

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022124\
 Data File : VD078494.D
 Acq On : 21 Feb 2024 11:54
 Operator : RP/MD
 Sample : VD0221SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0221SBS01

Quant Time: Feb 22 00:01:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 14 01:16:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	109523	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	189194	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	173277	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	90824	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	65368	55.199	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.400%
35) Dibromofluoromethane	7.810	113	70782	58.897	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	117.800%
50) Toluene-d8	10.269	98	275977	57.406	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	114.820%
62) 4-Bromofluorobenzene	12.575	95	78707	56.259	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	112.520%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	21193	19.639	ug/l	98
3) Chloromethane	2.152	50	35987	18.146	ug/l	95
4) Vinyl Chloride	2.287	62	57424	18.976	ug/l	99
5) Bromomethane	2.687	94	47348	22.667	ug/l	99
6) Chloroethane	2.834	64	46450	21.050	ug/l	99
7) Trichlorofluoromethane	3.175	101	46722	22.887	ug/l	97
8) Diethyl Ether	3.599	74	13026	22.154	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.975	101	29173	22.653	ug/l	95
10) Methyl Iodide	4.163	142	26825	23.257	ug/l #	90
11) Tert butyl alcohol	5.063	59	7171	108.531	ug/l #	87
12) 1,1-Dichloroethene	3.946	96	26541	22.230	ug/l	94
13) Acrolein	3.793	56	9760	89.213	ug/l	91
14) Allyl chloride	4.557	41	31718	21.504	ug/l	91
15) Acrylonitrile	5.257	53	28870	114.697	ug/l	97
16) Acetone	4.028	43	33342	133.149	ug/l	88
17) Carbon Disulfide	4.275	76	76363	19.008	ug/l	98
18) Methyl Acetate	4.563	43	11277	16.270	ug/l	89
19) Methyl tert-butyl Ether	5.322	73	56652	22.333	ug/l	92
20) Methylene Chloride	4.810	84	35651	25.033	ug/l #	91
21) trans-1,2-Dichloroethene	5.322	96	30564	21.760	ug/l	93
22) Diisopropyl ether	6.216	45	73392	22.576	ug/l	95
23) Vinyl Acetate	6.157	43	216837	157.560	ug/l	97
24) 1,1-Dichloroethane	6.116	63	55351	24.035	ug/l	96
25) 2-Butanone	7.087	43	38487	120.119	ug/l	88
26) 2,2-Dichloropropane	7.081	77	43449	22.506	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	35360	22.946	ug/l	95
28) Bromochloromethane	7.428	49	19051	20.886	ug/l	82
29) Tetrahydrofuran	7.451	42	20172	114.541	ug/l	91
30) Chloroform	7.604	83	58283	23.920	ug/l	95
31) Cyclohexane	7.881	56	38860	19.399	ug/l	94
32) 1,1,1-Trichloroethane	7.793	97	49088	23.629	ug/l	99
36) 1,1-Dichloropropene	8.010	75	41735	22.354	ug/l	97
37) Ethyl Acetate	7.175	43	15485	23.661	ug/l #	93
38) Carbon Tetrachloride	7.987	117	42381	22.922	ug/l	98
39) Methylcyclohexane	9.275	83	45349	20.461	ug/l	96
40) Benzene	8.251	78	124741	23.116	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.398	41	7751	22.757	ug/l #	90
42) 1,2-Dichloroethane	8.328	62	32761	23.463	ug/l	100
43) Isopropyl Acetate	8.363	43	27518	22.707	ug/l	96
44) Trichloroethene	9.028	130	33217	24.128	ug/l	100
45) 1,2-Dichloropropane	9.304	63	31017	23.426	ug/l	95
46) Dibromomethane	9.398	93	17974	24.135	ug/l	89
47) Bromodichloromethane	9.587	83	43865	23.781	ug/l	99
48) Methyl methacrylate	9.381	41	13593	21.142	ug/l #	80
49) 1,4-Dioxane	9.392	88	3707	459.639	ug/l #	88
51) 4-Methyl-2-Pentanone	10.157	43	74181	115.330	ug/l	93
52) Toluene	10.334	92	77827	22.806	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	38782	23.042	ug/l	96
54) cis-1,3-Dichloropropene	10.016	75	49116	24.066	ug/l #	89
55) 1,1,2-Trichloroethane	10.734	97	24458	24.387	ug/l	93
56) Ethyl methacrylate	10.598	69	24936	26.884	ug/l	92
57) 1,3-Dichloropropane	10.875	76	40499	23.739	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	67489	123.524	ug/l	97
59) 2-Hexanone	10.922	43	61206	126.621	ug/l	88
60) Dibromochloromethane	11.075	129	29333	24.309	ug/l	95
61) 1,2-Dibromoethane	11.175	107	23128	24.564	ug/l	100
64) Tetrachloroethene	10.804	164	26497	24.210	ug/l	96
65) Chlorobenzene	11.604	112	84365	24.218	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	31494	24.601	ug/l	96
67) Ethyl Benzene	11.681	91	145272	23.275	ug/l	93
68) m/p-Xylenes	11.792	106	117060	48.081	ug/l	92
69) o-Xylene	12.116	106	53846	24.235	ug/l	95
70) Styrene	12.133	104	93226	25.710	ug/l	99
71) Bromoform	12.298	173	18102	26.865	ug/l #	93
73) Isopropylbenzene	12.422	105	139314	22.843	ug/l	95
74) N-amyl acetate	12.233	43	26717	23.156	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.675	83	28626	23.662	ug/l	96
76) 1,2,3-Trichloropropane	12.722	75	33360	43.265	ug/l #	100
77) Bromobenzene	12.704	156	34929	24.370	ug/l	95
78) n-propylbenzene	12.763	91	177201	23.315	ug/l	97
79) 2-Chlorotoluene	12.845	91	93347	22.932	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	113991	22.509	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	8608	23.176	ug/l	99
82) 4-Chlorotoluene	12.945	91	102421	23.427	ug/l	95
83) tert-Butylbenzene	13.163	119	100796	23.601	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	117377	22.838	ug/l	99
85) sec-Butylbenzene	13.345	105	158366	23.910	ug/l	95
86) p-Isopropyltoluene	13.457	119	128506	22.778	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	72034	23.548	ug/l	98
88) 1,4-Dichlorobenzene	13.533	146	71938	23.933	ug/l	98
89) n-Butylbenzene	13.786	91	126948	23.346	ug/l	95
90) Hexachloroethane	14.051	117	26959	23.250	ug/l	93
91) 1,2-Dichlorobenzene	13.827	146	62888	24.481	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	3723	23.503	ug/l	96
93) 1,2,4-Trichlorobenzene	15.092	180	35504	23.517	ug/l	98
94) Hexachlorobutadiene	15.204	225	18691	23.719	ug/l	98
95) Naphthalene	15.333	128	64095	22.890	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	30596	23.913	ug/l	99

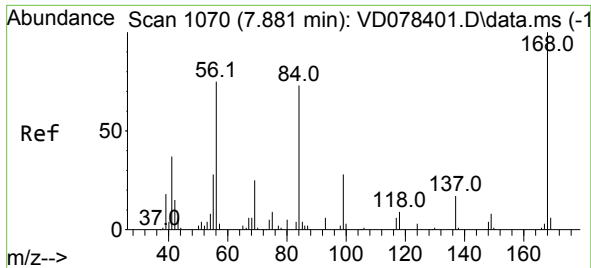
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Quant Title : SW846 8260
QLast Update : Wed Feb 14 01:16:20 2024
Response via : Initial Calibration

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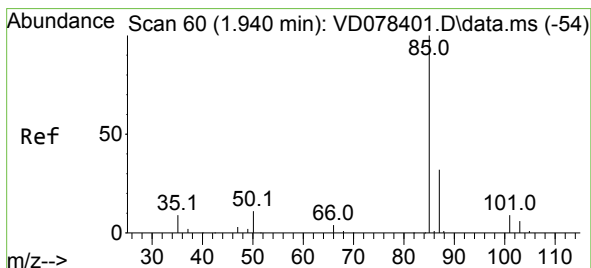
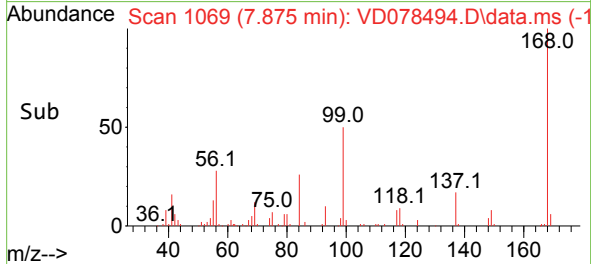
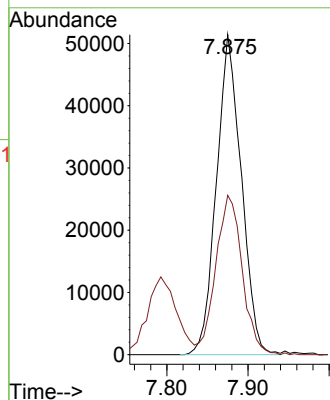
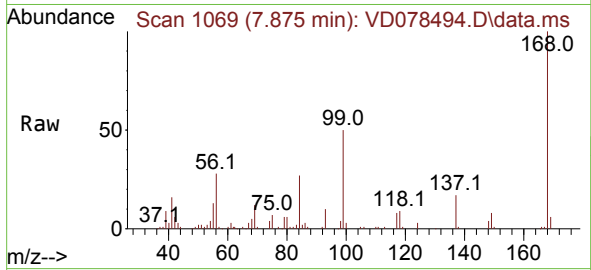
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54

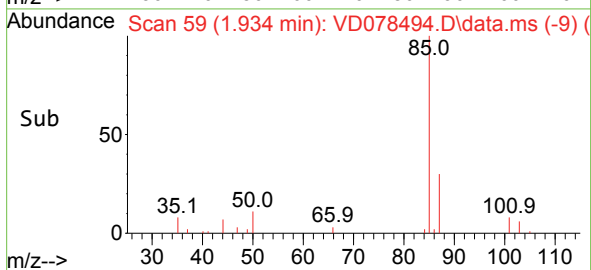
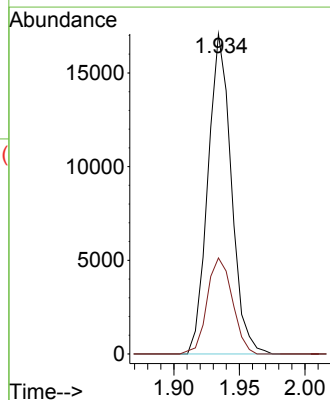
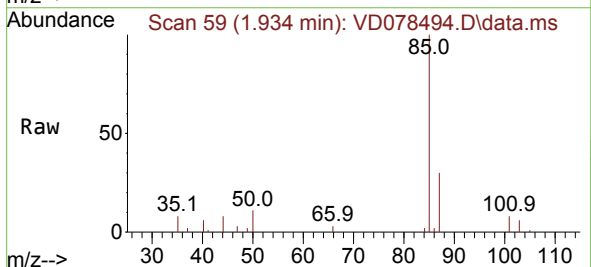
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ClientSampleId :
VD0221SBS01

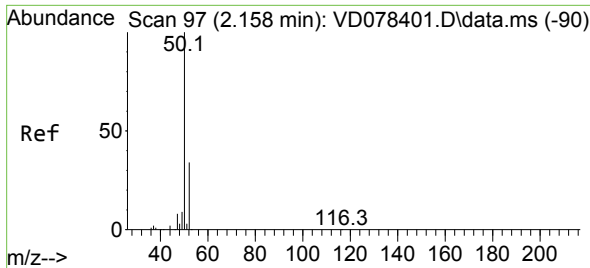
Tgt Ion:168 Resp: 109523
Ion Ratio Lower Upper
168 100
99 49.8 36.7 55.1



#2
Dichlorodifluoromethane
Concen: 19.639 ug/l
RT: 1.934 min Scan# 59
Delta R.T. -0.006 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54

Tgt Ion: 85 Resp: 21193
Ion Ratio Lower Upper
85 100
87 30.0 15.7 47.0

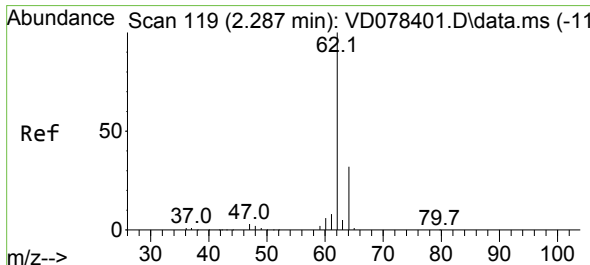
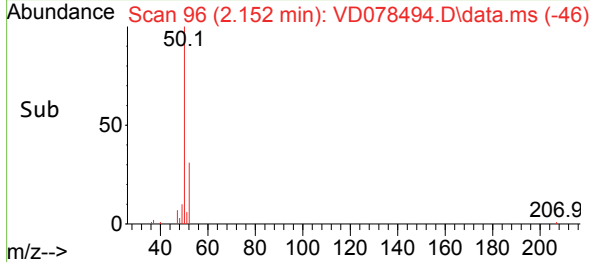
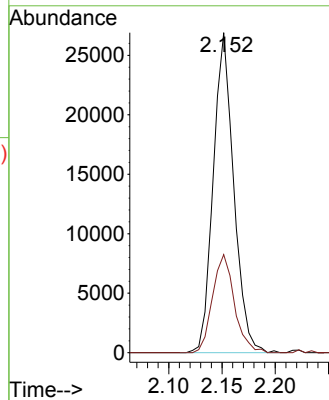
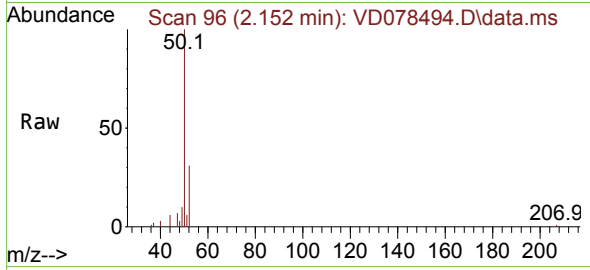




#3
Chloromethane
Concen: 18.146 ug/l
RT: 2.152 min Scan# 90
Delta R.T. -0.006 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54

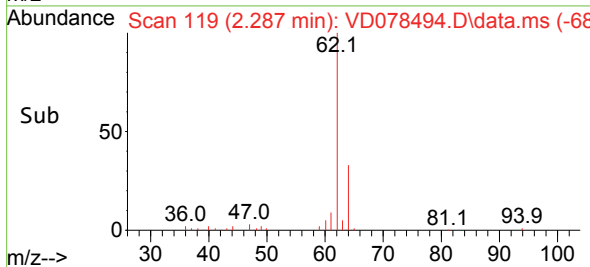
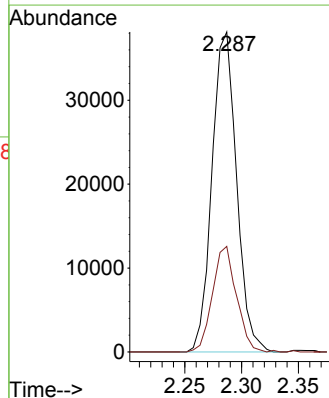
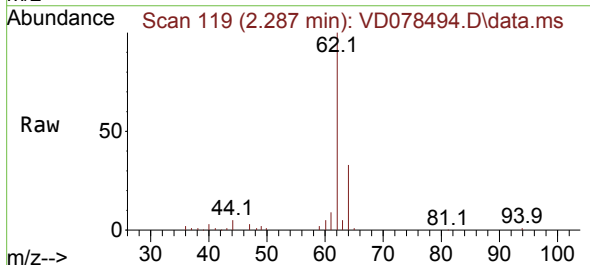
Instrument :
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ClientSampleId :
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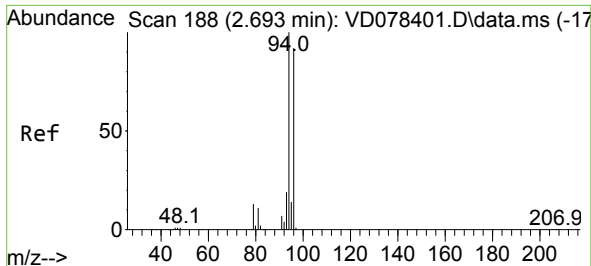
Tgt Ion: 50 Resp: 35987
Ion Ratio Lower Upper
50 100
52 30.6 26.6 40.0



#4
Vinyl Chloride
Concen: 18.976 ug/l
RT: 2.287 min Scan# 119
Delta R.T. -0.000 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54

Tgt Ion: 62 Resp: 57424
Ion Ratio Lower Upper
62 100
64 33.0 26.0 39.0

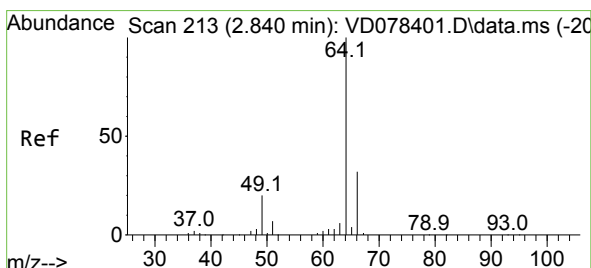
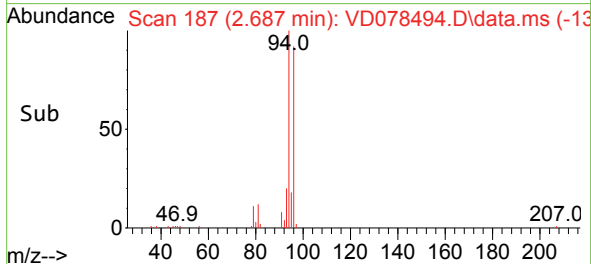
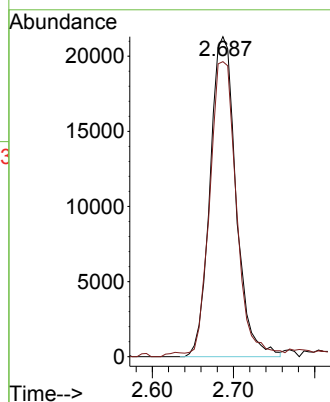
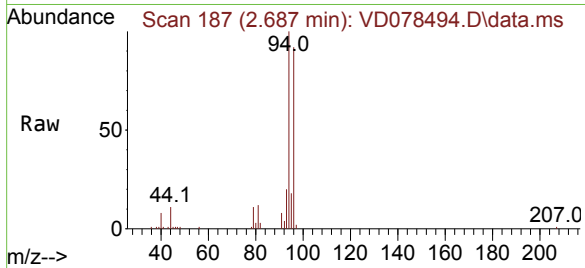




#5
Bromomethane
Concen: 22.667 ug/l
RT: 2.687 min Scan# 188
Delta R.T. -0.006 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54

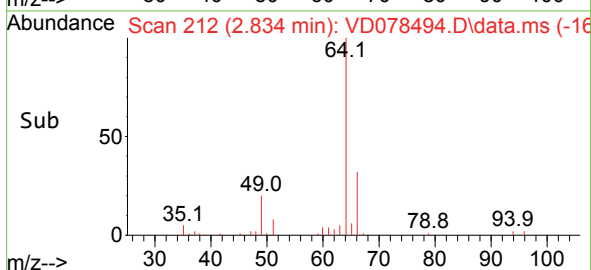
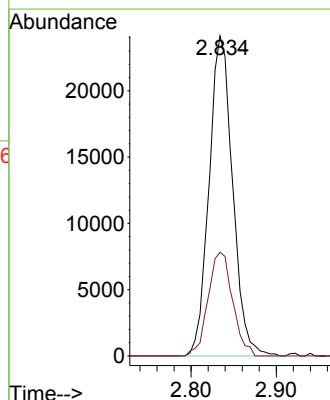
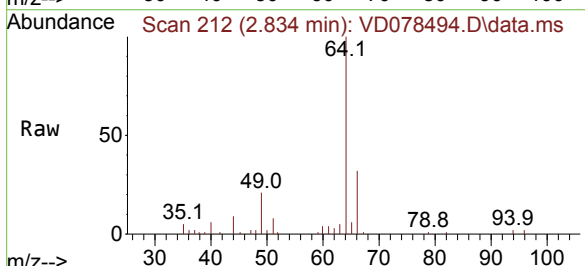
Instrument :
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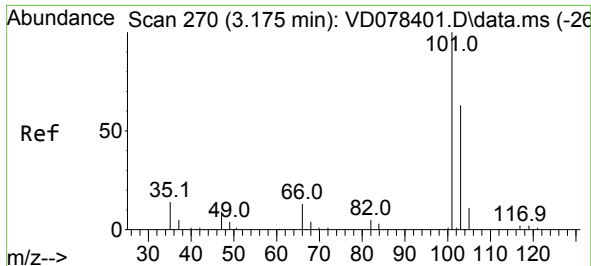
Tgt Ion: 94 Resp: 47348
Ion Ratio Lower Upper
94 100
96 95.6 75.8 113.8



#6
Chloroethane
Concen: 21.050 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.006 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54

Tgt Ion: 64 Resp: 46450
Ion Ratio Lower Upper
64 100
66 32.4 25.5 38.3

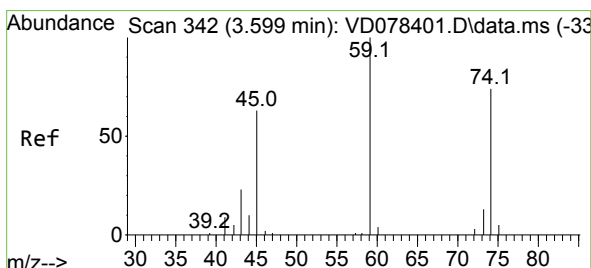
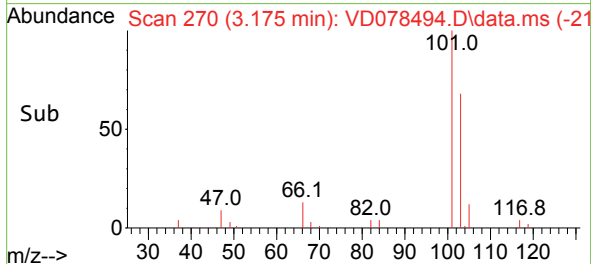
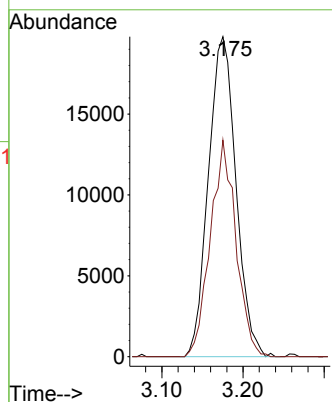
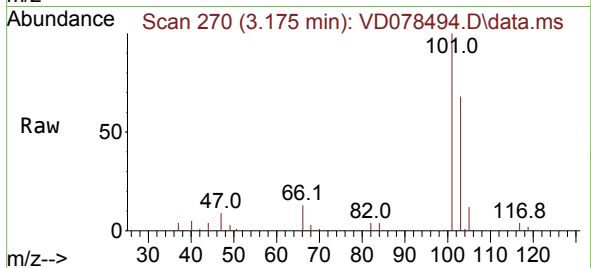




#7
 Trichlorofluoromethane
 Concen: 22.887 ug/l
 RT: 3.175 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VD078494.D
 Acq: 21 Feb 2024 11:54

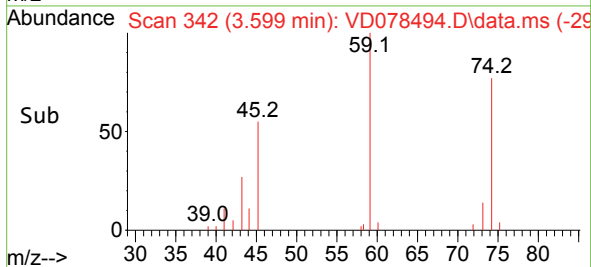
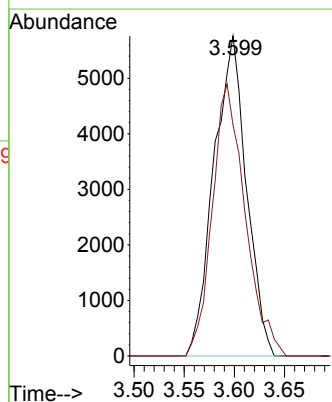
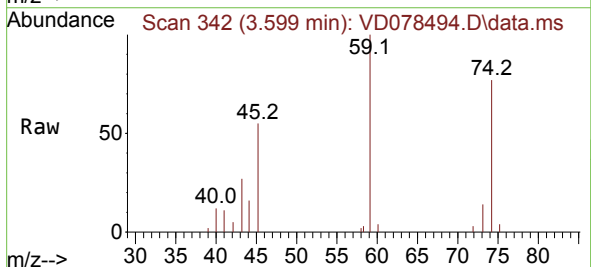
Instrument :
 MSVOA_D
 ClientSampleId :
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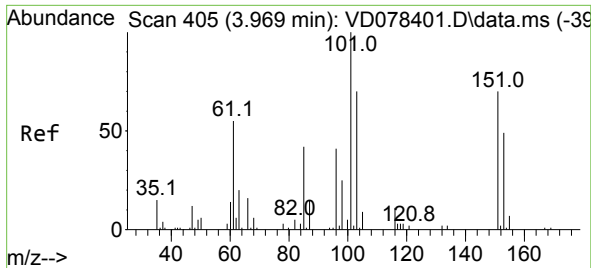
Tgt Ion:101 Resp: 46722
 Ion Ratio Lower Upper
 101 100
 103 67.6 52.3 78.5



#8
 Diethyl Ether
 Concen: 22.154 ug/l
 RT: 3.599 min Scan# 342
 Delta R.T. -0.000 min
 Lab File: VD078494.D
 Acq: 21 Feb 2024 11:54

Tgt Ion: 74 Resp: 13026
 Ion Ratio Lower Upper
 74 100
 45 85.5 37.5 112.7

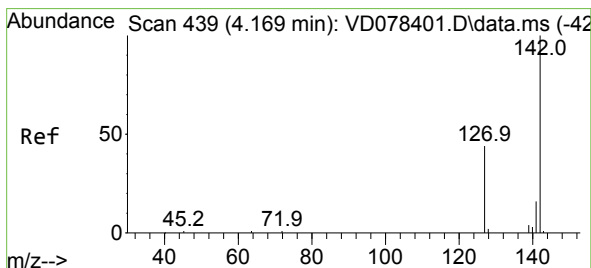
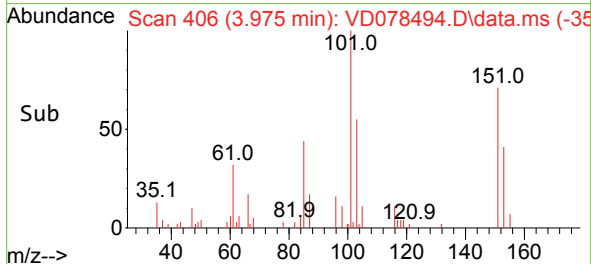
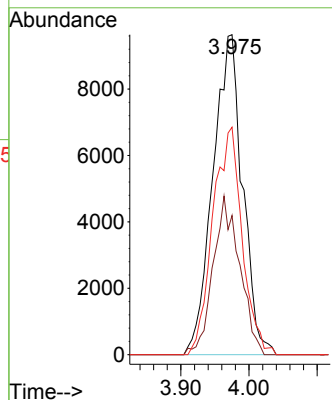
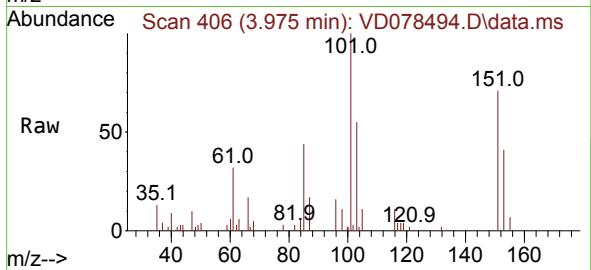




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.653 ug/l
RT: 3.975 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54

