

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020824\
 Data File : VD078368.D
 Acq On : 08 Feb 2024 14:46
 Operator : RP/MD
 Sample : VD0208SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 09 03:08:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D013024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 01 03:58:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	111902	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	197396	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	183083	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	89030	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	55334	39.944	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	79.880%
35) Dibromofluoromethane	7.805	113	57908	41.206	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	82.420%
50) Toluene-d8	10.269	98	209516	39.378	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	78.760%
62) 4-Bromofluorobenzene	12.575	95	64419	40.429	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	80.860%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.940	85	24887	18.631	ug/l	99
3) Chloromethane	2.158	50	45415	19.510	ug/l	96
4) Vinyl Chloride	2.281	62	55246	17.992	ug/l	100
5) Bromomethane	2.687	94	32629	17.552	ug/l	99
6) Chloroethane	2.834	64	40775	19.225	ug/l	94
7) Trichlorofluoromethane	3.175	101	50270	19.337	ug/l	92
8) Diethyl Ether	3.593	74	15425	20.057	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.964	101	31807	19.936	ug/l	96
10) Methyl Iodide	4.164	142	20987	14.461	ug/l	91
11) Tert butyl alcohol	5.075	59	9266	104.865	ug/l #	83
12) 1,1-Dichloroethene	3.934	96	26565	17.256	ug/l #	78
13) Acrolein	3.805	56	7328	65.331	ug/l	98
14) Allyl chloride	4.552	41	34209	16.854	ug/l #	85
15) Acrylonitrile	5.264	53	33056	97.245	ug/l	95
16) Acetone	4.022	43	37547	107.220	ug/l #	81
17) Carbon Disulfide	4.269	76	76681	14.755	ug/l	99
18) Methyl Acetate	4.564	43	12755	17.275	ug/l #	86
19) Methyl tert-butyl Ether	5.316	73	63679	19.890	ug/l	97
20) Methylene Chloride	4.799	84	47042	26.709	ug/l #	88
21) trans-1,2-Dichloroethene	5.311	96	29520	16.960	ug/l	93
22) Diisopropyl ether	6.216	45	83422	19.316	ug/l #	89
23) Vinyl Acetate	6.158	43	255182	96.846	ug/l #	92
24) 1,1-Dichloroethane	6.111	63	55534	18.574	ug/l	92
25) 2-Butanone	7.081	43	45338	98.220	ug/l #	83
26) 2,2-Dichloropropane	7.081	77	46126	18.886	ug/l	95
27) cis-1,2-Dichloroethene	7.075	96	35337	18.318	ug/l	89
28) Bromochloromethane	7.428	49	18132	17.003	ug/l #	73
29) Tetrahydrofuran	7.458	42	22429	90.828	ug/l	87
30) Chloroform	7.593	83	60091	19.657	ug/l	94
31) Cyclohexane	7.881	56	42143	16.244	ug/l	91
32) 1,1,1-Trichloroethane	7.793	97	51229	19.445	ug/l	97
36) 1,1-Dichloropropene	8.010	75	43029	18.464	ug/l	95
37) Ethyl Acetate	7.175	43	17486	19.496	ug/l #	91
38) Carbon Tetrachloride	7.987	117	43435	18.956	ug/l	89
39) Methylcyclohexane	9.275	83	47701	17.313	ug/l	93
40) Benzene	8.252	78	127743	18.787	ug/l	96

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	7430	15.409	ug/l #	86
42) 1,2-Dichloroethane	8.322	62	35724	20.257	ug/l	93
43) Isopropyl Acetate	8.363	43	33250	20.676	ug/l #	74
44) Trichloroethene	9.028	130	31928	19.122	ug/l	98
45) 1,2-Dichloropropane	9.304	63	32571	19.592	ug/l	97
46) Dibromomethane	9.393	93	18164	19.692	ug/l	91
47) Bromodichloromethane	9.587	83	45786	20.175	ug/l	99
48) Methyl methacrylate	9.381	41	15749	20.494	ug/l #	74
49) 1,4-Dioxane	9.387	88	4302	415.764	ug/l #	83
51) 4-Methyl-2-Pentanone	10.157	43	87290	100.339	ug/l	89
52) Toluene	10.334	92	78566	19.049	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	41090	19.384	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	49654	19.786	ug/l #	90
55) 1,1,2-Trichloroethane	10.734	97	25406	21.107	ug/l	97
56) Ethyl methacrylate	10.599	69	26405	19.340	ug/l #	82
57) 1,3-Dichloropropane	10.881	76	42296	20.379	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	52341	84.300	ug/l	95
59) 2-Hexanone	10.922	43	68475	104.512	ug/l	85
60) Dibromochloromethane	11.075	129	29720	21.270	ug/l	95
61) 1,2-Dibromoethane	11.181	107	23351	20.547	ug/l	96
64) Tetrachloroethene	10.810	164	25200	19.735	ug/l	96
65) Chlorobenzene	11.604	112	85076	19.423	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.675	131	31806	20.395	ug/l	95
67) Ethyl Benzene	11.681	91	150521	18.971	ug/l	96
68) m/p-Xylenes	11.793	106	114503	37.512	ug/l	87
69) o-Xylene	12.122	106	55064	19.629	ug/l	95
70) Styrene	12.134	104	95284	19.890	ug/l	96
71) Bromoform	12.298	173	17025	22.166	ug/l #	97
73) Isopropylbenzene	12.422	105	144836	19.228	ug/l	94
74) N-amyl acetate	12.234	43	31092	19.957	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.669	83	28967	19.913	ug/l	98
76) 1,2,3-Trichloropropane	12.710	75	34928	37.535	ug/l #	100
77) Bromobenzene	12.698	156	31937	19.266	ug/l	80
78) n-propylbenzene	12.763	91	181894	19.385	ug/l	94
79) 2-Chlorotoluene	12.845	91	98145	19.539	ug/l	93
80) 1,3,5-Trimethylbenzene	12.904	105	120534	19.669	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.469	75	8926	19.077	ug/l	90
82) 4-Chlorotoluene	12.945	91	102602	19.160	ug/l	96
83) tert-Butylbenzene	13.169	119	102761	19.653	ug/l	95
84) 1,2,4-Trimethylbenzene	13.210	105	120705	19.469	ug/l	96
85) sec-Butylbenzene	13.345	105	159974	19.494	ug/l	96
86) p-Isopropyltoluene	13.457	119	132309	19.684	ug/l	95
87) 1,3-Dichlorobenzene	13.457	146	69847	20.282	ug/l	96
88) 1,4-Dichlorobenzene	13.534	146	67855	19.915	ug/l	94
89) n-Butylbenzene	13.787	91	130401	19.909	ug/l	98
90) Hexachloroethane	14.051	117	27675	20.614	ug/l	80
91) 1,2-Dichlorobenzene	13.828	146	59307	20.130	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.451	75	4023	19.729	ug/l	94
93) 1,2,4-Trichlorobenzene	15.098	180	34444	20.212	ug/l	97
94) Hexachlorobutadiene	15.204	225	18778	22.488	ug/l	94
95) Naphthalene	15.328	128	65971	19.416	ug/l	97
96) 1,2,3-Trichlorobenzene	15.522	180	30594	20.390	ug/l	99

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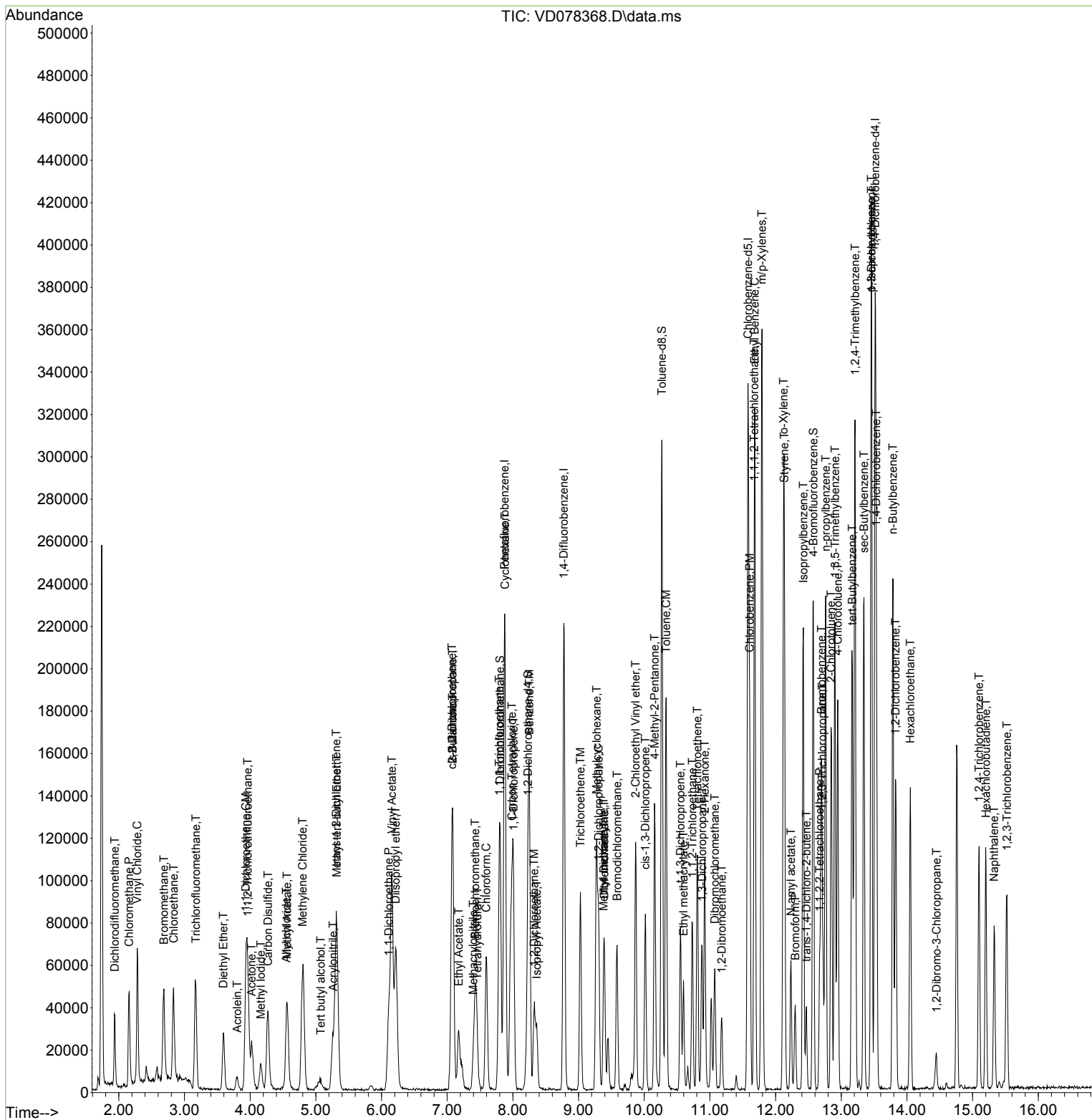
Instrument :
MSVOA_D
ClientSampleId :

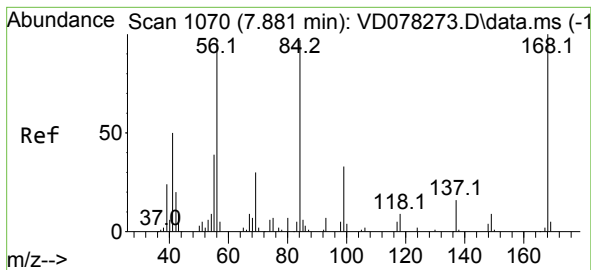
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Quant Title : SW846 8260
QLast Update : Thu Feb 01 03:58:19 2024
Response via : Initial Calibration

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD078368.D

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Instrument :

MSVOA_D

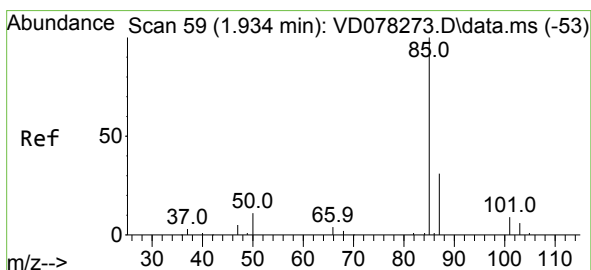
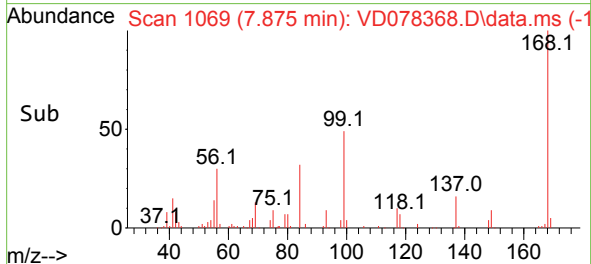
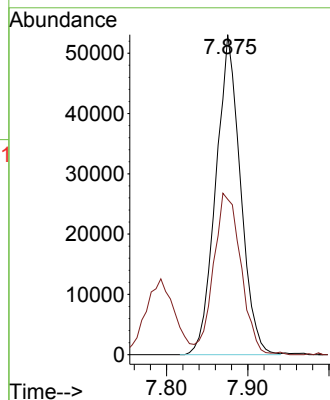
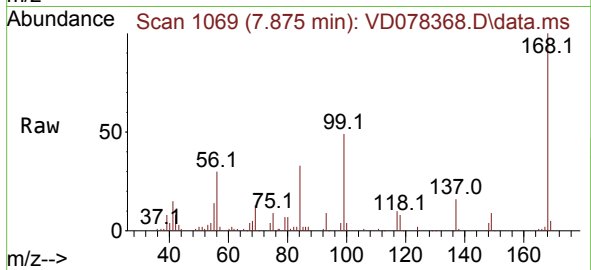
ClientSampleId :

Tgt Ion:168 Resp: 111902

Ion Ratio Lower Upper

168 100

99 47.8 36.7 55.1



#2

Dichlorodifluoromethane

Concen: 18.631 ug/l

RT: 1.940 min Scan# 60

Delta R.T. 0.006 min

Lab File: VD078368.D

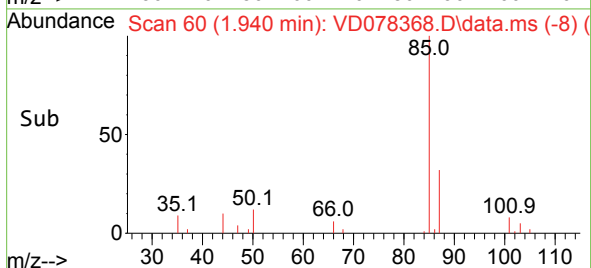
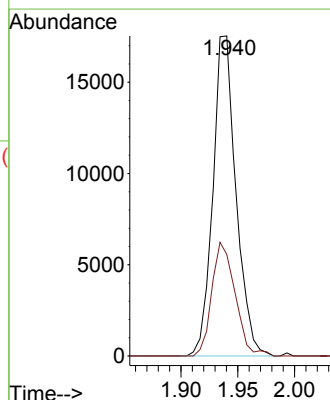
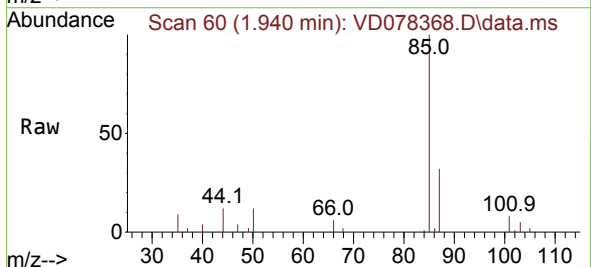
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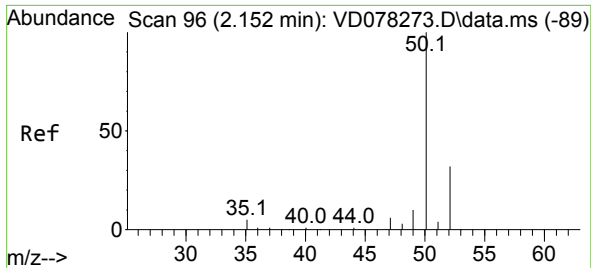
Tgt Ion: 85 Resp: 24887

Ion Ratio Lower Upper

85 100

87 31.8 15.7 47.0

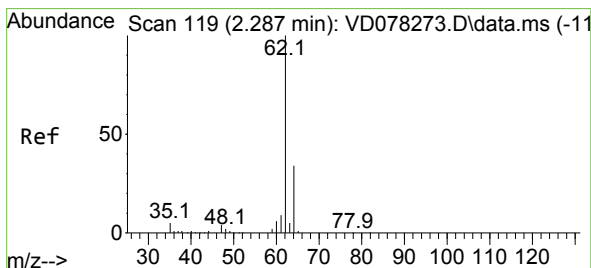
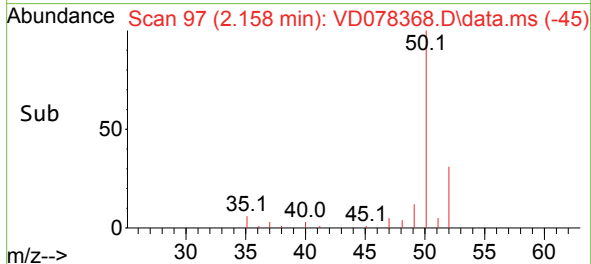
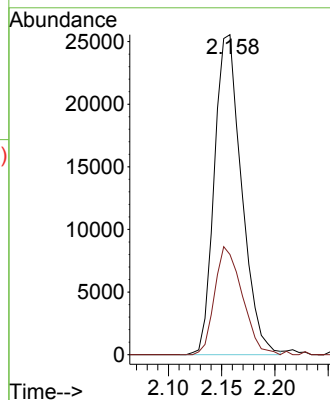
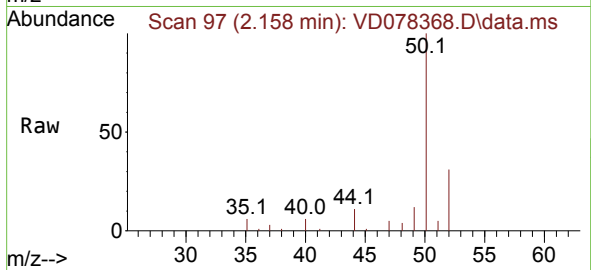




#3
Chloromethane
Concen: 19.510 ug/l
RT: 2.158 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD078368.D
Acq: 08 Feb 2024 14:46

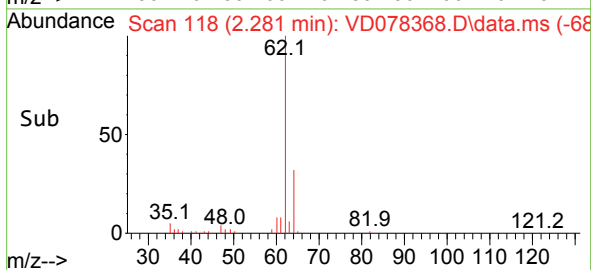
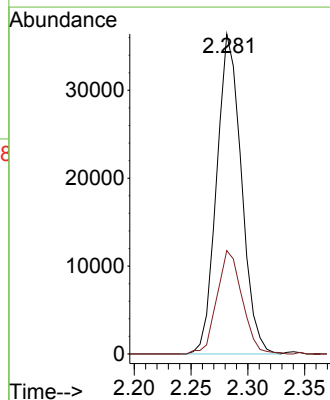
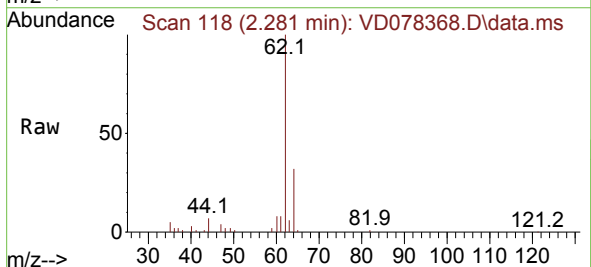
Instrument :
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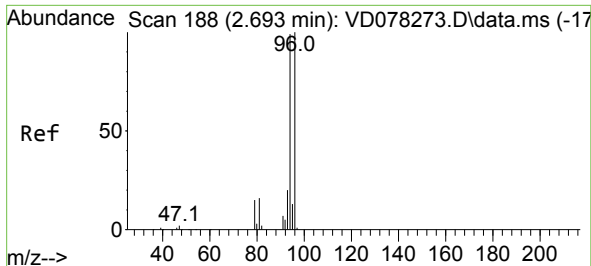
Tgt Ion: 50 Resp: 45415
Ion Ratio Lower Upper
50 100
52 31.3 26.6 40.0



#4
Vinyl Chloride
Concen: 17.992 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.006 min
Lab File: VD078368.D
Acq: 08 Feb 2024 14:46

Tgt Ion: 62 Resp: 55246
Ion Ratio Lower Upper
62 100
64 32.3 26.0 39.0

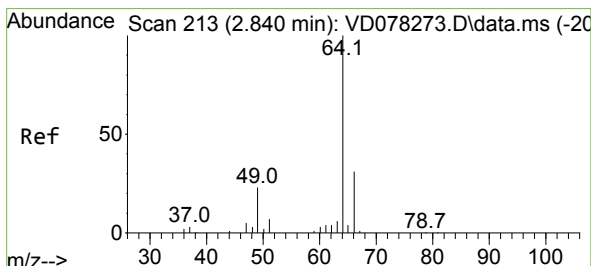
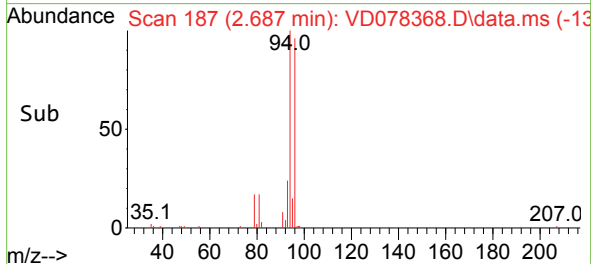
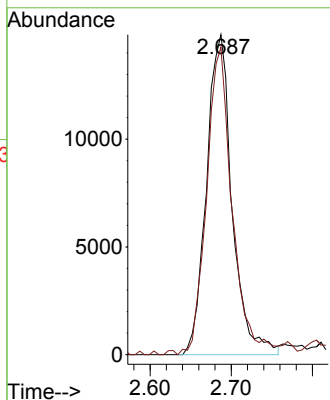
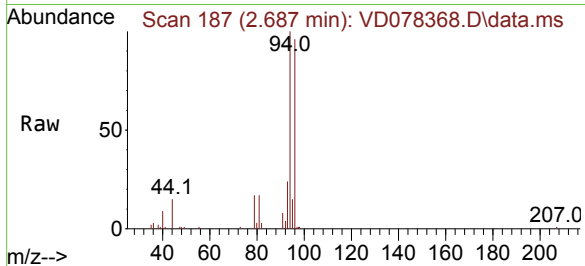




#5
Bromomethane
Concen: 17.552 ug/l
RT: 2.687 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078368.D
Acq: 08 Feb 2024 14:46

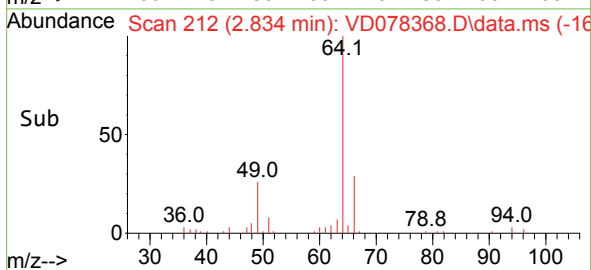
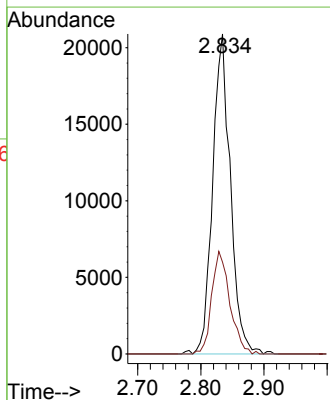
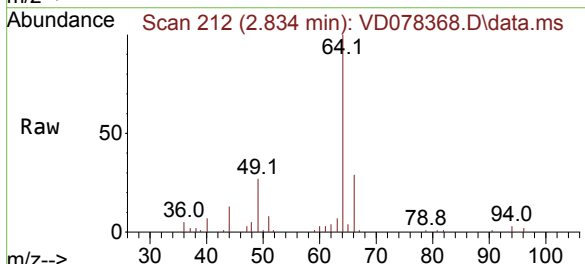
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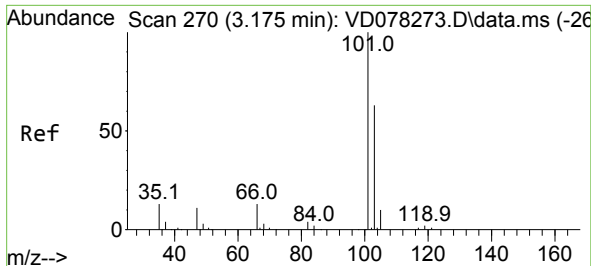
Tgt Ion: 94 Resp: 32629
Ion Ratio Lower Upper
94 100
96 95.5 75.8 113.8



#6
Chloroethane
Concen: 19.225 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.006 min
Lab File: VD078368.D
Acq: 08 Feb 2024 14:46

Tgt Ion: 64 Resp: 40775
Ion Ratio Lower Upper
64 100
66 28.7 25.5 38.3

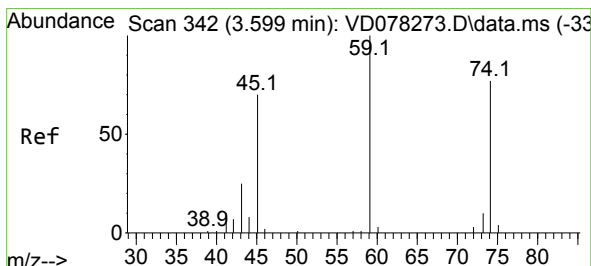
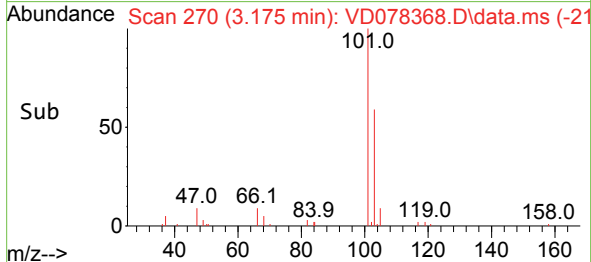
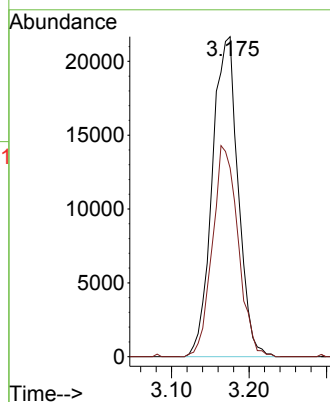
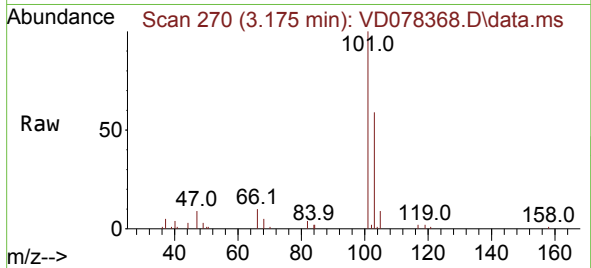




#7
 Trichlorofluoromethane
 Concen: 19.337 ug/l
 RT: 3.175 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD078368.D
 Acq: 08 Feb 2024 14:46

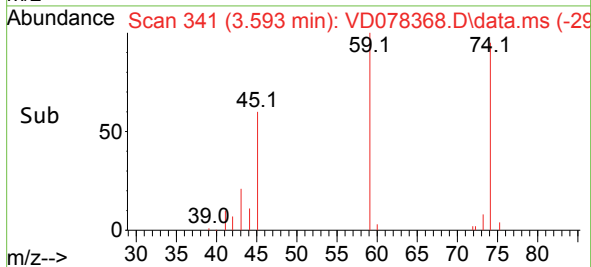
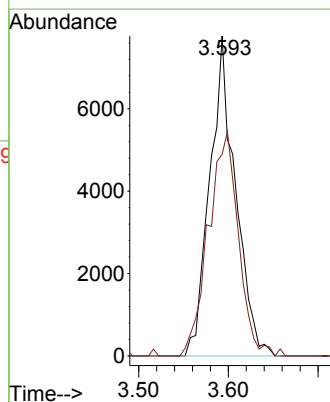
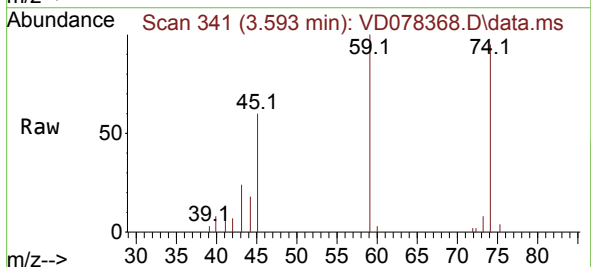
Instrument :
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 ClientSampleId :

