

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020924\
 Data File : VD078386.D
 Acq On : 09 Feb 2024 13:43
 Operator : RP/MD
 Sample : VD0209SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0209SBS01

Quant Time: Feb 09 23:00:37 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	119429	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	211368	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	196416	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	93431	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	73796	49.914	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.820%
35) Dibromofluoromethane	7.805	113	74824	49.724	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.440%
50) Toluene-d8	10.263	98	277006	48.621	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.240%
62) 4-Bromofluorobenzene	12.569	95	85234	49.957	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.920%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	27066	19.070	ug/l	98
3) Chloromethane	2.152	50	47072	18.947	ug/l	95
4) Vinyl Chloride	2.281	62	58917	17.978	ug/l	98
5) Bromomethane	2.681	94	32409	16.335	ug/l	99
6) Chloroethane	2.834	64	42489	18.771	ug/l	99
7) Trichlorofluoromethane	3.169	101	50934	18.358	ug/l	99
8) Diethyl Ether	3.593	74	14381	17.521	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.958	101	32182	18.900	ug/l	93
10) Methyl Iodide	4.158	142	22485	14.517	ug/l	# 90
11) Tert butyl alcohol	5.063	59	11052	117.195	ug/l	# 92
12) 1,1-Dichloroethene	3.940	96	26736	16.273	ug/l	# 83
13) Acrolein	3.793	56	8220	69.011	ug/l	86
14) Allyl chloride	4.558	41	37922	17.506	ug/l	# 88
15) Acrylonitrile	5.263	53	33834	93.261	ug/l	# 18
16) Acetone	4.028	43	41153	110.532	ug/l	# 83
17) Carbon Disulfide	4.264	76	74877	13.499	ug/l	99
18) Methyl Acetate	4.575	43	13391	16.993	ug/l	89
19) Methyl tert-butyl Ether	5.316	73	64709	18.938	ug/l	99
20) Methylene Chloride	4.799	84	39216	20.204	ug/l	# 88
21) trans-1,2-Dichloroethene	5.305	96	32468	17.478	ug/l	97
22) Diisopropyl ether	6.216	45	84086	18.243	ug/l	93
23) Vinyl Acetate	6.152	43	255786	90.957	ug/l	96
24) 1,1-Dichloroethane	6.105	63	58484	18.328	ug/l	95
25) 2-Butanone	7.081	43	47513	96.444	ug/l	# 82
26) 2,2-Dichloropropane	7.069	77	48902	18.761	ug/l	93
27) cis-1,2-Dichloroethene	7.075	96	35059	17.028	ug/l	84
28) Bromochloromethane	7.422	49	21160	18.592	ug/l	# 79
29) Tetrahydrofuran	7.446	42	23984	91.004	ug/l	# 85
30) Chloroform	7.599	83	62078	19.027	ug/l	94
31) Cyclohexane	7.881	56	43426	15.684	ug/l	90
32) 1,1,1-Trichloroethane	7.787	97	53813	19.139	ug/l	98
36) 1,1-Dichloropropene	8.005	75	44154	17.695	ug/l	94
37) Ethyl Acetate	7.169	43	18556	19.321	ug/l	# 91
38) Carbon Tetrachloride	7.993	117	47031	19.169	ug/l	# 90
39) Methylcyclohexane	9.275	83	47213	16.003	ug/l	98
40) Benzene	8.252	78	128962	17.713	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.410	41	10754	20.828	ug/l #	82
42) 1,2-Dichloroethane	8.322	62	35089	18.582	ug/l	96
43) Isopropyl Acetate	8.363	43	33533	19.474	ug/l #	87
44) Trichloroethene	9.028	130	32773	18.331	ug/l	88
45) 1,2-Dichloropropane	9.299	63	32320	18.156	ug/l	97
46) Dibromomethane	9.393	93	18548	18.779	ug/l	88
47) Bromodichloromethane	9.581	83	46675	19.207	ug/l	99
48) Methyl methacrylate	9.381	41	14455	17.567	ug/l #	81
49) 1,4-Dioxane	9.387	88	4144	374.020	ug/l #	83
51) 4-Methyl-2-Pentanone	10.157	43	90430	97.077	ug/l	90
52) Toluene	10.334	92	81624	18.483	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	41925	18.471	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	49750	18.514	ug/l #	84
55) 1,1,2-Trichloroethane	10.734	97	25707	19.945	ug/l	94
56) Ethyl methacrylate	10.598	69	26974	18.451	ug/l #	84
57) 1,3-Dichloropropane	10.881	76	41281	18.575	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	59213	89.064	ug/l	94
59) 2-Hexanone	10.922	43	73431	104.668	ug/l	86
60) Dibromochloromethane	11.069	129	30795	20.582	ug/l	99
61) 1,2-Dibromoethane	11.181	107	23703	19.478	ug/l	95
64) Tetrachloroethene	10.810	164	24196	17.662	ug/l #	84
65) Chlorobenzene	11.604	112	87453	18.611	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.681	131	33268	19.884	ug/l	97
67) Ethyl Benzene	11.681	91	150625	17.696	ug/l	95
68) m/p-Xylenes	11.793	106	117468	35.871	ug/l	88
69) o-Xylene	12.116	106	54240	18.023	ug/l	86
70) Styrene	12.134	104	95917	18.663	ug/l	96
71) Bromoform	12.298	173	16566	20.104	ug/l #	99
73) Isopropylbenzene	12.422	105	143895	18.203	ug/l	95
74) N-amyl acetate	12.228	43	31267	19.124	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.669	83	29789	19.513	ug/l	100
76) 1,2,3-Trichloropropane	12.716	75	36001	36.866	ug/l #	100
77) Bromobenzene	12.698	156	32636	18.761	ug/l	83
78) n-propylbenzene	12.763	91	181573	18.439	ug/l	95
79) 2-Chlorotoluene	12.845	91	101816	19.315	ug/l	91
80) 1,3,5-Trimethylbenzene	12.904	105	122901	19.111	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	8796	17.914	ug/l #	86
82) 4-Chlorotoluene	12.945	91	105352	18.747	ug/l	93
83) tert-Butylbenzene	13.163	119	99131	18.065	ug/l	93
84) 1,2,4-Trimethylbenzene	13.210	105	121804	18.721	ug/l	96
85) sec-Butylbenzene	13.345	105	164302	19.078	ug/l	94
86) p-Isopropyltoluene	13.457	119	136418	19.340	ug/l	94
87) 1,3-Dichlorobenzene	13.457	146	69707	19.288	ug/l	97
88) 1,4-Dichlorobenzene	13.534	146	69870	19.540	ug/l	96
89) n-Butylbenzene	13.787	91	130735	19.020	ug/l	98
90) Hexachloroethane	14.051	117	27558	19.560	ug/l	86
91) 1,2-Dichlorobenzene	13.828	146	60764	19.653	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.439	75	4146	19.374	ug/l	92
93) 1,2,4-Trichlorobenzene	15.098	180	35759	19.996	ug/l	95
94) Hexachlorobutadiene	15.198	225	18109	20.665	ug/l	98
95) Naphthalene	15.328	128	67601	18.959	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	30635	19.455	ug/l	96

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

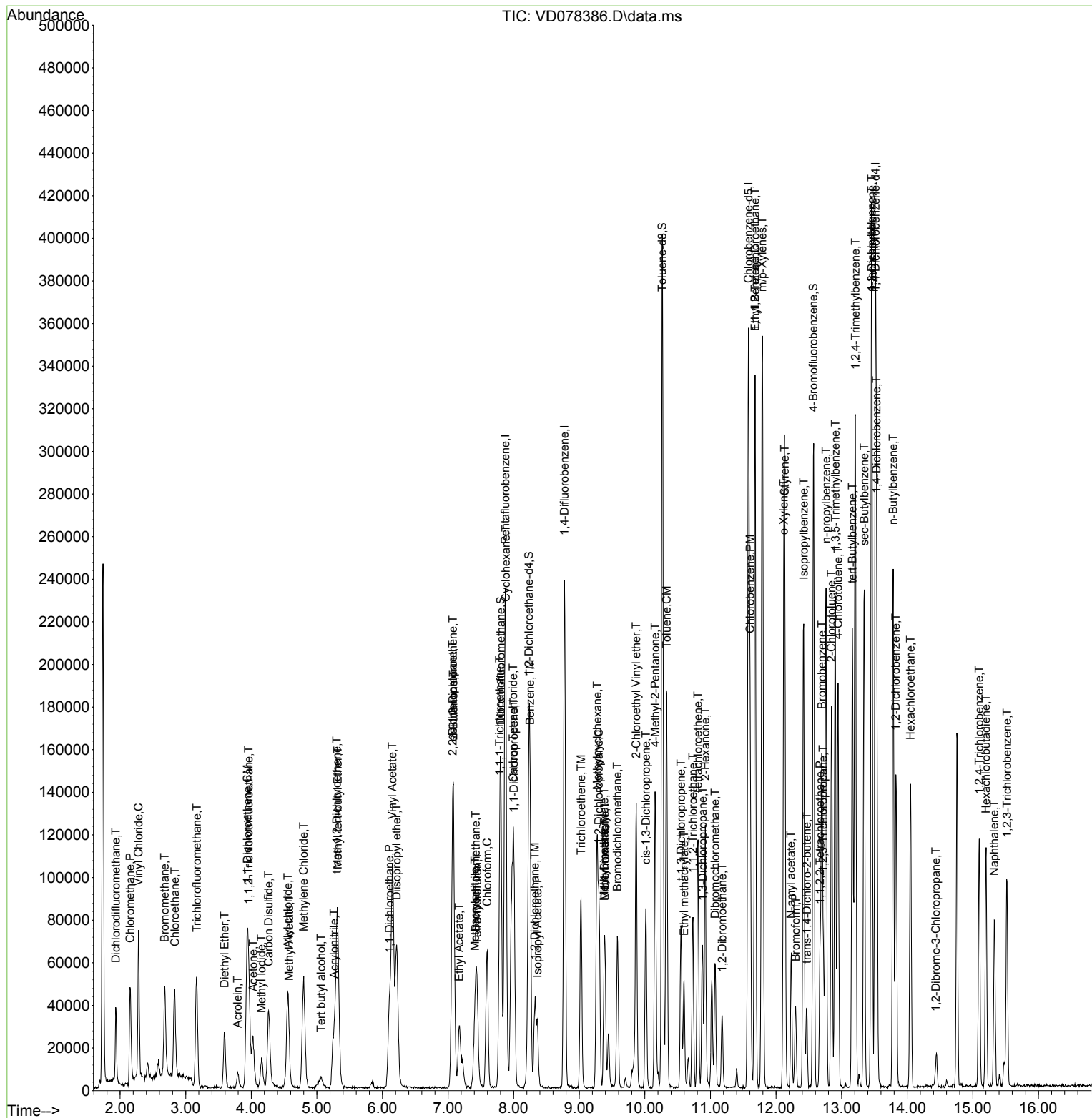
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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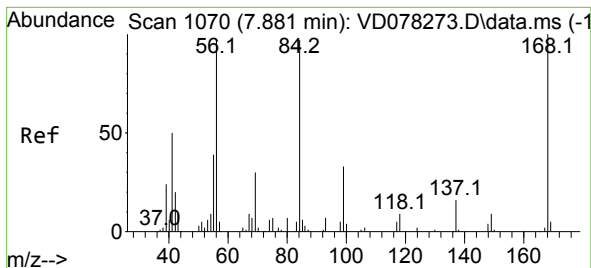
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD078386.D

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Instrument :

MSVOA_D

ClientSampleId :

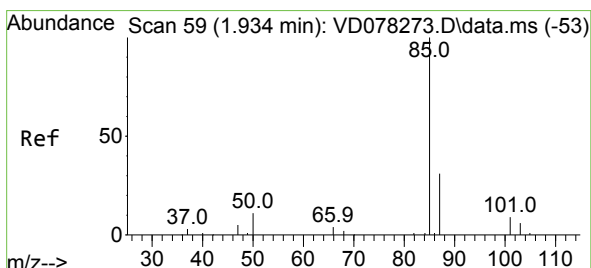
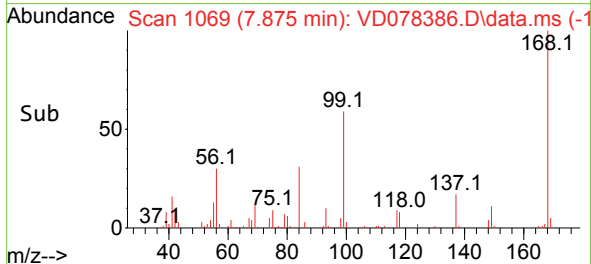
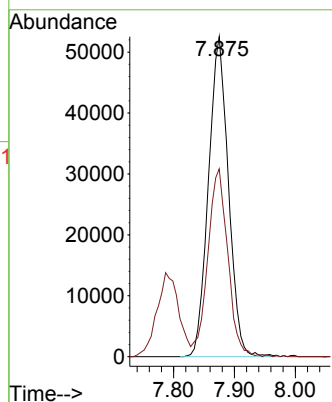
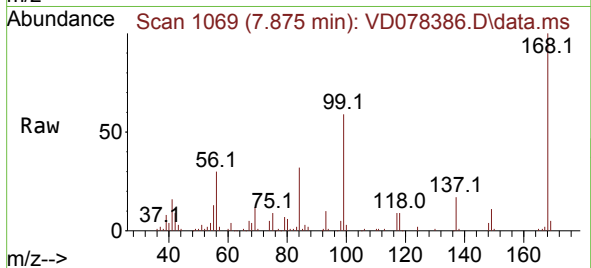
VD0209SBSD01

Tgt Ion:168 Resp: 119429

Ion Ratio Lower Upper

168 100

99 58.7 36.7 55.1#



#2

Dichlorodifluoromethane

Concen: 19.070 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD078386.D

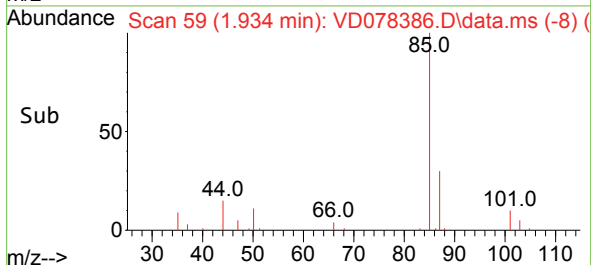
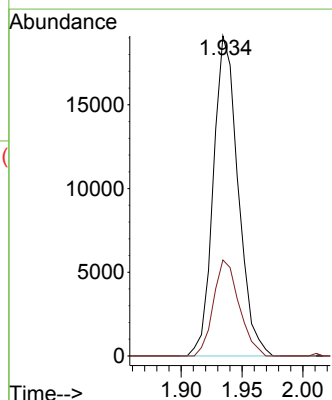
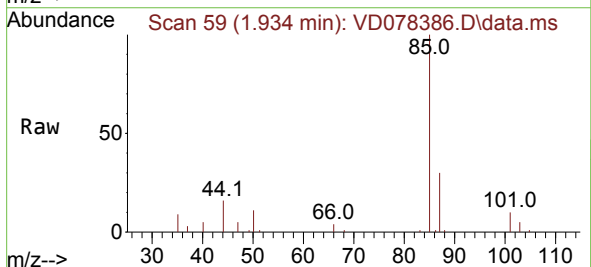
Acq: 09 Feb 2024 13:43

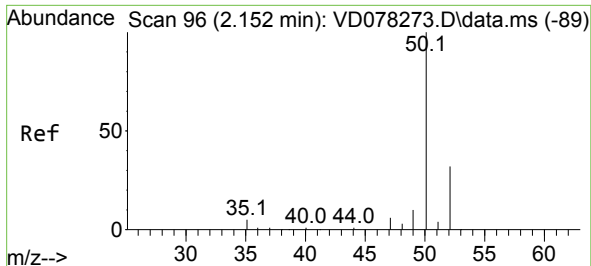
Tgt Ion: 85 Resp: 27066

Ion Ratio Lower Upper

85 100

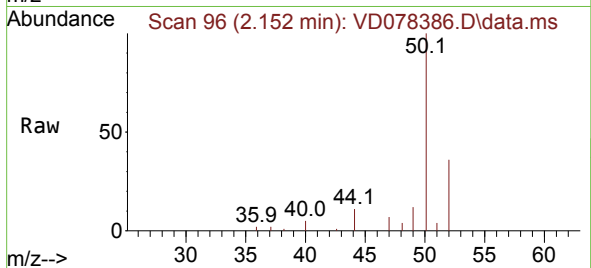
87 30.0 15.7 47.0



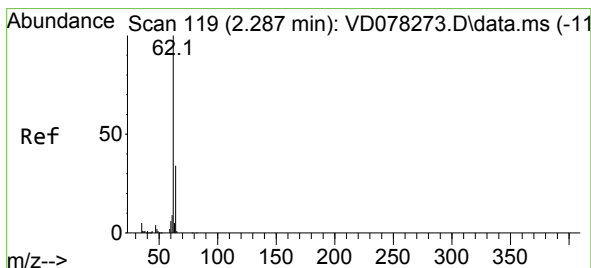
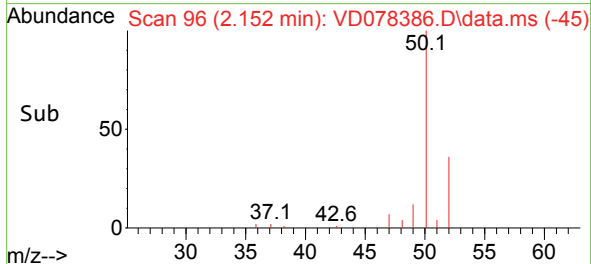
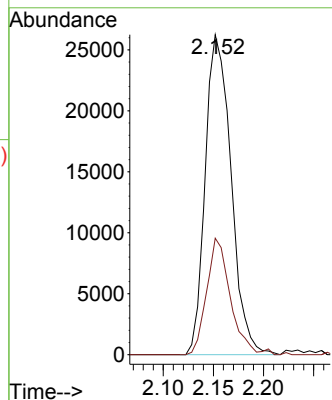


#3
Chloromethane
Concen: 18.947 ug/l
RT: 2.152 min Scan# 90
Delta R.T. 0.000 min
Lab File: VD078386.D
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Instrument :
MSVOA_D
ClientSampleId :
VD0209SBSD01

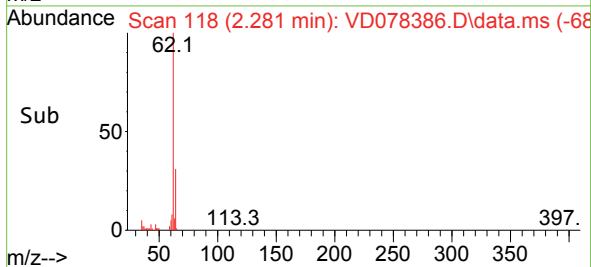
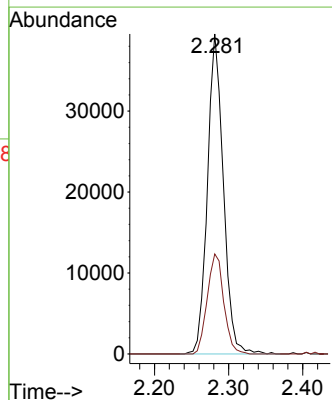
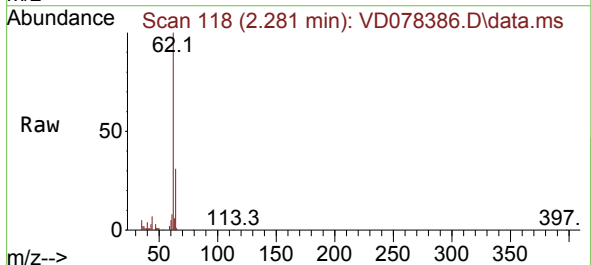


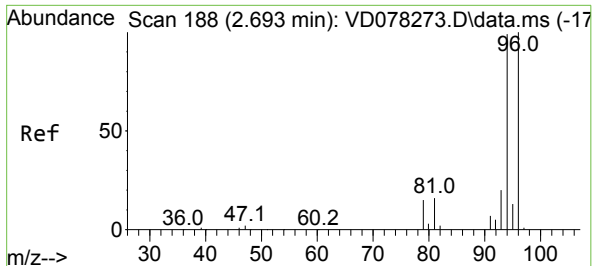
Tgt Ion: 50 Resp: 47072
Ion Ratio Lower Upper
50 100
52 36.4 26.6 40.0



#4
Vinyl Chloride
Concen: 17.978 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.006 min
Lab File: VD078386.D
Acq: 09 Feb 2024 13:43

Tgt Ion: 62 Resp: 58917
Ion Ratio Lower Upper
62 100
64 31.2 26.0 39.0

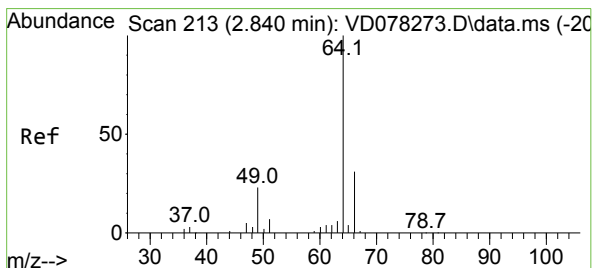
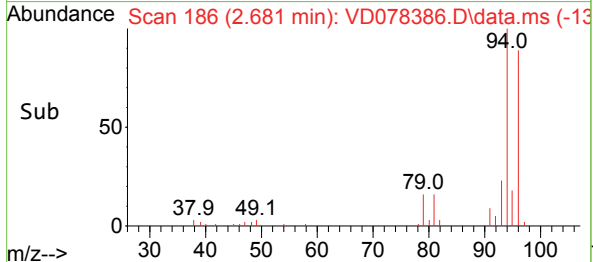
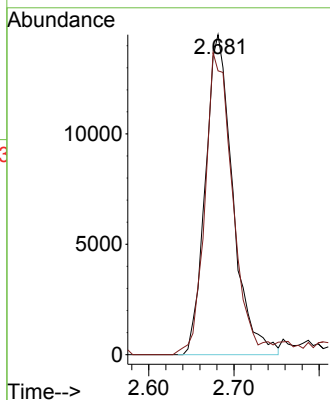
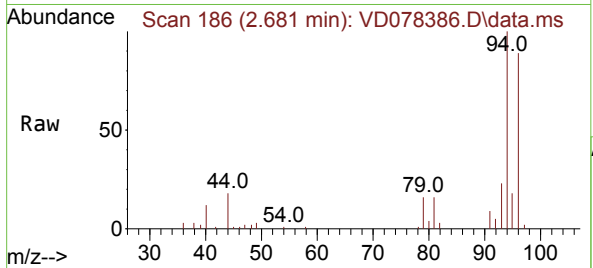




#5
Bromomethane
Concen: 16.335 ug/l
RT: 2.681 min Scan# 186
Delta R.T. -0.012 min
Lab File: VD078386.D
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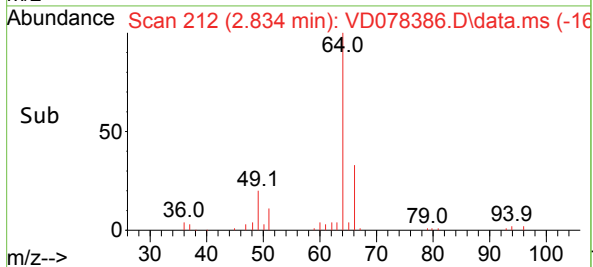
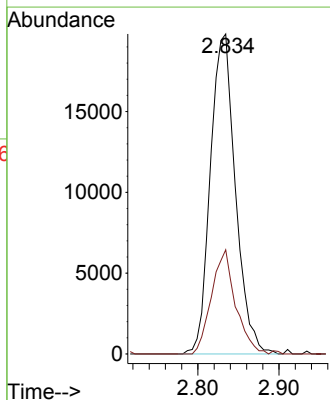
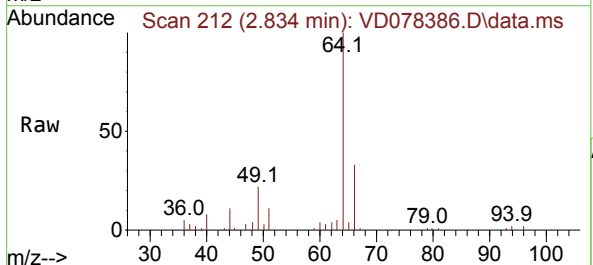
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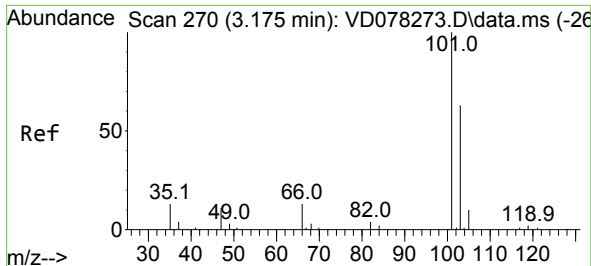
Tgt Ion: 94 Resp: 32409
Ion Ratio Lower Upper
94 100
96 93.9 75.8 113.8



#6
Chloroethane
Concen: 18.771 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.006 min
Lab File: VD078386.D
Acq: 09 Feb 2024 13:43

Tgt Ion: 64 Resp: 42489
Ion Ratio Lower Upper
64 100
66 32.5 25.5 38.3

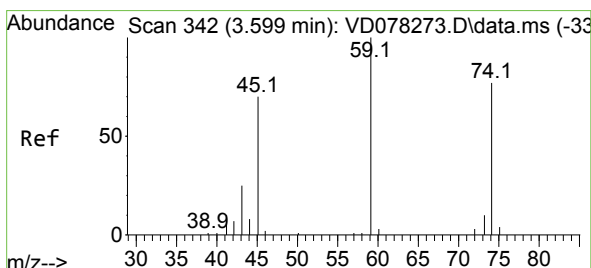
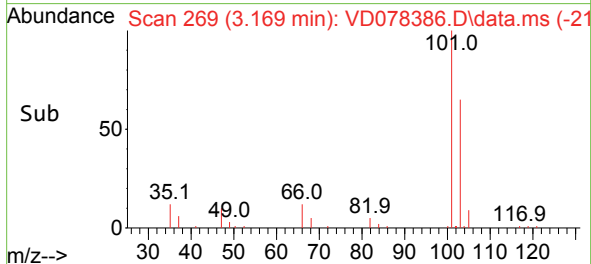
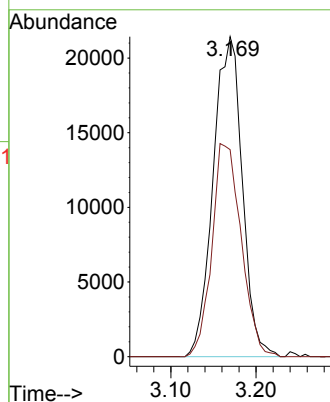
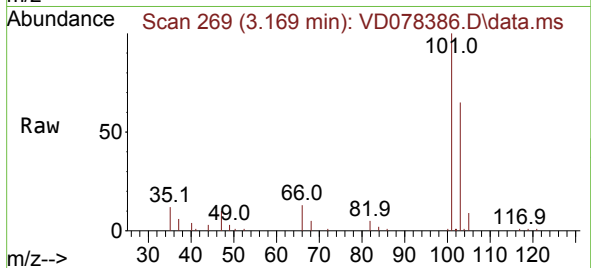




#7
Trichlorofluoromethane
Concen: 18.358 ug/l
RT: 3.169 min Scan# 2
Delta R.T. -0.006 min
Lab File: VD078386.D
Acq: 09 Feb 2024 13:43

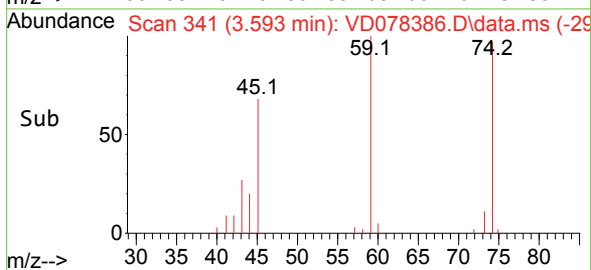
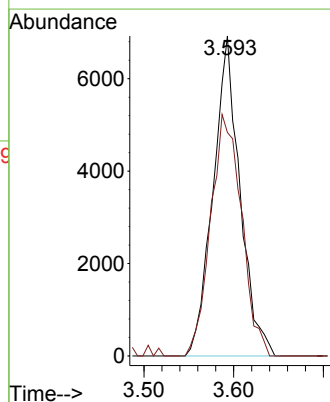
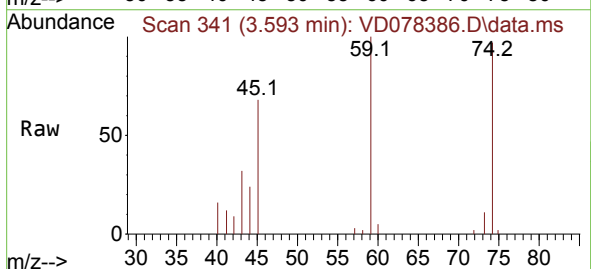
Instrument :
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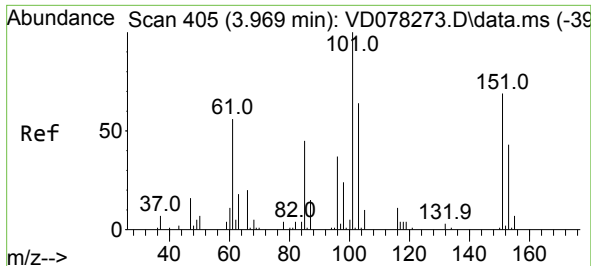
Tgt Ion:101 Resp: 50934
Ion Ratio Lower Upper
101 100
103 64.7 52.3 78.5



