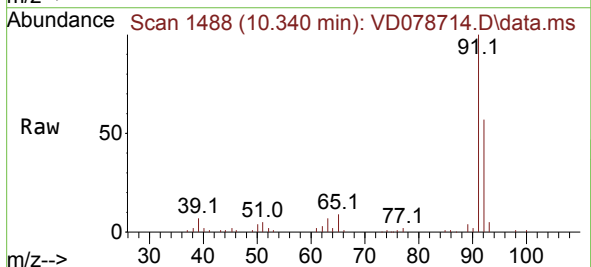


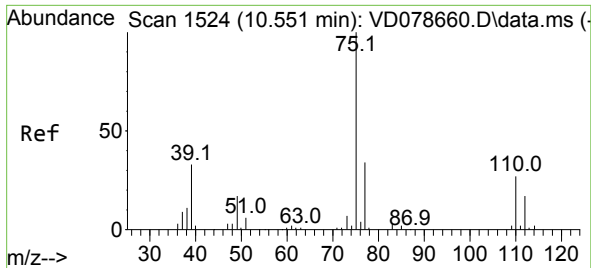
Tgt Ion: 43 Resp: 58390
Ion Ratio Lower Upper
43 100
58 43.8 36.4 54.6



#52
Toluene
Concen: 19.835 ug/l
RT: 10.340 min Scan# 1488
Delta R.T. 0.006 min
Lab File: VD078714.D
Acq: 20 Mar 2024 11:32

Tgt Ion: 92 Resp: 73326
Ion Ratio Lower Upper
92 100
91 171.9 136.6 205.0

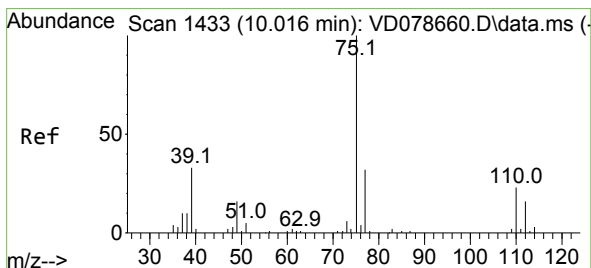
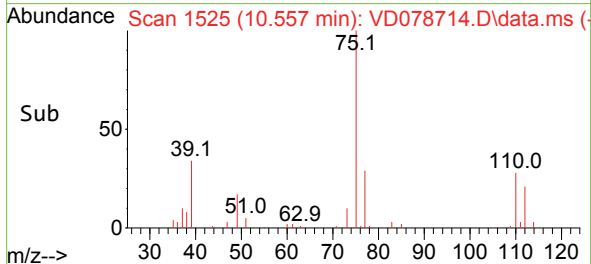
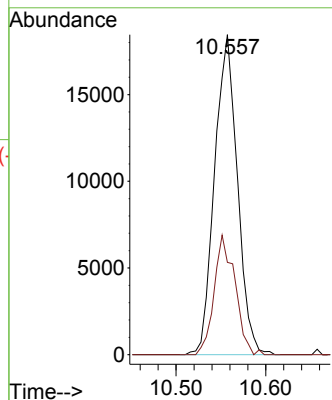
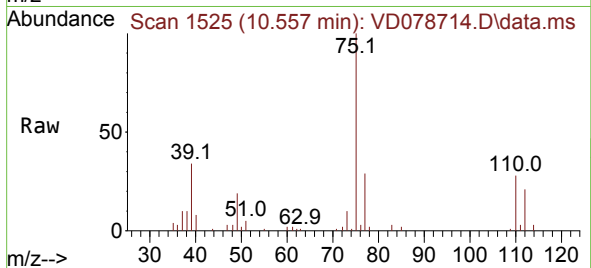




#53
t-1,3-Dichloropropene
Concen: 18.308 ug/l
RT: 10.557 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD078714.D
Acq: 20 Mar 2024 11:32

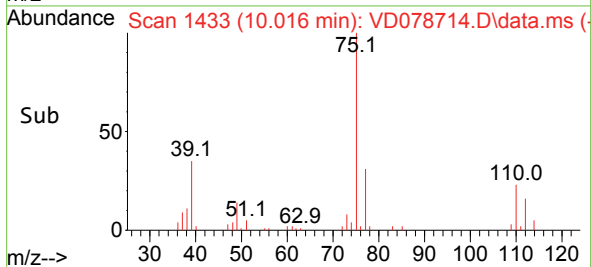
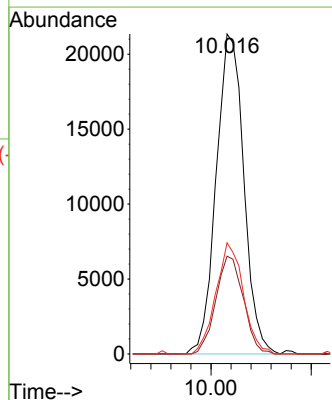
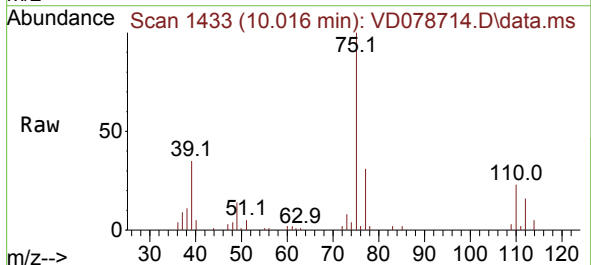
Instrument :
MSVOA_D
ClientSampleId :

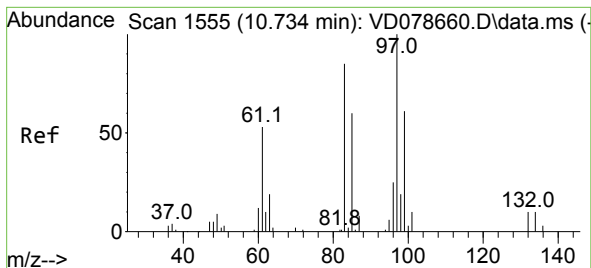
Tgt Ion: 75 Resp: 32539
Ion Ratio Lower Upper
75 100
77 28.8 27.1 40.7



#54
cis-1,3-Dichloropropene
Concen: 19.052 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD078714.D
Acq: 20 Mar 2024 11:32

Tgt Ion: 75 Resp: 40705
Ion Ratio Lower Upper
75 100
77 30.6 25.4 38.0
39 34.8 26.7 40.1





#55

1,1,2-Trichloroethane

Concen: 18.951 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VD078714.D

Acq: 20 Mar 2024 11:32

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 97 Resp: 20722

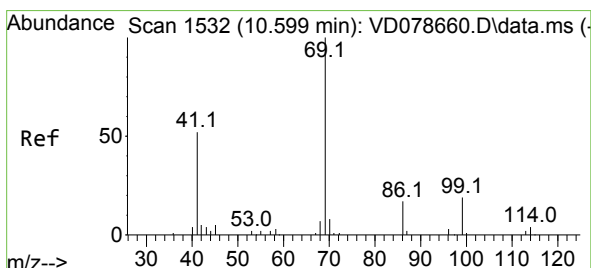
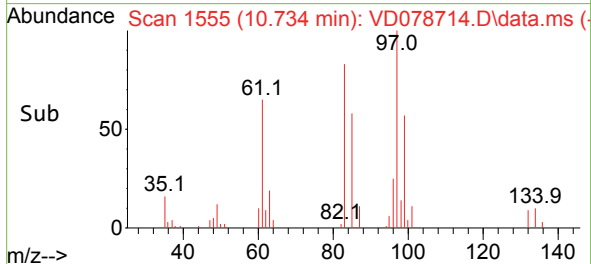
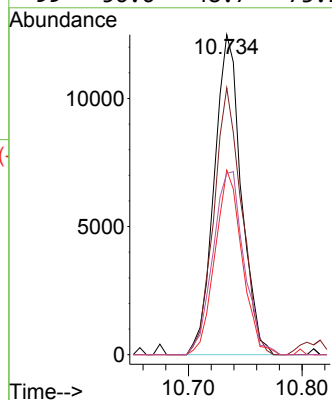
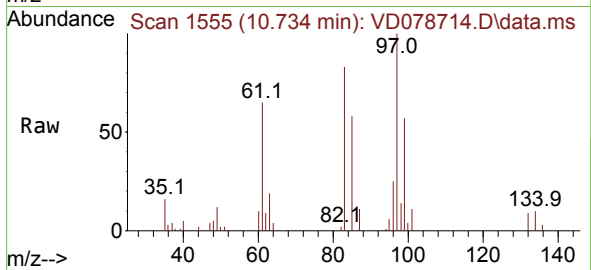
Ion Ratio Lower Upper

97 100

83 83.4 68.1 102.1

85 57.6 48.2 72.2

99 56.6 48.7 73.1



#56

Ethyl methacrylate

Concen: 17.692 ug/l

RT: 10.598 min Scan# 1532

Delta R.T. -0.000 min

Lab File: VD078714.D

Acq: 20 Mar 2024 11:32

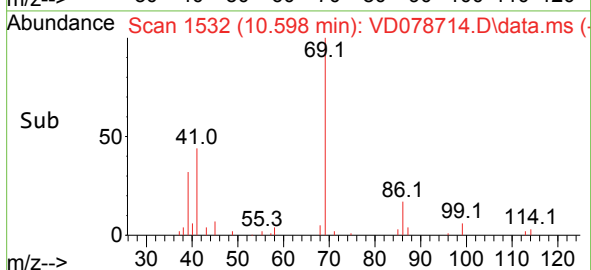
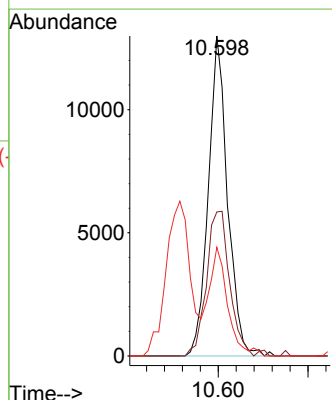
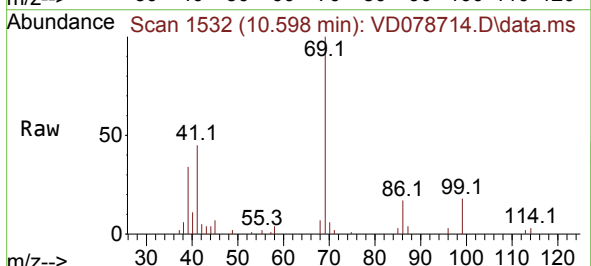
Tgt Ion: 69 Resp: 19393

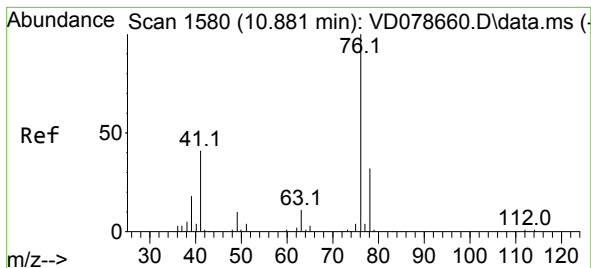
Ion Ratio Lower Upper

69 100

41 54.1 40.9 61.3

39 33.1 25.5 38.3





#57

1,3-Dichloropropane

Concen: 19.521 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD078714.D

Acq: 20 Mar 2024 11:32

Instrument :

MSVOA_D

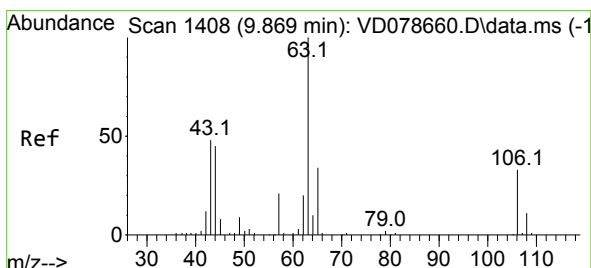
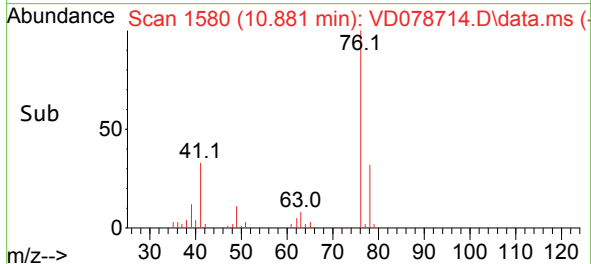
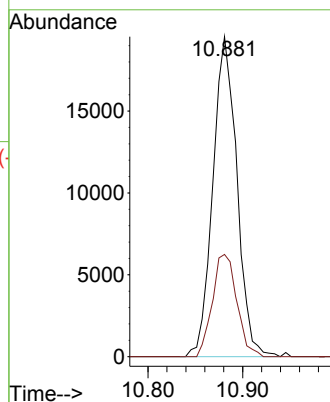
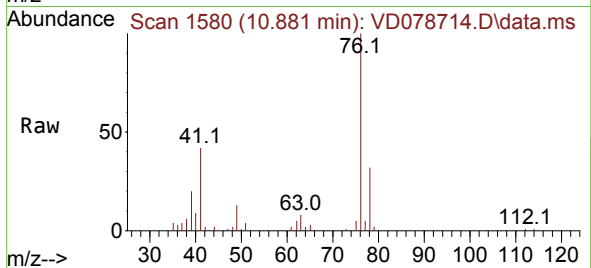
ClientSampleId :