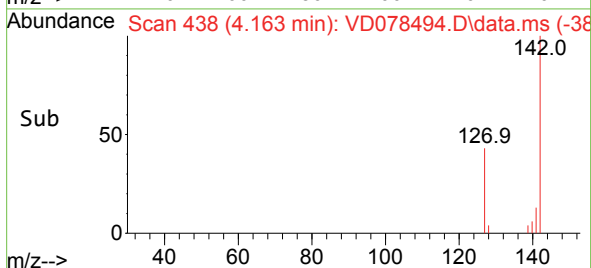
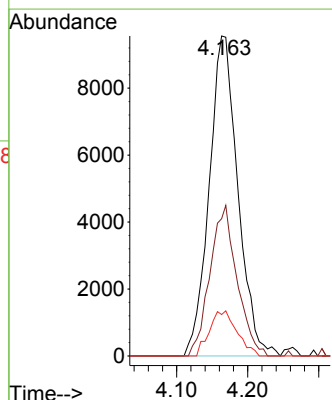
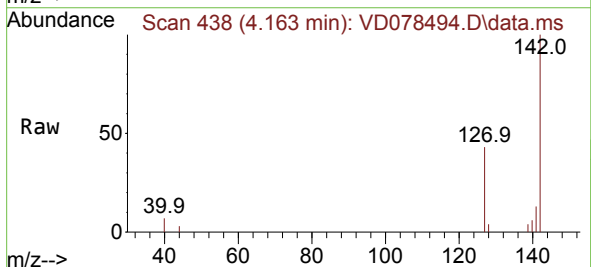
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBS01

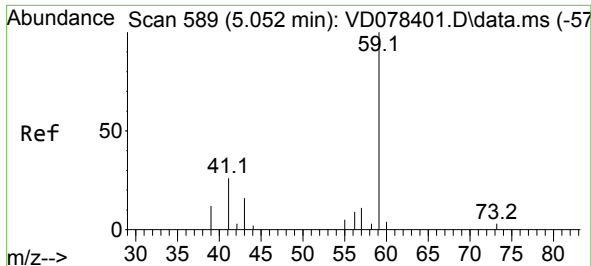
Tgt Ion:101 Resp: 29173
Ion Ratio Lower Upper
101 100
85 44.5 33.8 50.6
151 70.3 59.8 89.6



#10
Methyl Iodide
Concen: 23.257 ug/l
RT: 4.163 min Scan# 438
Delta R.T. -0.006 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54

Tgt Ion:142 Resp: 26825
Ion Ratio Lower Upper
142 100
127 44.3 29.4 44.0#
141 13.5 11.1 16.7

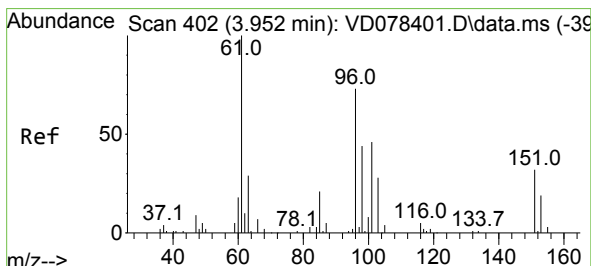
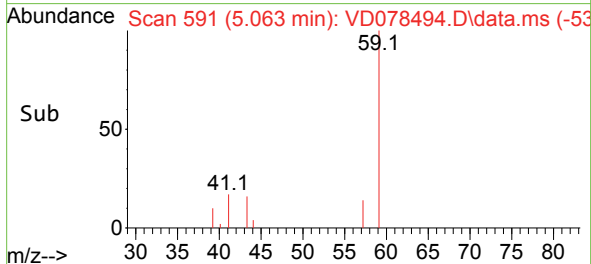
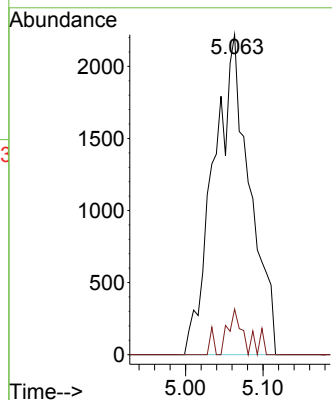
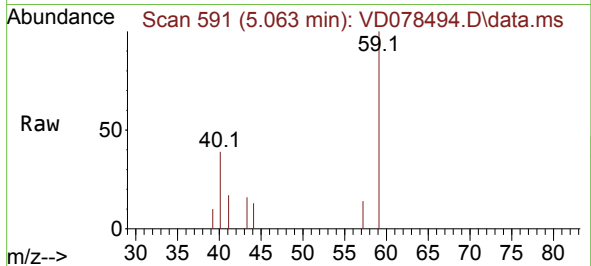




#11
Tert butyl alcohol
Concen: 108.531 ug/l
RT: 5.063 min Scan# 591
Delta R.T. 0.011 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54

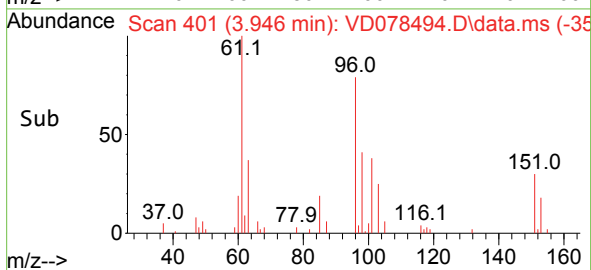
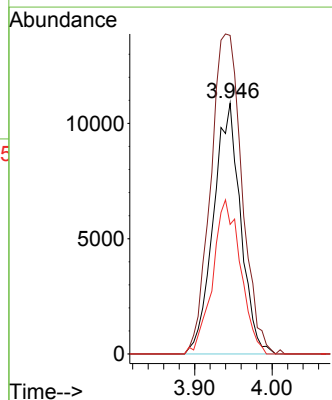
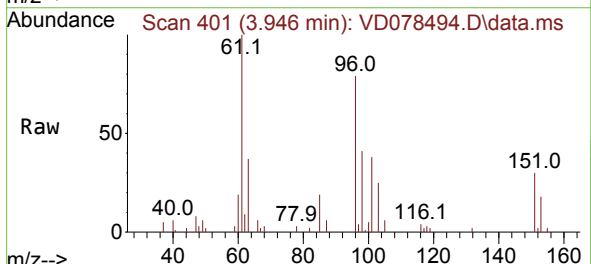
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBS01

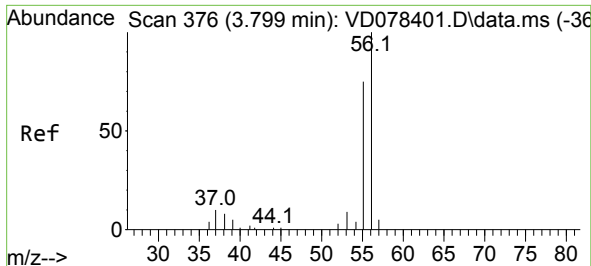
Tgt Ion: 59 Resp: 7171
Ion Ratio Lower Upper
59 100
57 5.1 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 22.230 ug/l
RT: 3.946 min Scan# 401
Delta R.T. -0.006 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54

Tgt Ion: 96 Resp: 26541
Ion Ratio Lower Upper
96 100
61 127.0 100.6 150.8
98 51.7 50.2 75.2





#13

Acrolein

Concen: 89.213 ug/l

RT: 3.793 min Scan# 31

Delta R.T. -0.006 min

Lab File: VD078494.D

Acq: 21 Feb 2024 11:54

Instrument :

MSVOA_D

ClientSampleId :

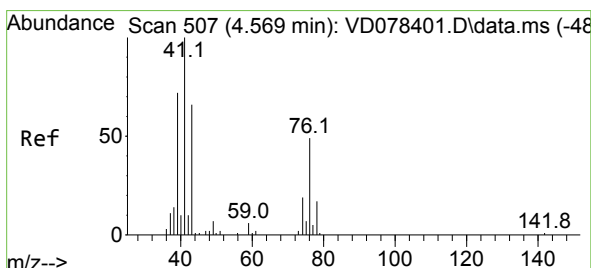
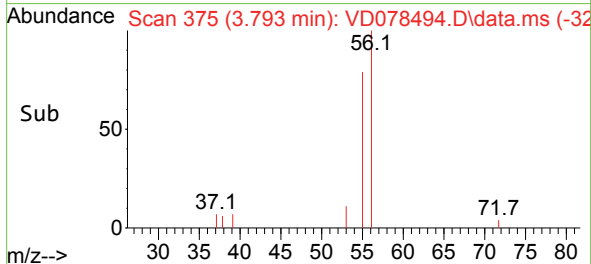
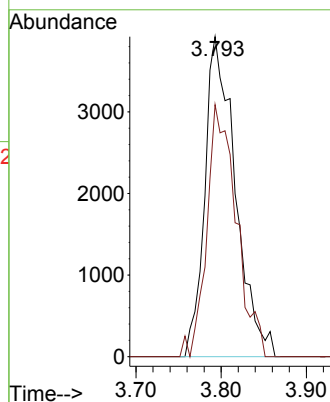
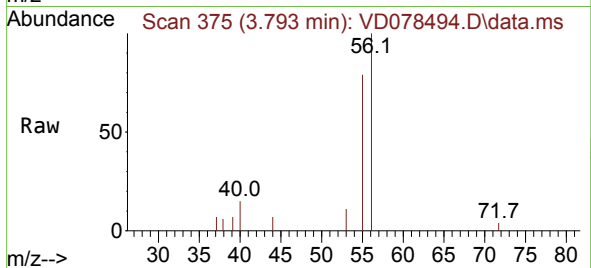
VD0221SBS01

Tgt Ion: 56 Resp: 9760

Ion Ratio Lower Upper

56 100

55 75.9 55.1 82.7



#14

Allyl chloride

Concen: 21.504 ug/l

RT: 4.557 min Scan# 505

Delta R.T. -0.012 min

Lab File: VD078494.D

Acq: 21 Feb 2024 11:54

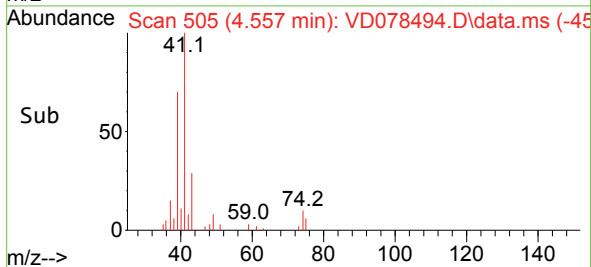
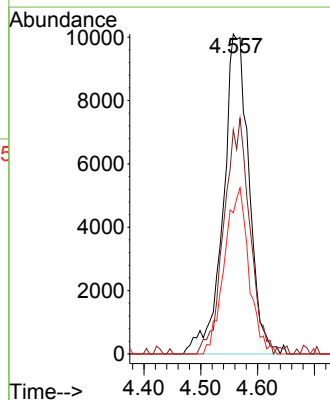
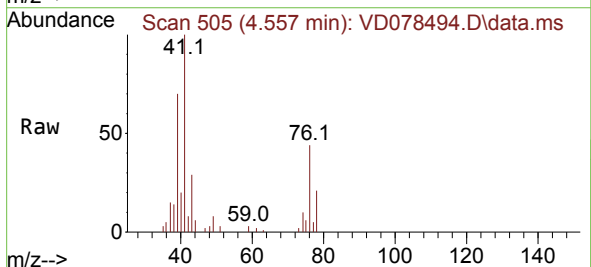
Tgt Ion: 41 Resp: 31718

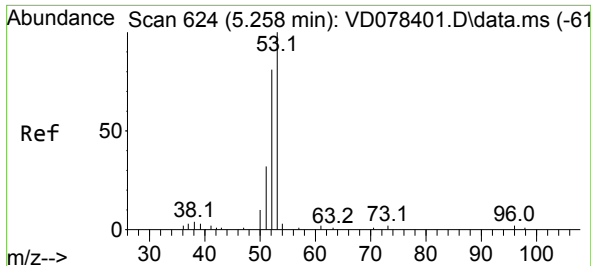
Ion Ratio Lower Upper

41 100

39 73.5 53.8 80.6

76 49.4 45.8 68.8

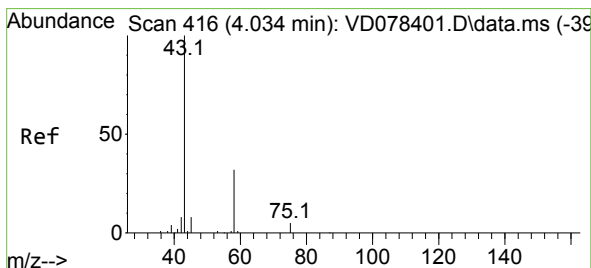
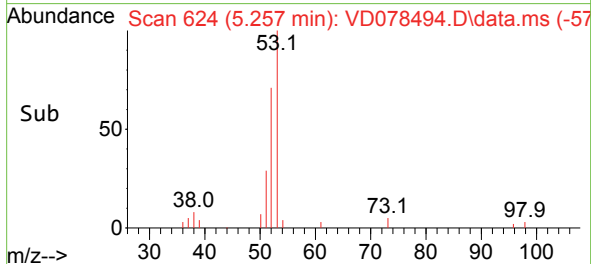
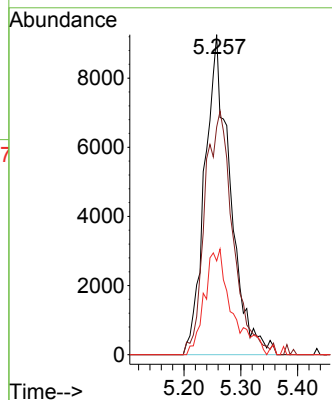
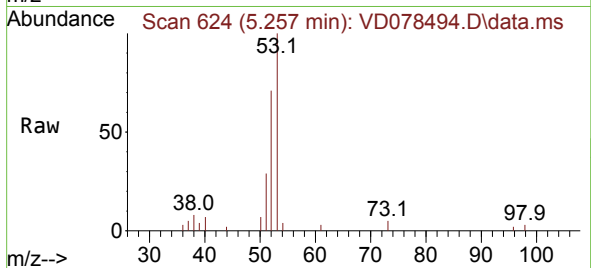




#15
Acrylonitrile
Concen: 114.697 ug/l
RT: 5.257 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54

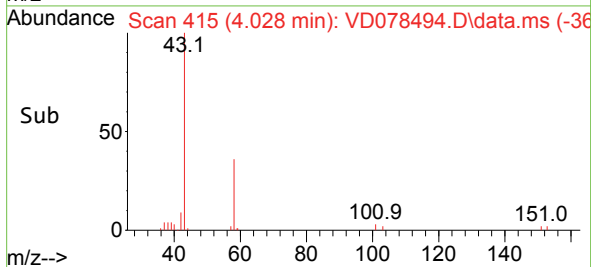
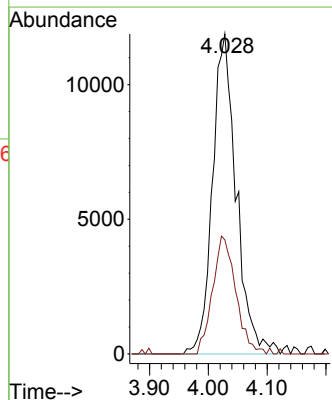
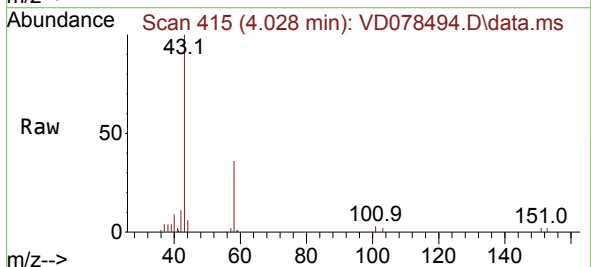
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBS01

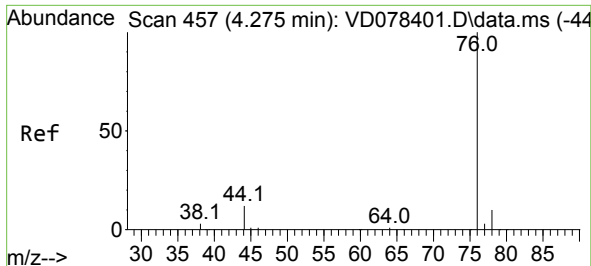
Tgt Ion:	53	Resp:	28870
Ion	Ratio	Lower	Upper
53	100		
52	84.2	65.0	97.4
51	35.0	28.3	42.5



#16
Acetone
Concen: 133.149 ug/l
RT: 4.028 min Scan# 415
Delta R.T. -0.006 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54

Tgt Ion:	43	Resp:	33342
Ion	Ratio	Lower	Upper
43	100		
58	35.7	34.7	52.1

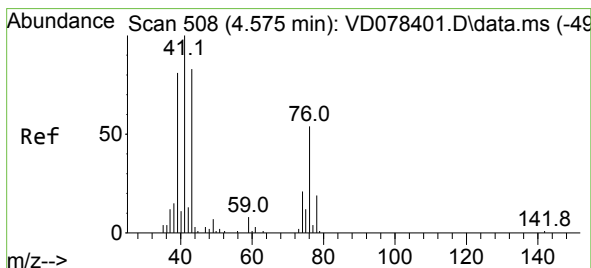
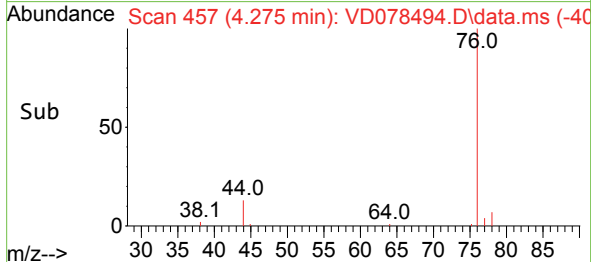
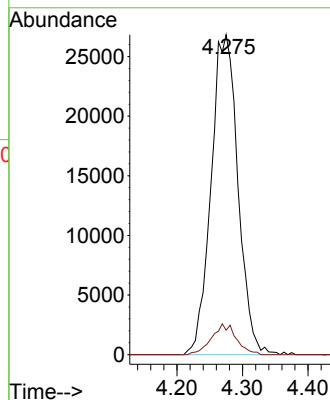
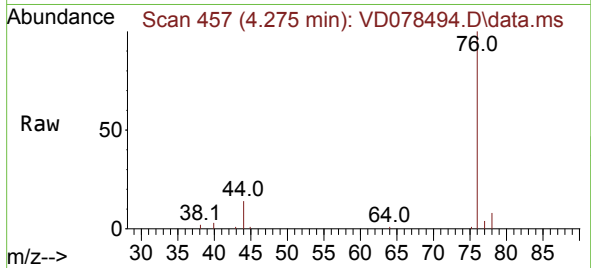




#17
Carbon Disulfide
Concen: 19.008 ug/l
RT: 4.275 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54

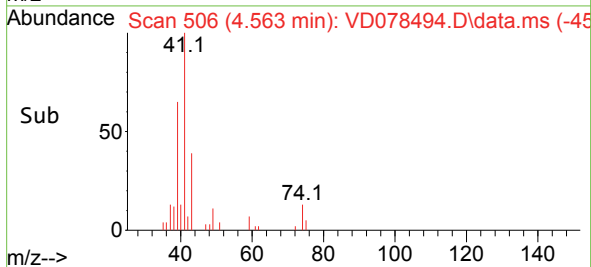
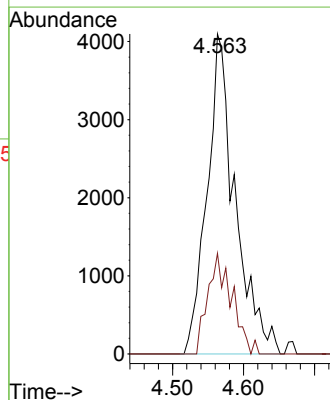
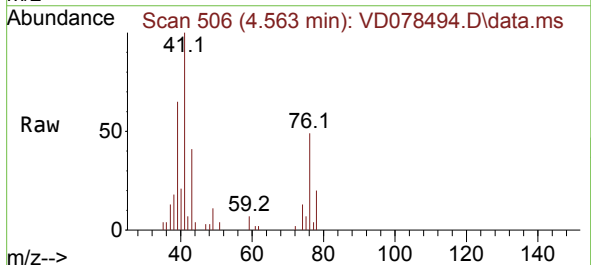
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBS01

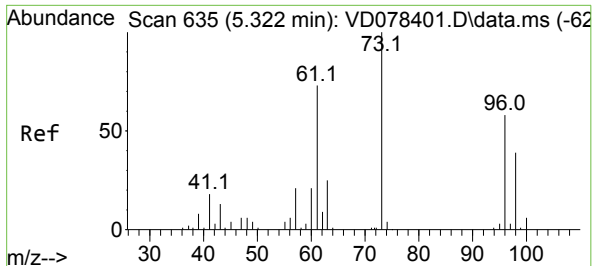
Tgt Ion: 76 Resp: 76363
Ion Ratio Lower Upper
76 100
78 7.7 6.8 10.2



#18
Methyl Acetate
Concen: 16.270 ug/l
RT: 4.563 min Scan# 506
Delta R.T. -0.012 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54

Tgt Ion: 43 Resp: 11277
Ion Ratio Lower Upper
43 100
74 26.9 26.4 39.6

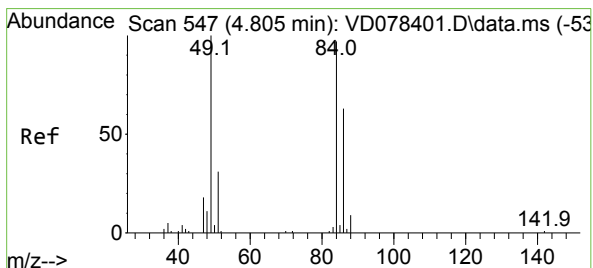
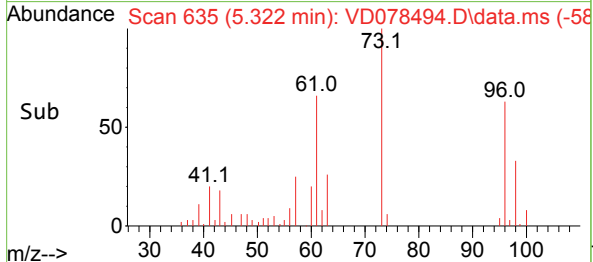
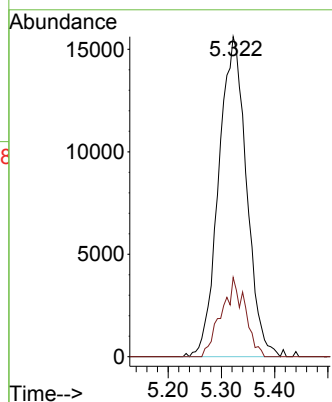
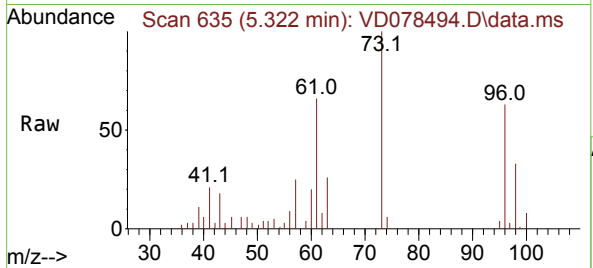




#19
Methyl tert-butyl Ether
Concen: 22.333 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54

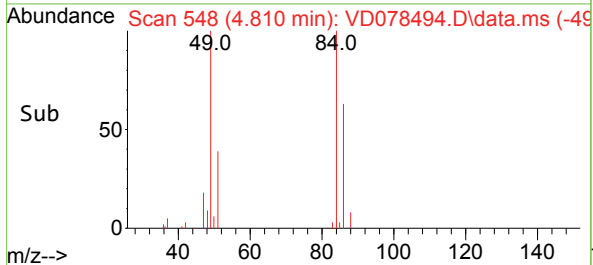
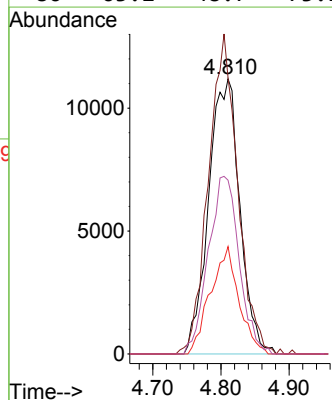
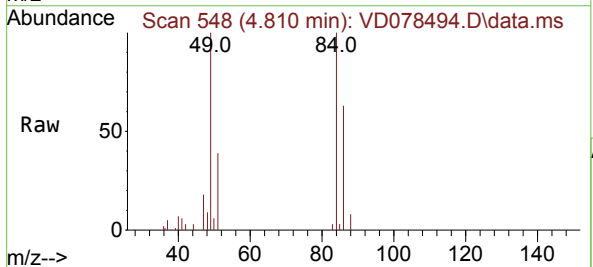
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBS01

Tgt Ion: 73 Resp: 56652
Ion Ratio Lower Upper
73 100
57 24.8 16.6 25.0



#20
Methylene Chloride
Concen: 25.033 ug/l
RT: 4.810 min Scan# 548
Delta R.T. 0.005 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54

Tgt Ion: 84 Resp: 35651
Ion Ratio Lower Upper
84 100
49 98.9 71.4 107.2
51 39.0 24.5 36.7#
86 63.2 48.7 73.1

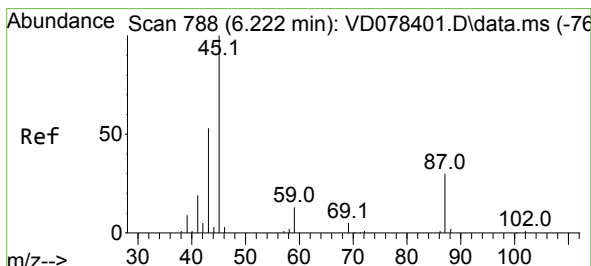
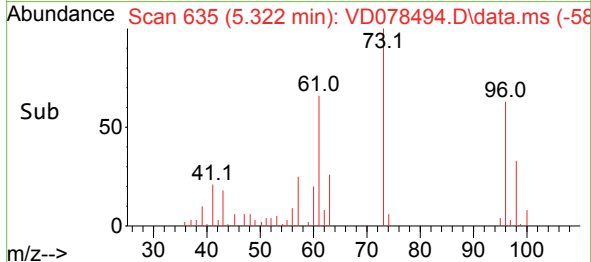
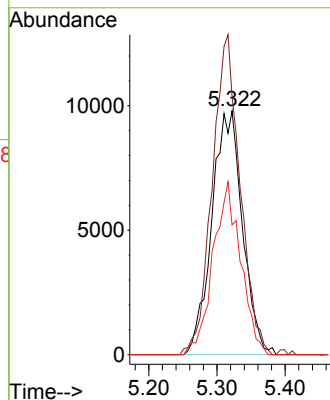
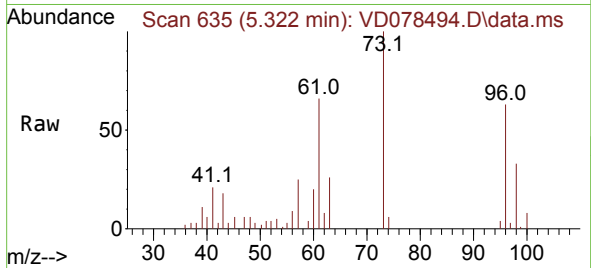




#21
trans-1,2-Dichloroethene
Concen: 21.760 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54

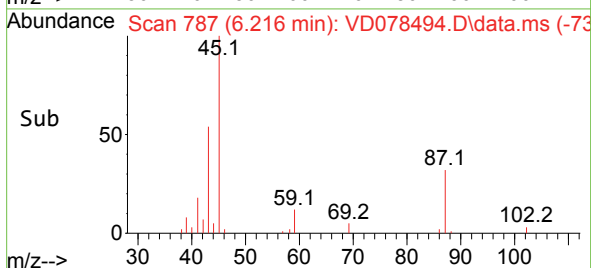
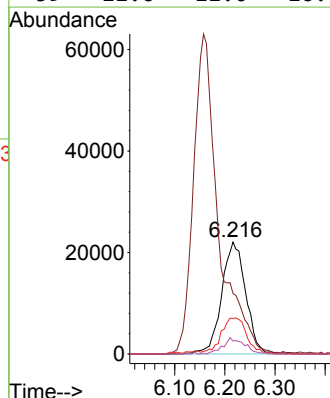
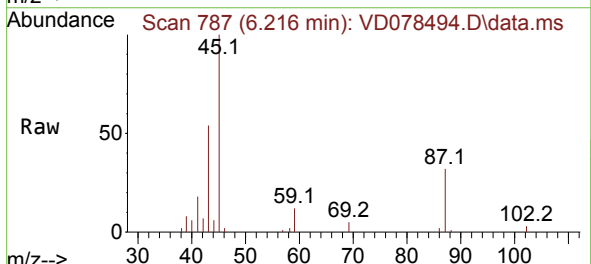
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBS01