#8
Diethyl Ether
Concen: 17.521 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.006 min
Lab File: VD078386.D
Acq: 09 Feb 2024 13:43

Tgt Ion: 74 Resp: 14381
Ion Ratio Lower Upper
74 100
45 87.0 37.5 112.7

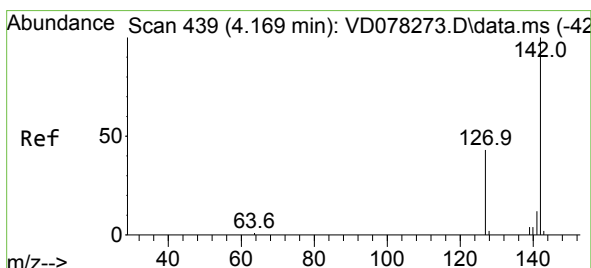
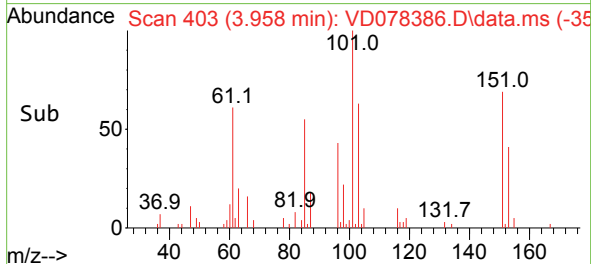
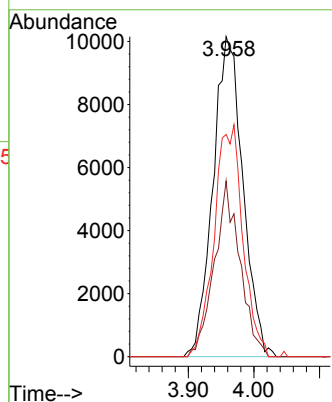
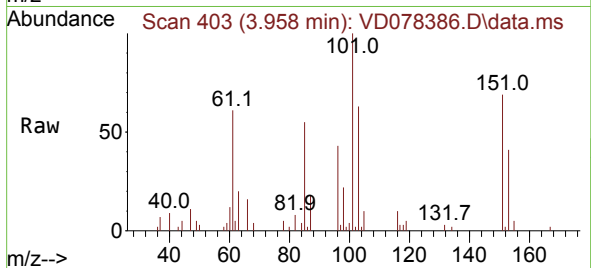




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.900 ug/l
RT: 3.958 min Scan# 405
Delta R.T. -0.012 min
Lab File: VD078386.D
Acq: 09 Feb 2024 13:43

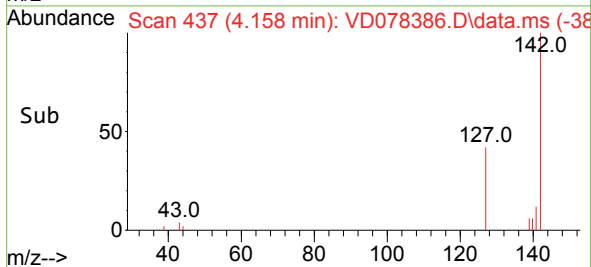
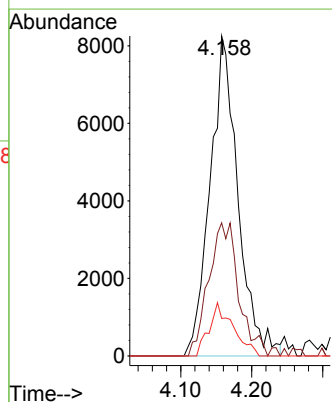
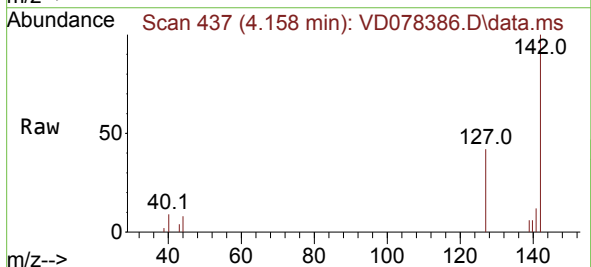
Instrument :
MSVOA_D
ClientSampleId :
VD0209SBS01

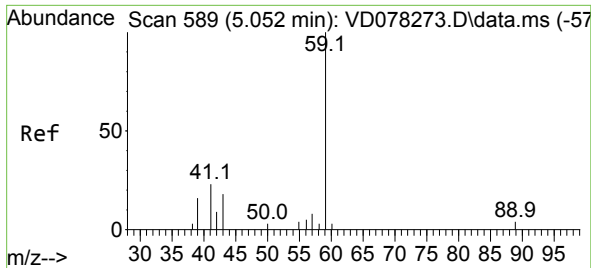
Tgt Ion:	101	Resp:	32182
Ion	Ratio	Lower	Upper
101	100		
85	47.0	33.8	50.6
151	69.3	59.8	89.6



#10
Methyl Iodide
Concen: 14.517 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.012 min
Lab File: VD078386.D
Acq: 09 Feb 2024 13:43

Tgt Ion:	142	Resp:	22485
Ion	Ratio	Lower	Upper
142	100		
127	44.8	29.4	44.0#
141	14.3	11.1	16.7

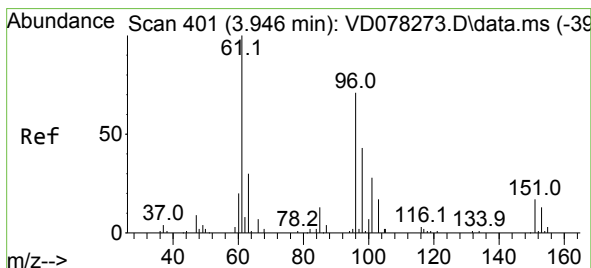
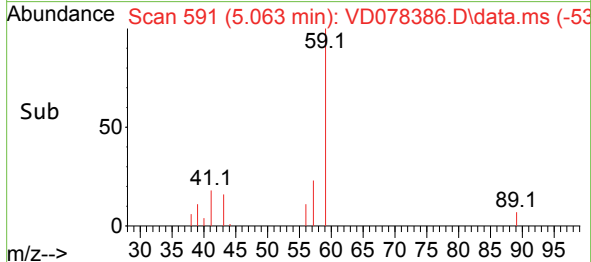
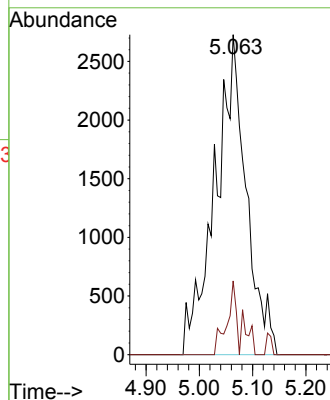
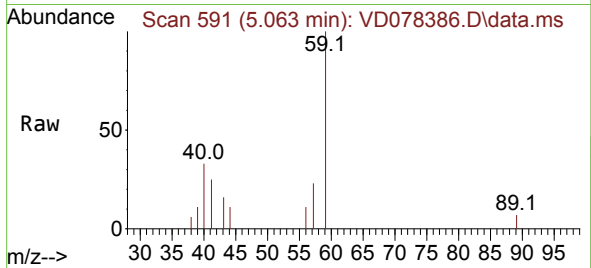




#11
Tert butyl alcohol
Concen: 117.195 ug/l
RT: 5.063 min Scan# 51
Delta R.T. 0.012 min
Lab File: VD078386.D
Acq: 09 Feb 2024 13:43

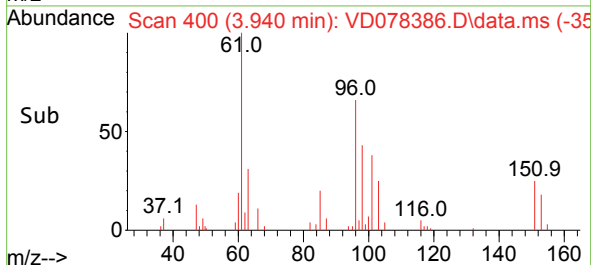
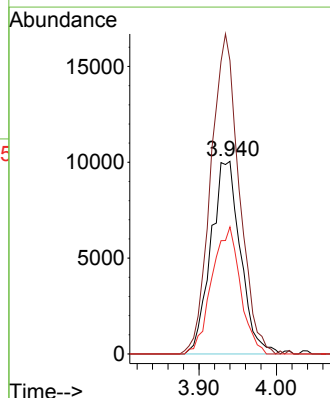
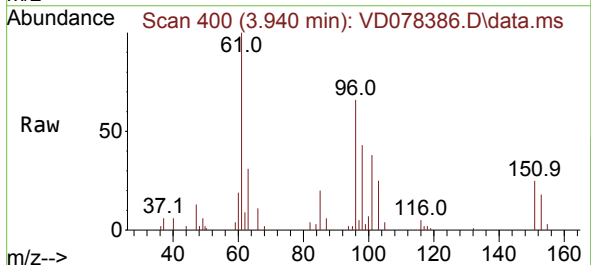
Instrument :
MSVOA_D
ClientSampleId :
VD0209SBS01

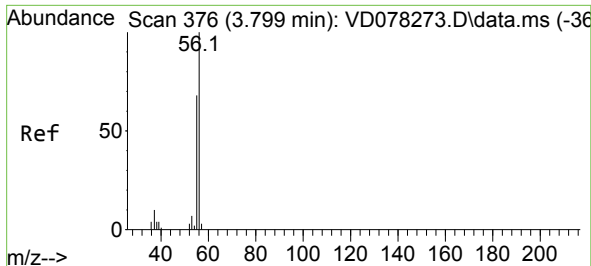
Tgt Ion: 59 Resp: 11052
Ion Ratio Lower Upper
59 100
57 6.9 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 16.273 ug/l
RT: 3.940 min Scan# 400
Delta R.T. -0.006 min
Lab File: VD078386.D
Acq: 09 Feb 2024 13:43

Tgt Ion: 96 Resp: 26736
Ion Ratio Lower Upper
96 100
61 152.2 100.6 150.8#
98 65.9 50.2 75.2





#13

Acrolein

Concen: 69.011 ug/l

RT: 3.793 min Scan# 31

Delta R.T. -0.006 min

Lab File: VD078386.D

Acq: 09 Feb 2024 13:43

Instrument :

MSVOA_D

ClientSampleId :

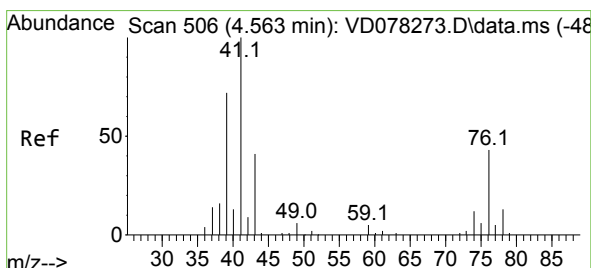
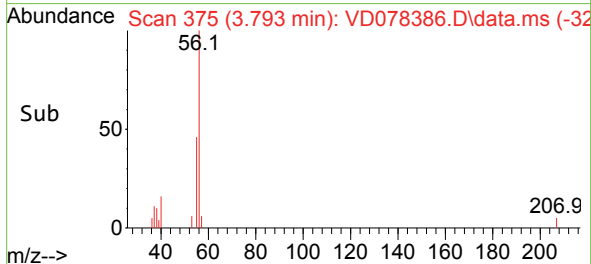
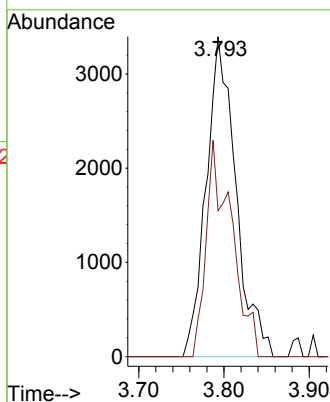
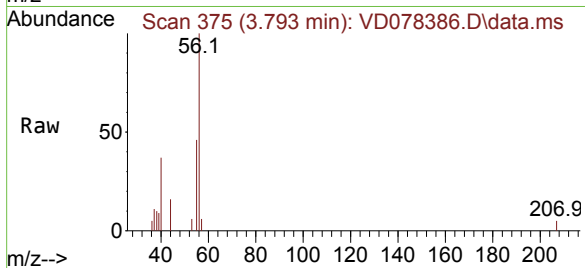
VD0209SBS01

Tgt Ion: 56 Resp: 8220

Ion Ratio Lower Upper

56 100

55 57.9 55.1 82.7



#14

Allyl chloride

Concen: 17.506 ug/l

RT: 4.558 min Scan# 505

Delta R.T. -0.006 min

Lab File: VD078386.D

Acq: 09 Feb 2024 13:43

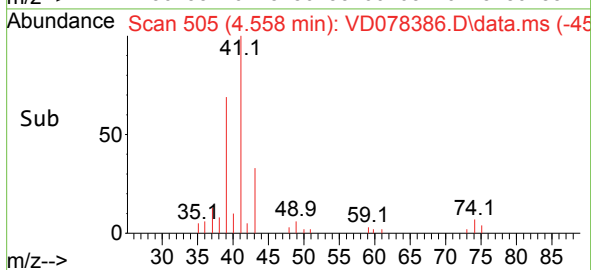
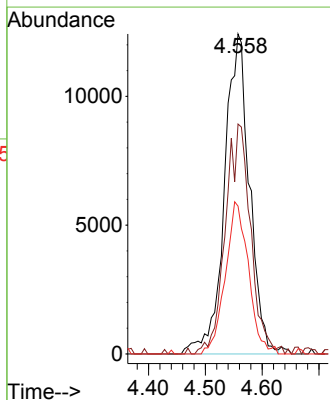
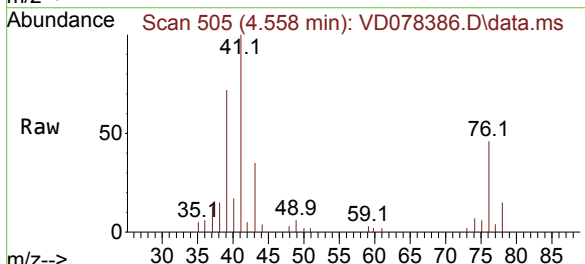
Tgt Ion: 41 Resp: 37922

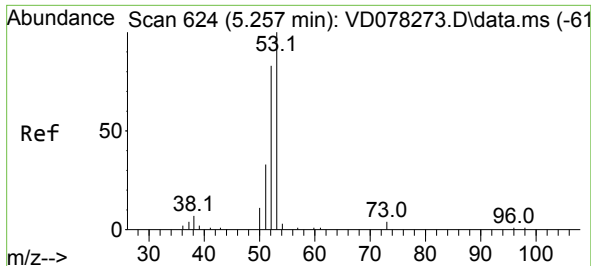
Ion Ratio Lower Upper

41 100

39 72.7 53.8 80.6

76 44.2 45.8 68.8#

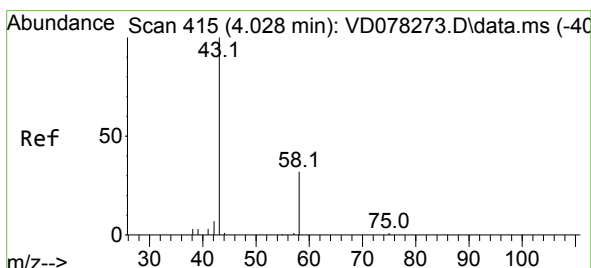
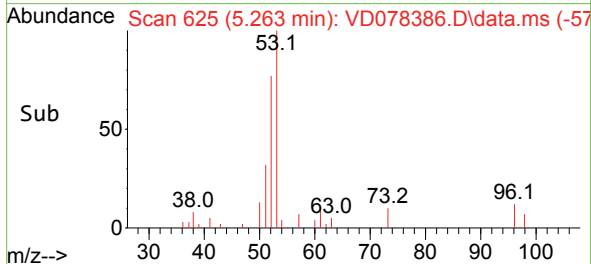
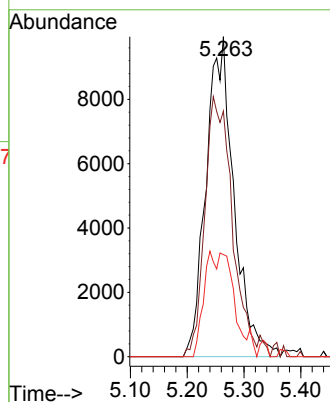
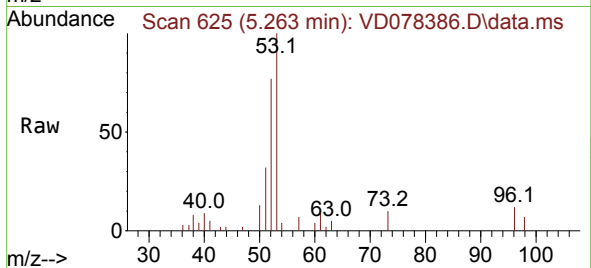




#15
Acrylonitrile
Concen: 93.261 ug/l
RT: 5.263 min Scan# 615
Delta R.T. 0.006 min
Lab File: VD078386.D
Acq: 09 Feb 2024 13:43

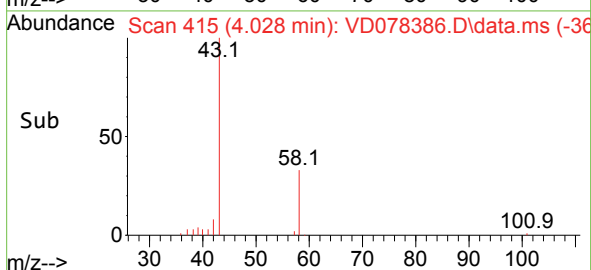
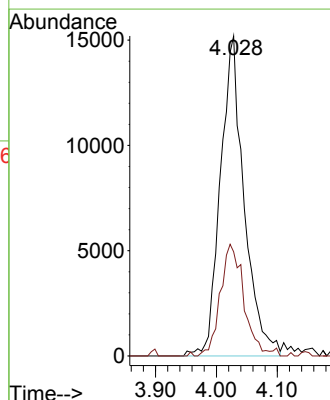
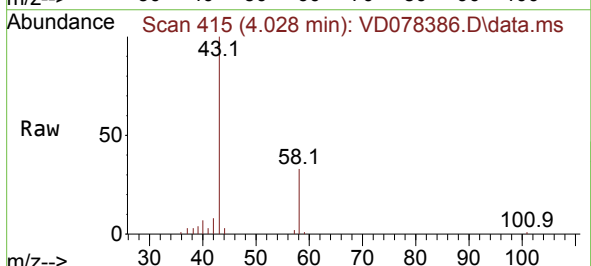
Instrument :
MSVOA_D
ClientSampleId :
VD0209SBS01

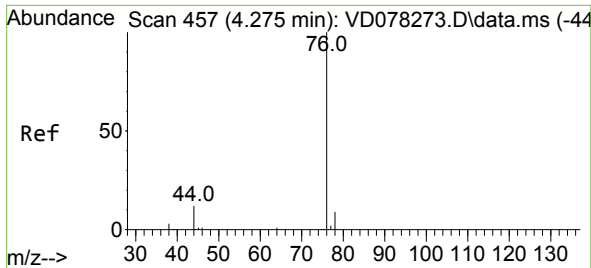
Tgt Ion: 53 Resp: 33834
Ion Ratio Lower Upper
53 100
52 0.0 65.0 97.4#
51 0.0 28.3 42.5#



#16
Acetone
Concen: 110.532 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.000 min
Lab File: VD078386.D
Acq: 09 Feb 2024 13:43

Tgt Ion: 43 Resp: 41153
Ion Ratio Lower Upper
43 100
58 32.5 34.7 52.1#

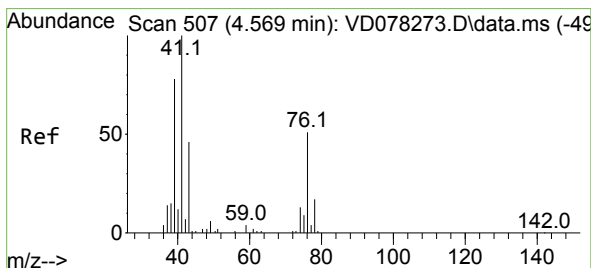
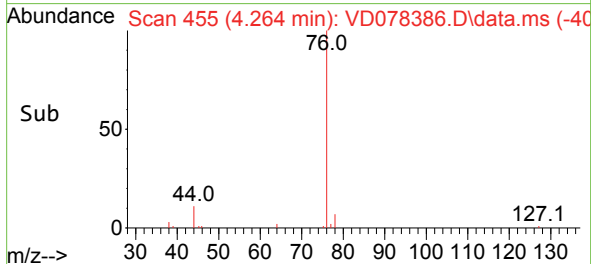
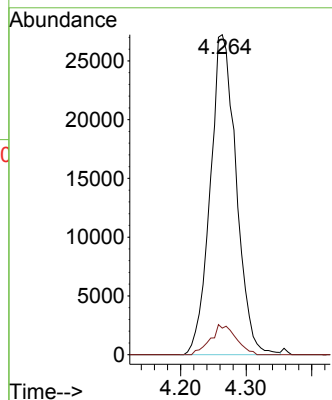
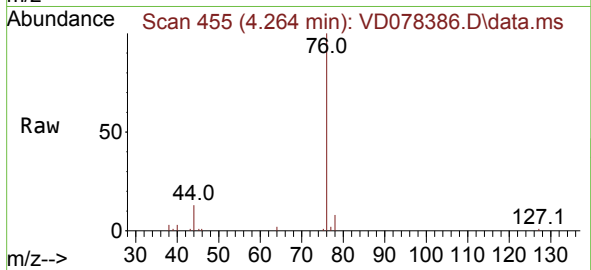




#17
Carbon Disulfide
Concen: 13.499 ug/l
RT: 4.264 min Scan# 41
Delta R.T. -0.012 min
Lab File: VD078386.D
Acq: 09 Feb 2024 13:43

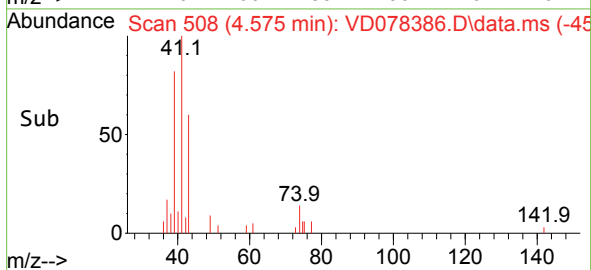
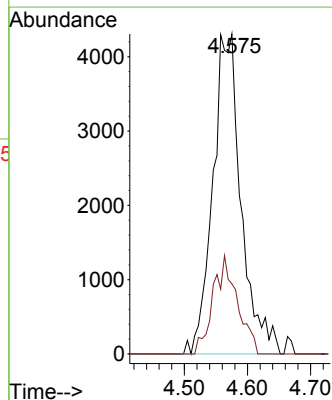
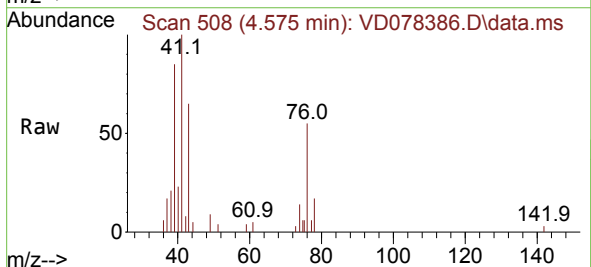
Instrument :
MSVOA_D
ClientSampleId :
VD0209SBS01

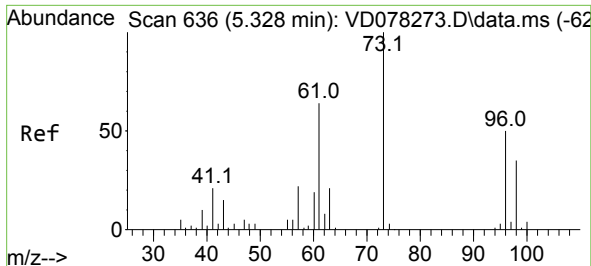
Tgt Ion: 76 Resp: 74877
Ion Ratio Lower Upper
76 100
78 8.3 6.8 10.2



#18
Methyl Acetate
Concen: 16.993 ug/l
RT: 4.575 min Scan# 508
Delta R.T. 0.006 min
Lab File: VD078386.D
Acq: 09 Feb 2024 13:43

Tgt Ion: 43 Resp: 13391
Ion Ratio Lower Upper
43 100
74 26.5 26.4 39.6

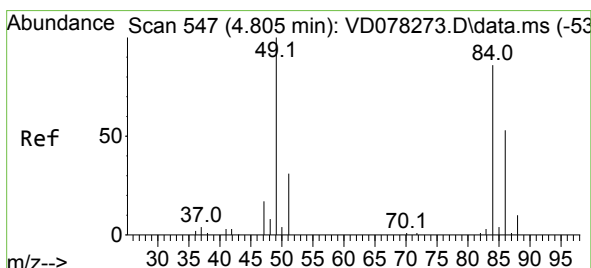
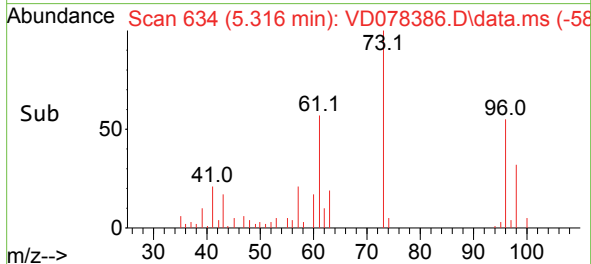
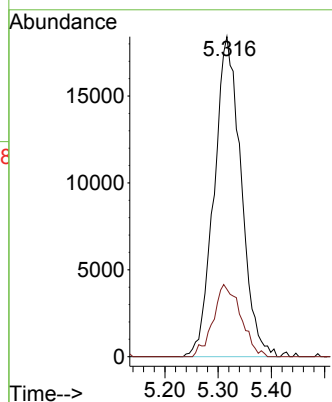
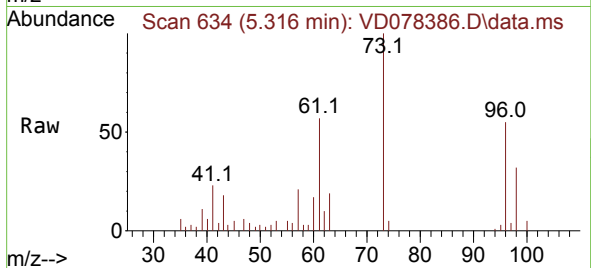




#19
Methyl tert-butyl Ether
Concen: 18.938 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.012 min
Lab File: VD078386.D
Acq: 09 Feb 2024 13:43

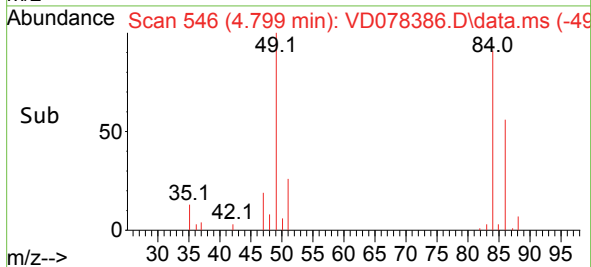
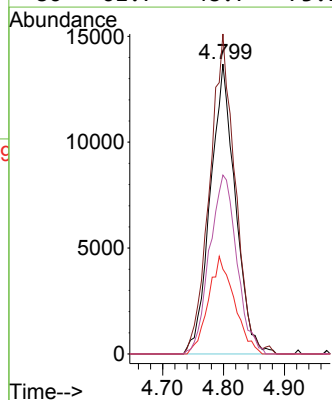
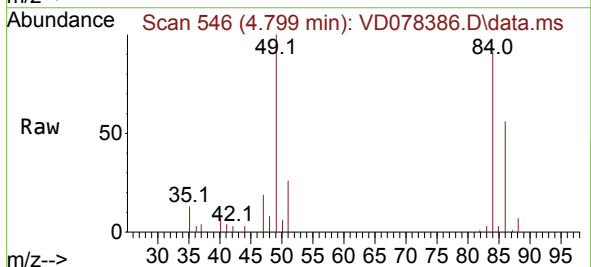
Instrument :
MSVOA_D
ClientSampleId :
VD0209SBS01

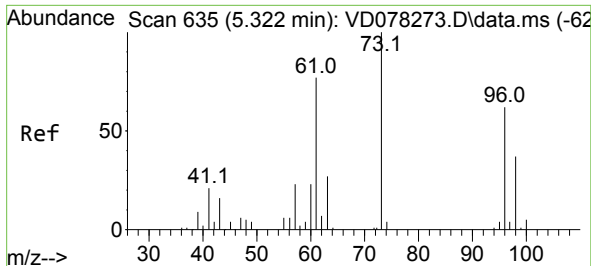
Tgt Ion: 73 Resp: 64709
Ion Ratio Lower Upper
73 100
57 21.1 16.6 25.0



#20
Methylene Chloride
Concen: 20.204 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD078386.D
Acq: 09 Feb 2024 13:43

Tgt Ion: 84 Resp: 39216
Ion Ratio Lower Upper
84 100
49 110.4 71.4 107.2#
51 29.2 24.5 36.7
86 61.7 48.7 73.1