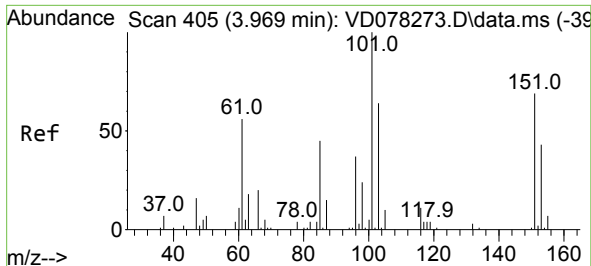
Tgt Ion:101 Resp: 50270
 Ion Ratio Lower Upper
 101 100
 103 59.0 52.3 78.5



#8
 Diethyl Ether
 Concen: 20.057 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 15425
 Ion Ratio Lower Upper
 74 100
 45 82.1 37.5 112.7

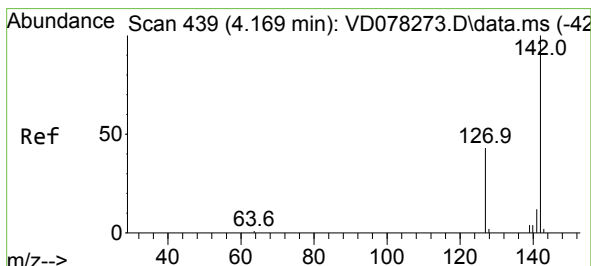
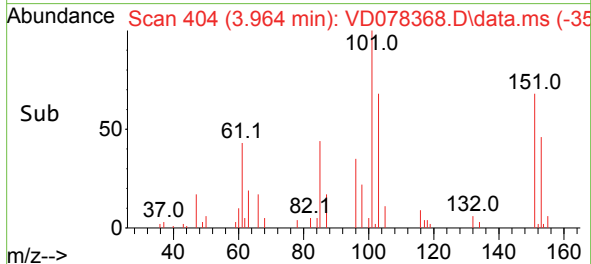
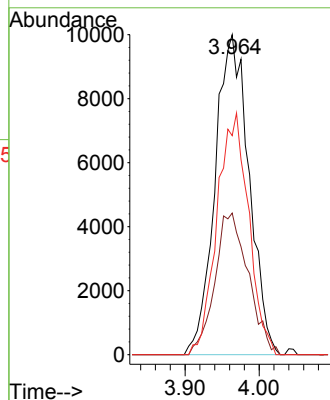
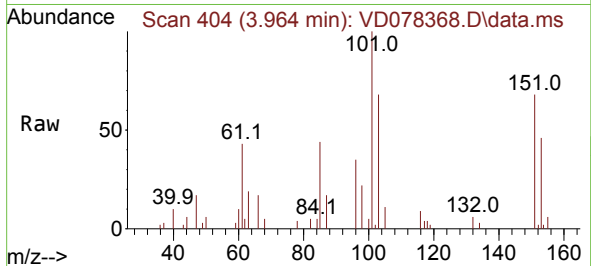




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.936 ug/l
RT: 3.964 min Scan# 405
Delta R.T. -0.006 min
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Acq: 08 Feb 2024 14:46

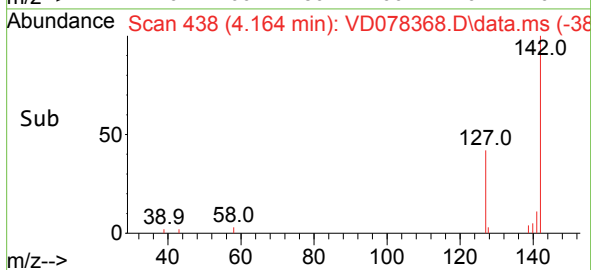
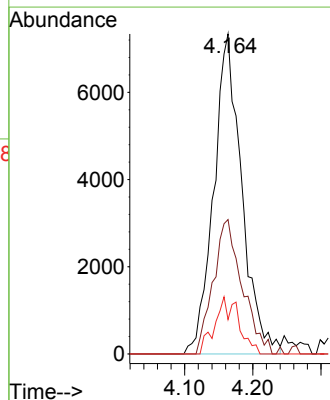
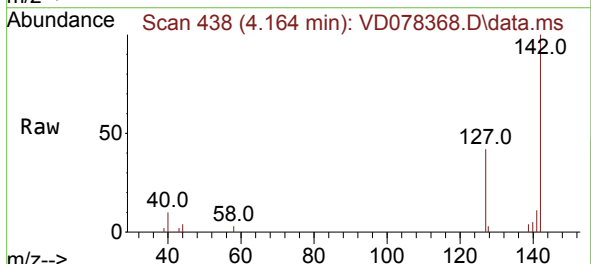
Instrument :
MSVOA_D
ClientSampleId :

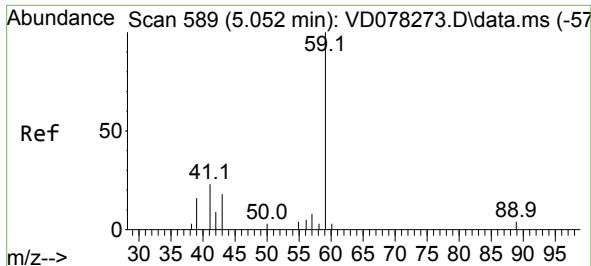
Tgt Ion:101 Resp: 31807
Ion Ratio Lower Upper
101 100
85 43.7 33.8 50.6
151 70.3 59.8 89.6



#10
Methyl Iodide
Concen: 14.461 ug/l
RT: 4.164 min Scan# 438
Delta R.T. -0.006 min
Lab File: VD078368.D
Acq: 08 Feb 2024 14:46

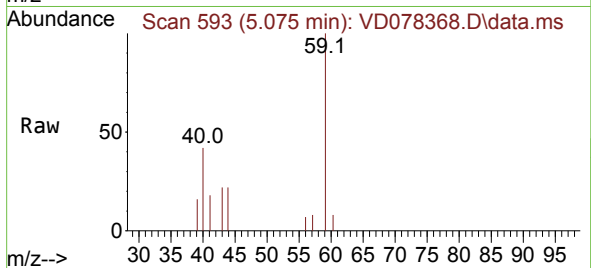
Tgt Ion:142 Resp: 20987
Ion Ratio Lower Upper
142 100
127 43.3 29.4 44.0
141 15.3 11.1 16.7



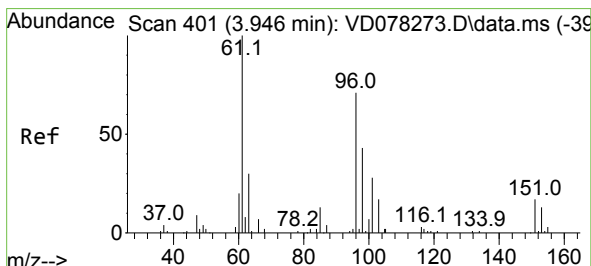
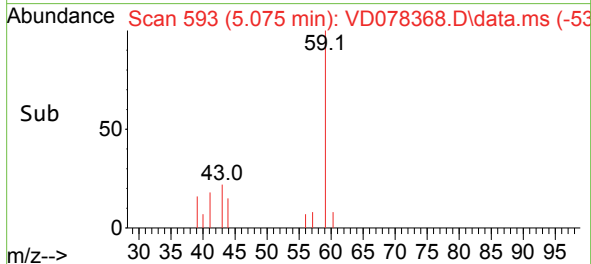
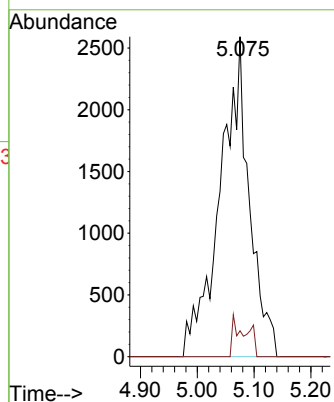


#11
Tert butyl alcohol
Concen: 104.865 ug/l
RT: 5.075 min Scan# 51
Delta R.T. 0.024 min
Lab File: VD078368.D
Acq: 08 Feb 2024 14:46

Instrument :
MSVOA_D
ClientSampleId :

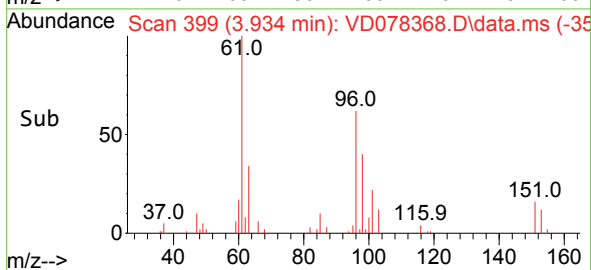
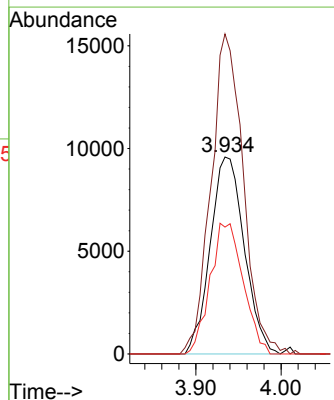
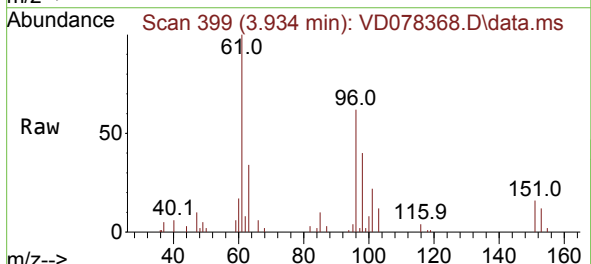


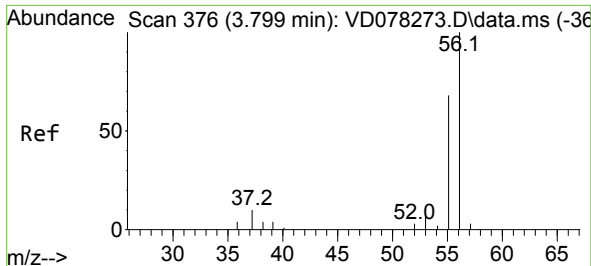
Tgt Ion: 59 Resp: 9266
Ion Ratio Lower Upper
59 100
57 3.4 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 17.256 ug/l
RT: 3.934 min Scan# 399
Delta R.T. -0.012 min
Lab File: VD078368.D
Acq: 08 Feb 2024 14:46

Tgt Ion: 96 Resp: 26565
Ion Ratio Lower Upper
96 100
61 162.5 100.6 150.8#
98 64.4 50.2 75.2





#13

Acrolein

Concen: 65.331 ug/l

RT: 3.805 min Scan# 31

Delta R.T. 0.006 min

Lab File: VD078368.D

Acq: 08 Feb 2024 14:46

Instrument :

MSVOA_D

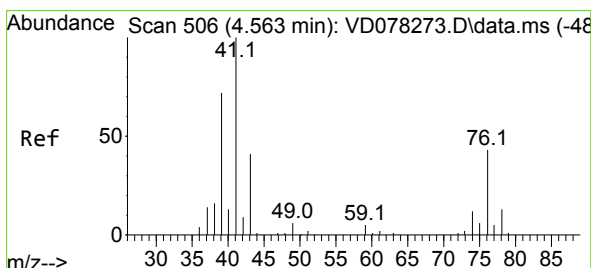
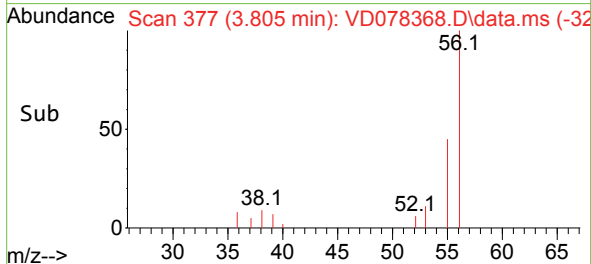
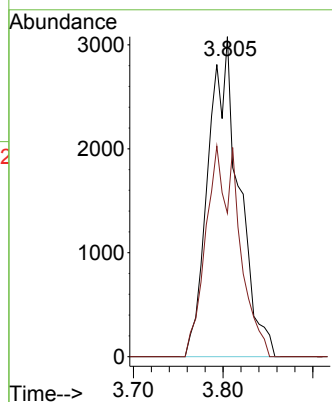
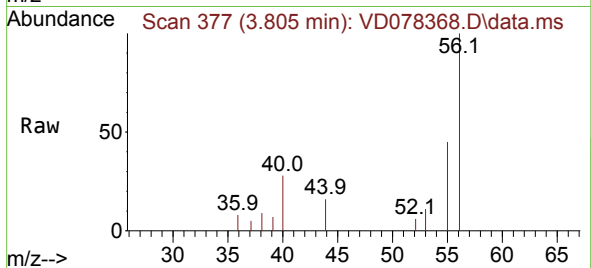
ClientSampleId :

Tgt Ion: 56 Resp: 7328

Ion Ratio Lower Upper

56 100

55 70.2 55.1 82.7



#14

Allyl chloride

Concen: 16.854 ug/l

RT: 4.552 min Scan# 504

Delta R.T. -0.012 min

Lab File: VD078368.D

Acq: 08 Feb 2024 14:46

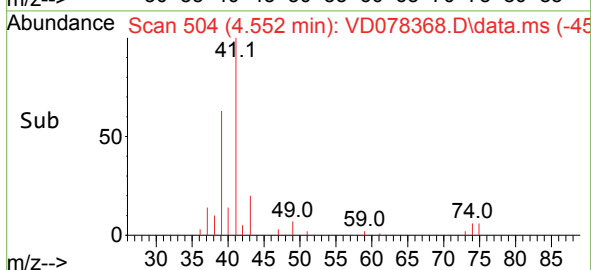
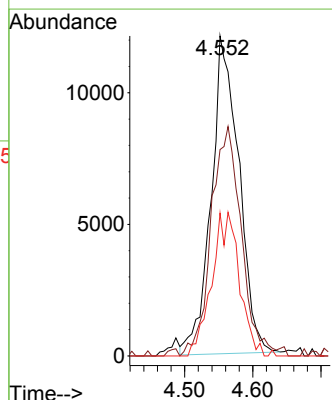
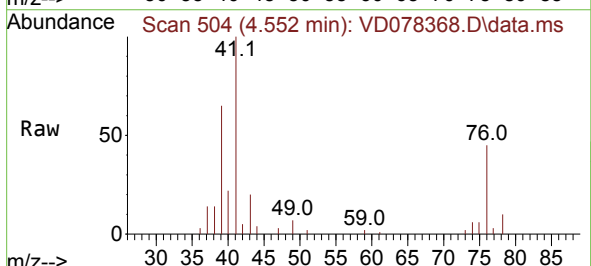
Tgt Ion: 41 Resp: 34209

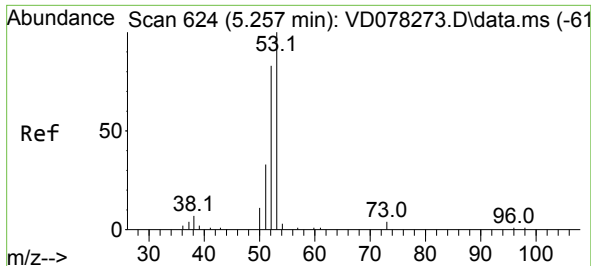
Ion Ratio Lower Upper

41 100

39 78.7 53.8 80.6

76 45.0 45.8 68.8#

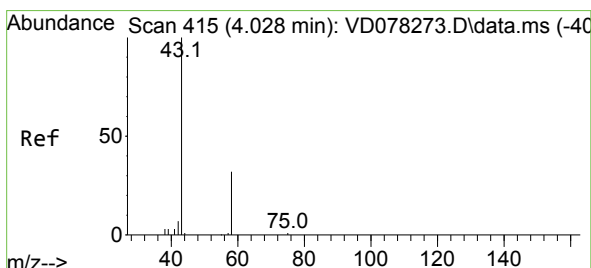
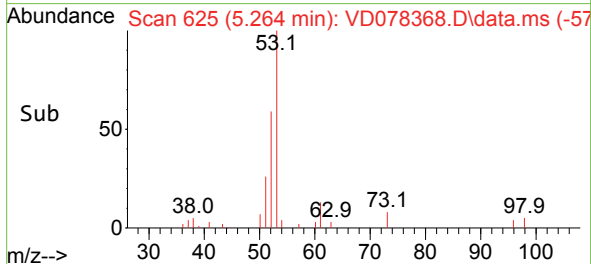
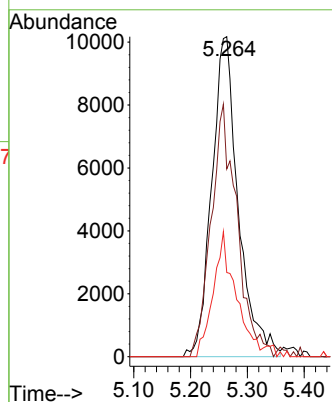
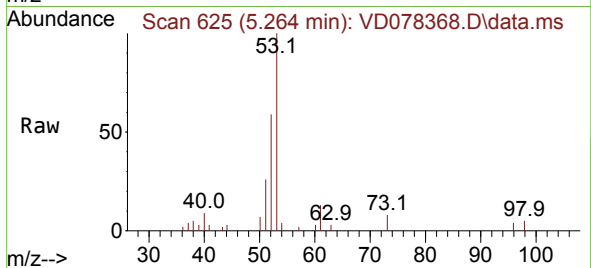




#15
Acrylonitrile
Concen: 97.245 ug/l
RT: 5.264 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD078368.D
Acq: 08 Feb 2024 14:46

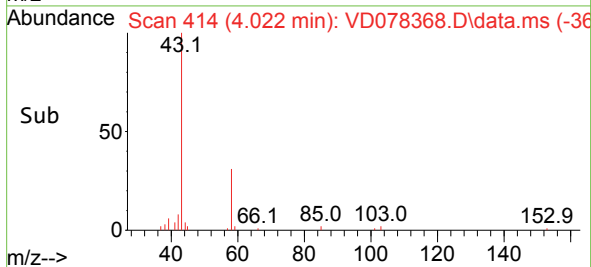
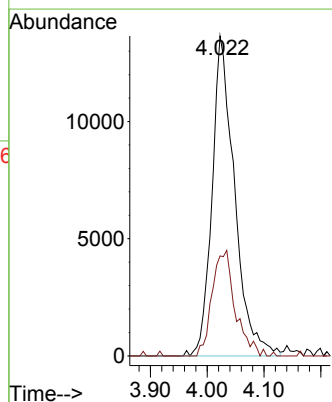
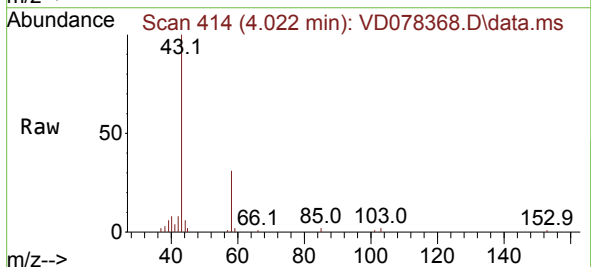
Instrument :
MSVOA_D
ClientSampleId :

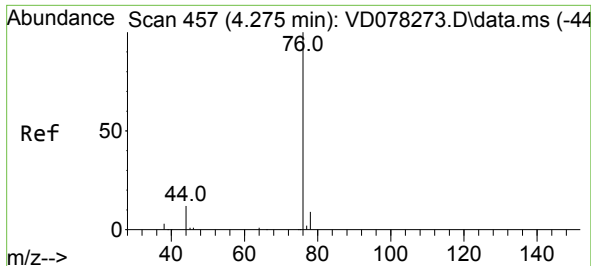
Tgt Ion: 53	Resp: 33056
Ion Ratio	Lower Upper
53 100	
52 76.8	65.0 97.4
51 33.3	28.3 42.5



#16
Acetone
Concen: 107.220 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.006 min
Lab File: VD078368.D
Acq: 08 Feb 2024 14:46

Tgt Ion: 43	Resp: 37547
Ion Ratio	Lower Upper
43 100	
58 31.3	34.7 52.1#





#17

Carbon Disulfide

Concen: 14.755 ug/l

RT: 4.269 min Scan# 4

Delta R.T. -0.006 min

Lab File: VD078368.D

Acq: 08 Feb 2024 14:46

Instrument :

MSVOA_D

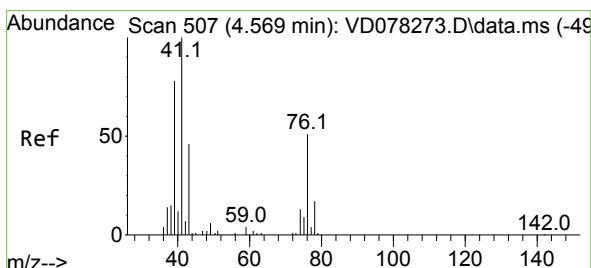
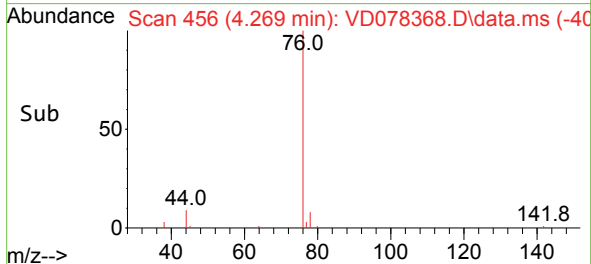
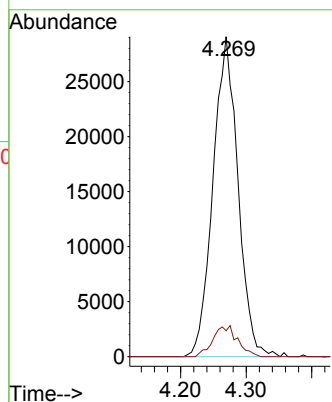
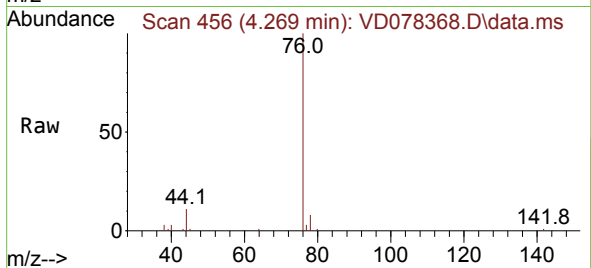
ClientSampleId :

Tgt Ion: 76 Resp: 76681

Ion Ratio Lower Upper

76 100

78 8.1 6.8 10.2



#18

Methyl Acetate

Concen: 17.275 ug/l

RT: 4.564 min Scan# 506

Delta R.T. -0.006 min

Lab File: VD078368.D

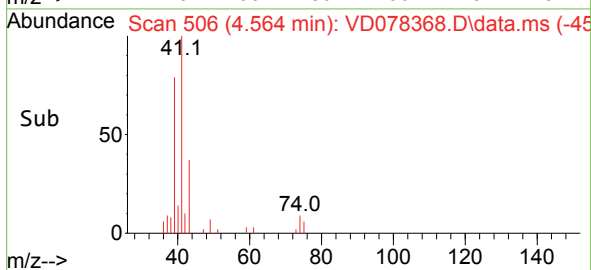
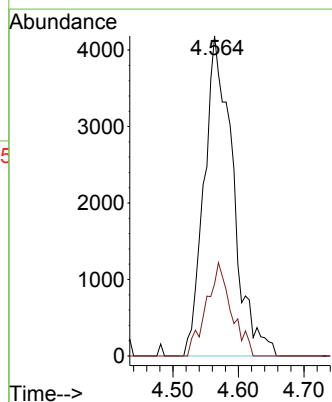
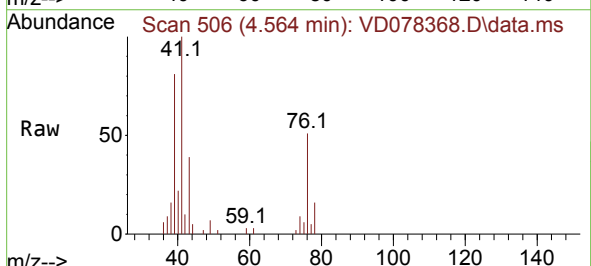
Acq: 08 Feb 2024 14:46

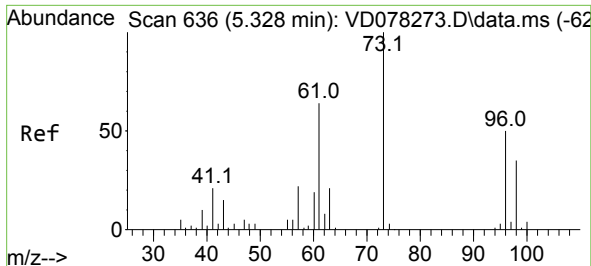
Tgt Ion: 43 Resp: 12755

Ion Ratio Lower Upper

43 100

74 25.4 26.4 39.6#

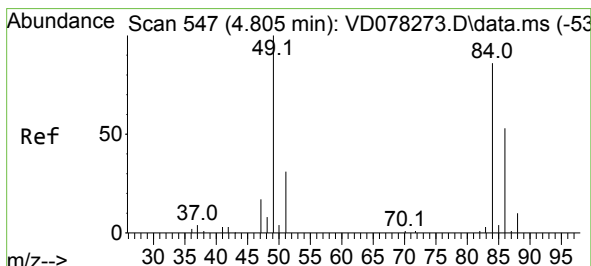
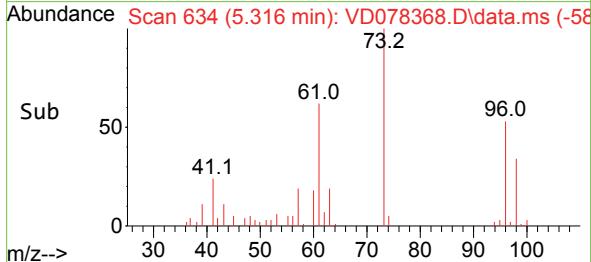
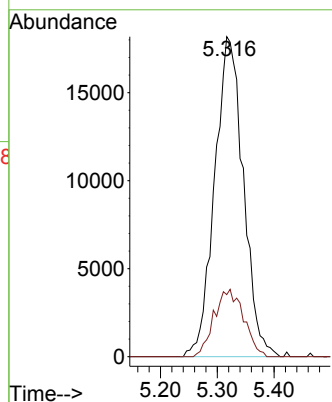
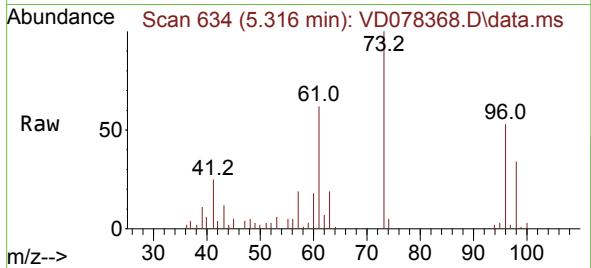




#19
Methyl tert-butyl Ether
Concen: 19.890 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.012 min
Lab File: VD078368.D
Acq: 08 Feb 2024 14:46

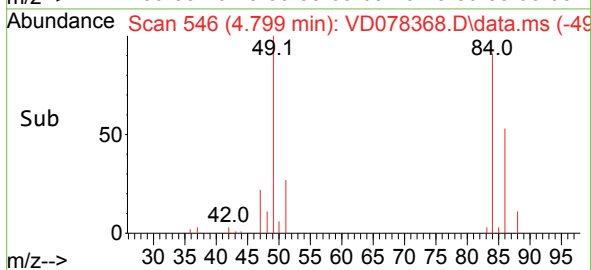
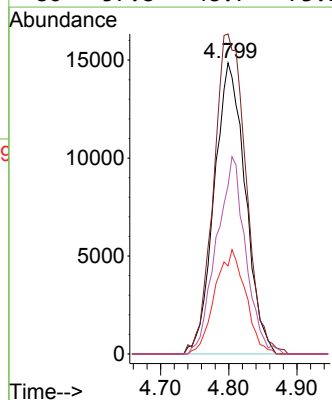
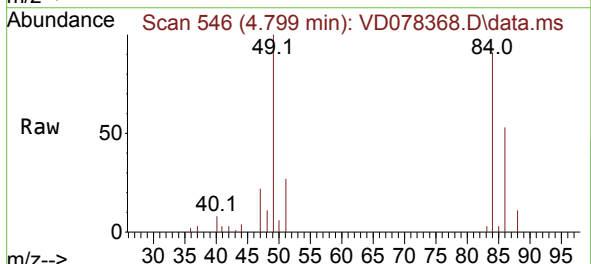
Instrument :
MSVOA_D
ClientSampleId :

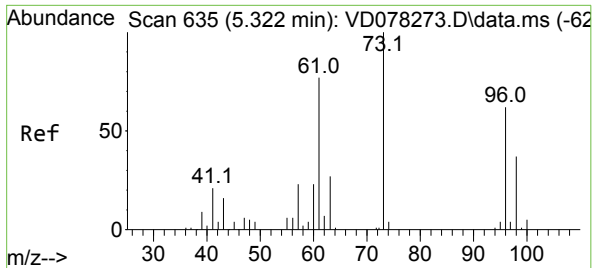
Tgt Ion: 73 Resp: 63679
Ion Ratio Lower Upper
73 100
57 19.4 16.6 25.0



#20
Methylene Chloride
Concen: 26.709 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD078368.D
Acq: 08 Feb 2024 14:46