Tgt Ion: 76 Resp: 34442

Ion Ratio Lower Upper

76 100

78 32.5 26.8 40.2



#58

2-Chloroethyl Vinyl ether

Concen: 96.683 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD078714.D

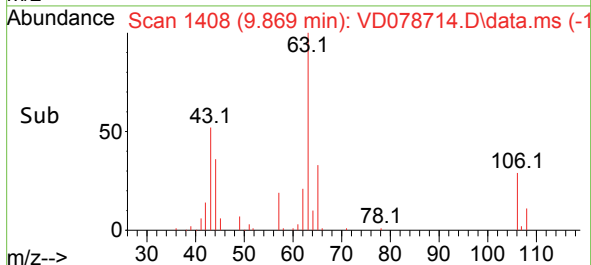
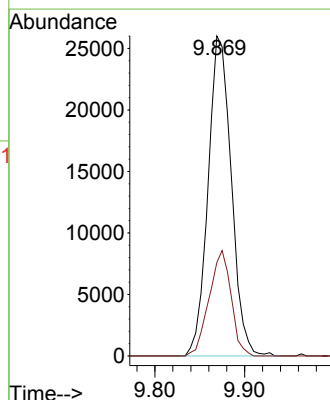
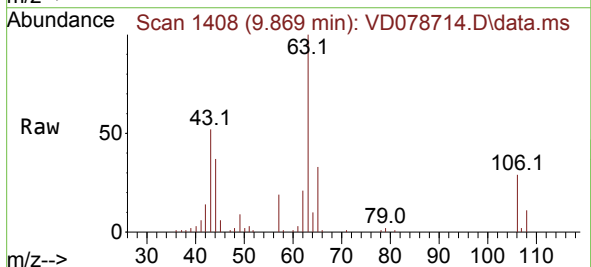
Acq: 20 Mar 2024 11:32

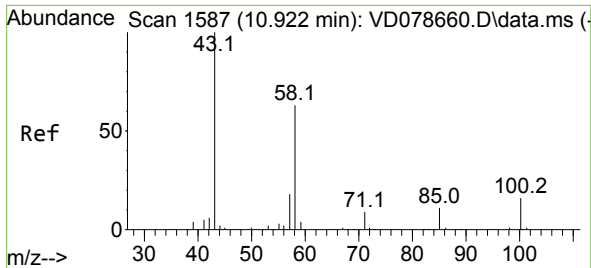
Tgt Ion: 63 Resp: 46731

Ion Ratio Lower Upper

63 100

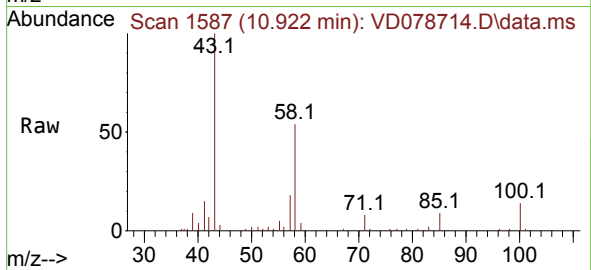
106 31.2 25.2 37.8



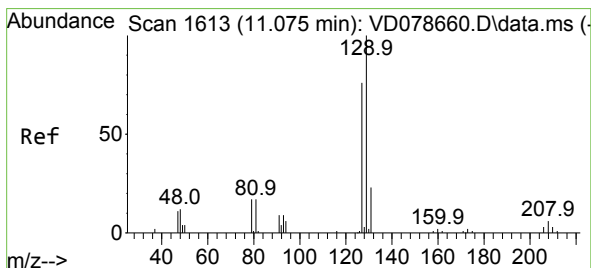
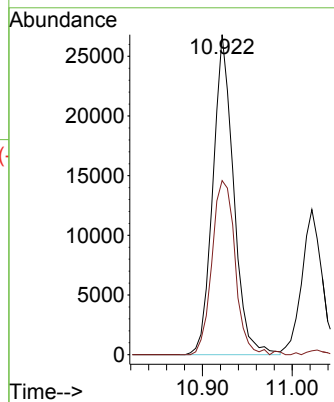
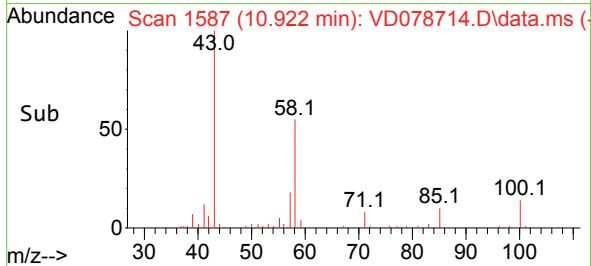


#59
2-Hexanone
Concen: 98.343 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD078714.D
Acq: 20 Mar 2024 11:32

Instrument :
MSVOA_D
ClientSampleId :

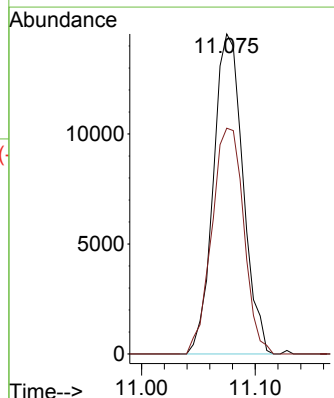
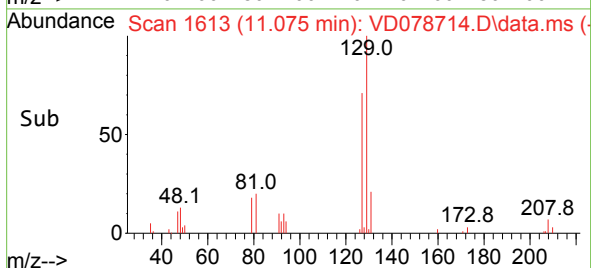
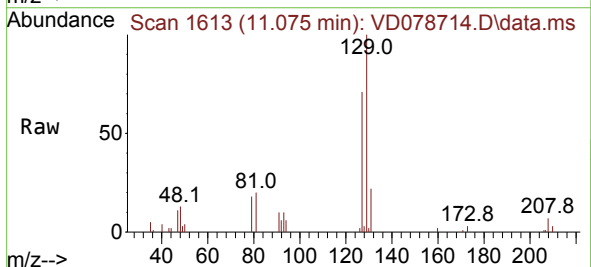


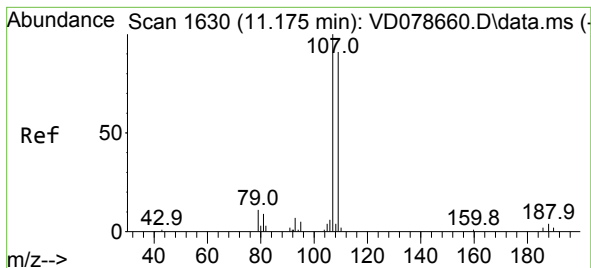
Tgt Ion: 43 Resp: 43013
Ion Ratio Lower Upper
43 100
58 60.4 31.5 94.5



#60
Dibromochloromethane
Concen: 19.538 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD078714.D
Acq: 20 Mar 2024 11:32

Tgt Ion:129 Resp: 26346
Ion Ratio Lower Upper
129 100
127 76.1 38.8 116.3





#61

1,2-Dibromoethane

Concen: 18.311 ug/l

RT: 11.181 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD078714.D

Acq: 20 Mar 2024 11:32

Instrument :

MSVOA_D

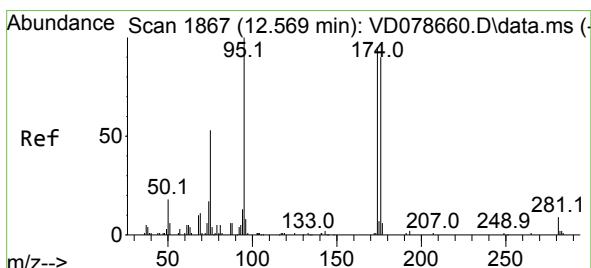
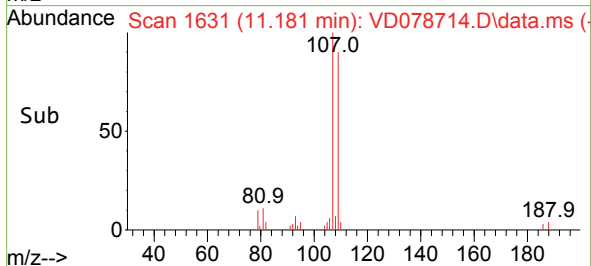
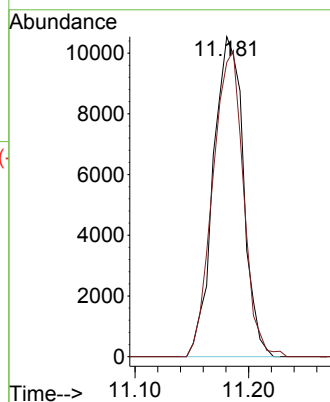
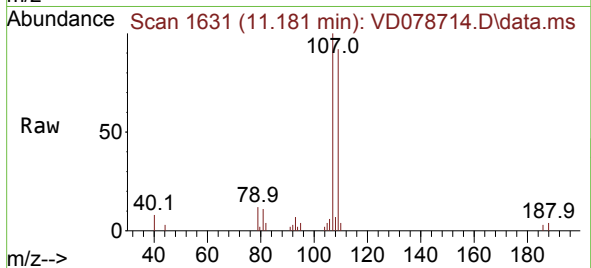
ClientSampleId :

Tgt Ion:107 Resp: 19377

Ion Ratio Lower Upper

107 100

109 97.3 74.8 112.2



#62

4-Bromofluorobenzene

Concen: 51.916 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. 0.006 min

Lab File: VD078714.D

Acq: 20 Mar 2024 11:32

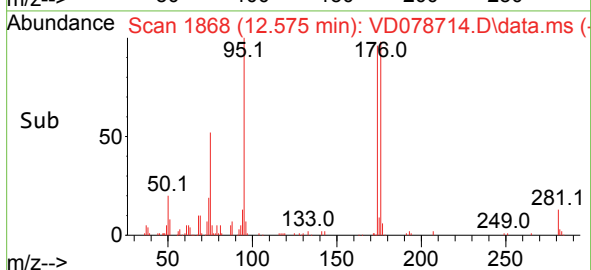
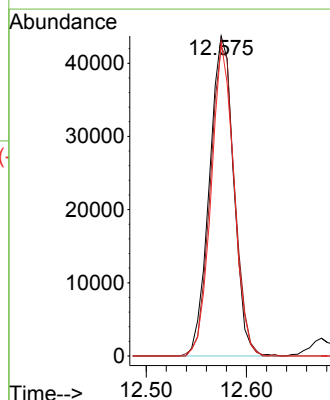
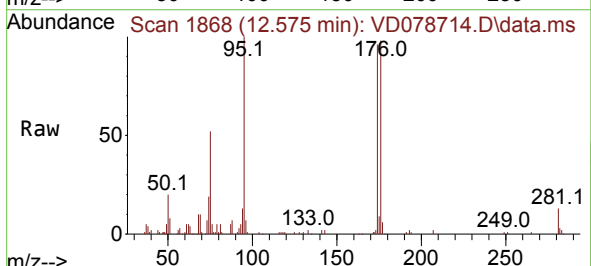
Tgt Ion: 95 Resp: 73129

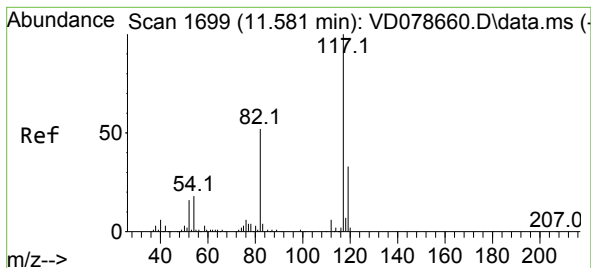
Ion Ratio Lower Upper

95 100

174 97.3 0.0 195.2

176 91.7 0.0 188.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.587 min Scan# 1

Delta R.T. 0.006 min

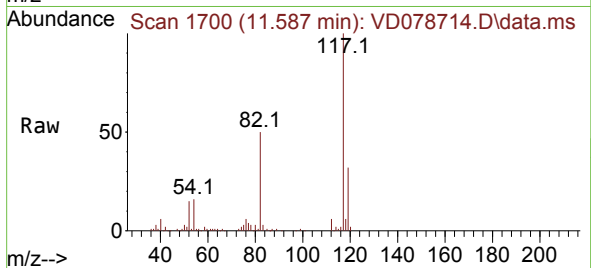
Lab File: VD078714.D

Acq: 20 Mar 2024 11:32

Instrument :

MSVOA_D

ClientSampleId :