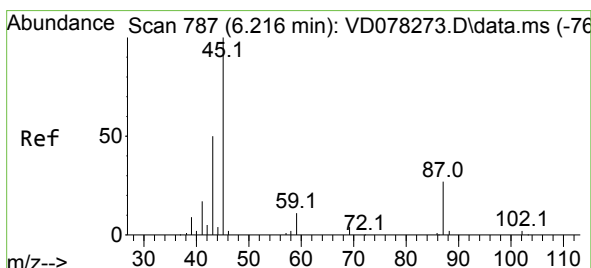
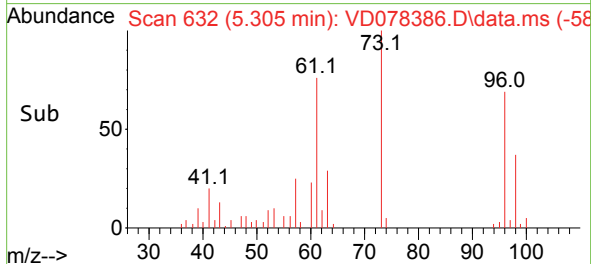
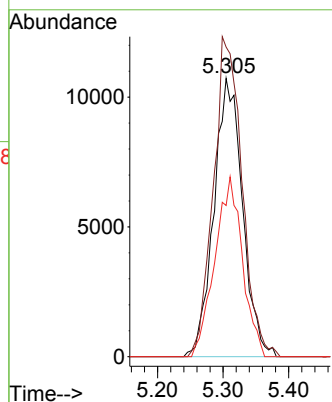
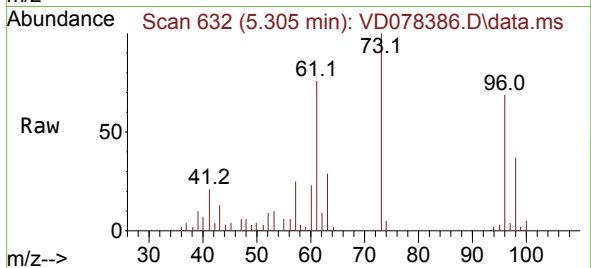




#21
trans-1,2-Dichloroethene
Concen: 17.478 ug/l
RT: 5.305 min Scan# 611
Delta R.T. -0.018 min
Lab File: VD078386.D
Acq: 09 Feb 2024 13:43

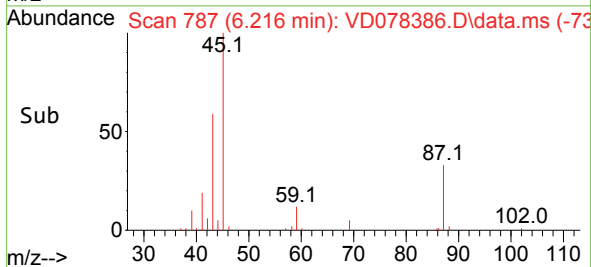
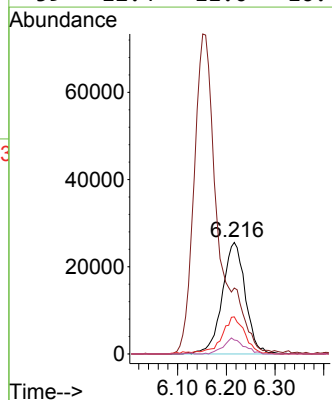
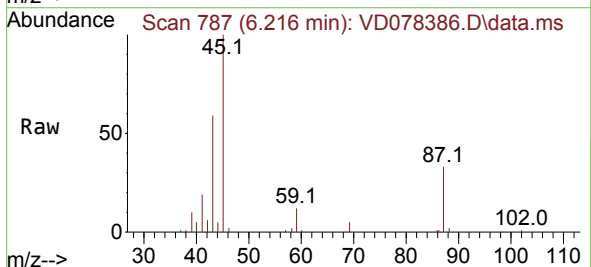
Instrument :
MSVOA_D
ClientSampleId :
VD0209SBS01

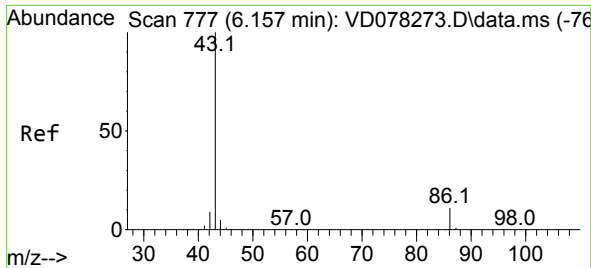
Tgt Ion: 96 Resp: 32468
Ion Ratio Lower Upper
96 100
61 111.3 89.3 133.9
98 54.3 48.6 73.0



#22
Diisopropyl ether
Concen: 18.243 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD078386.D
Acq: 09 Feb 2024 13:43

Tgt Ion: 45 Resp: 84086
Ion Ratio Lower Upper
45 100
43 57.3 40.0 60.0
87 33.3 28.2 42.4
59 12.4 11.0 16.4

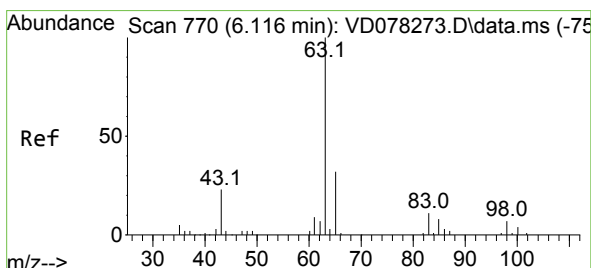
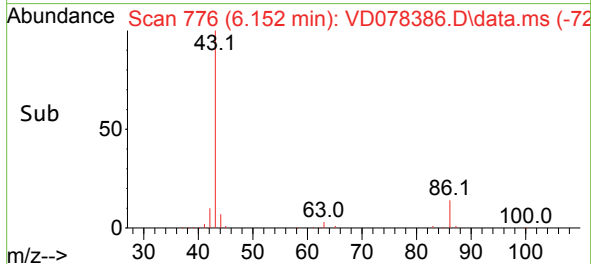
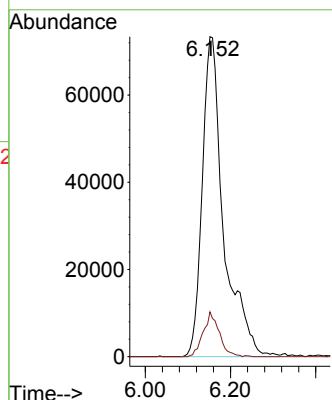
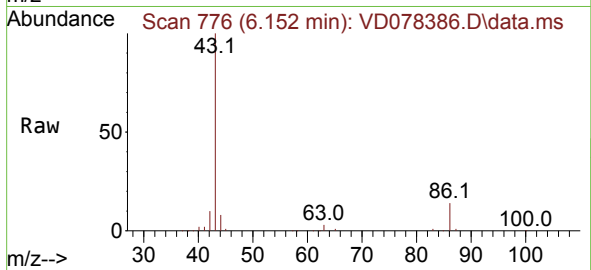




#23
 Vinyl Acetate
 Concen: 90.957 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. -0.006 min
 Lab File: VD078386.D
 Acq: 09 Feb 2024 13:43

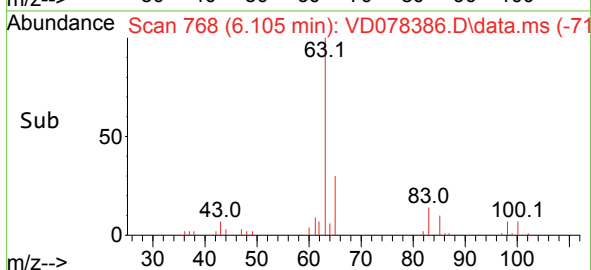
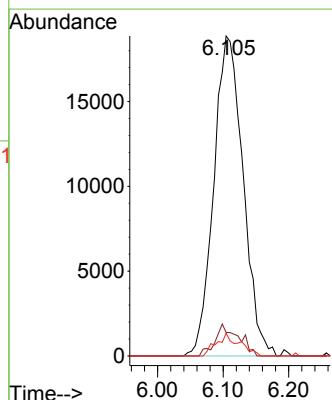
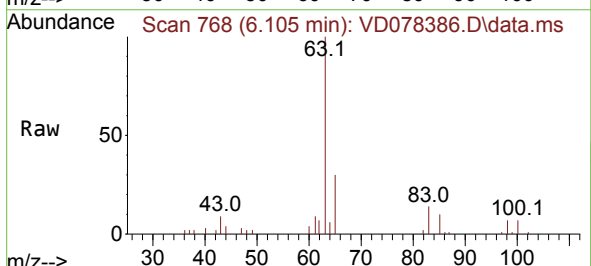
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0209SBS01

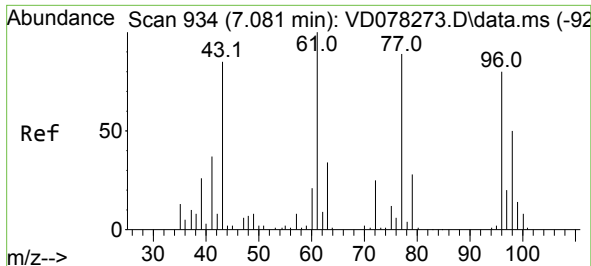
Tgt Ion: 43 Resp: 255786
 Ion Ratio Lower Upper
 43 100
 86 14.0 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 18.328 ug/l
 RT: 6.105 min Scan# 768
 Delta R.T. -0.012 min
 Lab File: VD078386.D
 Acq: 09 Feb 2024 13:43

Tgt Ion: 63 Resp: 58484
 Ion Ratio Lower Upper
 63 100
 98 7.3 4.5 13.7
 100 7.1 2.5 7.5

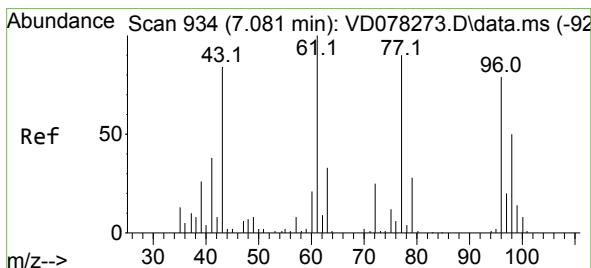
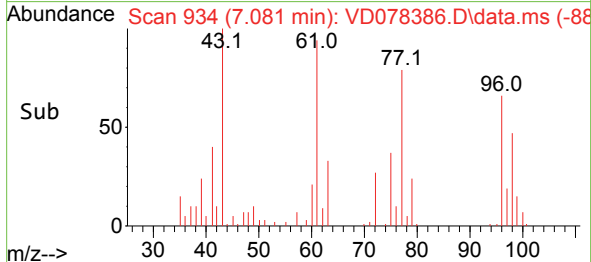
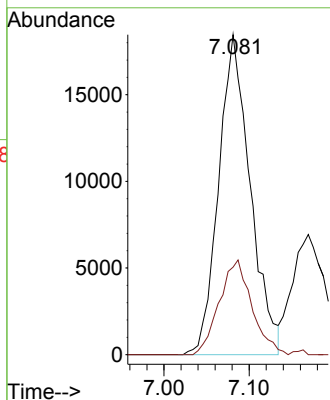
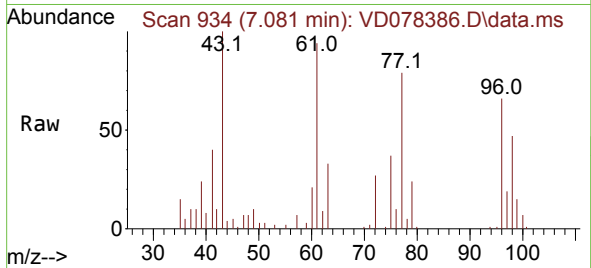




#25
2-Butanone
Concen: 96.444 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD078386.D
Acq: 09 Feb 2024 13:43

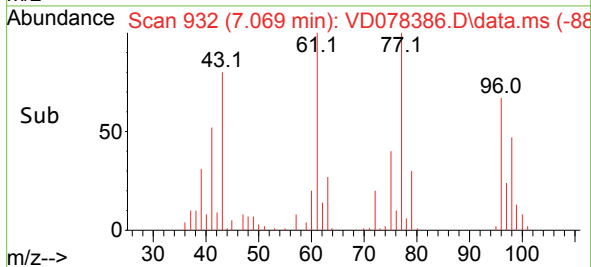
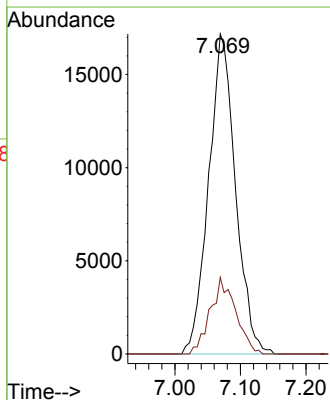
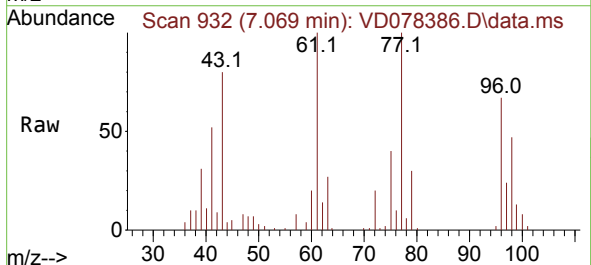
Instrument :
MSVOA_D
ClientSampleId :
VD0209SBS01

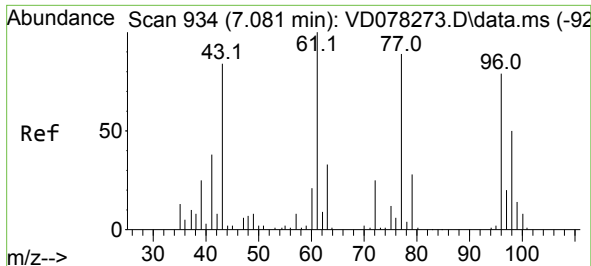
Tgt Ion: 43 Resp: 47513
Ion Ratio Lower Upper
43 100
72 27.3 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 18.761 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.012 min
Lab File: VD078386.D
Acq: 09 Feb 2024 13:43

Tgt Ion: 77 Resp: 48902
Ion Ratio Lower Upper
77 100
97 22.6 13.2 39.6





#27

cis-1,2-Dichloroethene

Concen: 17.028 ug/l

RT: 7.075 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD078386.D

Acq: 09 Feb 2024 13:43

Instrument :

MSVOA_D

ClientSampleId :

VD0209SBSD01

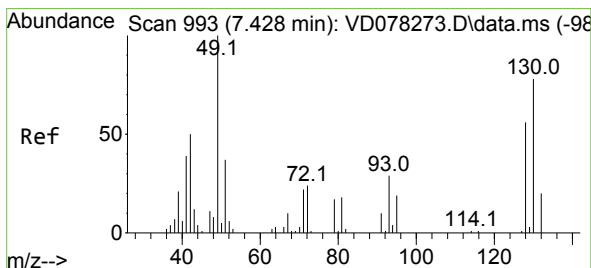
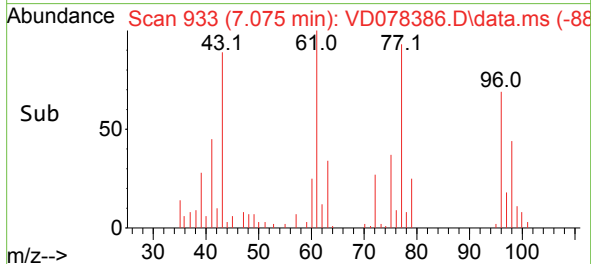
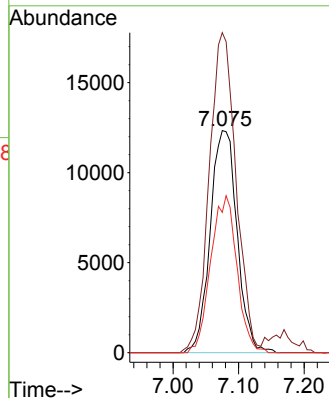
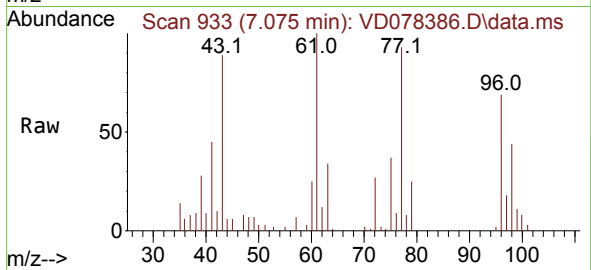
Tgt Ion: 96 Resp: 35059

Ion Ratio Lower Upper

96 100

61 143.9 0.0 239.2

98 68.8 0.0 128.6



#28

Bromochloromethane

Concen: 18.592 ug/l

RT: 7.422 min Scan# 992

Delta R.T. -0.006 min

Lab File: VD078386.D

Acq: 09 Feb 2024 13:43

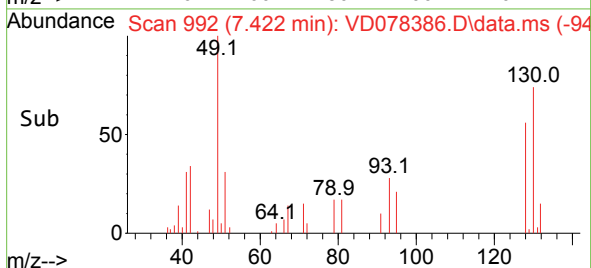
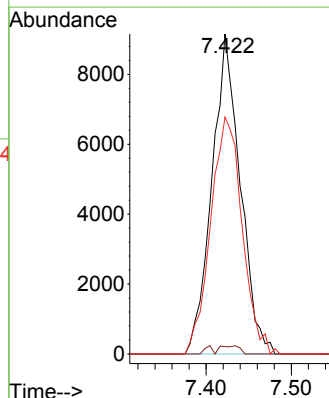
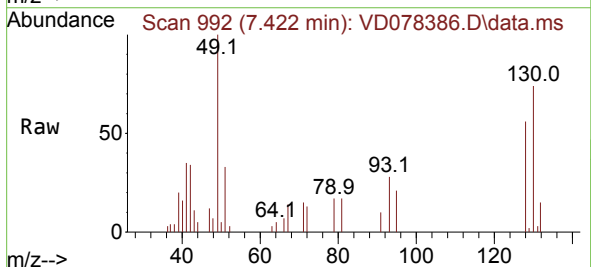
Tgt Ion: 49 Resp: 21160

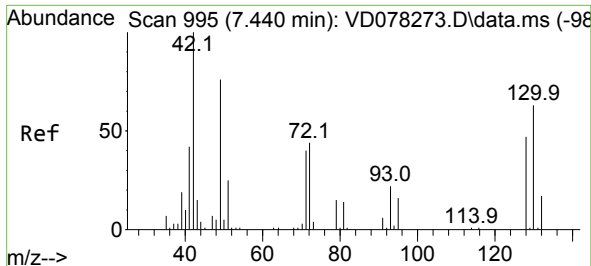
Ion Ratio Lower Upper

49 100

129 1.7 0.0 6.0

130 82.2 83.2 124.8





#29

Tetrahydrofuran

Concen: 91.004 ug/l

RT: 7.446 min Scan# 995

Delta R.T. 0.006 min

Lab File: VD078386.D

Acq: 09 Feb 2024 13:43

Instrument :

MSVOA_D

ClientSampleId :

VD0209SBS01

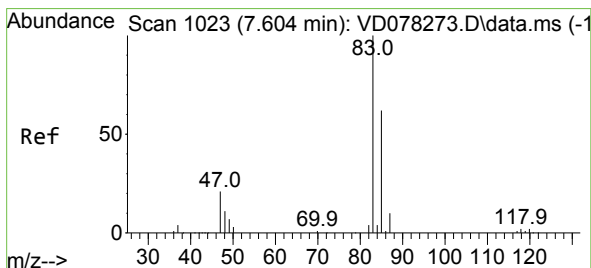
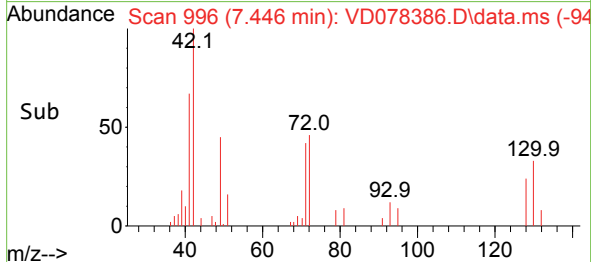
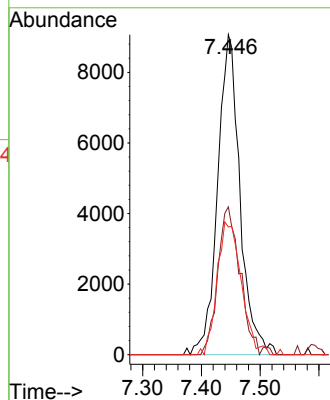
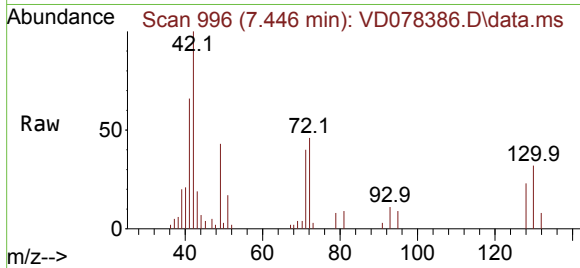
Tgt Ion: 42 Resp: 23984

Ion Ratio Lower Upper

42 100

72 46.0 46.5 69.7#

71 44.9 44.5 66.7



#30

Chloroform

Concen: 19.027 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. -0.006 min

Lab File: VD078386.D

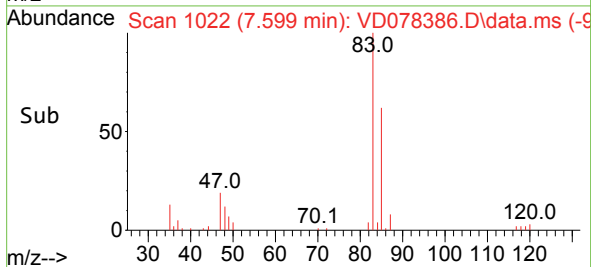
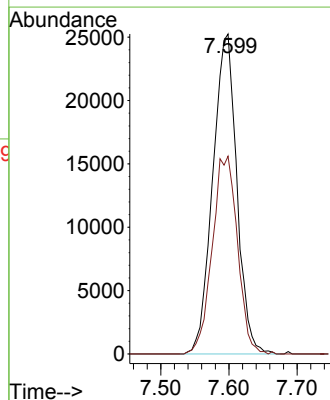
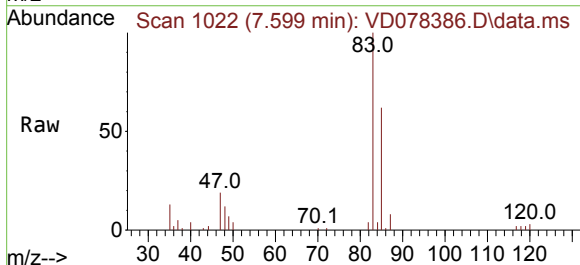
Acq: 09 Feb 2024 13:43

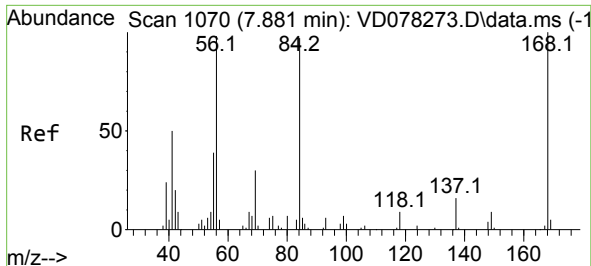
Tgt Ion: 83 Resp: 62078

Ion Ratio Lower Upper

83 100

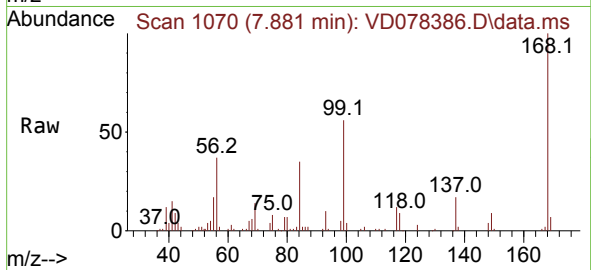
85 61.8 53.4 80.2



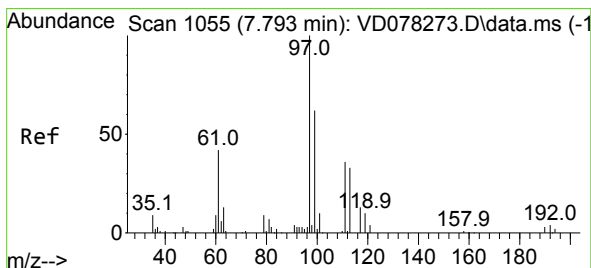
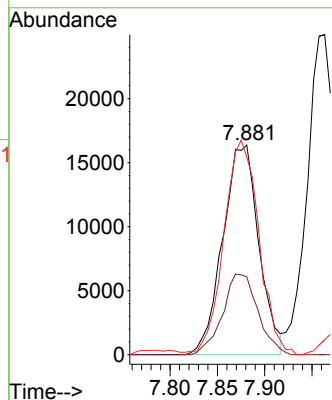
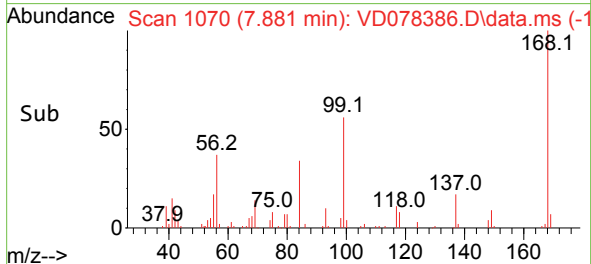


#31
Cyclohexane
Concen: 15.684 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD078386.D
Acq: 09 Feb 2024 13:43

Instrument :
MSVOA_D
ClientSampleId :
VD0209SBSD01

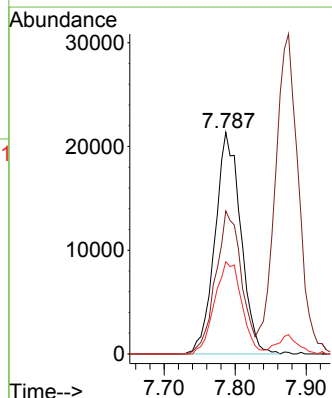
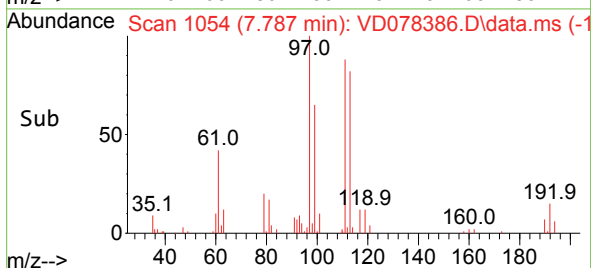
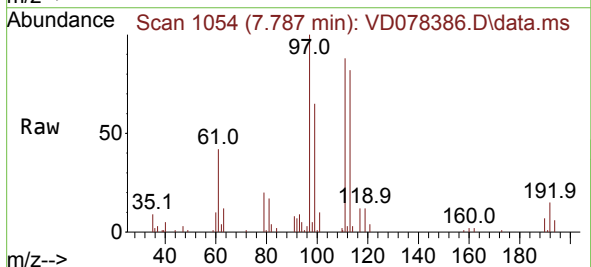


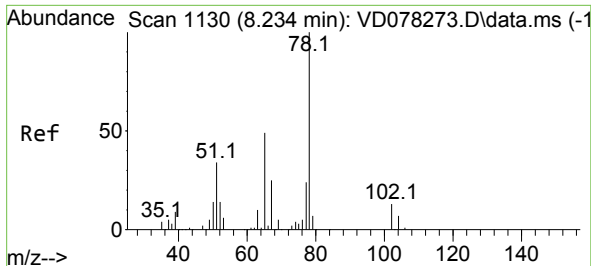
Tgt Ion: 56 Resp: 43426
Ion Ratio Lower Upper
56 100
69 37.2 28.6 43.0
84 93.2 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 19.139 ug/l
RT: 7.787 min Scan# 1054
Delta R.T. -0.006 min
Lab File: VD078386.D
Acq: 09 Feb 2024 13:43

Tgt Ion: 97 Resp: 53813
Ion Ratio Lower Upper
97 100
99 64.1 52.0 78.0
61 43.7 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 49.914 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD078386.D

Acq: 09 Feb 2024 13:43

Instrument :

MSVOA_D

ClientSampleId :

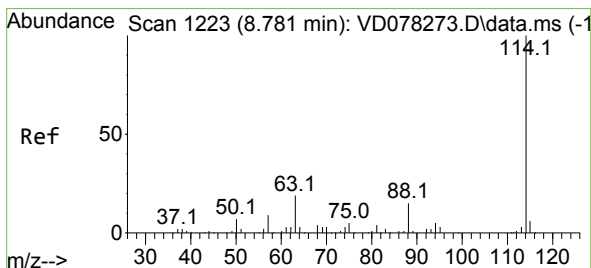
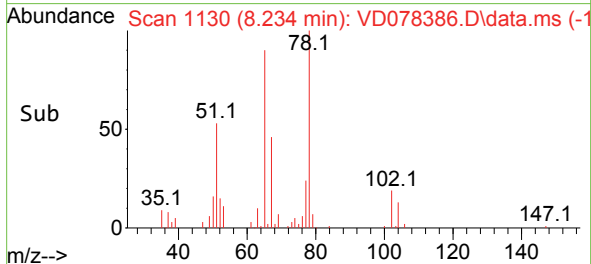
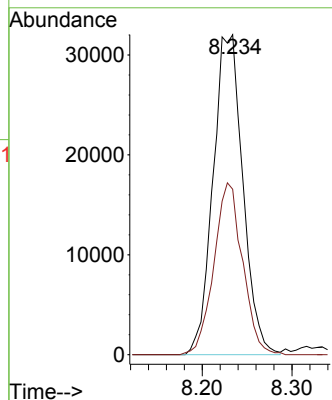
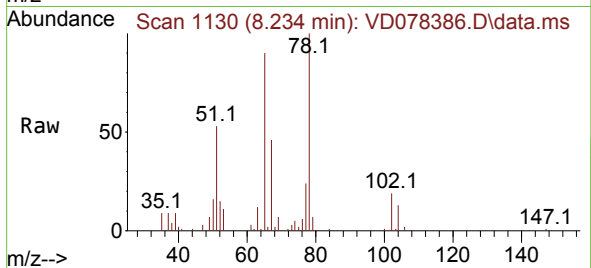
VD0209SBS01