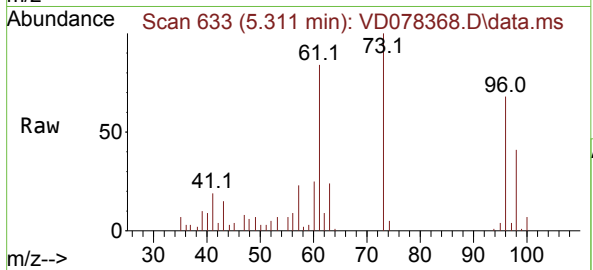
Tgt Ion: 84 Resp: 47042
Ion Ratio Lower Upper
84 100
49 109.9 71.4 107.2#
51 30.2 24.5 36.7
86 57.8 48.7 73.1



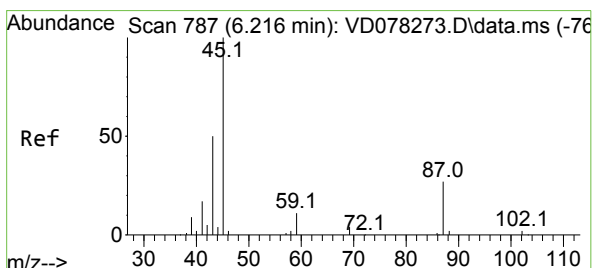
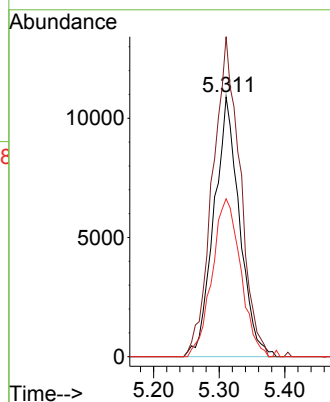
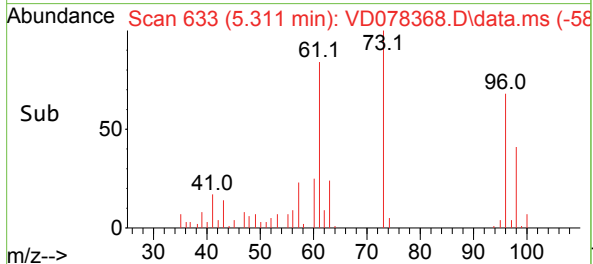


#21
trans-1,2-Dichloroethene
Concen: 16.960 ug/l
RT: 5.311 min Scan# 61
Delta R.T. -0.012 min
Lab File: VD078368.D
Acq: 08 Feb 2024 14:46

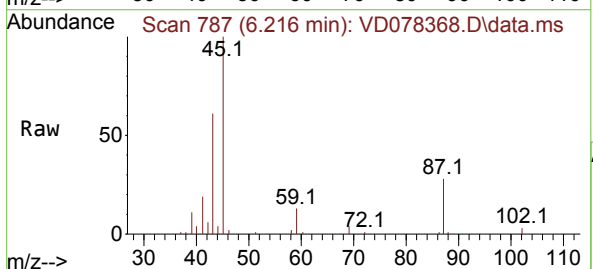
Instrument :
MSVOA_D
ClientSampleId :



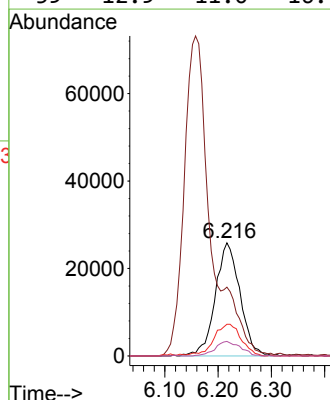
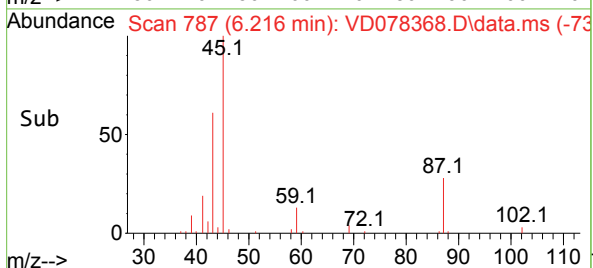
Tgt Ion:	96	Resp:	29520
Ion	Ratio	Lower	Upper
96	100		
61	123.2	89.3	133.9
98	60.8	48.6	73.0

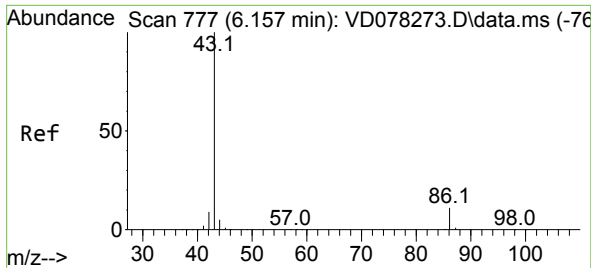


#22
Diisopropyl ether
Concen: 19.316 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD078368.D
Acq: 08 Feb 2024 14:46



Tgt Ion:	45	Resp:	83422
Ion	Ratio	Lower	Upper
45	100		
43	58.3	40.0	60.0
87	28.0	28.2	42.4#
59	12.9	11.0	16.4

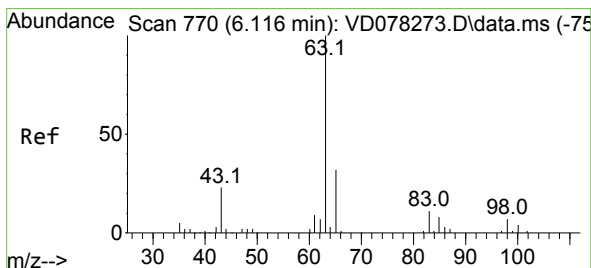
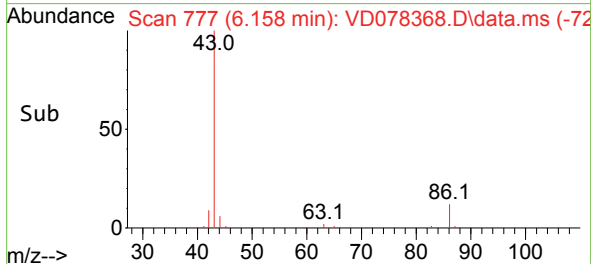
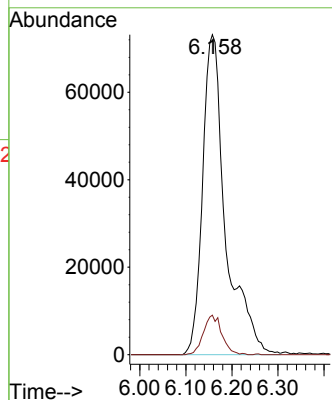
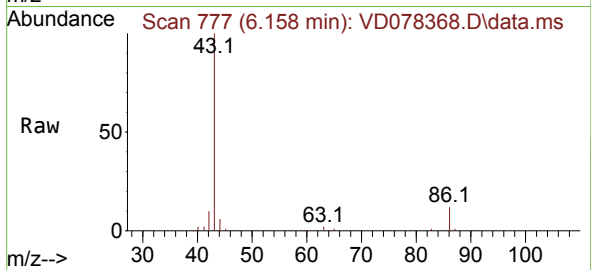




#23
 Vinyl Acetate
 Concen: 96.846 ug/l
 RT: 6.158 min Scan# 711
 Delta R.T. 0.000 min
 Lab File: VD078368.D
 Acq: 08 Feb 2024 14:46

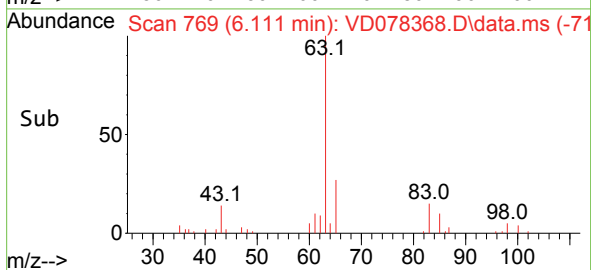
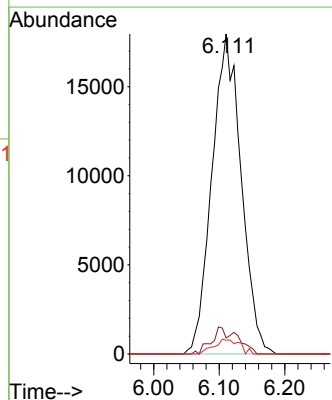
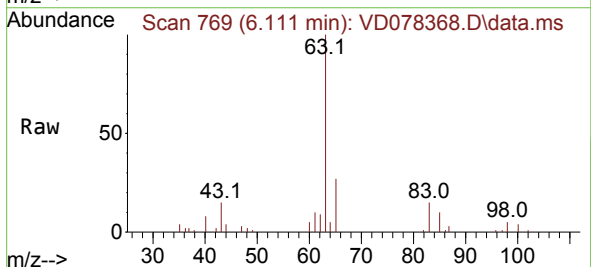
Instrument :
 MSVOA_D
 ClientSampleId :

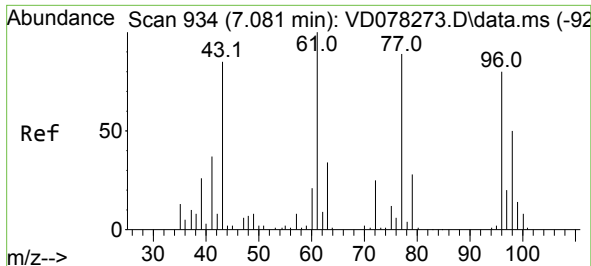
Tgt Ion: 43 Resp: 255182
 Ion Ratio Lower Upper
 43 100
 86 12.3 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 18.574 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. -0.006 min
 Lab File: VD078368.D
 Acq: 08 Feb 2024 14:46

Tgt Ion: 63 Resp: 55534
 Ion Ratio Lower Upper
 63 100
 98 5.0 4.5 13.7
 100 4.3 2.5 7.5

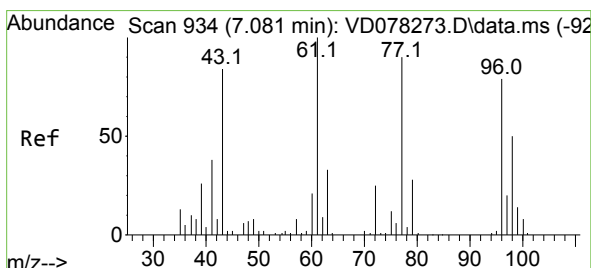
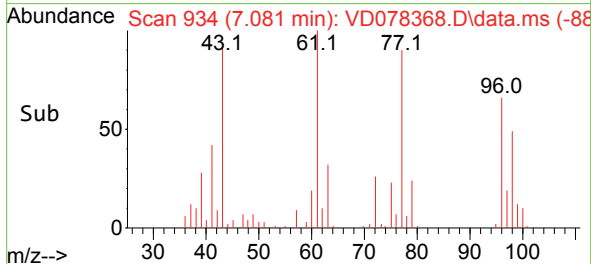
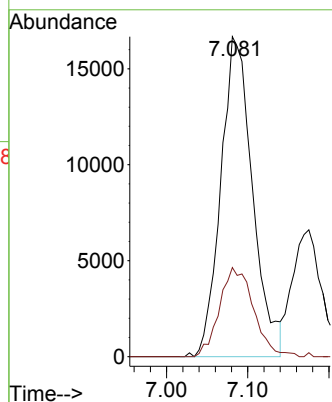
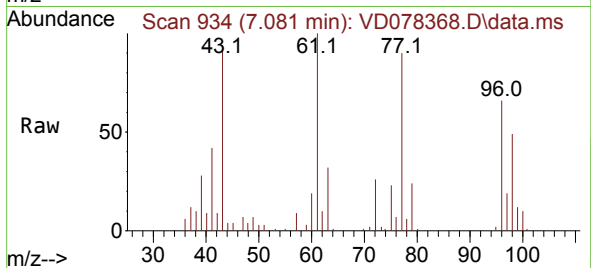




#25
2-Butanone
Concen: 98.220 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD078368.D
Acq: 08 Feb 2024 14:46

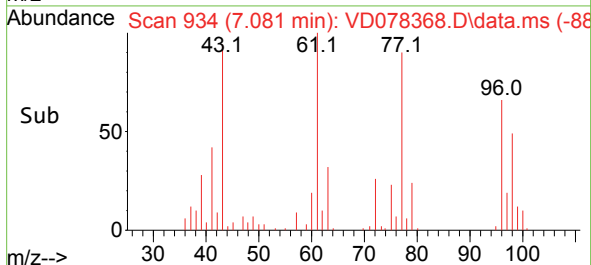
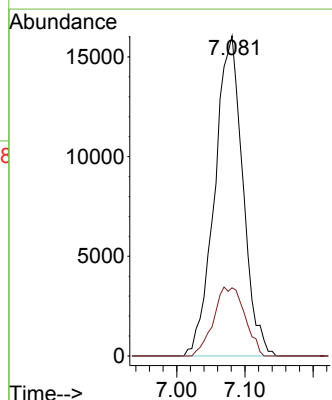
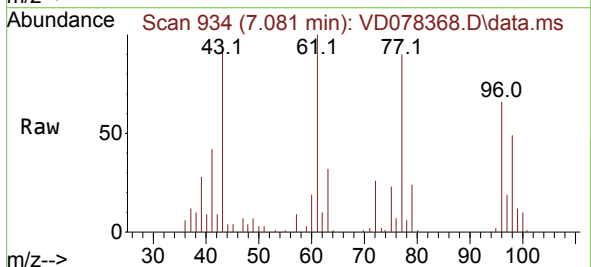
Instrument :
MSVOA_D
ClientSampleId :

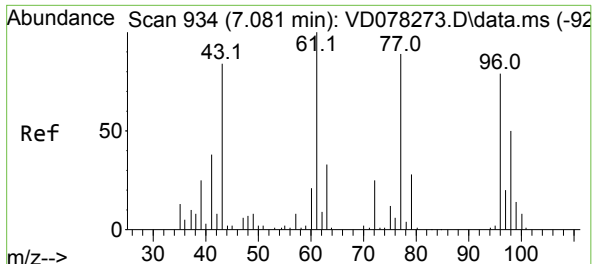
Tgt Ion: 43 Resp: 45338
Ion Ratio Lower Upper
43 100
72 27.9 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 18.886 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.000 min
Lab File: VD078368.D
Acq: 08 Feb 2024 14:46

Tgt Ion: 77 Resp: 46126
Ion Ratio Lower Upper
77 100
97 23.9 13.2 39.6

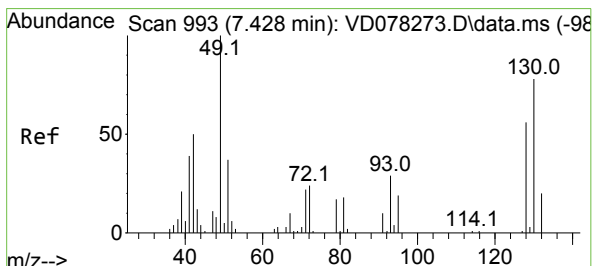
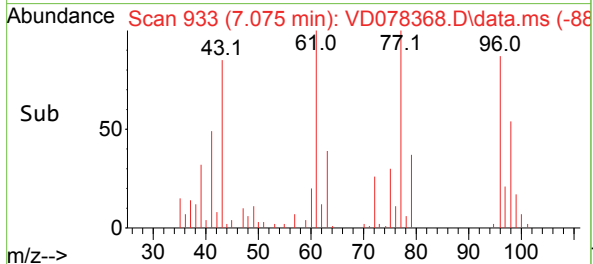
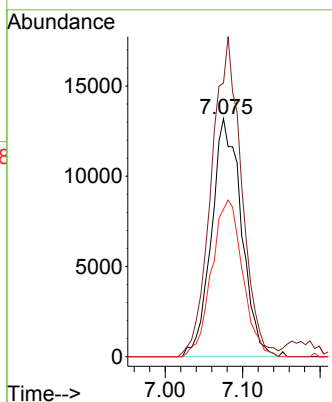
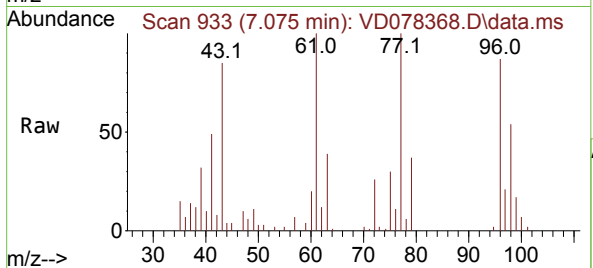




#27
 cis-1,2-Dichloroethene
 Concen: 18.318 ug/l
 RT: 7.075 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VD078368.D
 Acq: 08 Feb 2024 14:46

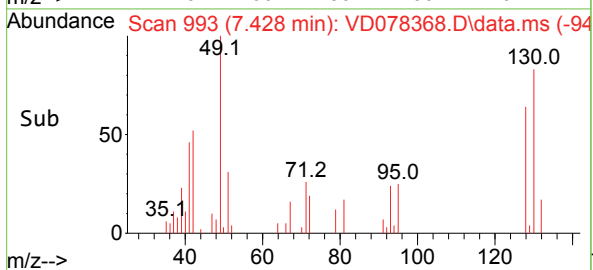
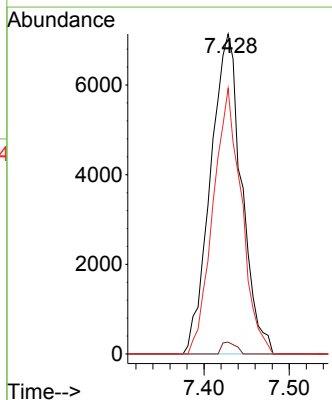
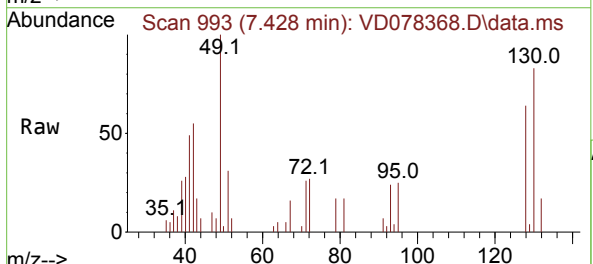
Instrument :
 MSVOA_D
 ClientSampleId :

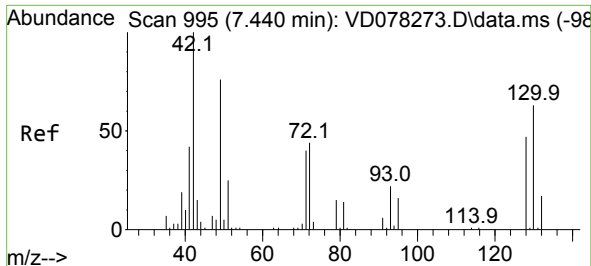
Tgt Ion: 96	Resp: 35337
Ion Ratio	Lower Upper
96 100	
61 135.7	0.0 239.2
98 68.2	0.0 128.6



#28
 Bromochloromethane
 Concen: 17.003 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.000 min
 Lab File: VD078368.D
 Acq: 08 Feb 2024 14:46

Tgt Ion: 49	Resp: 18132
Ion Ratio	Lower Upper
49 100	
129 1.7	0.0 6.0
130 75.9	83.2 124.8#





#29

Tetrahydrofuran

Concen: 90.828 ug/l

RT: 7.458 min Scan# 995

Delta R.T. 0.018 min

Lab File: VD078368.D

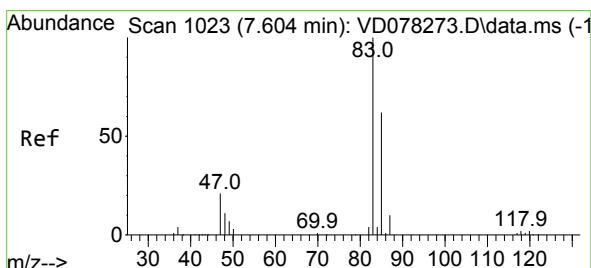
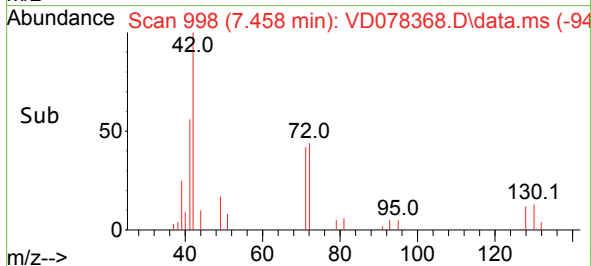
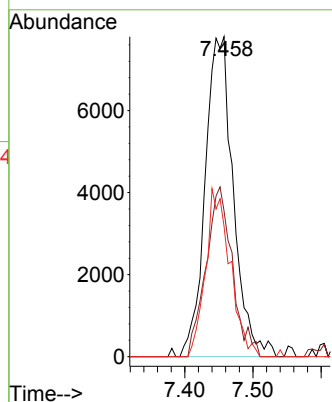
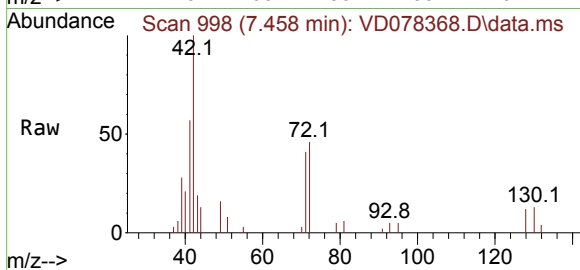
Acq: 08 Feb 2024 14:46

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	42	Resp:	22429
Ion Ratio	Lower	Upper	
42	100		
72	49.5	46.5	69.7
71	45.5	44.5	66.7



#30

Chloroform

Concen: 19.657 ug/l

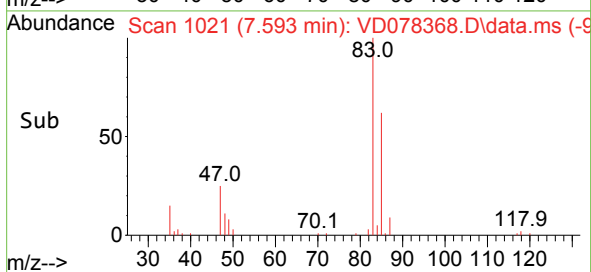
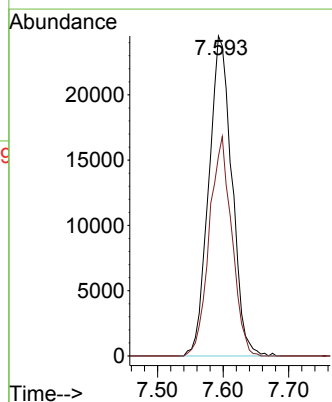
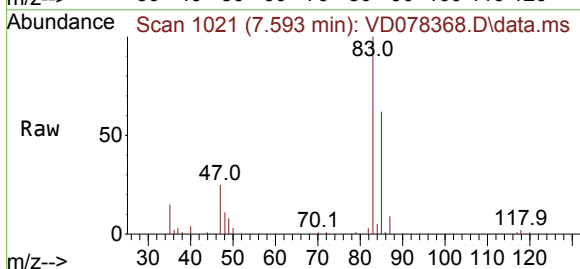
RT: 7.593 min Scan# 1021

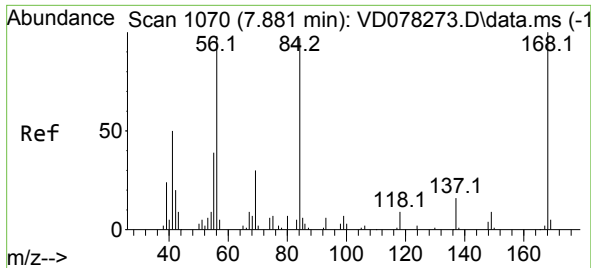
Delta R.T. -0.012 min

Lab File: VD078368.D

Acq: 08 Feb 2024 14:46

Tgt Ion:	83	Resp:	60091
Ion Ratio	Lower	Upper	
83	100		
85	62.4	53.4	80.2

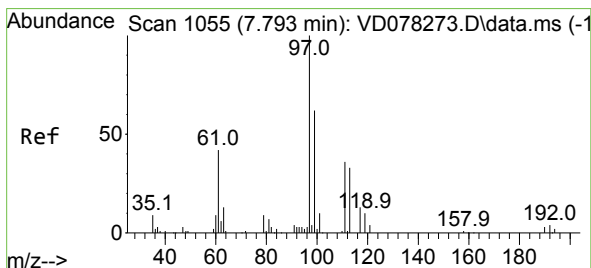
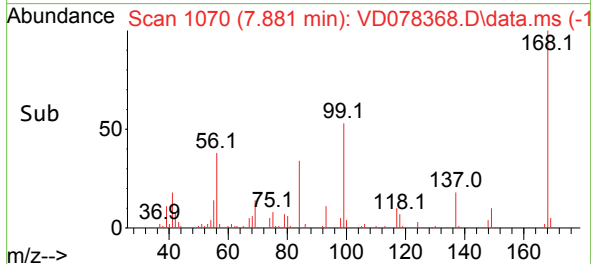
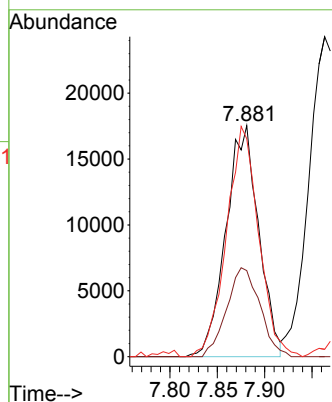
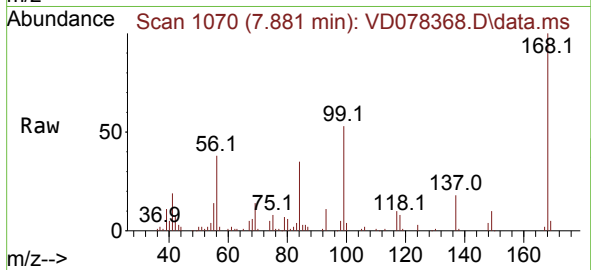




#31
Cyclohexane
Concen: 16.244 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD078368.D
Acq: 08 Feb 2024 14:46

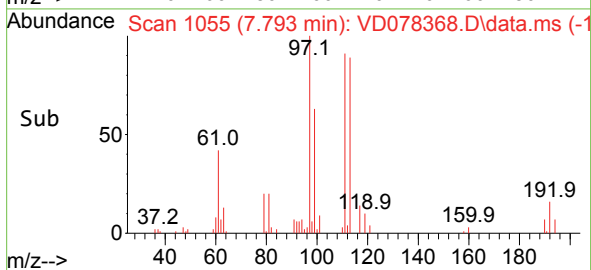
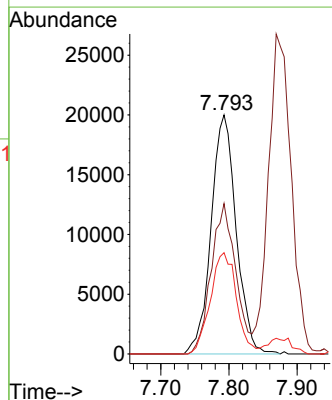
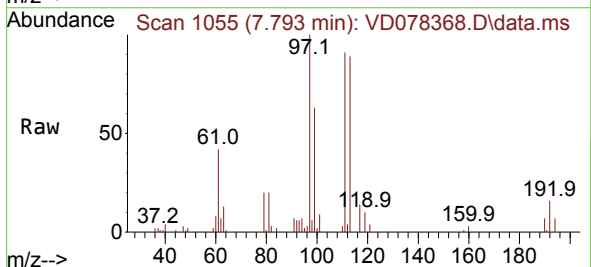
Instrument :
MSVOA_D
ClientSampleId :

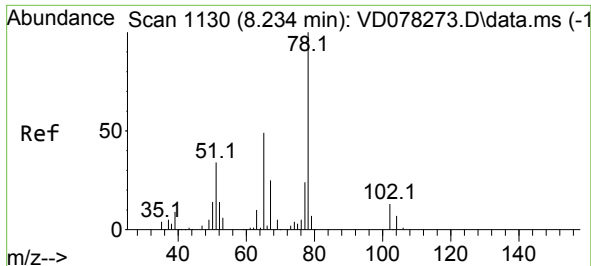
Tgt Ion: 56 Resp: 42143
Ion Ratio Lower Upper
56 100
69 37.3 28.6 43.0
84 94.3 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 19.445 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VD078368.D
Acq: 08 Feb 2024 14:46

Tgt Ion: 97 Resp: 51229
Ion Ratio Lower Upper
97 100
99 62.0 52.0 78.0
61 44.1 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 39.944 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD078368.D

Acq: 08 Feb 2024 14:46

Instrument :