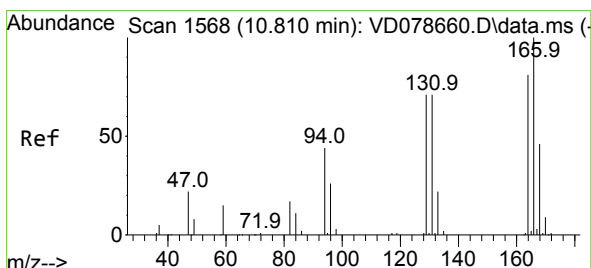
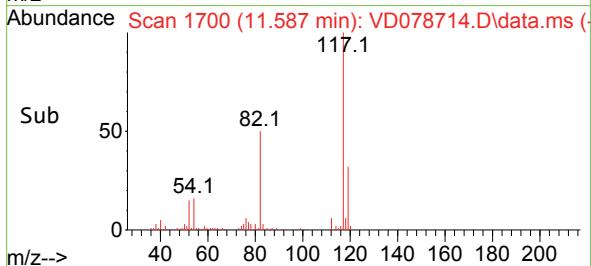
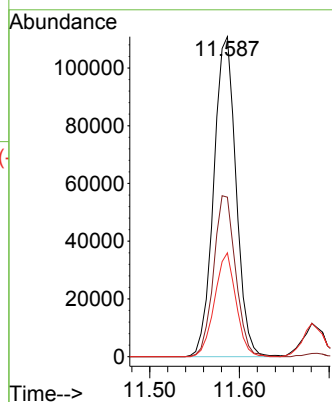
Tgt Ion:117 Resp: 191336

Ion Ratio Lower Upper

117 100

82 49.8 41.4 62.2

119 32.4 26.5 39.7



#64

Tetrachloroethene

Concen: 19.439 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. -0.000 min

Lab File: VD078714.D

Acq: 20 Mar 2024 11:32

Tgt Ion:164 Resp: 24613

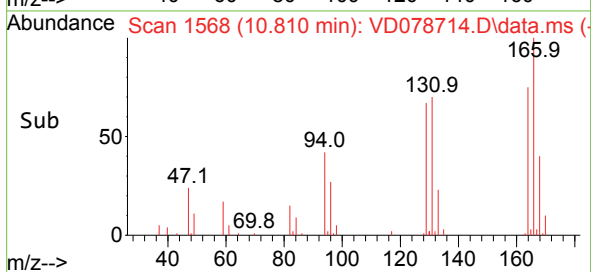
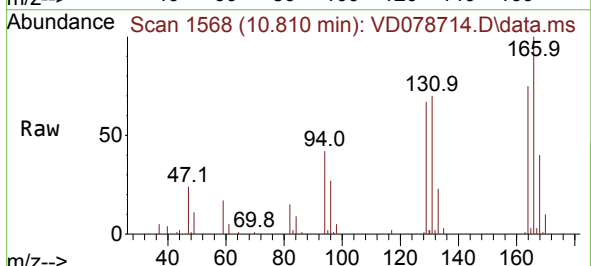
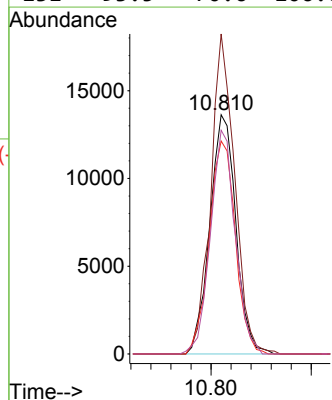
Ion Ratio Lower Upper

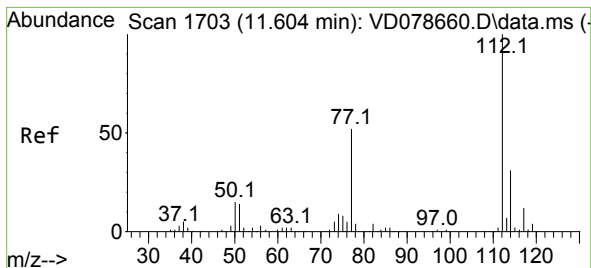
164 100

166 133.8 98.9 148.3

129 89.0 70.3 105.5

131 93.5 70.6 106.0





#65

Chlorobenzene

Concen: 19.127 ug/l

RT: 11.610 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD078714.D

Acq: 20 Mar 2024 11:32

Instrument :

MSVOA_D

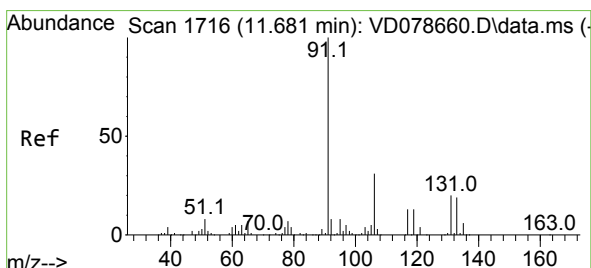
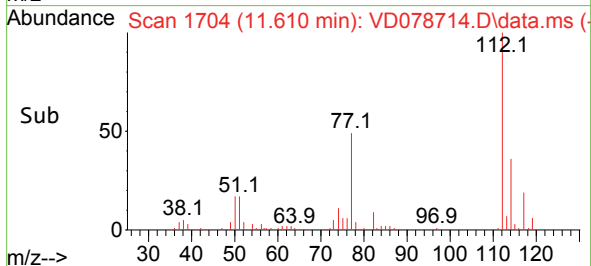
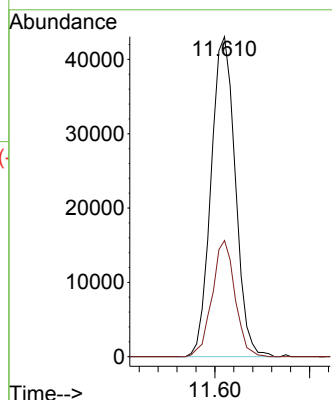
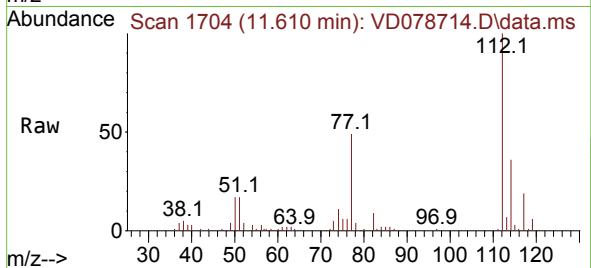
ClientSampleId :

Tgt Ion:112 Resp: 76474

Ion Ratio Lower Upper

112 100

114 36.3 25.0 37.6



#66

1,1,1,2-Tetrachloroethane

Concen: 19.924 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD078714.D

Acq: 20 Mar 2024 11:32

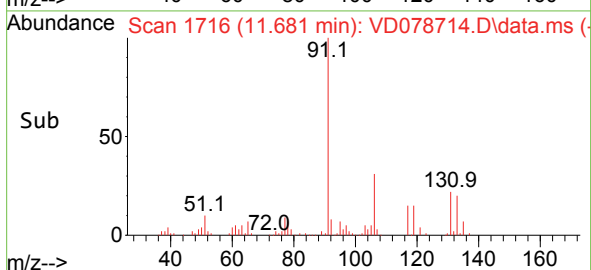
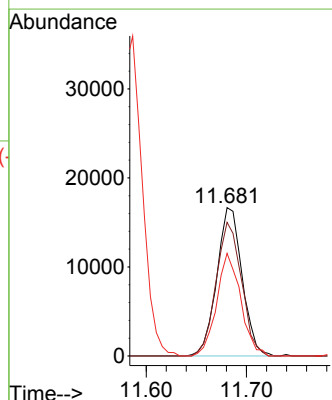
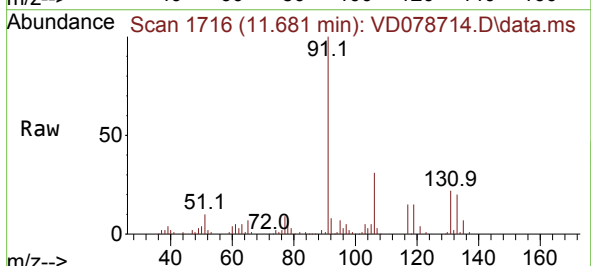
Tgt Ion:131 Resp: 29175

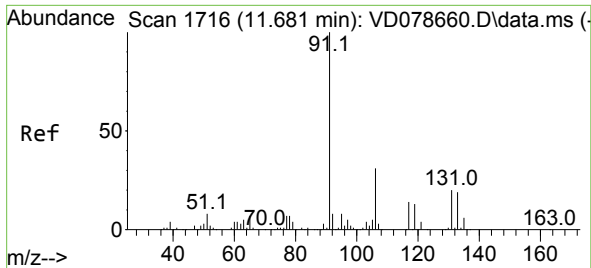
Ion Ratio Lower Upper

131 100

133 90.4 47.6 142.9

119 65.6 34.1 102.3

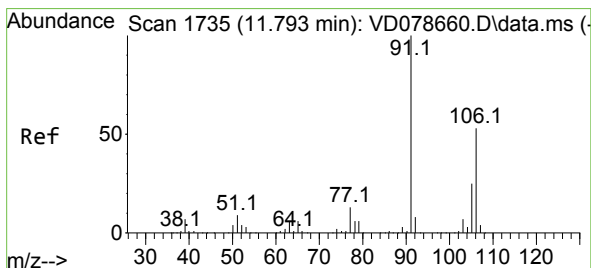
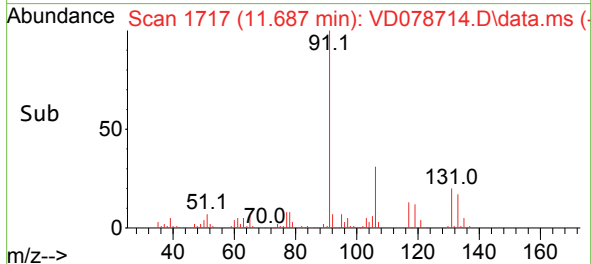
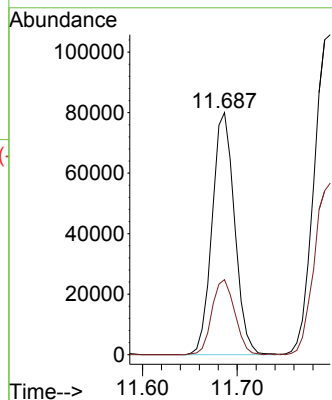
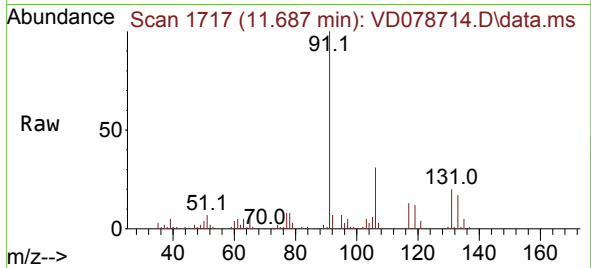




#67
Ethyl Benzene
Concen: 19.324 ug/l
RT: 11.687 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VD078714.D
Acq: 20 Mar 2024 11:32

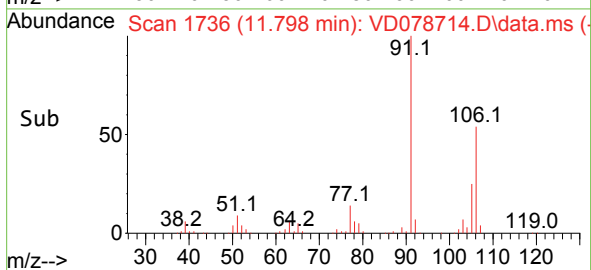
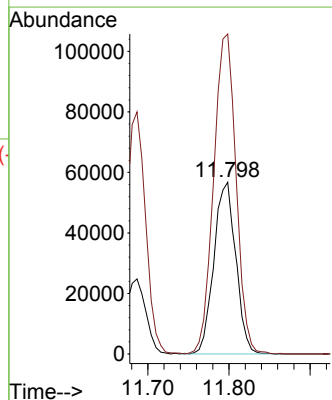
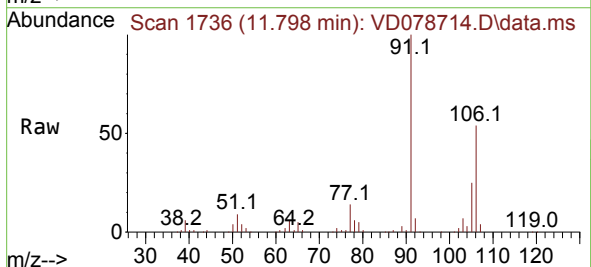
Instrument :
MSVOA_D
ClientSampleId :

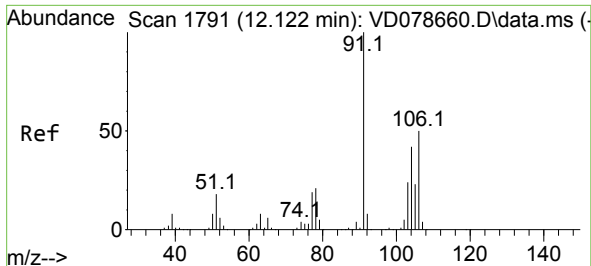
Tgt Ion: 91 Resp: 131661
Ion Ratio Lower Upper
91 100
106 31.0 24.5 36.7