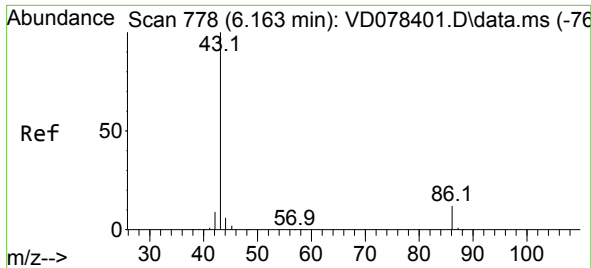
Tgt Ion: 96 Resp: 30564
Ion Ratio Lower Upper
96 100
61 105.8 89.3 133.9
98 53.3 48.6 73.0



#22
Diisopropyl ether
Concen: 22.576 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.006 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54

Tgt Ion: 45 Resp: 73392
Ion Ratio Lower Upper
45 100
43 53.1 40.0 60.0
87 31.8 28.2 42.4
59 11.6 11.0 16.4

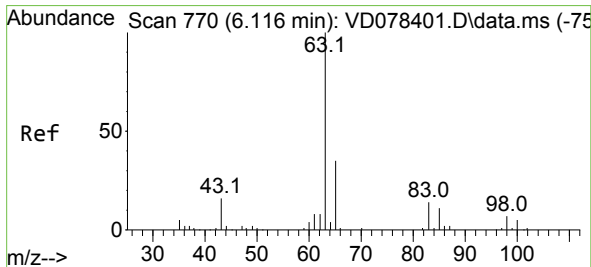
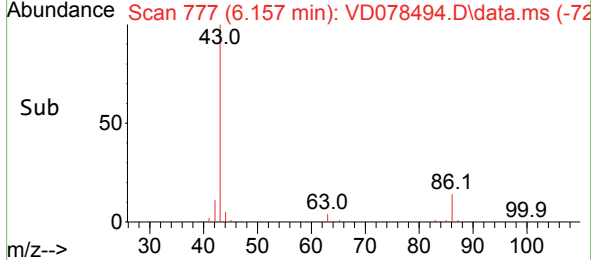
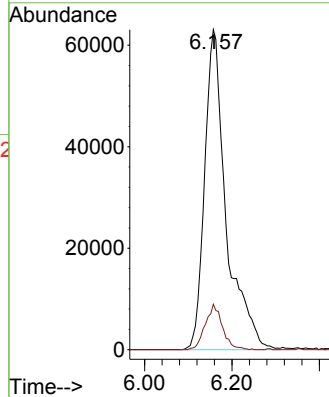
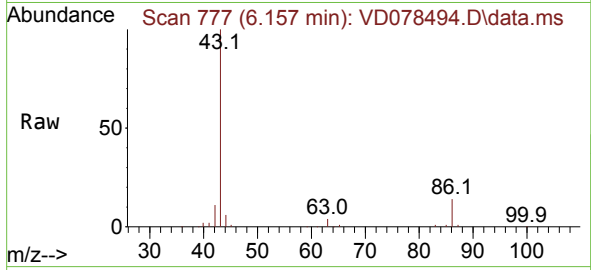




#23
 Vinyl Acetate
 Concen: 157.560 ug/l
 RT: 6.157 min Scan# 711
 Delta R.T. -0.006 min
 Lab File: VD078494.D
 Acq: 21 Feb 2024 11:54

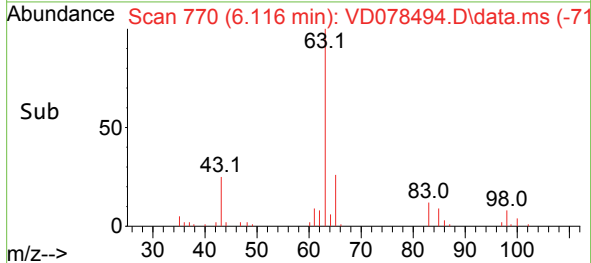
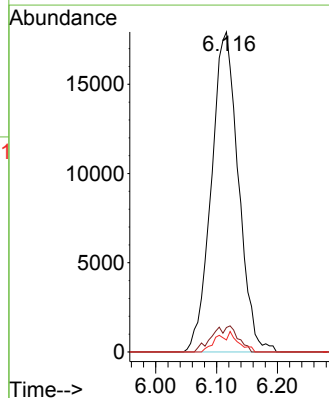
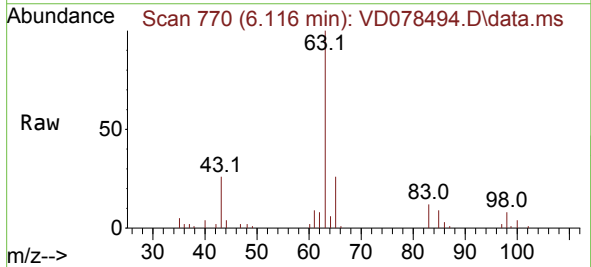
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0221SBS01

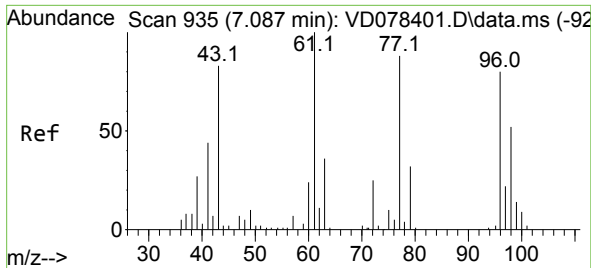
Tgt Ion: 43 Resp: 216837
 Ion Ratio Lower Upper
 43 100
 86 14.2 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 24.035 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. -0.000 min
 Lab File: VD078494.D
 Acq: 21 Feb 2024 11:54

Tgt Ion: 63 Resp: 55351
 Ion Ratio Lower Upper
 63 100
 98 7.6 4.5 13.7
 100 3.7 2.5 7.5

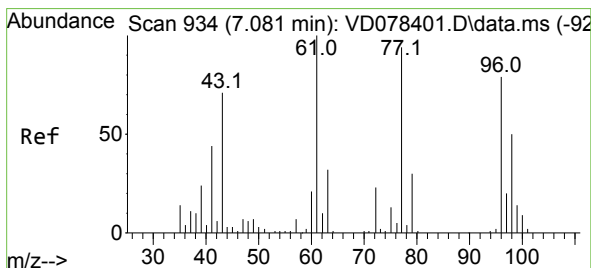
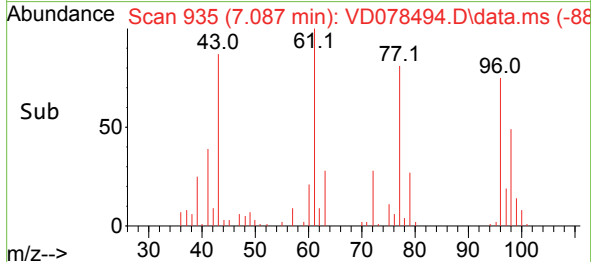
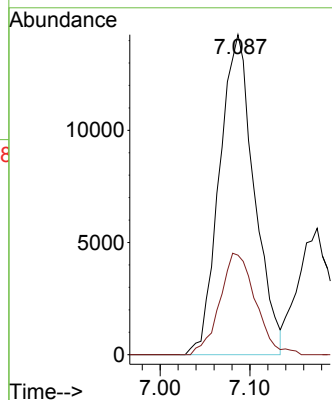
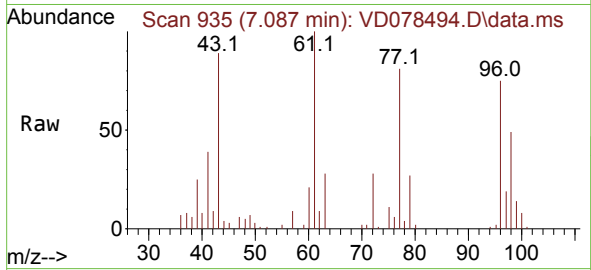




#25
2-Butanone
Concen: 120.119 ug/l
RT: 7.087 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54

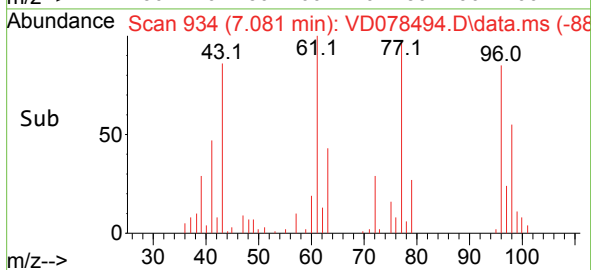
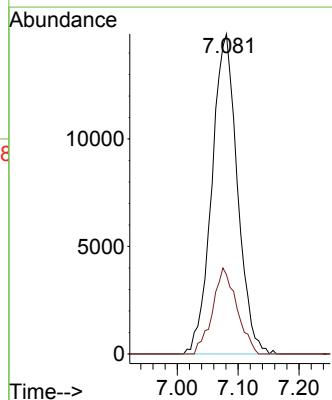
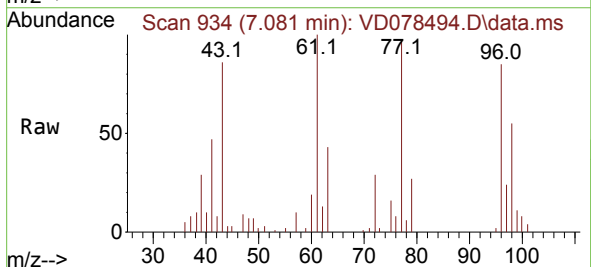
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBS01

Tgt Ion: 43 Resp: 38487
Ion Ratio Lower Upper
43 100
72 31.1 30.7 46.1



#26
2,2-Dichloropropane
Concen: 22.506 ug/l
RT: 7.081 min Scan# 934
Delta R.T. -0.000 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54

Tgt Ion: 77 Resp: 43449
Ion Ratio Lower Upper
77 100
97 25.5 13.2 39.6

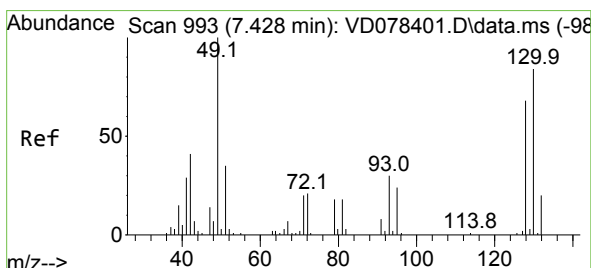
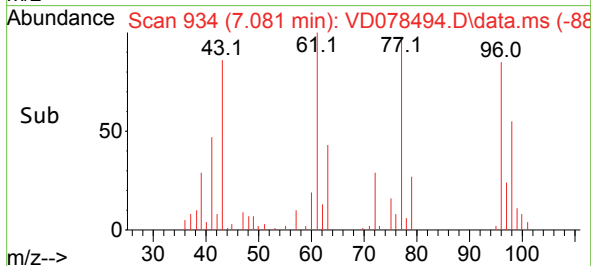
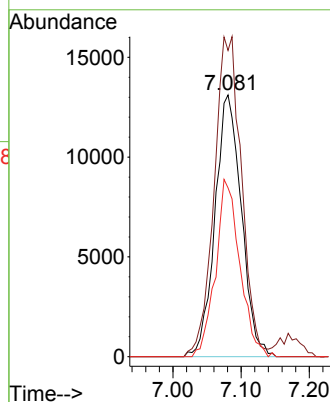
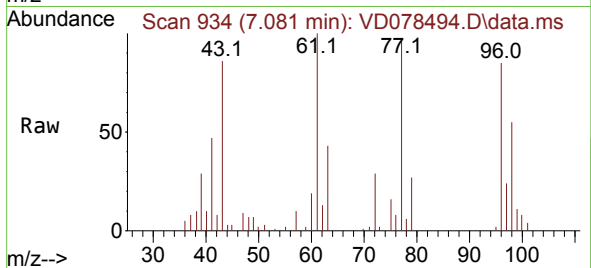




#27
 cis-1,2-Dichloroethene
 Concen: 22.946 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VD078494.D
 Acq: 21 Feb 2024 11:54

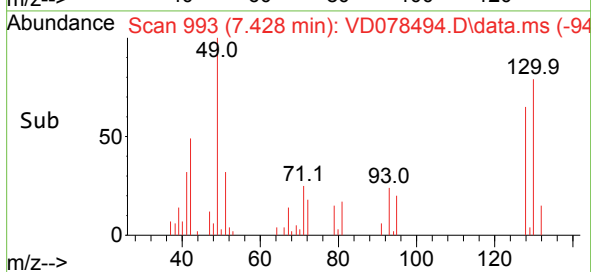
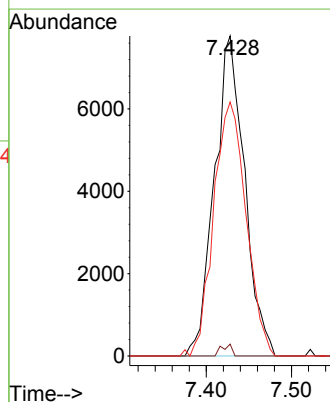
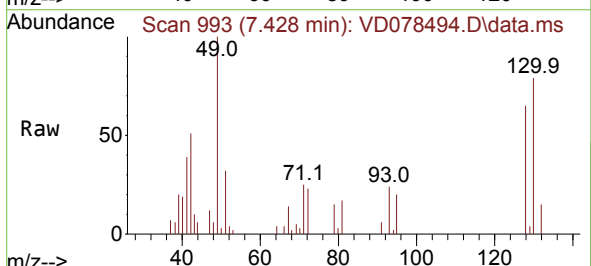
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0221SBS01

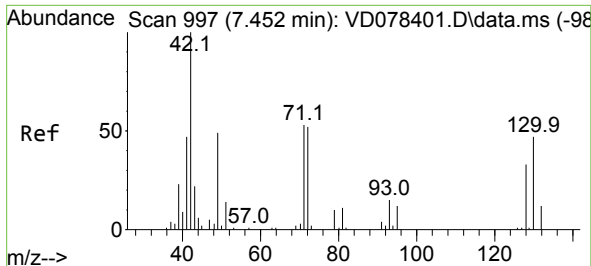
Tgt Ion: 96	Resp:	35360	
Ion	Ratio	Lower	Upper
96	100		
61	126.7	0.0	239.2
98	62.3	0.0	128.6



#28
 Bromochloromethane
 Concen: 20.886 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. -0.000 min
 Lab File: VD078494.D
 Acq: 21 Feb 2024 11:54

Tgt Ion: 49	Resp:	19051	
Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	6.0
130	85.5	83.2	124.8





#29

Tetrahydrofuran

Concen: 114.541 ug/l

RT: 7.451 min Scan# 997

Delta R.T. -0.000 min

Lab File: VD078494.D

Acq: 21 Feb 2024 11:54

Instrument :

MSVOA_D

ClientSampleId :

VD0221SBS01

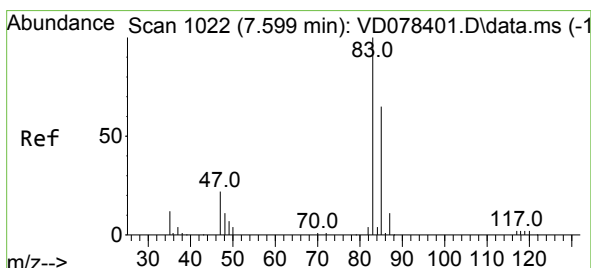
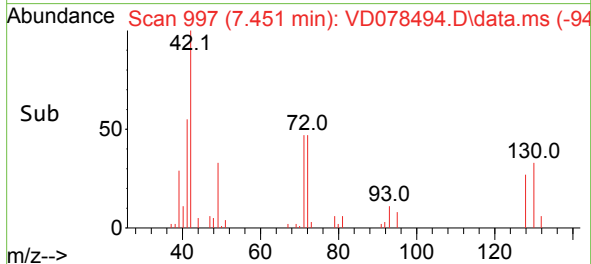
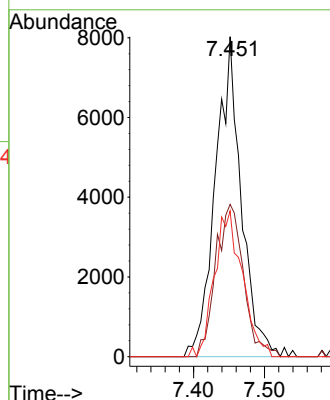
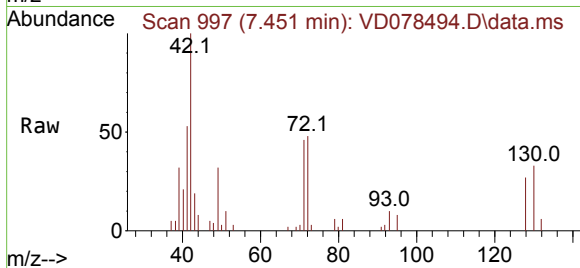
Tgt Ion: 42 Resp: 20172

Ion Ratio Lower Upper

42 100

72 51.5 46.5 69.7

71 49.5 44.5 66.7



#30

Chloroform

Concen: 23.920 ug/l

RT: 7.604 min Scan# 1023

Delta R.T. 0.006 min

Lab File: VD078494.D

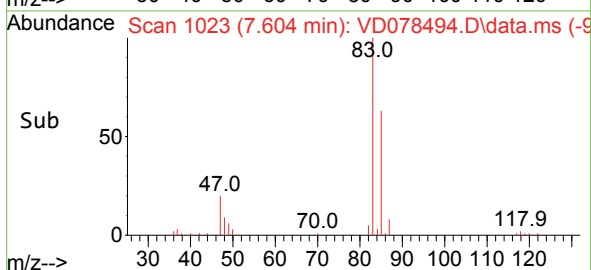
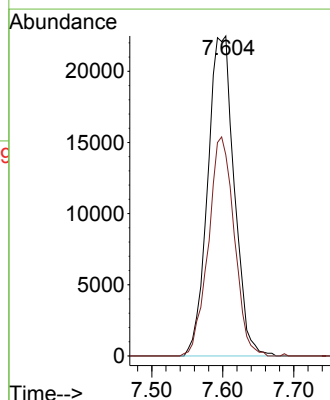
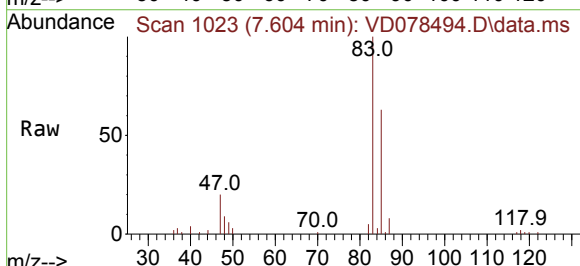
Acq: 21 Feb 2024 11:54

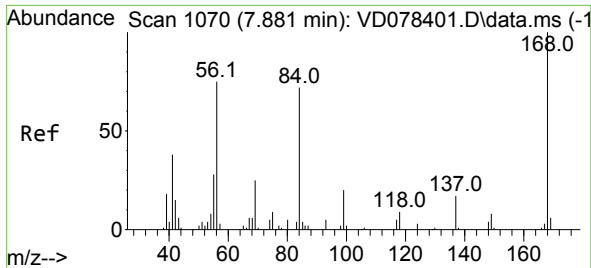
Tgt Ion: 83 Resp: 58283

Ion Ratio Lower Upper

83 100

85 62.9 53.4 80.2

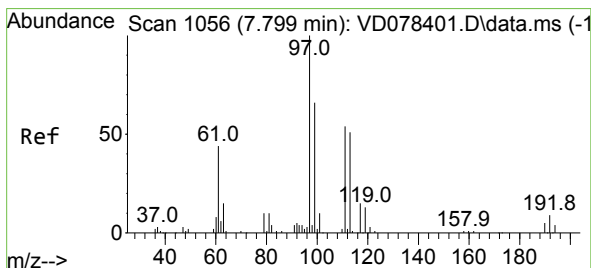
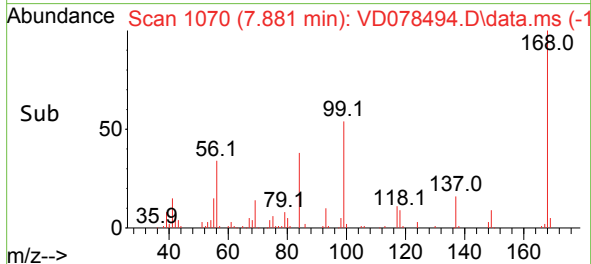
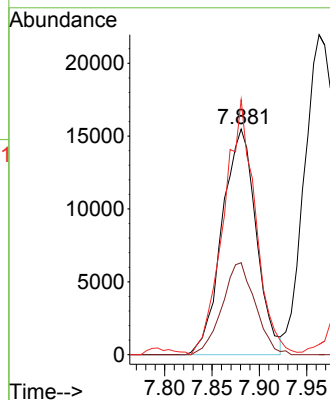
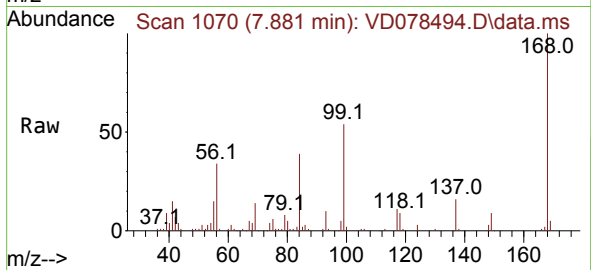




#31
Cyclohexane
Concen: 19.399 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54

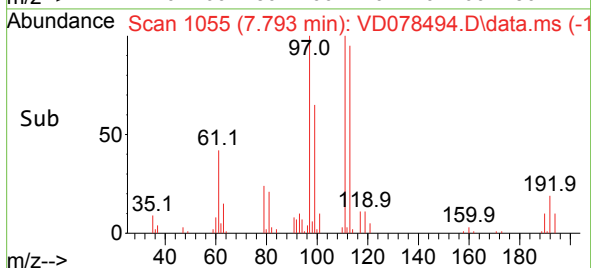
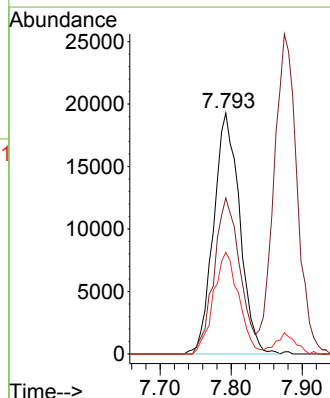
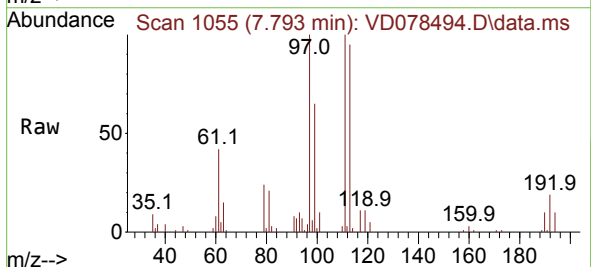
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBS01

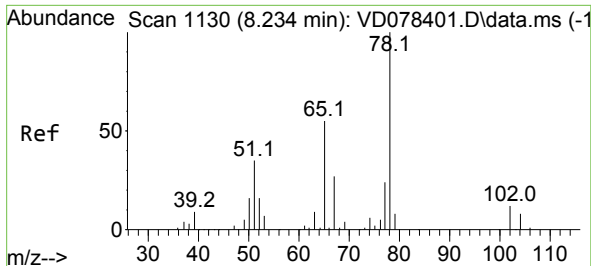
Tgt Ion: 56 Resp: 38860
Ion Ratio Lower Upper
56 100
69 40.8 28.6 43.0
84 111.8 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 23.629 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54

Tgt Ion: 97 Resp: 49088
Ion Ratio Lower Upper
97 100
99 64.1 52.0 78.0
61 41.1 33.8 50.8

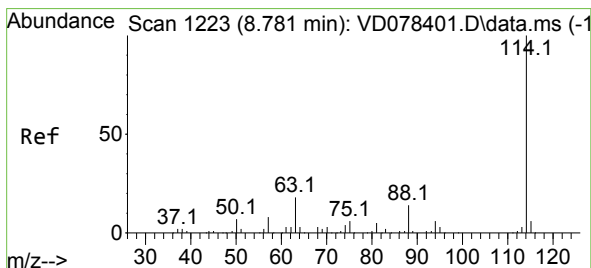
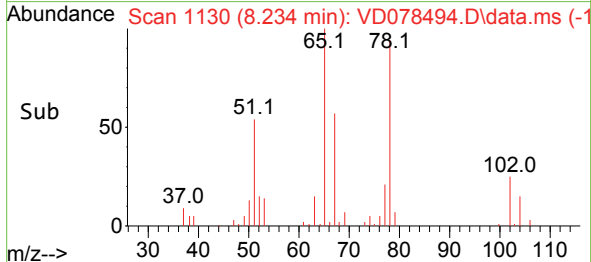
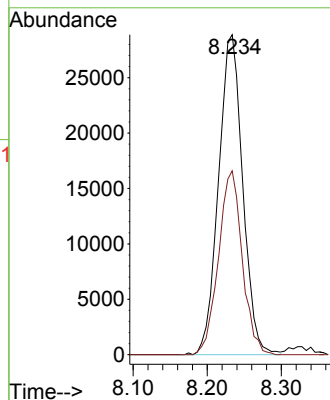
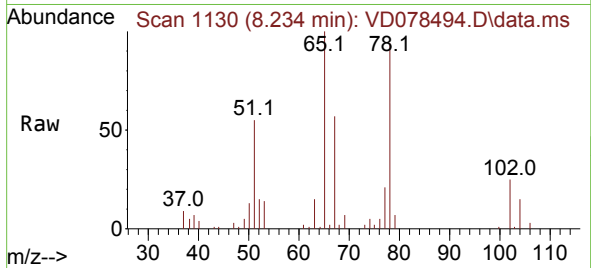




#33
 1,2-Dichloroethane-d4
 Concen: 55.199 ug/l
 RT: 8.234 min Scan# 1130
 Delta R.T. -0.000 min
 Lab File: VD078494.D
 Acq: 21 Feb 2024 11:54

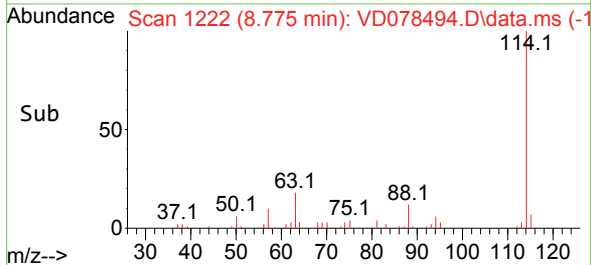
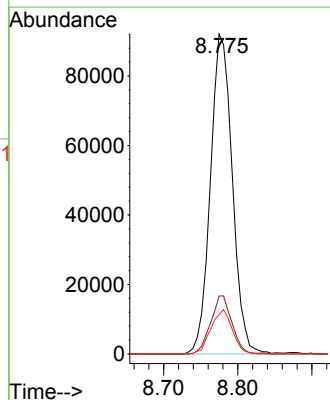
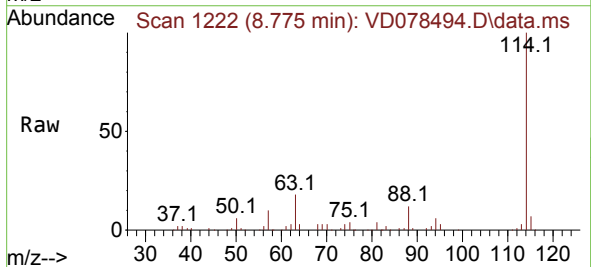
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0221SBS01

