

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110823\
 Data File : VD077517.D
 Acq On : 08 Nov 2023 12:56
 Operator : JC/SY
 Sample : VD1108SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 09 01:36:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D103023S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 31 04:19:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	193407	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	344598	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	312338	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	142729	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	142745	52.194	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	104.380%	
35) Dibromofluoromethane	7.804	113	125200	52.567	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	105.140%	
50) Toluene-d8	10.269	98	514983	55.666	ug/l	0.00
Spiked Amount 50.000	Range 58	- 134	Recovery	=	111.340%	
62) 4-Bromofluorobenzene	12.575	95	161925	51.968	ug/l	0.00
Spiked Amount 50.000	Range 30	- 143	Recovery	=	103.940%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.940	85	31311	20.078	ug/l	97
3) Chloromethane	2.152	50	48308	19.511	ug/l	95
4) Vinyl Chloride	2.287	62	56392	23.357	ug/l	98
5) Bromomethane	2.693	94	31549	24.937	ug/l	98
6) Chloroethane	2.840	64	42042	25.864	ug/l	98
7) Trichlorofluoromethane	3.181	101	68080	20.136	ug/l	98
8) Diethyl Ether	3.599	74	24182	19.897	ug/l #	53
9) 1,1,2-Trichlorotrifluo...	3.975	101	43222	21.175	ug/l	94
10) Methyl Iodide	4.163	142	38441	17.122	ug/l #	90
11) Tert butyl alcohol	5.058	59	24439	112.810	ug/l #	85
12) 1,1-Dichloroethene	3.940	96	37654	19.486	ug/l #	78
13) Acrolein	3.805	56	26388	92.369	ug/l	97
14) Allyl chloride	4.563	41	85596	18.362	ug/l #	85
15) Acrylonitrile	5.258	53	72499	110.348	ug/l	98
16) Acetone	4.028	43	87545	120.972	ug/l #	84
17) Carbon Disulfide	4.275	76	68393	14.369	ug/l	98
18) Methyl Acetate	4.569	43	54110	20.498	ug/l #	76
19) Methyl tert-butyl Ether	5.316	73	126192	20.804	ug/l #	90
20) Methylene Chloride	4.805	84	64678	22.441	ug/l #	64
21) trans-1,2-Dichloroethene	5.310	96	42227	18.763	ug/l #	78
22) Diisopropyl ether	6.216	45	197835	19.968	ug/l #	89
23) Vinyl Acetate	6.157	43	493532	115.463	ug/l #	84
24) 1,1-Dichloroethane	6.116	63	103882	20.207	ug/l	93
25) 2-Butanone	7.081	43	105769	109.574	ug/l #	76
26) 2,2-Dichloropropane	7.075	77	90885	19.949	ug/l	92
27) cis-1,2-Dichloroethene	7.081	96	56749	20.354	ug/l	71
28) Bromochloromethane	7.422	49	38737	18.026	ug/l #	59
29) Tetrahydrofuran	7.446	42	59363	103.692	ug/l #	72
30) Chloroform	7.599	83	99884	20.809	ug/l	100
31) Cyclohexane	7.875	56	74788	17.493	ug/l	86
32) 1,1,1-Trichloroethane	7.793	97	83501	21.113	ug/l	95
36) 1,1-Dichloropropene	8.010	75	65755	18.621	ug/l	94
37) Ethyl Acetate	7.163	43	40224	19.848	ug/l #	89
38) Carbon Tetrachloride	7.993	117	68128	20.473	ug/l	94
39) Methylcyclohexane	9.269	83	71579	17.765	ug/l #	79
40) Benzene	8.252	78	200726	19.934	ug/l	100

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	28605	22.060	ug/l #	74
42) 1,2-Dichloroethane	8.328	62	63595	19.940	ug/l	91
43) Isopropyl Acetate	8.363	43	84885	20.297	ug/l #	83
44) Trichloroethene	9.028	130	47841	19.396	ug/l	92
45) 1,2-Dichloropropane	9.304	63	61395	20.710	ug/l	100
46) Dibromomethane	9.393	93	27993	19.621	ug/l	91
47) Bromodichloromethane	9.587	83	76478	20.281	ug/l	94
48) Methyl methacrylate	9.381	41	38058	19.064	ug/l #	68
49) 1,4-Dioxane	9.381	88	6598	430.399	ug/l #	56
51) 4-Methyl-2-Pentanone	10.157	43	219425	106.596	ug/l #	81
52) Toluene	10.334	92	125521	20.448	ug/l	98
53) t-1,3-Dichloropropene	10.557	75	80726	20.217	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	92490	20.129	ug/l #	78
55) 1,1,2-Trichloroethane	10.734	97	41753	21.936	ug/l	93
56) Ethyl methacrylate	10.598	69	57263	20.234	ug/l #	63
57) 1,3-Dichloropropane	10.881	76	71997	20.237	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	126968	89.616	ug/l #	86
59) 2-Hexanone	10.922	43	170778	112.620	ug/l	79
60) Dibromochloromethane	11.075	129	48059	20.998	ug/l	96
61) 1,2-Dibromoethane	11.181	107	35260	19.561	ug/l	97
64) Tetrachloroethene	10.810	164	38716	19.470	ug/l	93
65) Chlorobenzene	11.610	112	133849	20.455	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	50173	20.291	ug/l	96
67) Ethyl Benzene	11.687	91	255079	20.260	ug/l	96
68) m/p-Xylenes	11.792	106	183361	40.330	ug/l	82
69) o-Xylene	12.122	106	89230	20.490	ug/l	81
70) Styrene	12.134	104	155813	20.740	ug/l #	92
71) Bromoform	12.298	173	28263	20.617	ug/l #	98
73) Isopropylbenzene	12.422	105	247377	21.258	ug/l	94
74) N-amyl acetate	12.234	43	81110	19.678	ug/l #	81
75) 1,1,2,2-Tetrachloroethane	12.675	83	48913	21.443	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	65015	37.426	ug/l #	100
77) Bromobenzene	12.704	156	51467	20.093	ug/l	74
78) n-propylbenzene	12.763	91	310603	21.021	ug/l	93
79) 2-Chlorotoluene	12.851	91	170504	20.380	ug/l	89
80) 1,3,5-Trimethylbenzene	12.904	105	201688	20.656	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.469	75	18489	20.559	ug/l	87
82) 4-Chlorotoluene	12.945	91	178589	20.494	ug/l	89
83) tert-Butylbenzene	13.169	119	176280	21.473	ug/l	90
84) 1,2,4-Trimethylbenzene	13.210	105	201459	20.770	ug/l	93
85) sec-Butylbenzene	13.345	105	271416	21.608	ug/l	95
86) p-Isopropyltoluene	13.463	119	220630	21.610	ug/l	94
87) 1,3-Dichlorobenzene	13.463	146	107449	21.341	ug/l	97
88) 1,4-Dichlorobenzene	13.539	146	105759	21.024	ug/l	96
89) n-Butylbenzene	13.787	91	225888	21.286	ug/l	98
90) Hexachloroethane	14.057	117	42423	20.305	ug/l	96
91) 1,2-Dichlorobenzene	13.834	146	93085	21.037	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.451	75	7598	19.772	ug/l	86
93) 1,2,4-Trichlorobenzene	15.098	180	62361	20.515	ug/l	99
94) Hexachlorobutadiene	15.204	225	34428	20.997	ug/l	96
95) Naphthalene	15.333	128	123763	21.343	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	54832	20.897	ug/l	98

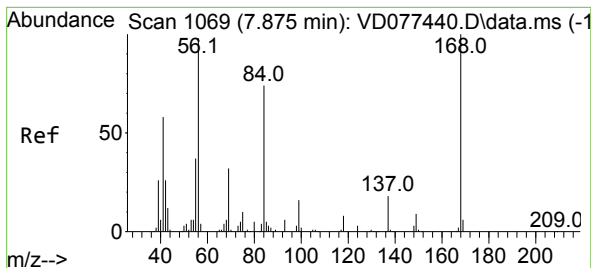
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110823\
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Quant Title : SW846 8260
QLast Update : Tue Oct 31 04:19:17 2023
Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD077517.D

Acq: 08 Nov 2023 12:56

Instrument :

MSVOA_D

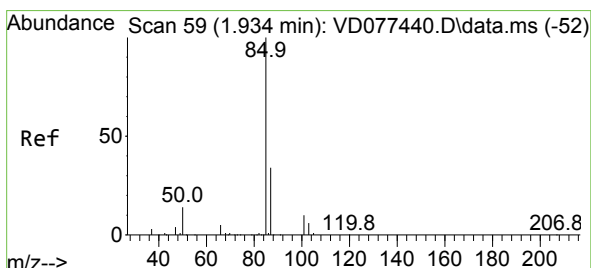
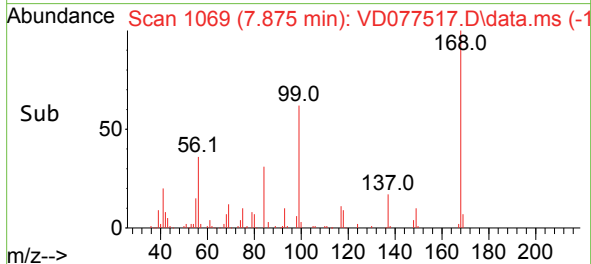
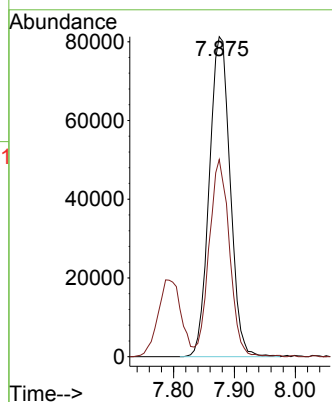
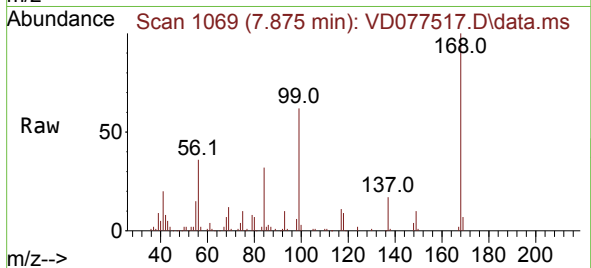
ClientSampleId :