Tgt Ion: 65 Resp: 73796

Ion Ratio Lower Upper

65 100

67 51.7 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: VD078386.D

Acq: 09 Feb 2024 13:43

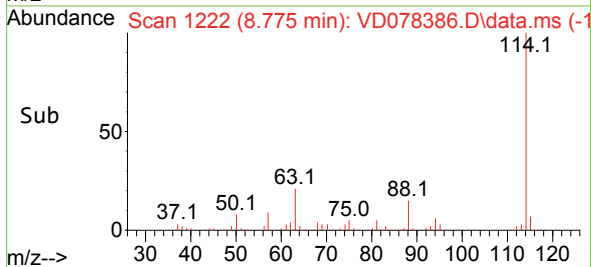
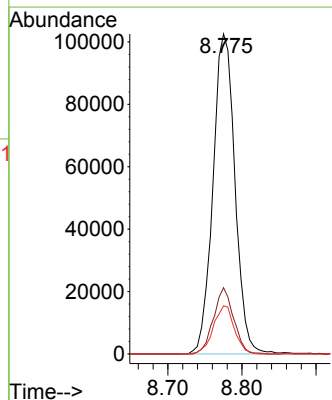
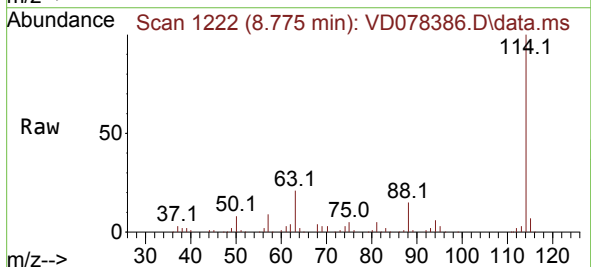
Tgt Ion: 114 Resp: 211368

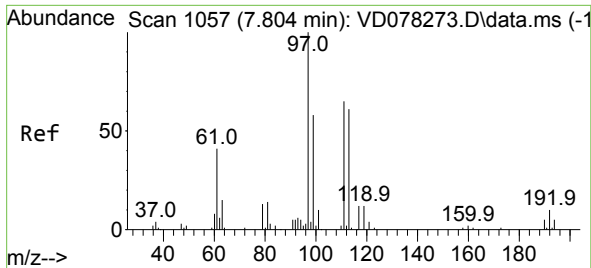
Ion Ratio Lower Upper

114 100

63 20.7 0.0 33.4

88 15.1 0.0 26.2

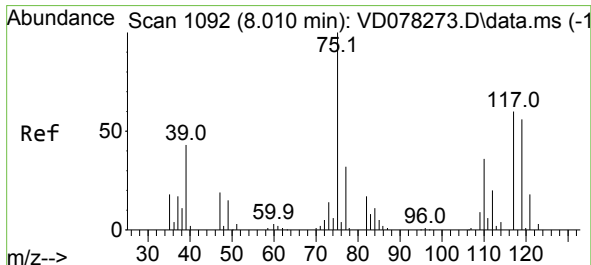
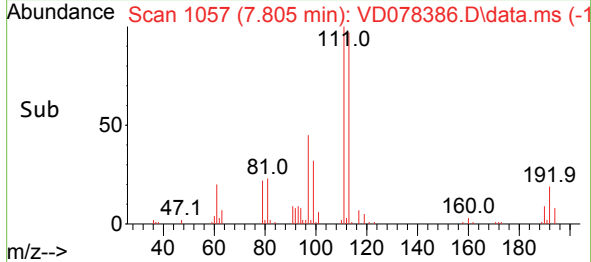
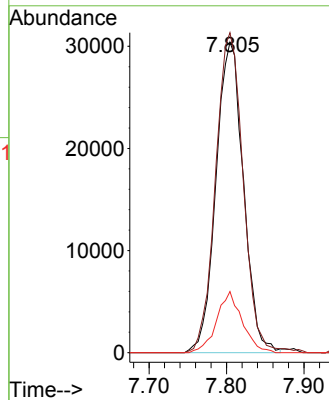
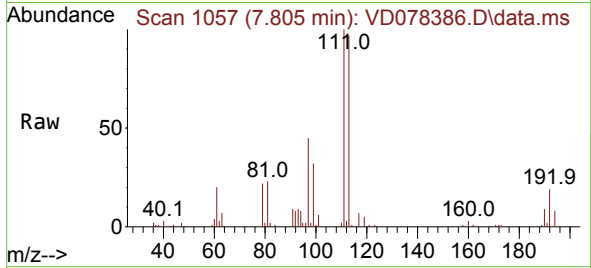




#35
Dibromofluoromethane
Concen: 49.724 ug/l
RT: 7.805 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VD078386.D
Acq: 09 Feb 2024 13:43

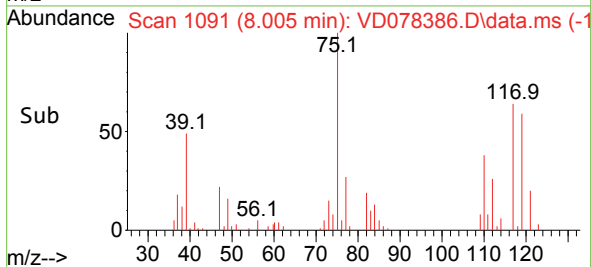
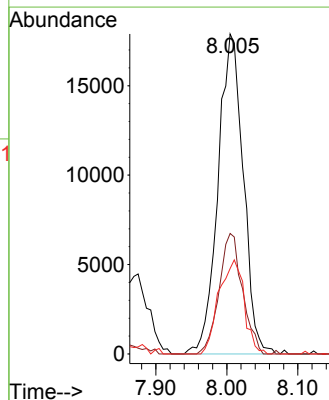
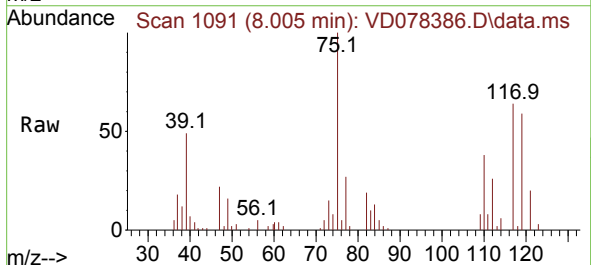
Instrument :
MSVOA_D
ClientSampleId :
VD0209SBS01

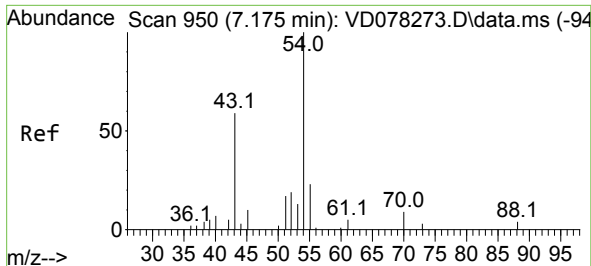
Tgt Ion:113 Resp: 74824
Ion Ratio Lower Upper
113 100
111 103.8 84.7 127.1
192 18.4 16.8 25.2



#36
1,1-Dichloropropene
Concen: 17.695 ug/l
RT: 8.005 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VD078386.D
Acq: 09 Feb 2024 13:43

Tgt Ion: 75 Resp: 44154
Ion Ratio Lower Upper
75 100
110 34.8 19.9 59.6
77 29.4 24.7 37.1





#37

Ethyl Acetate

Concen: 19.321 ug/l

RT: 7.169 min Scan# 949

Delta R.T. -0.006 min

Lab File: VD078386.D

Acq: 09 Feb 2024 13:43

Instrument :

MSVOA_D

ClientSampleId :

VD0209SBS01

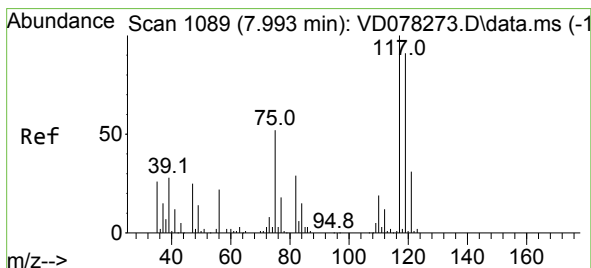
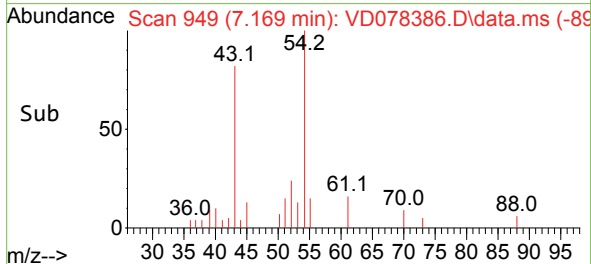
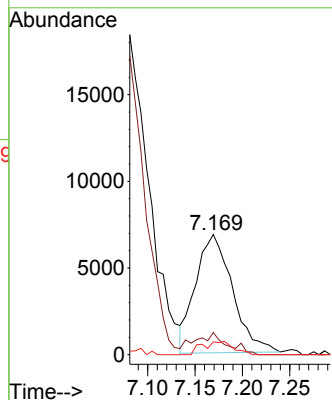
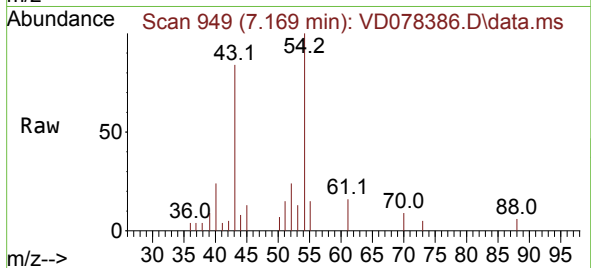
Tgt Ion: 43 Resp: 18556

Ion Ratio Lower Upper

43 100

61 16.5 14.9 22.3

70 6.5 10.0 15.0#



#38

Carbon Tetrachloride

Concen: 19.169 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD078386.D

Acq: 09 Feb 2024 13:43

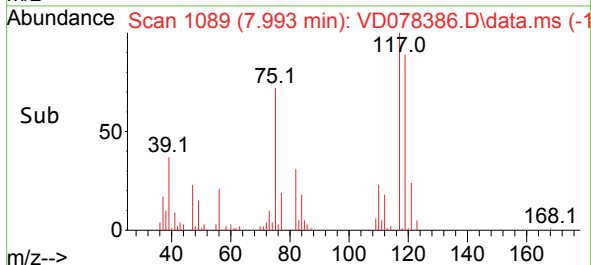
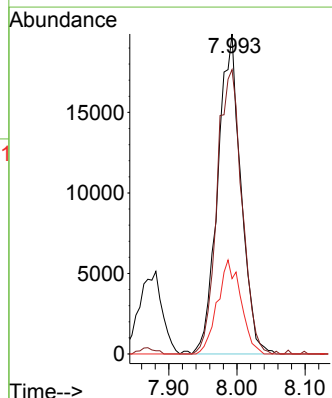
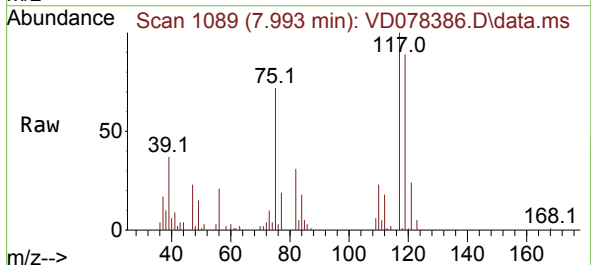
Tgt Ion: 117 Resp: 47031

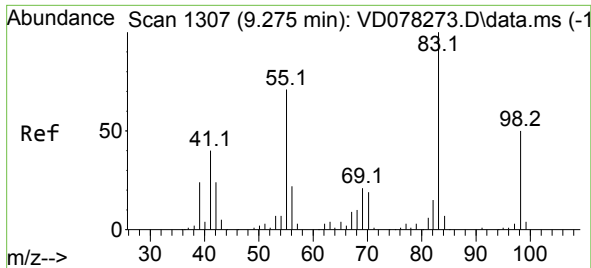
Ion Ratio Lower Upper

117 100

119 88.8 78.0 117.0

121 23.5 24.2 36.2#

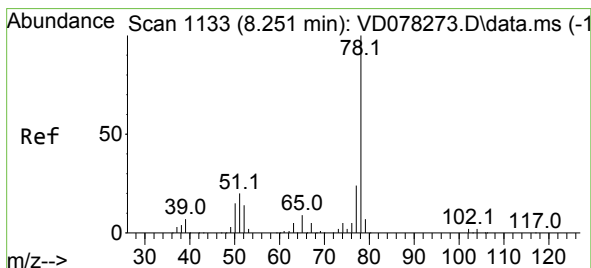
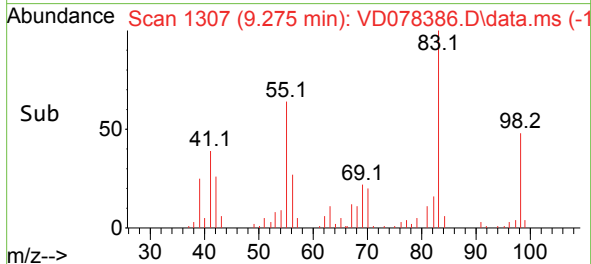
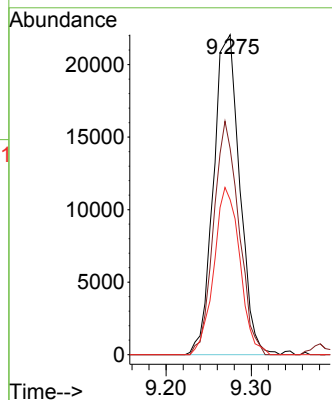
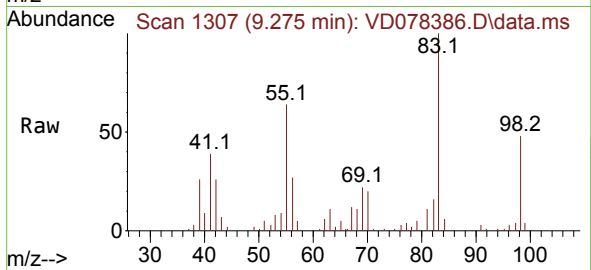




#39
Methylcyclohexane
Concen: 16.003 ug/l
RT: 9.275 min Scan# 11307
Delta R.T. 0.000 min
Lab File: VD078386.D
Acq: 09 Feb 2024 13:43

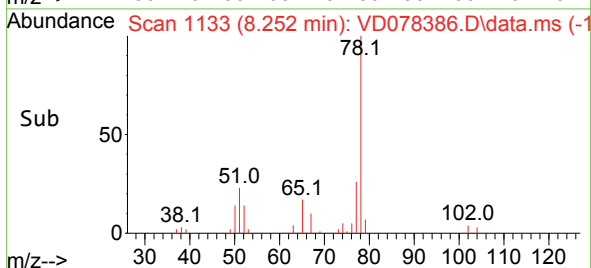
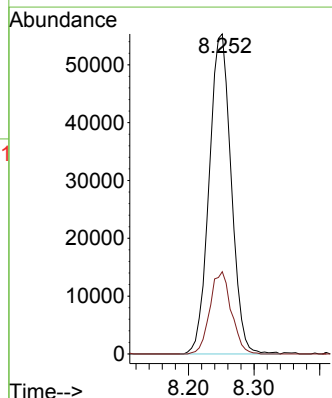
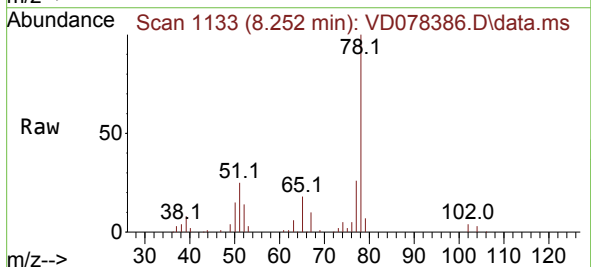
Instrument :
MSVOA_D
ClientSampleId :
VD0209SBSD01

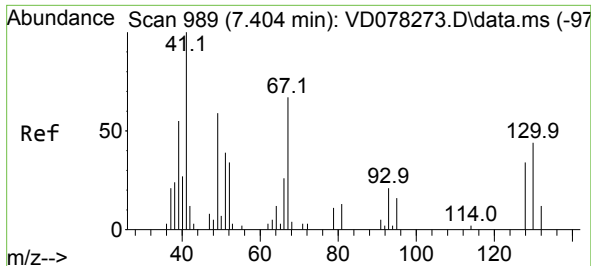
Tgt Ion: 83 Resp: 47213
Ion Ratio Lower Upper
83 100
55 64.5 49.4 74.0
98 48.5 38.4 57.6



#40
Benzene
Concen: 17.713 ug/l
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD078386.D
Acq: 09 Feb 2024 13:43

Tgt Ion: 78 Resp: 128962
Ion Ratio Lower Upper
78 100
77 25.7 19.4 29.0

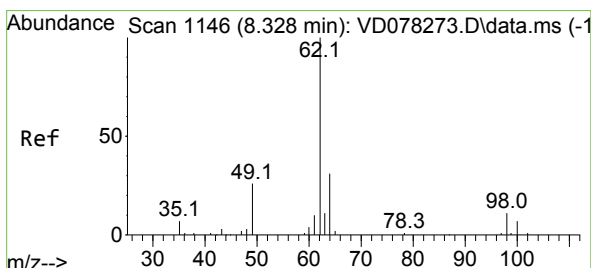
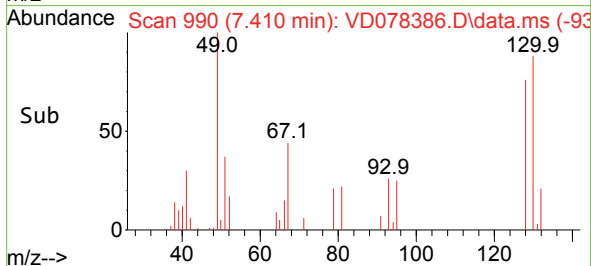
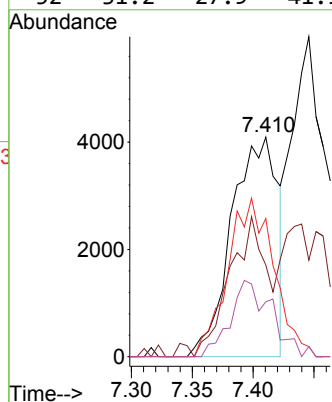
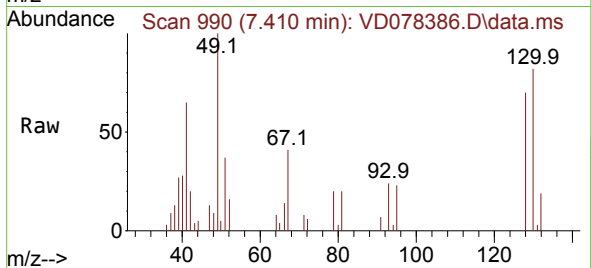




#41
Methacrylonitrile
Concen: 20.828 ug/l
RT: 7.410 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD078386.D
Acq: 09 Feb 2024 13:43

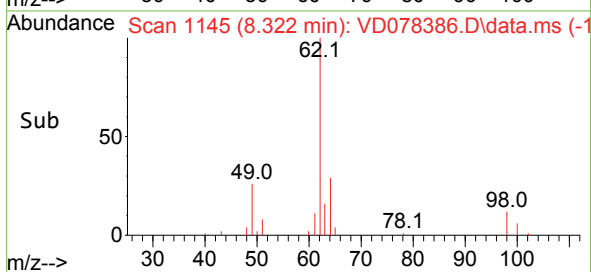
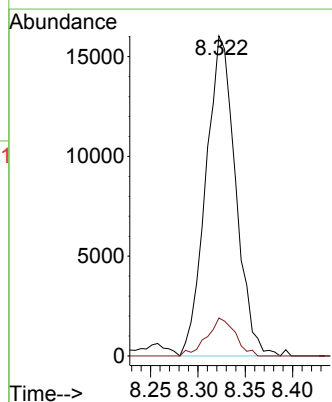
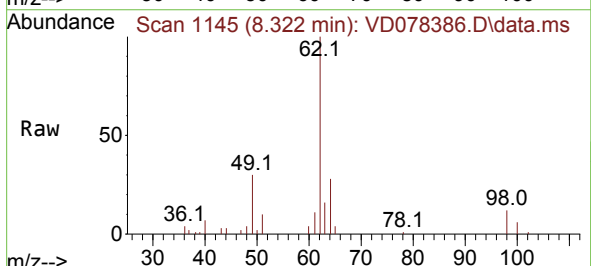
Instrument :
MSVOA_D
ClientSampleId :
VD0209SBSD01

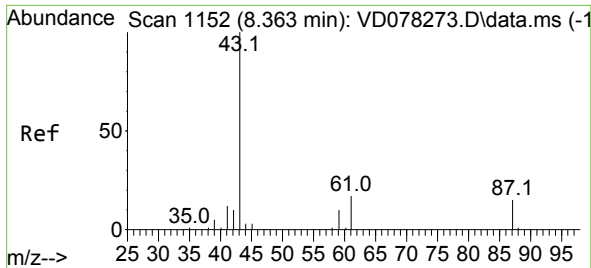
Tgt Ion:	41	Resp:	10754
Ion	Ratio	Lower	Upper
41	100		
39	50.4	34.0	51.0
67	72.3	77.0	115.4#
52	31.2	27.9	41.9



#42
1,2-Dichloroethane
Concen: 18.582 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD078386.D
Acq: 09 Feb 2024 13:43

Tgt Ion:	62	Resp:	35089
Ion	Ratio	Lower	Upper
62	100		
98	11.3	0.0	25.4

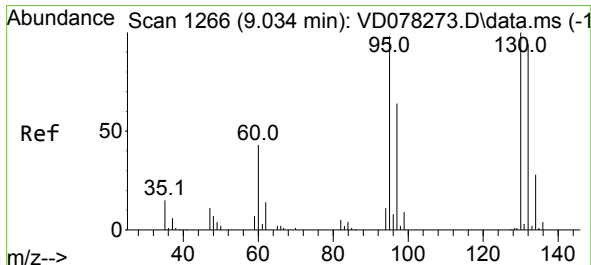
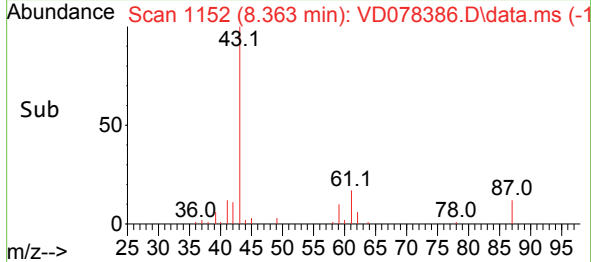
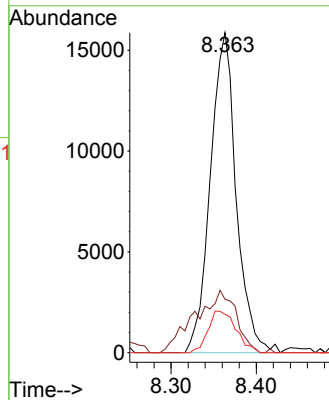
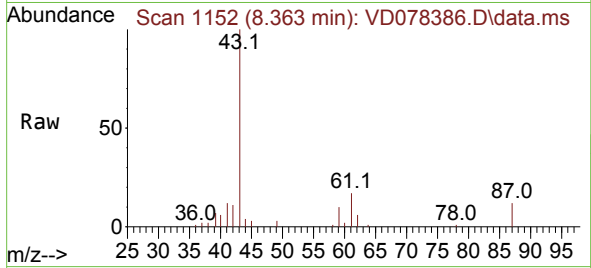




#43
Isopropyl Acetate
Concen: 19.474 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD078386.D
Acq: 09 Feb 2024 13:43

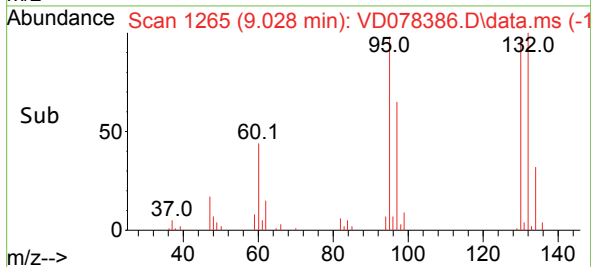
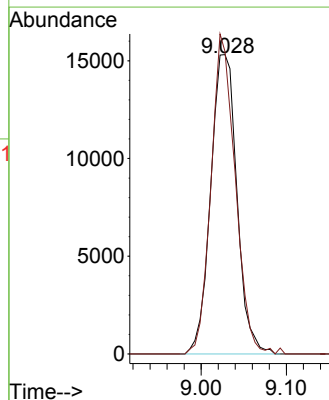
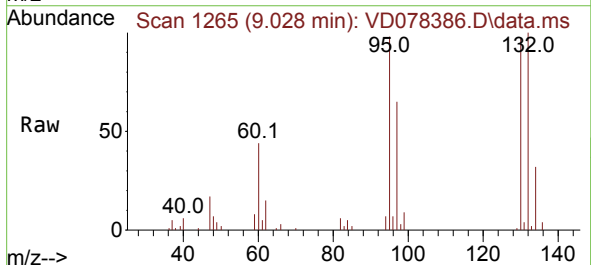
Instrument :
MSVOA_D
ClientSampleId :
VD0209SBSD01

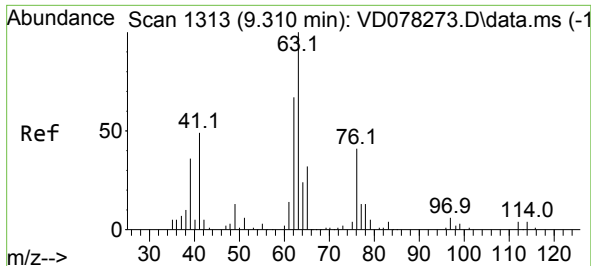
Tgt Ion: 43 Resp: 33533
Ion Ratio Lower Upper
43 100
61 30.8 31.4 47.0#
87 14.1 14.9 22.3#



#44
Trichloroethene
Concen: 18.331 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.006 min
Lab File: VD078386.D
Acq: 09 Feb 2024 13:43

Tgt Ion:130 Resp: 32773
Ion Ratio Lower Upper
130 100
95 101.0 0.0 179.2





#45

1,2-Dichloropropane

Concen: 18.156 ug/l

RT: 9.299 min Scan# 11

Delta R.T. -0.012 min

Lab File: VD078386.D

Acq: 09 Feb 2024 13:43

Instrument :

MSVOA_D

ClientSampleId :

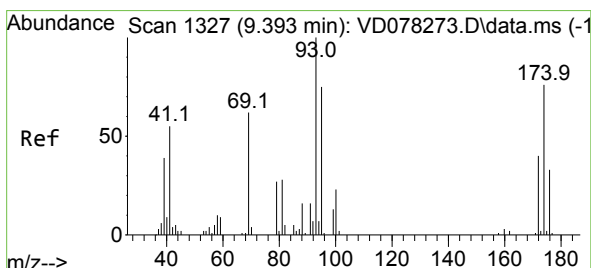
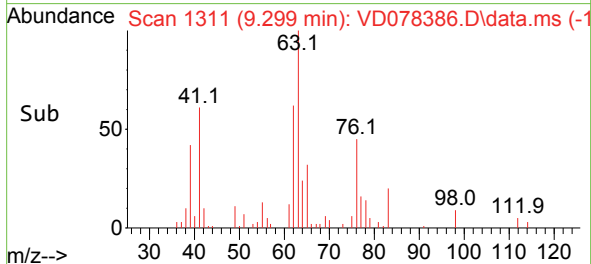
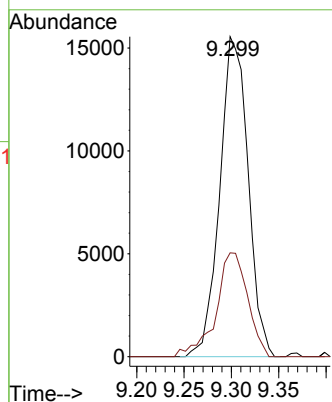
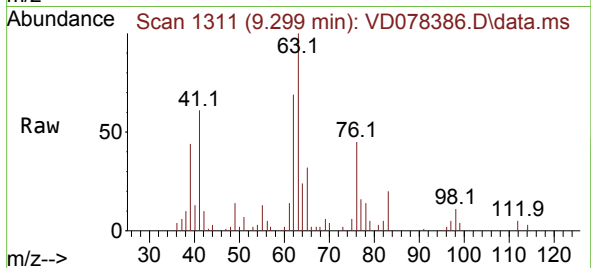
VD0209SBSD01