MSVOA_D

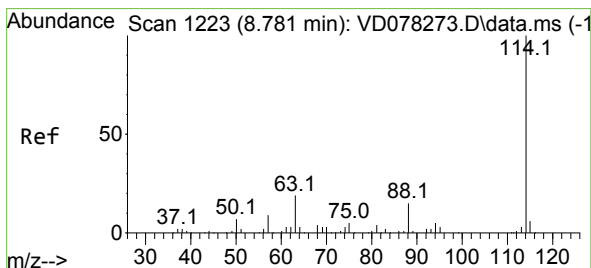
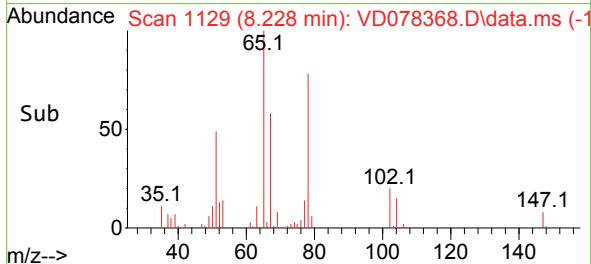
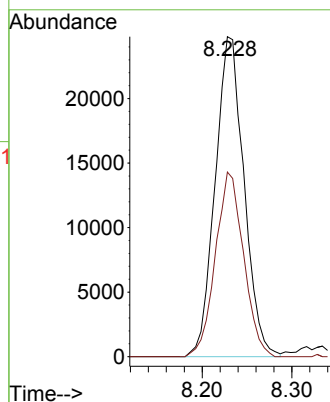
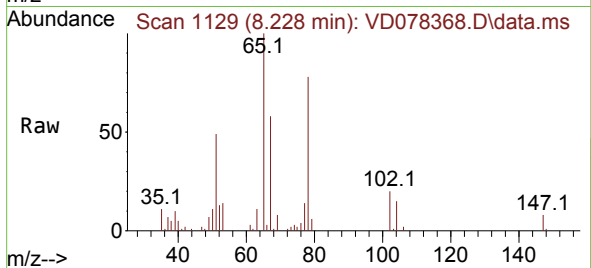
ClientSampleId :

Tgt Ion: 65 Resp: 55334

Ion Ratio Lower Upper

65 100

67 56.4 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.006 min

Lab File: VD078368.D

Acq: 08 Feb 2024 14:46

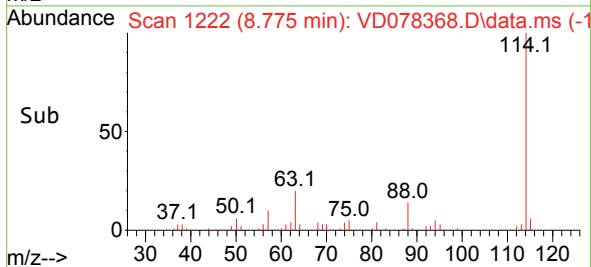
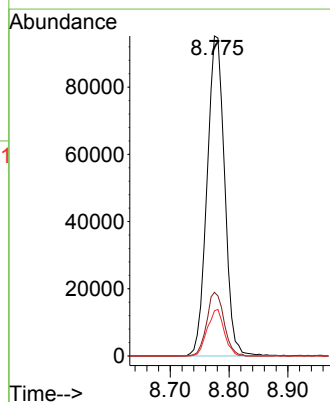
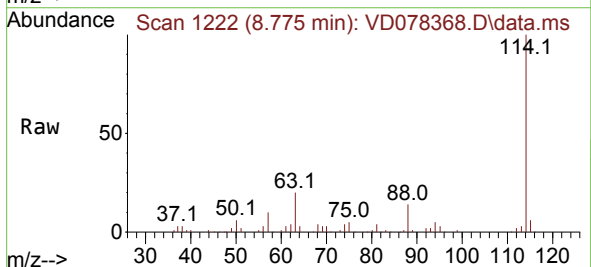
Tgt Ion:114 Resp: 197396

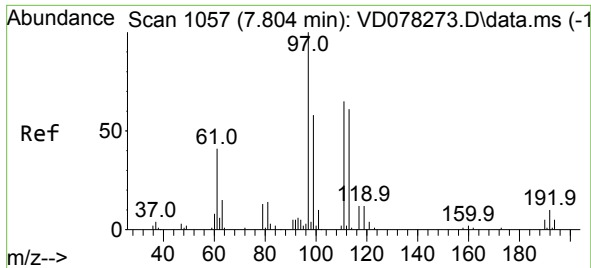
Ion Ratio Lower Upper

114 100

63 19.9 0.0 33.4

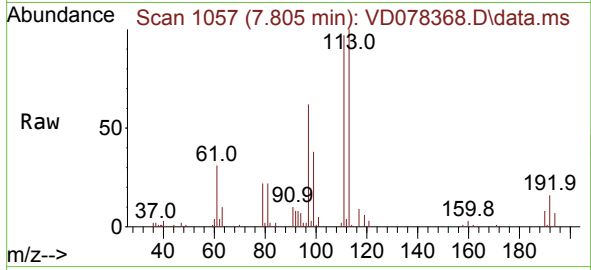
88 14.1 0.0 26.2



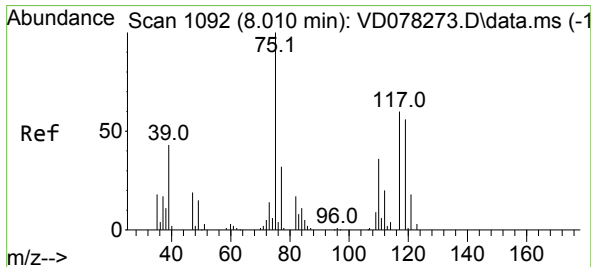
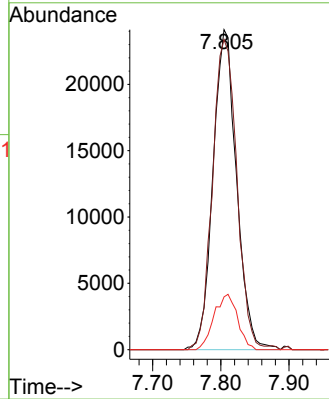
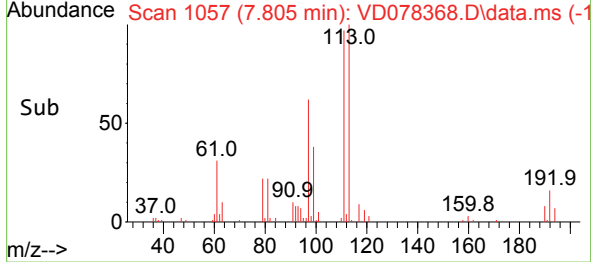


#35
Dibromofluoromethane
Concen: 41.206 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD078368.D
Acq: 08 Feb 2024 14:46

Instrument :
MSVOA_D
ClientSampleId :

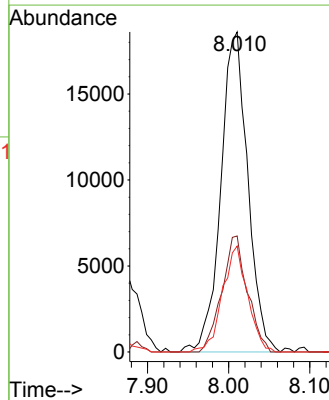
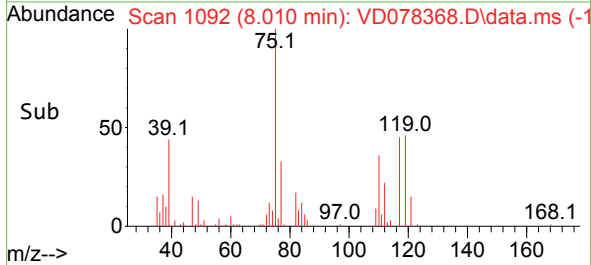
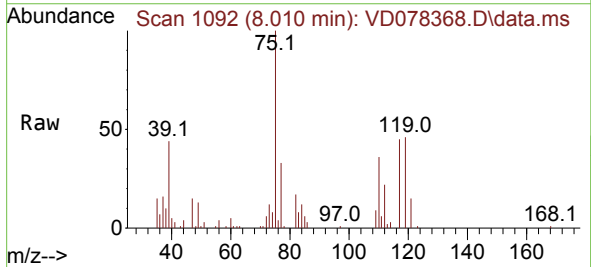


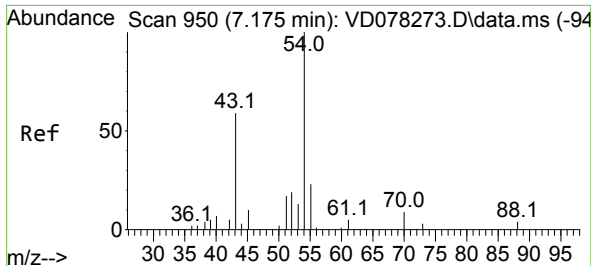
Tgt Ion:113 Resp: 57908
Ion Ratio Lower Upper
113 100
111 100.6 84.7 127.1
192 17.3 16.8 25.2



#36
1,1-Dichloropropene
Concen: 18.464 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VD078368.D
Acq: 08 Feb 2024 14:46

Tgt Ion: 75 Resp: 43029
Ion Ratio Lower Upper
75 100
110 34.4 19.9 59.6
77 30.8 24.7 37.1





#37

Ethyl Acetate

Concen: 19.496 ug/l

RT: 7.175 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD078368.D

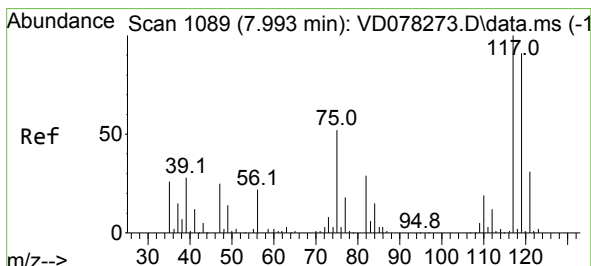
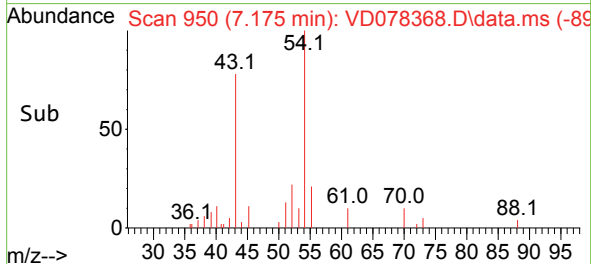
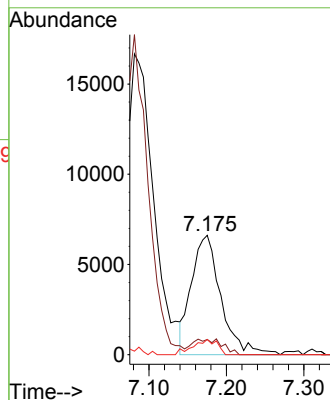
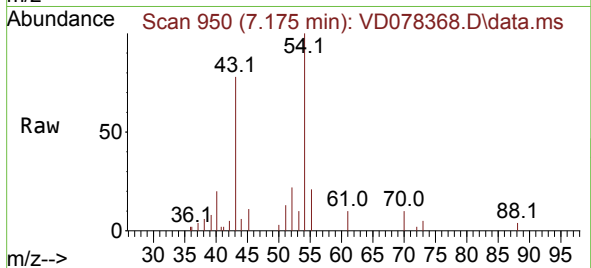
Acq: 08 Feb 2024 14:46

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 43	Resp: 17486
Ion Ratio	Lower Upper
43	100
61	13.4 14.9 22.3#
70	10.3 10.0 15.0



#38

Carbon Tetrachloride

Concen: 18.956 ug/l

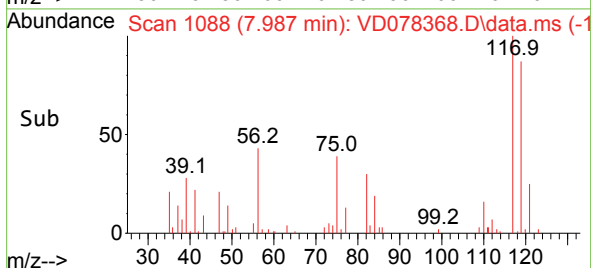
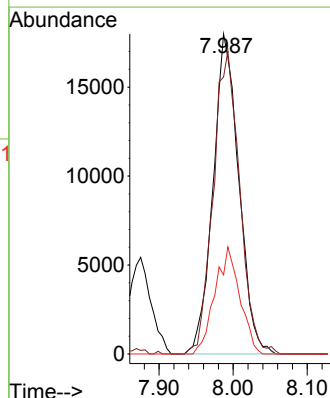
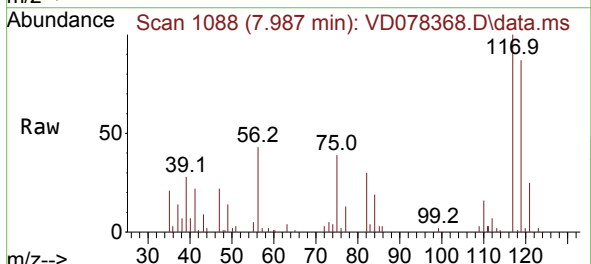
RT: 7.987 min Scan# 1088

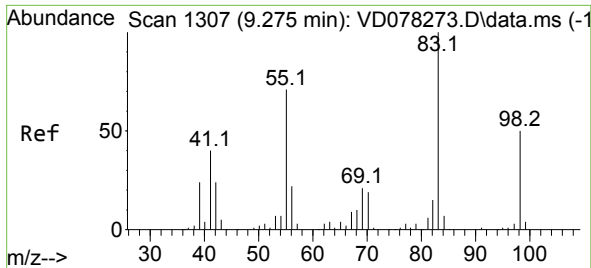
Delta R.T. -0.006 min

Lab File: VD078368.D

Acq: 08 Feb 2024 14:46

Tgt Ion: 117	Resp: 43435
Ion Ratio	Lower Upper
117	100
119	86.6 78.0 117.0
121	24.7 24.2 36.2

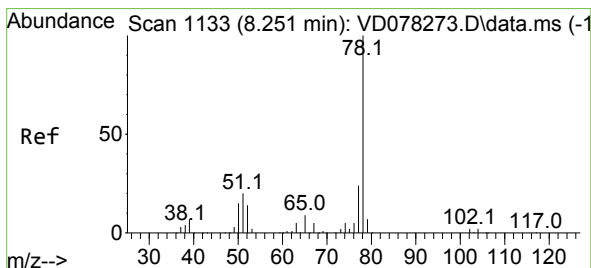
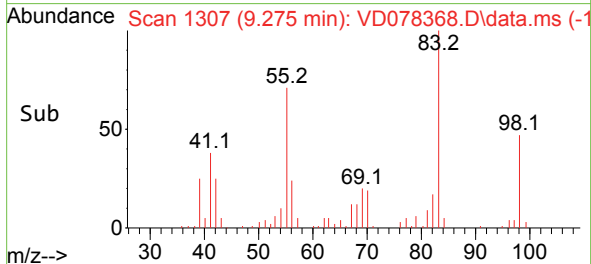
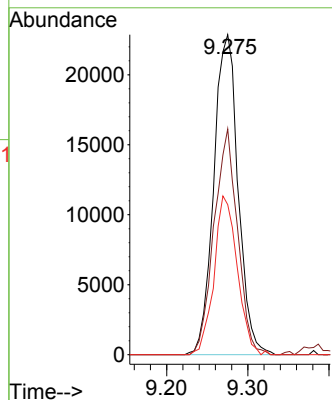
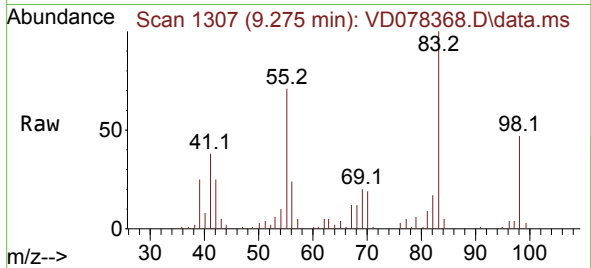




#39
Methylcyclohexane
Concen: 17.313 ug/l
RT: 9.275 min Scan# 11307
Delta R.T. 0.000 min
Lab File: VD078368.D
Acq: 08 Feb 2024 14:46

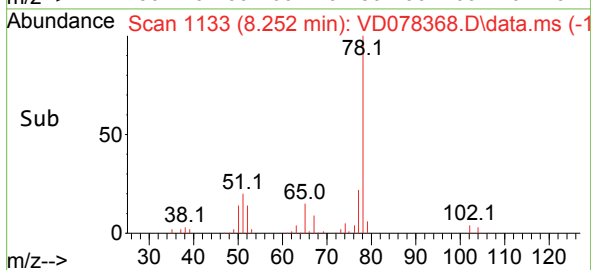
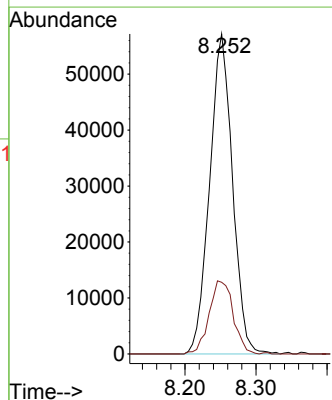
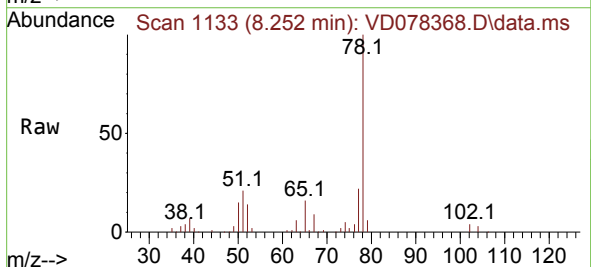
Instrument :
MSVOA_D
ClientSampleId :

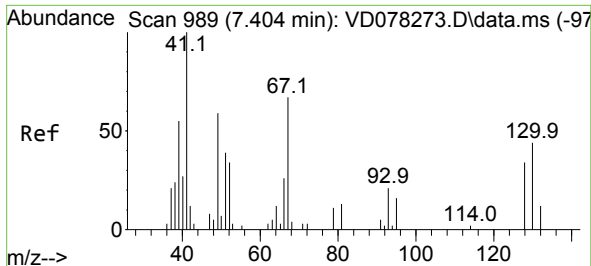
Tgt Ion: 83 Resp: 47701
Ion Ratio Lower Upper
83 100
55 70.6 49.4 74.0
98 46.9 38.4 57.6



#40
Benzene
Concen: 18.787 ug/l
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD078368.D
Acq: 08 Feb 2024 14:46

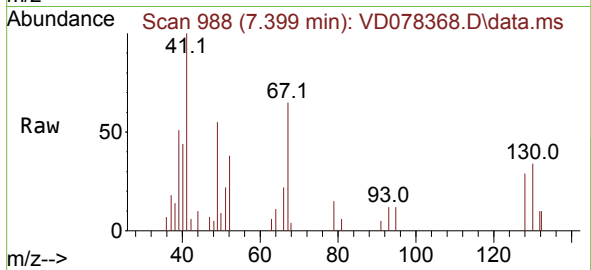
Tgt Ion: 78 Resp: 127743
Ion Ratio Lower Upper
78 100
77 22.4 19.4 29.0



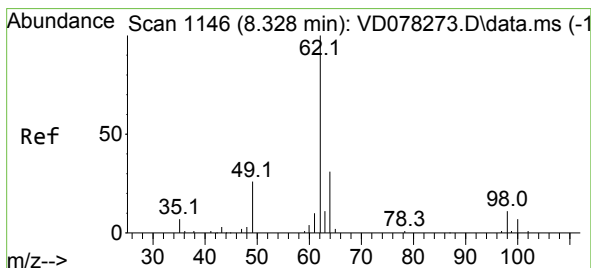
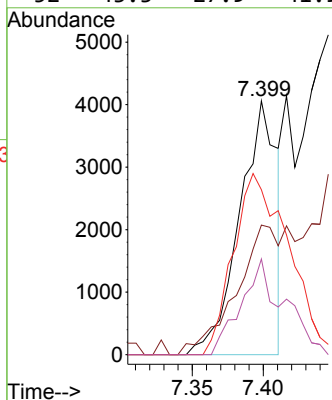
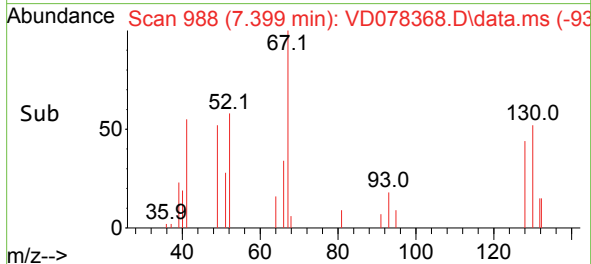


#41
Methacrylonitrile
Concen: 15.409 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD078368.D
Acq: 08 Feb 2024 14:46

Instrument :
MSVOA_D
ClientSampleId :

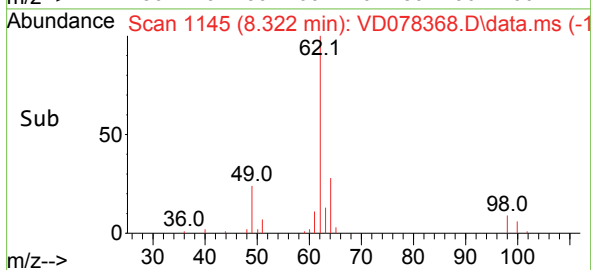
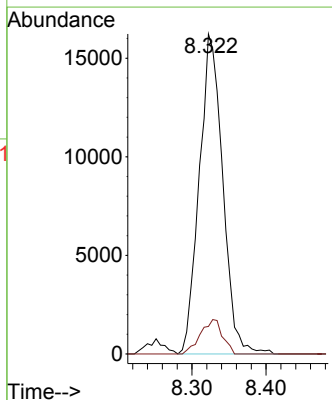
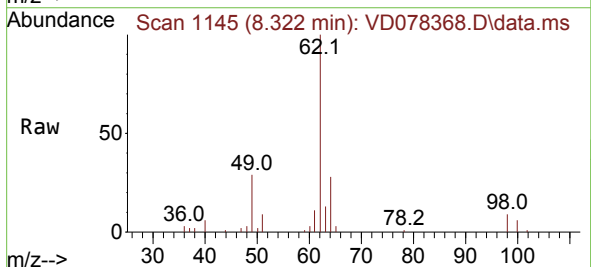


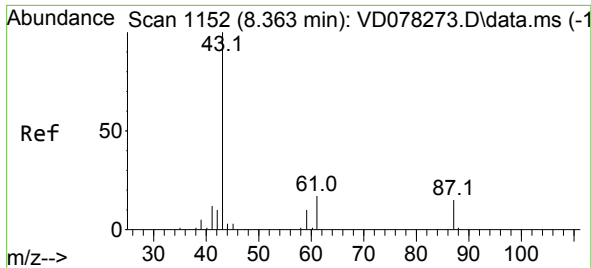
Tgt Ion:	41	Resp:	7430
Ion	Ratio	Lower	Upper
41	100		
39	57.6	34.0	51.0#
67	106.3	77.0	115.4
52	43.3	27.9	41.9#



#42
1,2-Dichloroethane
Concen: 20.257 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD078368.D
Acq: 08 Feb 2024 14:46

Tgt Ion:	62	Resp:	35724
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	25.4

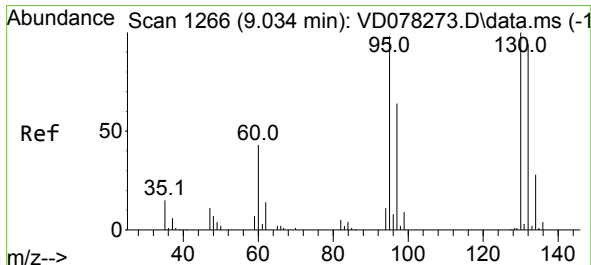
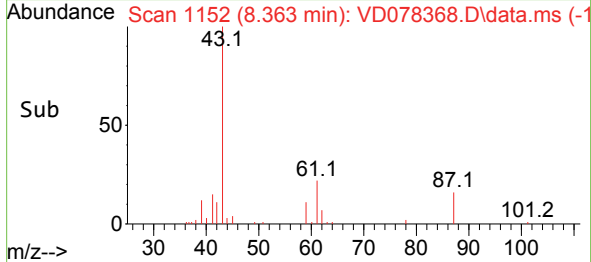
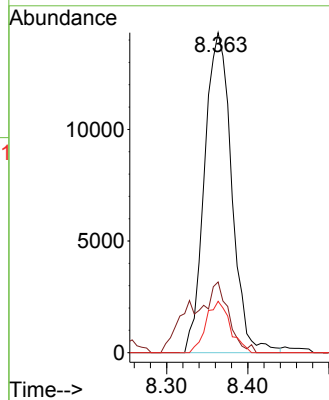
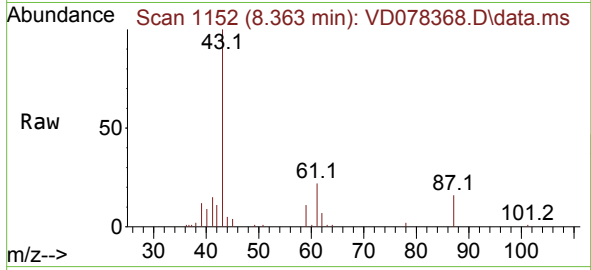




#43
Isopropyl Acetate
Concen: 20.676 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD078368.D
Acq: 08 Feb 2024 14:46

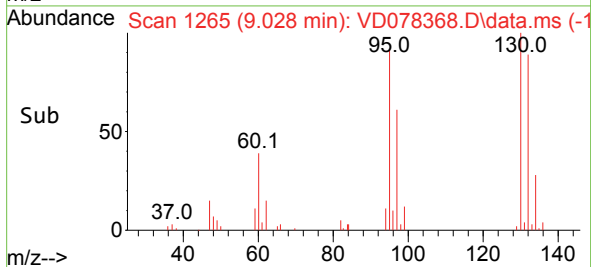
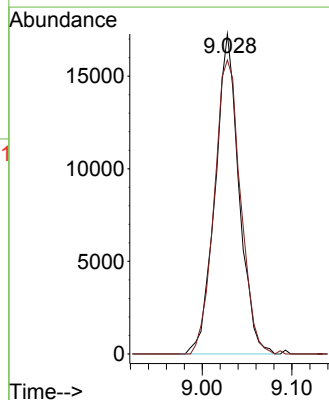
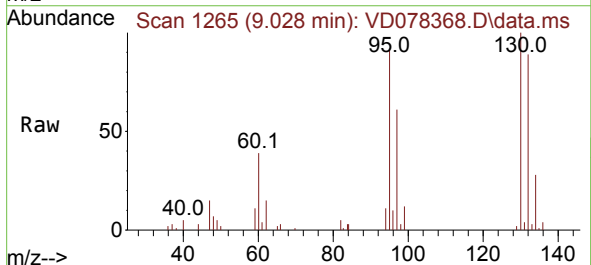
Instrument :
MSVOA_D
ClientSampleId :

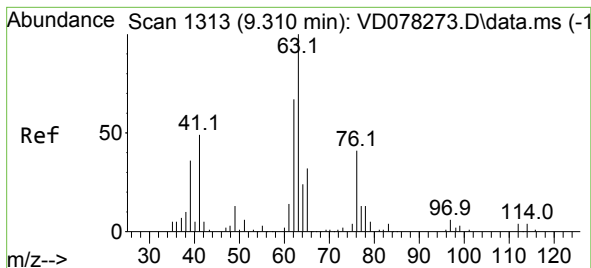
Tgt Ion: 43 Resp: 33250
Ion Ratio Lower Upper
43 100
61 18.2 31.4 47.0#
87 14.2 14.9 22.3#



#44
Trichloroethene
Concen: 19.122 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.006 min
Lab File: VD078368.D
Acq: 08 Feb 2024 14:46

Tgt Ion:130 Resp: 31928
Ion Ratio Lower Upper
130 100
95 91.9 0.0 179.2





#45

1,2-Dichloropropane

Concen: 19.592 ug/l

RT: 9.304 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD078368.D

Acq: 08 Feb 2024 14:46

Instrument :

MSVOA_D

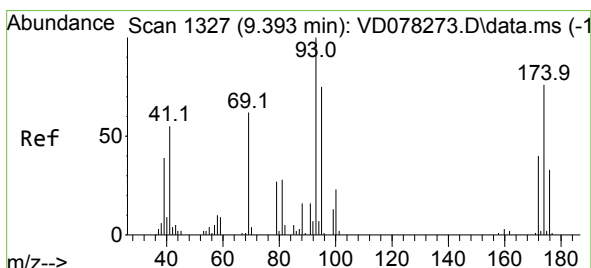
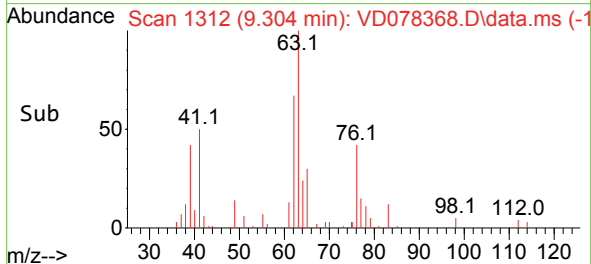
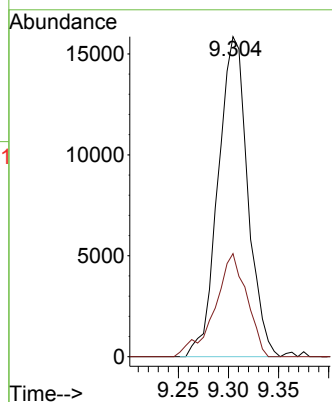
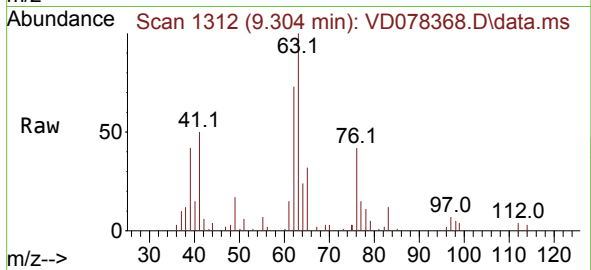
ClientSampleId :