Tgt Ion:168 Resp: 193407

Ion Ratio Lower Upper

168 100

99 61.2 36.7 55.1#



#2

Dichlorodifluoromethane

Concen: 20.078 ug/l

RT: 1.940 min Scan# 60

Delta R.T. 0.006 min

Lab File: VD077517.D

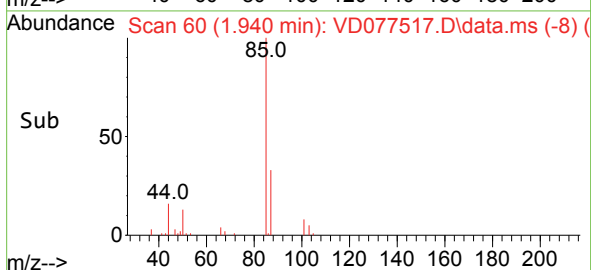
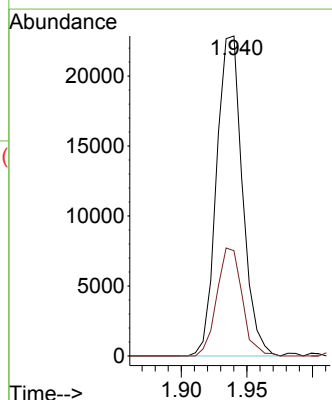
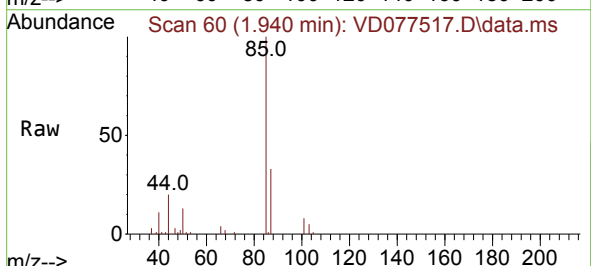
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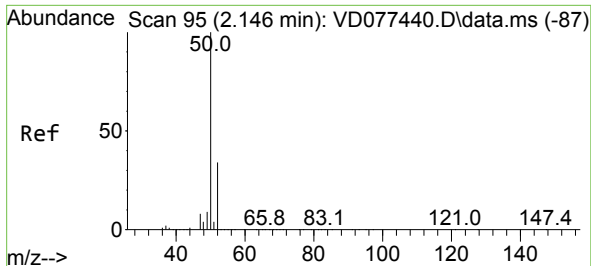
Tgt Ion: 85 Resp: 31311

Ion Ratio Lower Upper

85 100

87 32.9 15.7 47.0

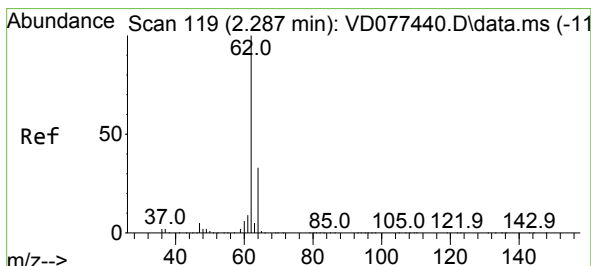
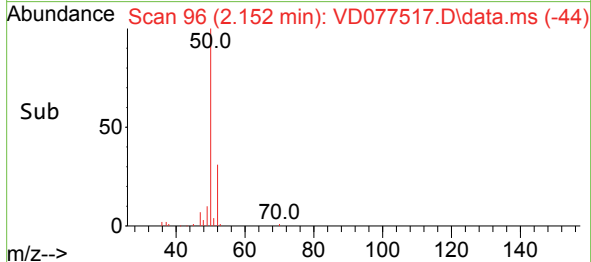
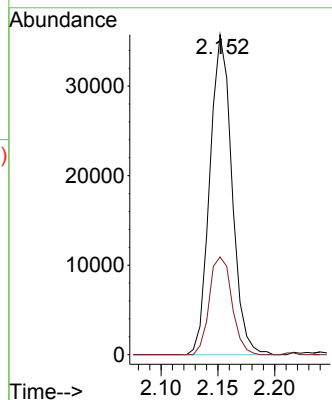
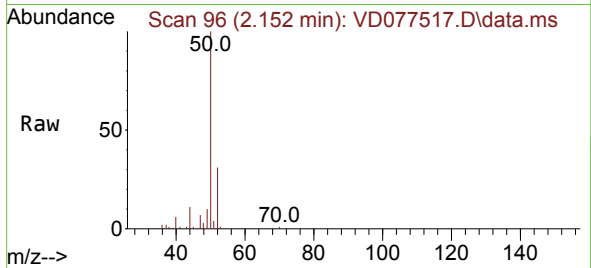




#3
Chloromethane
Concen: 19.511 ug/l
RT: 2.152 min Scan# 96
Delta R.T. 0.006 min
Lab File: VD077517.D
Acq: 08 Nov 2023 12:56

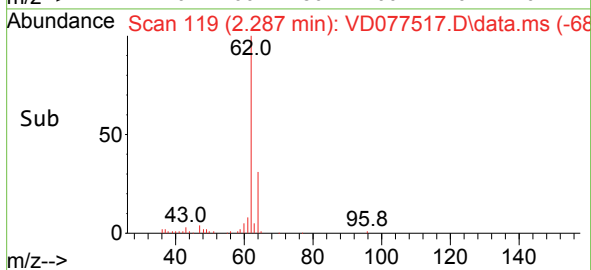
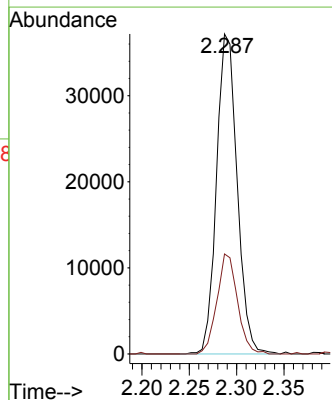
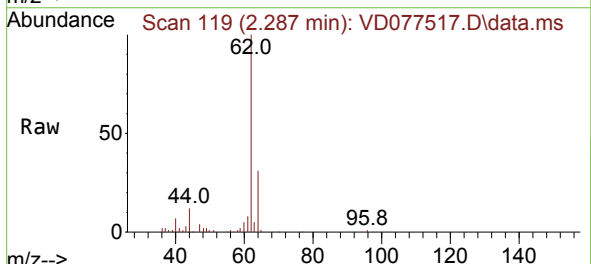
Instrument :
MSVOA_D
ClientSampleId :

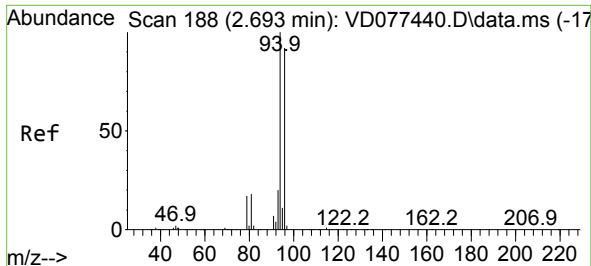
Tgt Ion: 50 Resp: 48308
Ion Ratio Lower Upper
50 100
52 30.6 26.6 40.0



#4
Vinyl Chloride
Concen: 23.357 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD077517.D
Acq: 08 Nov 2023 12:56

Tgt Ion: 62 Resp: 56392
Ion Ratio Lower Upper
62 100
64 31.2 26.0 39.0

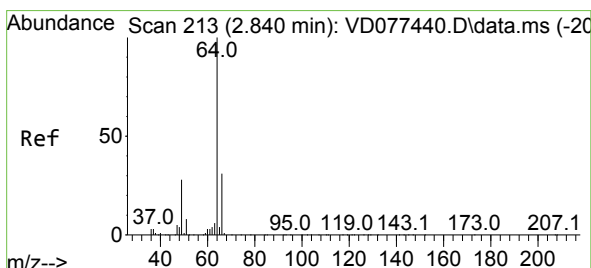
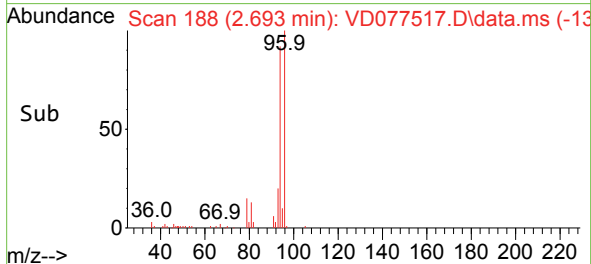
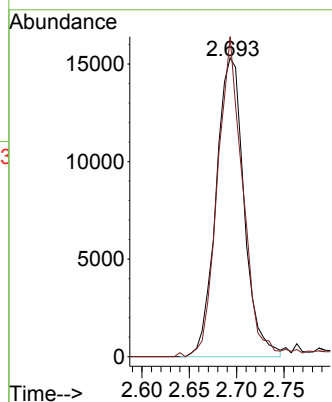
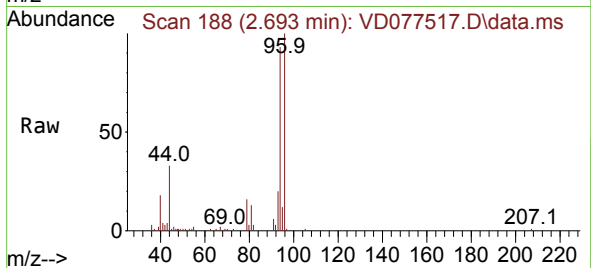




#5
Bromomethane
Concen: 24.937 ug/l
RT: 2.693 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077517.D
Acq: 08 Nov 2023 12:56

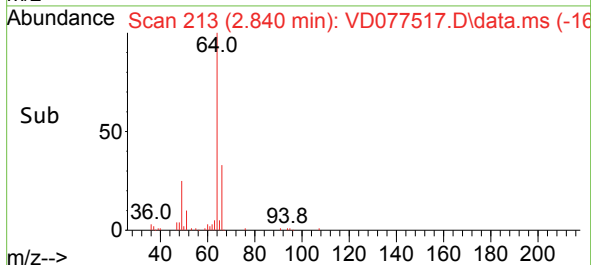
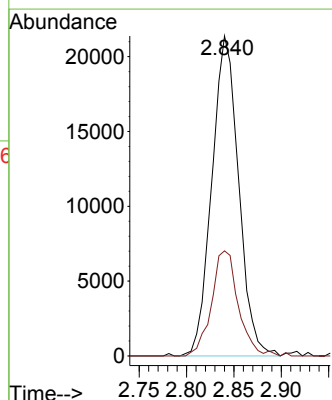
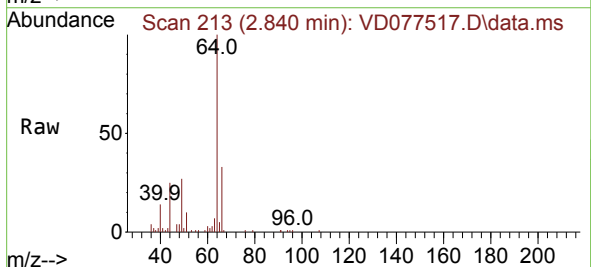
Instrument :
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ClientSampleId :