Tgt Ion: 63 Resp: 32320

Ion Ratio Lower Upper

63 100

65 32.4 24.5 36.7



#46

Dibromomethane

Concen: 18.779 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD078386.D

Acq: 09 Feb 2024 13:43

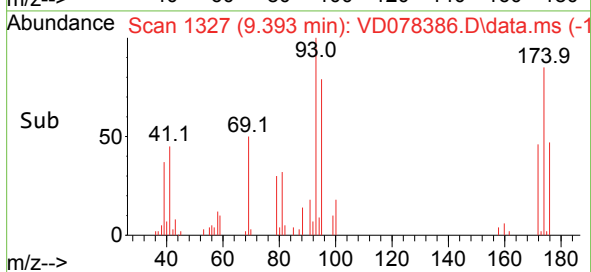
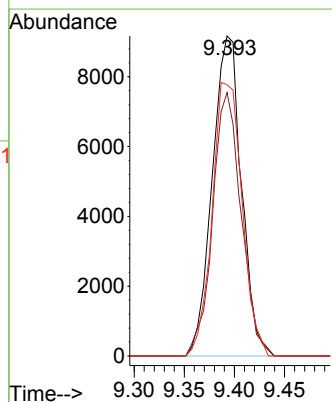
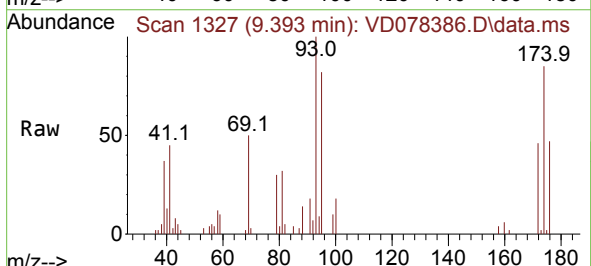
Tgt Ion: 93 Resp: 18548

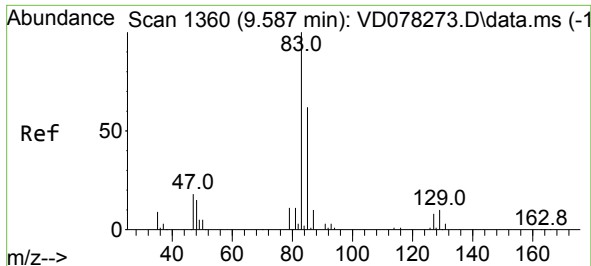
Ion Ratio Lower Upper

93 100

95 80.6 67.7 101.5

174 87.4 85.4 128.2

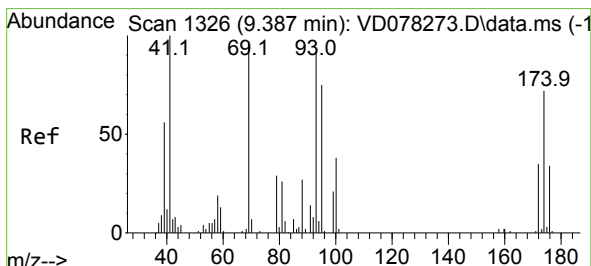
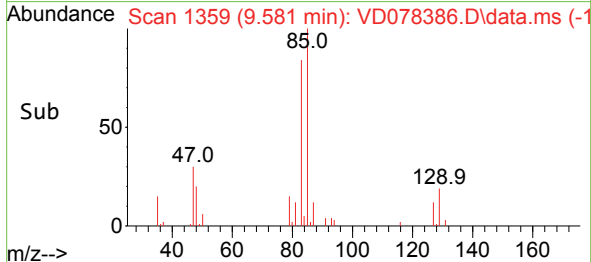
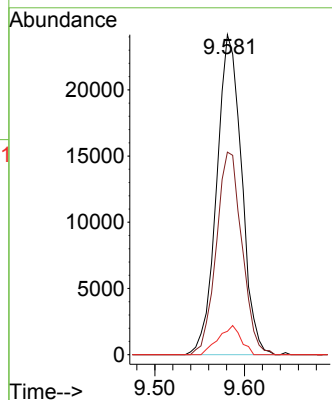
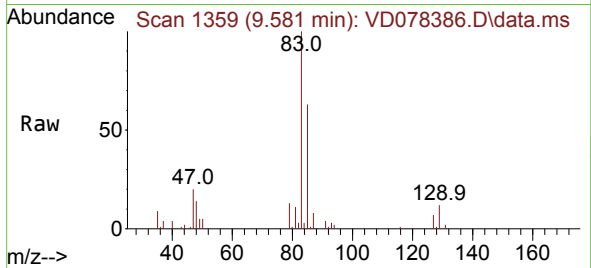




#47
Bromodichloromethane
Concen: 19.207 ug/l
RT: 9.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078386.D
Acq: 09 Feb 2024 13:43

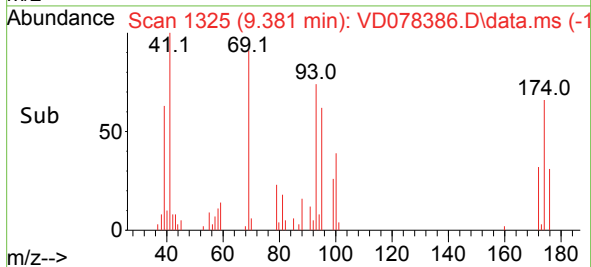
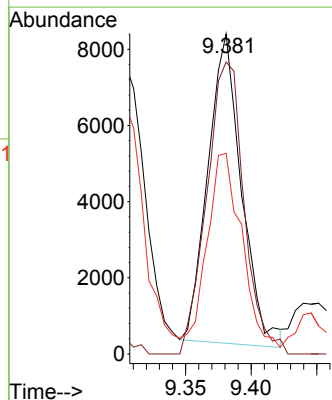
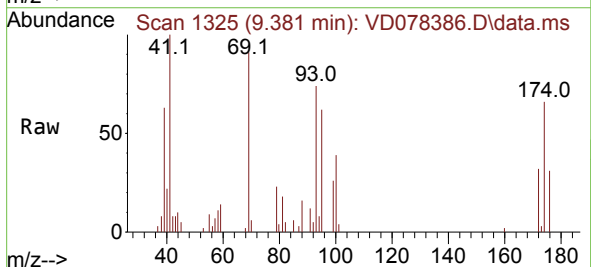
Instrument :
MSVOA_D
ClientSampleId :
VD0209SBSD01

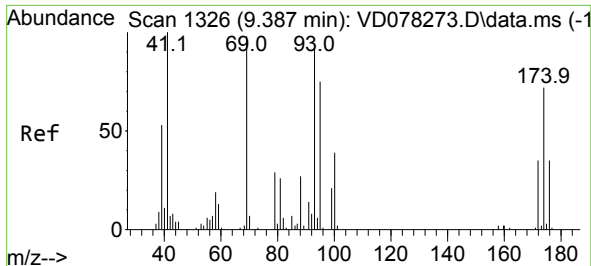
Tgt Ion: 83 Resp: 46675
Ion Ratio Lower Upper
83 100
85 63.3 50.2 75.4
127 7.3 6.3 9.5



#48
Methyl methacrylate
Concen: 17.567 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.006 min
Lab File: VD078386.D
Acq: 09 Feb 2024 13:43

Tgt Ion: 41 Resp: 14455
Ion Ratio Lower Upper
41 100
69 105.1 102.2 153.2
39 63.9 41.4 62.2#





#49

1,4-Dioxane

Concen: 374.020 ug/l

RT: 9.387 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078386.D

Acq: 09 Feb 2024 13:43

Instrument :

MSVOA_D

ClientSampleId :

VD0209SBSD01

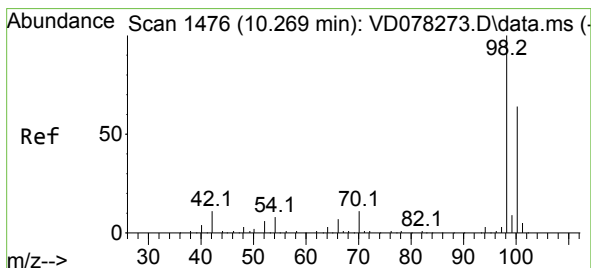
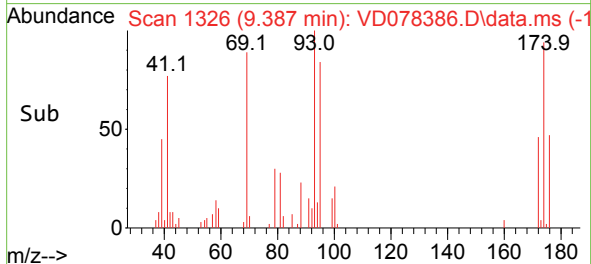
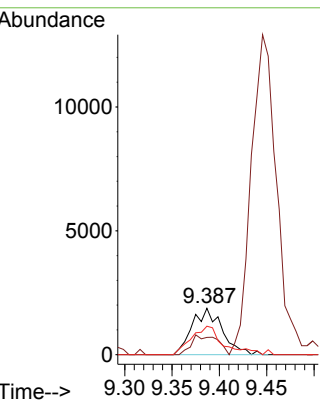
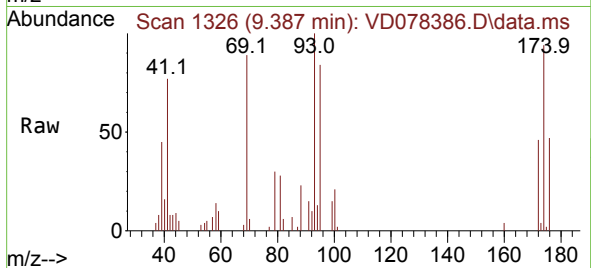
Tgt Ion: 88 Resp: 4144

Ion Ratio Lower Upper

88 100

43 36.4 19.0 28.6#

58 63.8 43.5 65.3



#50

Toluene-d8

Concen: 48.621 ug/l

RT: 10.263 min Scan# 1475

Delta R.T. -0.006 min

Lab File: VD078386.D

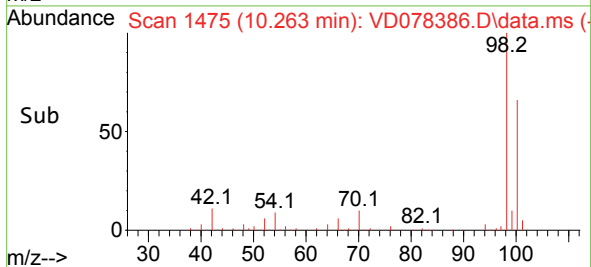
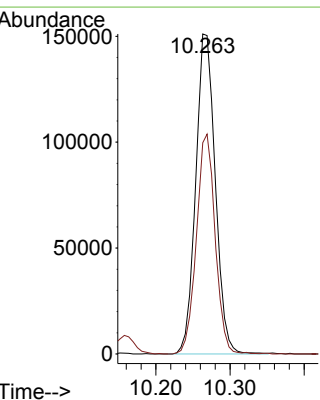
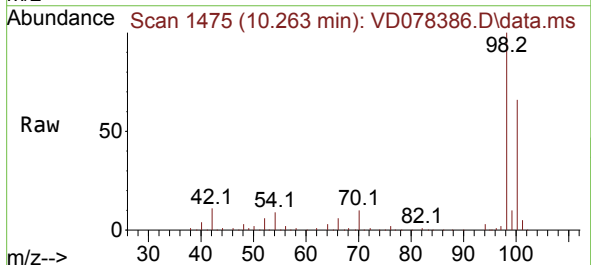
Acq: 09 Feb 2024 13:43

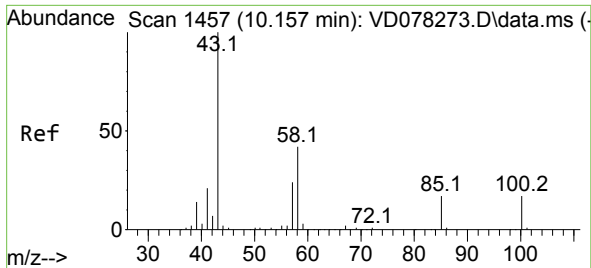
Tgt Ion: 98 Resp: 277006

Ion Ratio Lower Upper

98 100

100 65.9 50.3 75.5

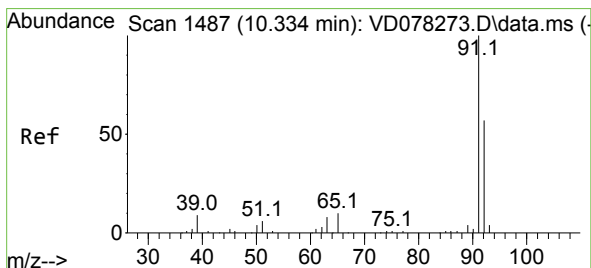
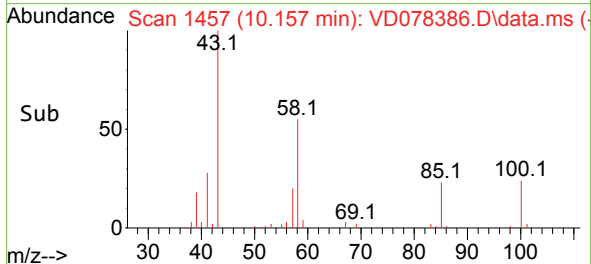
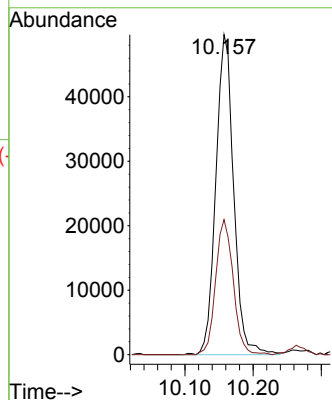
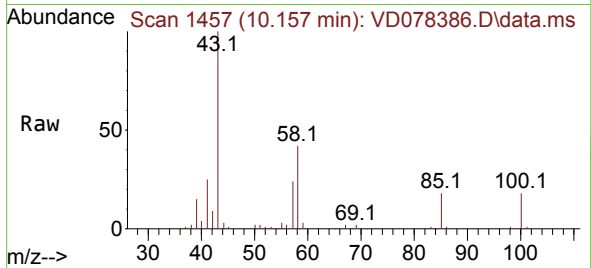




#51
4-Methyl-2-Pentanone
Concen: 97.077 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD078386.D
Acq: 09 Feb 2024 13:43

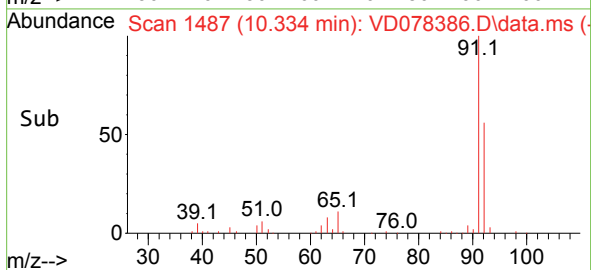
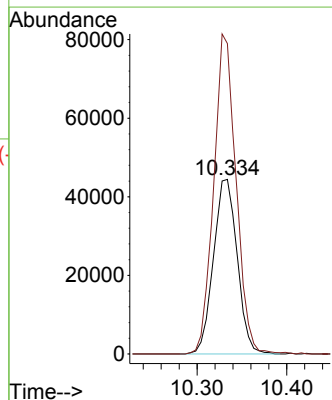
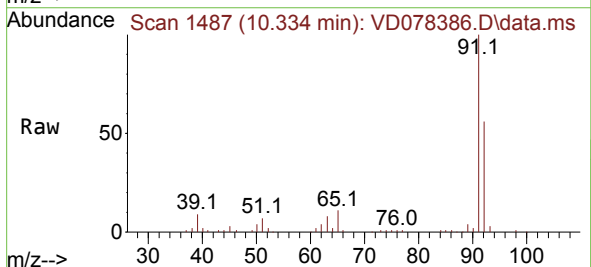
Instrument :
MSVOA_D
ClientSampleId :
VD0209SBSD01

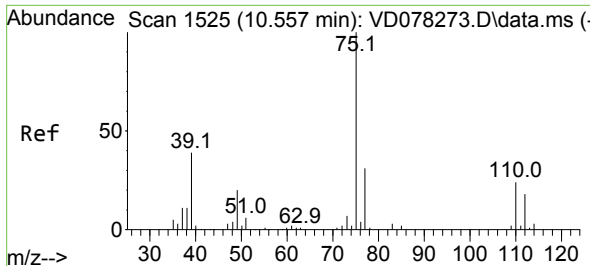
Tgt Ion: 43 Resp: 90430
Ion Ratio Lower Upper
43 100
58 41.6 38.9 58.3



#52
Toluene
Concen: 18.483 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078386.D
Acq: 09 Feb 2024 13:43

Tgt Ion: 92 Resp: 81624
Ion Ratio Lower Upper
92 100
91 172.8 143.0 214.4

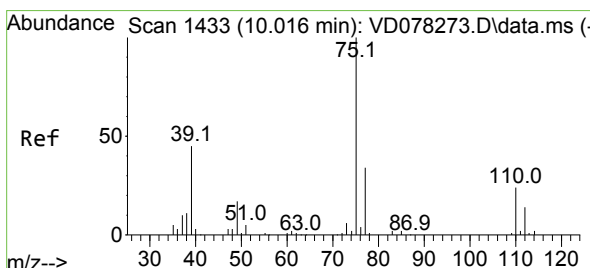
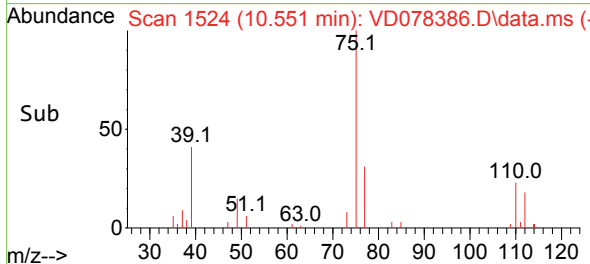
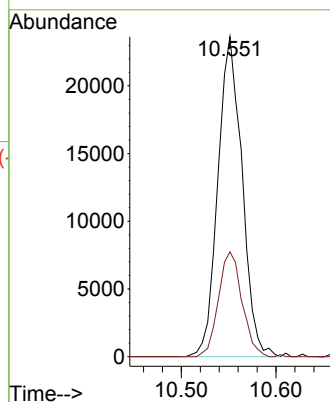
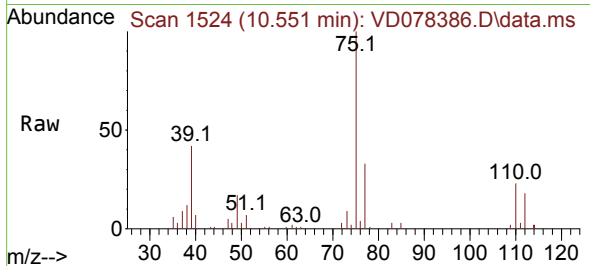




#53
 t-1,3-Dichloropropene
 Concen: 18.471 ug/l
 RT: 10.551 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VD078386.D
 Acq: 09 Feb 2024 13:43

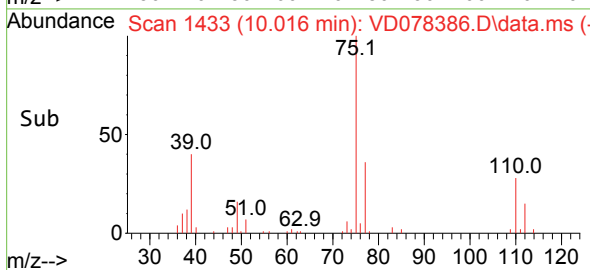
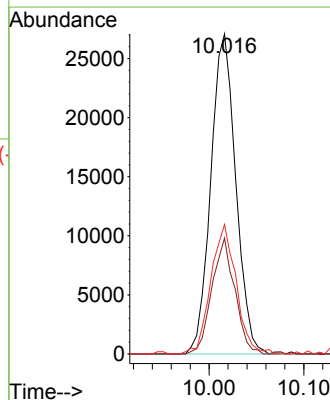
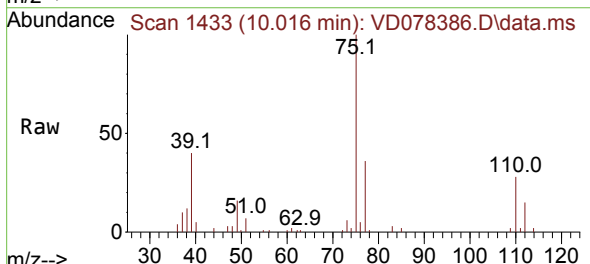
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0209SBS01

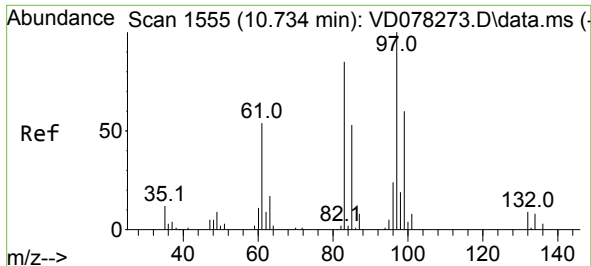
Tgt Ion: 75 Resp: 41925
 Ion Ratio Lower Upper
 75 100
 77 32.7 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 18.514 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD078386.D
 Acq: 09 Feb 2024 13:43

Tgt Ion: 75 Resp: 49750
 Ion Ratio Lower Upper
 75 100
 77 36.2 25.5 38.3
 39 40.5 22.1 33.1#

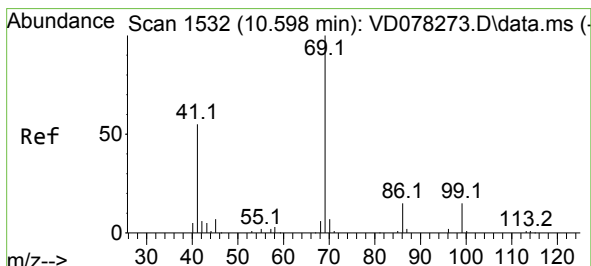
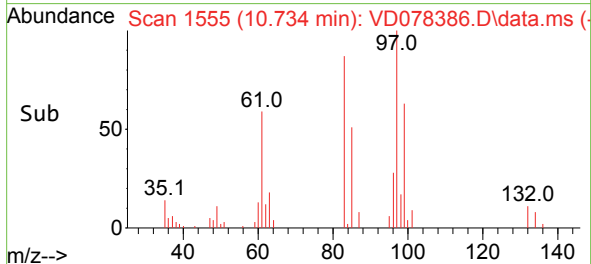
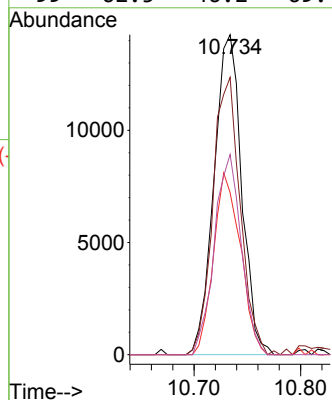
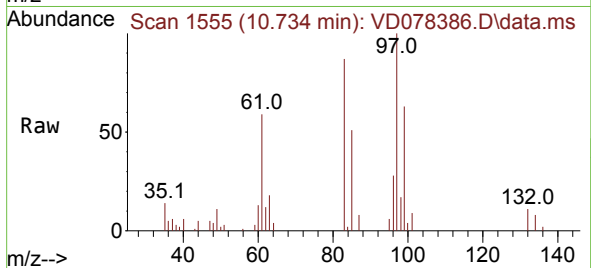




#55
1,1,2-Trichloroethane
Concen: 19.945 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD078386.D
Acq: 09 Feb 2024 13:43

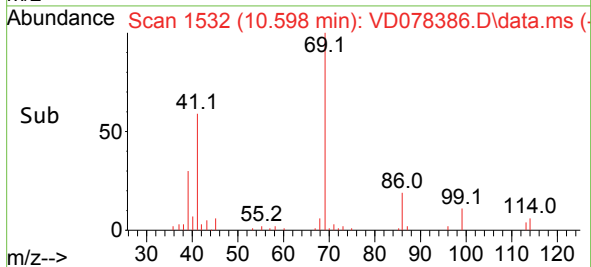
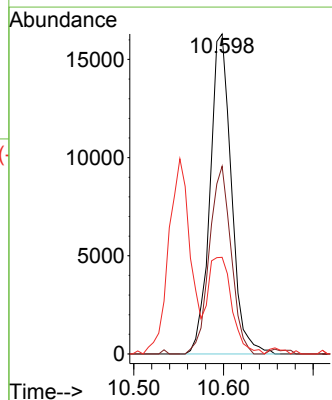
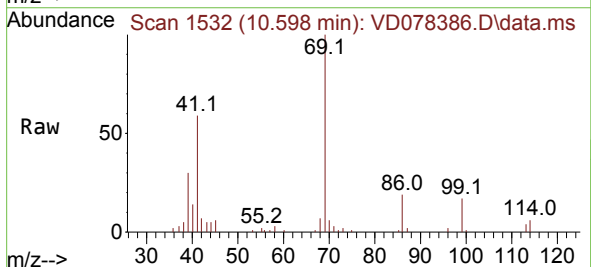
Instrument :
MSVOA_D
ClientSampleId :
VD0209SBSD01

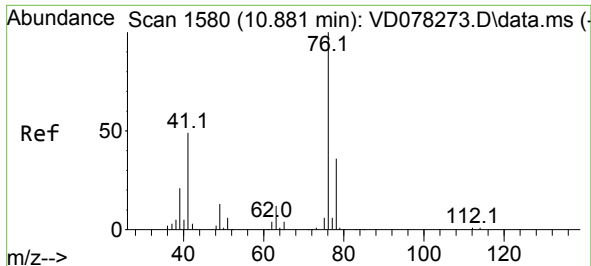
Tgt Ion:	97	Resp:	25707
Ion	Ratio	Lower	Upper
97	100		
83	86.6	65.8	98.6
85	50.6	45.7	68.5
99	62.5	46.2	69.4



#56
Ethyl methacrylate
Concen: 18.451 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD078386.D
Acq: 09 Feb 2024 13:43

Tgt Ion:	69	Resp:	26974
Ion	Ratio	Lower	Upper
69	100		
41	59.5	39.1	58.7#
39	33.7	20.0	30.0#





#57

1,3-Dichloropropane

Concen: 18.575 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD078386.D

Acq: 09 Feb 2024 13:43

Instrument :

MSVOA_D

ClientSampleId :

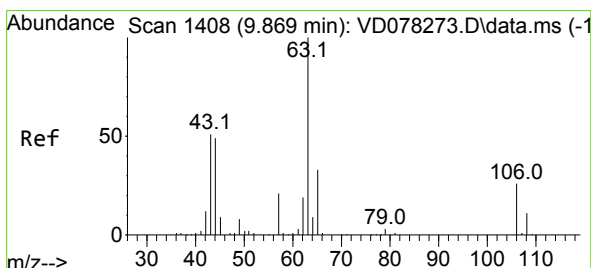
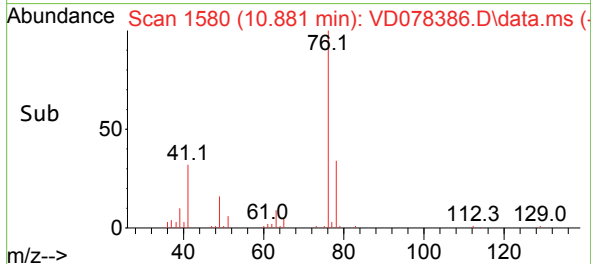
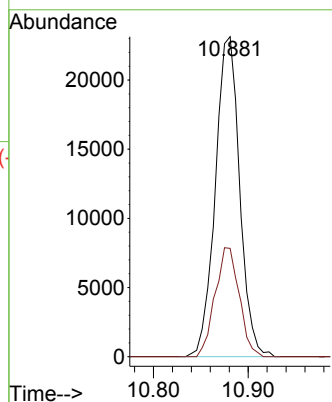
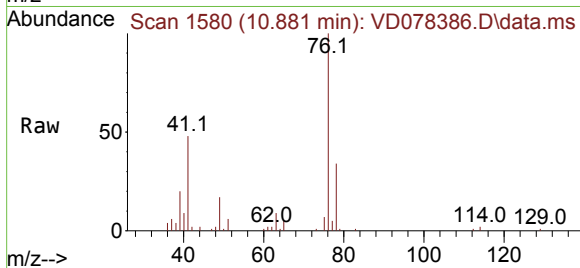
VD0209SBSD01

Tgt Ion: 76 Resp: 41281

Ion Ratio Lower Upper

76 100

78 33.8 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 89.064 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD078386.D

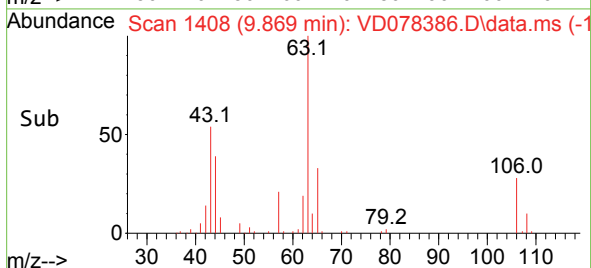
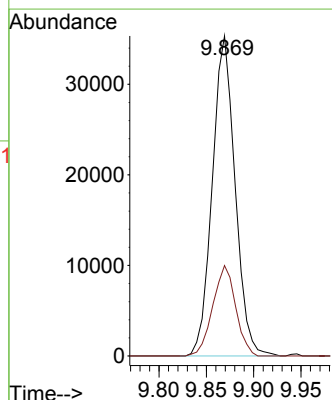
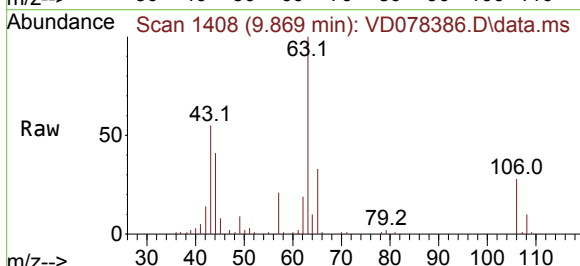
Acq: 09 Feb 2024 13:43