#68
m/p-Xylenes
Concen: 38.515 ug/l
RT: 11.798 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VD078714.D
Acq: 20 Mar 2024 11:32

Tgt Ion:106 Resp: 106559
Ion Ratio Lower Upper
106 100
91 190.3 154.4 231.6

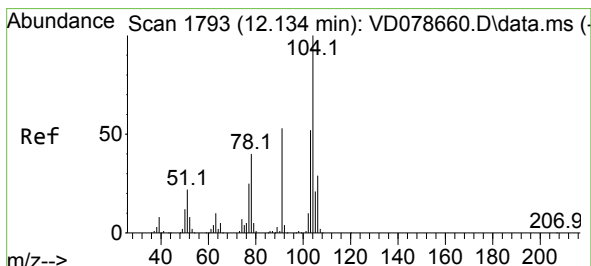
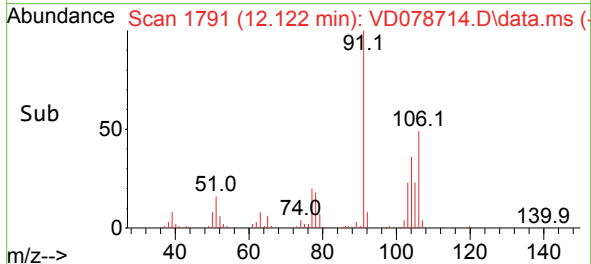
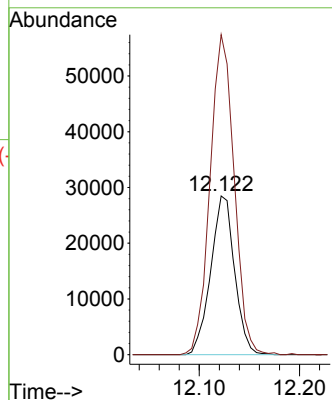
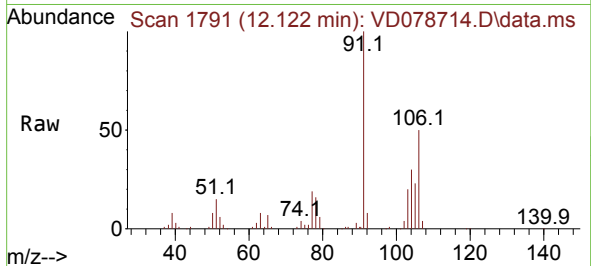




#69
o-Xylene
Concen: 18.377 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD078714.D
Acq: 20 Mar 2024 11:32

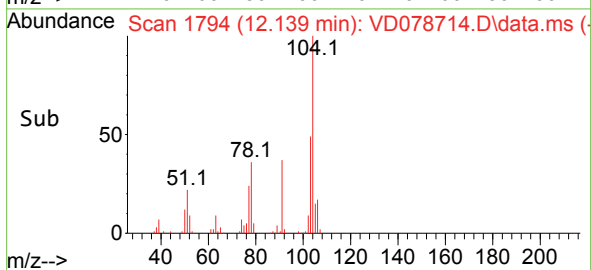
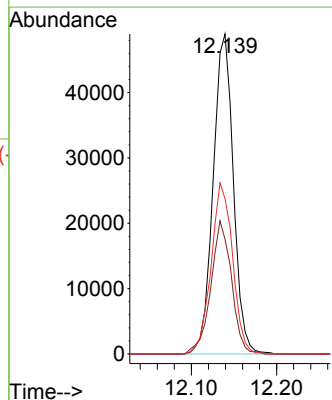
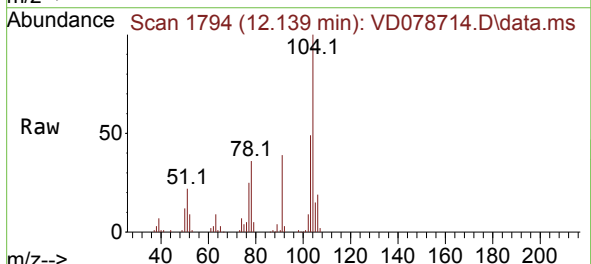
Instrument :
MSVOA_D
ClientSampleId :

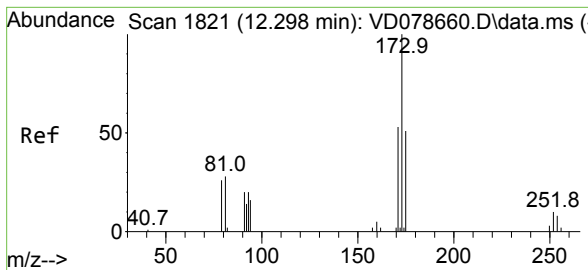
Tgt Ion:106 Resp: 47042
Ion Ratio Lower Upper
106 100
91 203.7 99.6 298.7



#70
Styrene
Concen: 18.793 ug/l
RT: 12.139 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VD078714.D
Acq: 20 Mar 2024 11:32

Tgt Ion:104 Resp: 80745
Ion Ratio Lower Upper
104 100
78 42.4 34.6 52.0
103 56.7 44.2 66.2





#71

Bromoform

Concen: 19.102 ug/l

RT: 12.304 min Scan# 1821

Delta R.T. 0.006 min

Lab File: VD078714.D

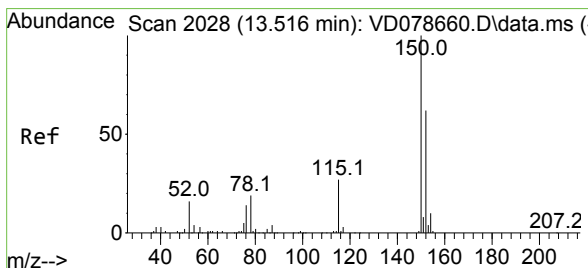
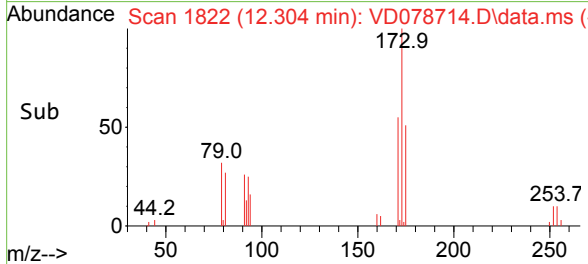
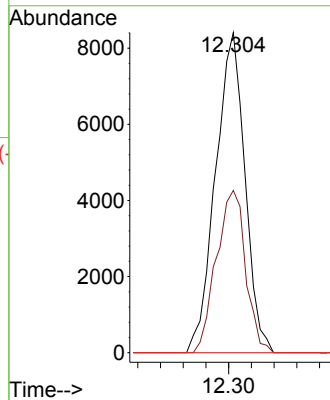
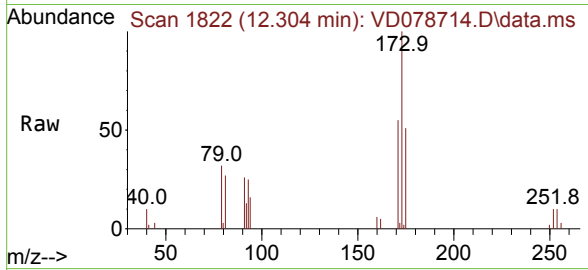
Acq: 20 Mar 2024 11:32

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:173	Resp:	15116
Ion Ratio	Lower	Upper
173	100	
175	50.4	25.8 77.4
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

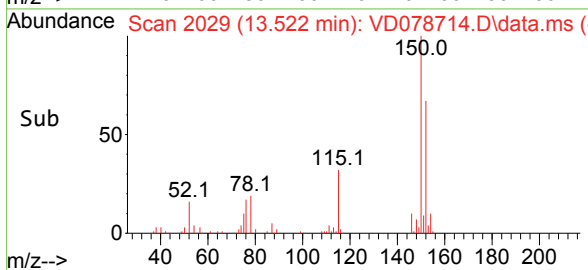
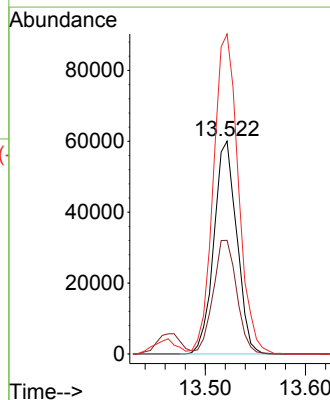
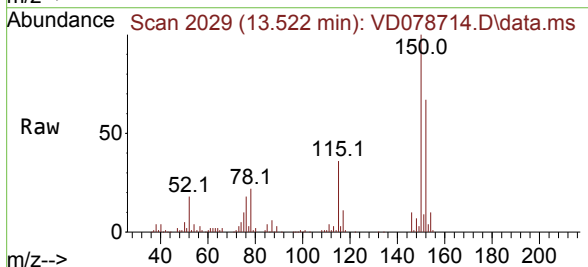
RT: 13.522 min Scan# 2029

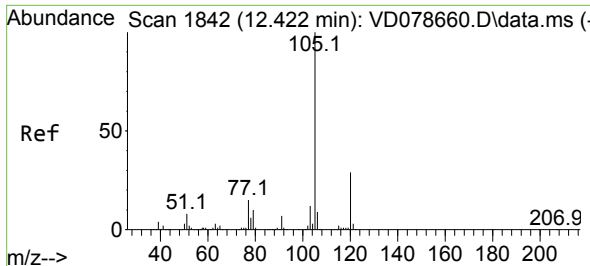
Delta R.T. 0.006 min

Lab File: VD078714.D

Acq: 20 Mar 2024 11:32

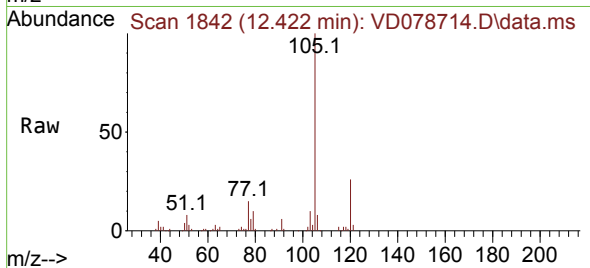
Tgt Ion:152	Resp:	95047
Ion Ratio	Lower	Upper
152	100	
115	55.1	27.1 81.2
150	164.3	0.0 350.2



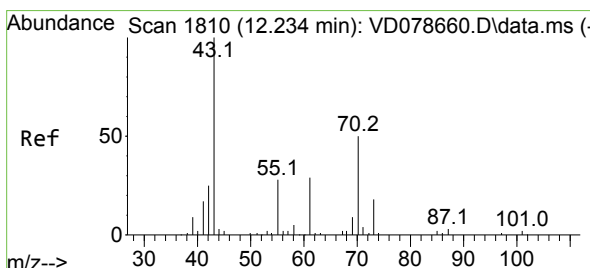
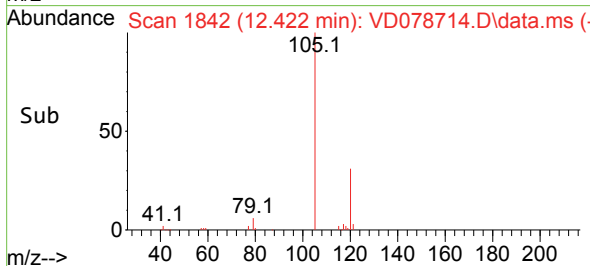
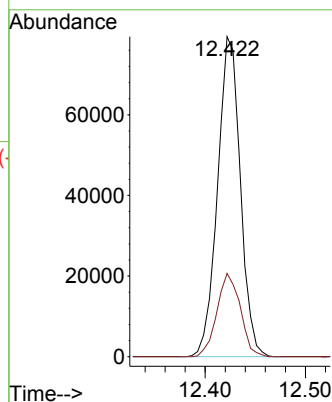


#73
Isopropylbenzene
Concen: 20.005 ug/l
RT: 12.422 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078714.D
Acq: 20 Mar 2024 11:32

Instrument :
MSVOA_D
ClientSampleId :

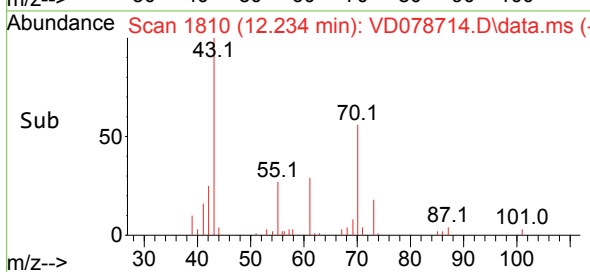
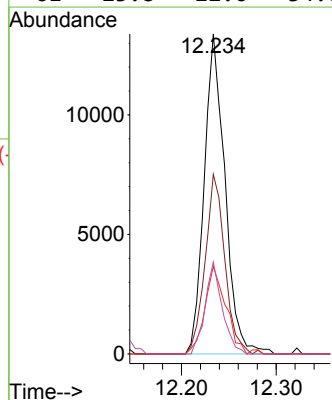
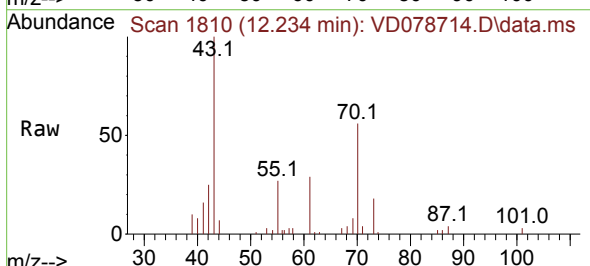