Tgt Ion: 65 Resp: 65368
 Ion Ratio Lower Upper
 65 100
 67 56.5 0.0 115.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.775 min Scan# 1222
 Delta R.T. -0.006 min
 Lab File: VD078494.D
 Acq: 21 Feb 2024 11:54

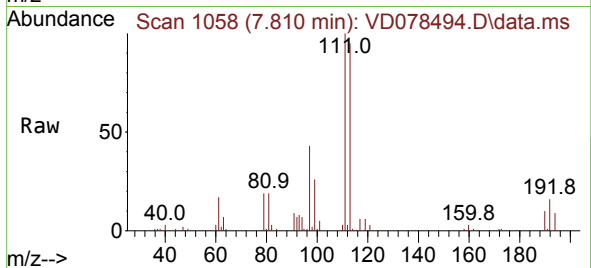
Tgt Ion: 114 Resp: 189194
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 33.4
 88 12.3 0.0 26.2



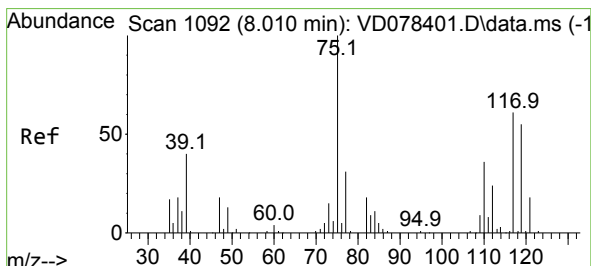
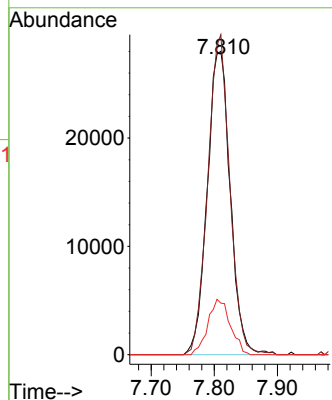
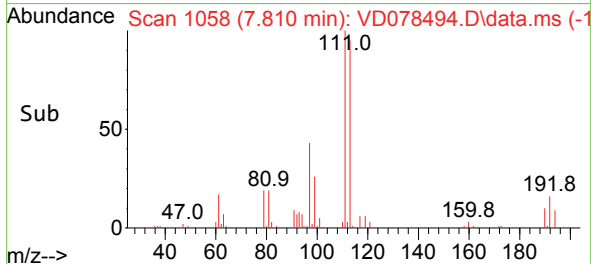


#35
Dibromofluoromethane
Concen: 58.897 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54

Instrument :
MSVOA_D
ClientSampleId :
VD0221SBS01

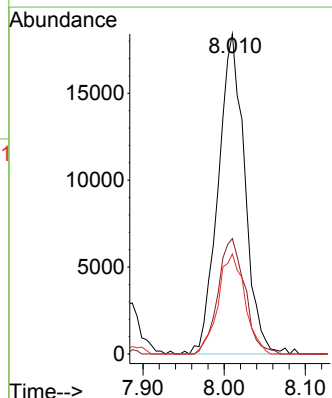
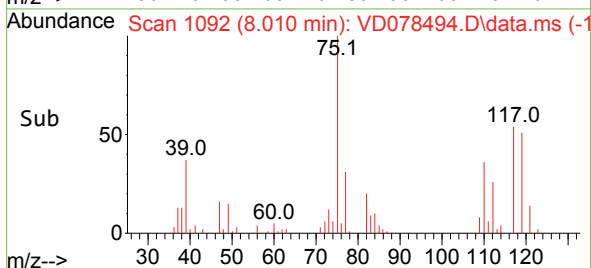
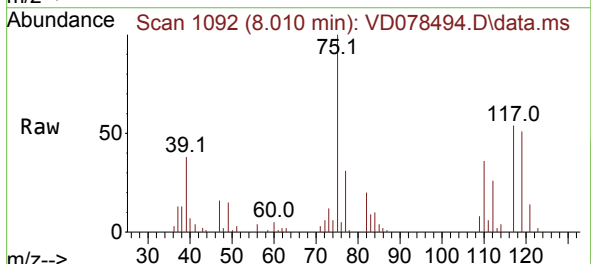


Tgt Ion:113 Resp: 70782
Ion Ratio Lower Upper
113 100
111 101.1 84.7 127.1
192 17.8 16.8 25.2



#36
1,1-Dichloropropene
Concen: 22.354 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54

Tgt Ion: 75 Resp: 41735
Ion Ratio Lower Upper
75 100
110 36.6 19.9 59.6
77 31.7 24.7 37.1





#37

Ethyl Acetate

Concen: 23.661 ug/l

RT: 7.175 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD078494.D

Acq: 21 Feb 2024 11:54

Instrument :

MSVOA_D

ClientSampleId :

VD0221SBS01

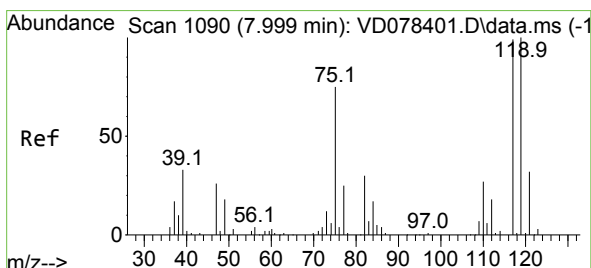
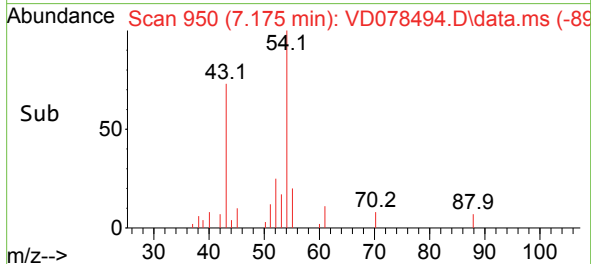
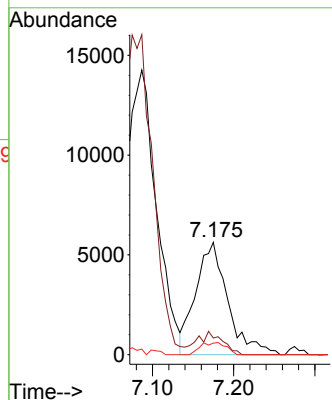
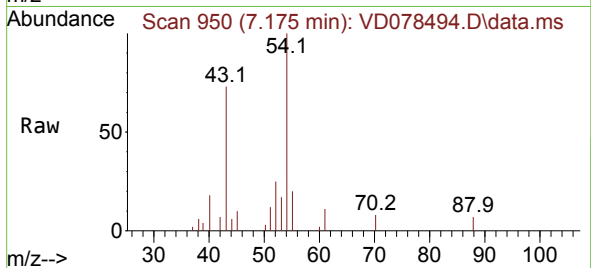
Tgt Ion: 43 Resp: 15485

Ion Ratio Lower Upper

43 100

61 16.2 14.9 22.3

70 8.6 10.0 15.0#



#38

Carbon Tetrachloride

Concen: 22.922 ug/l

RT: 7.987 min Scan# 1088

Delta R.T. -0.012 min

Lab File: VD078494.D

Acq: 21 Feb 2024 11:54

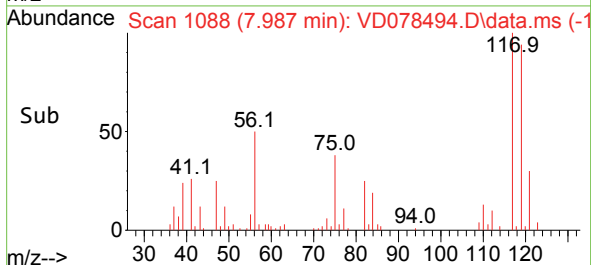
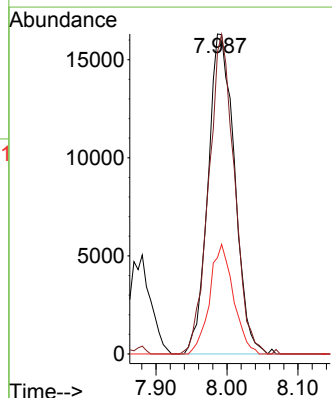
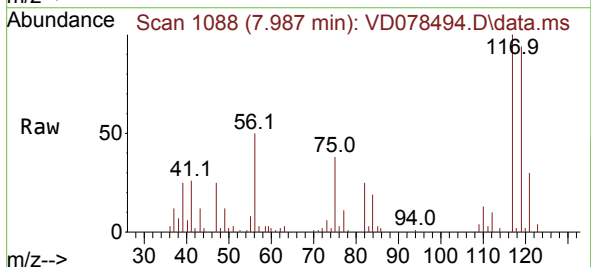
Tgt Ion: 117 Resp: 42381

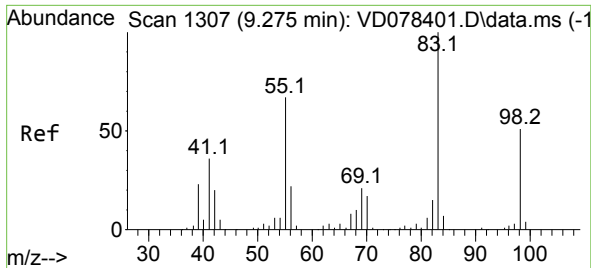
Ion Ratio Lower Upper

117 100

119 94.4 78.0 117.0

121 30.1 24.2 36.2

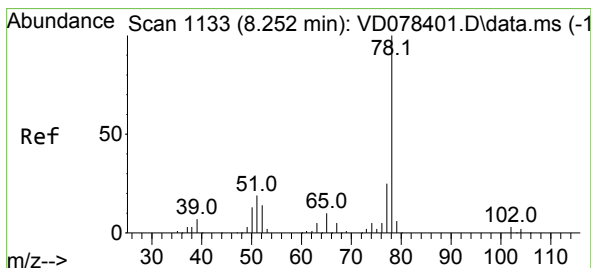
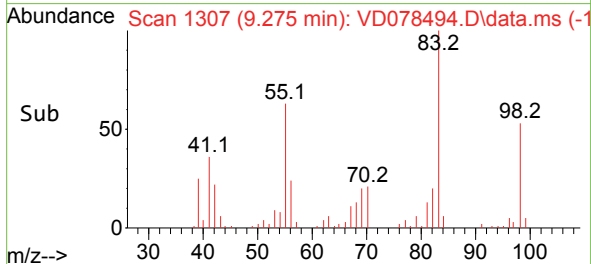
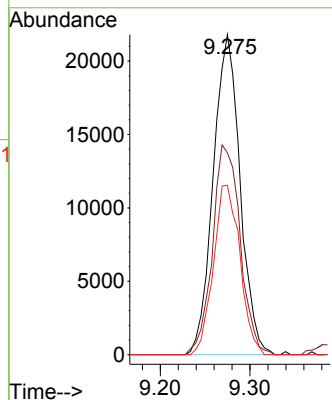
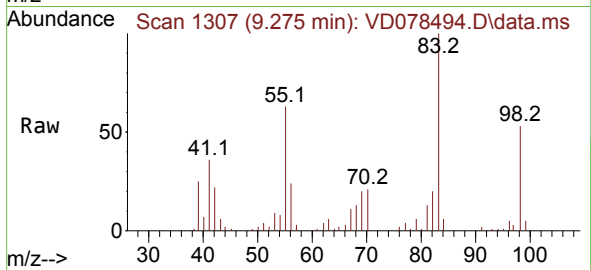




#39
Methylcyclohexane
Concen: 20.461 ug/l
RT: 9.275 min Scan# 11307
Delta R.T. -0.000 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54

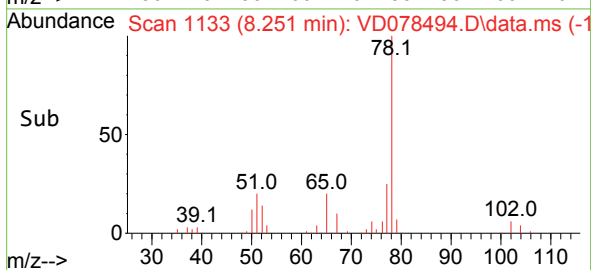
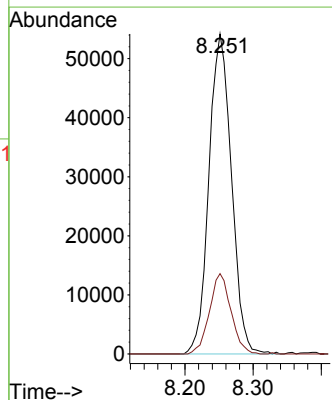
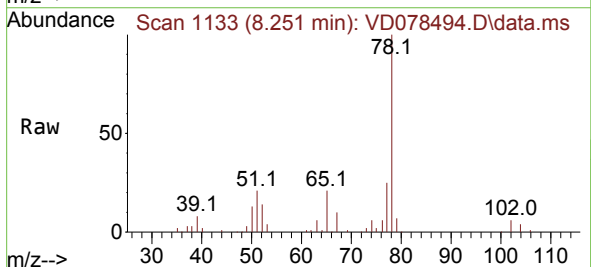
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBS01

Tgt Ion: 83 Resp: 45349
Ion Ratio Lower Upper
83 100
55 63.1 49.4 74.0
98 53.0 38.4 57.6



#40
Benzene
Concen: 23.116 ug/l
RT: 8.251 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54

Tgt Ion: 78 Resp: 124741
Ion Ratio Lower Upper
78 100
77 25.1 19.4 29.0



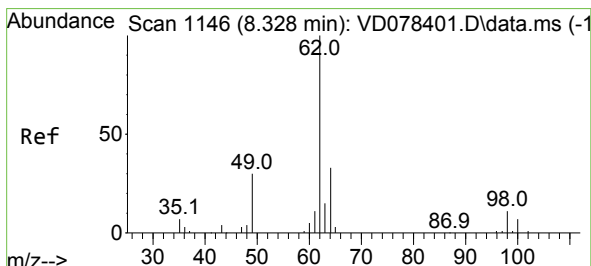
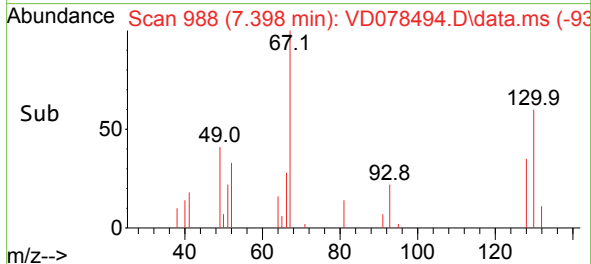
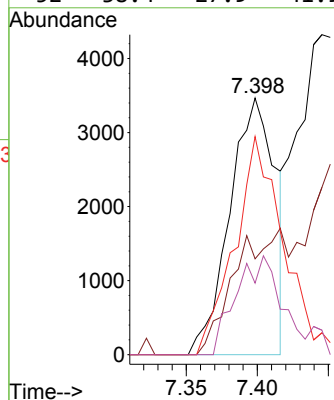
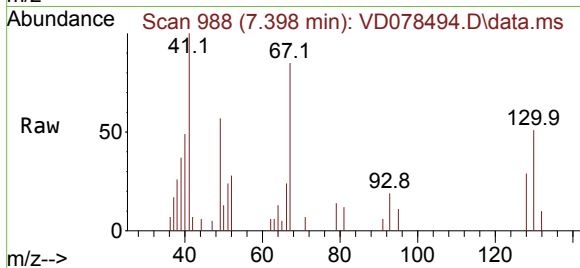


#41
Methacrylonitrile
Concen: 22.757 ug/l
RT: 7.398 min Scan# 911
Delta R.T. -0.006 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54

Instrument :
MSVOA_D
ClientSampleId :
VD0221SBS01

Tgt Ion: 41 Resp: 7751

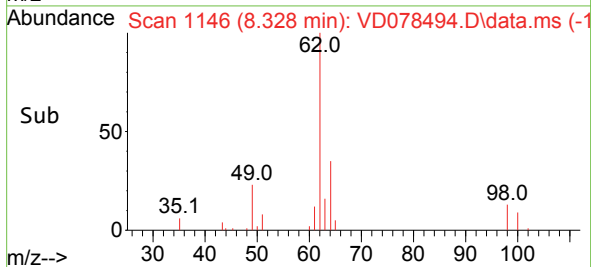
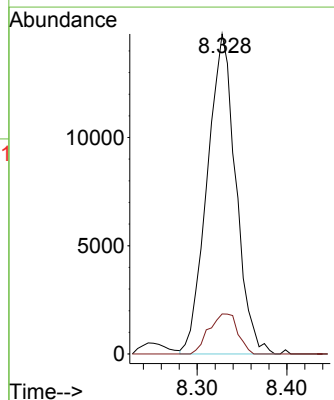
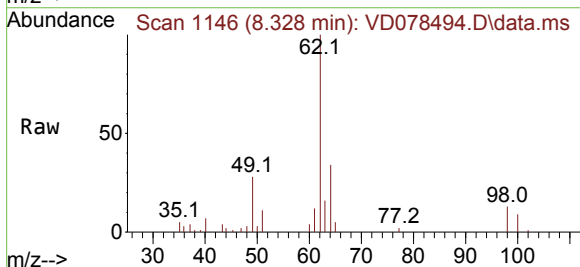
Ion	Ratio	Lower	Upper
41	100		
39	28.3	34.0	51.0#
67	91.1	77.0	115.4
52	38.4	27.9	41.9

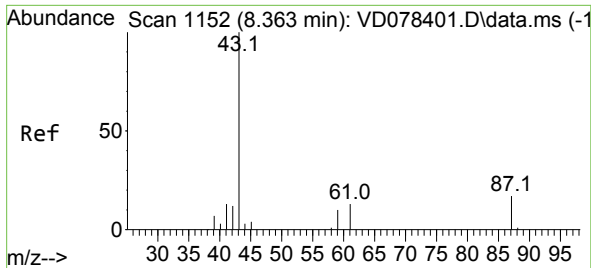


#42
1,2-Dichloroethane
Concen: 23.463 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54

Tgt Ion: 62 Resp: 32761

Ion	Ratio	Lower	Upper
62	100		
98	12.5	0.0	25.4

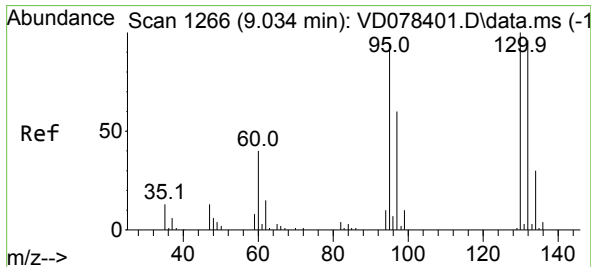
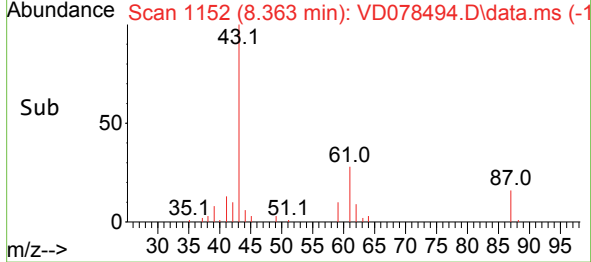
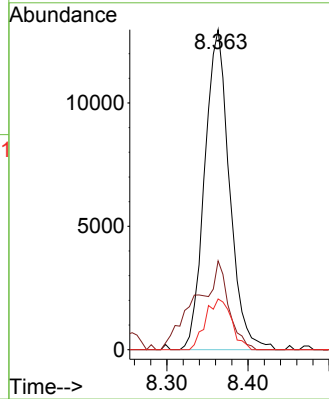
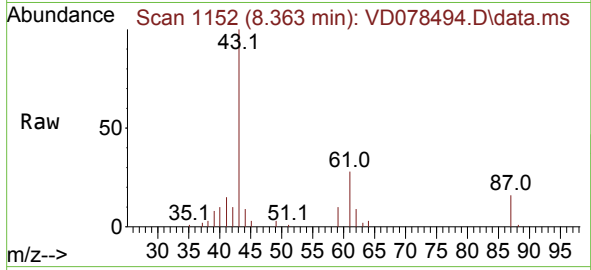




#43
Isopropyl Acetate
Concen: 22.707 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. -0.000 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54

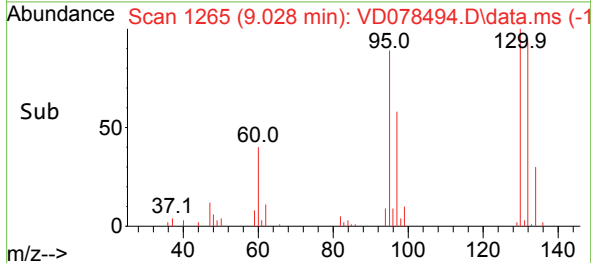
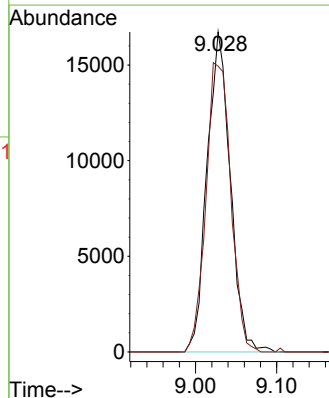
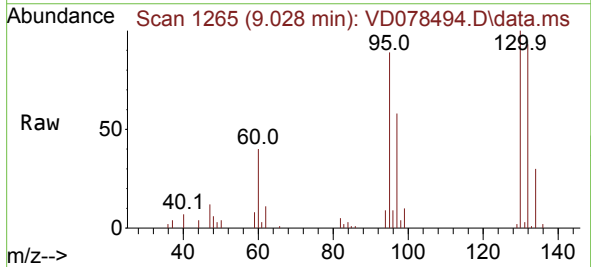
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBS01

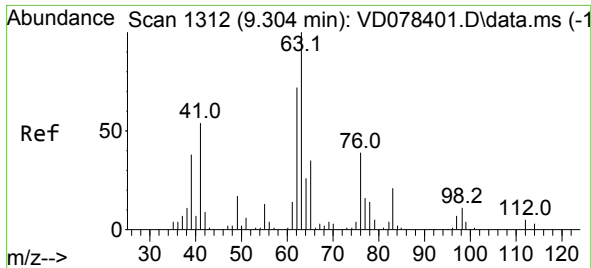
Tgt Ion: 43	Resp: 27518
Ion Ratio	Lower Upper
43 100	
61 36.7	31.4 47.0
87 16.6	14.9 22.3



#44
Trichloroethene
Concen: 24.128 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.006 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54

Tgt Ion:130	Resp: 33217
Ion Ratio	Lower Upper
130 100	
95 89.3	0.0 179.2





#45

1,2-Dichloropropane

Concen: 23.426 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VD078494.D

Acq: 21 Feb 2024 11:54

Instrument :

MSVOA_D

ClientSampleId :

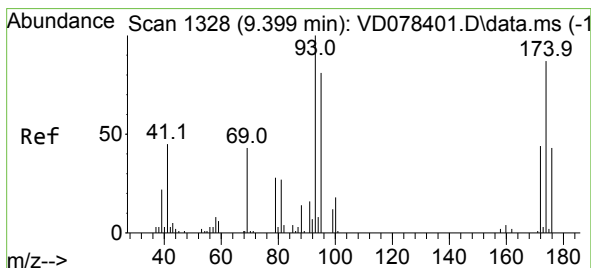
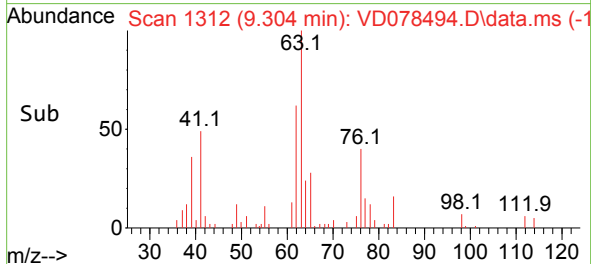
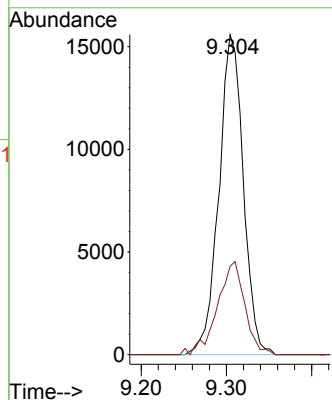
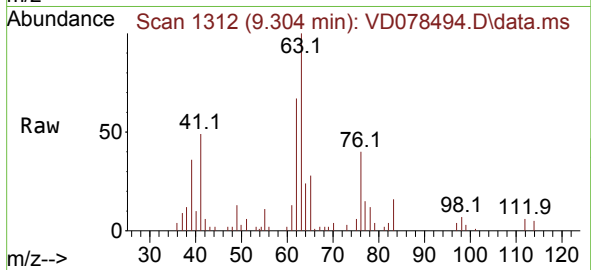
VD0221SBS01

Tgt Ion: 63 Resp: 31017

Ion Ratio Lower Upper

63 100

65 27.6 24.5 36.7



#46

Dibromomethane

Concen: 24.135 ug/l

RT: 9.398 min Scan# 1328

Delta R.T. -0.000 min

Lab File: VD078494.D

Acq: 21 Feb 2024 11:54

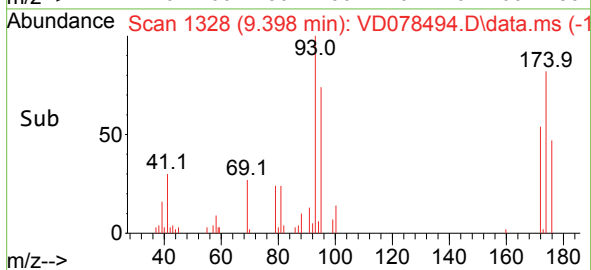
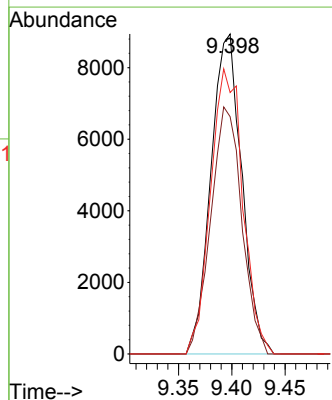
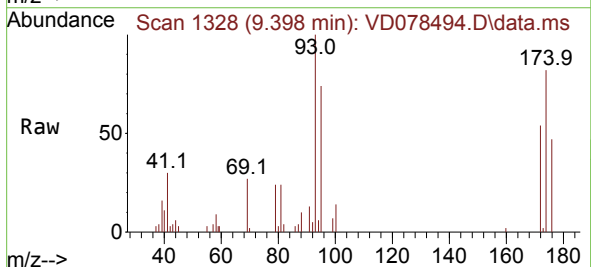
Tgt Ion: 93 Resp: 17974