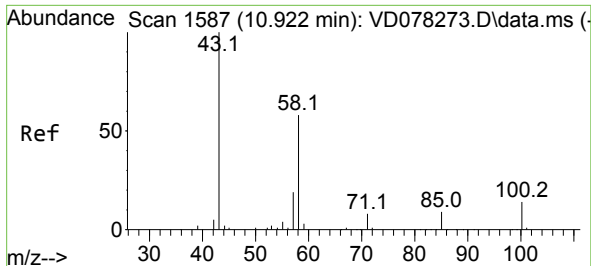
Tgt Ion: 63 Resp: 59213

Ion Ratio Lower Upper

63 100

106 28.4 25.3 37.9

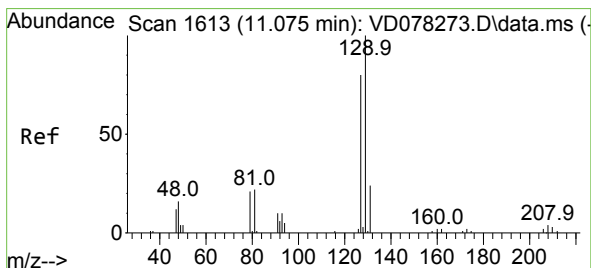
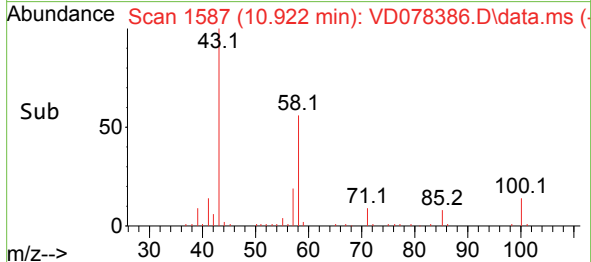
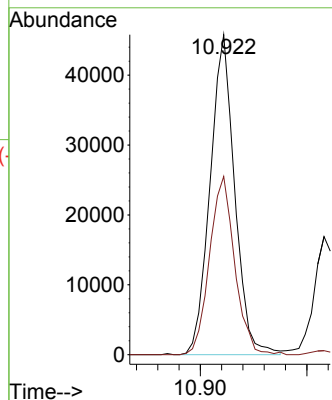
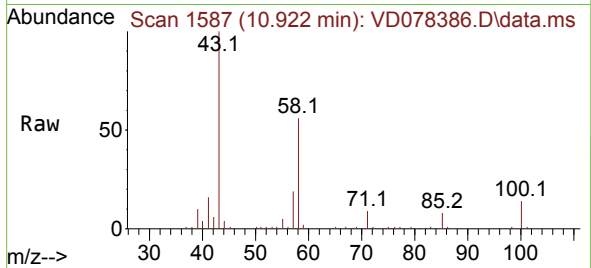




#59
2-Hexanone
Concen: 104.668 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078386.D
Acq: 09 Feb 2024 13:43

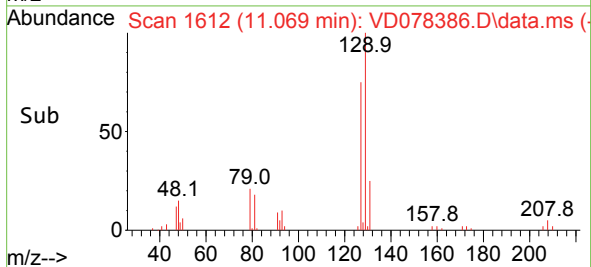
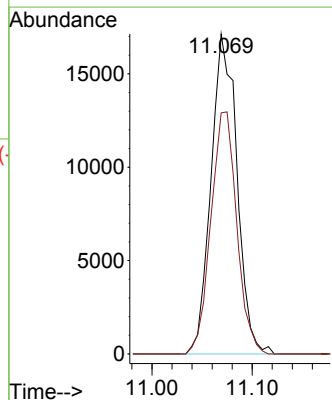
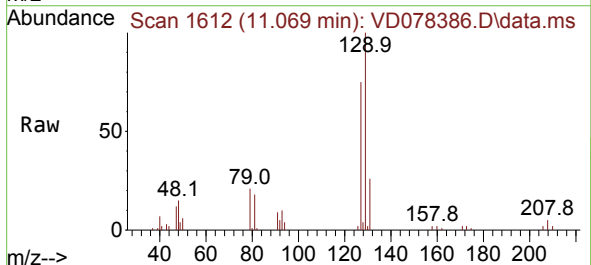
Instrument :
MSVOA_D
ClientSampleId :
VD0209SBSD01

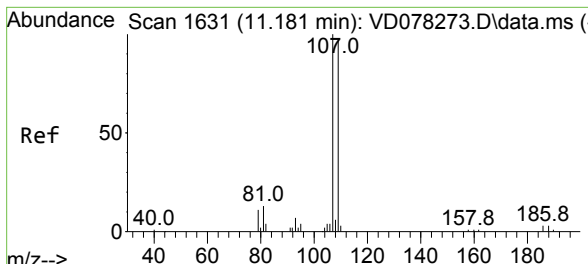
Tgt Ion: 43 Resp: 73431
Ion Ratio Lower Upper
43 100
58 57.0 34.1 102.2



#60
Dibromochloromethane
Concen: 20.582 ug/l
RT: 11.069 min Scan# 1612
Delta R.T. -0.006 min
Lab File: VD078386.D
Acq: 09 Feb 2024 13:43

Tgt Ion: 129 Resp: 30795
Ion Ratio Lower Upper
129 100
127 75.5 37.1 111.5

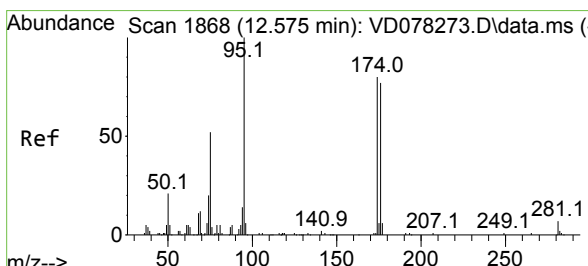
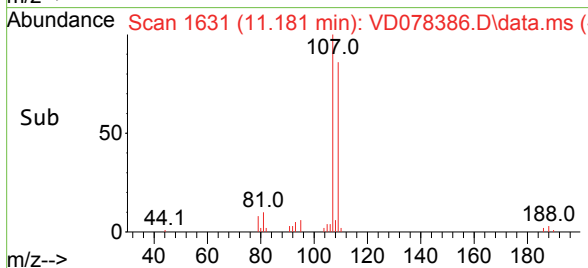
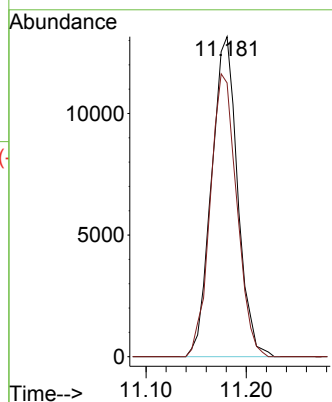
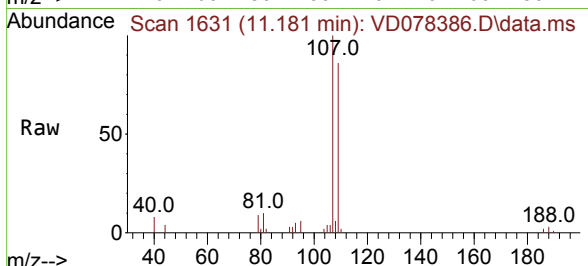




#61
 1,2-Dibromoethane
 Concen: 19.478 ug/l
 RT: 11.181 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VD078386.D
 Acq: 09 Feb 2024 13:43

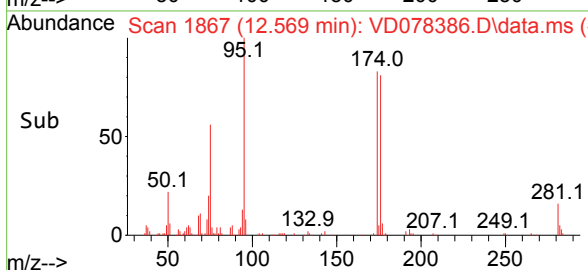
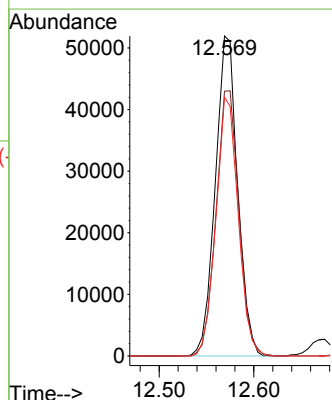
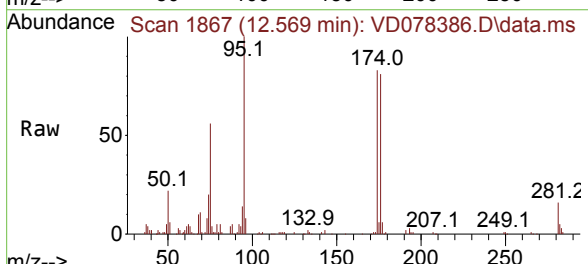
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0209SBSD01

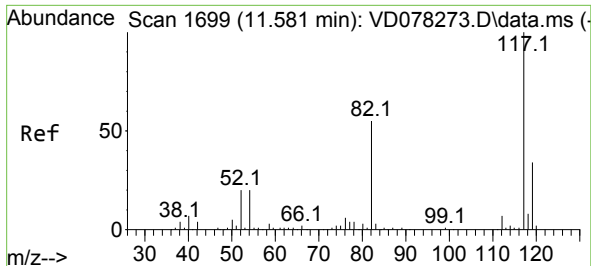
Tgt Ion:	107	Resp:	23703
Ion Ratio	Lower	Upper	
107	100		
109	90.1	75.6	113.4



#62
 4-Bromofluorobenzene
 Concen: 49.957 ug/l
 RT: 12.569 min Scan# 1867
 Delta R.T. -0.006 min
 Lab File: VD078386.D
 Acq: 09 Feb 2024 13:43

Tgt Ion:	95	Resp:	85234
Ion Ratio	Lower	Upper	
95	100		
174	84.6	0.0	201.8
176	80.2	0.0	191.8

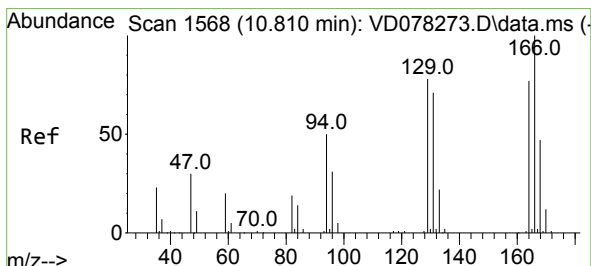
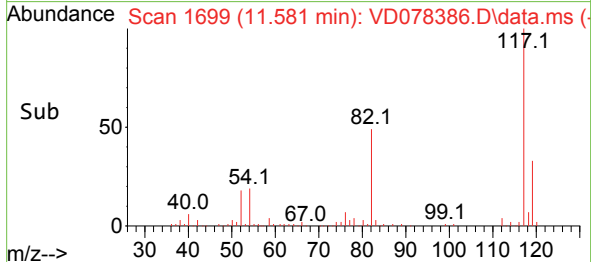
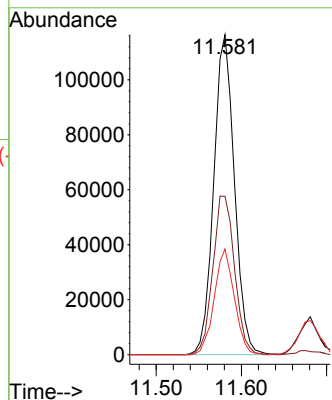
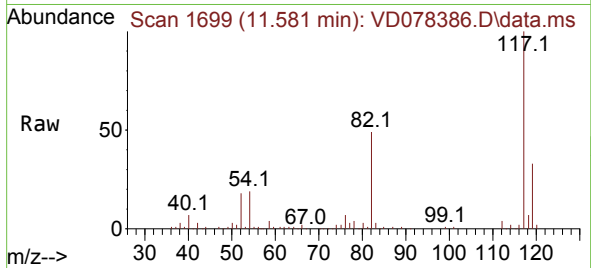




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD078386.D
Acq: 09 Feb 2024 13:43

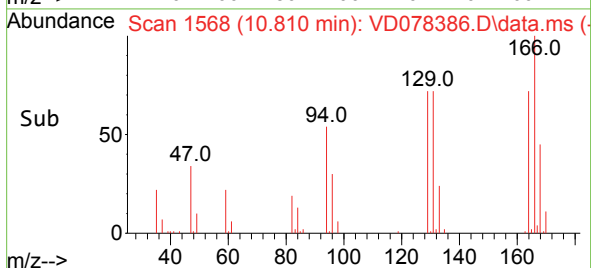
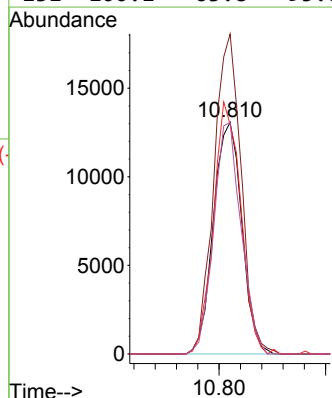
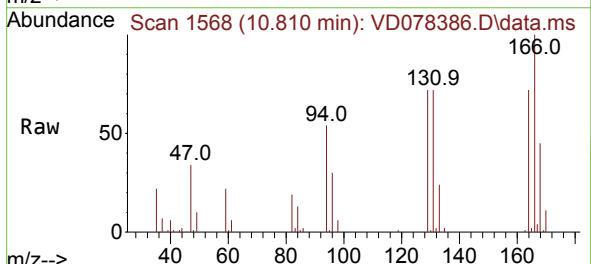
Instrument :
MSVOA_D
ClientSampleId :
VD0209SBSD01

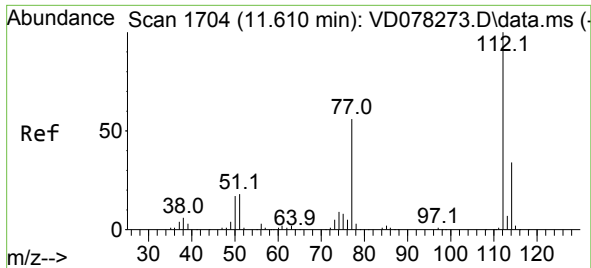
Tgt Ion:117 Resp: 196416
Ion Ratio Lower Upper
117 100
82 49.5 38.3 57.5
119 33.0 25.0 37.4



#64
Tetrachloroethene
Concen: 17.662 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD078386.D
Acq: 09 Feb 2024 13:43

Tgt Ion:164 Resp: 24196
Ion Ratio Lower Upper
164 100
166 138.1 99.2 148.8
129 99.0 68.4 102.6
131 100.1 63.8 95.8#

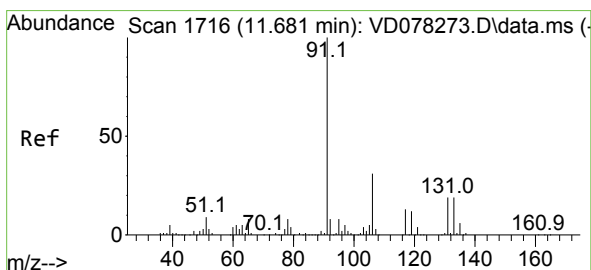
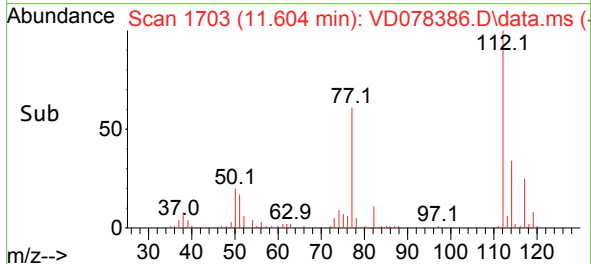
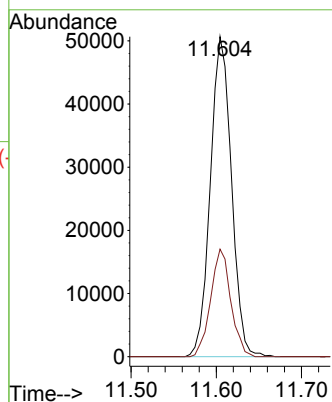
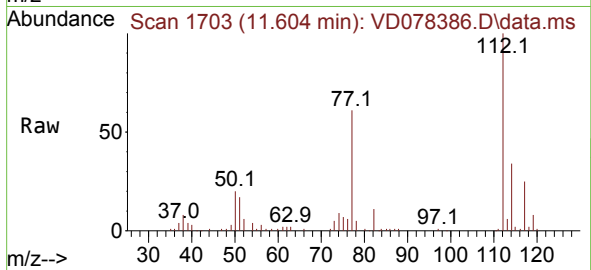




#65
Chlorobenzene
Concen: 18.611 ug/l
RT: 11.604 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078386.D
Acq: 09 Feb 2024 13:43

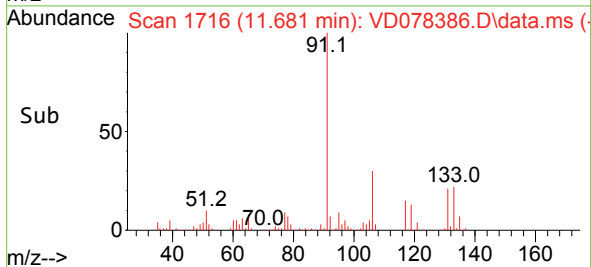
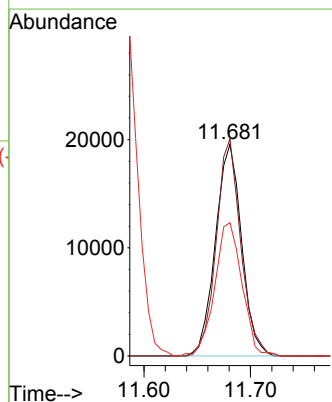
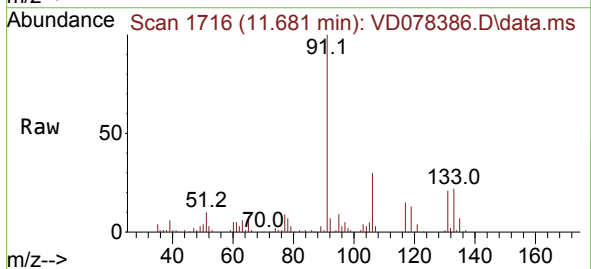
Instrument :
MSVOA_D
ClientSampleId :
VD0209SBSD01

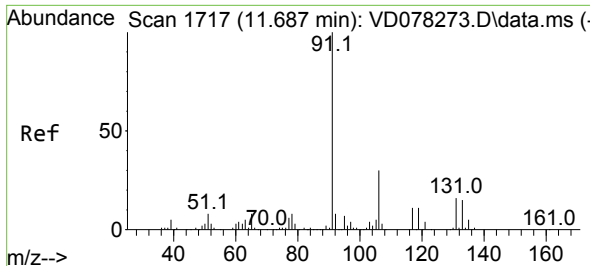
Tgt Ion:112 Resp: 87453
Ion Ratio Lower Upper
112 100
114 33.6 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 19.884 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078386.D
Acq: 09 Feb 2024 13:43

Tgt Ion:131 Resp: 33268
Ion Ratio Lower Upper
131 100
133 96.4 48.5 145.5
119 65.8 35.6 106.9

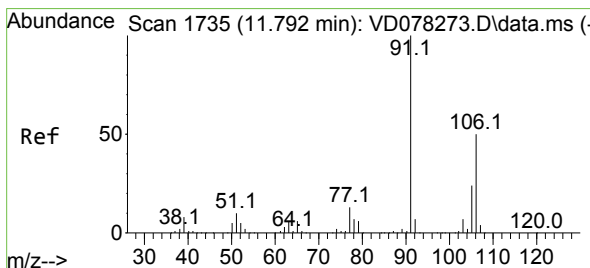
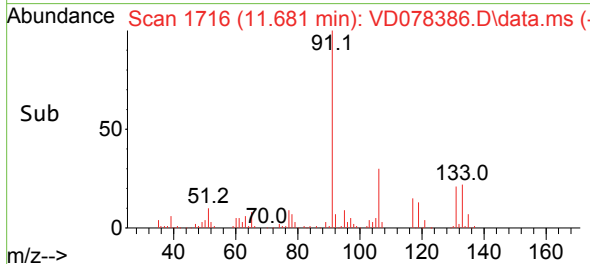
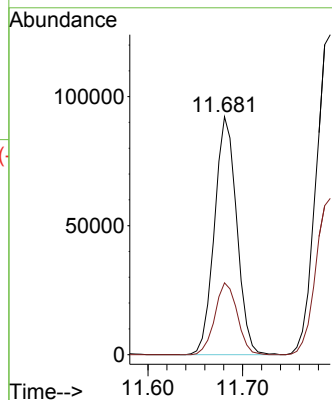
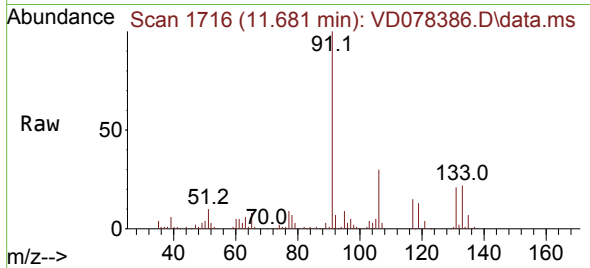




#67
Ethyl Benzene
Concen: 17.696 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD078386.D
Acq: 09 Feb 2024 13:43

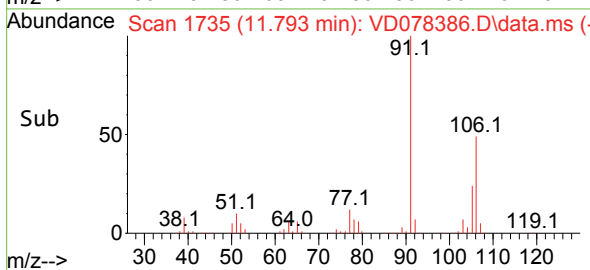
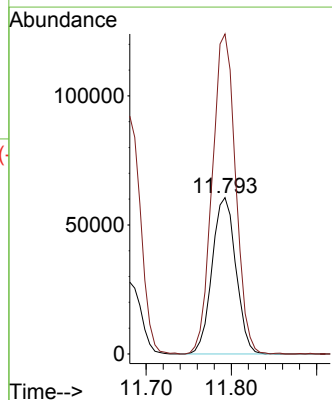
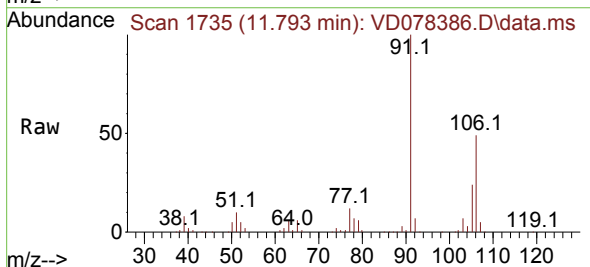
Instrument :
MSVOA_D
ClientSampleId :
VD0209SBS01

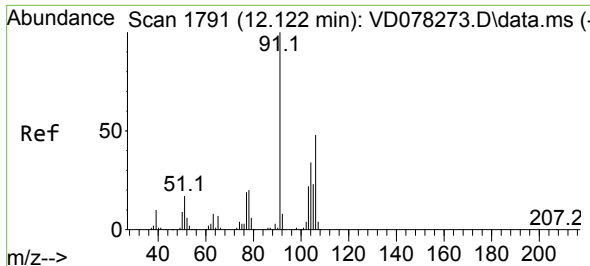
Tgt Ion: 91 Resp: 150625
Ion Ratio Lower Upper
91 100
106 30.2 26.5 39.7



#68
m/p-Xylenes
Concen: 35.871 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD078386.D
Acq: 09 Feb 2024 13:43

Tgt Ion:106 Resp: 117468
Ion Ratio Lower Upper
106 100
91 201.0 147.0 220.6

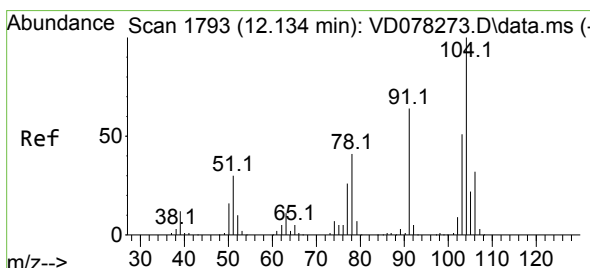
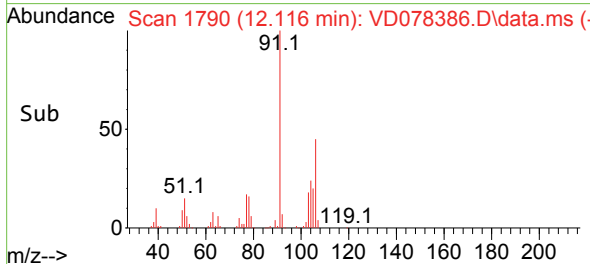
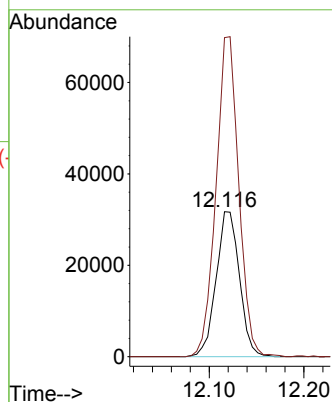
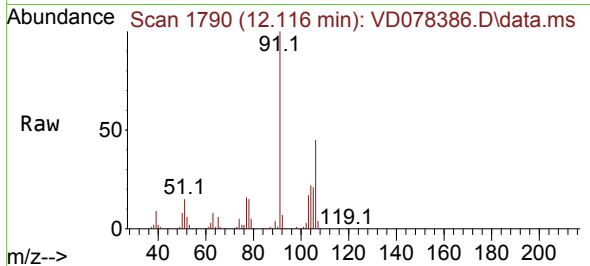




#69
o-Xylene
Concen: 18.023 ug/l
RT: 12.116 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VD078386.D
Acq: 09 Feb 2024 13:43

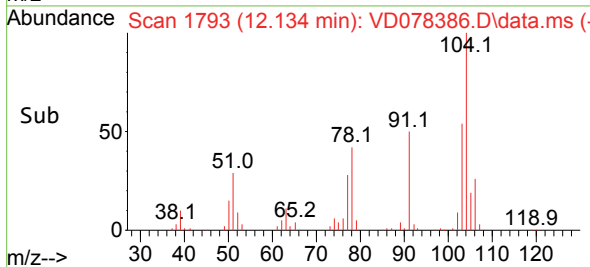
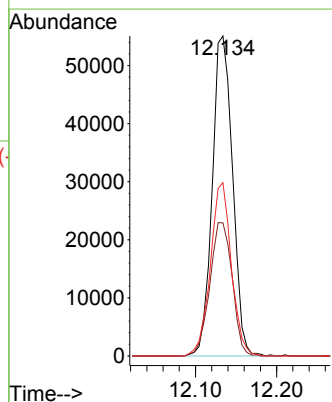
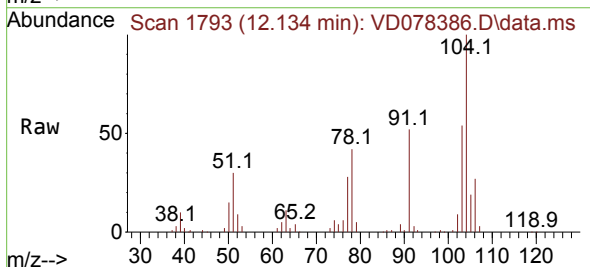
Instrument :
MSVOA_D
ClientSampleId :
VD0209SBSD01

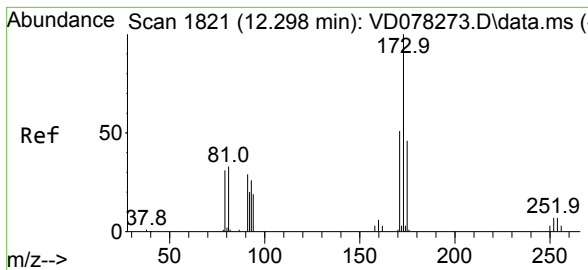
Tgt Ion:106 Resp: 54240
Ion Ratio Lower Upper
106 100
91 216.0 97.9 293.6



#70
Styrene
Concen: 18.663 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD078386.D
Acq: 09 Feb 2024 13:43

Tgt Ion:104 Resp: 95917
Ion Ratio Lower Upper
104 100
78 45.8 33.2 49.8
103 55.8 43.6 65.4