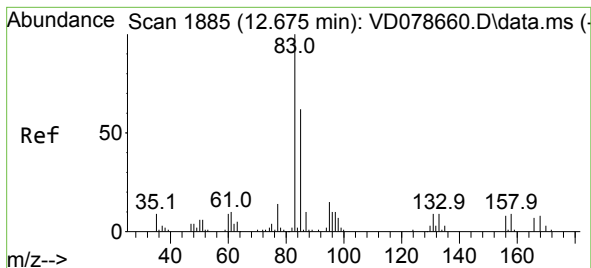
Tgt Ion:105 Resp: 125192
Ion Ratio Lower Upper
105 100
120 26.7 13.7 41.0



#74
N-ethyl acetate
Concen: 20.058 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD078714.D
Acq: 20 Mar 2024 11:32

Tgt Ion: 43 Resp: 20380
Ion Ratio Lower Upper
43 100
70 53.4 42.1 63.1
55 28.2 22.6 33.8
61 23.8 22.6 34.0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.004 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VD078714.D

Acq: 20 Mar 2024 11:32

Instrument :

MSVOA_D

ClientSampleId :

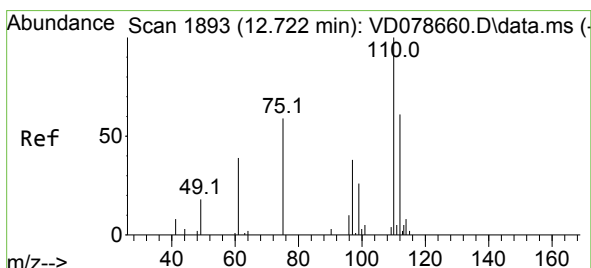
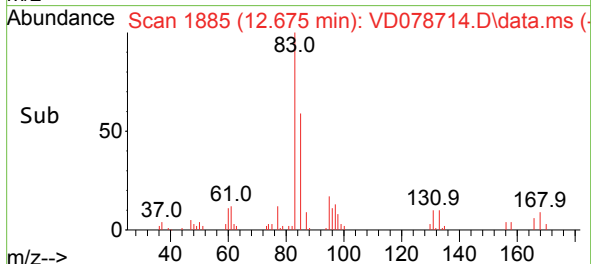
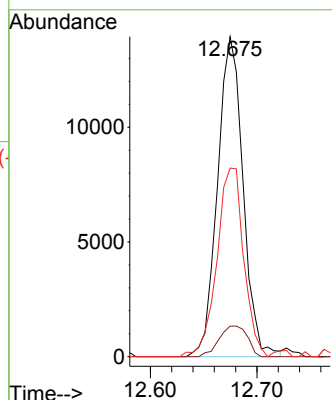
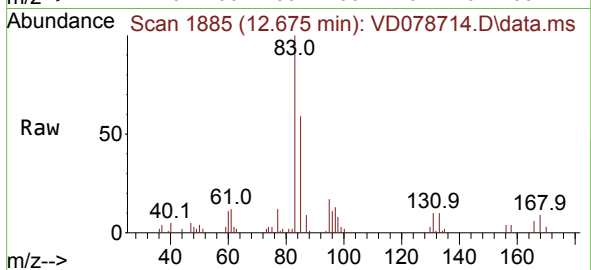
Tgt Ion: 83 Resp: 23174

Ion Ratio Lower Upper

83 100

131 10.6 4.9 14.7

85 62.1 32.2 96.6



#76

1,2,3-Trichloropropane

Concen: 36.758 ug/l

RT: 12.716 min Scan# 1892

Delta R.T. -0.006 min

Lab File: VD078714.D

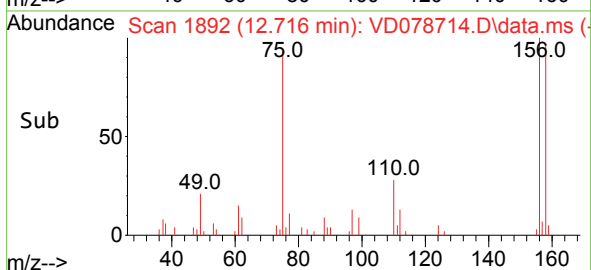
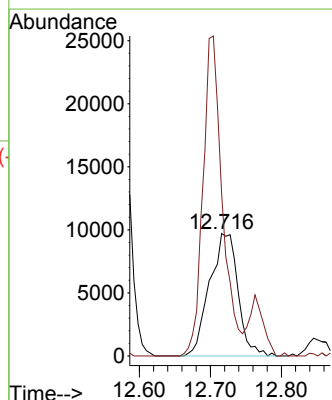
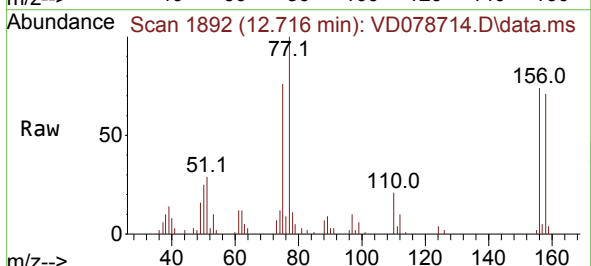
Acq: 20 Mar 2024 11:32

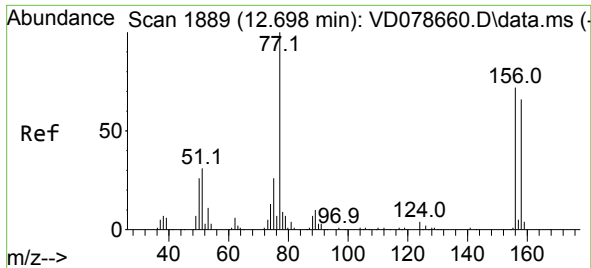
Tgt Ion: 75 Resp: 26917

Ion Ratio Lower Upper

75 100

77 180.1 0.0 0.0#

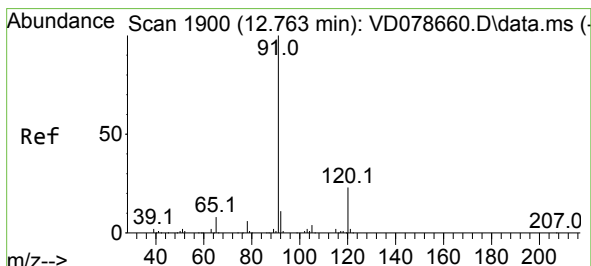
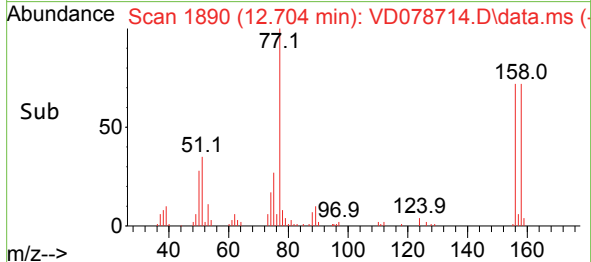
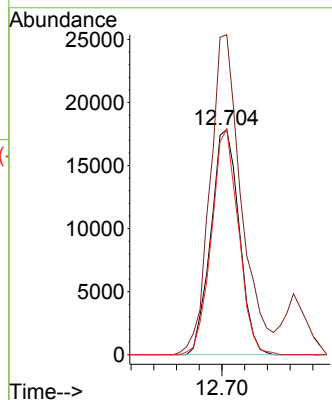
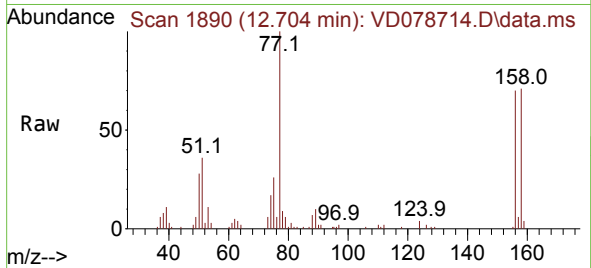




#77
Bromobenzene
Concen: 19.863 ug/l
RT: 12.704 min Scan# 1889
Delta R.T. 0.006 min
Lab File: VD078714.D
Acq: 20 Mar 2024 11:32

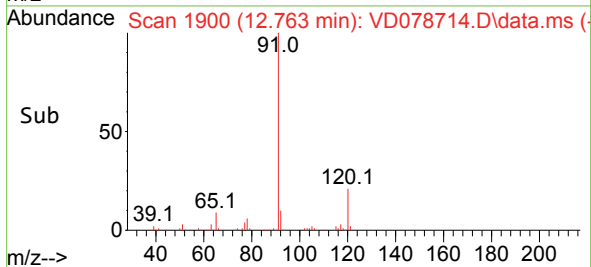
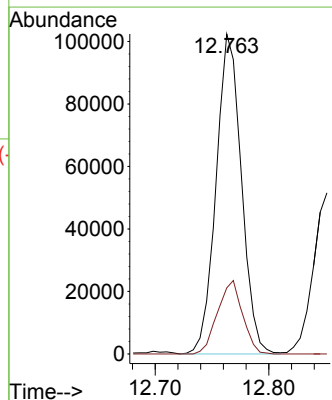
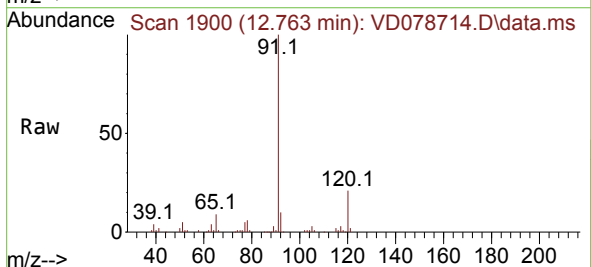
Instrument :
MSVOA_D
ClientSampleId :

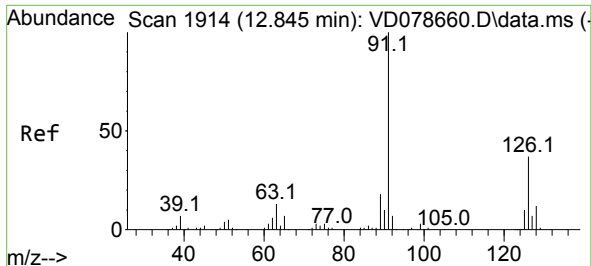
Tgt Ion:156 Resp: 30827
Ion Ratio Lower Upper
156 100
77 157.3 79.1 237.3
158 95.7 47.0 141.0



#78
n-propylbenzene
Concen: 20.857 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD078714.D
Acq: 20 Mar 2024 11:32

Tgt Ion: 91 Resp: 158875
Ion Ratio Lower Upper
91 100
120 22.5 11.7 35.1

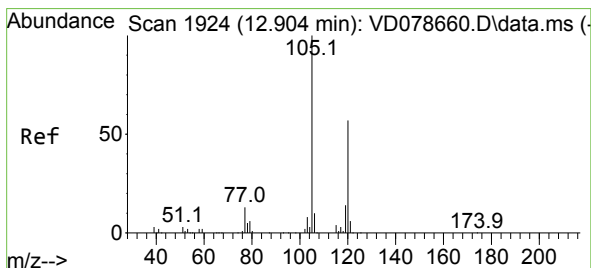
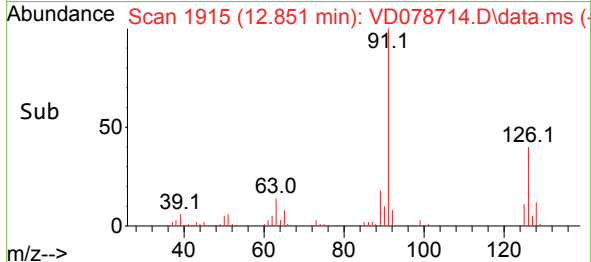
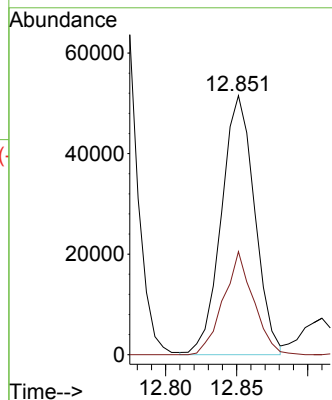
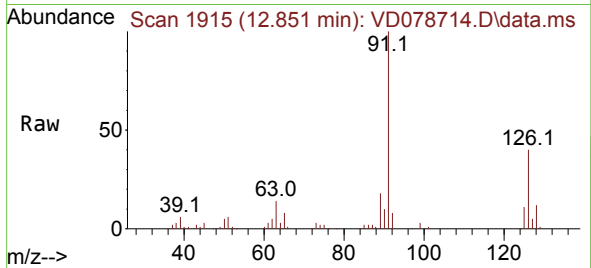