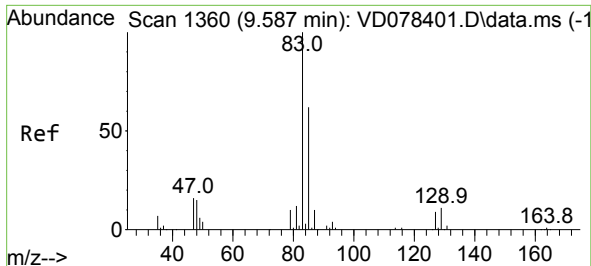
Ion Ratio Lower Upper

93 100

95 77.7 67.7 101.5

174 93.2 85.4 128.2

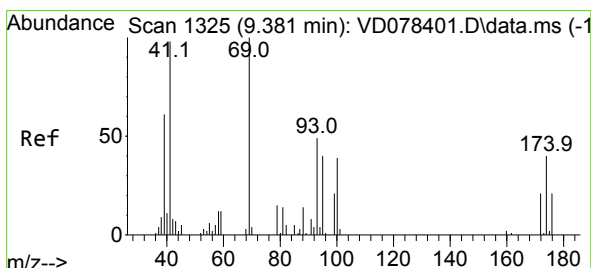
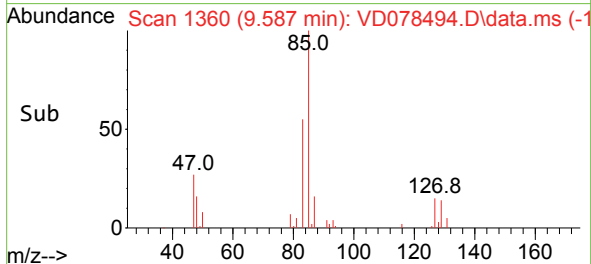
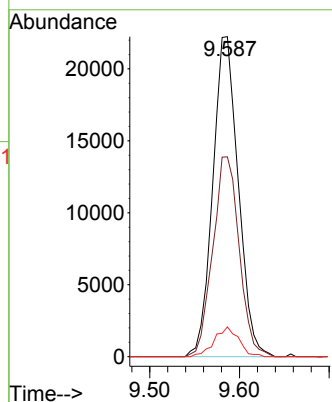
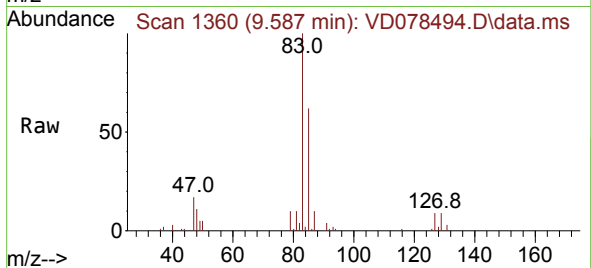




#47
Bromodichloromethane
Concen: 23.781 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54

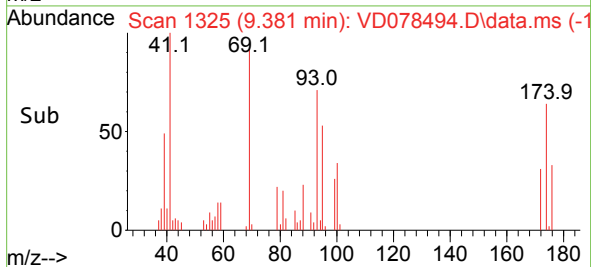
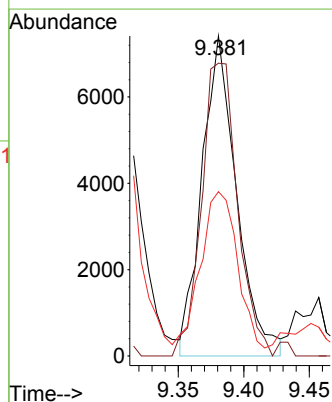
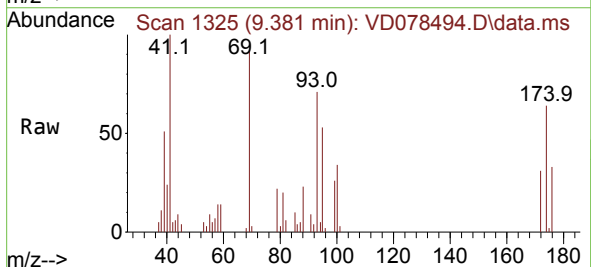
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBS01

Tgt Ion: 83 Resp: 43865
Ion Ratio Lower Upper
83 100
85 62.4 50.2 75.4
127 9.3 6.3 9.5



#48
Methyl methacrylate
Concen: 21.142 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54

Tgt Ion: 41 Resp: 13593
Ion Ratio Lower Upper
41 100
69 95.3 102.2 153.2#
39 52.1 41.4 62.2





#49

1,4-Dioxane

Concen: 459.639 ug/l

RT: 9.392 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD078494.D

Acq: 21 Feb 2024 11:54

Instrument :

MSVOA_D

ClientSampleId :

VD0221SBS01

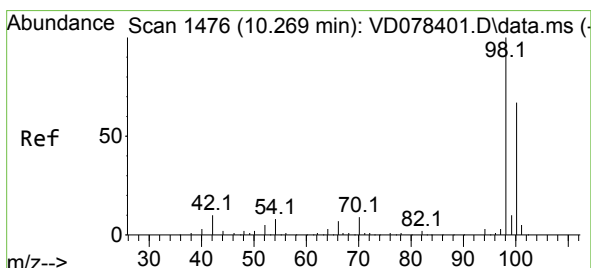
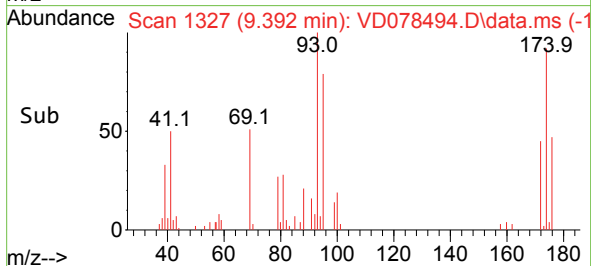
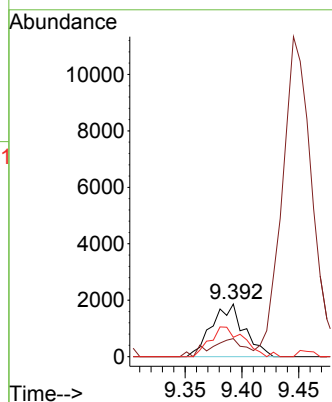
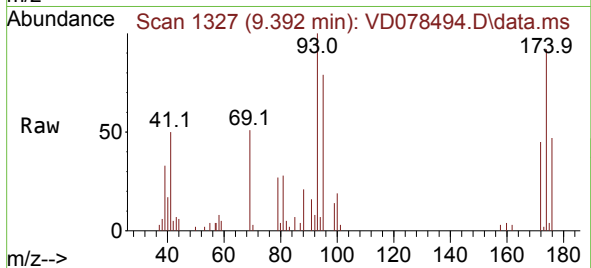
Tgt Ion: 88 Resp: 3707

Ion Ratio Lower Upper

88 100

43 36.0 19.0 28.6#

58 58.6 43.5 65.3



#50

Toluene-d8

Concen: 57.406 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD078494.D

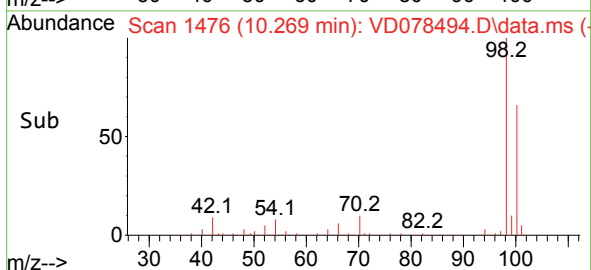
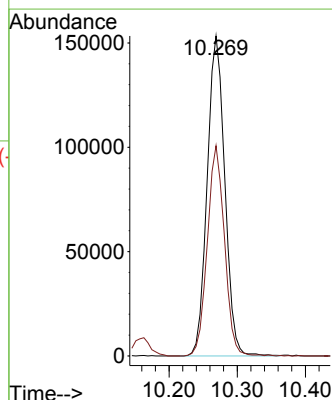
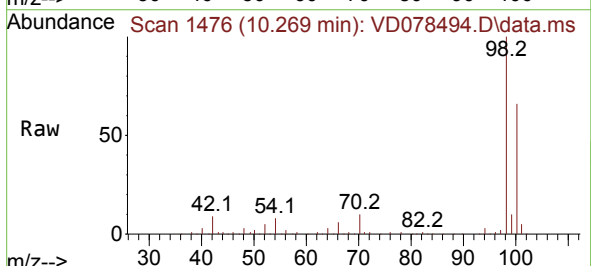
Acq: 21 Feb 2024 11:54

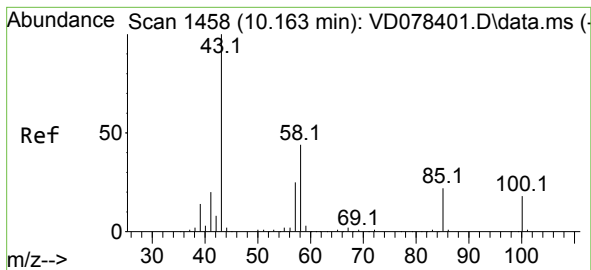
Tgt Ion: 98 Resp: 275977

Ion Ratio Lower Upper

98 100

100 64.0 50.3 75.5

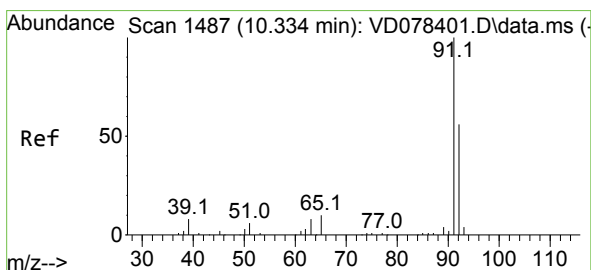
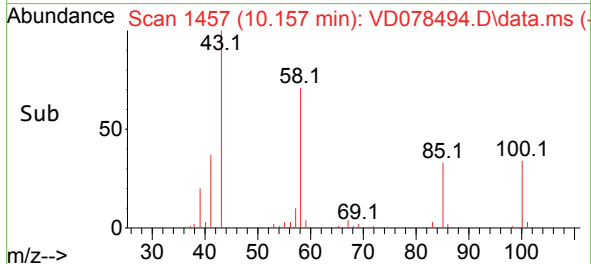
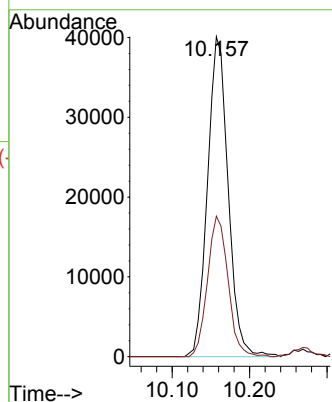
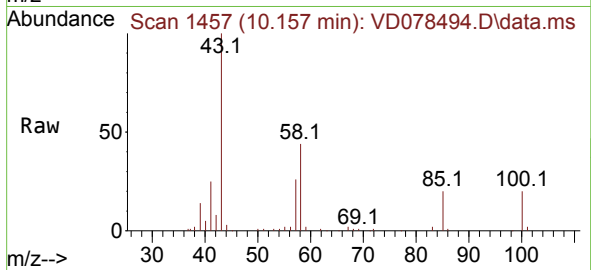




#51
4-Methyl-2-Pentanone
Concen: 115.330 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.006 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54

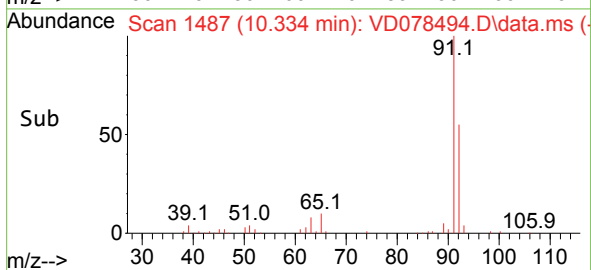
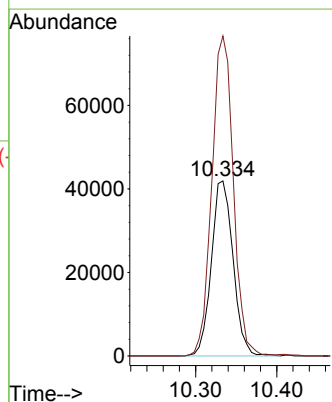
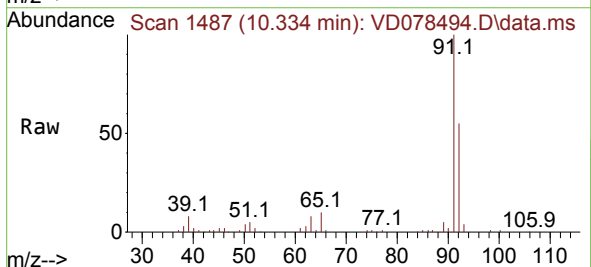
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBS01

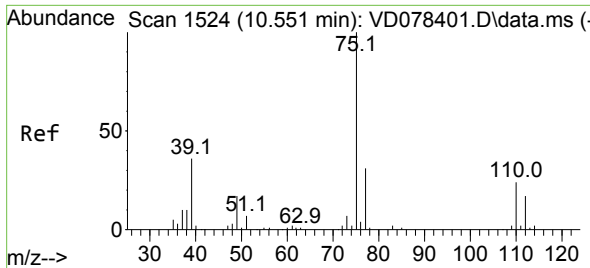
Tgt Ion: 43 Resp: 74181
Ion Ratio Lower Upper
43 100
58 43.7 38.9 58.3



#52
Toluene
Concen: 22.806 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54

Tgt Ion: 92 Resp: 77827
Ion Ratio Lower Upper
92 100
91 181.1 143.0 214.4

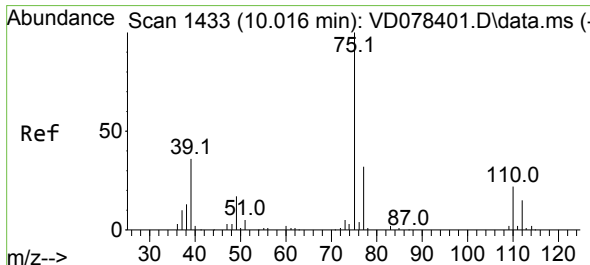
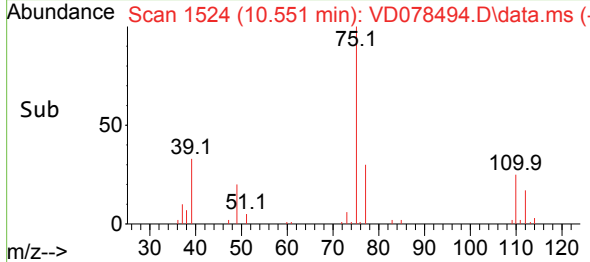
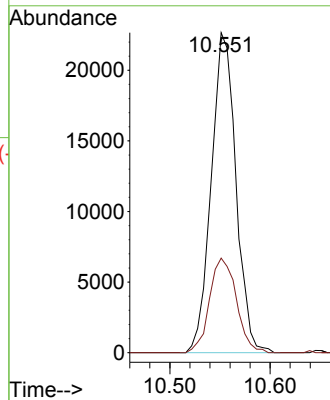
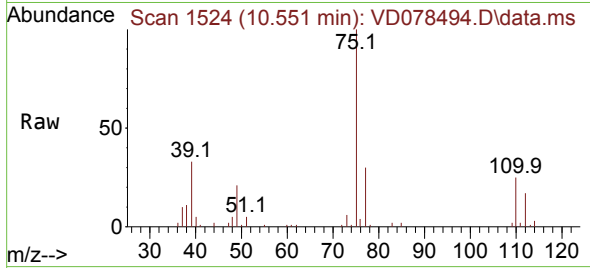




#53
 t-1,3-Dichloropropene
 Concen: 23.042 ug/l
 RT: 10.551 min Scan# 1524
 Delta R.T. -0.000 min
 Lab File: VD078494.D
 Acq: 21 Feb 2024 11:54

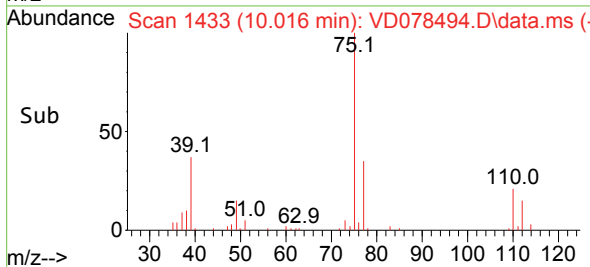
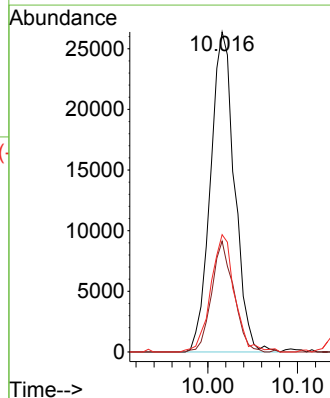
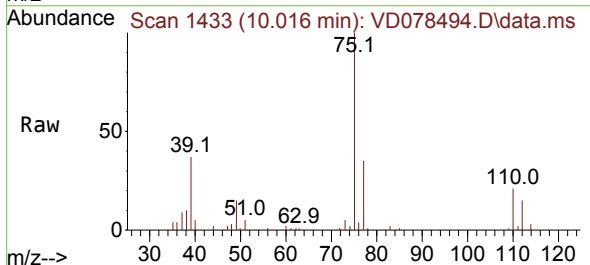
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0221SBS01

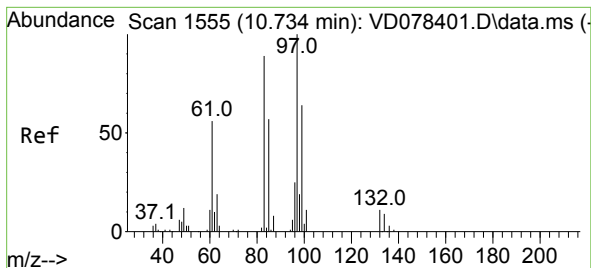
Tgt Ion: 75 Resp: 38782
 Ion Ratio Lower Upper
 75 100
 77 29.5 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 24.066 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD078494.D
 Acq: 21 Feb 2024 11:54

Tgt Ion: 75 Resp: 49116
 Ion Ratio Lower Upper
 75 100
 77 34.6 25.5 38.3
 39 36.6 22.1 33.1#





#55

1,1,2-Trichloroethane

Concen: 24.387 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VD078494.D

Acq: 21 Feb 2024 11:54

Instrument :

MSVOA_D

ClientSampleId :

VD0221SBS01

Tgt Ion: 97 Resp: 24458

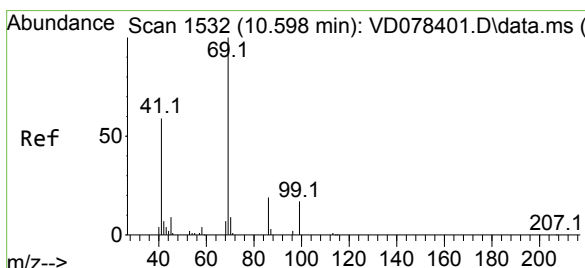
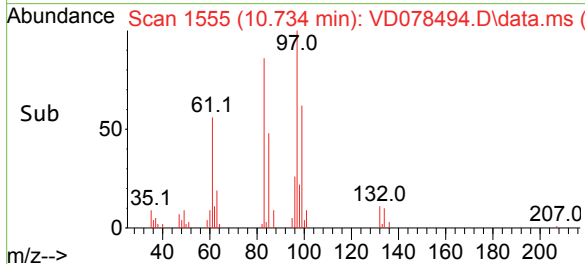
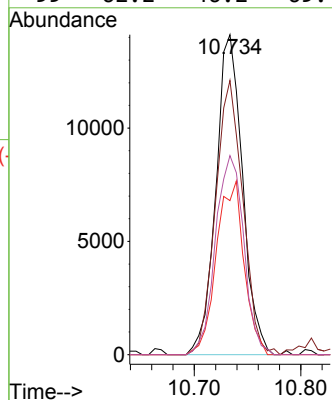
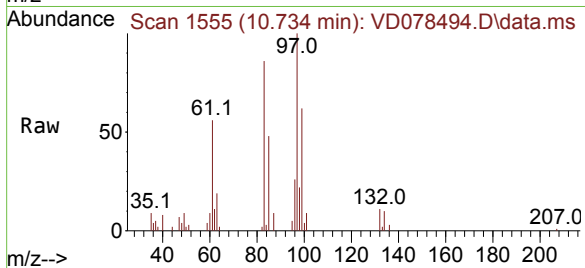
Ion Ratio Lower Upper

97 100

83 85.7 65.8 98.6

85 48.1 45.7 68.5

99 62.2 46.2 69.4



#56

Ethyl methacrylate

Concen: 26.884 ug/l

RT: 10.598 min Scan# 1532

Delta R.T. -0.000 min

Lab File: VD078494.D

Acq: 21 Feb 2024 11:54

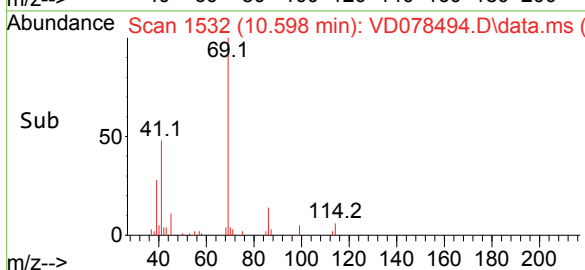
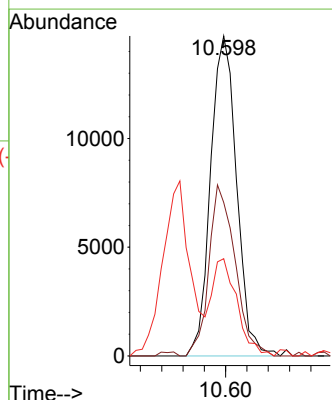
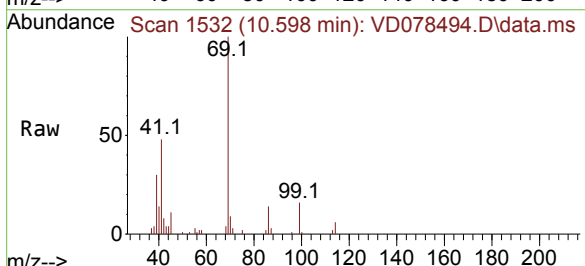
Tgt Ion: 69 Resp: 24936

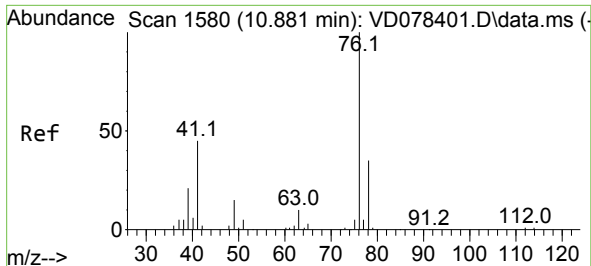
Ion Ratio Lower Upper

69 100

41 53.8 39.1 58.7

39 29.1 20.0 30.0





#57

1,3-Dichloropropane

Concen: 23.739 ug/l

RT: 10.875 min Scan# 1579

Delta R.T. -0.006 min

Lab File: VD078494.D

Acq: 21 Feb 2024 11:54

Instrument :

MSVOA_D

ClientSampleId :

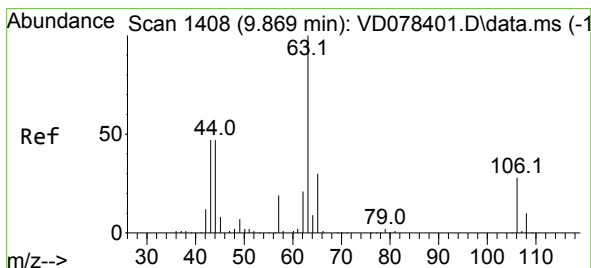
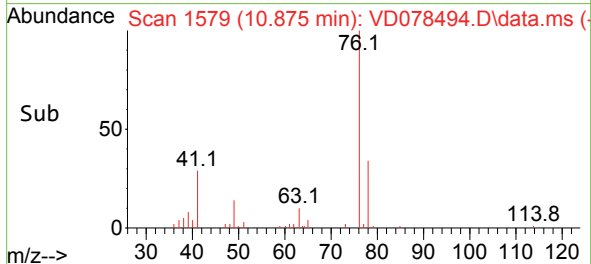
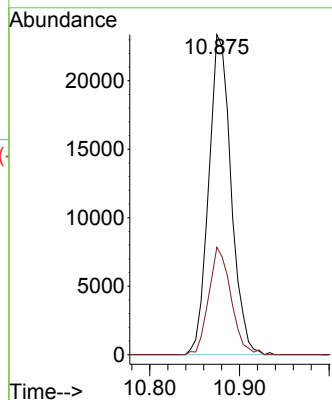
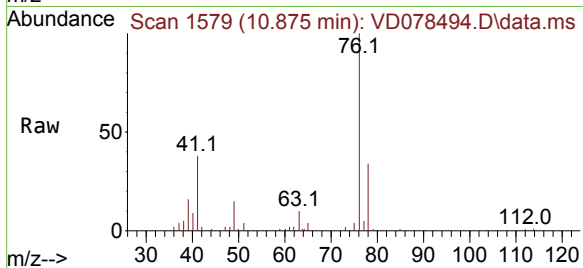
VD0221SBS01

Tgt Ion: 76 Resp: 40499

Ion Ratio Lower Upper

76 100

78 33.4 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 123.524 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD078494.D

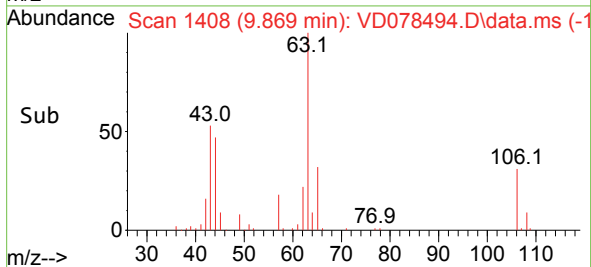
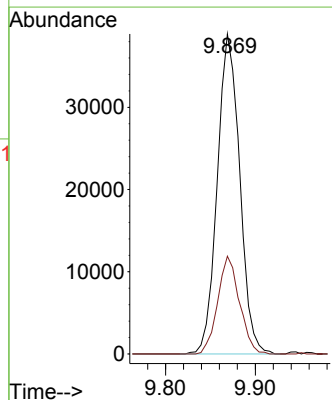
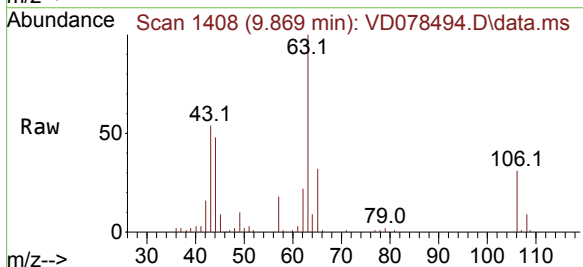
Acq: 21 Feb 2024 11:54

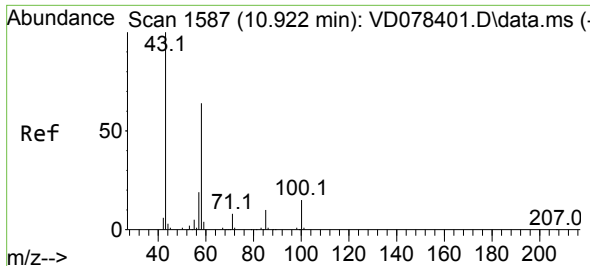
Tgt Ion: 63 Resp: 67489

Ion Ratio Lower Upper

63 100

106 29.7 25.3 37.9

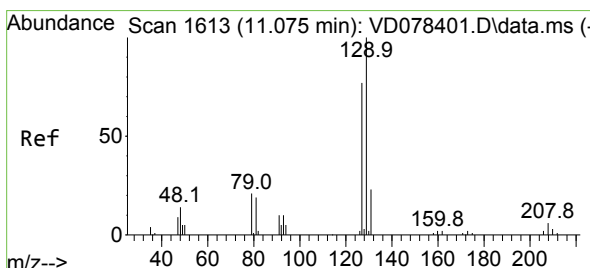
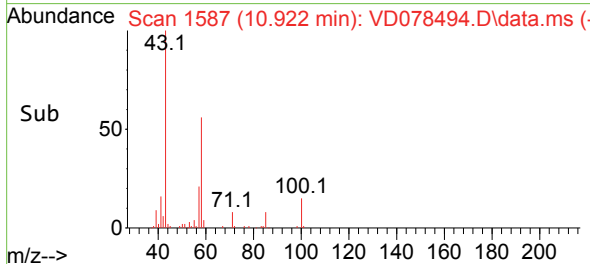
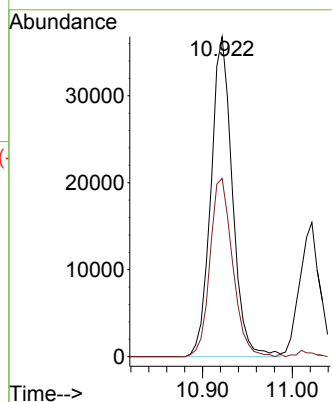
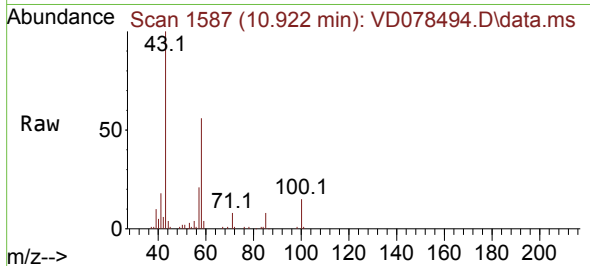