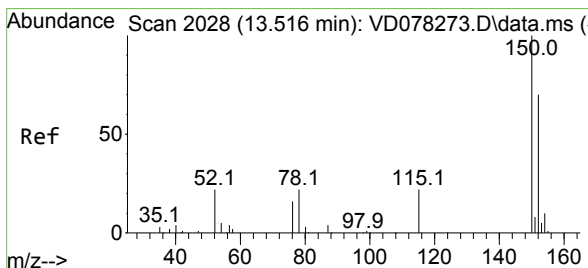
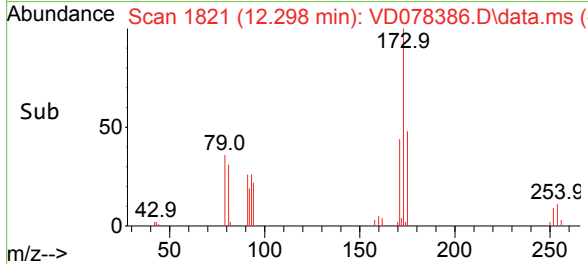
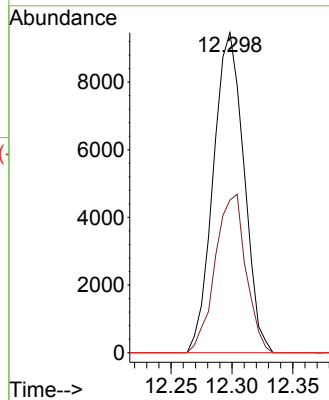
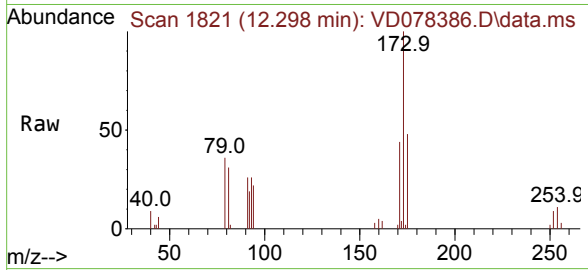




#71
Bromoform
Concen: 20.104 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD078386.D
Acq: 09 Feb 2024 13:43

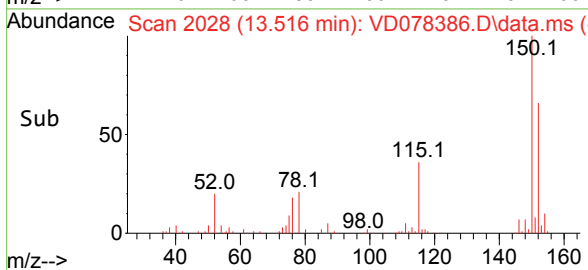
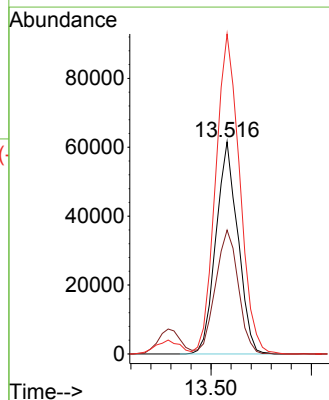
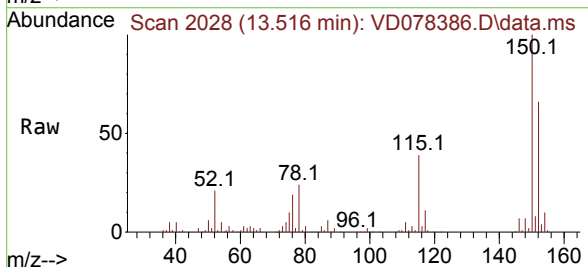
Instrument :
MSVOA_D
ClientSampleId :
VD0209SBS01

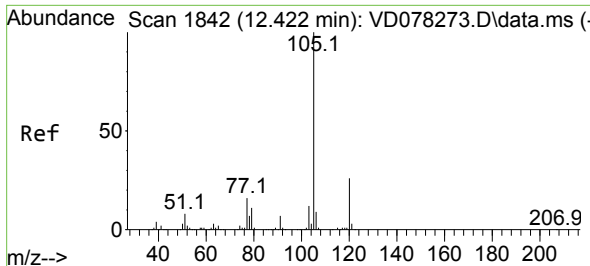
Tgt Ion:	173	Resp:	16566
Ion Ratio	Lower	Upper	
173	100		
175	49.7	24.6	73.8
254	0.0	0.0	0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD078386.D
Acq: 09 Feb 2024 13:43

Tgt Ion:	152	Resp:	93431
Ion Ratio	Lower	Upper	
152	100		
115	60.8	27.1	81.3
150	165.4	0.0	353.6

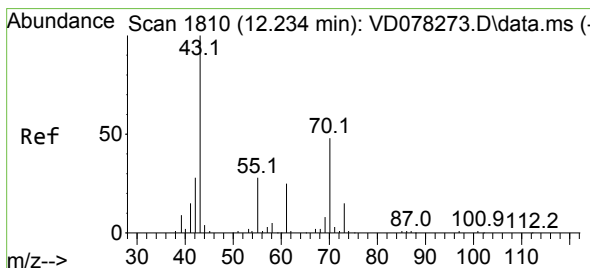
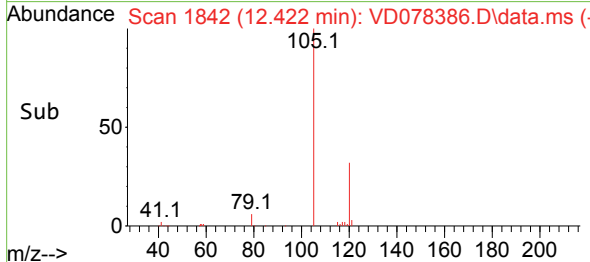
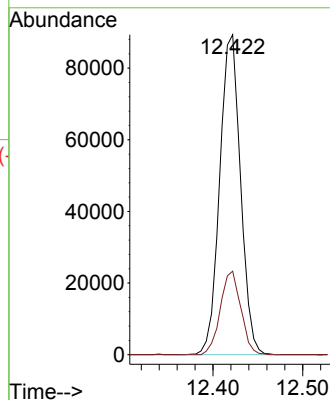
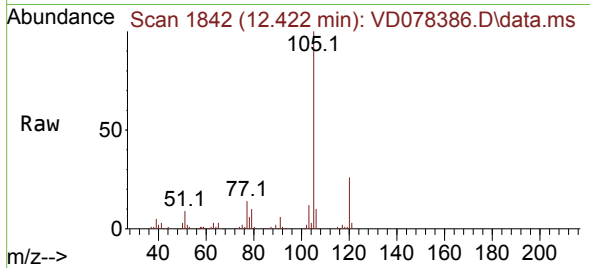




#73
Isopropylbenzene
Concen: 18.203 ug/l
RT: 12.422 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078386.D
Acq: 09 Feb 2024 13:43

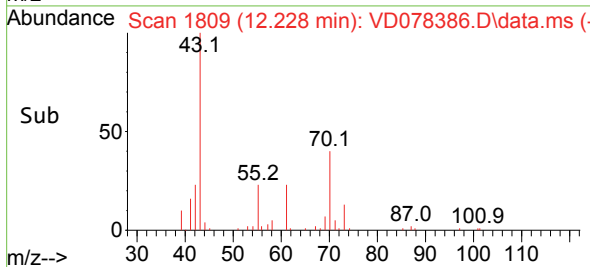
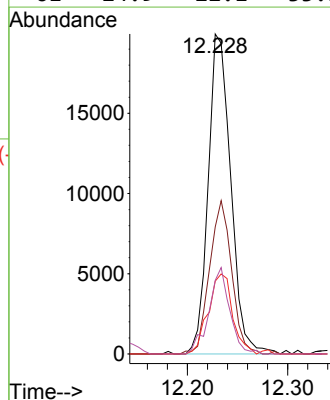
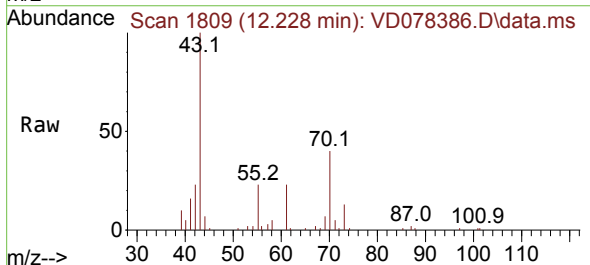
Instrument :
MSVOA_D
ClientSampleId :
VD0209SBS01

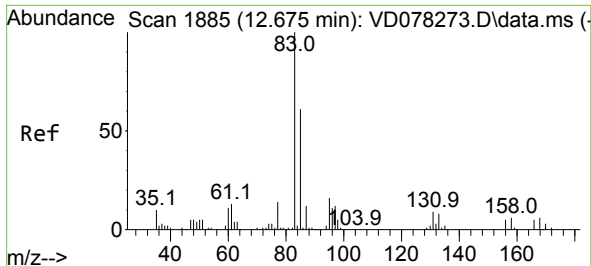
Tgt Ion:105 Resp: 143895
Ion Ratio Lower Upper
105 100
120 25.7 14.3 42.9



#74
N-ethyl acetate
Concen: 19.124 ug/l
RT: 12.228 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VD078386.D
Acq: 09 Feb 2024 13:43

Tgt Ion: 43 Resp: 31267
Ion Ratio Lower Upper
43 100
70 46.8 45.0 67.4
55 26.9 23.8 35.6
61 24.9 22.1 33.1

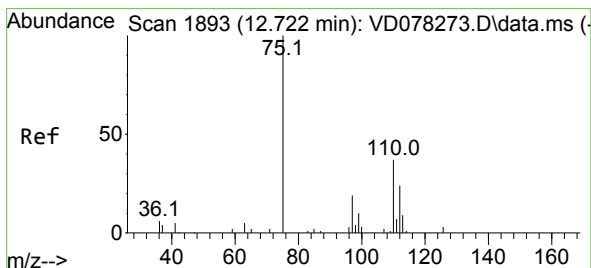
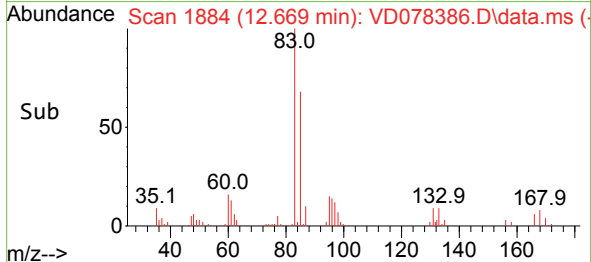
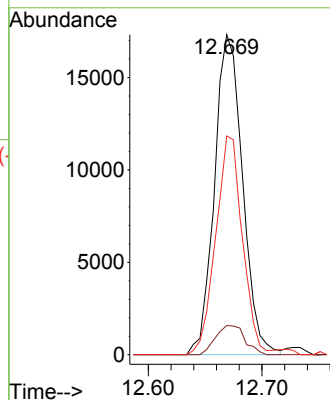
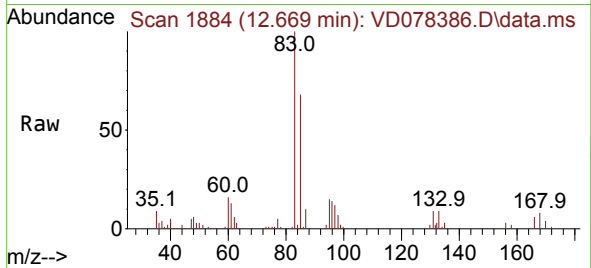




#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.513 ug/l
 RT: 12.669 min Scan# 1884
 Delta R.T. -0.006 min
 Lab File: VD078386.D
 Acq: 09 Feb 2024 13:43

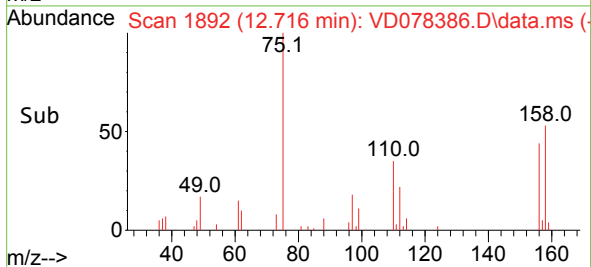
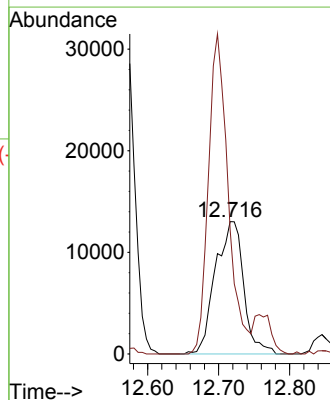
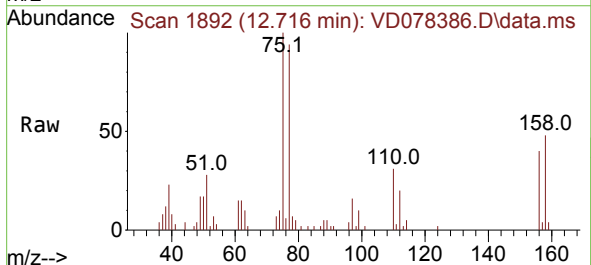
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0209SBSD01

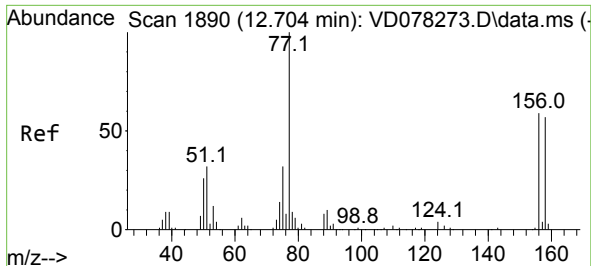
Tgt Ion: 83 Resp: 29789
 Ion Ratio Lower Upper
 83 100
 131 9.5 5.1 15.3
 85 65.1 32.6 97.8



#76
 1,2,3-Trichloropropane
 Concen: 36.866 ug/l
 RT: 12.716 min Scan# 1892
 Delta R.T. -0.006 min
 Lab File: VD078386.D
 Acq: 09 Feb 2024 13:43

Tgt Ion: 75 Resp: 36001
 Ion Ratio Lower Upper
 75 100
 77 169.7 0.0 0.0#

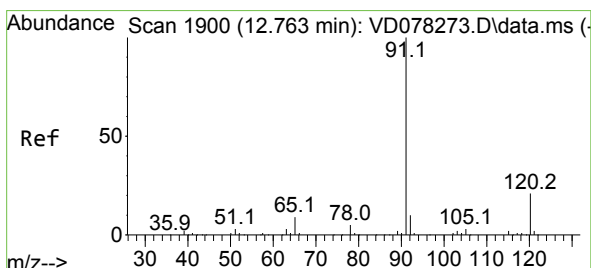
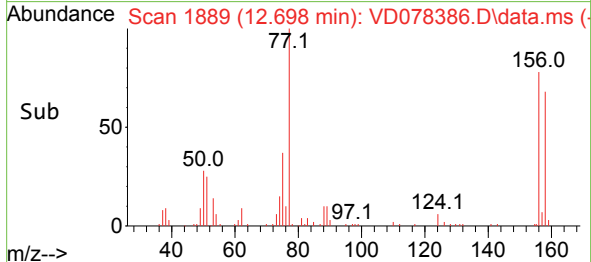
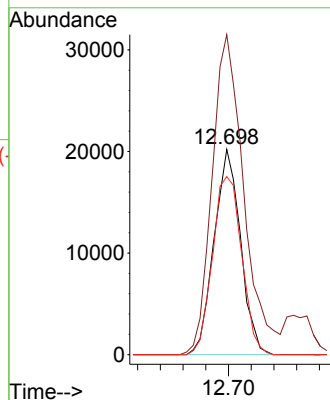
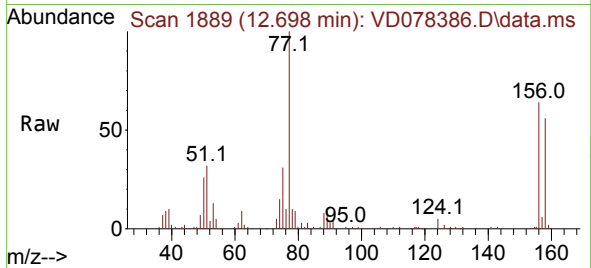




#77
Bromobenzene
Concen: 18.761 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VD078386.D
Acq: 09 Feb 2024 13:43

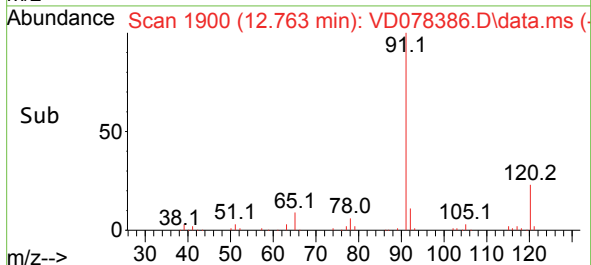
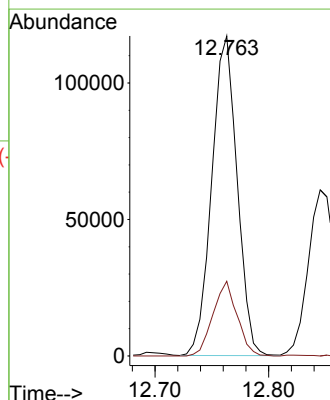
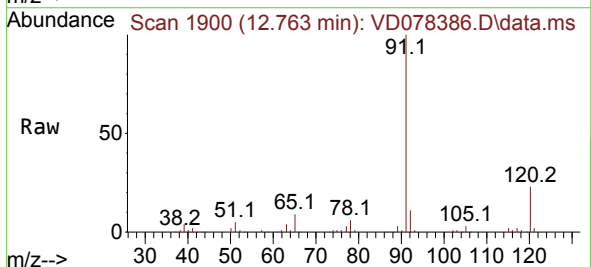
Instrument :
MSVOA_D
ClientSampleId :
VD0209SBSD01

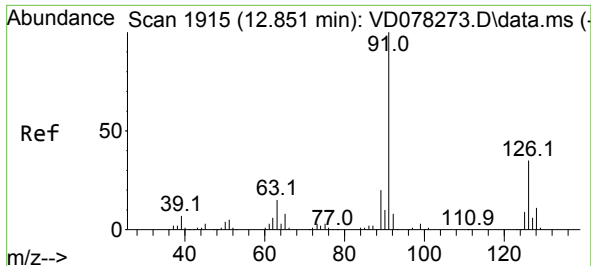
Tgt Ion:156 Resp: 32636
Ion Ratio Lower Upper
156 100
77 187.3 76.8 230.4
158 95.8 48.6 145.9



#78
n-propylbenzene
Concen: 18.439 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD078386.D
Acq: 09 Feb 2024 13:43

Tgt Ion: 91 Resp: 181573
Ion Ratio Lower Upper
91 100
120 22.2 12.4 37.2

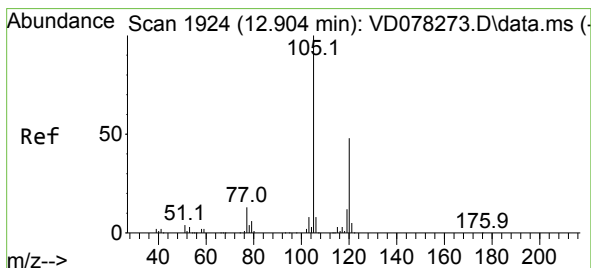
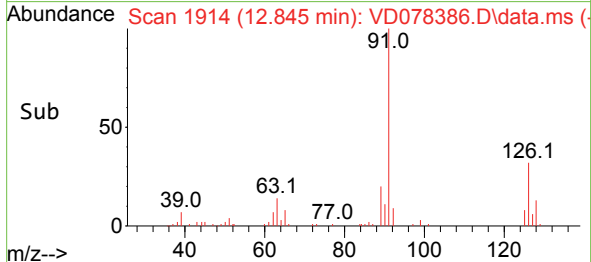
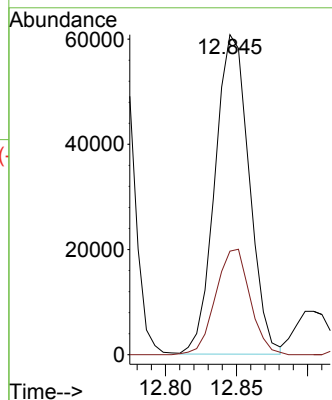
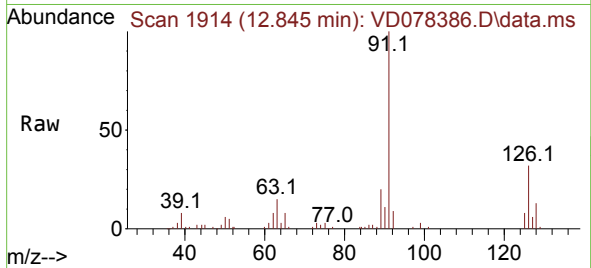




#79
2-Chlorotoluene
Concen: 19.315 ug/l
RT: 12.845 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VD078386.D
Acq: 09 Feb 2024 13:43

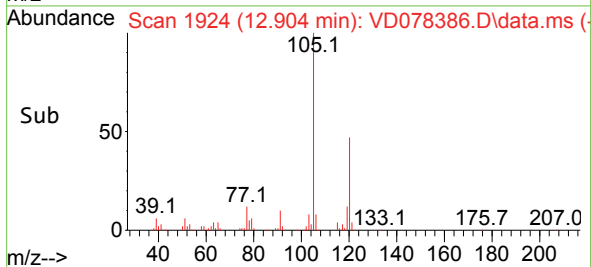
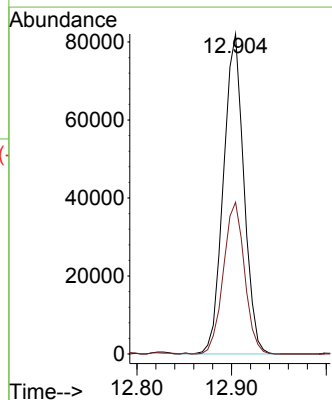
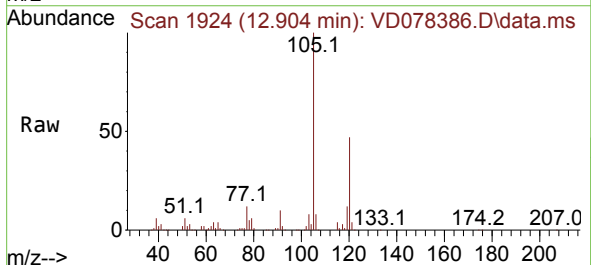
Instrument :
MSVOA_D
ClientSampleId :
VD0209SBSD01

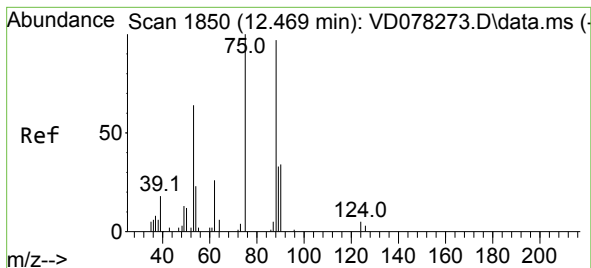
Tgt Ion: 91 Resp: 101816
Ion Ratio Lower Upper
91 100
126 33.2 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 19.111 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD078386.D
Acq: 09 Feb 2024 13:43

Tgt Ion: 105 Resp: 122901
Ion Ratio Lower Upper
105 100
120 49.1 26.4 79.2

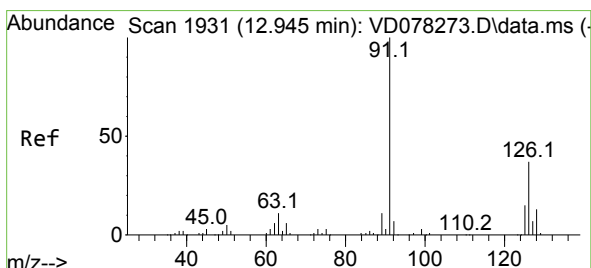
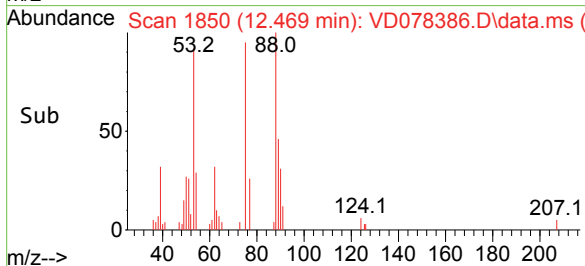
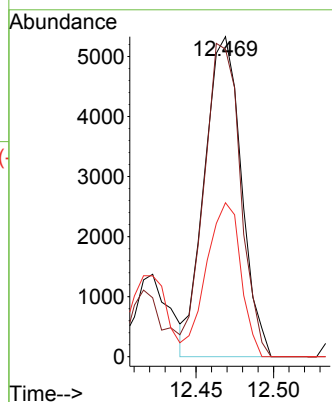
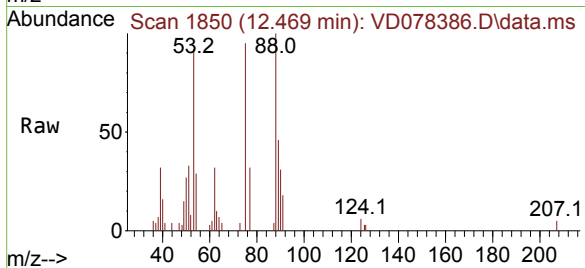




#81
trans-1,4-Dichloro-2-butene
Concen: 17.914 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078386.D
Acq: 09 Feb 2024 13:43

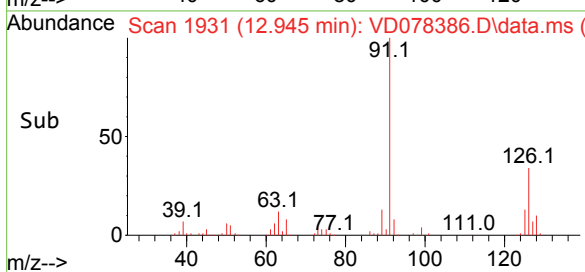
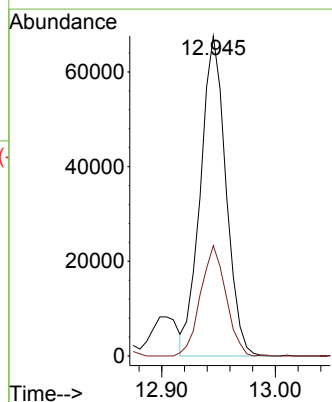
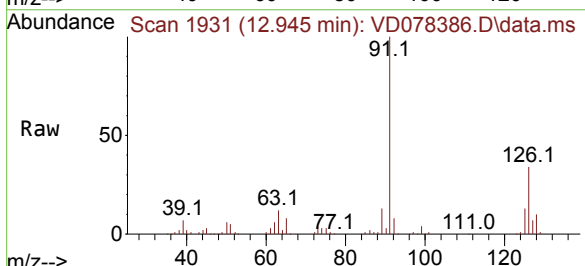
Instrument :
MSVOA_D
ClientSampleId :
VD0209SBSD01

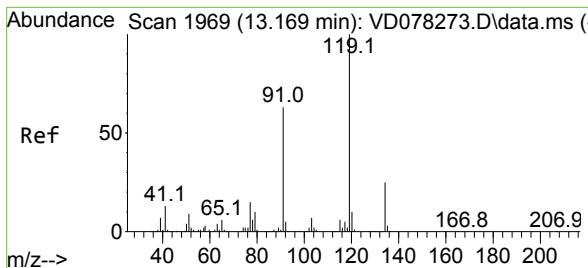
Tgt Ion: 75 Resp: 8796
Ion Ratio Lower Upper
75 100
53 96.6 63.0 94.4#
89 45.2 37.9 56.9



#82
4-Chlorotoluene
Concen: 18.747 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078386.D
Acq: 09 Feb 2024 13:43

Tgt Ion: 91 Resp: 105352
Ion Ratio Lower Upper
91 100
126 34.4 19.4 58.4





#83

tert-Butylbenzene

Concen: 18.065 ug/l

RT: 13.163 min Scan# 1968

Delta R.T. -0.006 min

Lab File: VD078386.D

Acq: 09 Feb 2024 13:43

Instrument :

MSVOA_D

ClientSampleId :

VD0209SBSD01

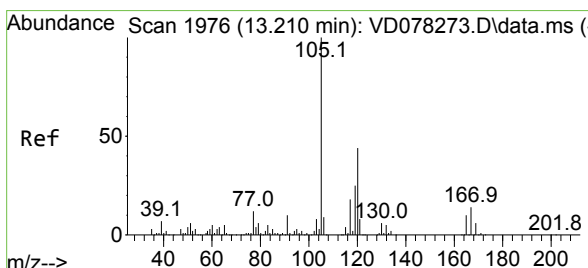
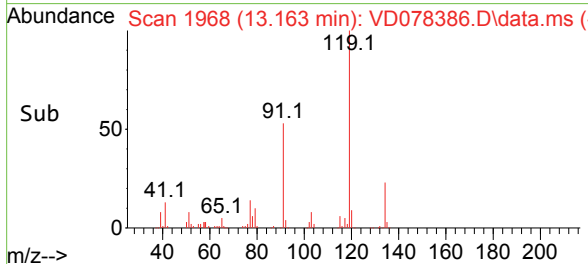
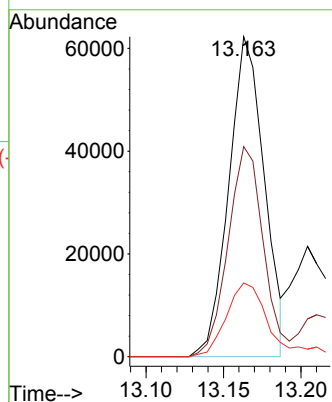
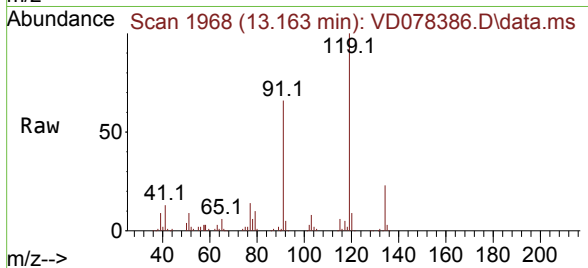
Tgt Ion:119 Resp: 99131