Tgt Ion: 63 Resp: 32571

Ion Ratio Lower Upper

63 100

65 32.2 24.5 36.7



#46

Dibromomethane

Concen: 19.692 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD078368.D

Acq: 08 Feb 2024 14:46

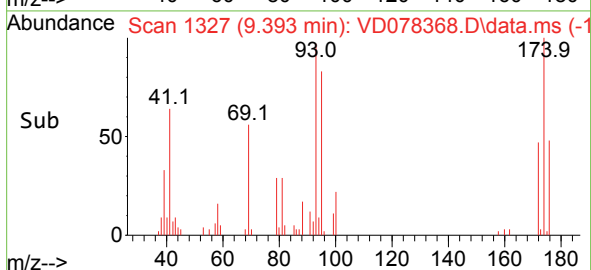
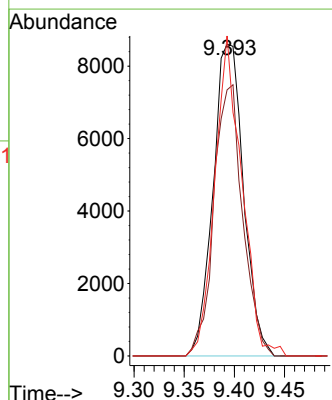
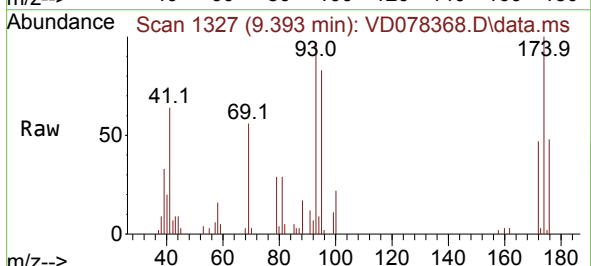
Tgt Ion: 93 Resp: 18164

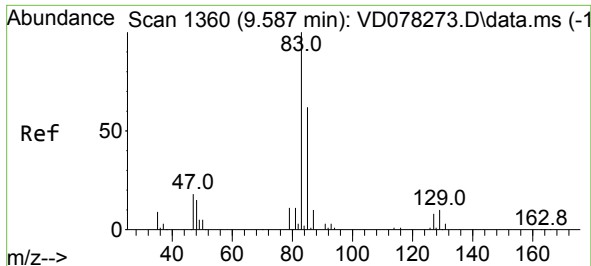
Ion Ratio Lower Upper

93 100

95 82.6 67.7 101.5

174 91.1 85.4 128.2

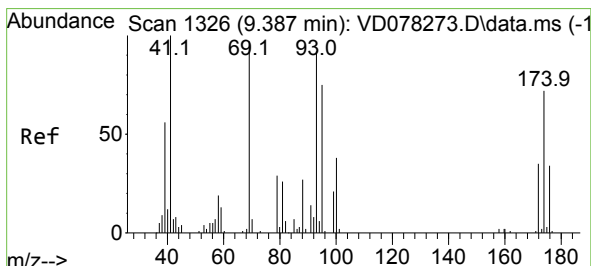
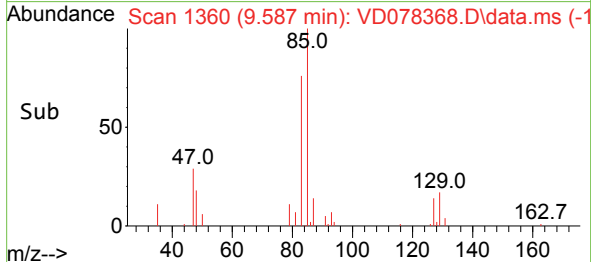
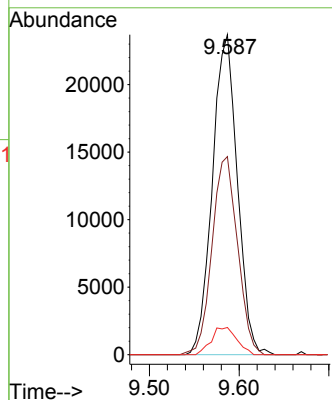
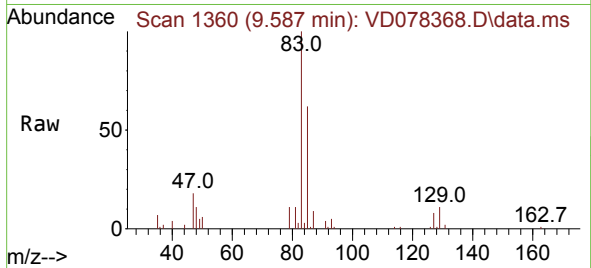




#47
Bromodichloromethane
Concen: 20.175 ug/l
RT: 9.587 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078368.D
Acq: 08 Feb 2024 14:46

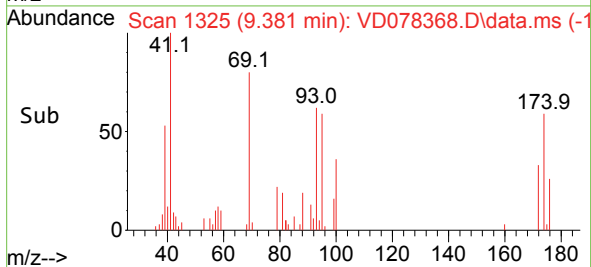
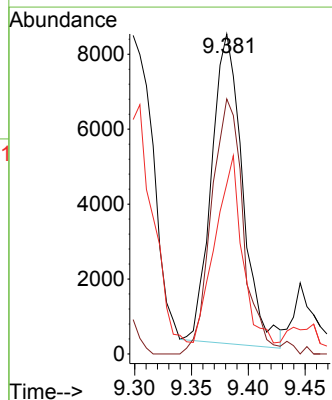
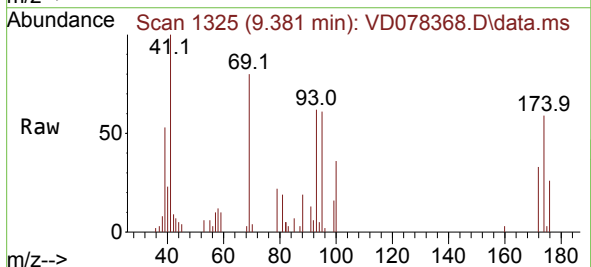
Instrument :
MSVOA_D
ClientSampleId :

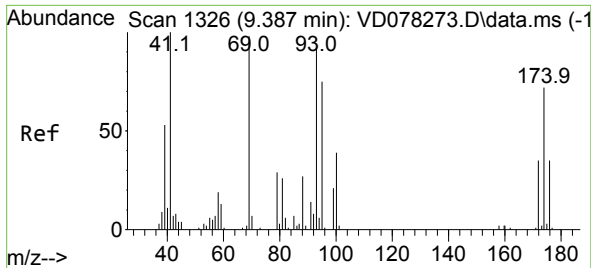
Tgt Ion: 83 Resp: 45786
Ion Ratio Lower Upper
83 100
85 61.9 50.2 75.4
127 8.5 6.3 9.5



#48
Methyl methacrylate
Concen: 20.494 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.006 min
Lab File: VD078368.D
Acq: 08 Feb 2024 14:46

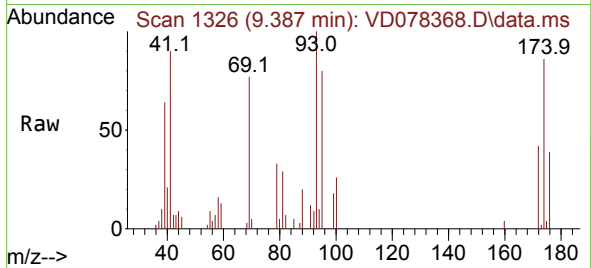
Tgt Ion: 41 Resp: 15749
Ion Ratio Lower Upper
41 100
69 86.0 102.2 153.2#
39 52.4 41.4 62.2



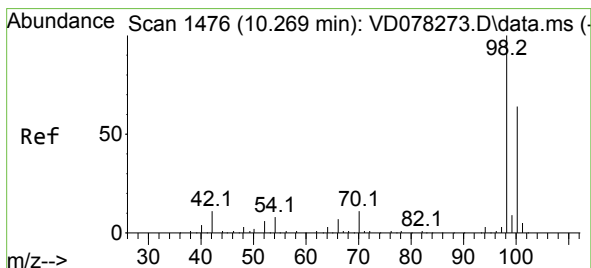
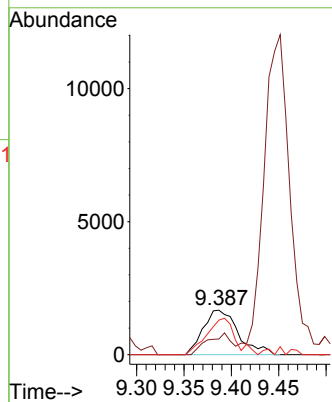
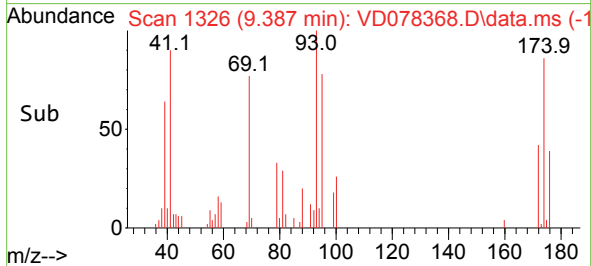


#49
1,4-Dioxane
Concen: 415.764 ug/l
RT: 9.387 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078368.D
Acq: 08 Feb 2024 14:46

Instrument :
MSVOA_D
ClientSampleId :

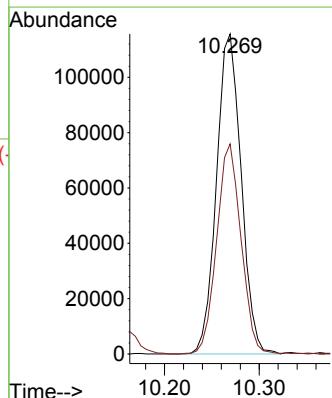
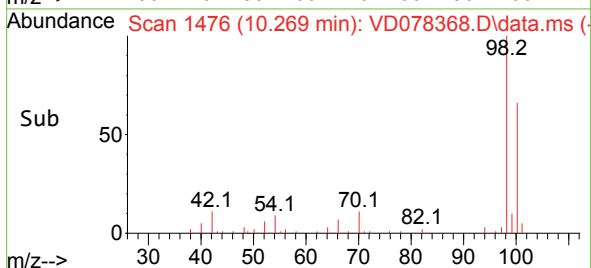
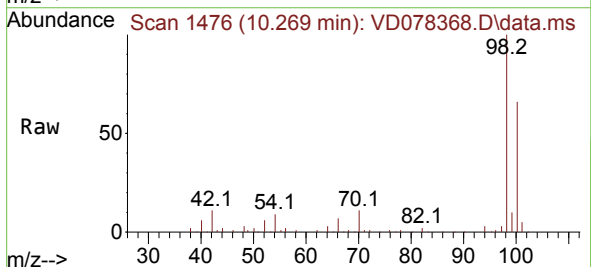


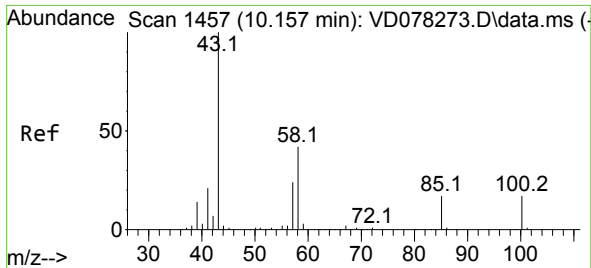
Tgt Ion: 88 Resp: 4302
Ion Ratio Lower Upper
88 100
43 33.0 19.0 28.6#
58 65.8 43.5 65.3#



#50
Toluene-d8
Concen: 39.378 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078368.D
Acq: 08 Feb 2024 14:46

Tgt Ion: 98 Resp: 209516
Ion Ratio Lower Upper
98 100
100 64.8 50.3 75.5

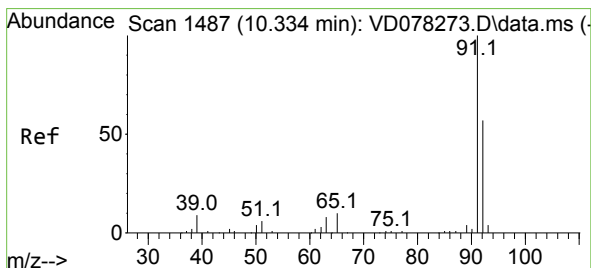
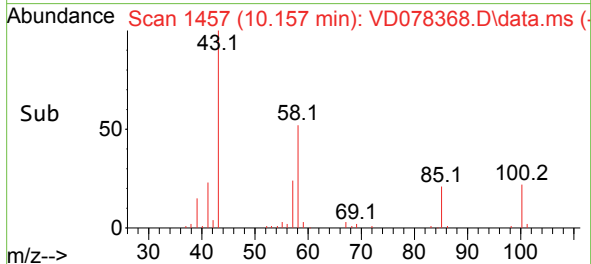
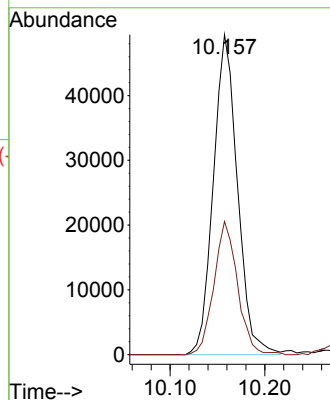
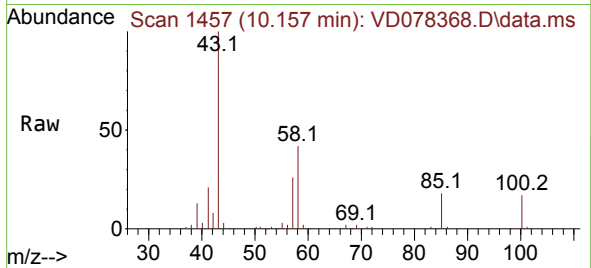




#51
4-Methyl-2-Pentanone
Concen: 100.339 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD078368.D
Acq: 08 Feb 2024 14:46

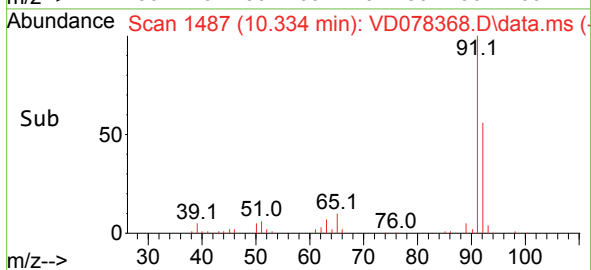
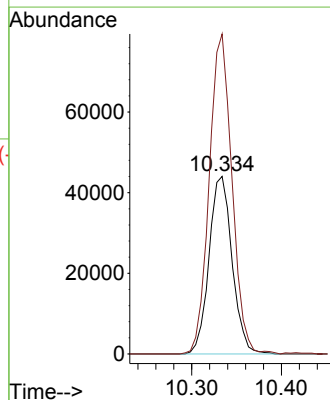
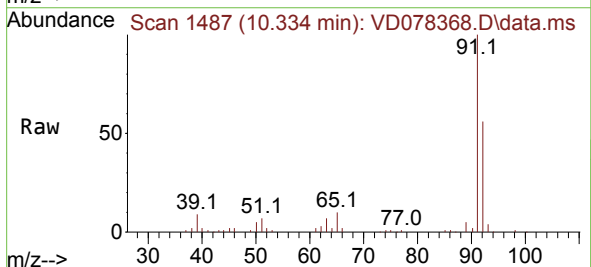
Instrument :
MSVOA_D
ClientSampleId :

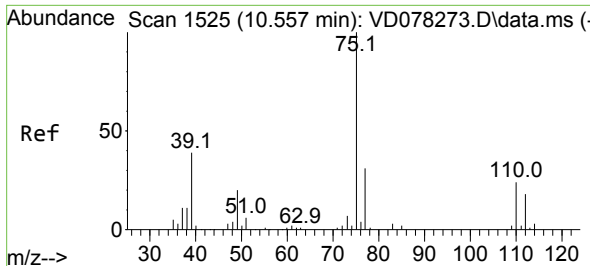
Tgt Ion: 43 Resp: 87290
Ion Ratio Lower Upper
43 100
58 40.9 38.9 58.3



#52
Toluene
Concen: 19.049 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078368.D
Acq: 08 Feb 2024 14:46

Tgt Ion: 92 Resp: 78566
Ion Ratio Lower Upper
92 100
91 177.7 143.0 214.4

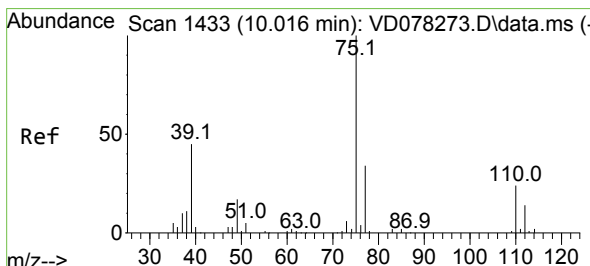
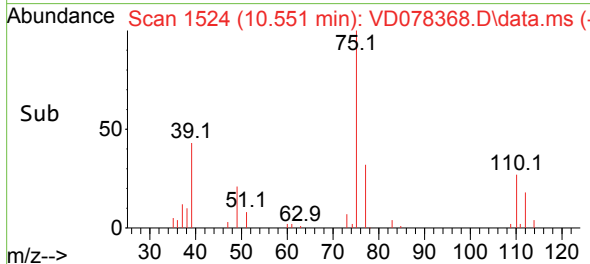
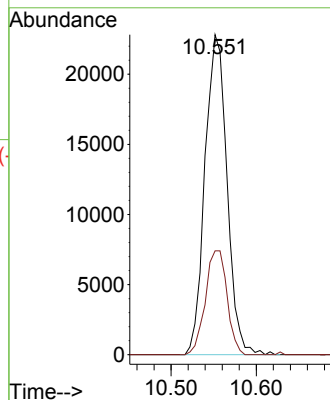
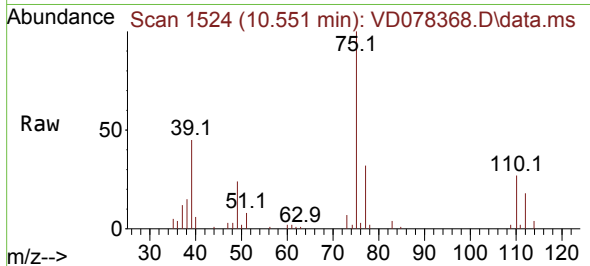




#53
 t-1,3-Dichloropropene
 Concen: 19.384 ug/l
 RT: 10.551 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VD078368.D
 Acq: 08 Feb 2024 14:46

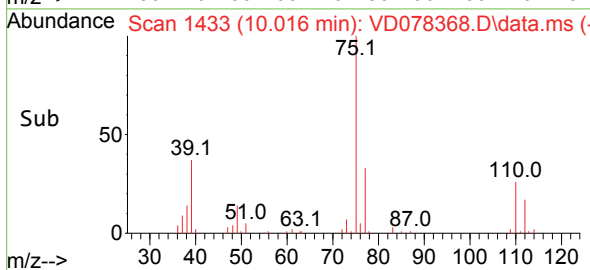
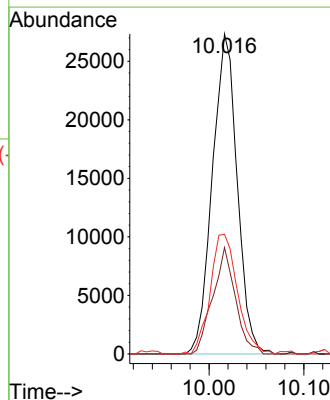
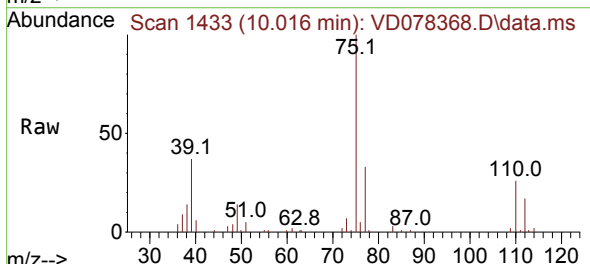
Instrument :
 MSVOA_D
 ClientSampleId :

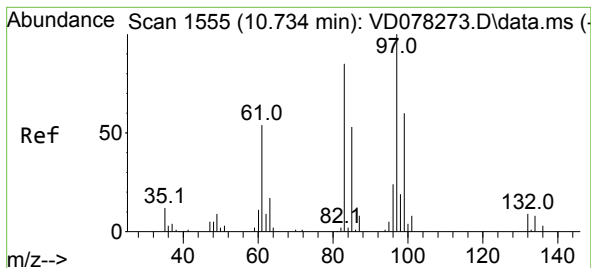
Tgt Ion: 75 Resp: 41090
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 19.786 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD078368.D
 Acq: 08 Feb 2024 14:46

Tgt Ion: 75 Resp: 49654
 Ion Ratio Lower Upper
 75 100
 77 33.2 25.5 38.3
 39 37.4 22.1 33.1#





#55

1,1,2-Trichloroethane

Concen: 21.107 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

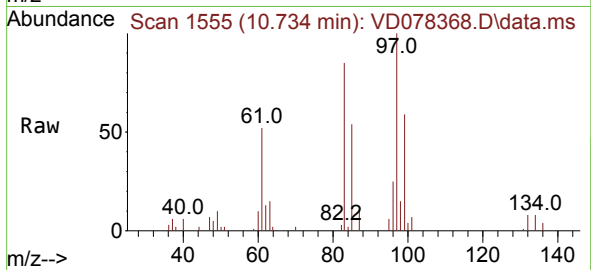
Lab File: VD078368.D

Acq: 08 Feb 2024 14:46

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 97 Resp: 25406

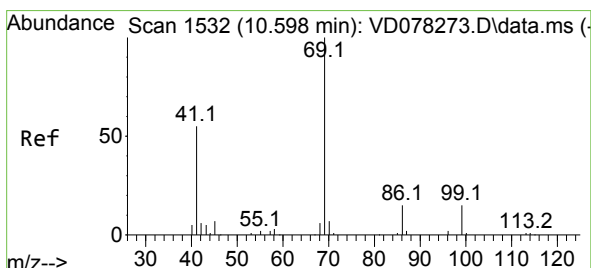
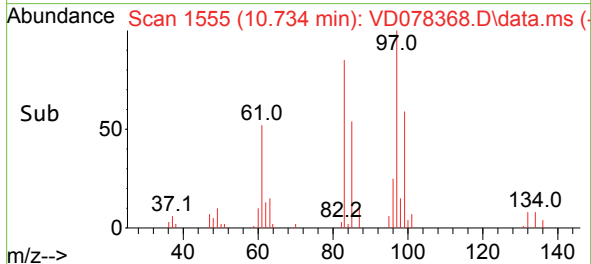
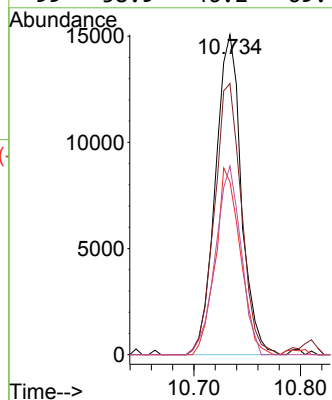
Ion Ratio Lower Upper

97 100

83 84.7 65.8 98.6

85 54.0 45.7 68.5

99 58.9 46.2 69.4



#56

Ethyl methacrylate

Concen: 19.340 ug/l

RT: 10.599 min Scan# 1532

Delta R.T. 0.000 min

Lab File: VD078368.D

Acq: 08 Feb 2024 14:46

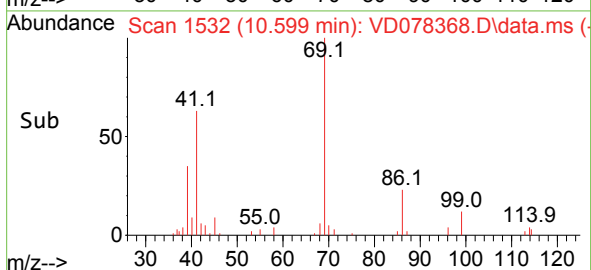
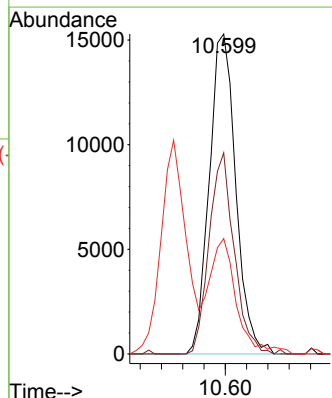
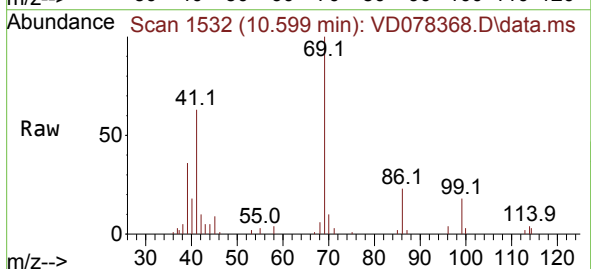
Tgt Ion: 69 Resp: 26405

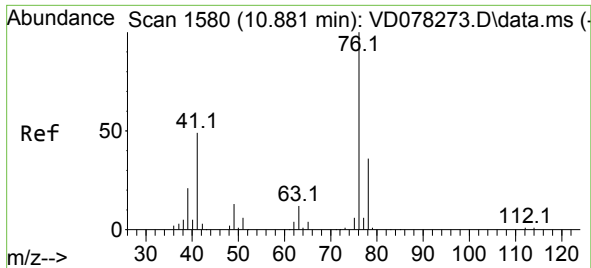
Ion Ratio Lower Upper

69 100

41 59.4 39.1 58.7#

39 37.3 20.0 30.0#

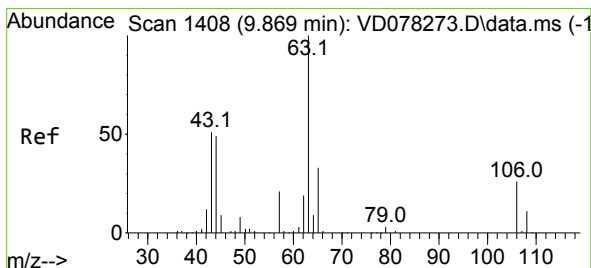
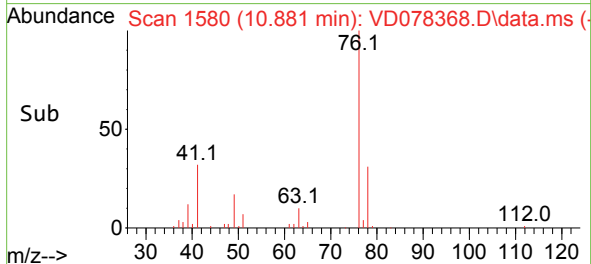
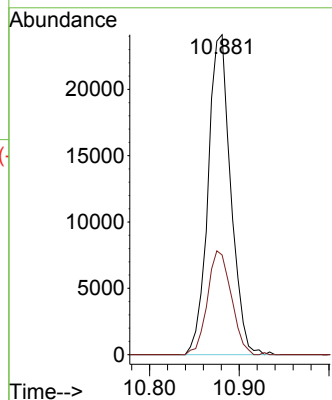
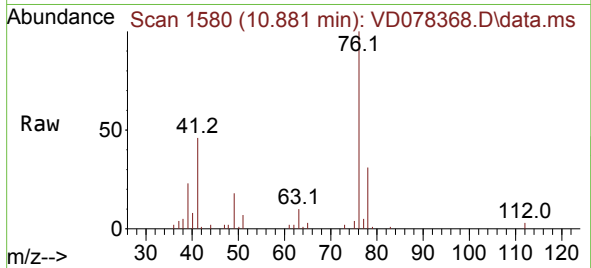




#57
1,3-Dichloropropane
Concen: 20.379 ug/l
RT: 10.881 min Scan# 1580
Delta R.T. 0.000 min
Lab File: VD078368.D
Acq: 08 Feb 2024 14:46