#59
2-Hexanone
Concen: 126.621 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54

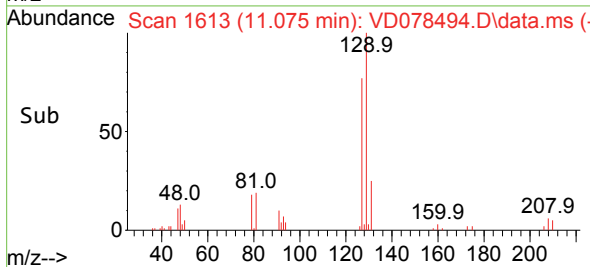
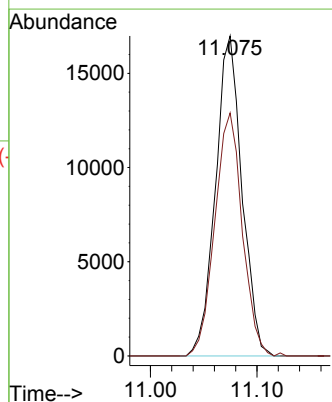
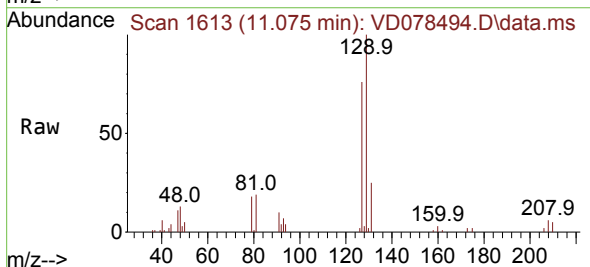
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBS01

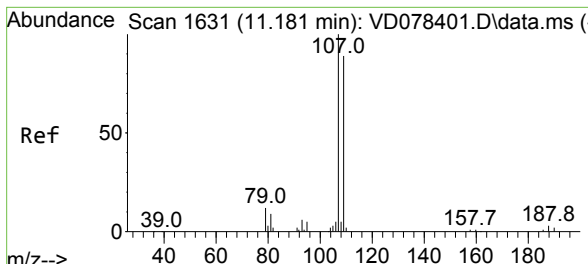
Tgt Ion: 43 Resp: 61206
Ion Ratio Lower Upper
43 100
58 58.5 34.1 102.2



#60
Dibromochloromethane
Concen: 24.309 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54

Tgt Ion: 129 Resp: 29333
Ion Ratio Lower Upper
129 100
127 78.8 37.1 111.5

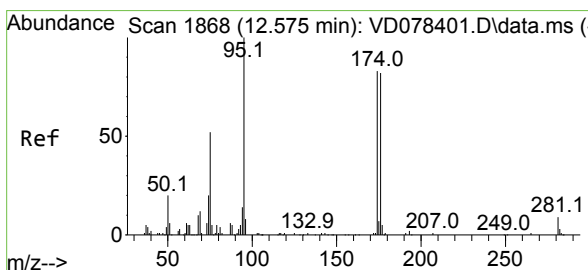
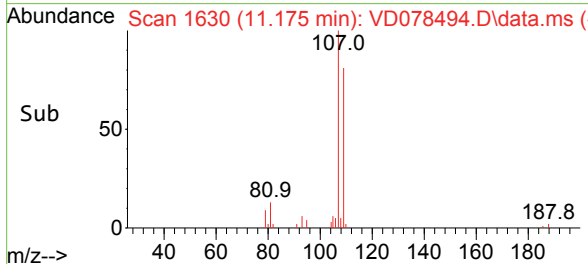
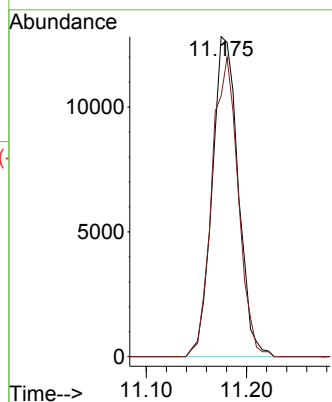
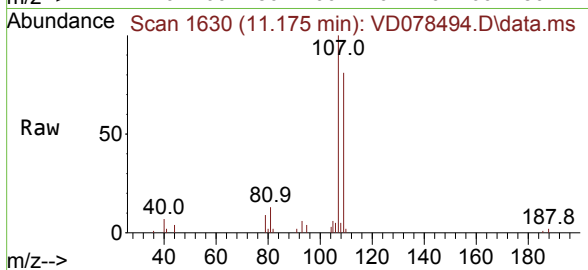




#61
 1,2-Dibromoethane
 Concen: 24.564 ug/l
 RT: 11.175 min Scan# 1630
 Delta R.T. -0.006 min
 Lab File: VD078494.D
 Acq: 21 Feb 2024 11:54

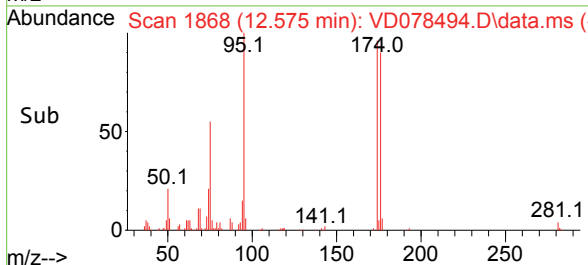
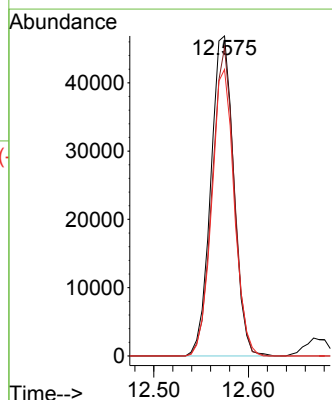
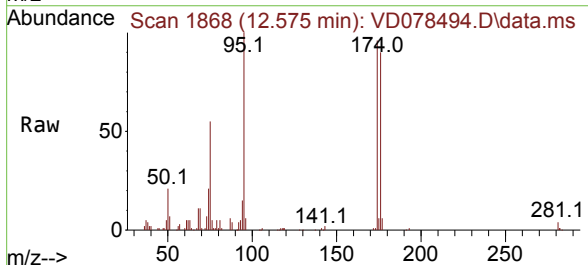
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0221SBS01

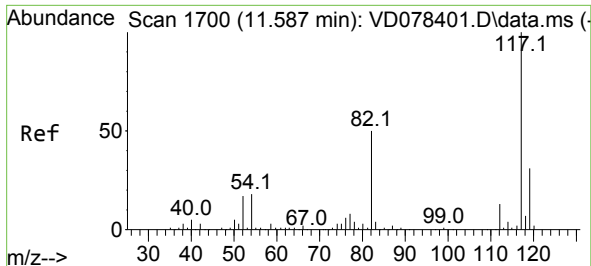
Tgt Ion:	107	Resp:	23128
Ion	Ratio	Lower	Upper
107	100		
109	94.4	75.6	113.4



#62
 4-Bromofluorobenzene
 Concen: 56.259 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.000 min
 Lab File: VD078494.D
 Acq: 21 Feb 2024 11:54

Tgt Ion:	95	Resp:	78707
Ion	Ratio	Lower	Upper
95	100		
174	92.6	0.0	201.8
176	88.0	0.0	191.8

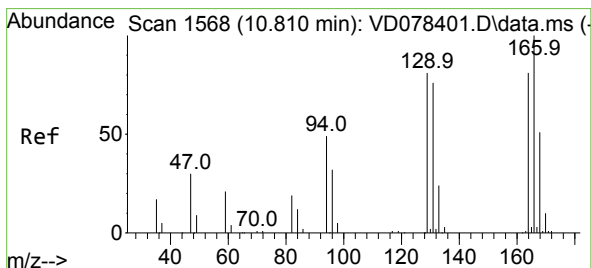
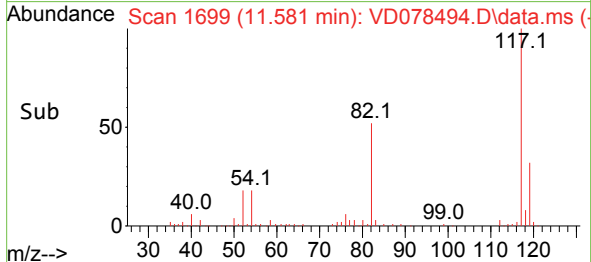
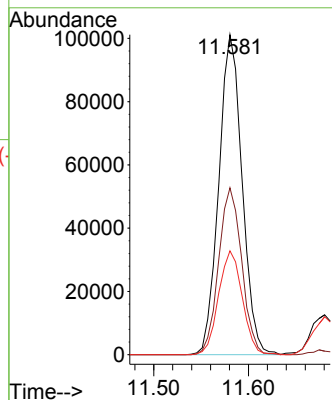
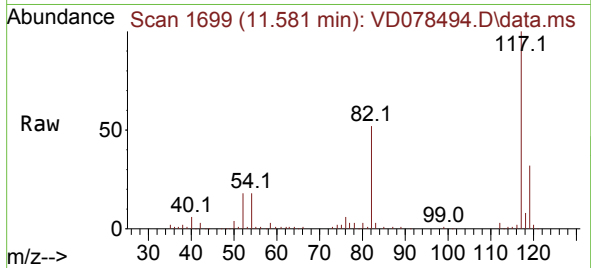




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54

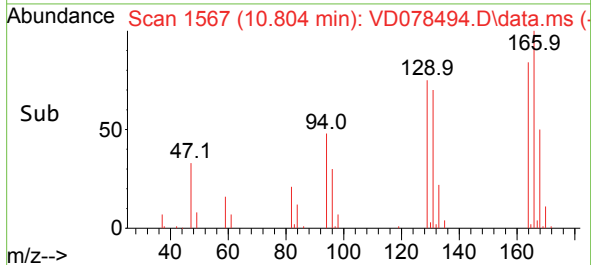
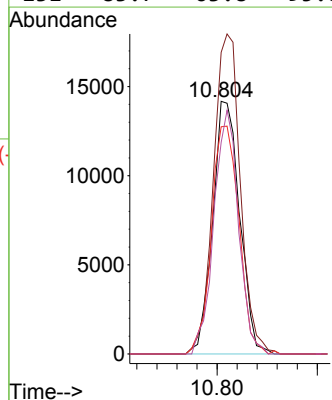
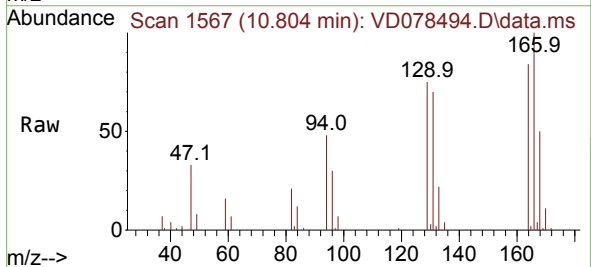
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBS01

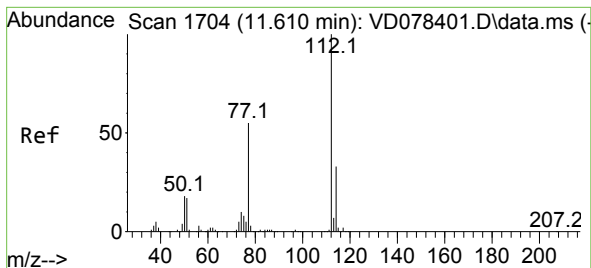
Tgt Ion:117 Resp: 173277
Ion Ratio Lower Upper
117 100
82 52.1 38.3 57.5
119 32.5 25.0 37.4



#64
Tetrachloroethene
Concen: 24.210 ug/l
RT: 10.804 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54

Tgt Ion:164 Resp: 26497
Ion Ratio Lower Upper
164 100
166 119.4 99.2 148.8
129 89.9 68.4 102.6
131 83.7 63.8 95.8





#65

Chlorobenzene

Concen: 24.218 ug/l

RT: 11.604 min Scan# 1703

Delta R.T. -0.006 min

Lab File: VD078494.D

Acq: 21 Feb 2024 11:54

Instrument :

MSVOA_D

ClientSampleId :

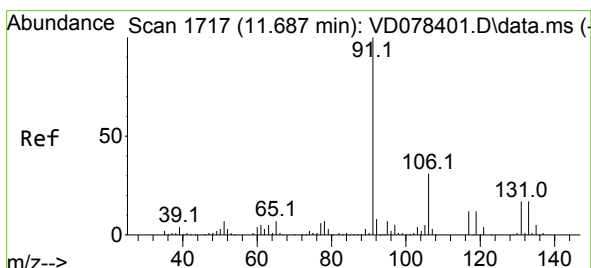
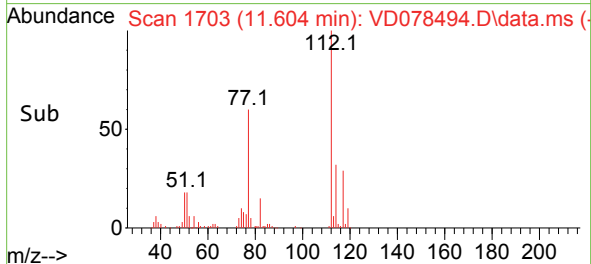
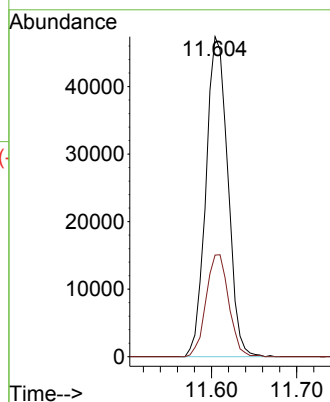
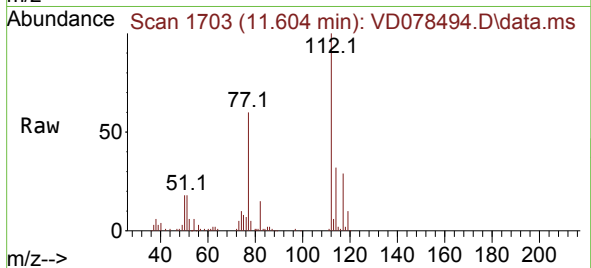
VD0221SBS01

Tgt Ion:112 Resp: 84365

Ion Ratio Lower Upper

112 100

114 31.7 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 24.601 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.006 min

Lab File: VD078494.D

Acq: 21 Feb 2024 11:54

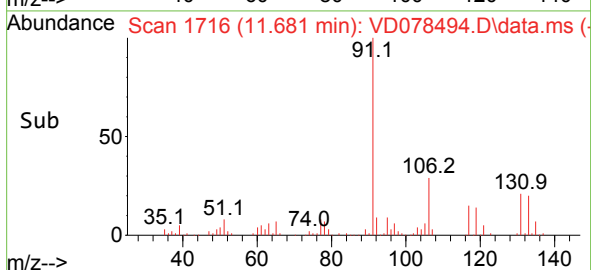
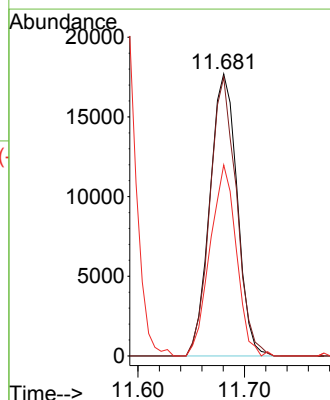
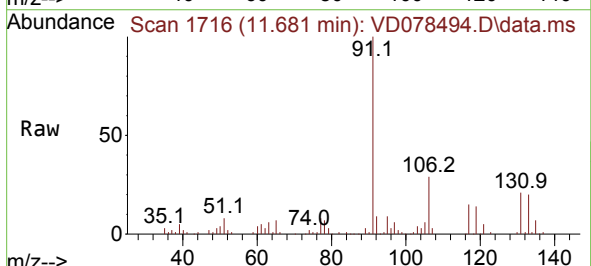
Tgt Ion:131 Resp: 31494

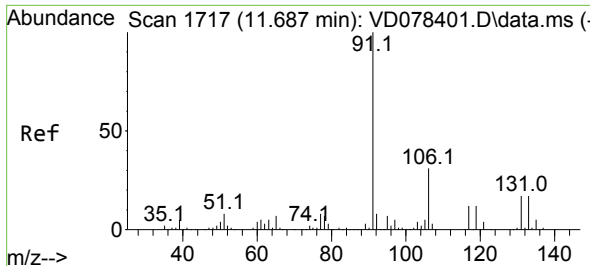
Ion Ratio Lower Upper

131 100

133 96.2 48.5 145.5

119 65.3 35.6 106.9

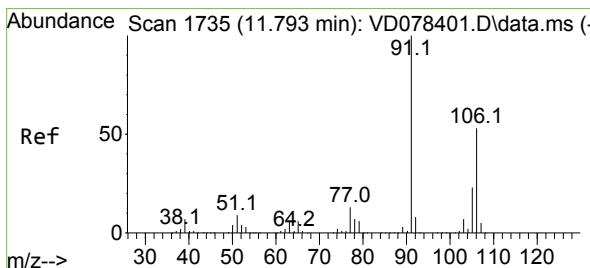
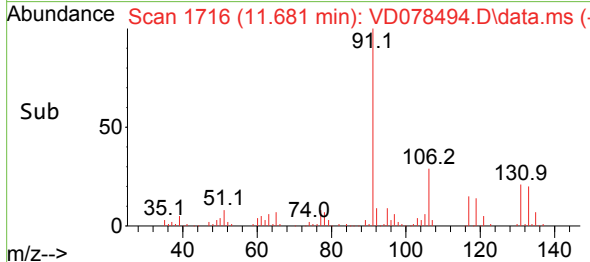
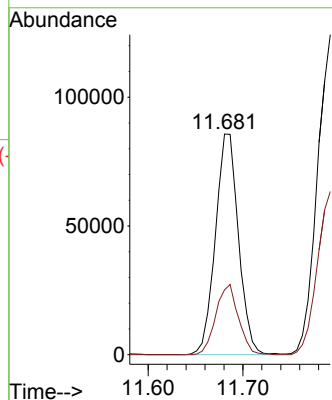
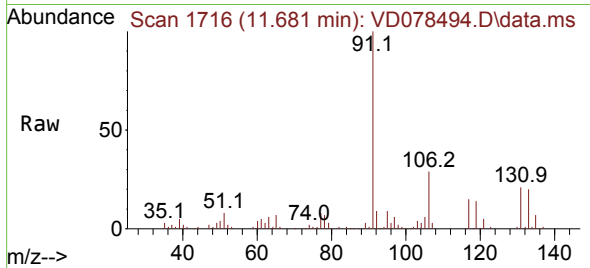




#67
Ethyl Benzene
Concen: 23.275 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54

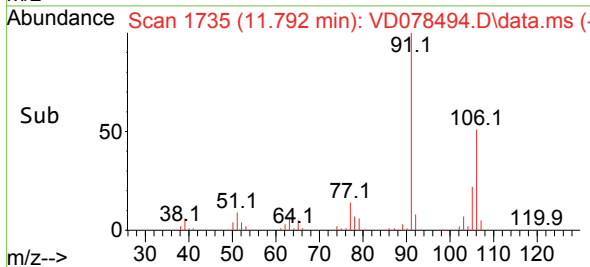
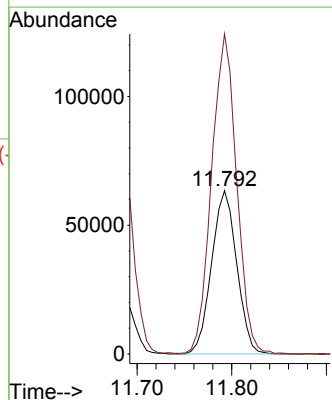
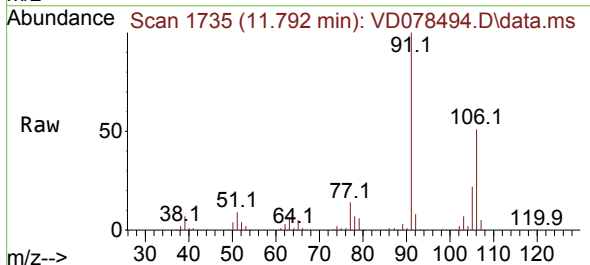
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBS01

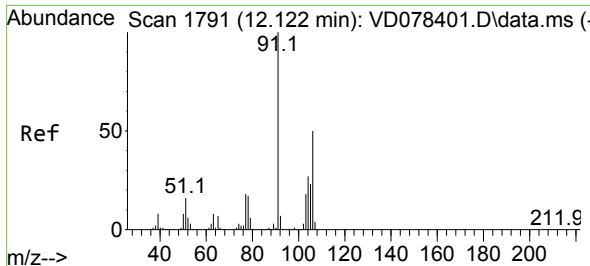
Tgt Ion: 91 Resp: 145272
Ion Ratio Lower Upper
91 100
106 29.4 26.5 39.7



#68
m/p-Xylenes
Concen: 48.081 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54

Tgt Ion: 106 Resp: 117060
Ion Ratio Lower Upper
106 100
91 195.7 147.0 220.6

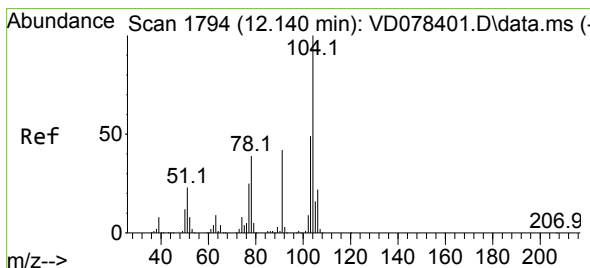
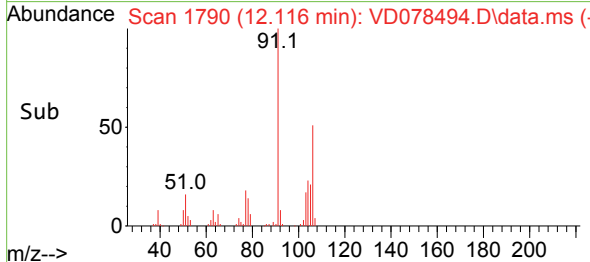
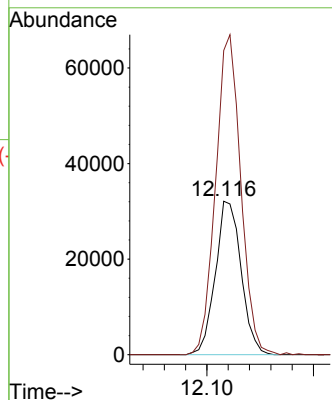
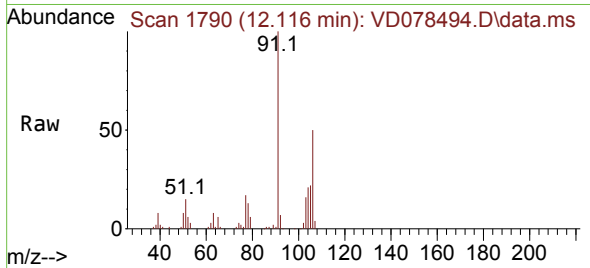




#69
o-Xylene
Concen: 24.235 ug/l
RT: 12.116 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54

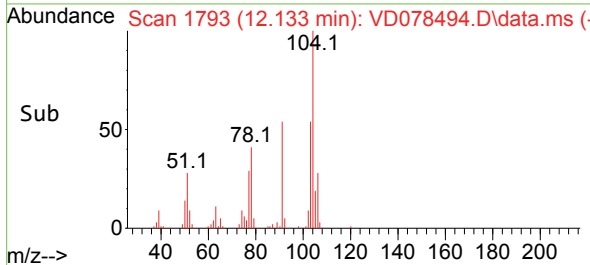
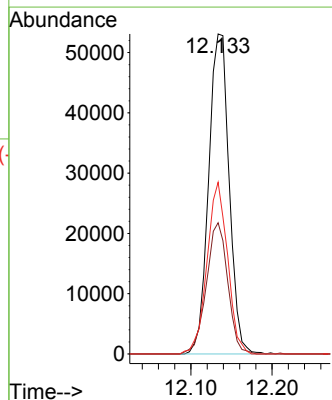
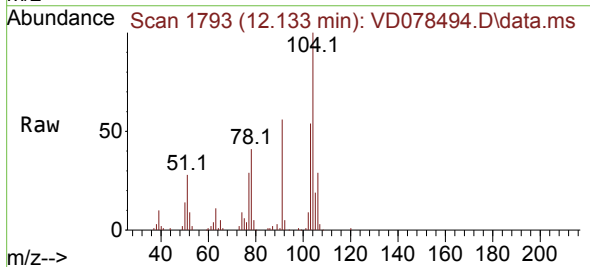
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBS01

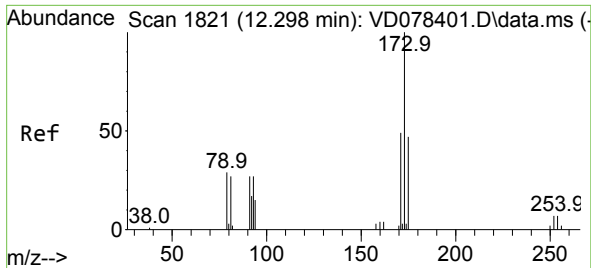
Tgt Ion:106 Resp: 53846
Ion Ratio Lower Upper
106 100
91 203.7 97.9 293.6



#70
Styrene
Concen: 25.710 ug/l
RT: 12.133 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54

Tgt Ion:104 Resp: 93226
Ion Ratio Lower Upper
104 100
78 42.6 33.2 49.8
103 53.6 43.6 65.4

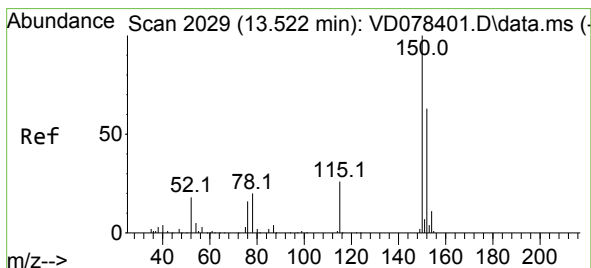
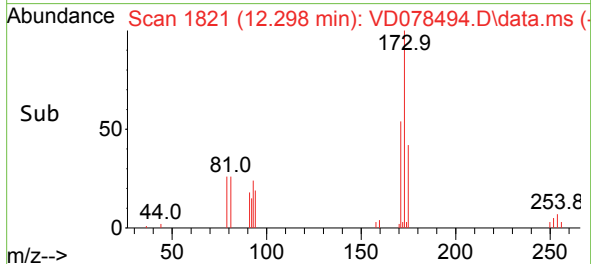
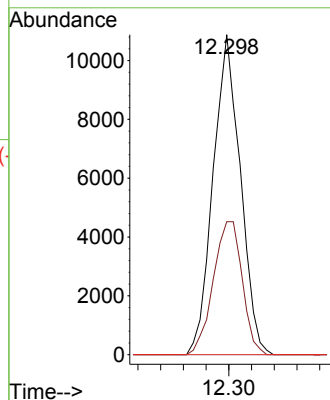
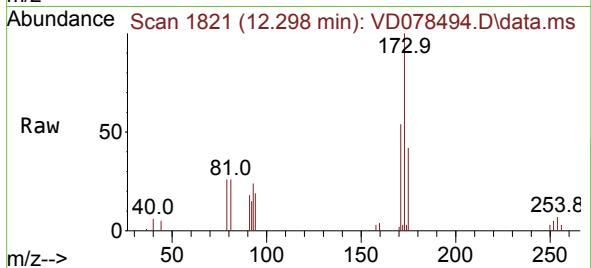