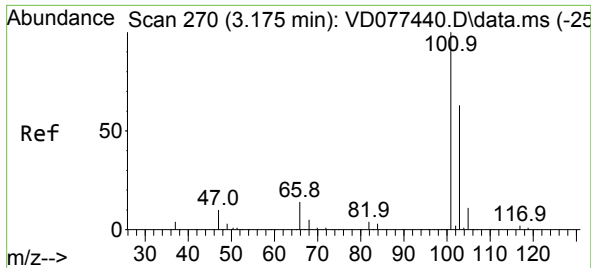
Tgt Ion: 94 Resp: 31549
Ion Ratio Lower Upper
94 100
96 96.3 75.8 113.8



#6
Chloroethane
Concen: 25.864 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD077517.D
Acq: 08 Nov 2023 12:56

Tgt Ion: 64 Resp: 42042
Ion Ratio Lower Upper
64 100
66 32.9 25.5 38.3

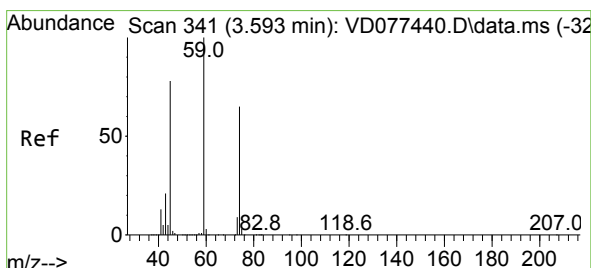
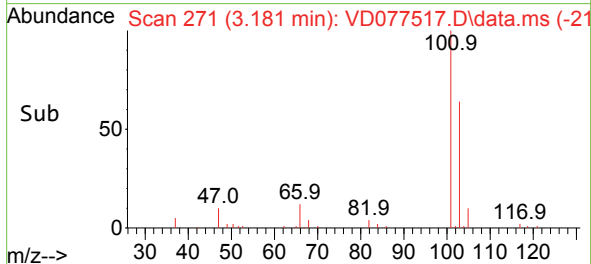
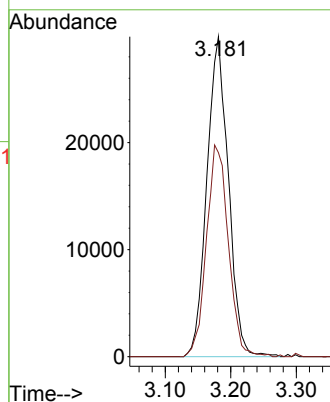
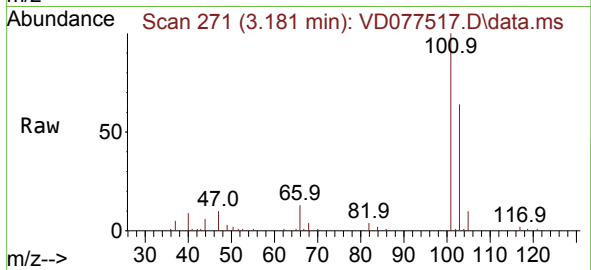




#7
 Trichlorofluoromethane
 Concen: 20.136 ug/l
 RT: 3.181 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VD077517.D
 Acq: 08 Nov 2023 12:56

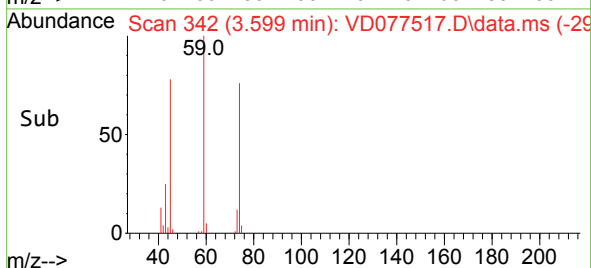
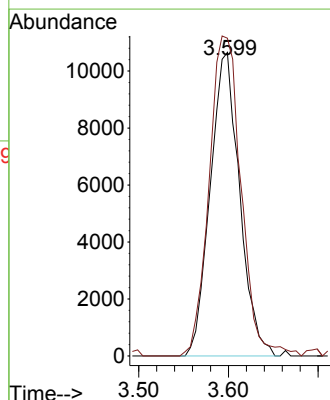
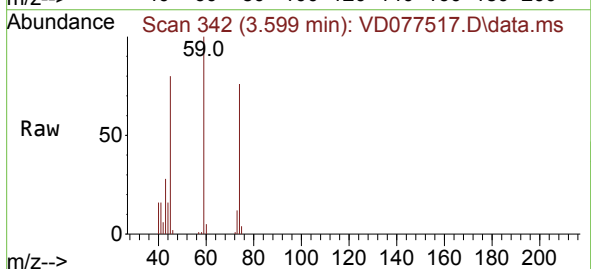
Instrument :
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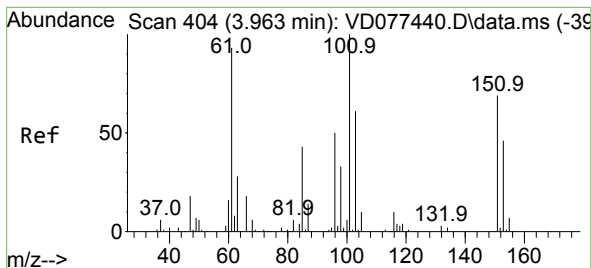
Tgt Ion:101 Resp: 68080
 Ion Ratio Lower Upper
 101 100
 103 63.7 52.3 78.5



#8
 Diethyl Ether
 Concen: 19.897 ug/l
 RT: 3.599 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VD077517.D
 Acq: 08 Nov 2023 12:56

Tgt Ion: 74 Resp: 24182
 Ion Ratio Lower Upper
 74 100
 45 114.8 37.5 112.7#

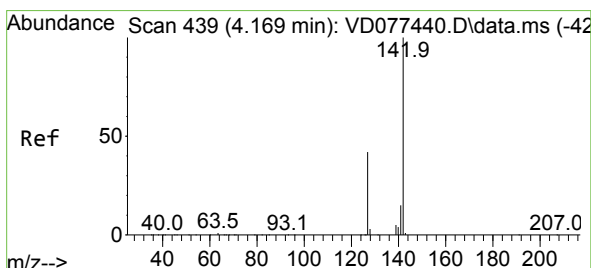
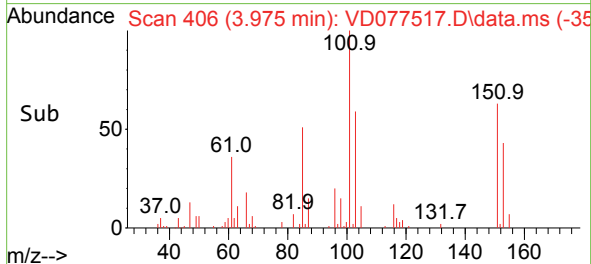
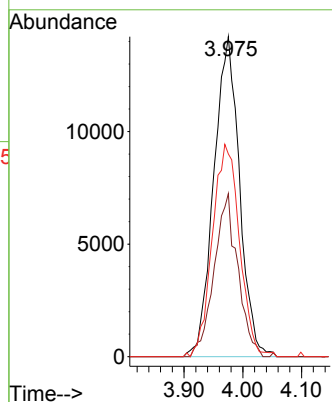
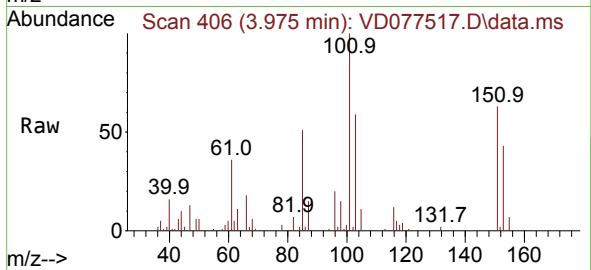




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.175 ug/l
RT: 3.975 min Scan# 40
Delta R.T. 0.012 min
Lab File: VD077517.D
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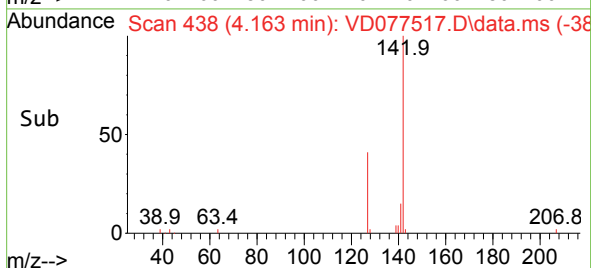
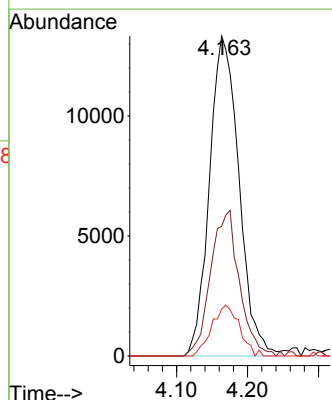
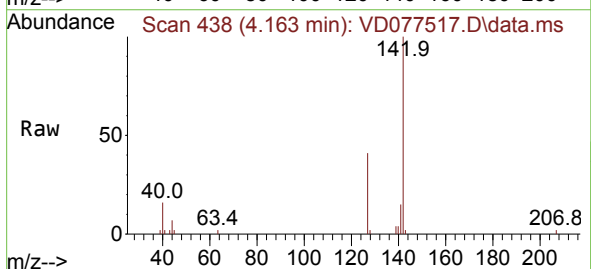
Instrument :
MSVOA_D
ClientSampleId :