#79
2-Chlorotoluene
Concen: 20.155 ug/l
RT: 12.851 min Scan# 1914
Delta R.T. 0.006 min
Lab File: VD078714.D
Acq: 20 Mar 2024 11:32

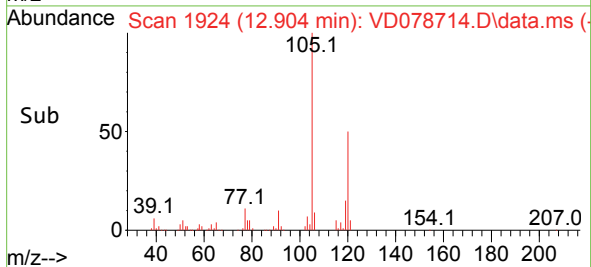
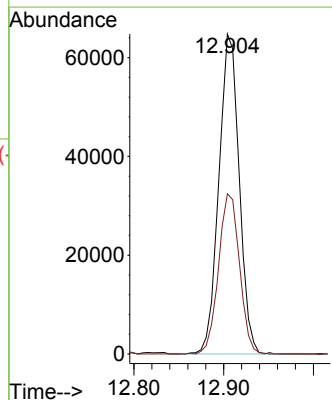
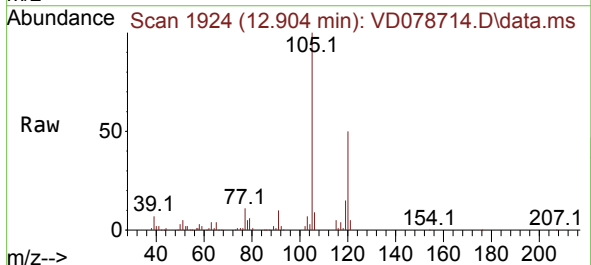
Instrument :
MSVOA_D
ClientSampleId :

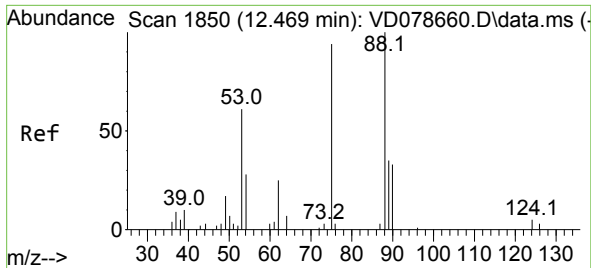
Tgt Ion: 91 Resp: 84225
Ion Ratio Lower Upper
91 100
126 35.9 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 19.691 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD078714.D
Acq: 20 Mar 2024 11:32

Tgt Ion: 105 Resp: 101901
Ion Ratio Lower Upper
105 100
120 51.6 25.9 77.7

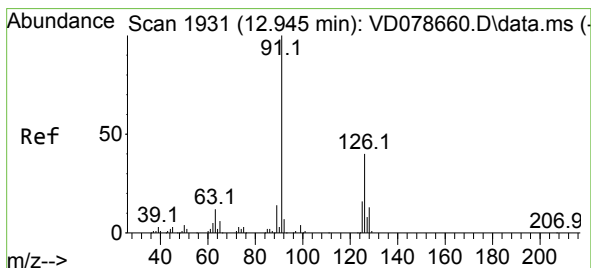
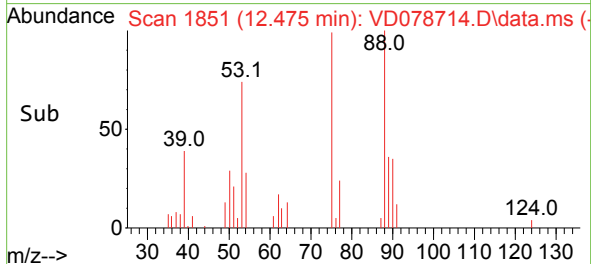
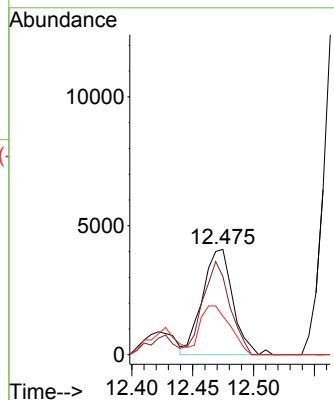
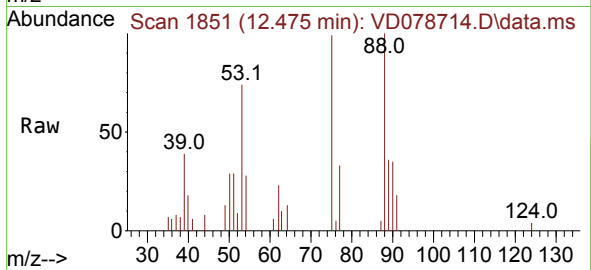




#81
trans-1,4-Dichloro-2-butene
Concen: 20.324 ug/l
RT: 12.475 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VD078714.D
Acq: 20 Mar 2024 11:32

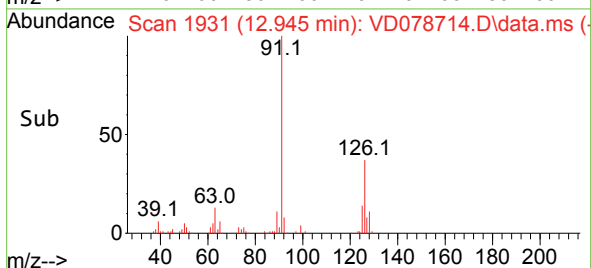
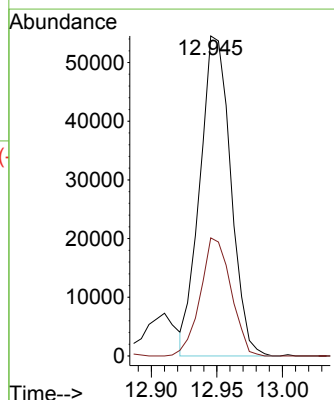
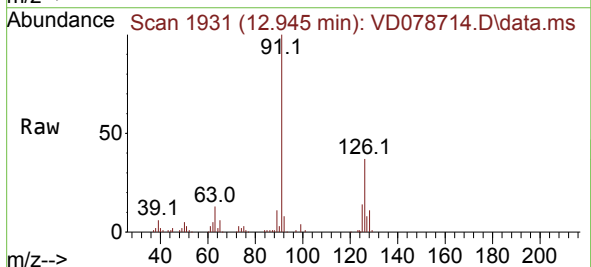
Instrument :
MSVOA_D
ClientSampleId :

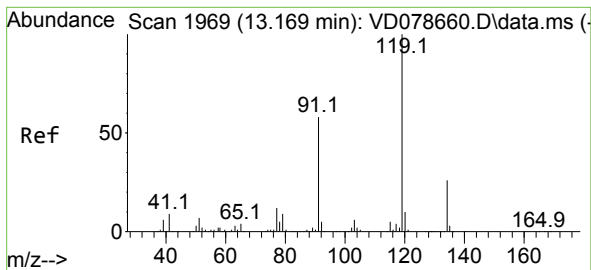
Tgt Ion: 75 Resp: 7100
Ion Ratio Lower Upper
75 100
53 78.9 61.0 91.6
89 45.6 35.4 53.0



#82
4-Chlorotoluene
Concen: 20.219 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD078714.D
Acq: 20 Mar 2024 11:32

Tgt Ion: 91 Resp: 89364
Ion Ratio Lower Upper
91 100
126 36.6 18.9 56.5





#83

tert-Butylbenzene

Concen: 19.926 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. -0.000 min

Lab File: VD078714.D

Acq: 20 Mar 2024 11:32

Instrument :

MSVOA_D

ClientSampleId :

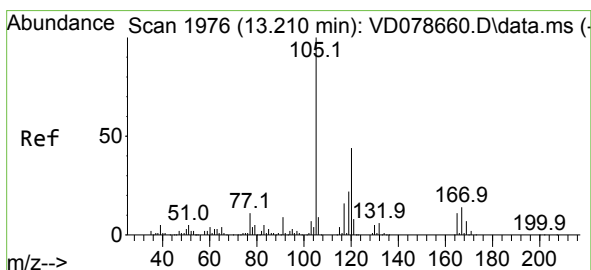
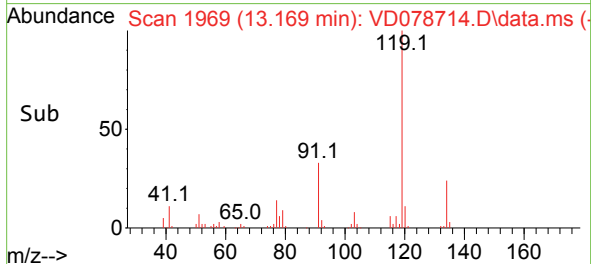
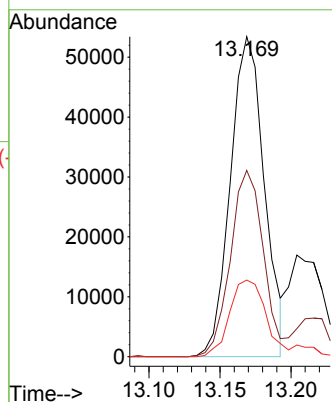
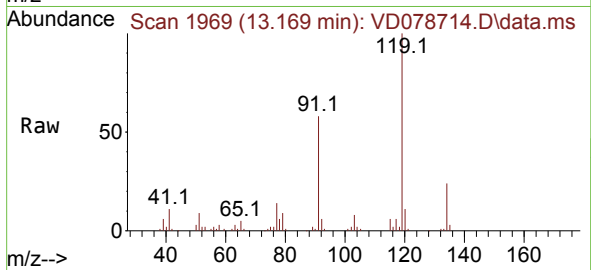
Tgt Ion:119 Resp: 88913

Ion Ratio Lower Upper

119 100

91 57.5 28.9 86.7

134 25.4 13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 20.241 ug/l

RT: 13.216 min Scan# 1977

Delta R.T. 0.006 min

Lab File: VD078714.D

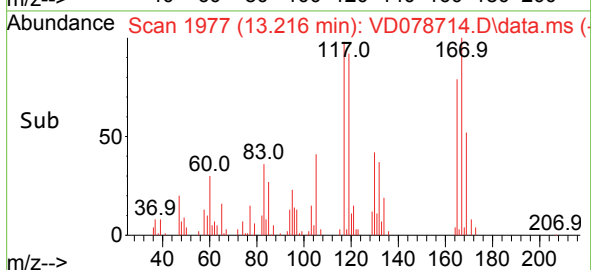
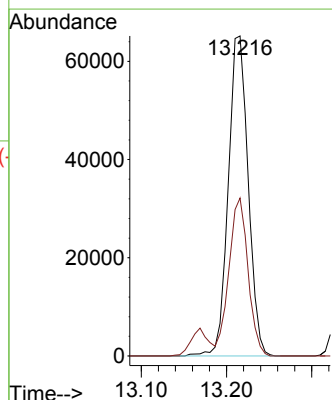
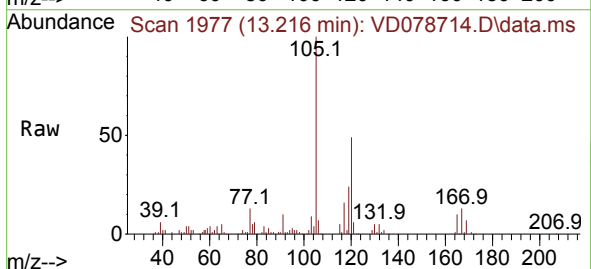
Acq: 20 Mar 2024 11:32

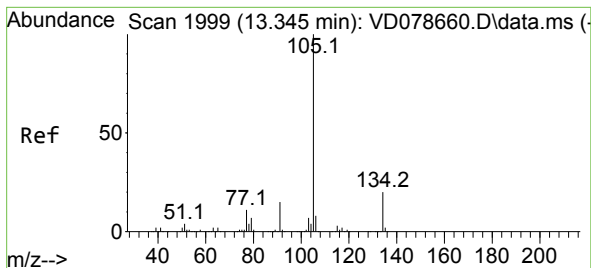
Tgt Ion:105 Resp: 105560

Ion Ratio Lower Upper

105 100

120 47.5 23.1 69.2





#85

sec-Butylbenzene

Concen: 20.892 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VD078714.D

Acq: 20 Mar 2024 11:32

Instrument :