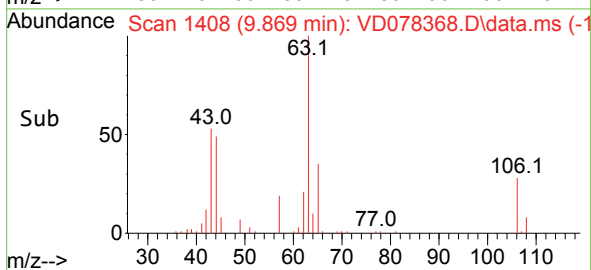
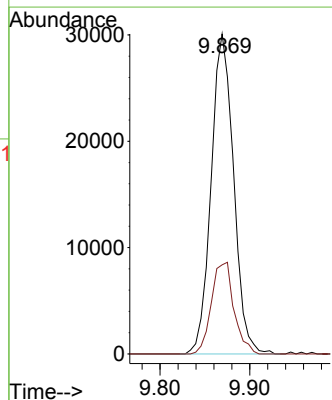
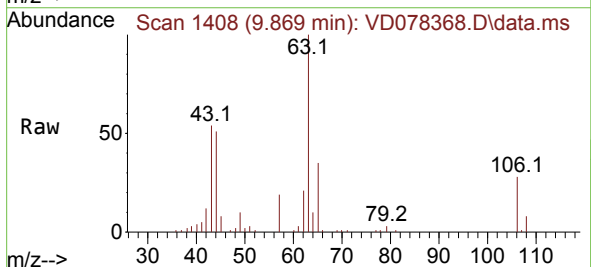
Instrument :
MSVOA_D
ClientSampleId :

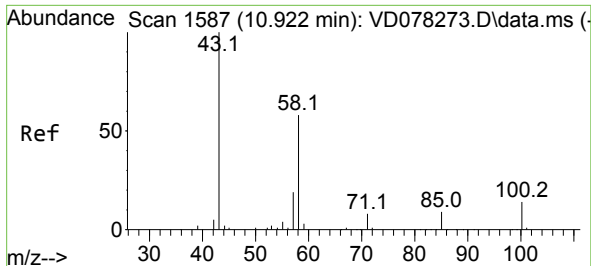
Tgt Ion: 76 Resp: 42296
Ion Ratio Lower Upper
76 100
78 34.1 26.4 39.6



#58
2-Chloroethyl Vinyl ether
Concen: 84.300 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. 0.000 min
Lab File: VD078368.D
Acq: 08 Feb 2024 14:46

Tgt Ion: 63 Resp: 52341
Ion Ratio Lower Upper
63 100
106 28.7 25.3 37.9

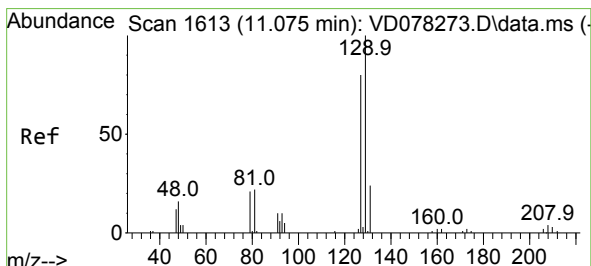
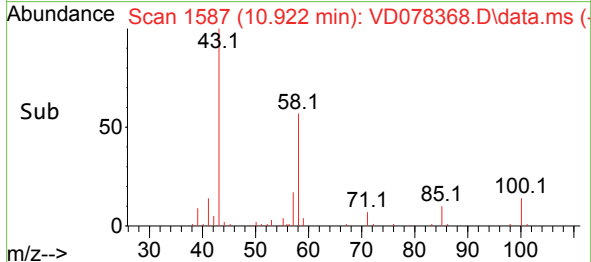
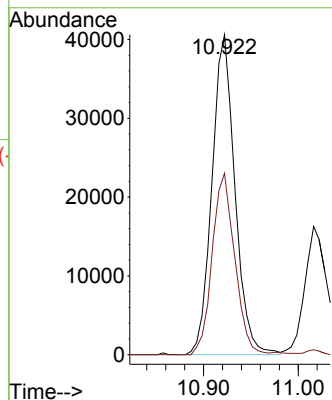
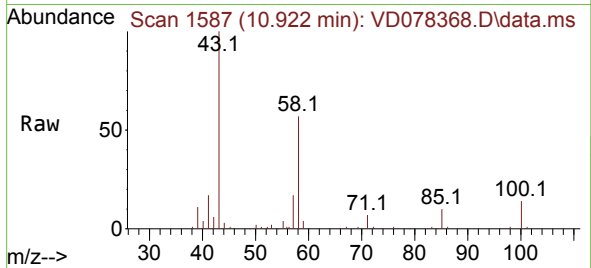




#59
2-Hexanone
Concen: 104.512 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078368.D
Acq: 08 Feb 2024 14:46

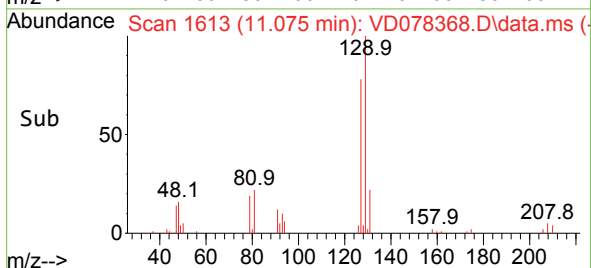
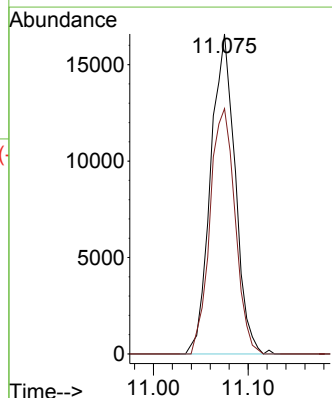
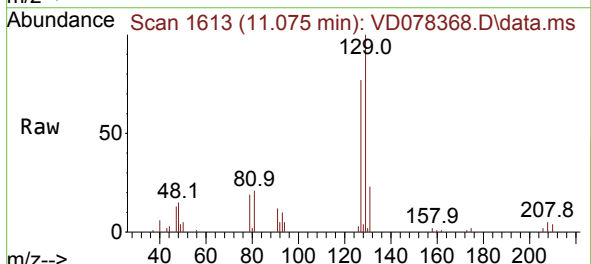
Instrument :
MSVOA_D
ClientSampleId :

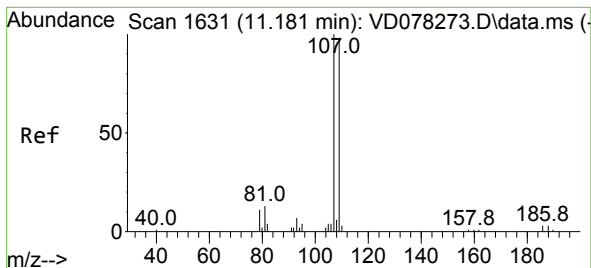
Tgt Ion: 43 Resp: 68475
Ion Ratio Lower Upper
43 100
58 56.0 34.1 102.2



#60
Dibromochloromethane
Concen: 21.270 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078368.D
Acq: 08 Feb 2024 14:46

Tgt Ion: 129 Resp: 29720
Ion Ratio Lower Upper
129 100
127 78.6 37.1 111.5





#61

1,2-Dibromoethane

Concen: 20.547 ug/l

RT: 11.181 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078368.D

Acq: 08 Feb 2024 14:46

Instrument :

MSVOA_D

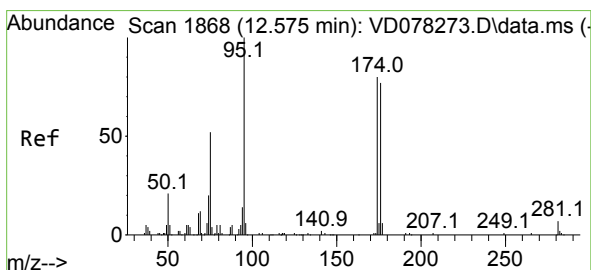
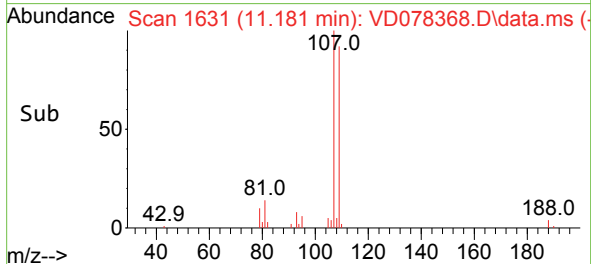
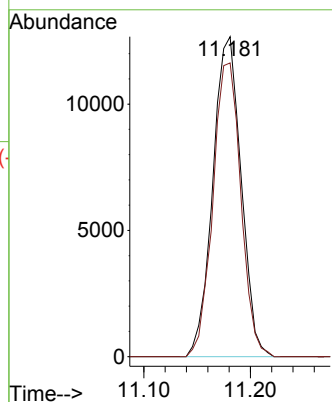
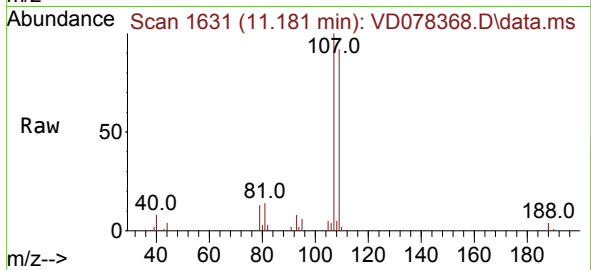
ClientSampleId :

Tgt Ion:107 Resp: 23351

Ion Ratio Lower Upper

107 100

109 90.8 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 40.429 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VD078368.D

Acq: 08 Feb 2024 14:46

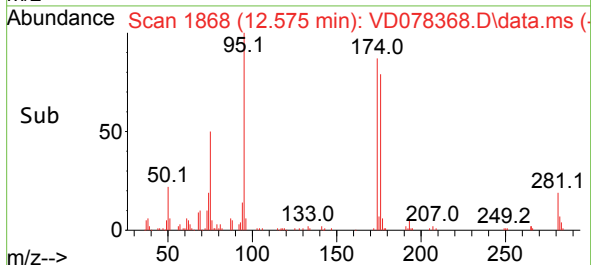
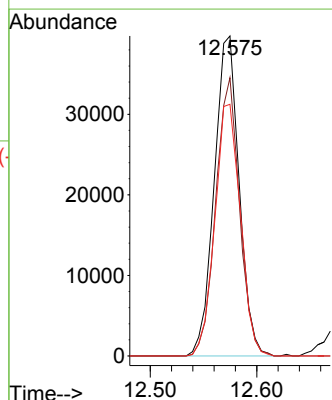
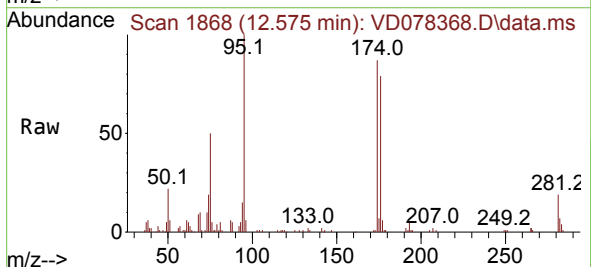
Tgt Ion: 95 Resp: 64419

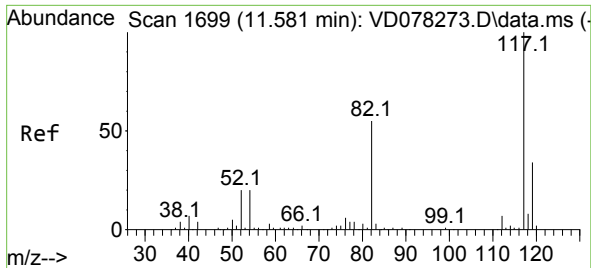
Ion Ratio Lower Upper

95 100

174 83.0 0.0 201.8

176 80.8 0.0 191.8

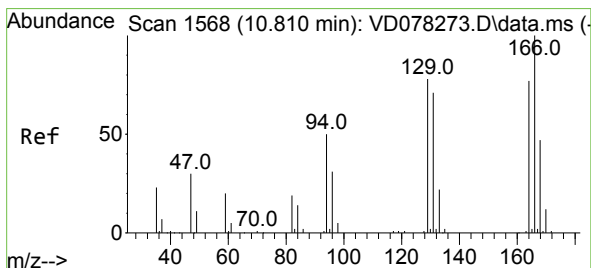
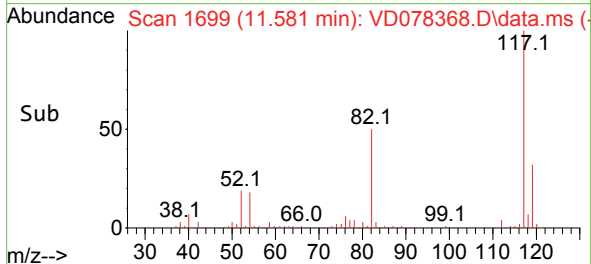
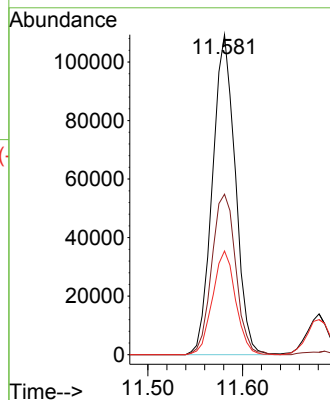
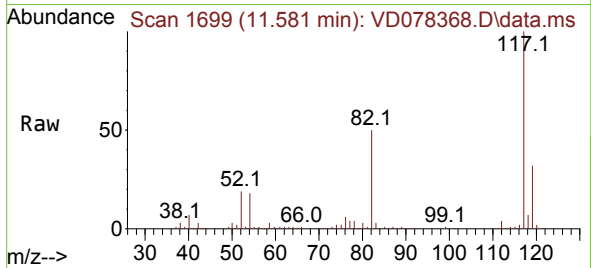




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD078368.D
Acq: 08 Feb 2024 14:46

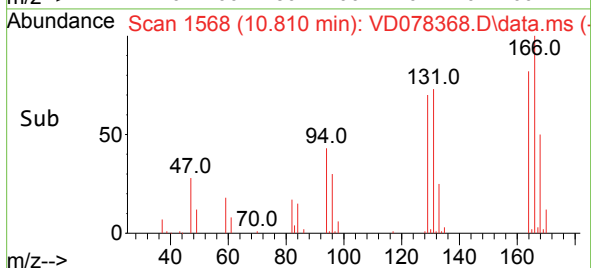
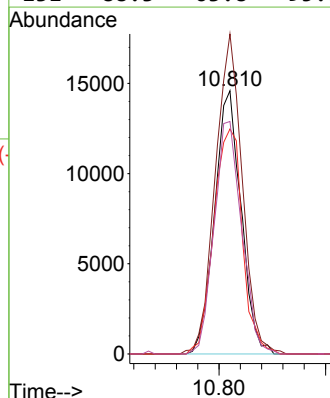
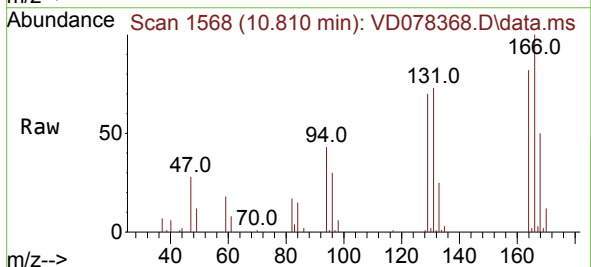
Instrument :
MSVOA_D
ClientSampleId :

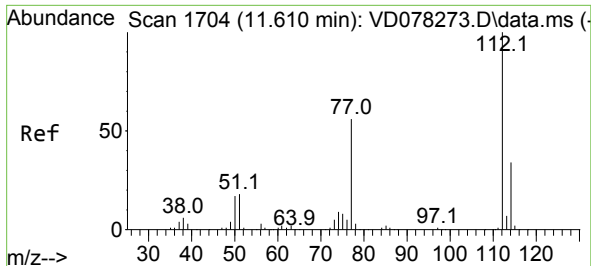
Tgt Ion:117 Resp: 183083
Ion Ratio Lower Upper
117 100
82 50.2 38.3 57.5
119 32.4 25.0 37.4



#64
Tetrachloroethene
Concen: 19.735 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD078368.D
Acq: 08 Feb 2024 14:46

Tgt Ion:164 Resp: 25200
Ion Ratio Lower Upper
164 100
166 121.6 99.2 148.8
129 85.5 68.4 102.6
131 88.3 63.8 95.8

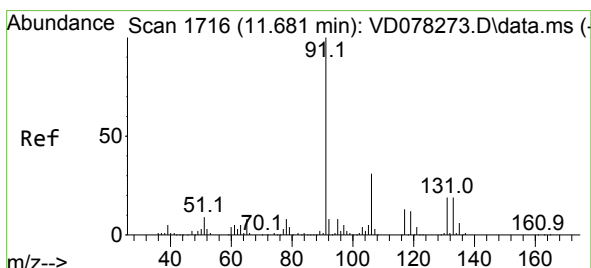
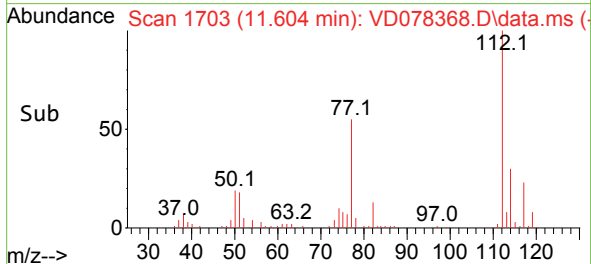
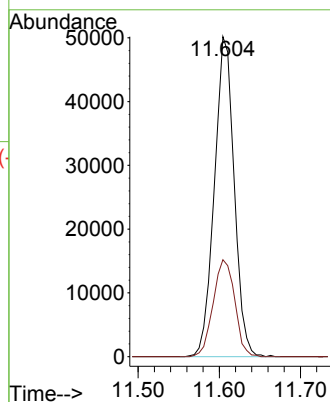
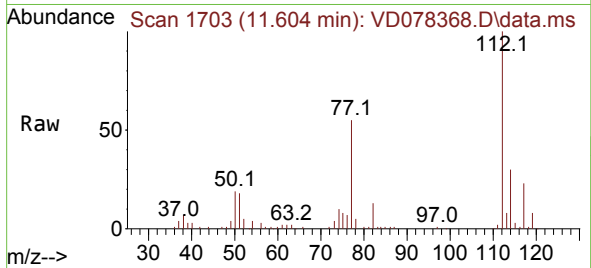




#65
Chlorobenzene
Concen: 19.423 ug/l
RT: 11.604 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078368.D
Acq: 08 Feb 2024 14:46

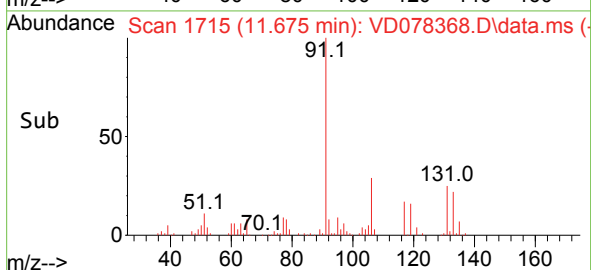
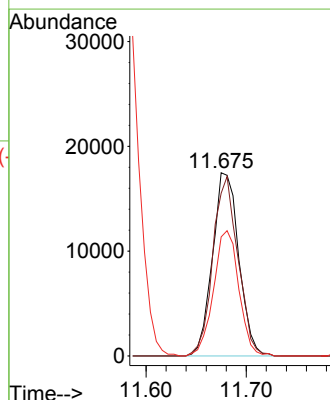
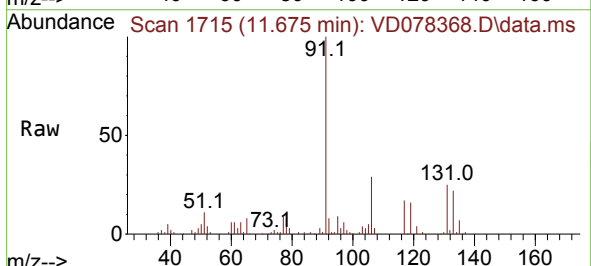
Instrument :
MSVOA_D
ClientSampleId :

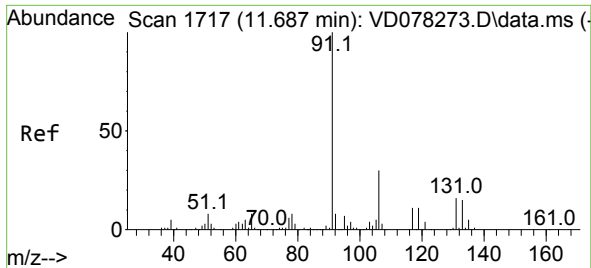
Tgt Ion:112 Resp: 85076
Ion Ratio Lower Upper
112 100
114 30.3 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 20.395 ug/l
RT: 11.675 min Scan# 1715
Delta R.T. -0.006 min
Lab File: VD078368.D
Acq: 08 Feb 2024 14:46

Tgt Ion:131 Resp: 31806
Ion Ratio Lower Upper
131 100
133 93.6 48.5 145.5
119 65.9 35.6 106.9

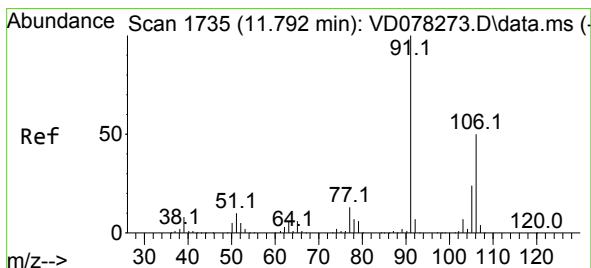
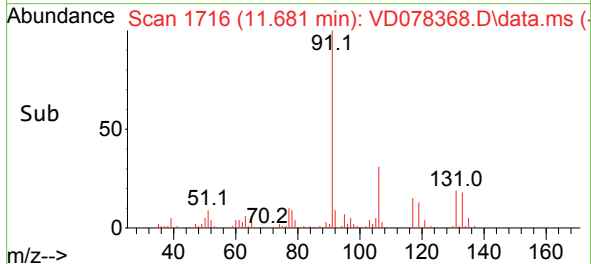
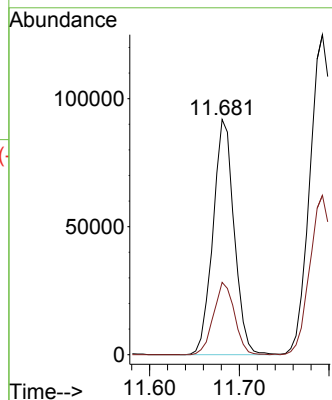
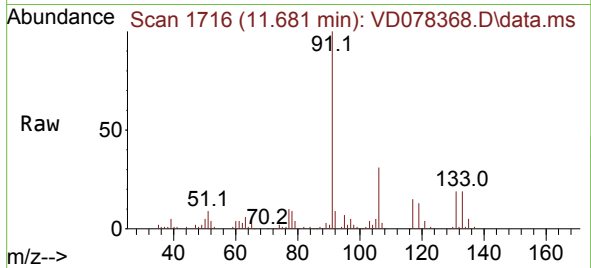




#67
Ethyl Benzene
Concen: 18.971 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD078368.D
Acq: 08 Feb 2024 14:46

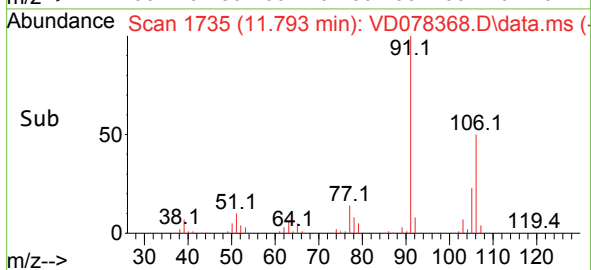
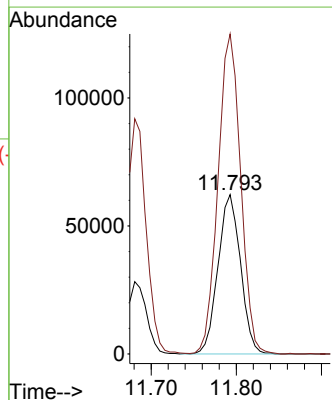
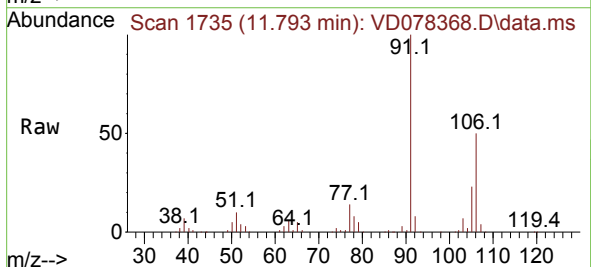
Instrument :
MSVOA_D
ClientSampleId :

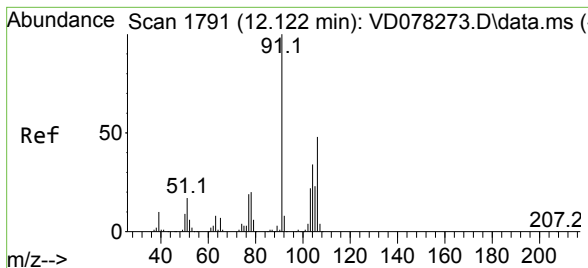
Tgt Ion: 91 Resp: 150521
Ion Ratio Lower Upper
91 100
106 30.8 26.5 39.7



#68
m/p-Xylenes
Concen: 37.512 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD078368.D
Acq: 08 Feb 2024 14:46

Tgt Ion:106 Resp: 114503
Ion Ratio Lower Upper
106 100
91 202.0 147.0 220.6





#69

o-Xylene

Concen: 19.629 ug/l

RT: 12.122 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VD078368.D

Acq: 08 Feb 2024 14:46

Instrument :

MSVOA_D

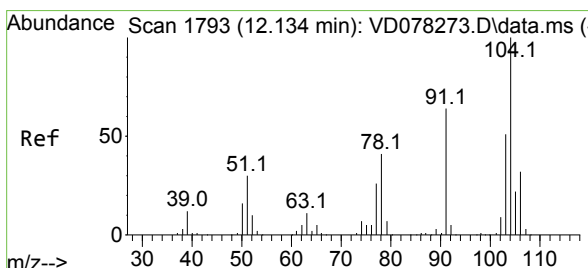
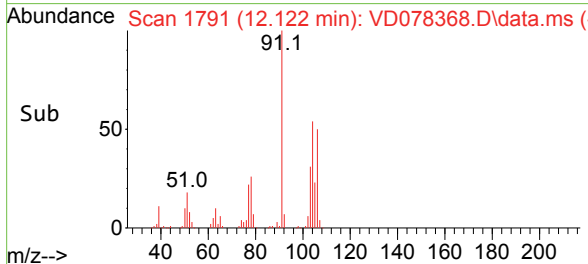
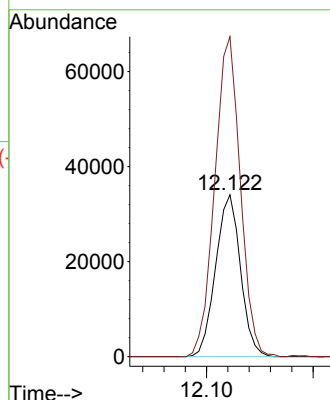
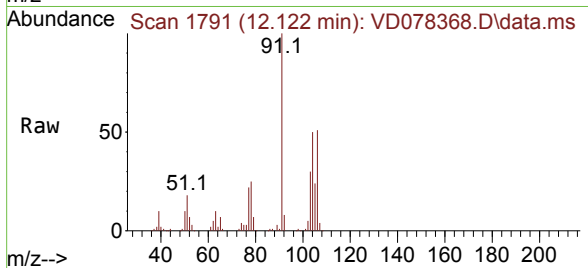
ClientSampleId :

Tgt Ion:106 Resp: 55064

Ion Ratio Lower Upper

106 100

91 203.4 97.9 293.6



#70

Styrene

Concen: 19.890 ug/l

RT: 12.134 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VD078368.D

Acq: 08 Feb 2024 14:46

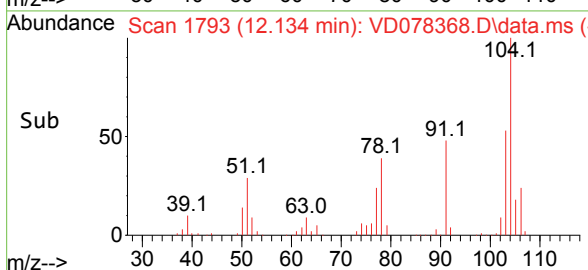
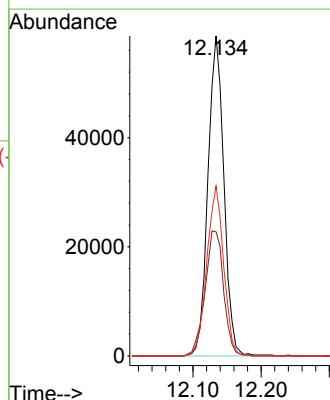
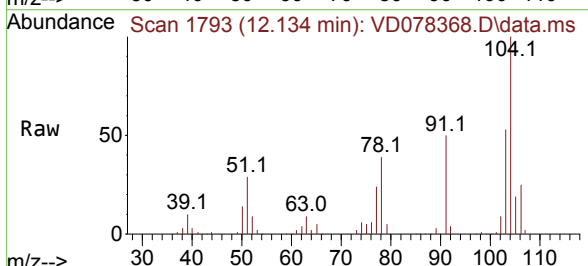
Tgt Ion:104 Resp: 95284