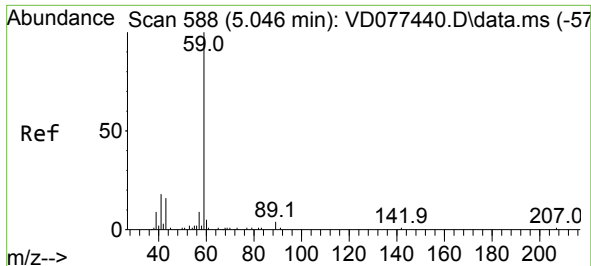
Tgt Ion:101 Resp: 43222
Ion Ratio Lower Upper
101 100
85 46.8 33.8 50.6
151 70.1 59.8 89.6



#10
Methyl Iodide
Concen: 17.122 ug/l
RT: 4.163 min Scan# 438
Delta R.T. -0.006 min
Lab File: VD077517.D
Acq: 08 Nov 2023 12:56

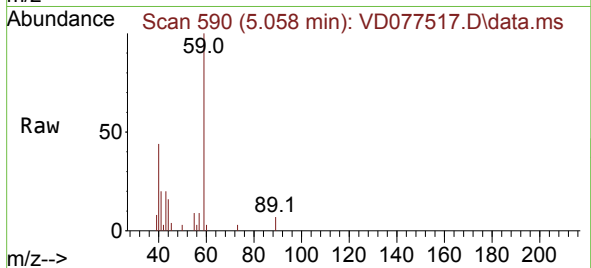
Tgt Ion:142 Resp: 38441
Ion Ratio Lower Upper
142 100
127 44.2 29.4 44.0#
141 14.9 11.1 16.7



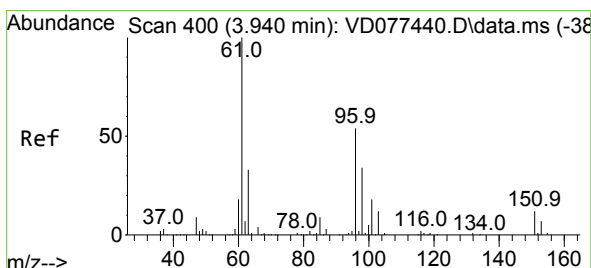
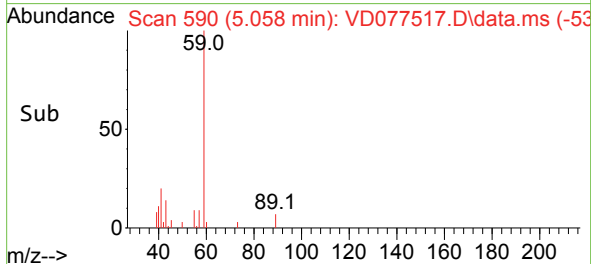
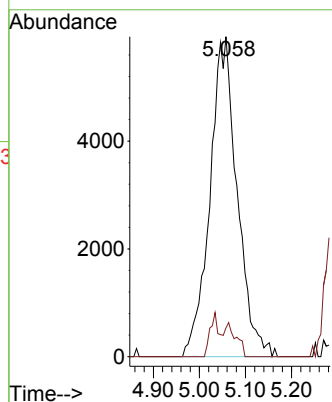


#11
Tert butyl alcohol
Concen: 112.810 ug/l
RT: 5.058 min Scan# 590
Delta R.T. 0.012 min
Lab File: VD077517.D
Acq: 08 Nov 2023 12:56

Instrument :
MSVOA_D
ClientSampleId :

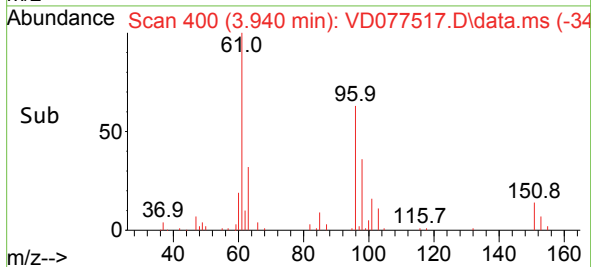
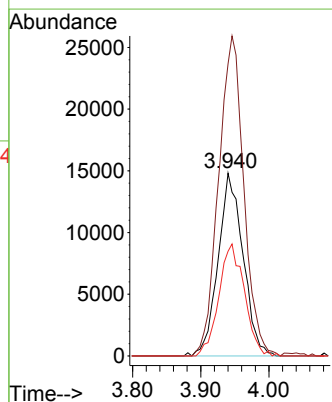
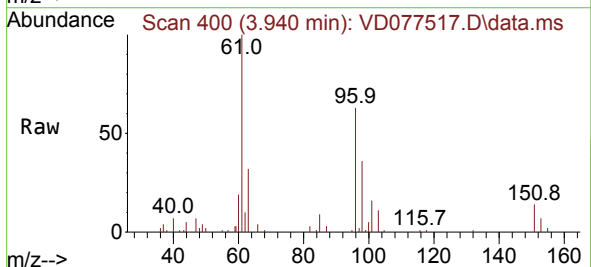


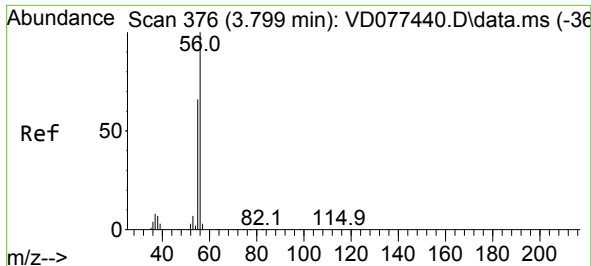
Tgt Ion: 59 Resp: 24439
Ion Ratio Lower Upper
59 100
57 4.2 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 19.486 ug/l
RT: 3.940 min Scan# 400
Delta R.T. 0.000 min
Lab File: VD077517.D
Acq: 08 Nov 2023 12:56

Tgt Ion: 96 Resp: 37654
Ion Ratio Lower Upper
96 100
61 159.9 100.6 150.8#
98 57.3 50.2 75.2

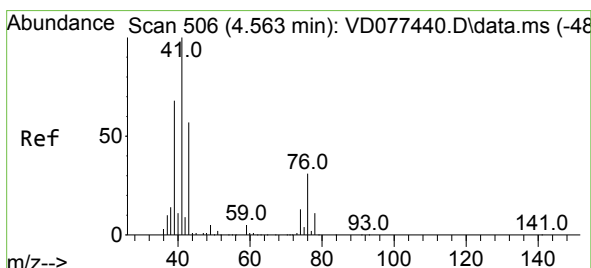
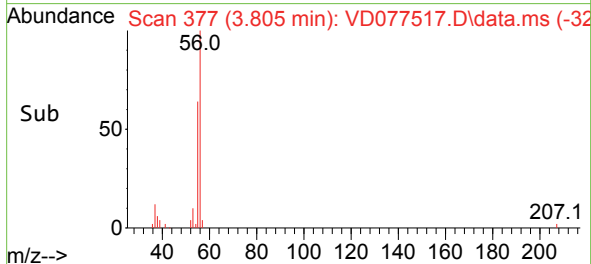
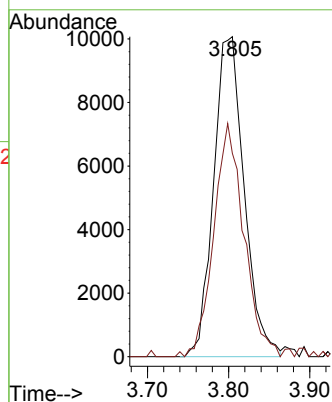
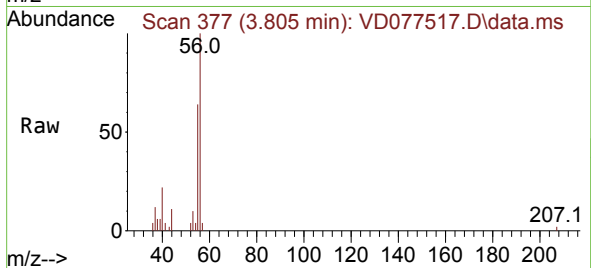




#13
Acrolein
Concen: 92.369 ug/l
RT: 3.805 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD077517.D
Acq: 08 Nov 2023 12:56

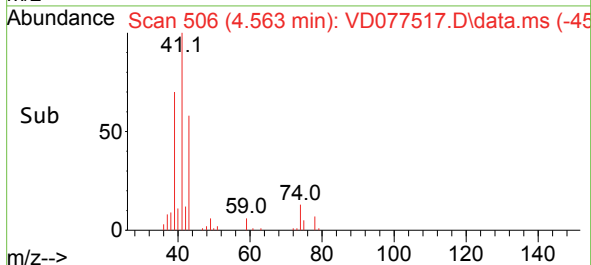
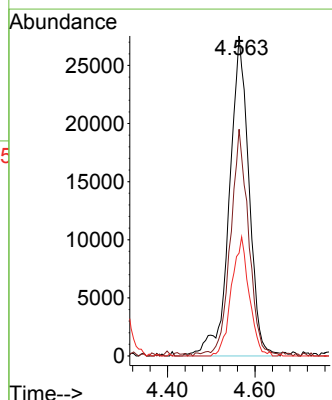
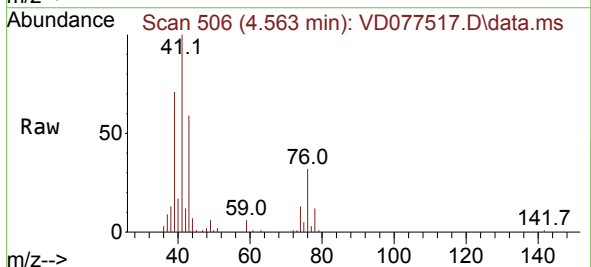
Instrument :
MSVOA_D
ClientSampleId :

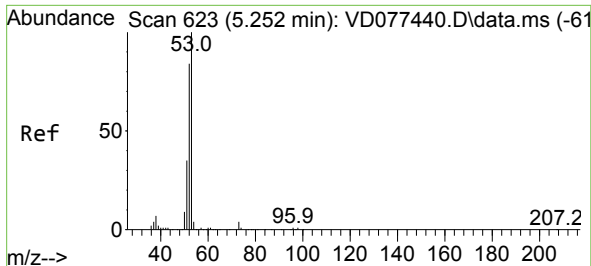
Tgt Ion: 56 Resp: 26388
Ion Ratio Lower Upper
56 100
55 71.7 55.1 82.7



#14
Allyl chloride
Concen: 18.362 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD077517.D
Acq: 08 Nov 2023 12:56

Tgt Ion: 41 Resp: 85596
Ion Ratio Lower Upper
41 100
39 66.1 53.8 80.6
76 33.7 45.8 68.8#