MSVOA_D

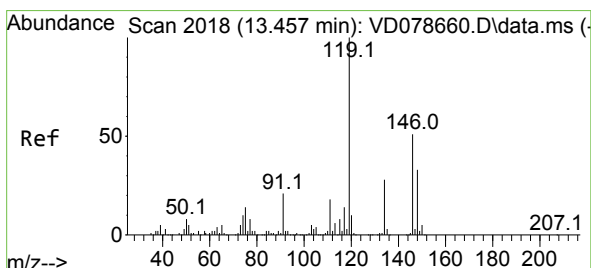
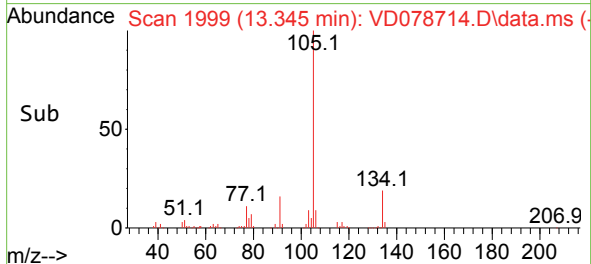
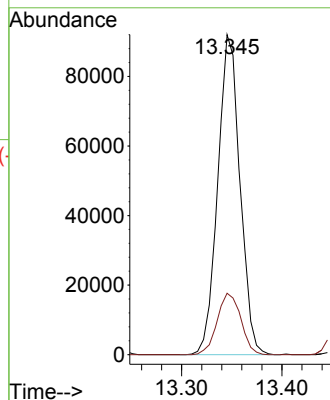
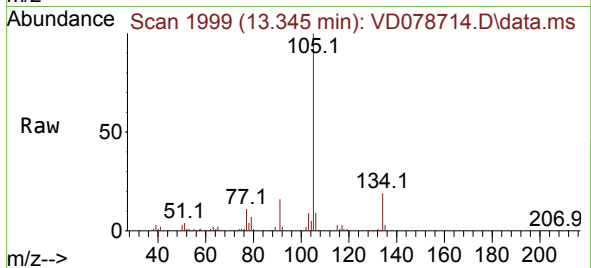
ClientSampleId :

Tgt Ion:105 Resp: 141075

Ion Ratio Lower Upper

105 100

134 20.5 10.4 31.2



#86

p-Isopropyltoluene

Concen: 20.388 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.006 min

Lab File: VD078714.D

Acq: 20 Mar 2024 11:32

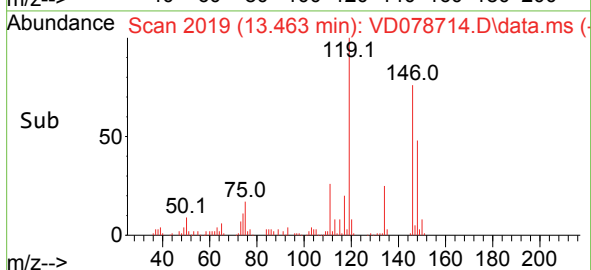
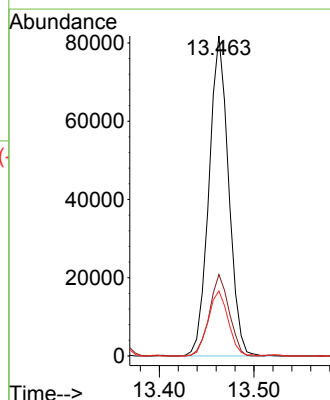
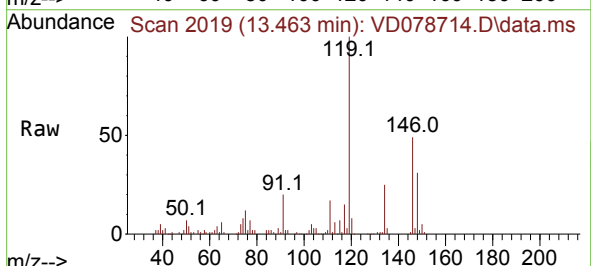
Tgt Ion:119 Resp: 117857

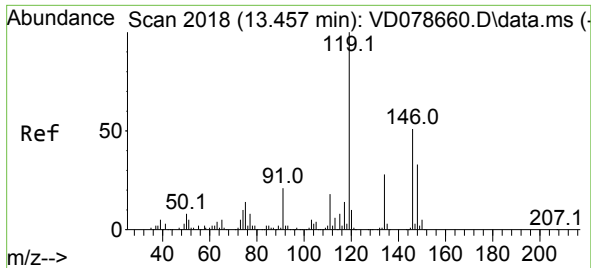
Ion Ratio Lower Upper

119 100

134 25.6 13.5 40.5

91 20.9 10.4 31.2

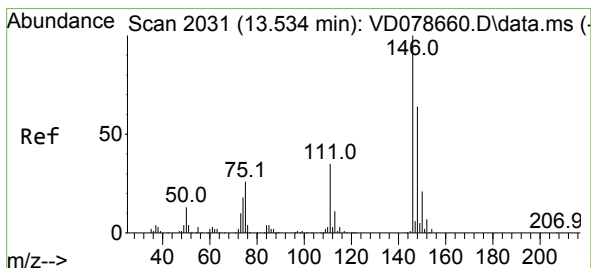
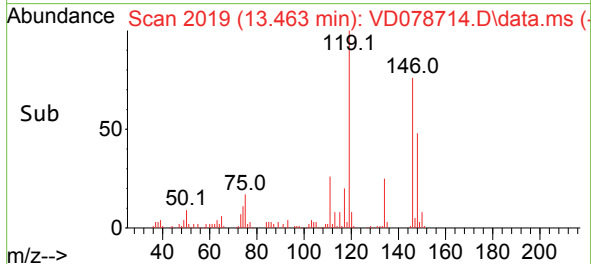
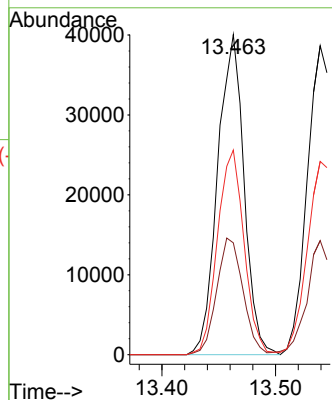
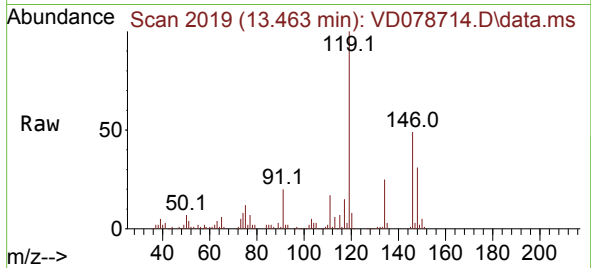




#87
1,3-Dichlorobenzene
Concen: 19.734 ug/l
RT: 13.463 min Scan# 2018
Delta R.T. 0.006 min
Lab File: VD078714.D
Acq: 20 Mar 2024 11:32

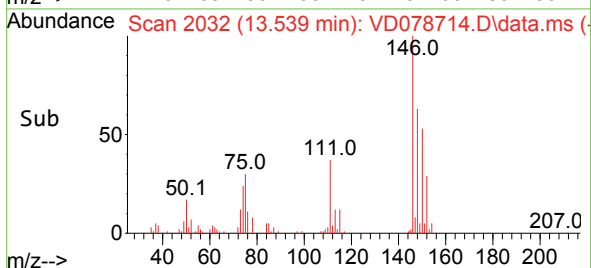
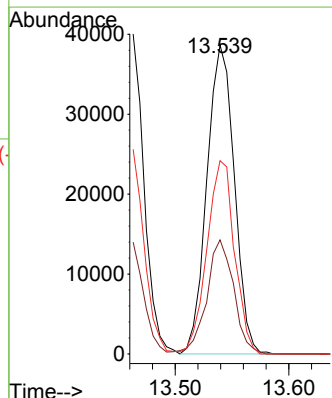
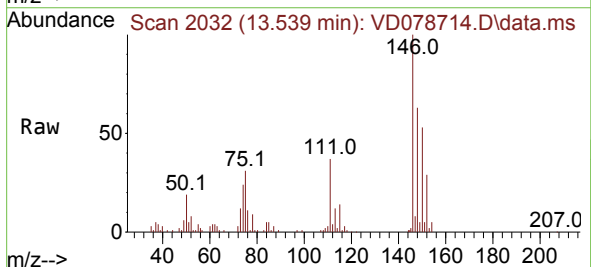
Instrument :
MSVOA_D
ClientSampleId :

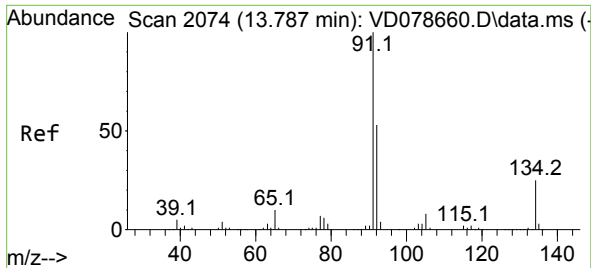
Tgt Ion:146 Resp: 64629
Ion Ratio Lower Upper
146 100
111 36.5 18.2 54.6
148 64.7 31.1 93.5



#88
1,4-Dichlorobenzene
Concen: 20.097 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. 0.006 min
Lab File: VD078714.D
Acq: 20 Mar 2024 11:32

Tgt Ion:146 Resp: 64865
Ion Ratio Lower Upper
146 100
111 36.4 17.8 53.3
148 62.9 32.4 97.0

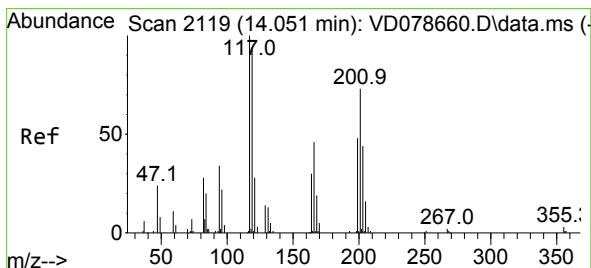
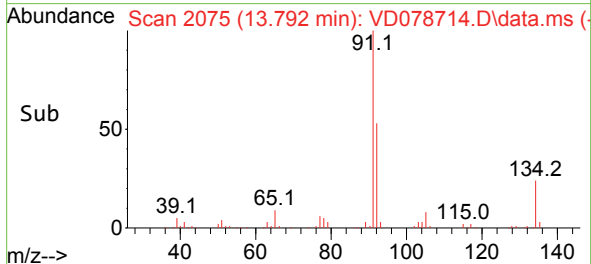
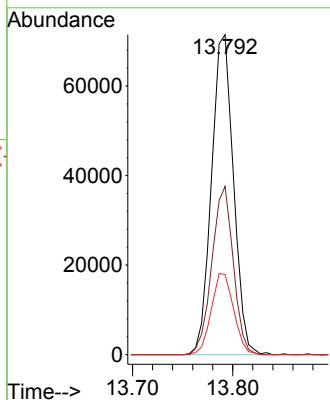
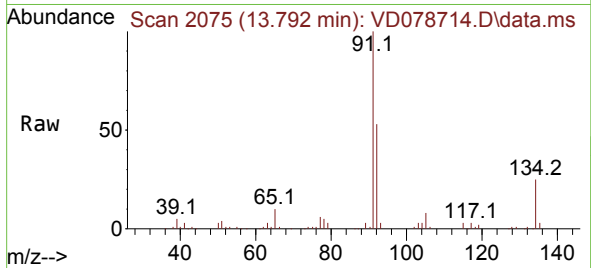




#89
n-Butylbenzene
Concen: 20.810 ug/l
RT: 13.792 min Scan# 2075
Delta R.T. 0.006 min
Lab File: VD078714.D
Acq: 20 Mar 2024 11:32

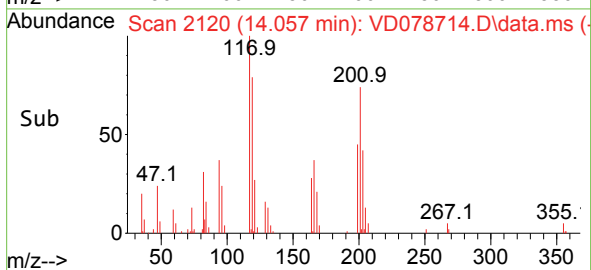
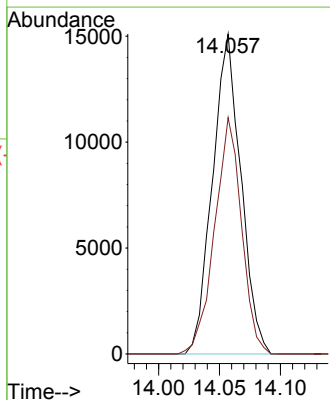
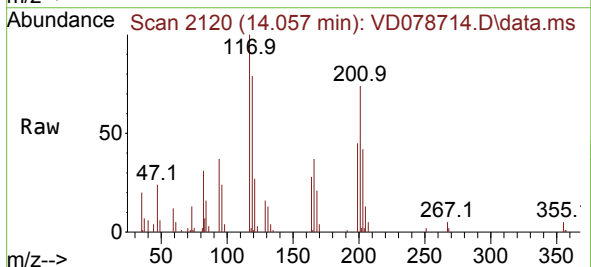
Instrument :
MSVOA_D
ClientSampleId :