Ion Ratio Lower Upper

119 100

91 65.4 29.3 87.8

134 27.8 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 18.721 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD078386.D

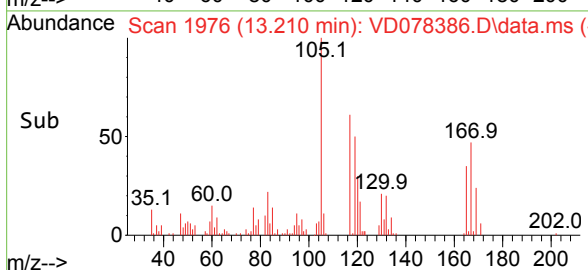
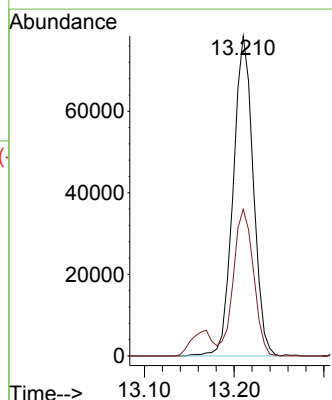
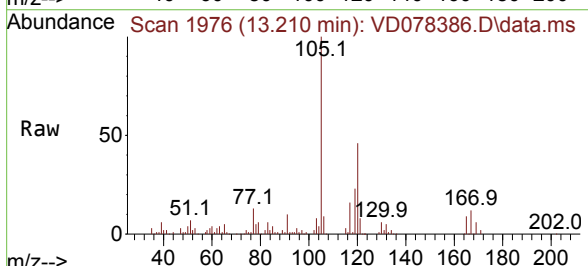
Acq: 09 Feb 2024 13:43

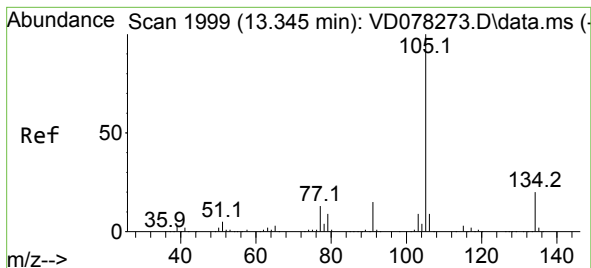
Tgt Ion:105 Resp: 121804

Ion Ratio Lower Upper

105 100

120 46.1 24.3 72.9





#85

sec-Butylbenzene

Concen: 19.078 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD078386.D

Acq: 09 Feb 2024 13:43

Instrument :

MSVOA_D

ClientSampleId :

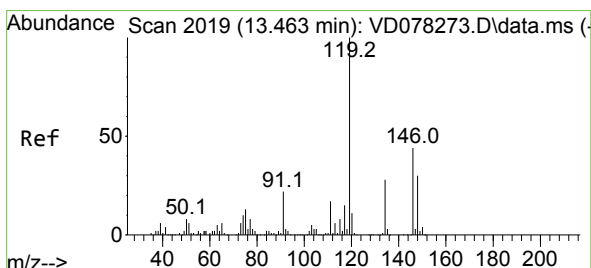
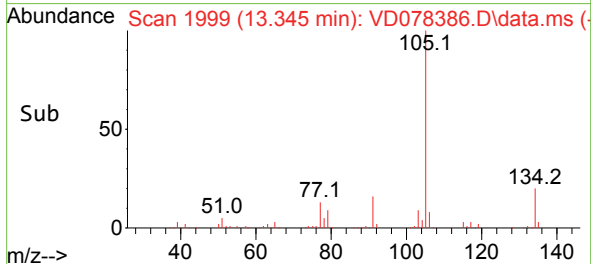
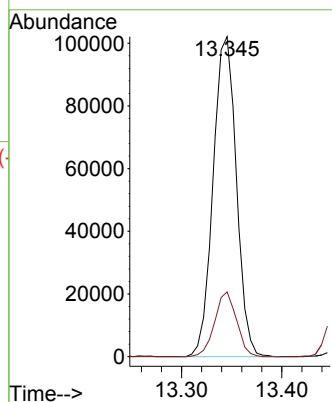
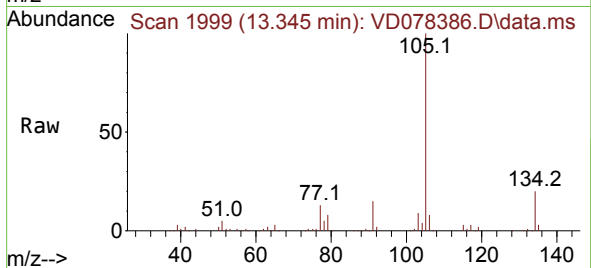
VD0209SBSD01

Tgt Ion:105 Resp: 164302

Ion Ratio Lower Upper

105 100

134 19.1 10.9 32.9



#86

p-Isopropyltoluene

Concen: 19.340 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.006 min

Lab File: VD078386.D

Acq: 09 Feb 2024 13:43

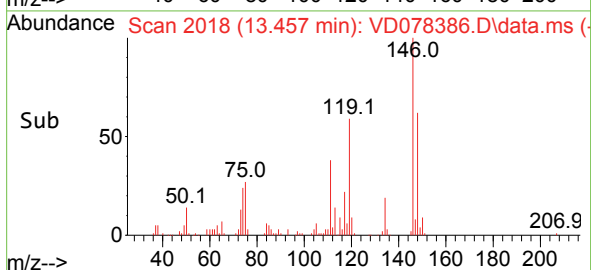
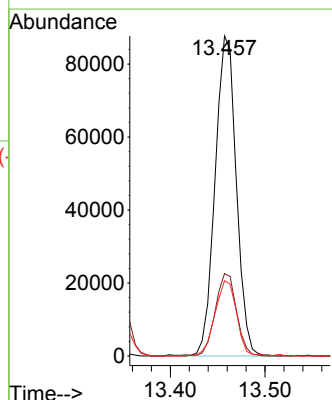
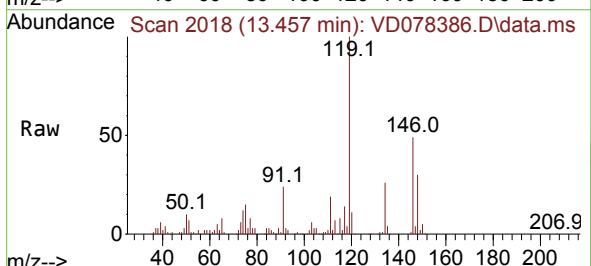
Tgt Ion:119 Resp: 136418

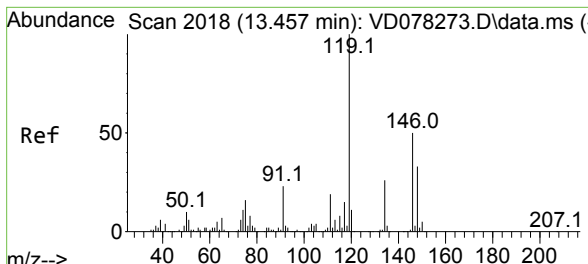
Ion Ratio Lower Upper

119 100

134 25.7 14.2 42.6

91 23.9 10.5 31.5

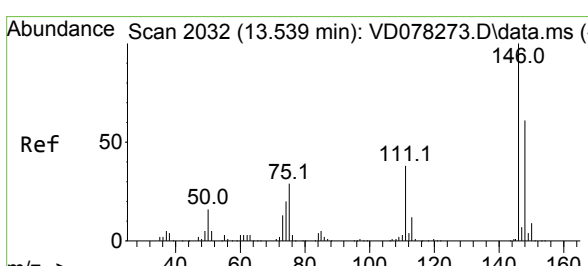
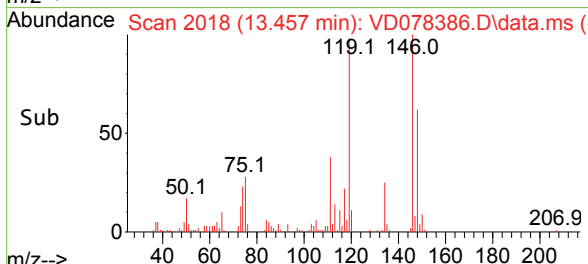
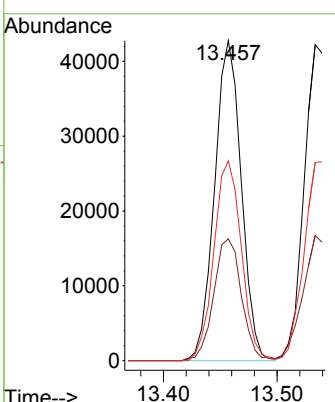
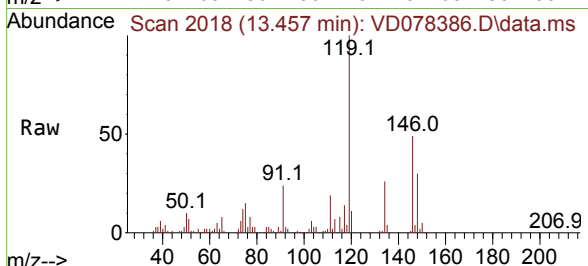




#87
 1,3-Dichlorobenzene
 Concen: 19.288 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD078386.D
 Acq: 09 Feb 2024 13:43

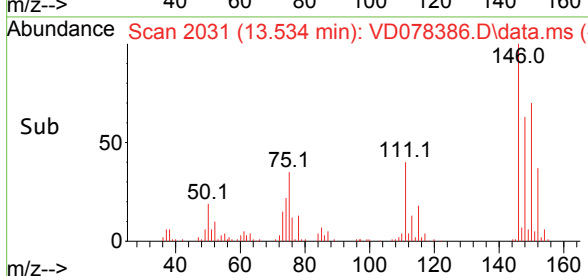
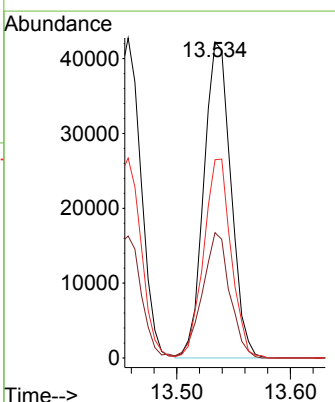
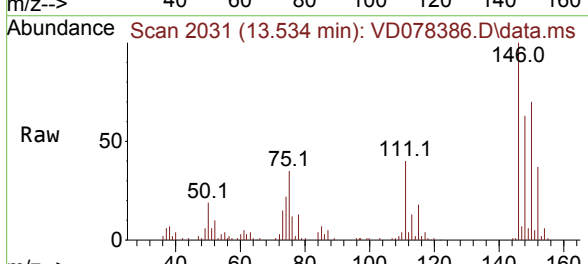
Instrument : MSVOA_D
 ClientSampleId : VD0209SBS01

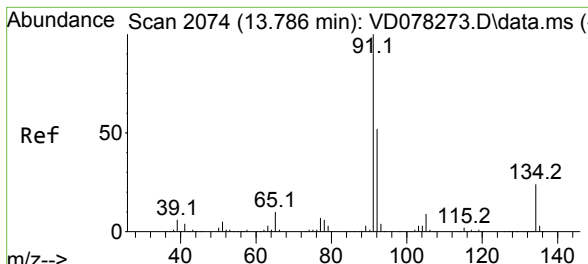
Tgt Ion:	146	Resp:	69707
Ion Ratio	Lower	Upper	
146	100		
111	39.8	17.9	53.8
148	64.3	32.3	96.8



#88
 1,4-Dichlorobenzene
 Concen: 19.540 ug/l
 RT: 13.534 min Scan# 2031
 Delta R.T. -0.006 min
 Lab File: VD078386.D
 Acq: 09 Feb 2024 13:43

Tgt Ion:	146	Resp:	69870
Ion Ratio	Lower	Upper	
146	100		
111	40.2	17.4	52.3
148	63.9	31.7	95.1

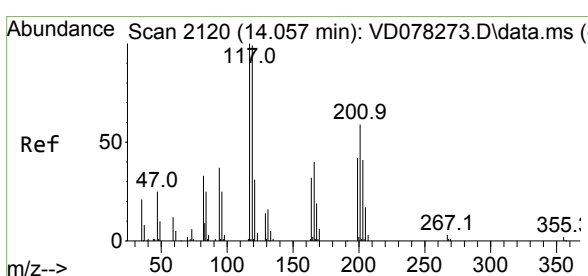
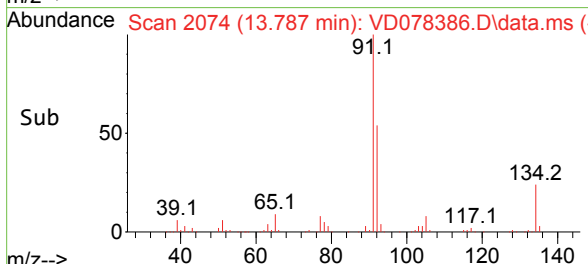
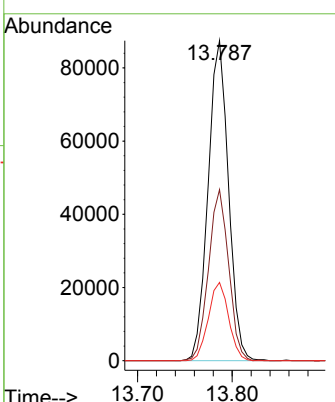
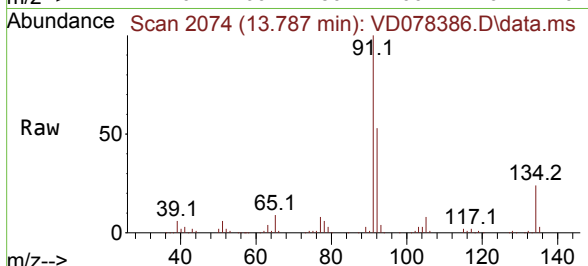




#89
 n-Butylbenzene
 Concen: 19.020 ug/l
 RT: 13.787 min Scan# 2074
 Delta R.T. 0.000 min
 Lab File: VD078386.D
 Acq: 09 Feb 2024 13:43

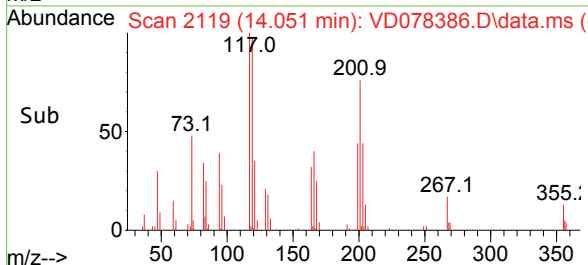
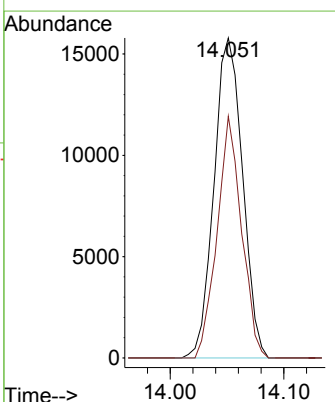
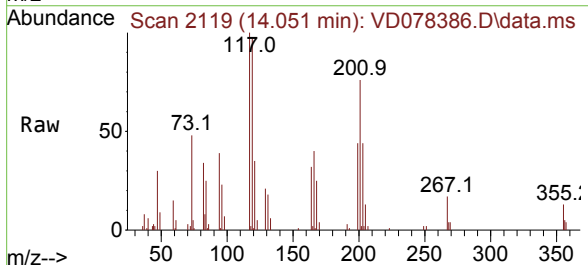
Instrument : MSVOA_D
 ClientSampleId : VD0209SBSD01

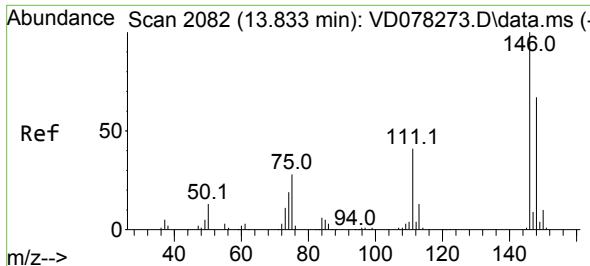
Tgt Ion:	91	Resp:	130735
Ion	Ratio	Lower	Upper
91	100		
92	52.8	26.5	79.5
134	24.4	13.8	41.3



#90
 Hexachloroethane
 Concen: 19.560 ug/l
 RT: 14.051 min Scan# 2119
 Delta R.T. -0.006 min
 Lab File: VD078386.D
 Acq: 09 Feb 2024 13:43

Tgt Ion:	117	Resp:	27558
Ion	Ratio	Lower	Upper
117	100		
201	64.7	38.5	115.5





#91

1,2-Dichlorobenzene

Concen: 19.653 ug/l

RT: 13.828 min Scan# 2081

Delta R.T. -0.006 min

Lab File: VD078386.D

Acq: 09 Feb 2024 13:43

Instrument :

MSVOA_D

ClientSampleId :

VD0209SBS01

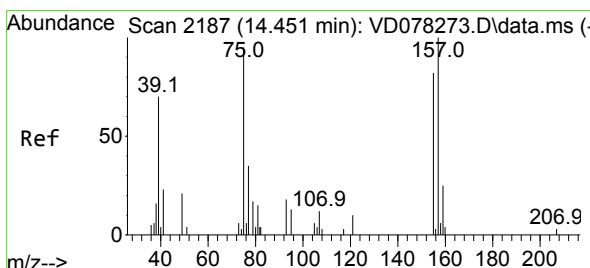
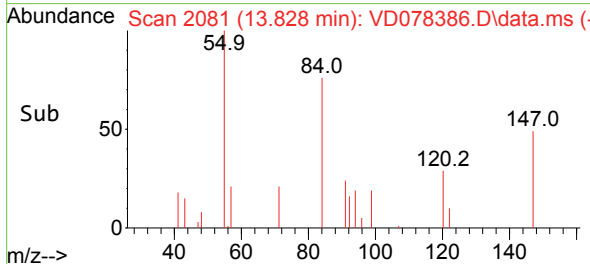
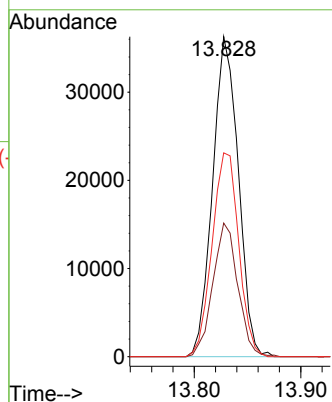
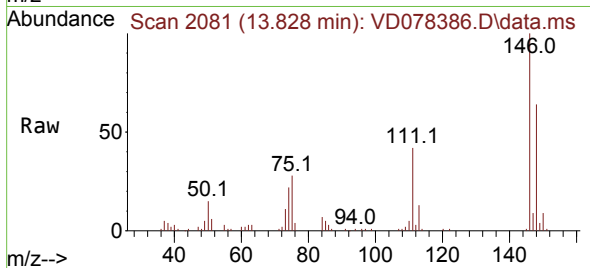
Tgt Ion:146 Resp: 60764

Ion Ratio Lower Upper

146 100

111 40.6 18.3 54.8

148 66.0 31.6 94.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.374 ug/l

RT: 14.439 min Scan# 2185

Delta R.T. -0.012 min

Lab File: VD078386.D

Acq: 09 Feb 2024 13:43

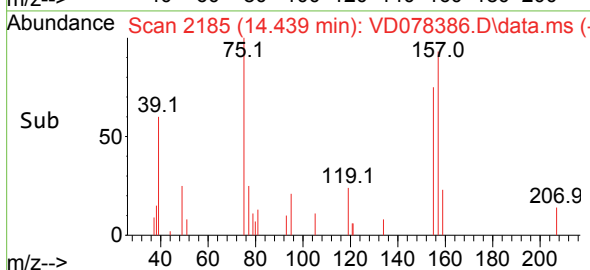
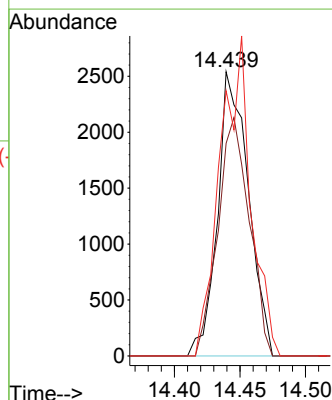
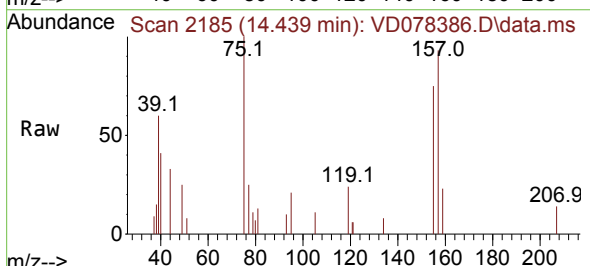
Tgt Ion: 75 Resp: 4146

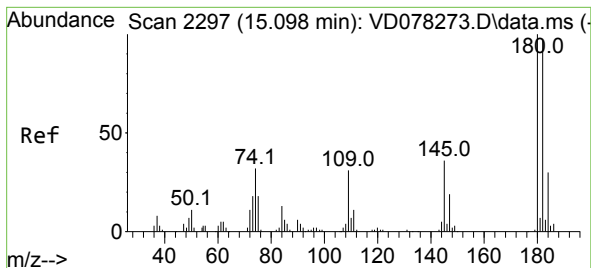
Ion Ratio Lower Upper

75 100

155 86.1 47.9 143.8

157 112.3 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 19.996 ug/l

RT: 15.098 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD078386.D

Acq: 09 Feb 2024 13:43

Instrument :

MSVOA_D

ClientSampleId :

VD0209SBSD01

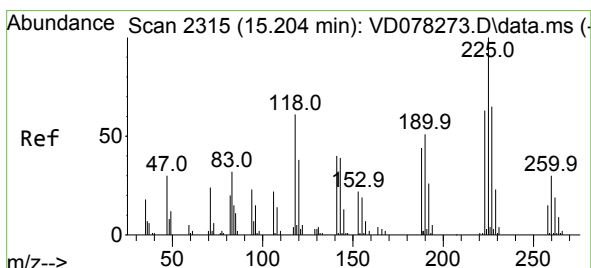
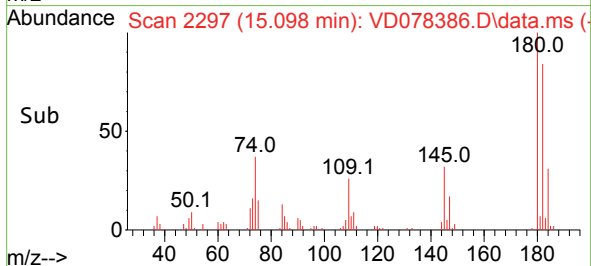
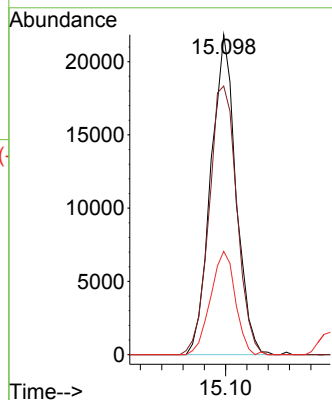
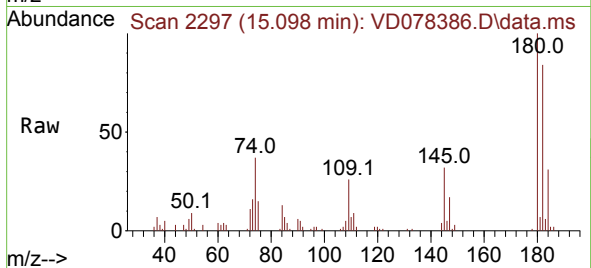
Tgt Ion:180 Resp: 35759

Ion Ratio Lower Upper

180 100

182 92.6 48.5 145.6

145 31.8 14.2 42.6



#94

Hexachlorobutadiene

Concen: 20.665 ug/l

RT: 15.198 min Scan# 2314

Delta R.T. -0.006 min

Lab File: VD078386.D

Acq: 09 Feb 2024 13:43

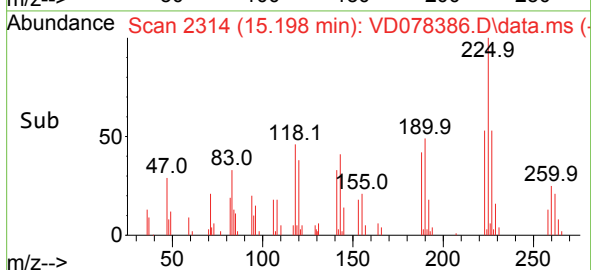
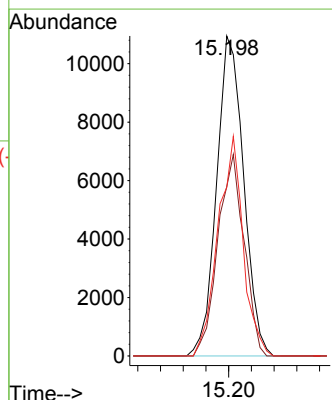
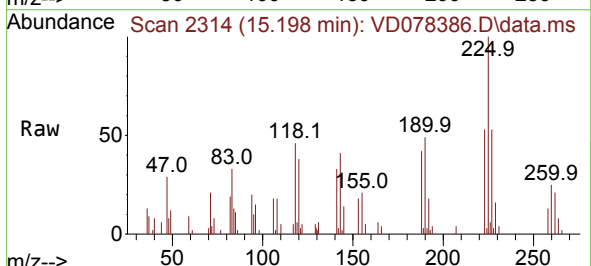
Tgt Ion:225 Resp: 18109

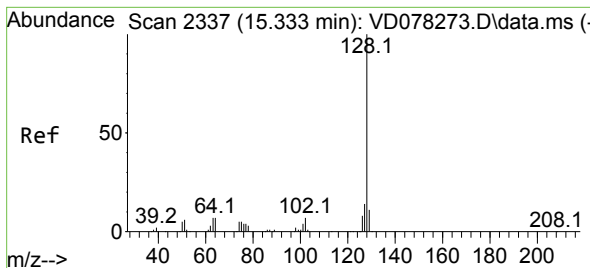
Ion Ratio Lower Upper

225 100

223 61.0 31.6 94.8

227 63.5 31.7 95.1





#95

Naphthalene

Concen: 18.959 ug/l

RT: 15.328 min Scan# 2336

Delta R.T. -0.006 min

Lab File: VD078386.D

Acq: 09 Feb 2024 13:43

Instrument :

MSVOA_D

ClientSampleId :

VD0209SBSD01

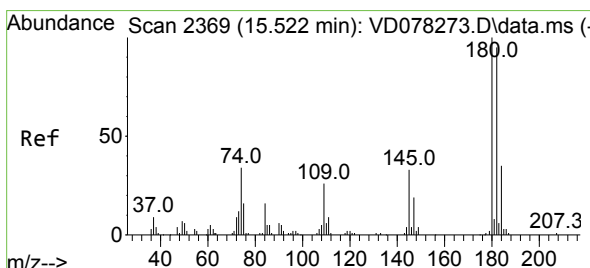
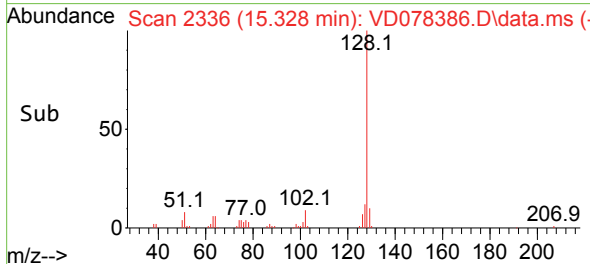
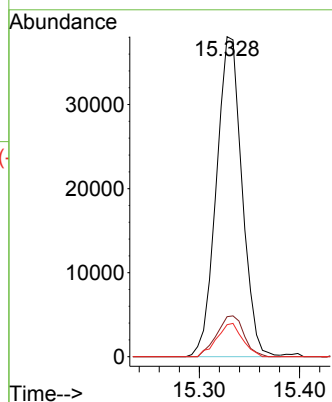
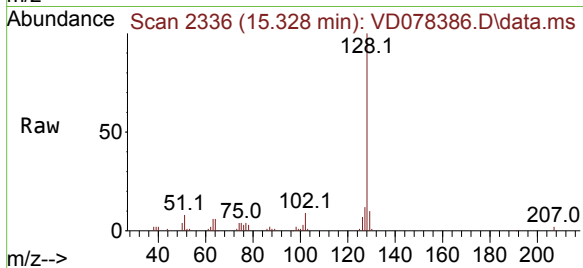
Tgt Ion:128 Resp: 67601

Ion Ratio Lower Upper

128 100

127 12.5 10.5 15.7

129 10.0 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 19.455 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. 0.000 min

Lab File: VD078386.D

Acq: 09 Feb 2024 13:43

Tgt Ion:180 Resp: 30635

Ion Ratio Lower Upper

180 100

182 98.0 47.3 141.9

145 33.3 15.1 45.3