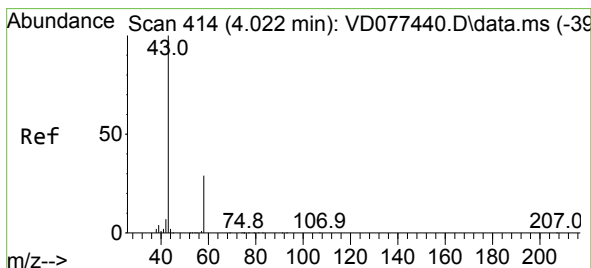
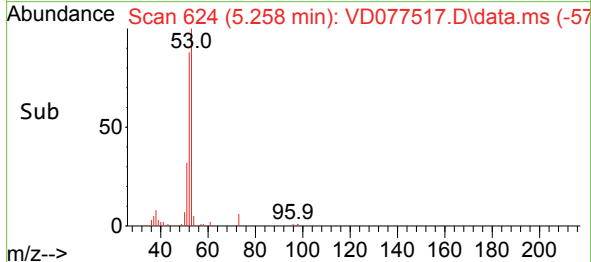
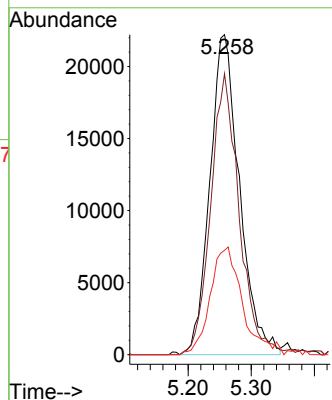
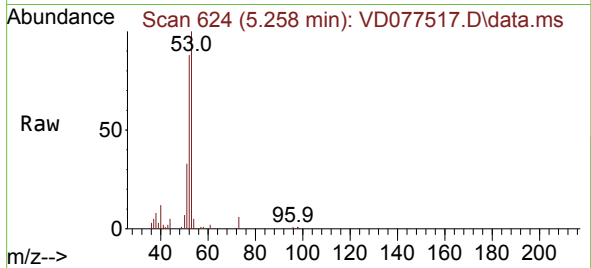




#15
Acrylonitrile
Concen: 110.348 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077517.D
Acq: 08 Nov 2023 12:56

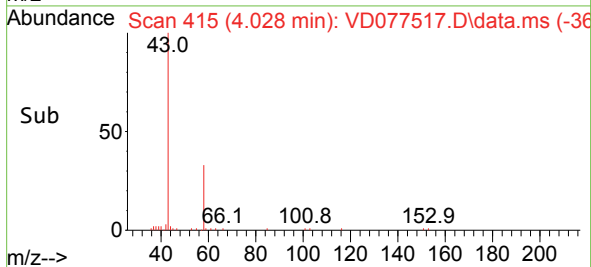
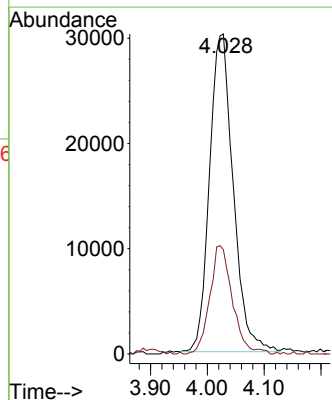
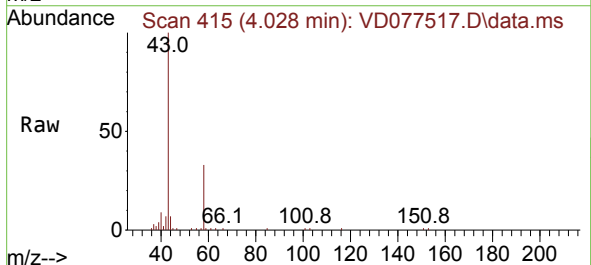
Instrument :
MSVOA_D
ClientSampleId :

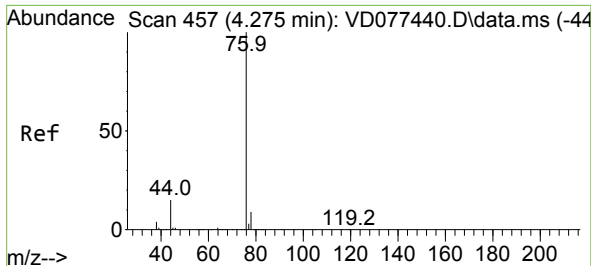
Tgt Ion: 53 Resp: 72499
Ion Ratio Lower Upper
53 100
52 83.6 65.0 97.4
51 36.4 28.3 42.5



#16
Acetone
Concen: 120.972 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD077517.D
Acq: 08 Nov 2023 12:56

Tgt Ion: 43 Resp: 87545
Ion Ratio Lower Upper
43 100
58 32.8 34.7 52.1#

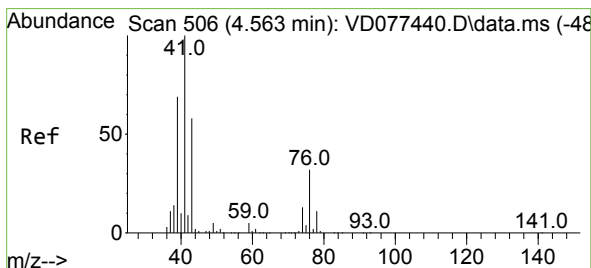
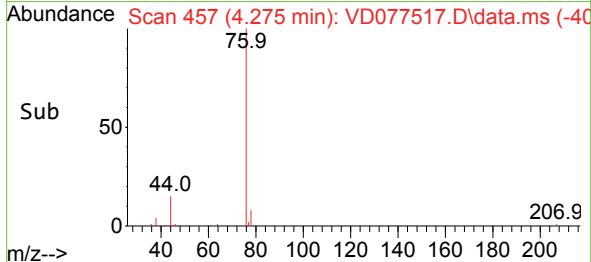
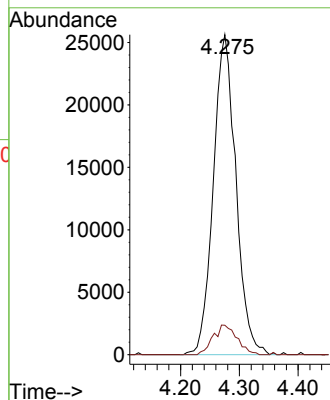
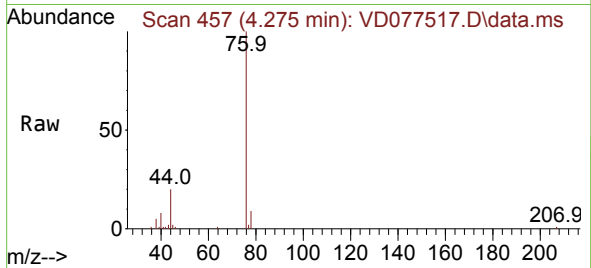




#17
Carbon Disulfide
Concen: 14.369 ug/l
RT: 4.275 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD077517.D
Acq: 08 Nov 2023 12:56

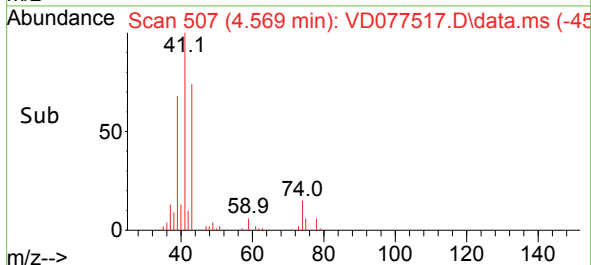
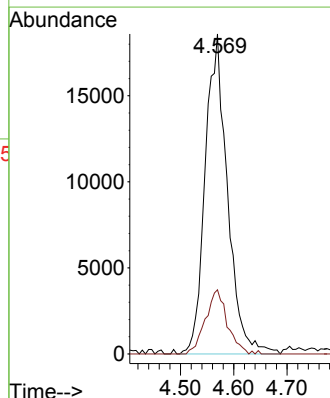
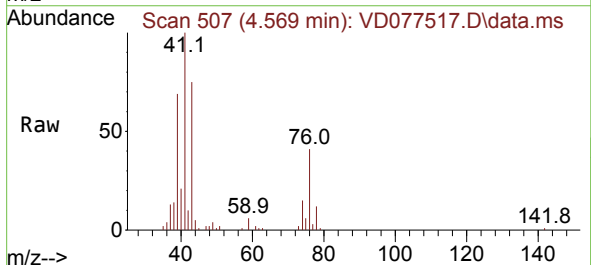
Instrument :
MSVOA_D
ClientSampleId :

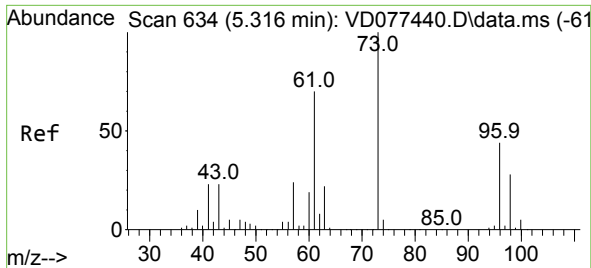
Tgt Ion: 76 Resp: 68393
Ion Ratio Lower Upper
76 100
78 9.2 6.8 10.2



#18
Methyl Acetate
Concen: 20.498 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD077517.D
Acq: 08 Nov 2023 12:56