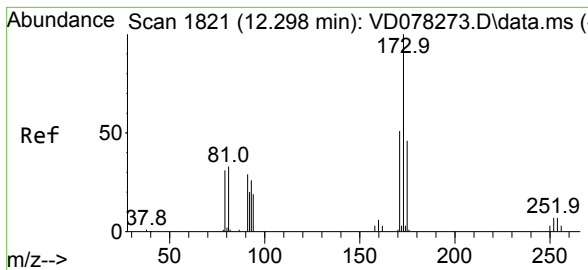
Ion Ratio Lower Upper

104 100

78 45.4 33.2 49.8

103 56.2 43.6 65.4

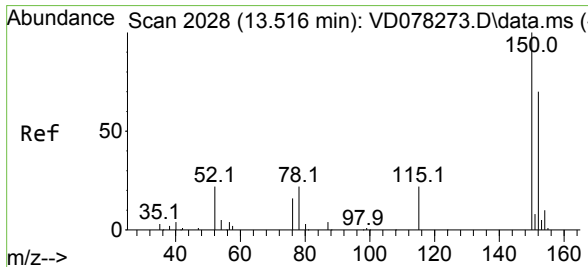
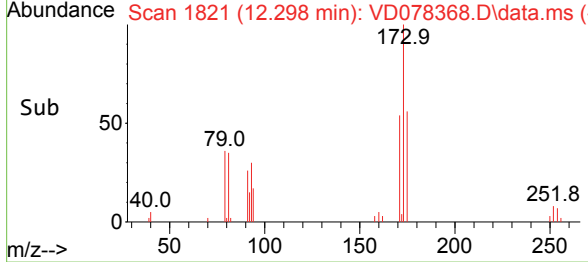
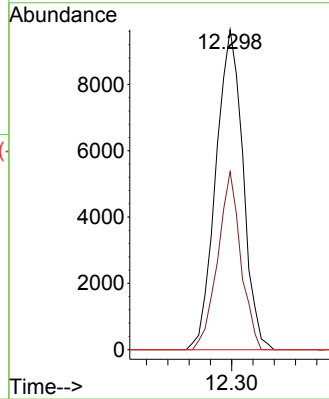
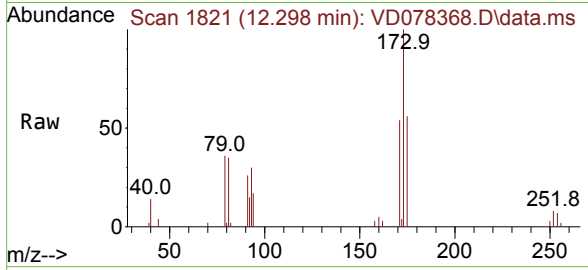




#71
Bromoform
Concen: 22.166 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD078368.D
Acq: 08 Feb 2024 14:46

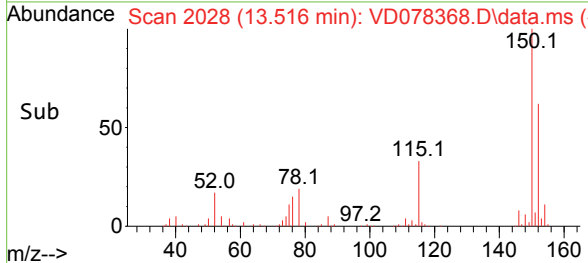
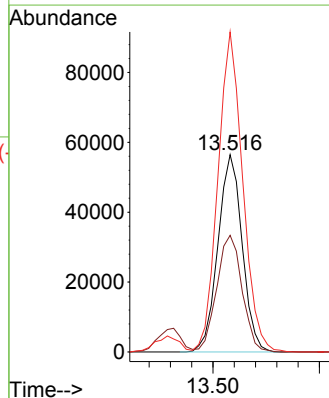
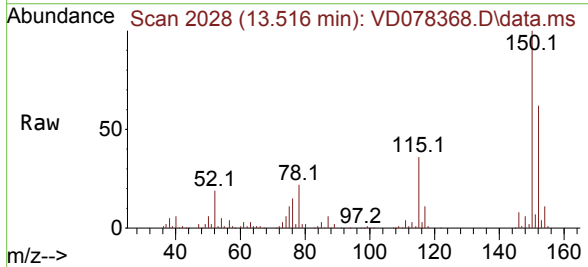
Instrument :
MSVOA_D
ClientSampleId :

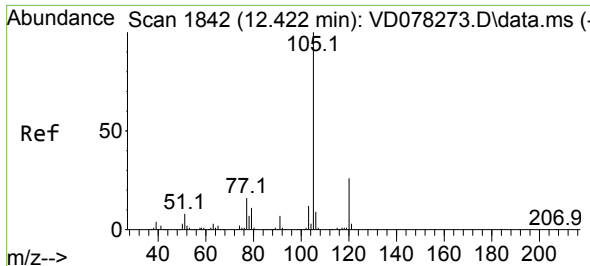
Tgt Ion	Ratio	Lower	Upper
173	100		
175	47.4	24.6	73.8
254	0.0	0.0	0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD078368.D
Acq: 08 Feb 2024 14:46

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.9	27.1	81.3
150	166.0	0.0	353.6

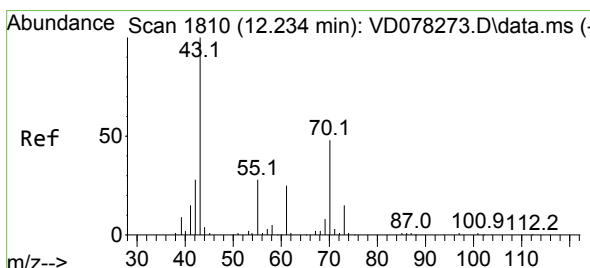
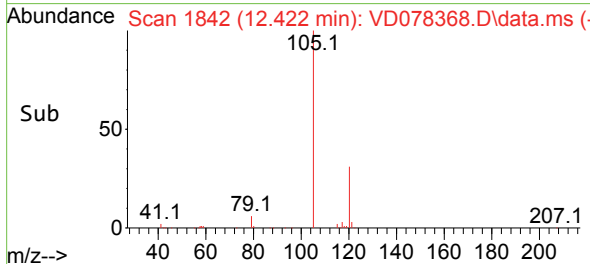
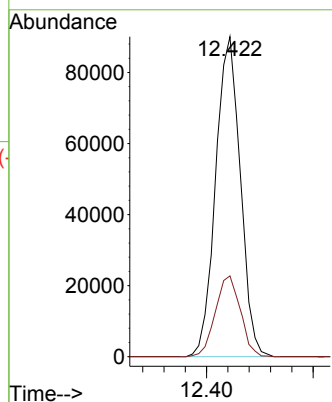
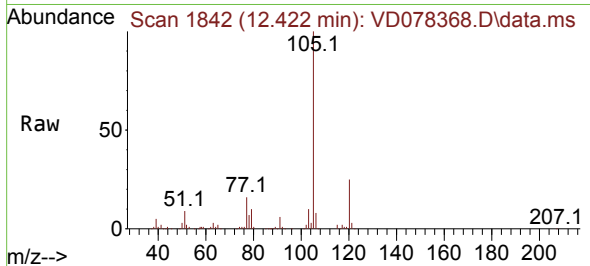




#73
Isopropylbenzene
Concen: 19.228 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD078368.D
Acq: 08 Feb 2024 14:46

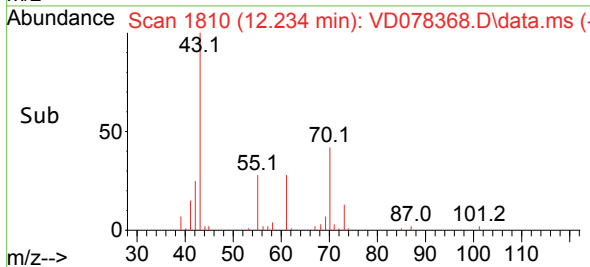
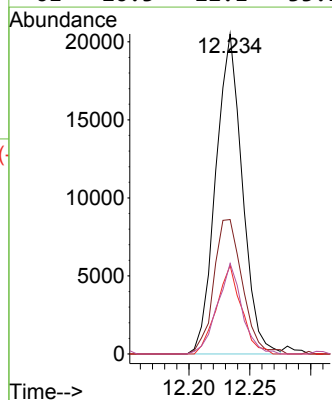
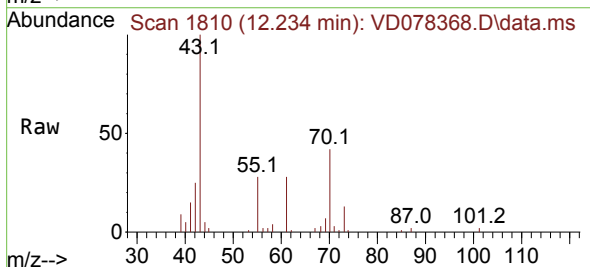
Instrument :
MSVOA_D
ClientSampleId :

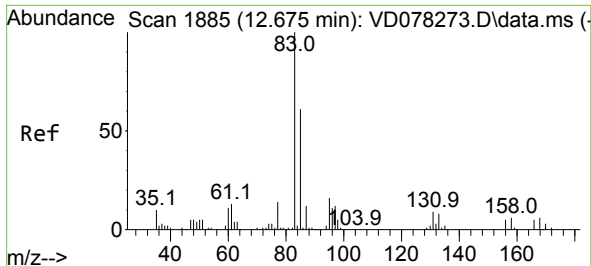
Tgt Ion:105 Resp: 144836
Ion Ratio Lower Upper
105 100
120 25.6 14.3 42.9



#74
N-ethyl acetate
Concen: 19.957 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD078368.D
Acq: 08 Feb 2024 14:46

Tgt Ion: 43 Resp: 31092
Ion Ratio Lower Upper
43 100
70 45.3 45.0 67.4
55 25.9 23.8 35.6
61 26.3 22.1 33.1

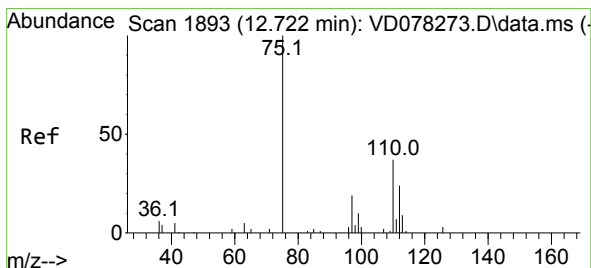
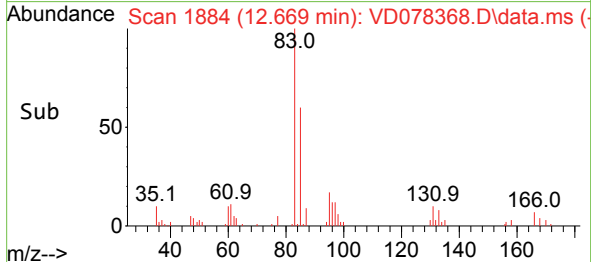
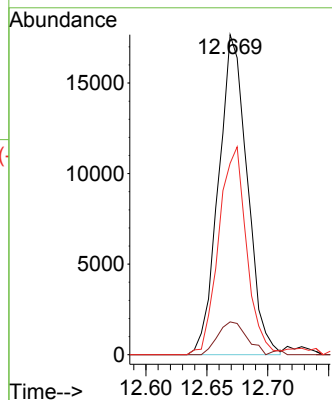
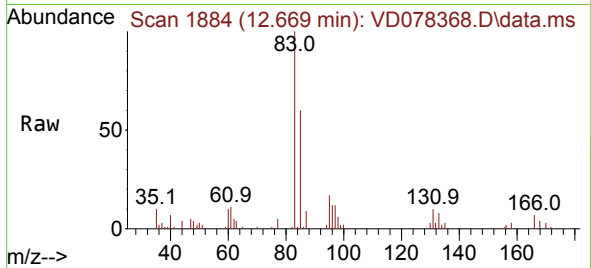




#75
1,1,2,2-Tetrachloroethane
Concen: 19.913 ug/l
RT: 12.669 min Scan# 1884
Delta R.T. -0.006 min
Lab File: VD078368.D
Acq: 08 Feb 2024 14:46

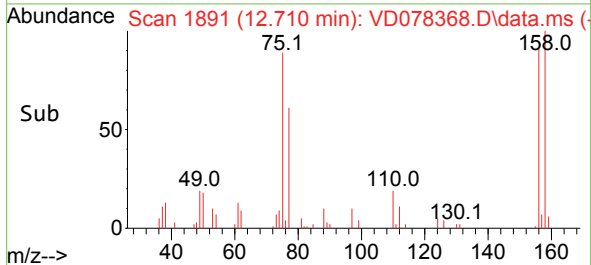
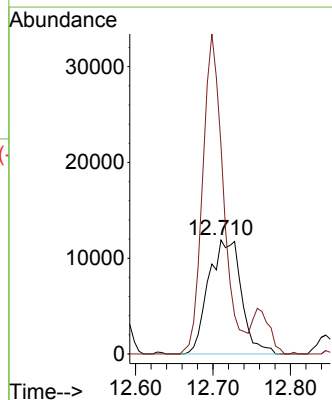
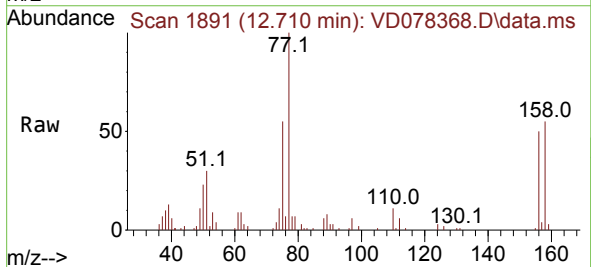
Instrument :
MSVOA_D
ClientSampleId :

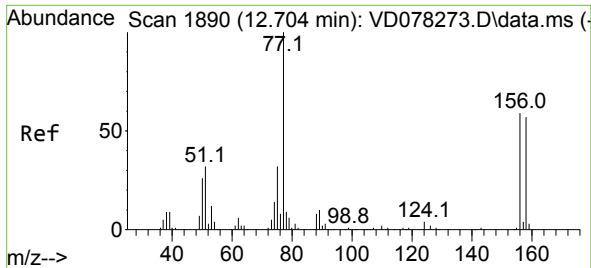
Tgt Ion: 83 Resp: 28967
Ion Ratio Lower Upper
83 100
131 10.5 5.1 15.3
85 63.1 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 37.535 ug/l
RT: 12.710 min Scan# 1891
Delta R.T. -0.012 min
Lab File: VD078368.D
Acq: 08 Feb 2024 14:46

Tgt Ion: 75 Resp: 34928
Ion Ratio Lower Upper
75 100
77 178.2 0.0 0.0#

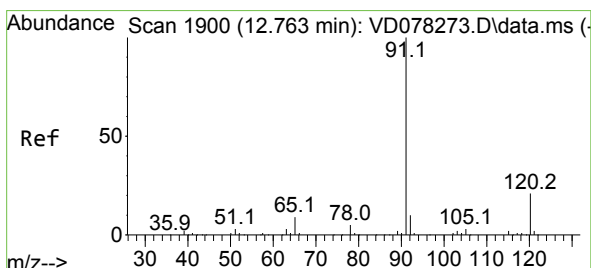
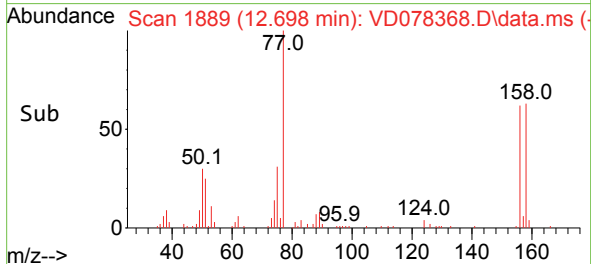
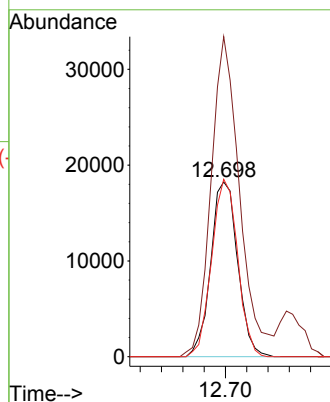
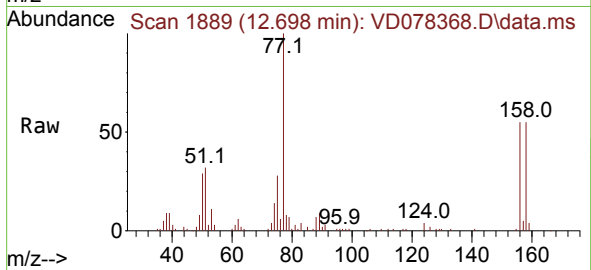




#77
Bromobenzene
Concen: 19.266 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VD078368.D
Acq: 08 Feb 2024 14:46

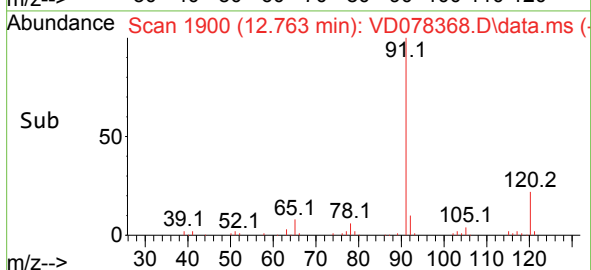
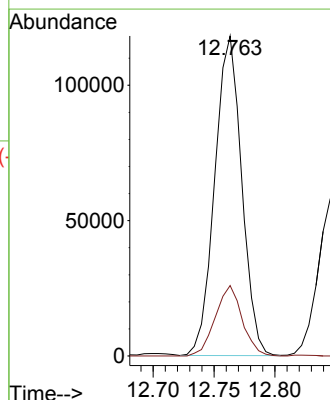
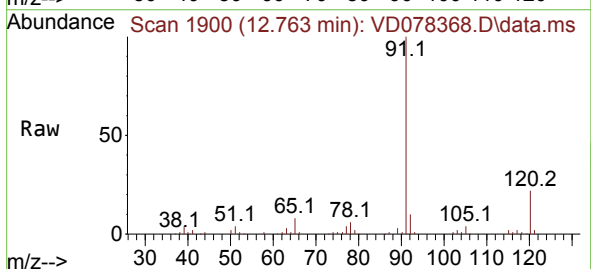
Instrument :
MSVOA_D
ClientSampleId :

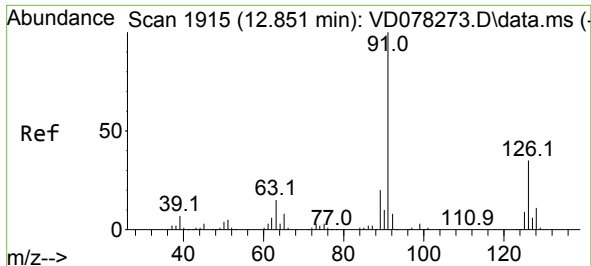
Tgt Ion:156 Resp: 31937
Ion Ratio Lower Upper
156 100
77 194.9 76.8 230.4
158 98.1 48.6 145.9



#78
n-propylbenzene
Concen: 19.385 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD078368.D
Acq: 08 Feb 2024 14:46

Tgt Ion: 91 Resp: 181894
Ion Ratio Lower Upper
91 100
120 22.0 12.4 37.2





#79

2-Chlorotoluene

Concen: 19.539 ug/l

RT: 12.845 min Scan# 1915

Delta R.T. -0.006 min

Lab File: VD078368.D

Acq: 08 Feb 2024 14:46

Instrument :

MSVOA_D

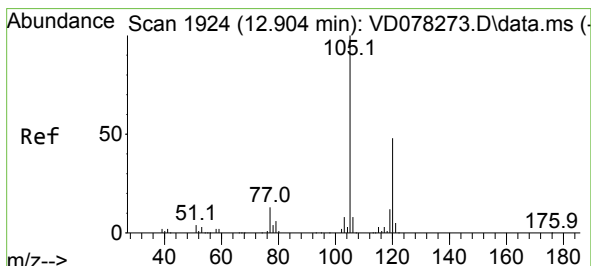
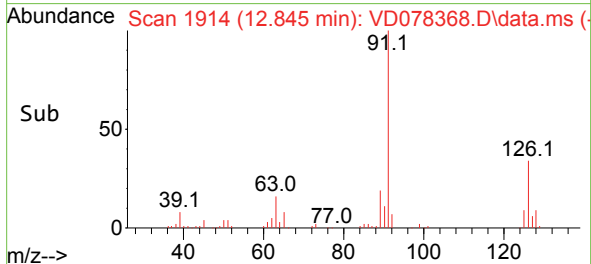
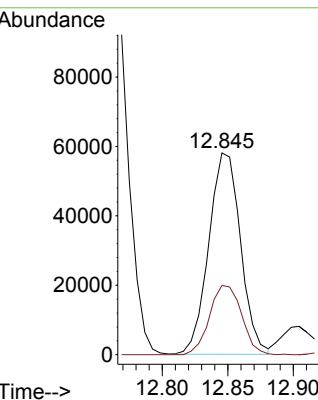
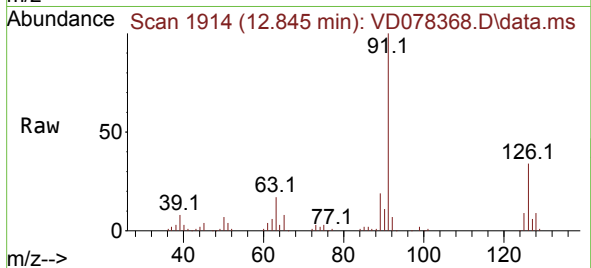
ClientSampleId :

Tgt Ion: 91 Resp: 98145

Ion Ratio Lower Upper

91 100

126 34.5 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 19.669 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD078368.D

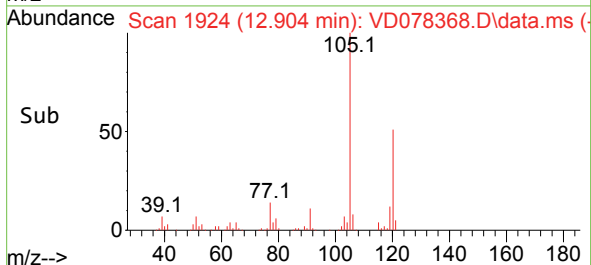
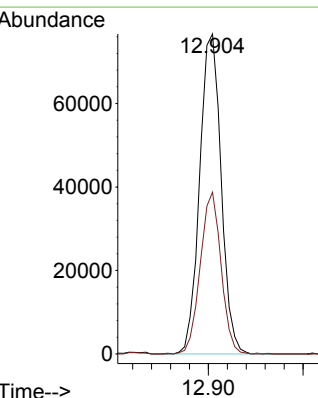
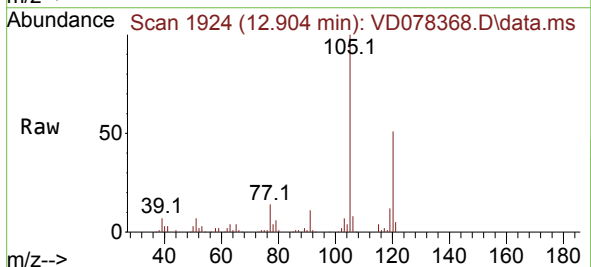
Acq: 08 Feb 2024 14:46

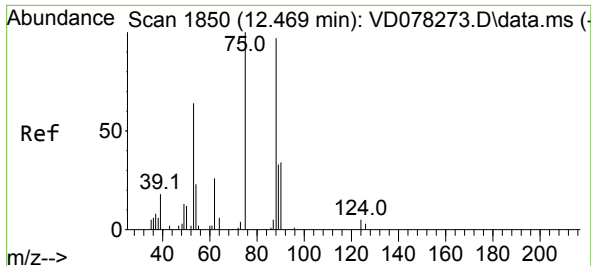
Tgt Ion:105 Resp: 120534

Ion Ratio Lower Upper

105 100

120 48.9 26.4 79.2

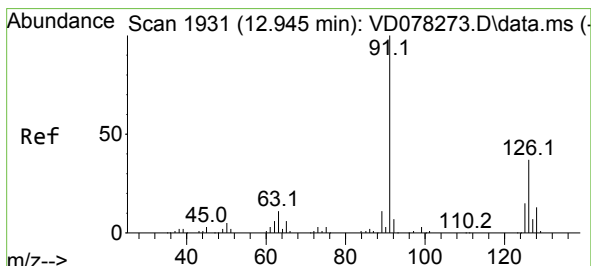
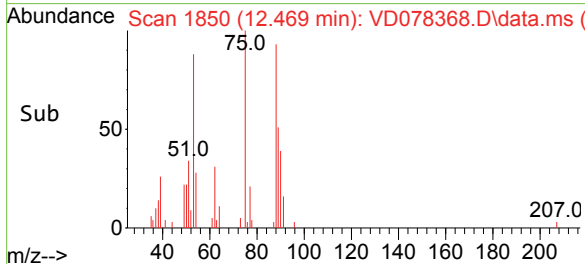
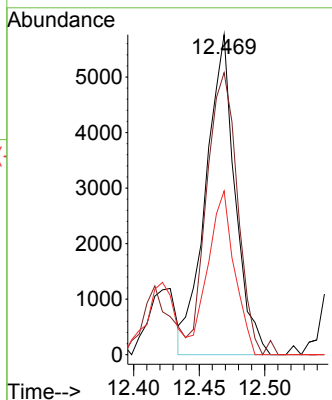
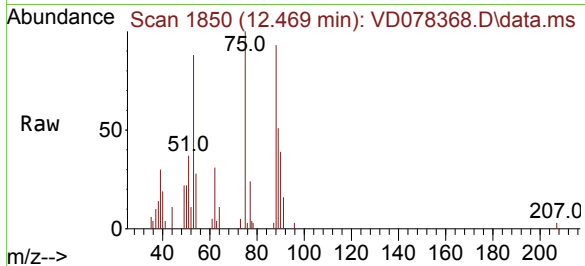




#81
trans-1,4-Dichloro-2-butene
Concen: 19.077 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078368.D
Acq: 08 Feb 2024 14:46

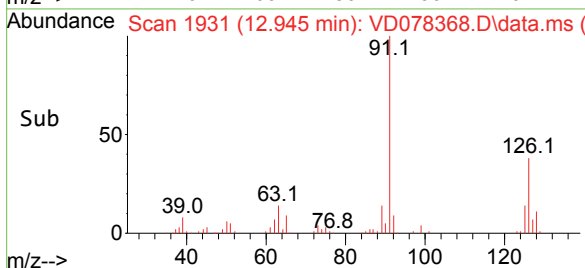
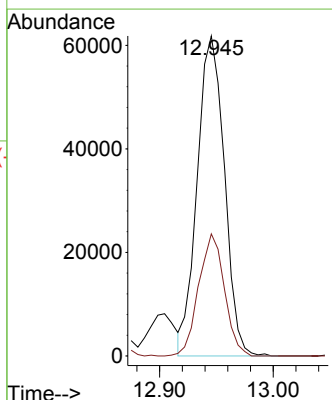
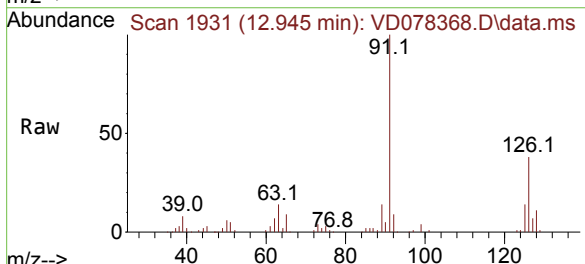
Instrument :
MSVOA_D
ClientSampleId :

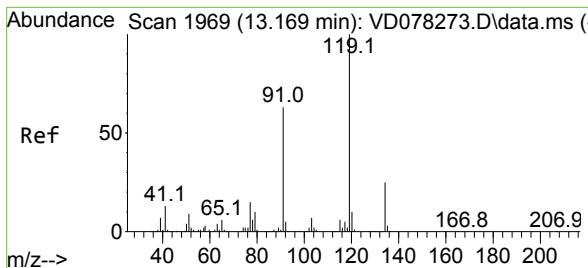
Tgt Ion: 75 Resp: 8926
Ion Ratio Lower Upper
75 100
53 92.8 63.0 94.4
89 46.7 37.9 56.9



#82
4-Chlorotoluene
Concen: 19.160 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078368.D
Acq: 08 Feb 2024 14:46

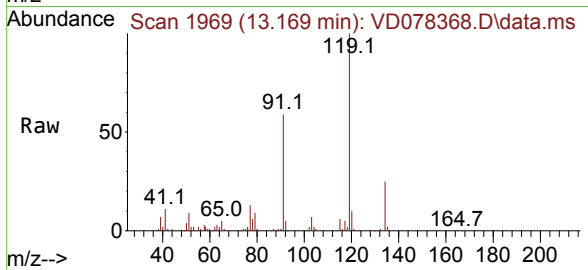
Tgt Ion: 91 Resp: 102602
Ion Ratio Lower Upper
91 100
126 36.2 19.4 58.4