#71
Bromoform
Concen: 26.865 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54

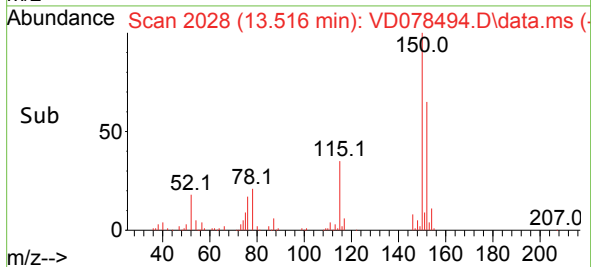
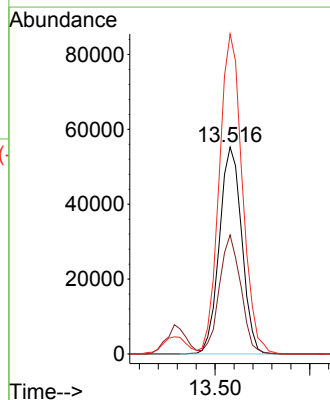
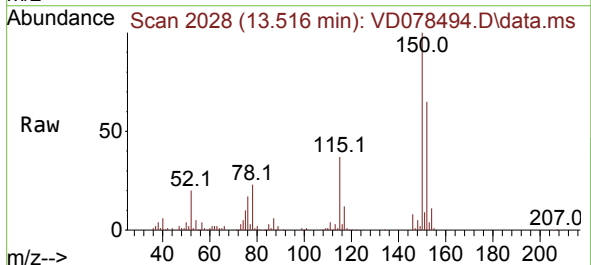
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBS01

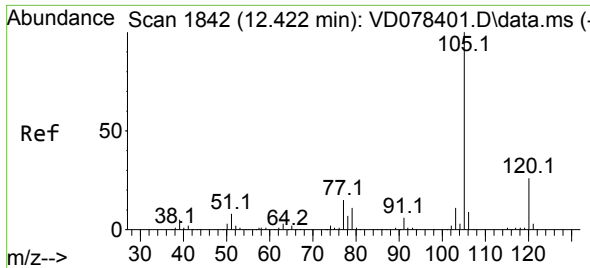
Tgt Ion:173 Resp: 18102
Ion Ratio Lower Upper
173 100
175 44.2 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54

Tgt Ion:152 Resp: 90824
Ion Ratio Lower Upper
152 100
115 55.2 27.1 81.3
150 159.7 0.0 353.6

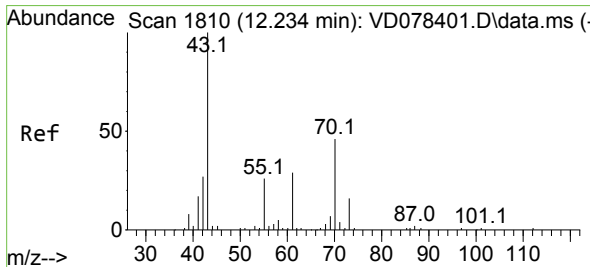
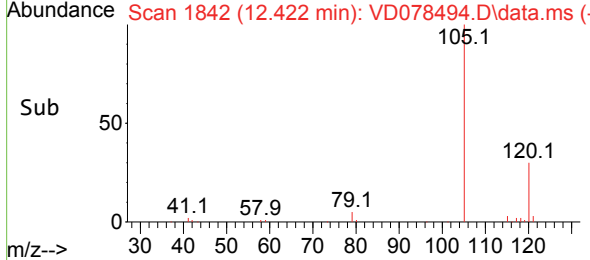
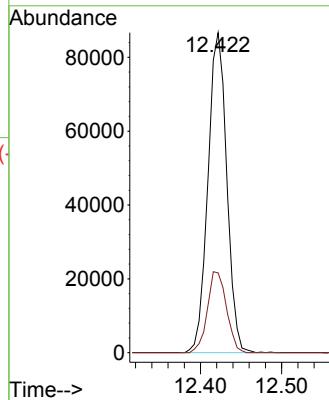
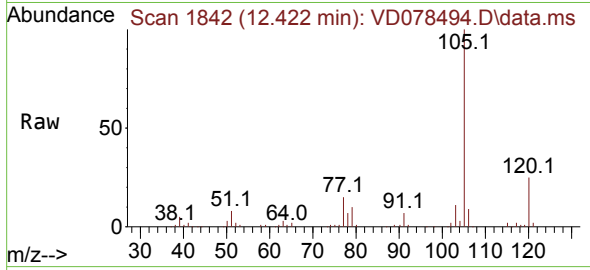




#73
Isopropylbenzene
Concen: 22.843 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54

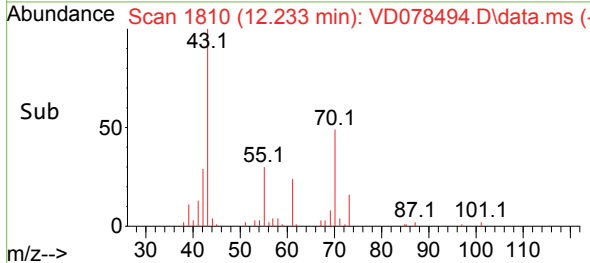
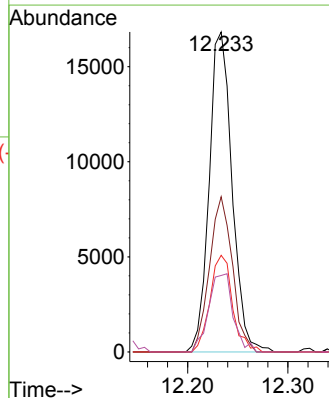
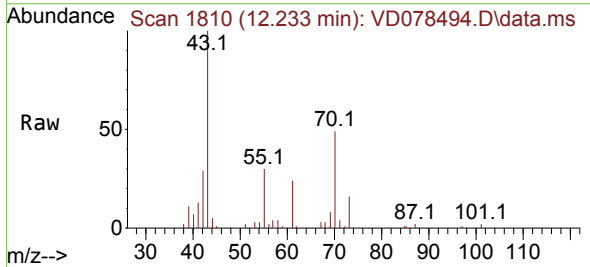
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBS01

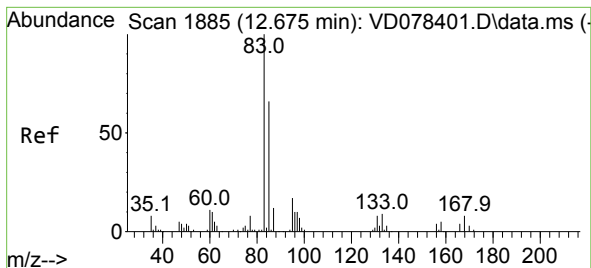
Tgt Ion:105 Resp: 139314
Ion Ratio Lower Upper
105 100
120 25.7 14.3 42.9



#74
N-ethyl acetate
Concen: 23.156 ug/l
RT: 12.233 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54

Tgt Ion: 43 Resp: 26717
Ion Ratio Lower Upper
43 100
70 48.2 45.0 67.4
55 29.8 23.8 35.6
61 26.0 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 23.662 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VD078494.D

Acq: 21 Feb 2024 11:54

Instrument :

MSVOA_D

ClientSampleId :

VD0221SBS01

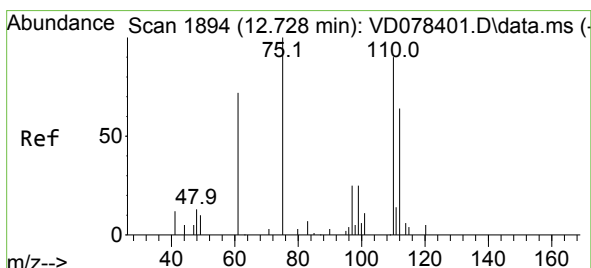
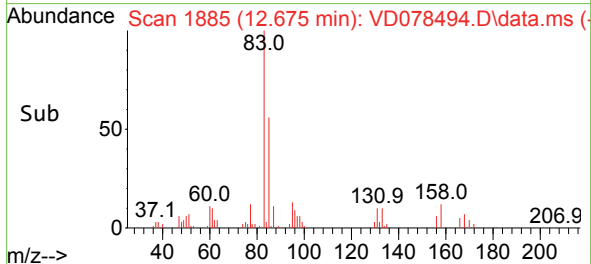
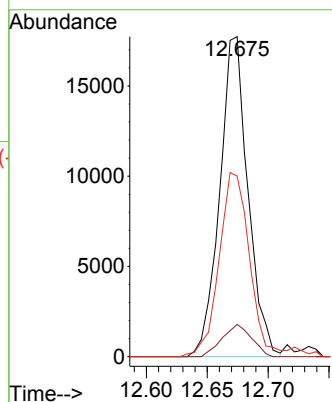
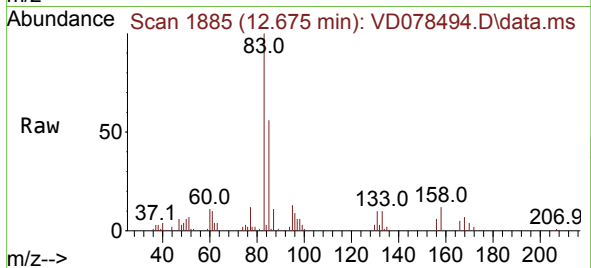
Tgt Ion: 83 Resp: 28626

Ion Ratio Lower Upper

83 100

131 10.5 5.1 15.3

85 61.9 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 43.265 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. -0.006 min

Lab File: VD078494.D

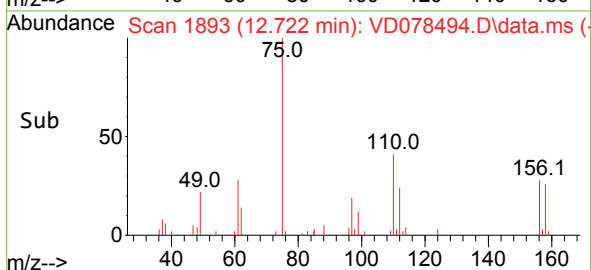
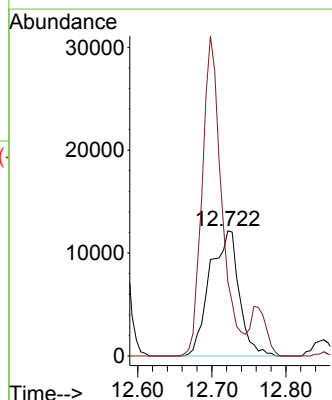
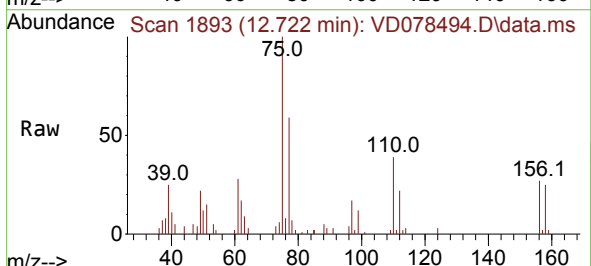
Acq: 21 Feb 2024 11:54

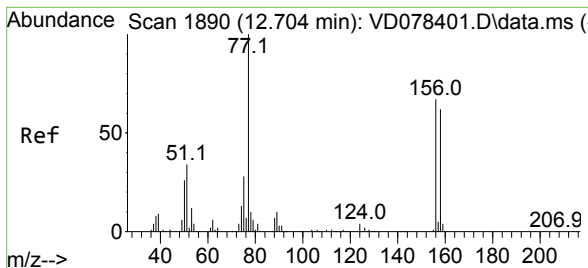
Tgt Ion: 75 Resp: 33360

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 24.370 ug/l

RT: 12.704 min Scan# 1890

Delta R.T. -0.000 min

Lab File: VD078494.D

Acq: 21 Feb 2024 11:54

Instrument :

MSVOA_D

ClientSampleId :

VD0221SBS01

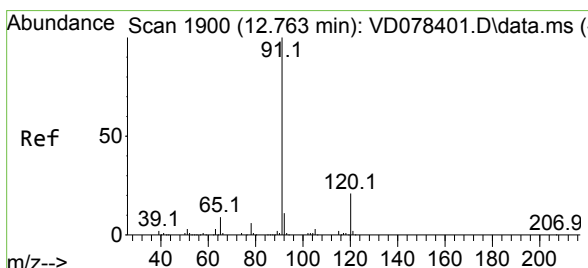
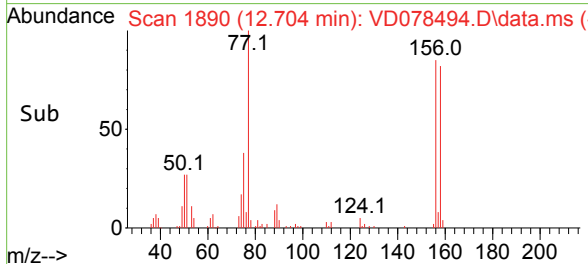
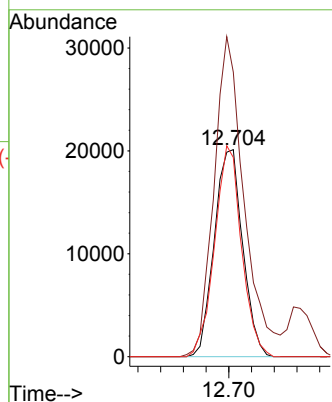
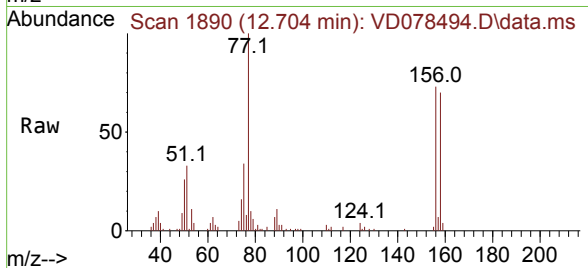
Tgt Ion:156 Resp: 34929

Ion Ratio Lower Upper

156 100

77 164.0 76.8 230.4

158 96.6 48.6 145.9



#78

n-propylbenzene

Concen: 23.315 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. -0.000 min

Lab File: VD078494.D

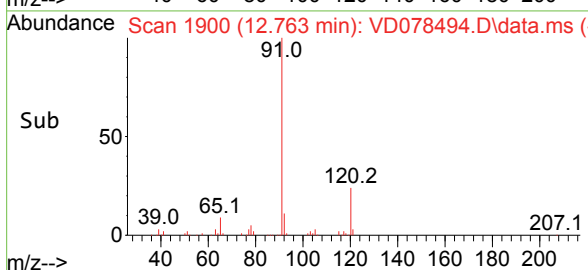
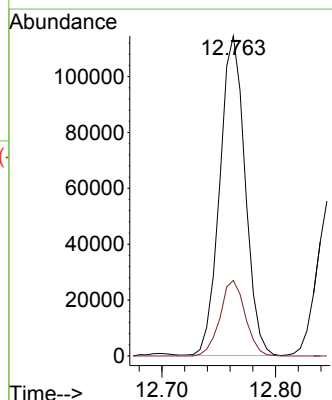
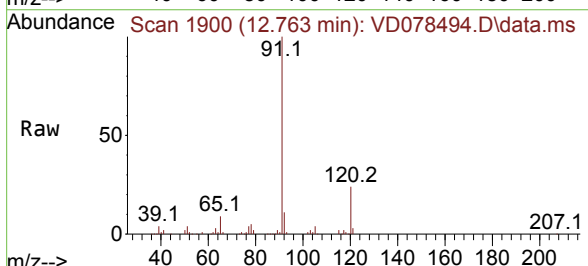
Acq: 21 Feb 2024 11:54

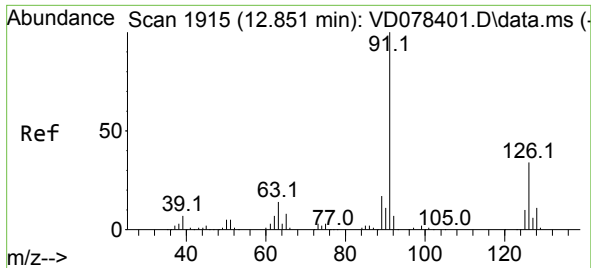
Tgt Ion: 91 Resp: 177201

Ion Ratio Lower Upper

91 100

120 23.5 12.4 37.2

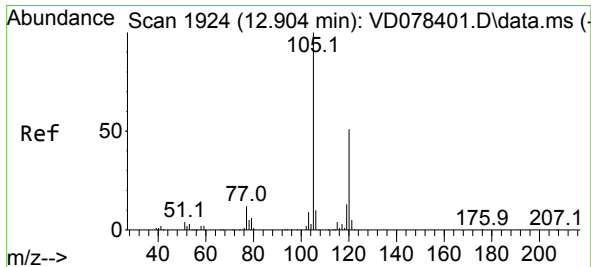
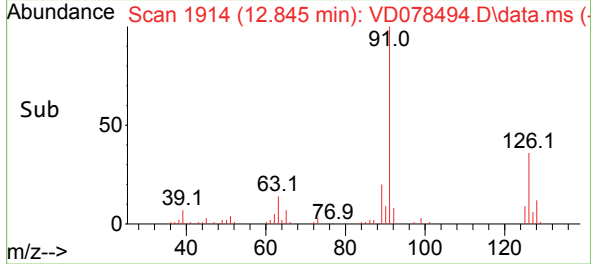
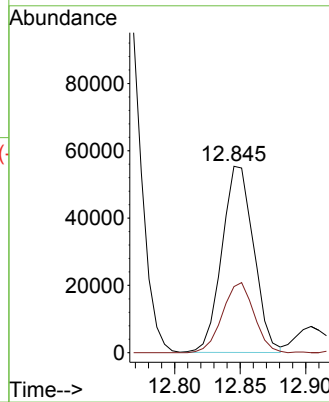
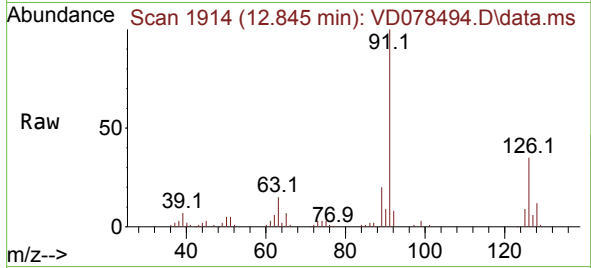




#79
2-Chlorotoluene
Concen: 22.932 ug/l
RT: 12.845 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54

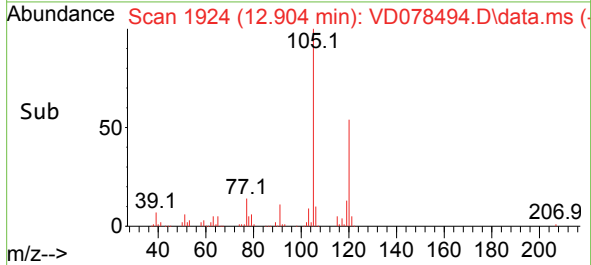
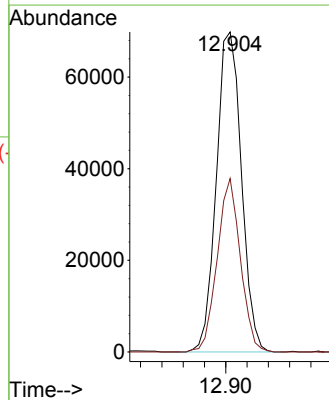
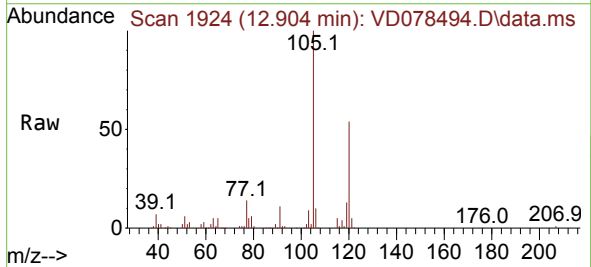
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBS01

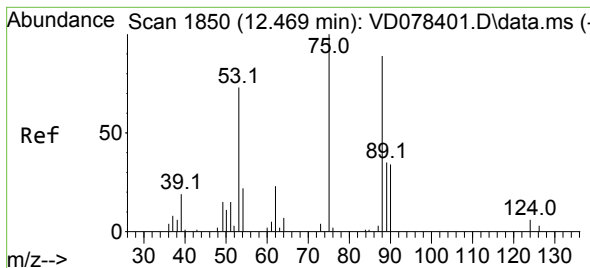
Tgt Ion: 91 Resp: 93347
Ion Ratio Lower Upper
91 100
126 37.5 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 22.509 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54

Tgt Ion: 105 Resp: 113991
Ion Ratio Lower Upper
105 100
120 50.2 26.4 79.2

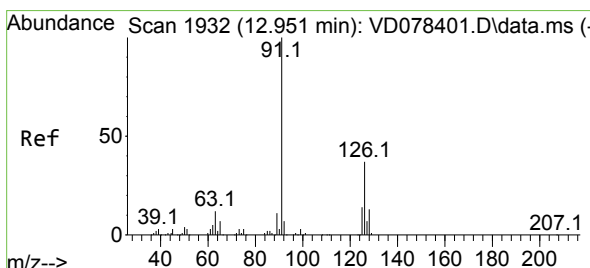
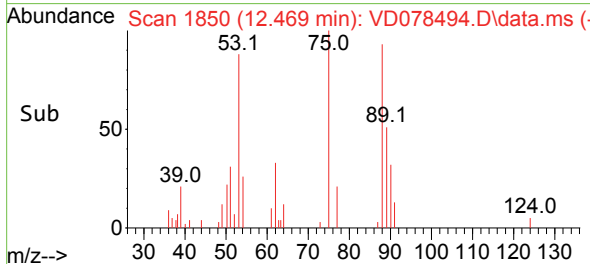
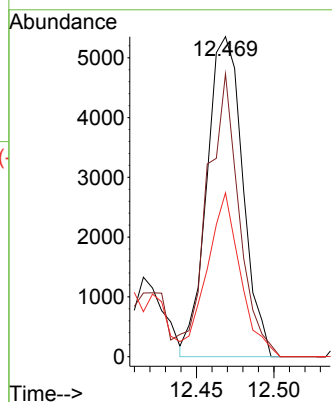
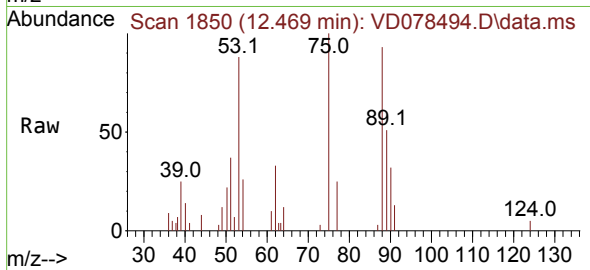




#81
trans-1,4-Dichloro-2-butene
Concen: 23.176 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54

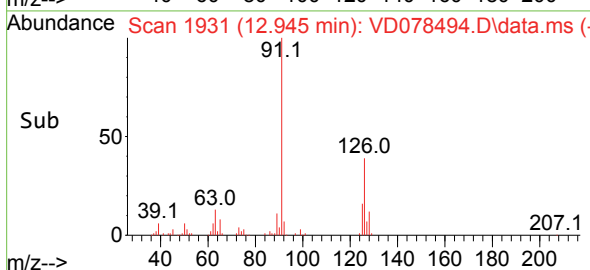
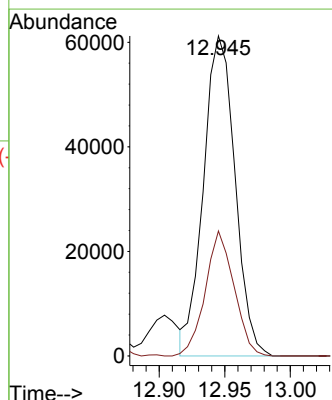
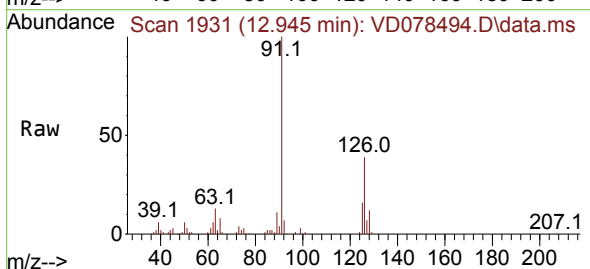
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBS01

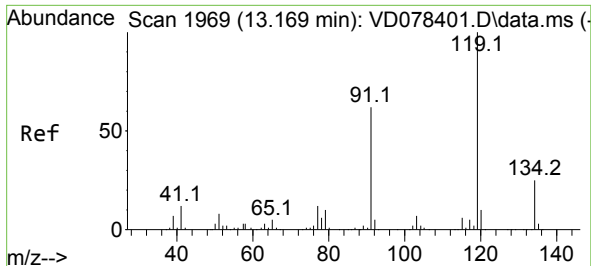
Tgt Ion:	75	Resp:	8608
Ion	Ratio	Lower	Upper
75	100		
53	77.6	63.0	94.4
89	47.6	37.9	56.9



#82
4-Chlorotoluene
Concen: 23.427 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.006 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54

Tgt Ion:	91	Resp:	102421
Ion	Ratio	Lower	Upper
91	100		
126	35.6	19.4	58.4

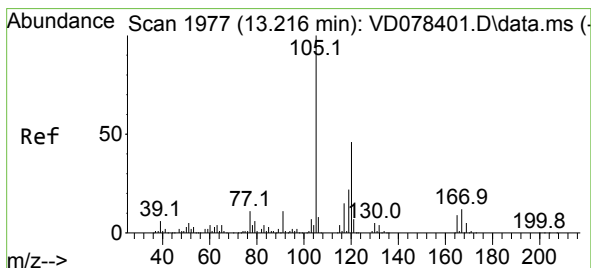
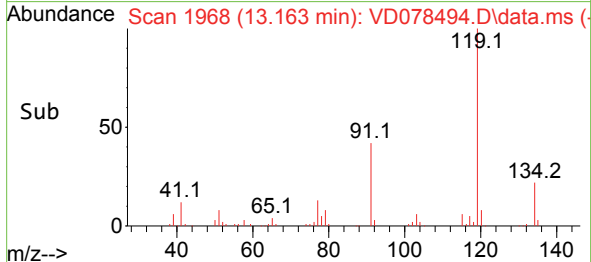
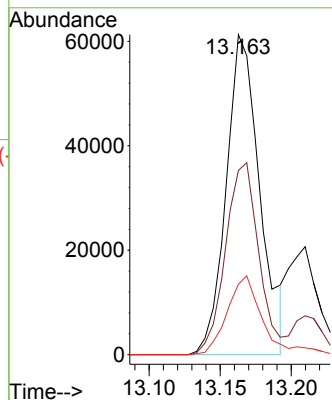
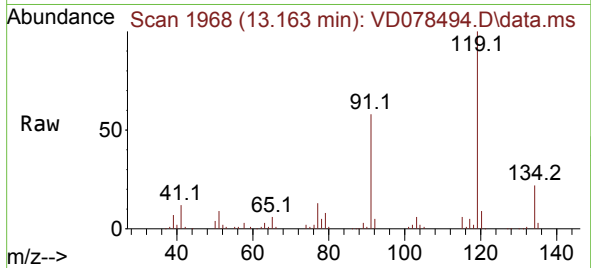




#83
tert-Butylbenzene
Concen: 23.601 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. -0.006 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54