Tgt Ion: 43 Resp: 54110
Ion Ratio Lower Upper
43 100
74 19.5 26.4 39.6#

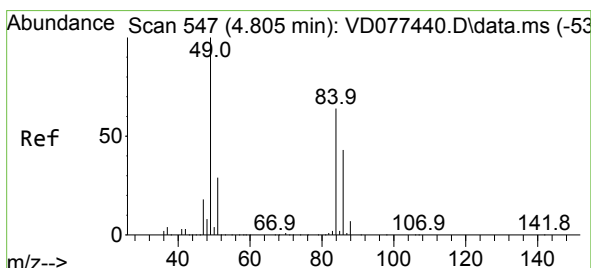
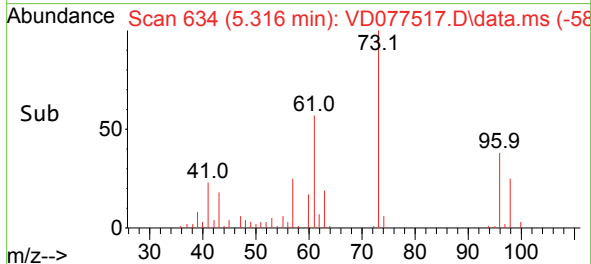
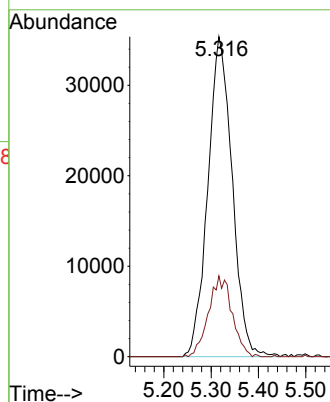
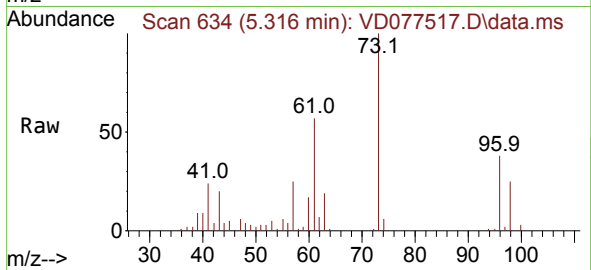




#19
Methyl tert-butyl Ether
Concen: 20.804 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD077517.D
Acq: 08 Nov 2023 12:56

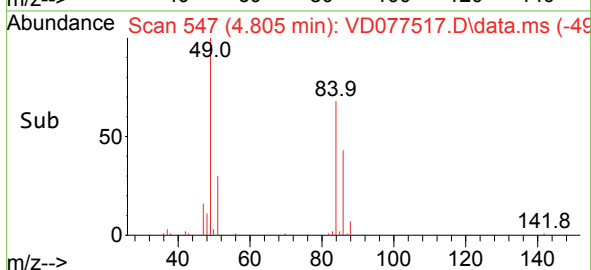
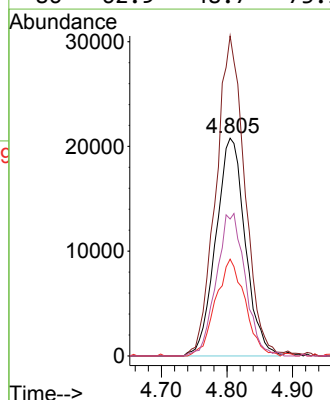
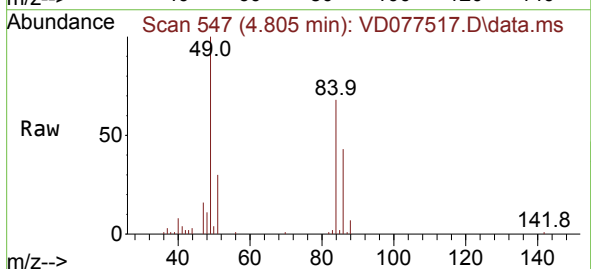
Instrument :
MSVOA_D
ClientSampleId :

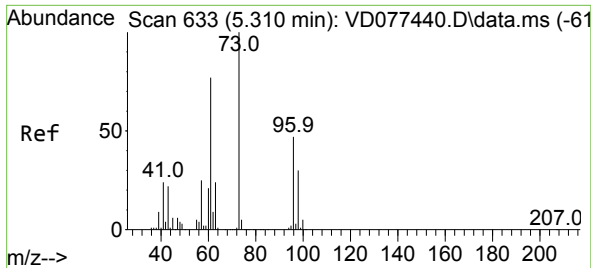
Tgt Ion: 73 Resp: 126192
Ion Ratio Lower Upper
73 100
57 25.2 16.6 25.0#



#20
Methylene Chloride
Concen: 22.441 ug/l
RT: 4.805 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD077517.D
Acq: 08 Nov 2023 12:56

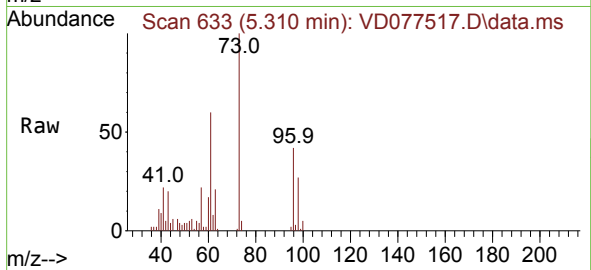
Tgt Ion: 84 Resp: 64678
Ion Ratio Lower Upper
84 100
49 147.0 71.4 107.2#
51 44.5 24.5 36.7#
86 62.9 48.7 73.1



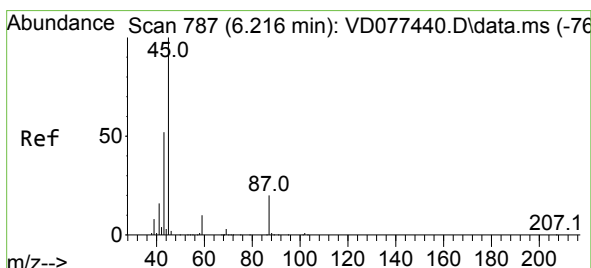
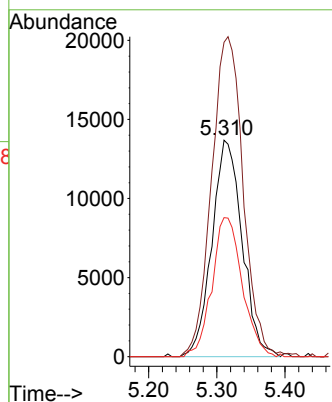
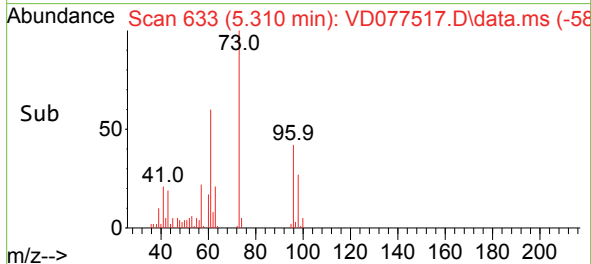


#21
trans-1,2-Dichloroethene
Concen: 18.763 ug/l
RT: 5.310 min Scan# 611
Delta R.T. 0.000 min
Lab File: VD077517.D
Acq: 08 Nov 2023 12:56

Instrument :
MSVOA_D
ClientSampleId :

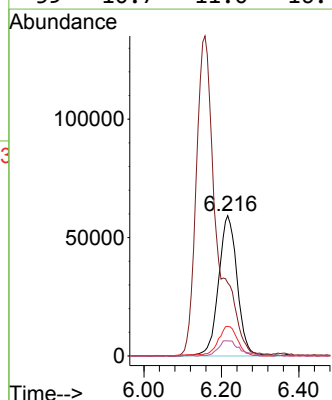
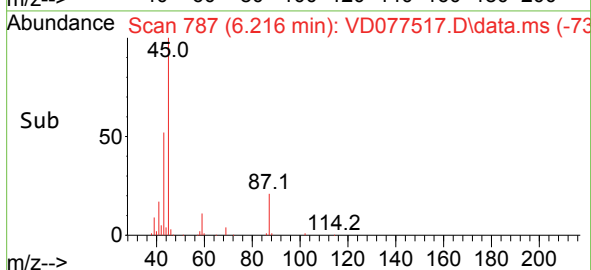
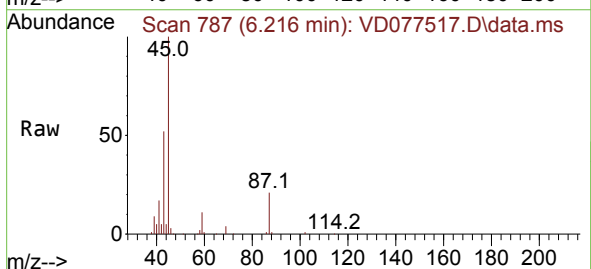


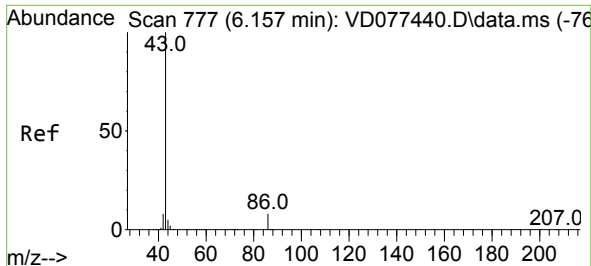
Tgt Ion: 96 Resp: 42227
Ion Ratio Lower Upper
96 100
61 145.2 89.3 133.9#
98 64.2 48.6 73.0



#22
Diisopropyl ether
Concen: 19.968 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD077517.D
Acq: 08 Nov 2023 12:56

Tgt Ion: 45 Resp: 197835
Ion Ratio Lower Upper
45 100
43 51.4 40.0 60.0
87 20.8 28.2 42.4#
59 10.7 11.0 16.4#

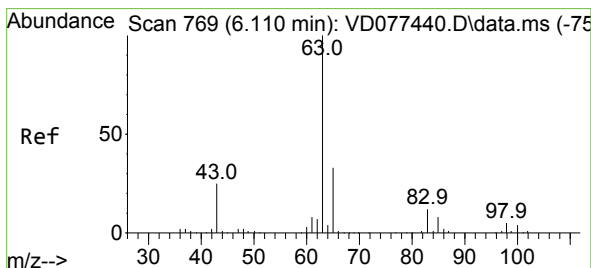
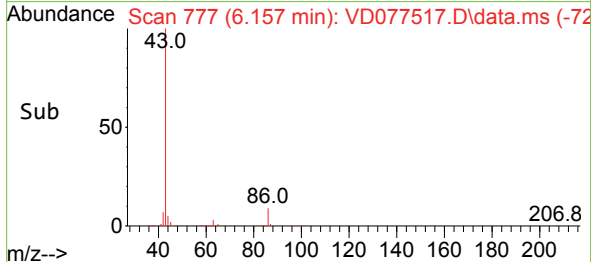
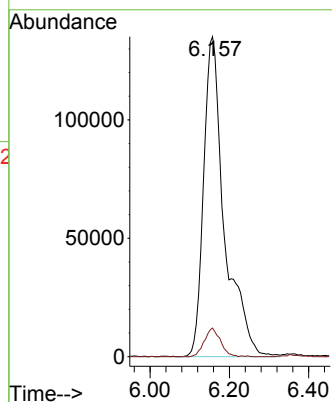
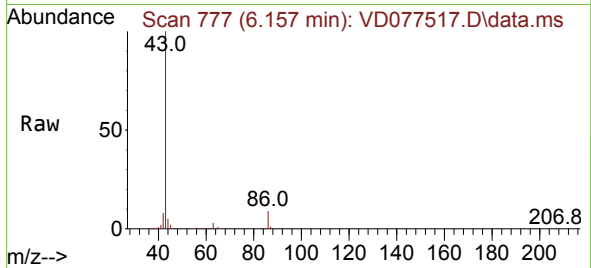