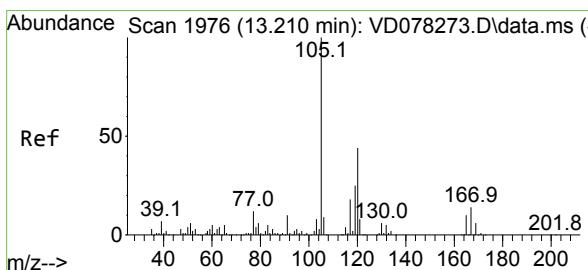
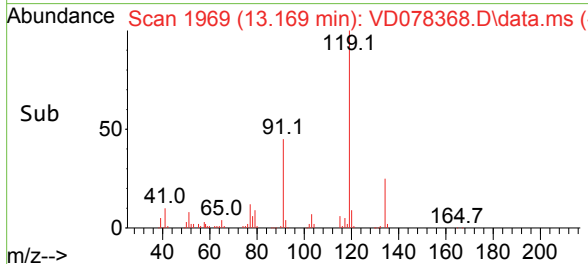
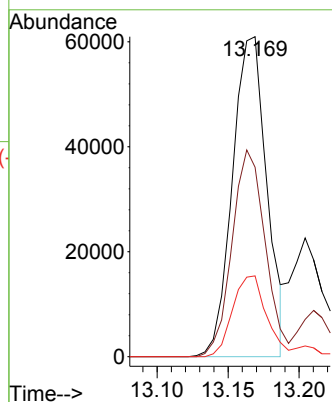


#83
tert-Butylbenzene
Concen: 19.653 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD078368.D
Acq: 08 Feb 2024 14:46

Instrument :
MSVOA_D
ClientSampleId :

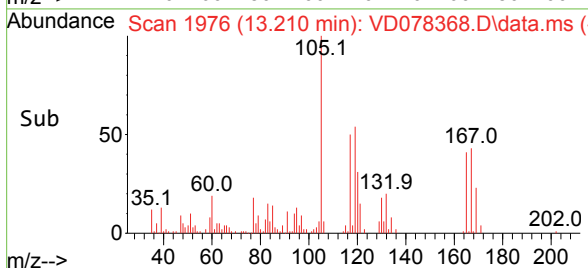
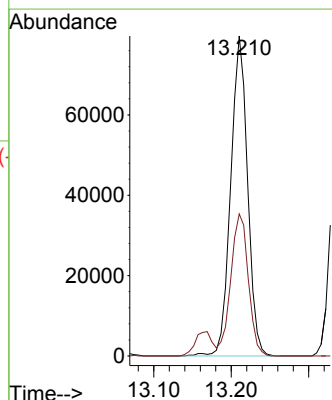
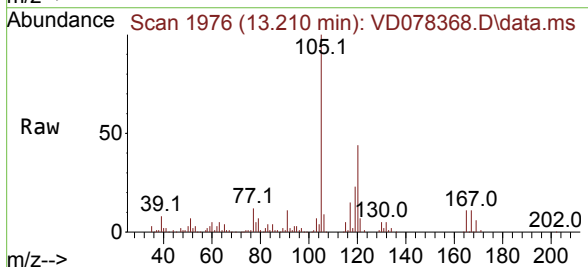


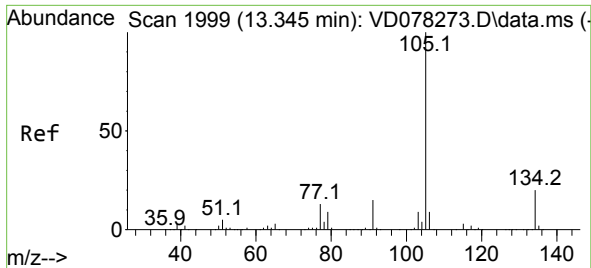
Tgt Ion:119 Resp: 102761
Ion Ratio Lower Upper
119 100
91 62.5 29.3 87.8
134 25.4 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 19.469 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD078368.D
Acq: 08 Feb 2024 14:46

Tgt Ion:105 Resp: 120705
Ion Ratio Lower Upper
105 100
120 46.1 24.3 72.9

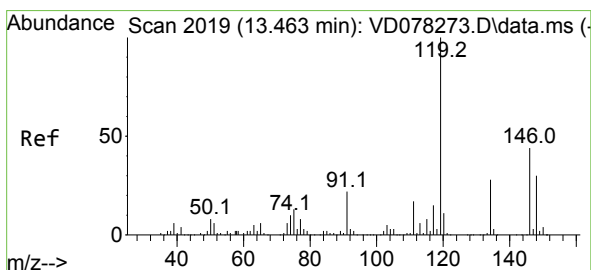
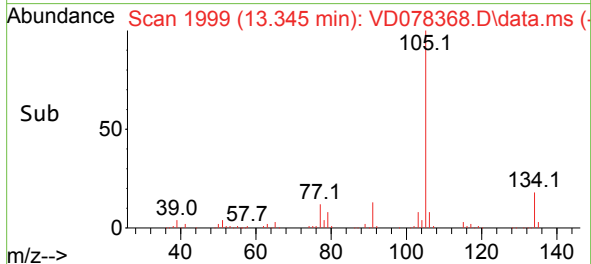
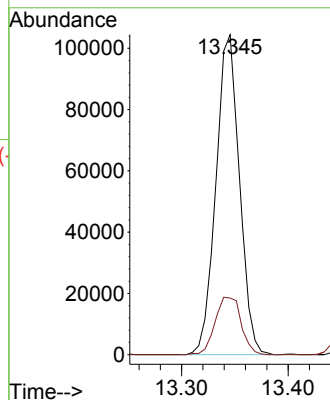
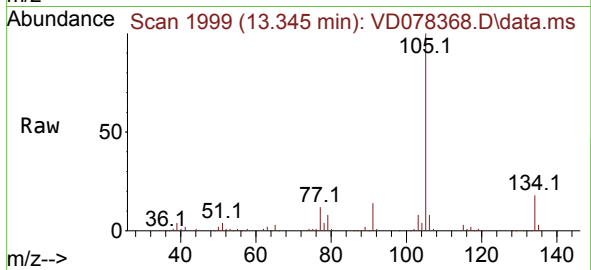




#85
 sec-Butylbenzene
 Concen: 19.494 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD078368.D
 Acq: 08 Feb 2024 14:46

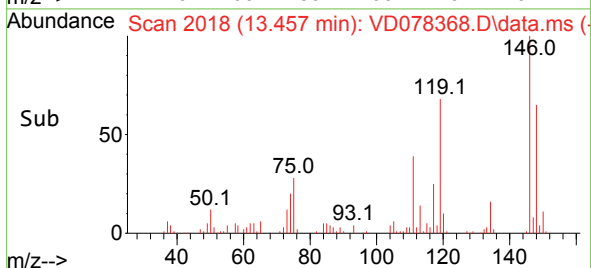
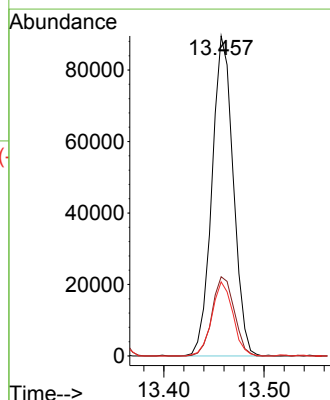
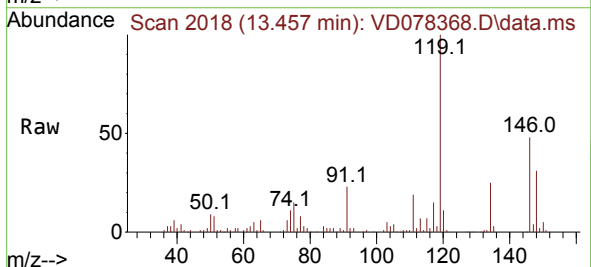
Instrument :
 MSVOA_D
 ClientSampleId :

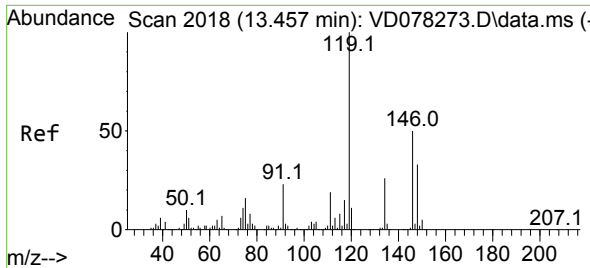
Tgt Ion:105 Resp: 159974
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 19.684 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. -0.006 min
 Lab File: VD078368.D
 Acq: 08 Feb 2024 14:46

Tgt Ion:119 Resp: 132309
 Ion Ratio Lower Upper
 119 100
 134 25.7 14.2 42.6
 91 22.9 10.5 31.5

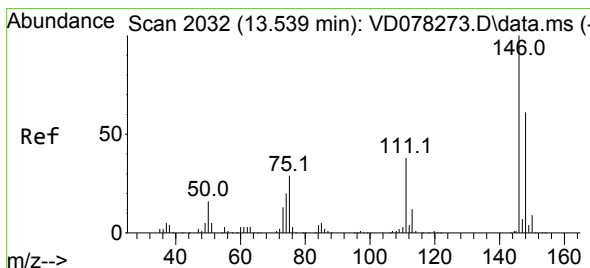
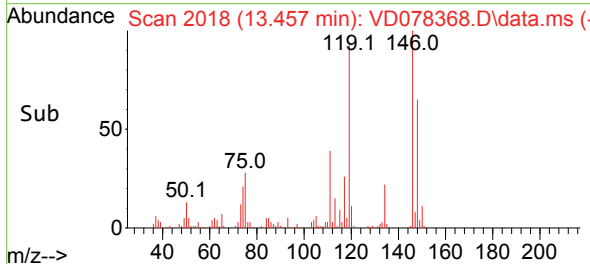
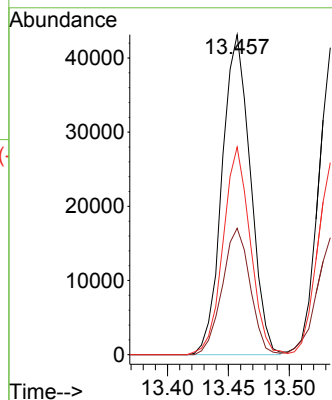
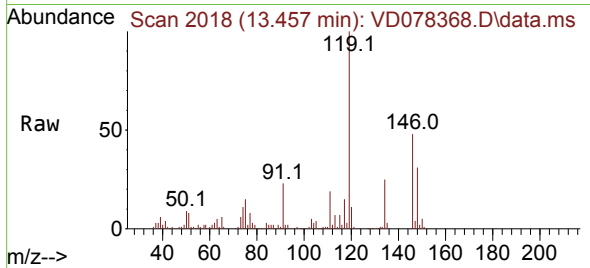




#87
 1,3-Dichlorobenzene
 Concen: 20.282 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD078368.D
 Acq: 08 Feb 2024 14:46

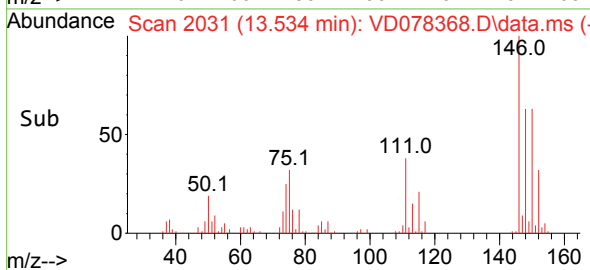
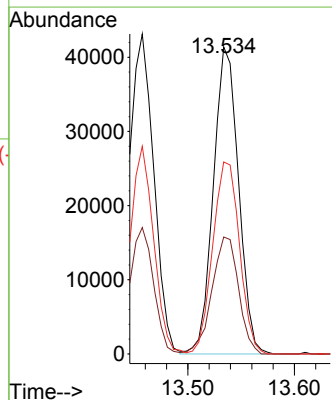
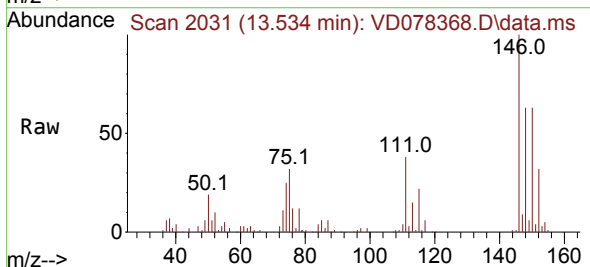
Instrument :
 MSVOA_D
 ClientSampleId :

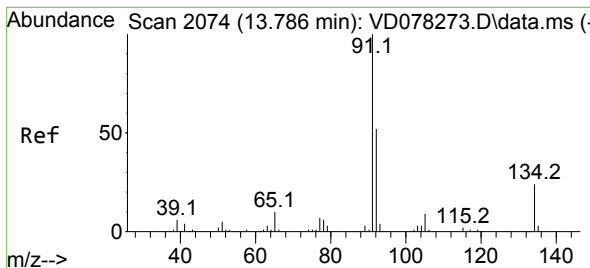
Tgt Ion:146 Resp: 69847
 Ion Ratio Lower Upper
 146 100
 111 38.8 17.9 53.8
 148 62.3 32.3 96.8



#88
 1,4-Dichlorobenzene
 Concen: 19.915 ug/l
 RT: 13.534 min Scan# 2031
 Delta R.T. -0.006 min
 Lab File: VD078368.D
 Acq: 08 Feb 2024 14:46

Tgt Ion:146 Resp: 67855
 Ion Ratio Lower Upper
 146 100
 111 40.4 17.4 52.3
 148 66.6 31.7 95.1





#89

n-Butylbenzene

Concen: 19.909 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD078368.D

Acq: 08 Feb 2024 14:46

Instrument :

MSVOA_D

ClientSampleId :

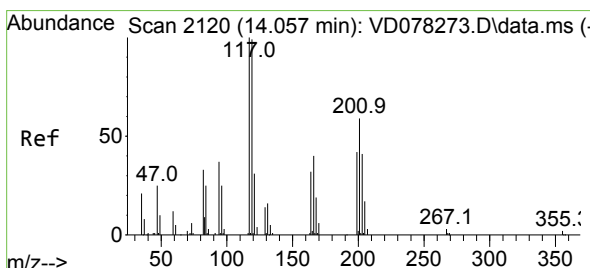
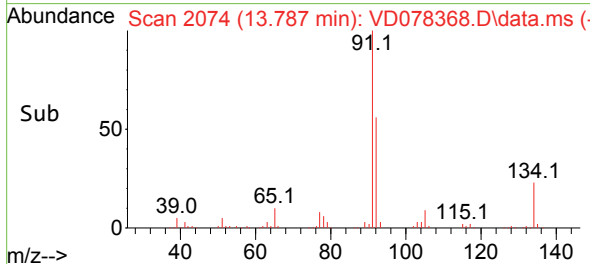
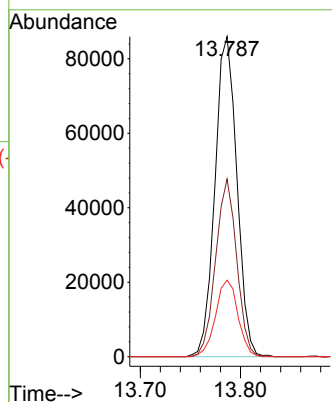
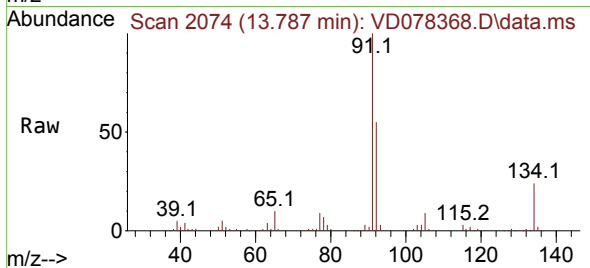
Tgt Ion: 91 Resp: 130401

Ion Ratio Lower Upper

91 100

92 53.4 26.5 79.5

134 24.5 13.8 41.3



#90

Hexachloroethane

Concen: 20.614 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. -0.006 min

Lab File: VD078368.D

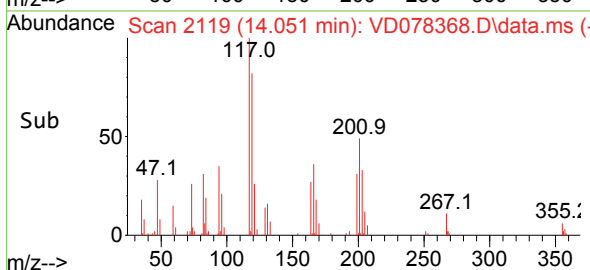
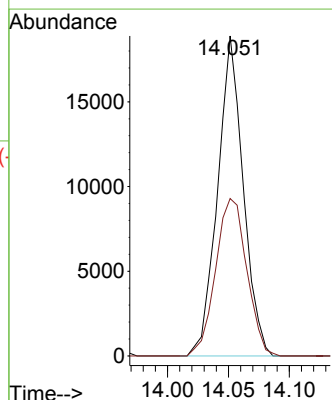
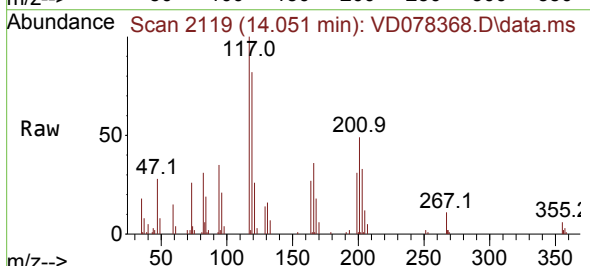
Acq: 08 Feb 2024 14:46

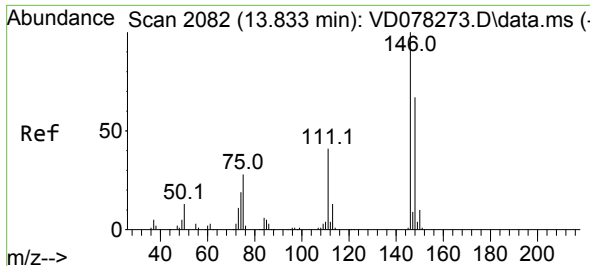
Tgt Ion: 117 Resp: 27675

Ion Ratio Lower Upper

117 100

201 59.8 38.5 115.5

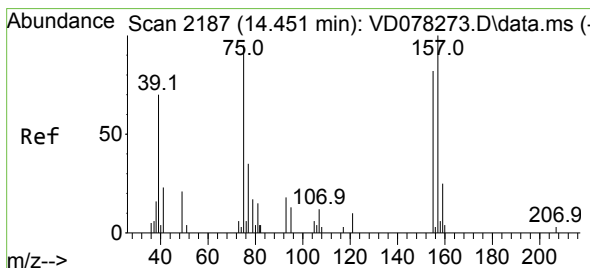
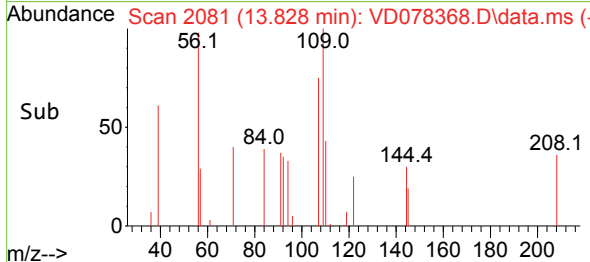
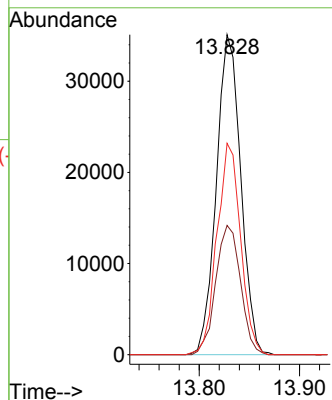
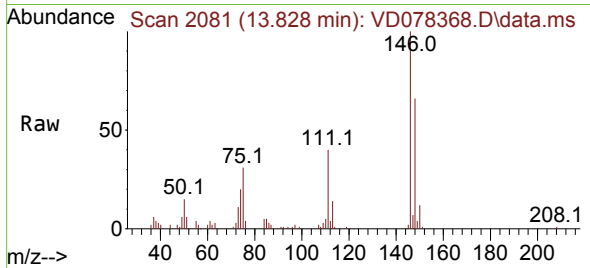




#91
1,2-Dichlorobenzene
Concen: 20.130 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VD078368.D
Acq: 08 Feb 2024 14:46

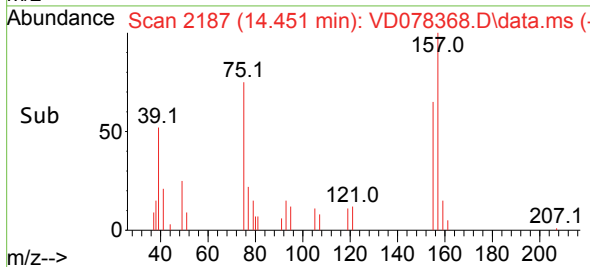
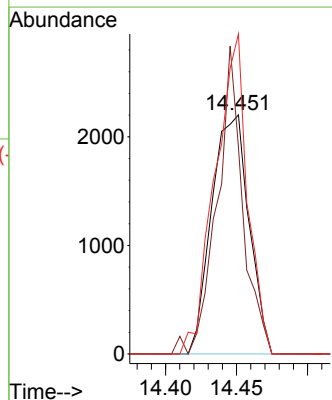
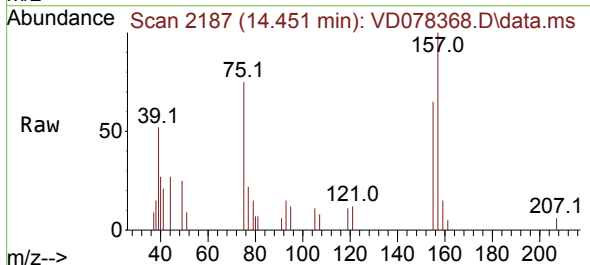
Instrument :
MSVOA_D
ClientSampleId :

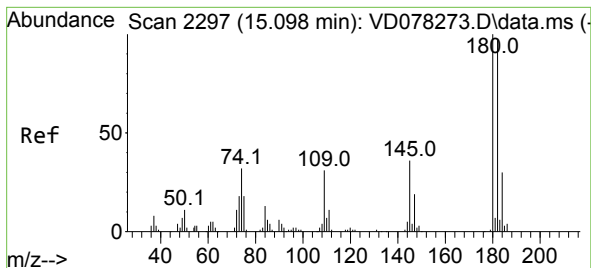
Tgt Ion:146 Resp: 59307
Ion Ratio Lower Upper
146 100
111 41.0 18.3 54.8
148 64.1 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.729 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VD078368.D
Acq: 08 Feb 2024 14:46

Tgt Ion: 75 Resp: 4023
Ion Ratio Lower Upper
75 100
155 88.4 47.9 143.8
157 115.6 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 20.212 ug/l

RT: 15.098 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD078368.D

Acq: 08 Feb 2024 14:46

Instrument :

MSVOA_D

ClientSampleId :

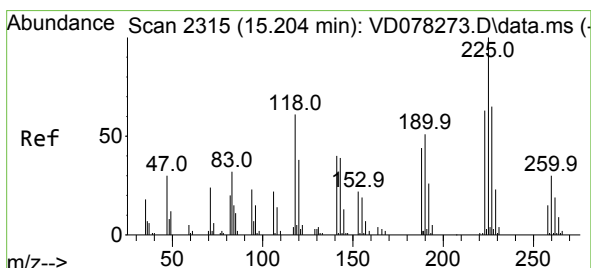
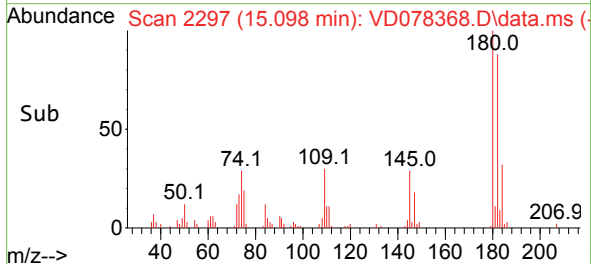
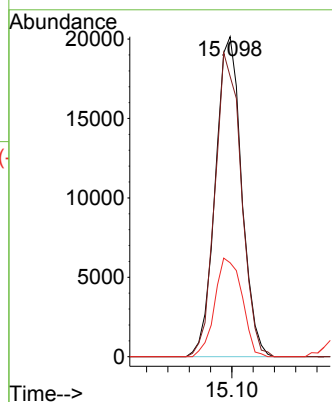
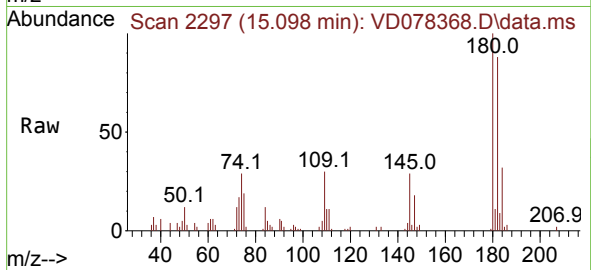
Tgt Ion:180 Resp: 34444

Ion Ratio Lower Upper

180 100

182 95.0 48.5 145.6

145 32.0 14.2 42.6



#94

Hexachlorobutadiene

Concen: 22.488 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD078368.D

Acq: 08 Feb 2024 14:46

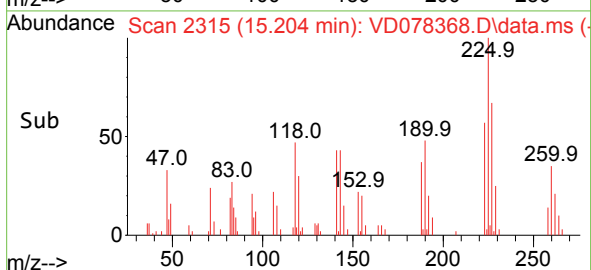
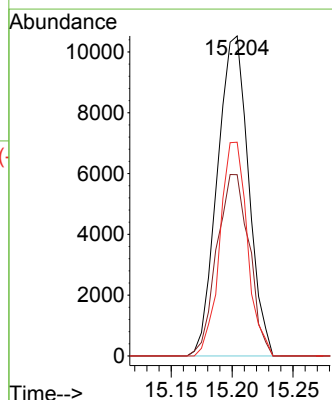
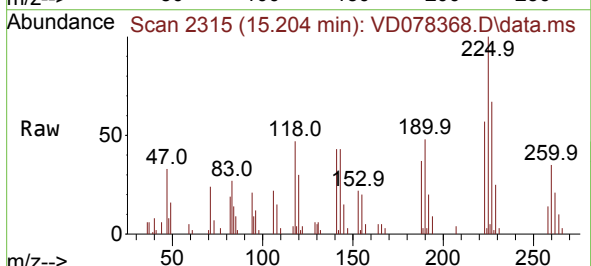
Tgt Ion:225 Resp: 18778

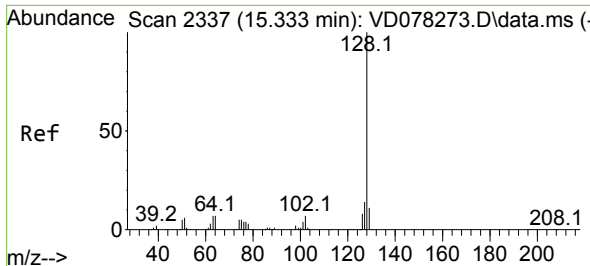
Ion Ratio Lower Upper

225 100

223 58.8 31.6 94.8

227 58.8 31.7 95.1

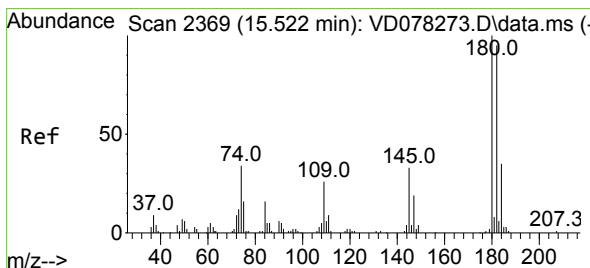
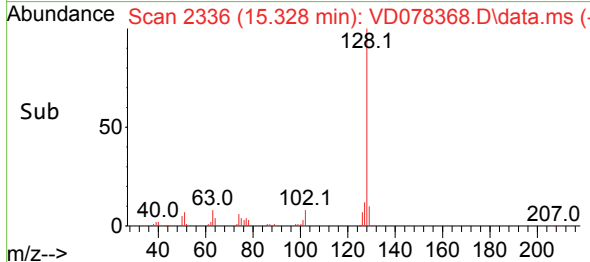
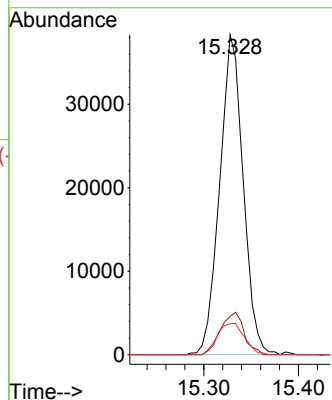
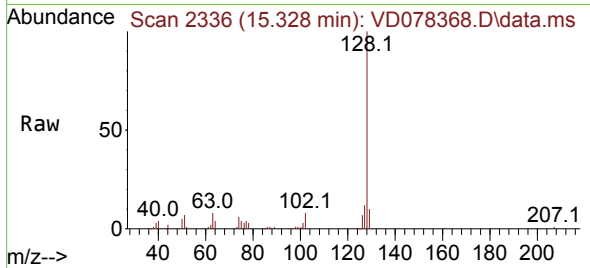




#95
Naphthalene
Concen: 19.416 ug/l
RT: 15.328 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD078368.D
Acq: 08 Feb 2024 14:46

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 65971
Ion Ratio Lower Upper
128 100
127 12.0 10.5 15.7
129 9.6 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 20.390 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD078368.D
Acq: 08 Feb 2024 14:46

Tgt Ion:180 Resp: 30594
Ion Ratio Lower Upper
180 100
182 93.9 47.3 141.9
145 31.9 15.1 45.3