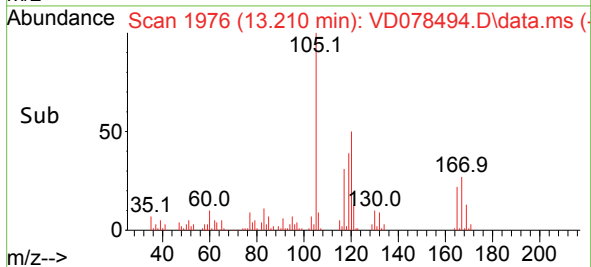
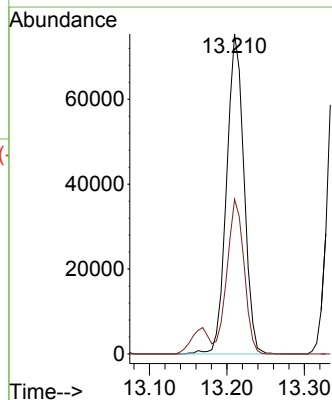
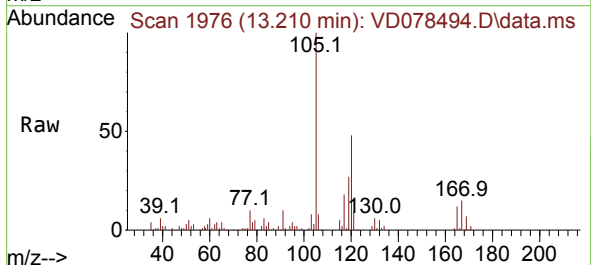
Instrument :
MSVOA_D
ClientSampleId :
VD0221SBS01

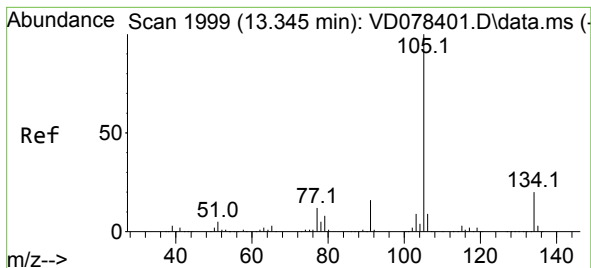
Tgt Ion:119 Resp: 100796
Ion Ratio Lower Upper
119 100
91 59.4 29.3 87.8
134 26.0 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 22.838 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.006 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54

Tgt Ion:105 Resp: 117377
Ion Ratio Lower Upper
105 100
120 47.7 24.3 72.9

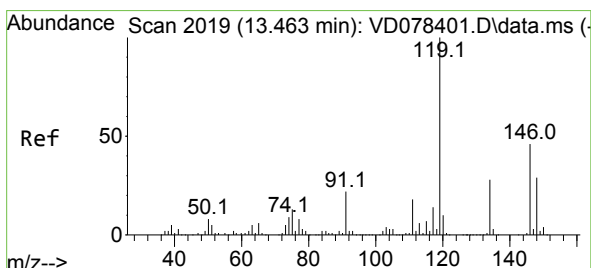
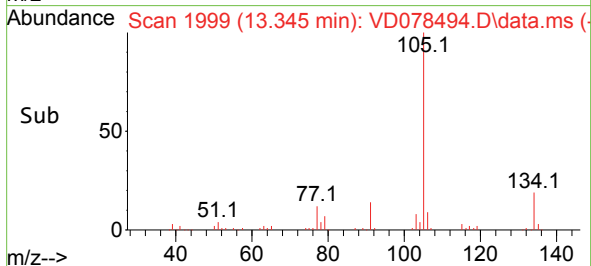
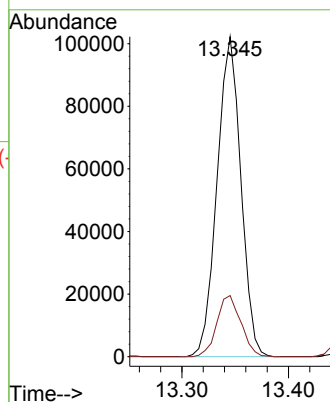
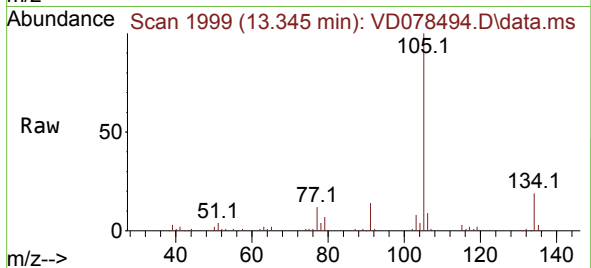




#85
 sec-Butylbenzene
 Concen: 23.910 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VD078494.D
 Acq: 21 Feb 2024 11:54

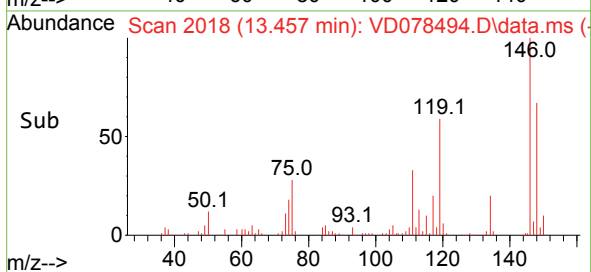
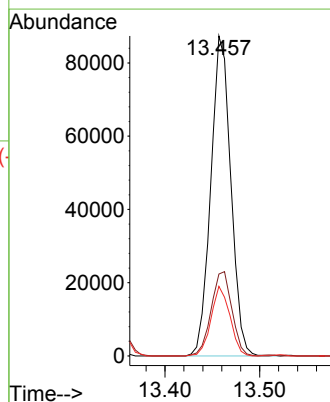
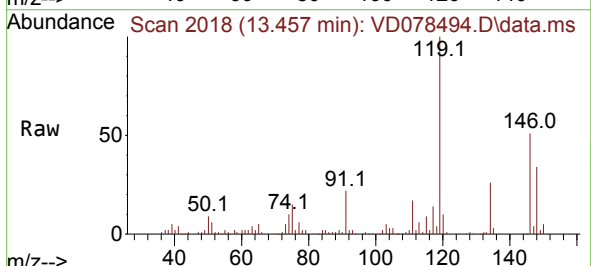
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0221SBS01

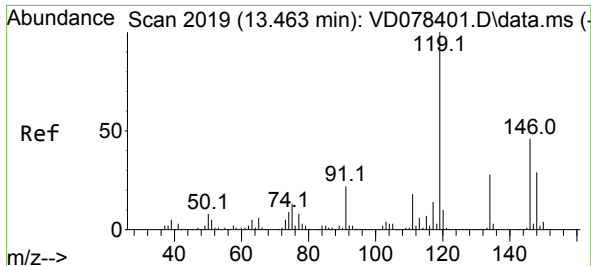
Tgt Ion:105 Resp: 158366
 Ion Ratio Lower Upper
 105 100
 134 19.3 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 22.778 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. -0.006 min
 Lab File: VD078494.D
 Acq: 21 Feb 2024 11:54

Tgt Ion:119 Resp: 128506
 Ion Ratio Lower Upper
 119 100
 134 27.3 14.2 42.6
 91 20.5 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 23.548 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.006 min

Lab File: VD078494.D

Acq: 21 Feb 2024 11:54

Instrument :

MSVOA_D

ClientSampleId :

VD0221SBS01

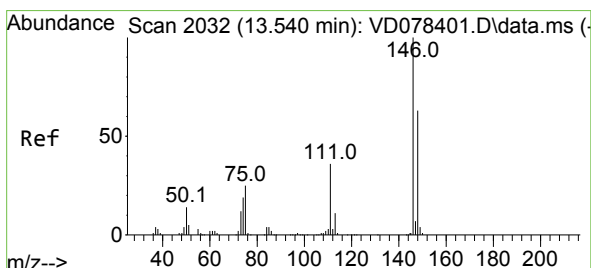
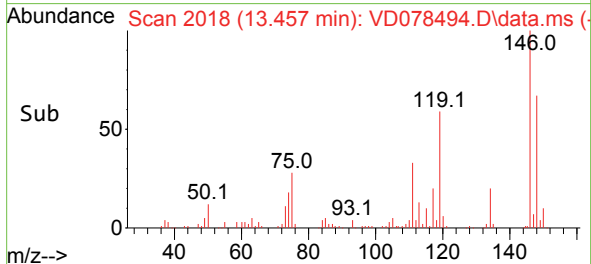
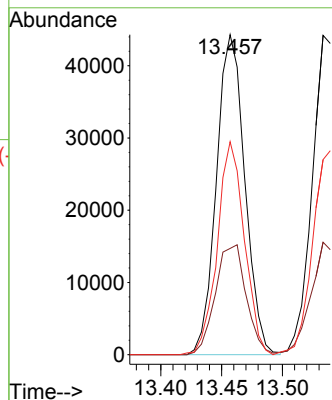
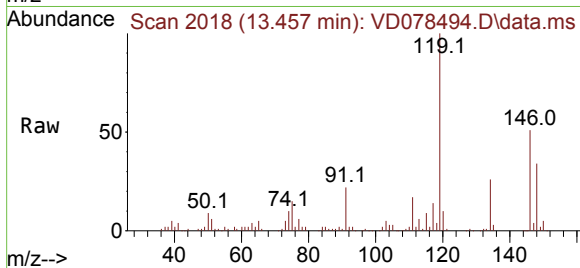
Tgt Ion:146 Resp: 72034

Ion Ratio Lower Upper

146 100

111 37.3 17.9 53.8

148 63.2 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 23.933 ug/l

RT: 13.533 min Scan# 2031

Delta R.T. -0.006 min

Lab File: VD078494.D

Acq: 21 Feb 2024 11:54

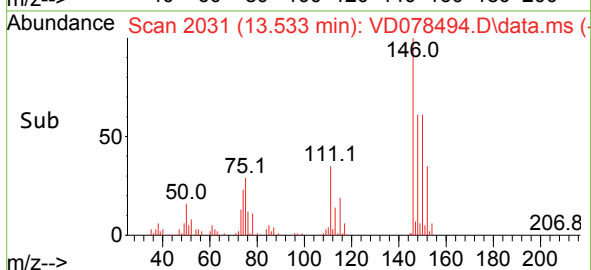
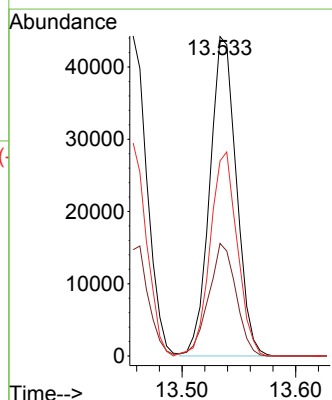
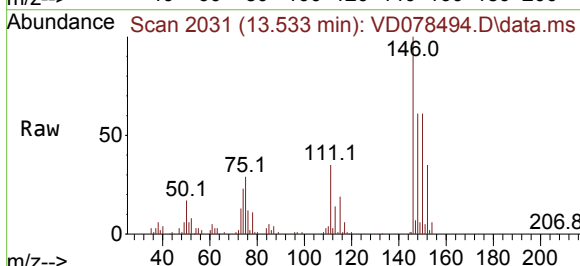
Tgt Ion:146 Resp: 71938

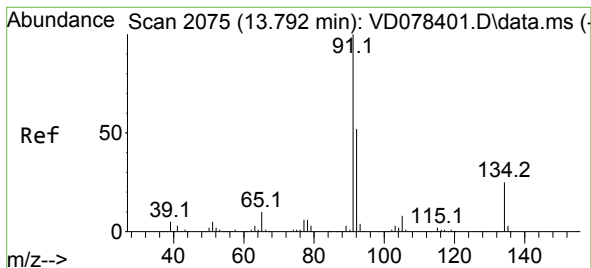
Ion Ratio Lower Upper

146 100

111 36.4 17.4 52.3

148 65.1 31.7 95.1





#89

n-Butylbenzene

Concen: 23.346 ug/l

RT: 13.786 min Scan# 2074

Delta R.T. -0.006 min

Lab File: VD078494.D

Acq: 21 Feb 2024 11:54

Instrument :

MSVOA_D

ClientSampleId :

VD0221SBS01

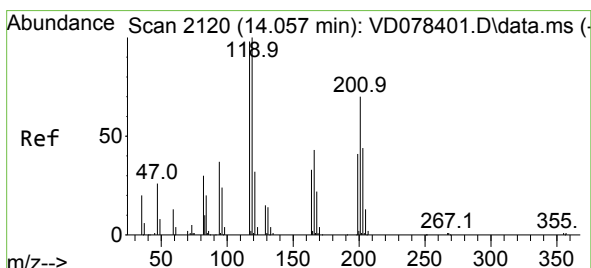
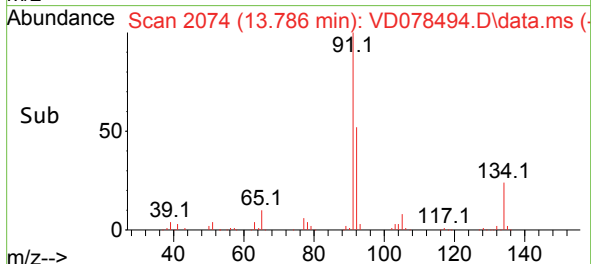
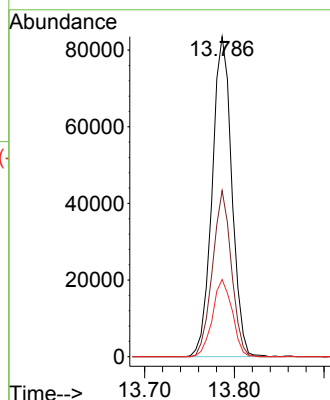
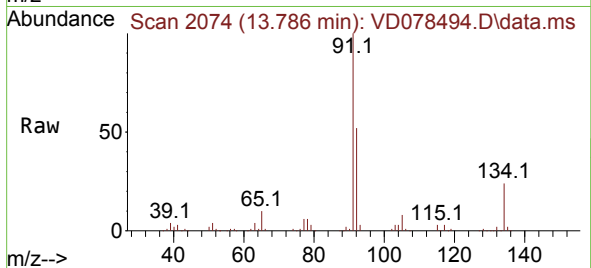
Tgt Ion: 91 Resp: 126948

Ion Ratio Lower Upper

91 100

92 50.0 26.5 79.5

134 24.2 13.8 41.3



#90

Hexachloroethane

Concen: 23.250 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. -0.006 min

Lab File: VD078494.D

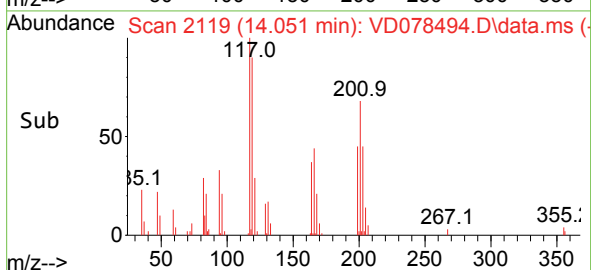
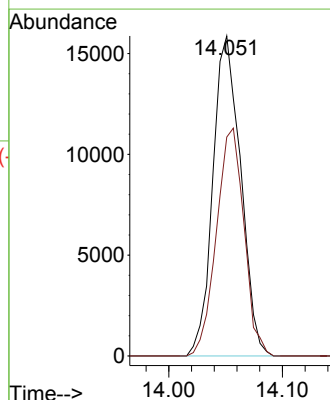
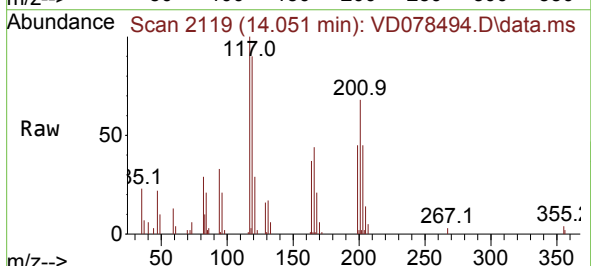
Acq: 21 Feb 2024 11:54

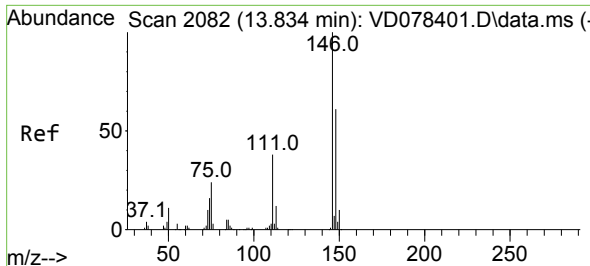
Tgt Ion: 117 Resp: 26959

Ion Ratio Lower Upper

117 100

201 70.7 38.5 115.5





#91

1,2-Dichlorobenzene

Concen: 24.481 ug/l

RT: 13.827 min Scan# 2081

Delta R.T. -0.006 min

Lab File: VD078494.D

Acq: 21 Feb 2024 11:54

Instrument :

MSVOA_D

ClientSampleId :

VD0221SBS01

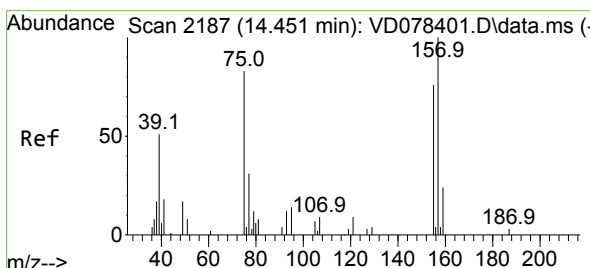
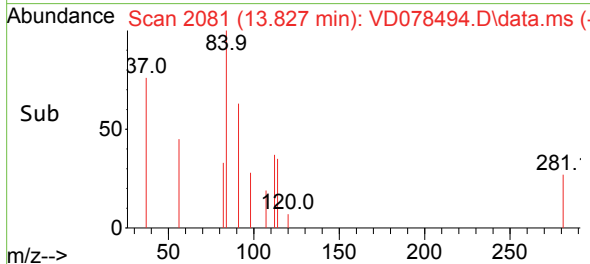
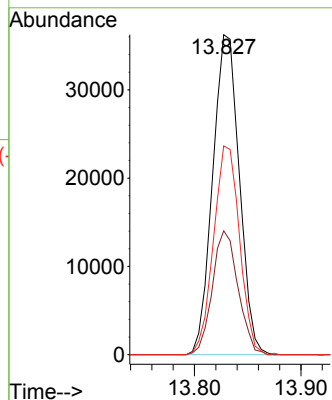
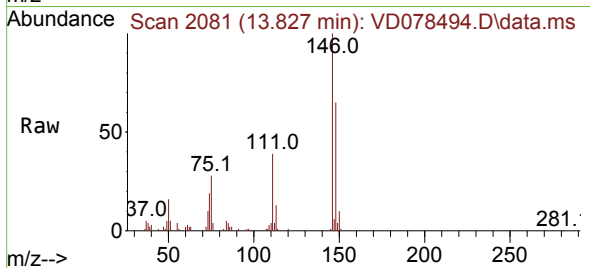
Tgt Ion:146 Resp: 62888

Ion Ratio Lower Upper

146 100

111 37.4 18.3 54.8

148 63.8 31.6 94.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 23.503 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. -0.006 min

Lab File: VD078494.D

Acq: 21 Feb 2024 11:54

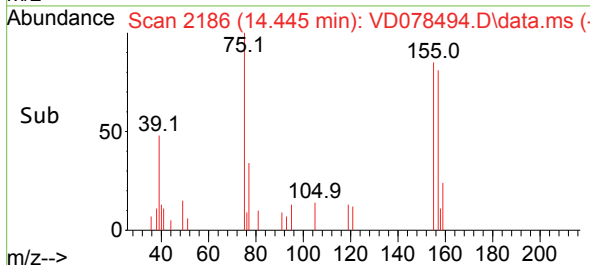
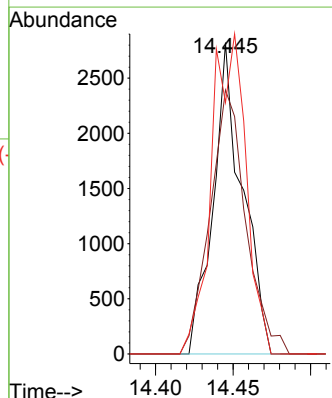
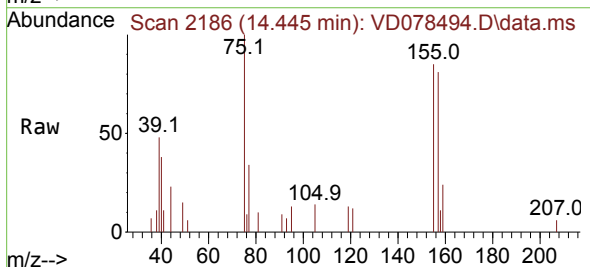
Tgt Ion: 75 Resp: 3723

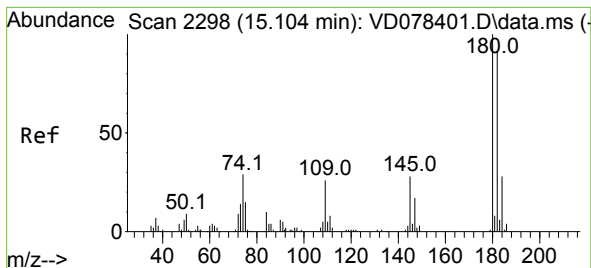
Ion Ratio Lower Upper

75 100

155 103.9 47.9 143.8

157 120.2 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 23.517 ug/l

RT: 15.092 min Scan# 21

Delta R.T. -0.012 min

Lab File: VD078494.D

Acq: 21 Feb 2024 11:54

Instrument :

MSVOA_D

ClientSampleId :

VD0221SBS01

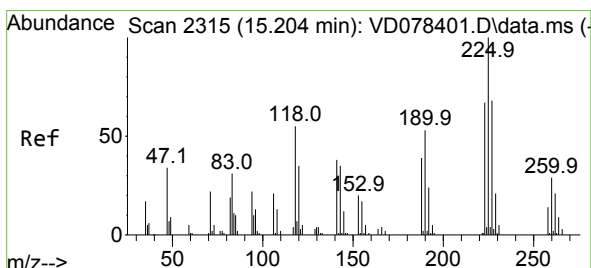
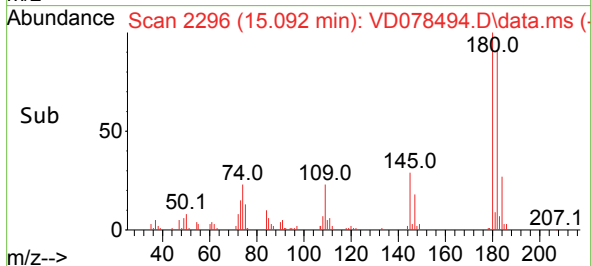
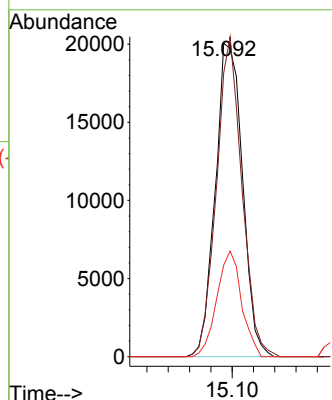
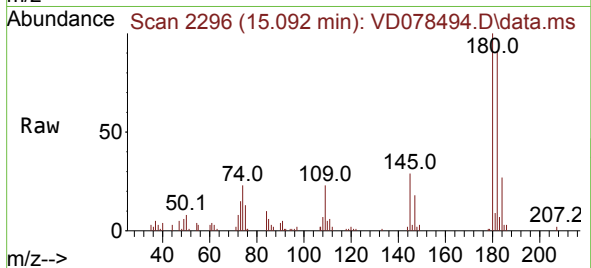
Tgt Ion:180 Resp: 35504

Ion Ratio Lower Upper

180 100

182 95.3 48.5 145.6

145 30.6 14.2 42.6



#94

Hexachlorobutadiene

Concen: 23.719 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. -0.000 min

Lab File: VD078494.D

Acq: 21 Feb 2024 11:54

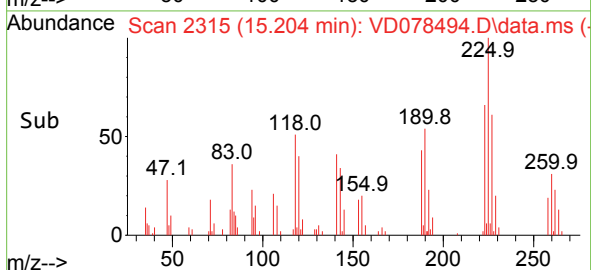
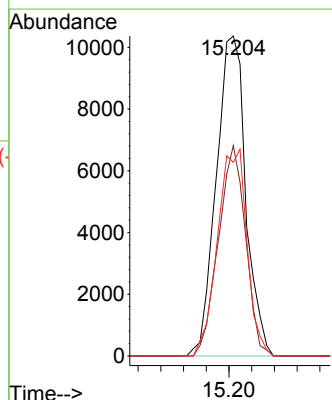
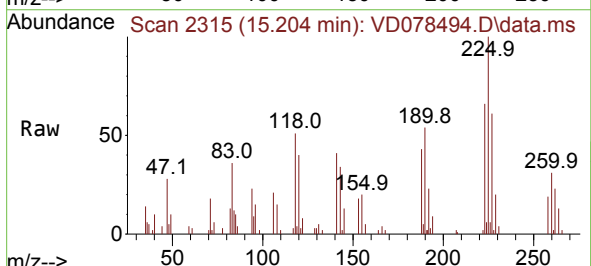
Tgt Ion:225 Resp: 18691

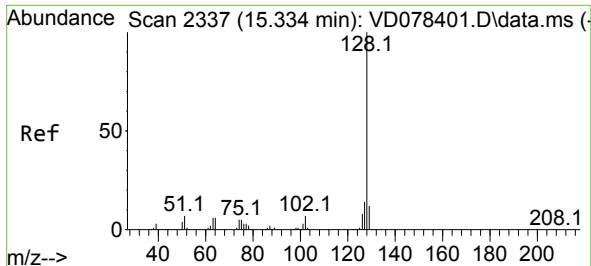
Ion Ratio Lower Upper

225 100

223 60.5 31.6 94.8

227 64.4 31.7 95.1

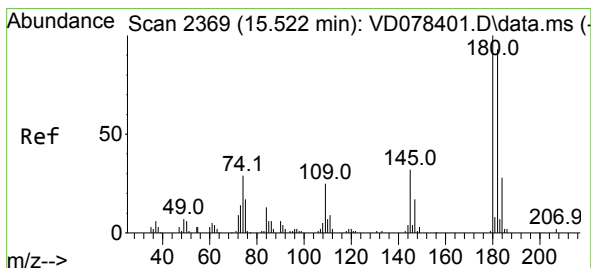
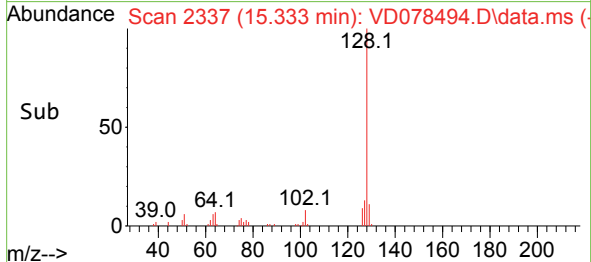
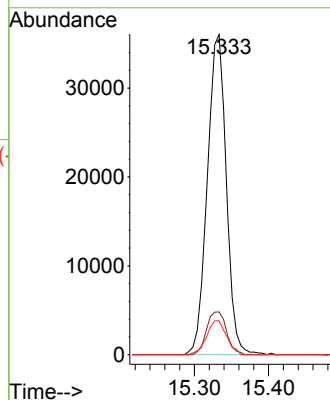
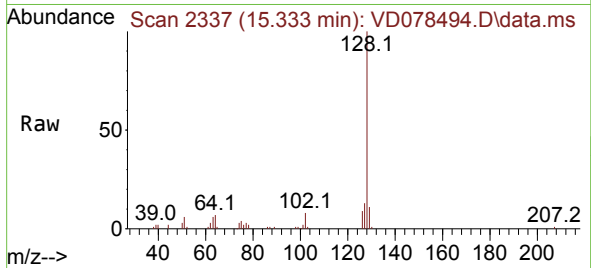




#95
Naphthalene
Concen: 22.890 ug/l
RT: 15.333 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54

Instrument :
MSVOA_D
ClientSampleId :
VD0221SBS01

Tgt Ion:128 Resp: 64095
Ion Ratio Lower Upper
128 100
127 13.4 10.5 15.7
129 10.6 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 23.913 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD078494.D
Acq: 21 Feb 2024 11:54

Tgt Ion:180 Resp: 30596
Ion Ratio Lower Upper
180 100
182 94.8 47.3 141.9
145 31.5 15.1 45.3