#23
 Vinyl Acetate
 Concen: 115.463 ug/l
 RT: 6.157 min Scan# 711
 Delta R.T. 0.000 min
 Lab File: VD077517.D
 Acq: 08 Nov 2023 12:56

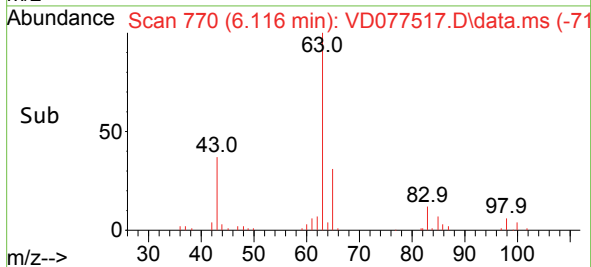
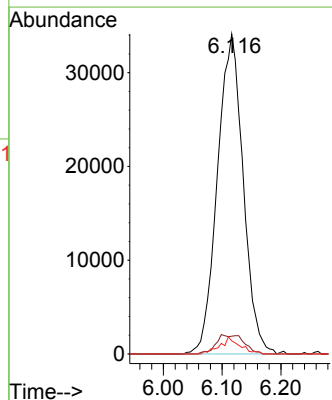
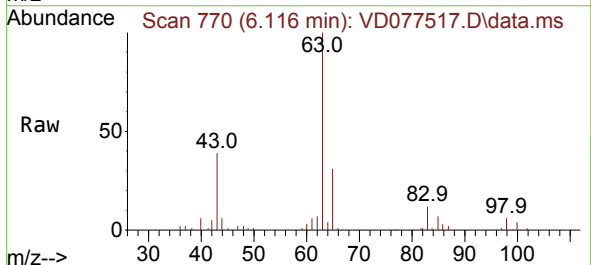
Instrument :
 MSVOA_D
 ClientSampleId :

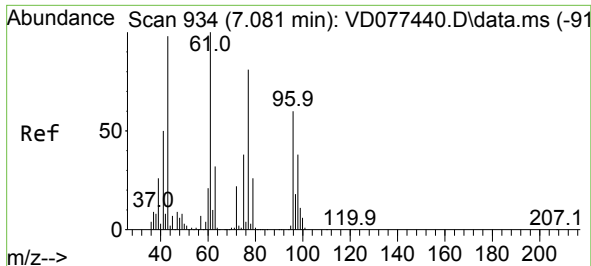
Tgt Ion: 43 Resp: 493532
 Ion Ratio Lower Upper
 43 100
 86 8.9 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 20.207 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VD077517.D
 Acq: 08 Nov 2023 12:56

Tgt Ion: 63 Resp: 103882
 Ion Ratio Lower Upper
 63 100
 98 5.6 4.5 13.7
 100 4.1 2.5 7.5

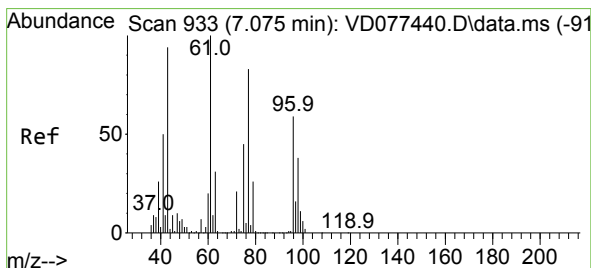
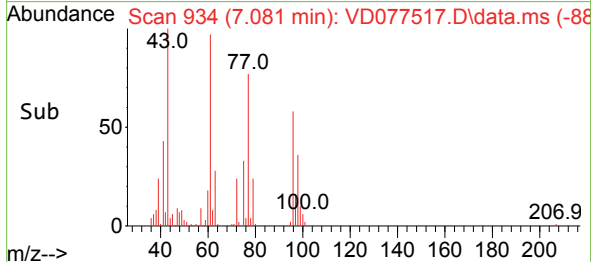
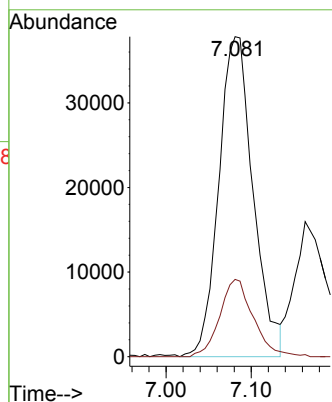
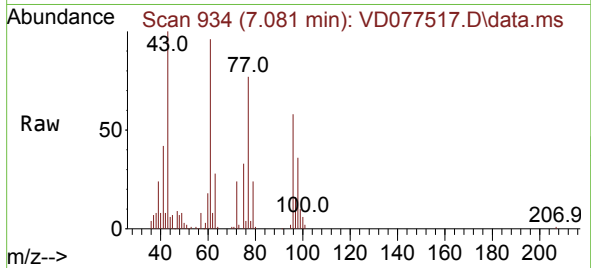




#25
2-Butanone
Concen: 109.574 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD077517.D
Acq: 08 Nov 2023 12:56

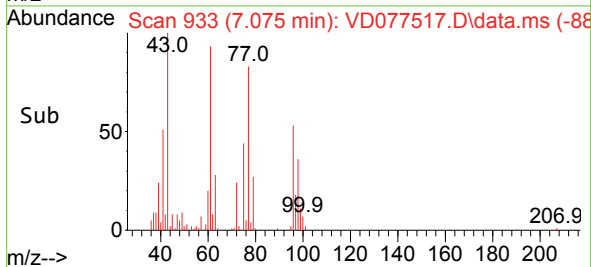
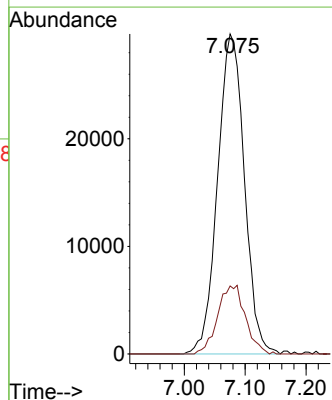
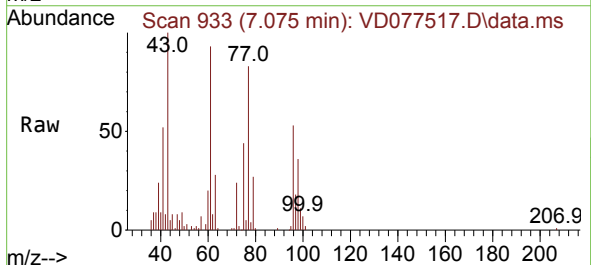
Instrument :
MSVOA_D
ClientSampleId :

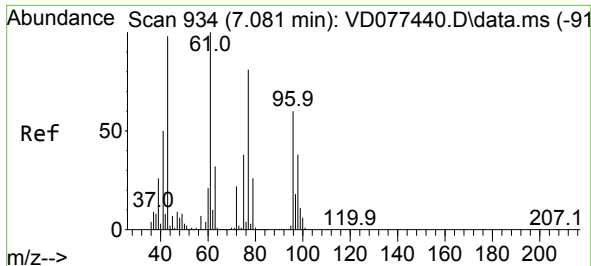
Tgt Ion: 43 Resp: 105769
Ion Ratio Lower Upper
43 100
72 24.1 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 19.949 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD077517.D
Acq: 08 Nov 2023 12:56

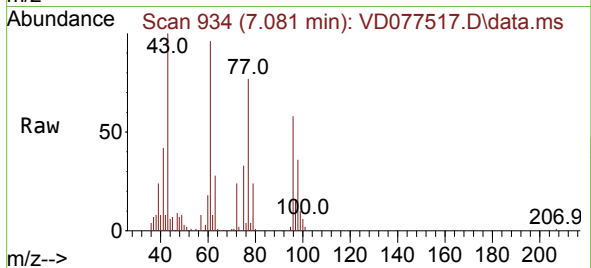
Tgt Ion: 77 Resp: 90885
Ion Ratio Lower Upper
77 100
97 22.2 13.2 39.6



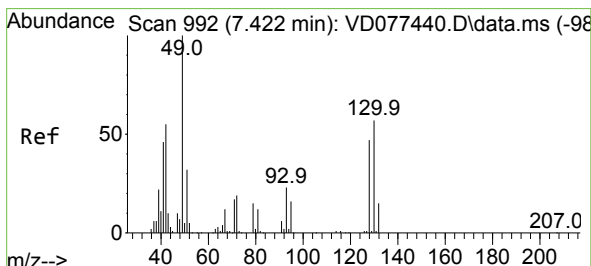
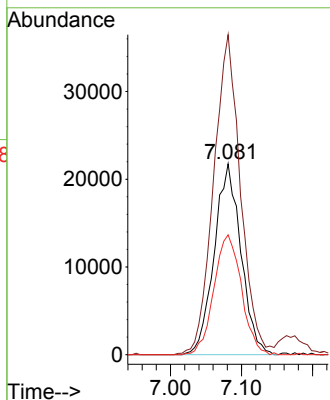
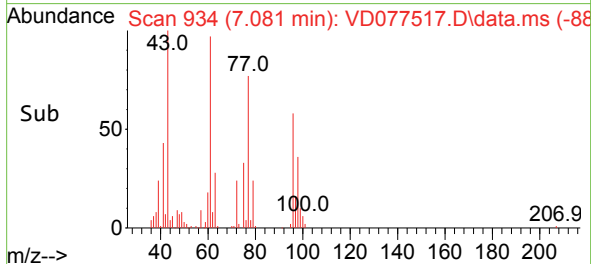


#27
 cis-1,2-Dichloroethene
 Concen: 20.354 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VD077517.D
 Acq: 08 Nov 2023 12:56

Instrument :
 MSVOA_D
 ClientSampleId :