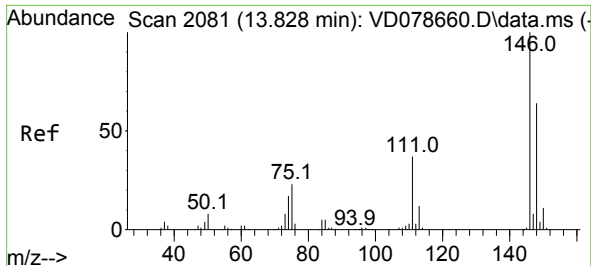
Tgt Ion: 91 Resp: 108644
Ion Ratio Lower Upper
91 100
92 51.2 26.4 79.0
134 25.9 13.0 38.9



#90
Hexachloroethane
Concen: 20.494 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.006 min
Lab File: VD078714.D
Acq: 20 Mar 2024 11:32

Tgt Ion: 117 Resp: 24513
Ion Ratio Lower Upper
117 100
201 69.9 36.2 108.6





#91

1,2-Dichlorobenzene

Concen: 19.816 ug/l

RT: 13.834 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VD078714.D

Acq: 20 Mar 2024 11:32

Instrument :

MSVOA_D

ClientSampleId :

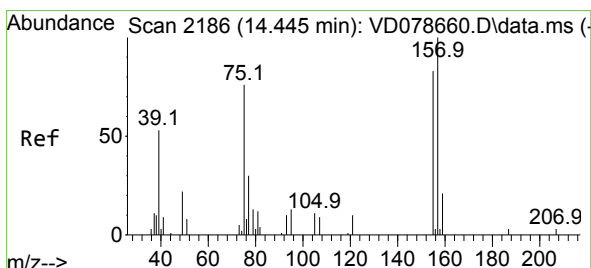
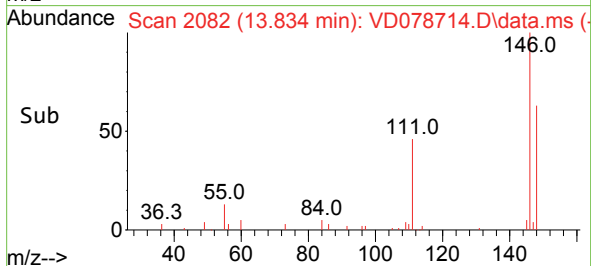
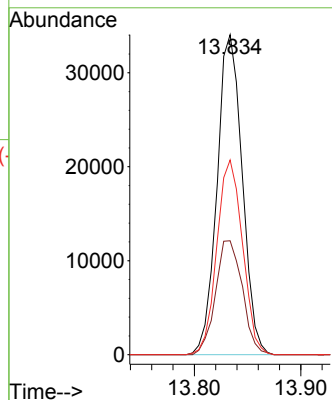
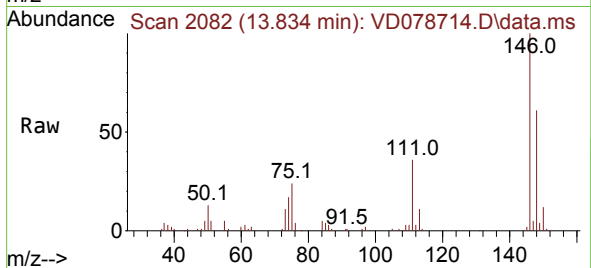
Tgt Ion:146 Resp: 55895

Ion Ratio Lower Upper

146 100

111 37.9 18.6 56.0

148 62.1 32.1 96.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 16.803 ug/l

RT: 14.451 min Scan# 2187

Delta R.T. 0.006 min

Lab File: VD078714.D

Acq: 20 Mar 2024 11:32

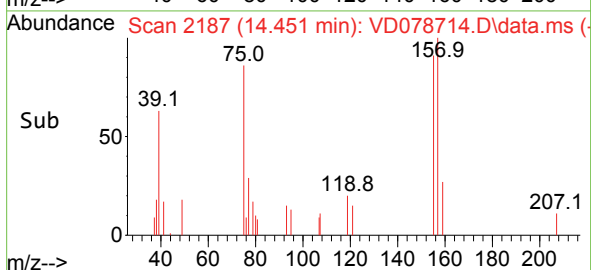
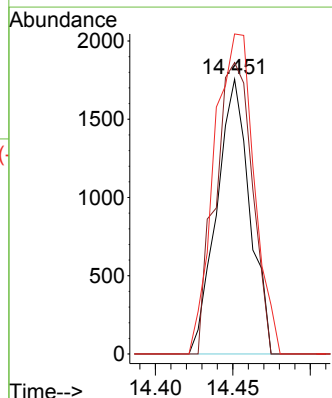
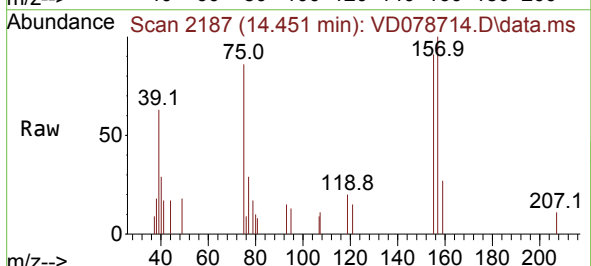
Tgt Ion: 75 Resp: 2604

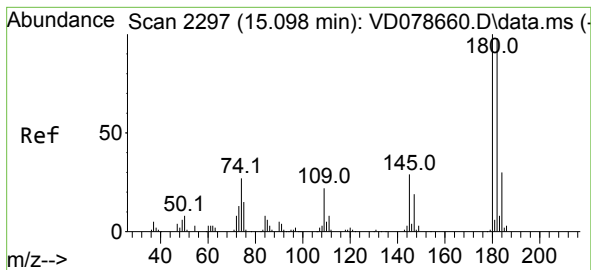
Ion Ratio Lower Upper

75 100

155 118.1 49.8 149.3

157 140.6 65.5 196.3





#93

1,2,4-Trichlorobenzene

Concen: 19.109 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. -0.000 min

Lab File: VD078714.D

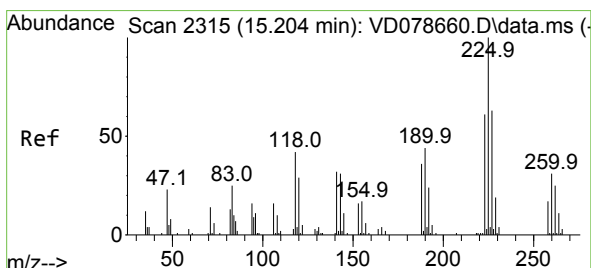
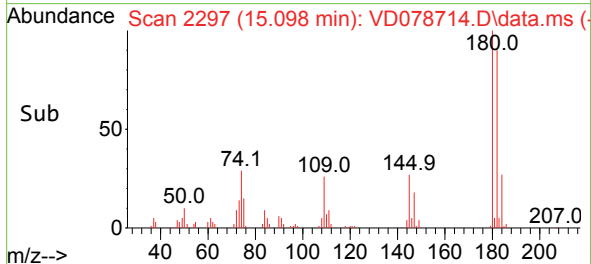
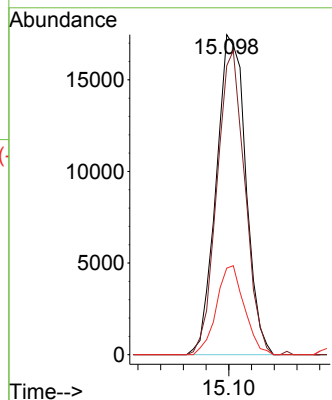
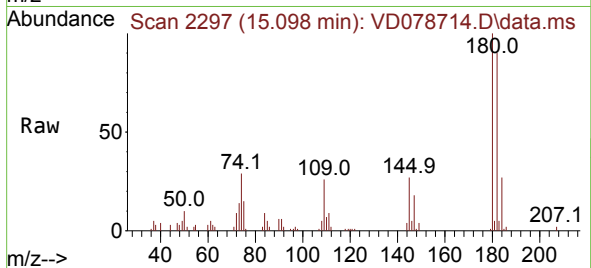
Acq: 20 Mar 2024 11:32

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:180	Resp:	31456
Ion Ratio	Lower	Upper
180	100	
182	89.9	49.7 149.1
145	26.3	14.6 44.0



#94

Hexachlorobutadiene

Concen: 19.901 ug/l

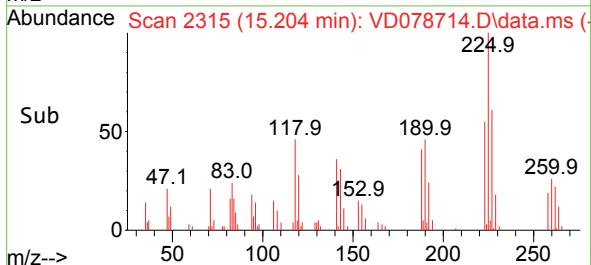
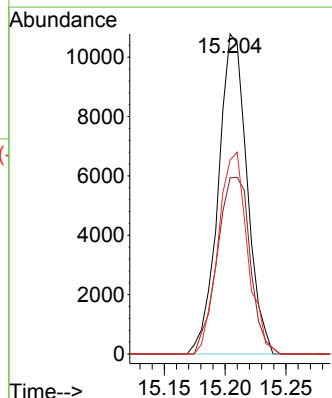
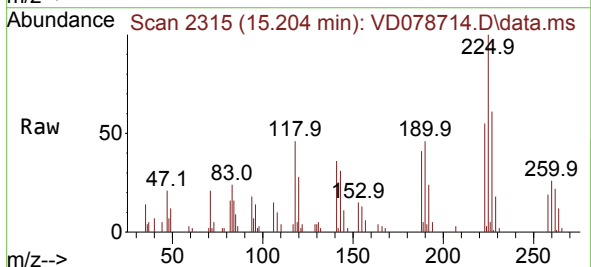
RT: 15.204 min Scan# 2315

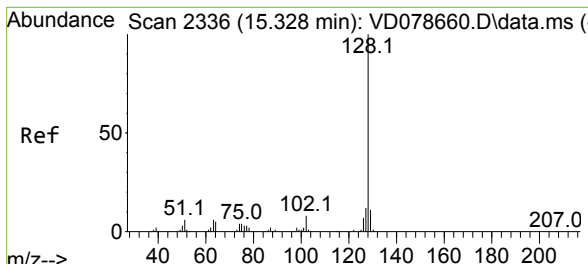
Delta R.T. -0.000 min

Lab File: VD078714.D

Acq: 20 Mar 2024 11:32

Tgt Ion:225	Resp:	17736
Ion Ratio	Lower	Upper
225	100	
223	63.0	31.9 95.7
227	64.5	32.0 96.0

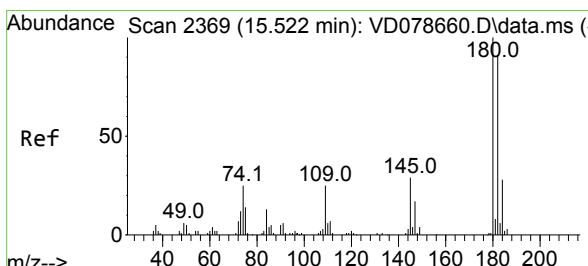
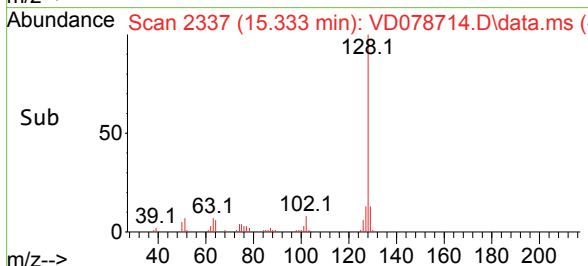
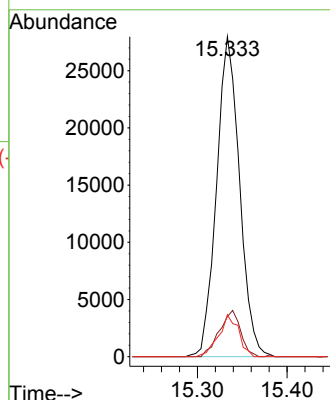
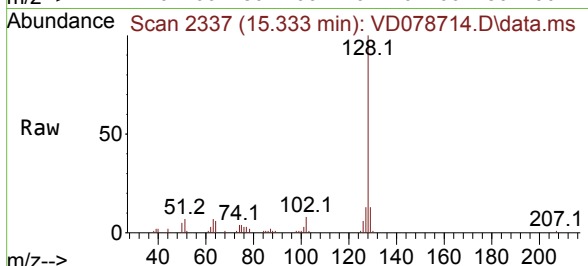




#95
Naphthalene
Concen: 17.382 ug/l
RT: 15.333 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD078714.D
Acq: 20 Mar 2024 11:32

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128	Resp:	49747
Ion Ratio	Lower	Upper
128	100	
127	12.6	9.3 13.9
129	13.1	8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 18.620 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD078714.D
Acq: 20 Mar 2024 11:32

Tgt Ion:180	Resp:	26517
Ion Ratio	Lower	Upper
180	100	
182	96.2	46.7 140.1
145	31.0	14.4 43.4