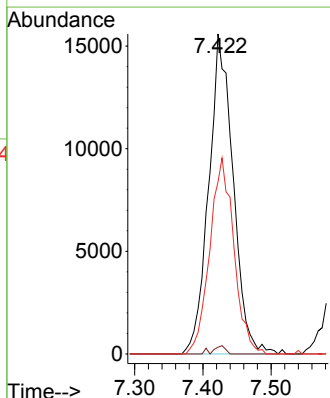
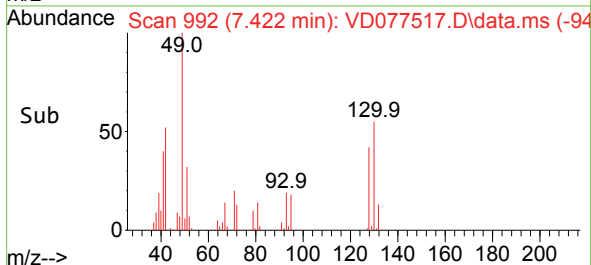
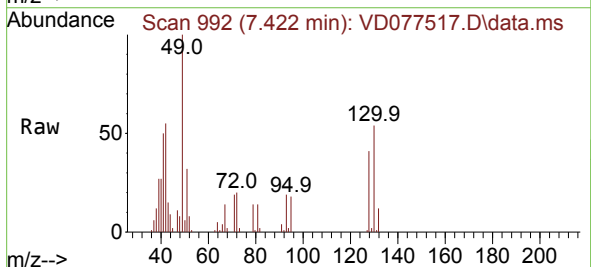


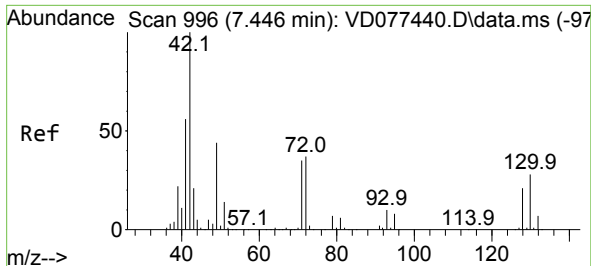
Tgt Ion: 96 Resp: 56749
 Ion Ratio Lower Upper
 96 100
 61 169.2 0.0 239.2
 98 64.7 0.0 128.6



#28
 Bromochloromethane
 Concen: 18.026 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. 0.000 min
 Lab File: VD077517.D
 Acq: 08 Nov 2023 12:56

Tgt Ion: 49 Resp: 38737
 Ion Ratio Lower Upper
 49 100
 129 1.1 0.0 6.0
 130 60.6 83.2 124.8#





#29

Tetrahydrofuran

Concen: 103.692 ug/l

RT: 7.446 min Scan# 996

Delta R.T. 0.000 min

Lab File: VD077517.D

Acq: 08 Nov 2023 12:56

Instrument :

MSVOA_D

ClientSampleId :

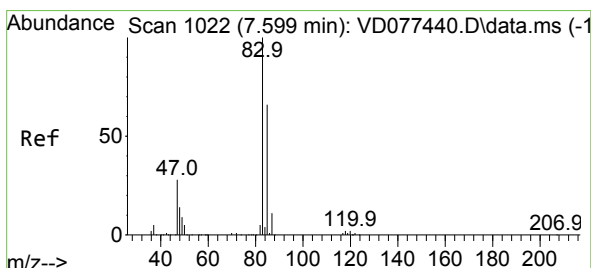
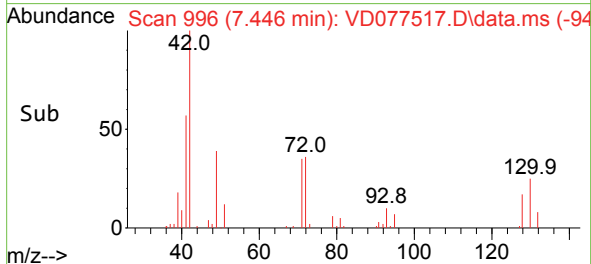
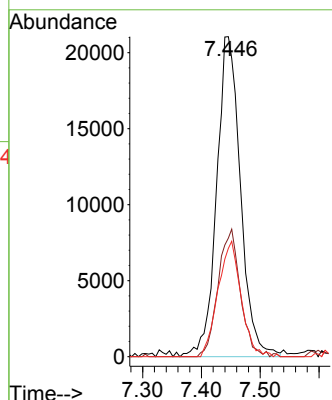
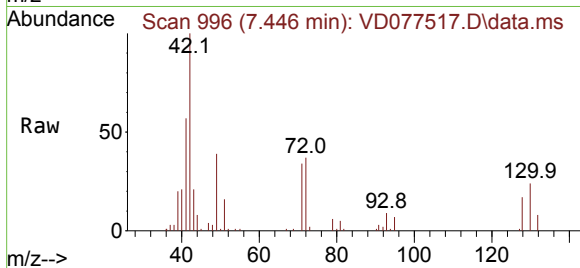
Tgt Ion: 42 Resp: 59363

Ion Ratio Lower Upper

42 100

72 37.1 46.5 69.7#

71 34.9 44.5 66.7#



#30

Chloroform

Concen: 20.809 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VD077517.D

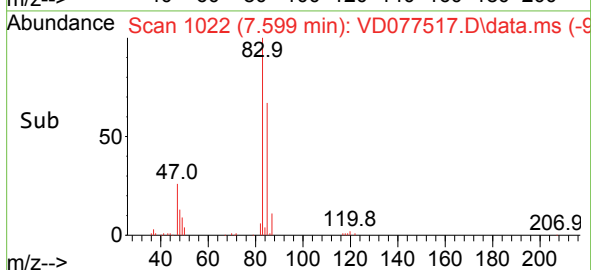
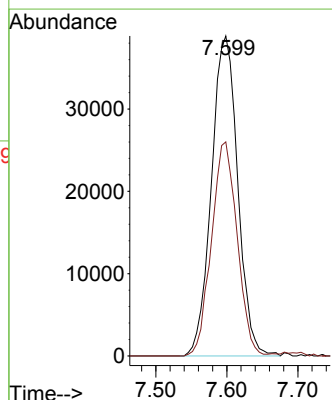
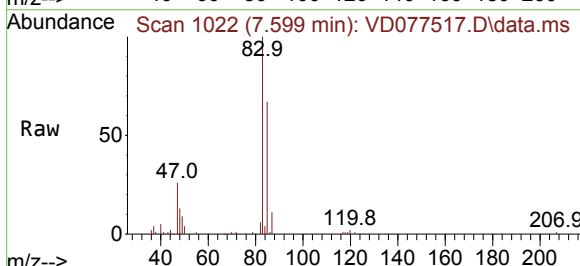
Acq: 08 Nov 2023 12:56

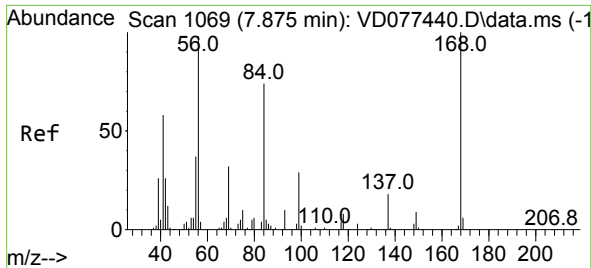
Tgt Ion: 83 Resp: 99884

Ion Ratio Lower Upper

83 100

85 66.9 53.4 80.2

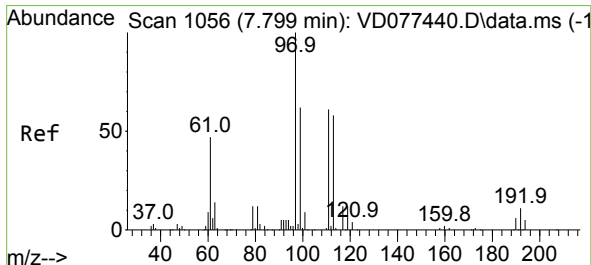
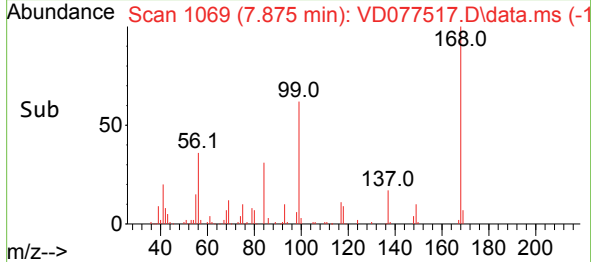
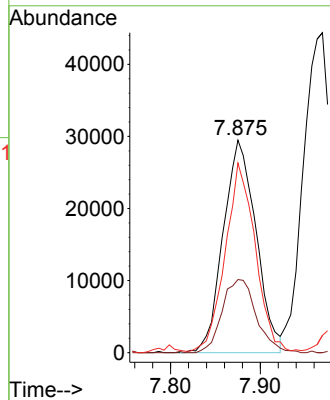
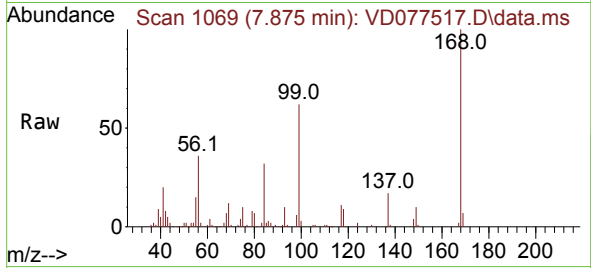




#31
Cyclohexane
Concen: 17.493 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077517.D
Acq: 08 Nov 2023 12:56

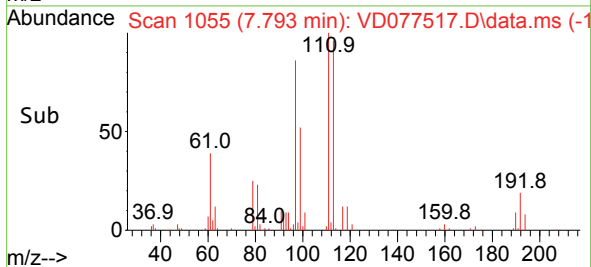
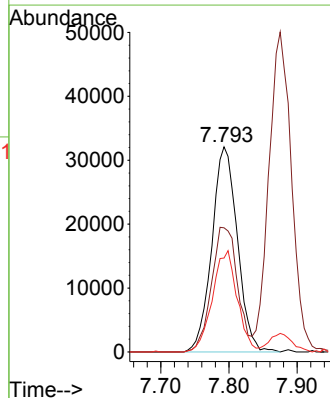
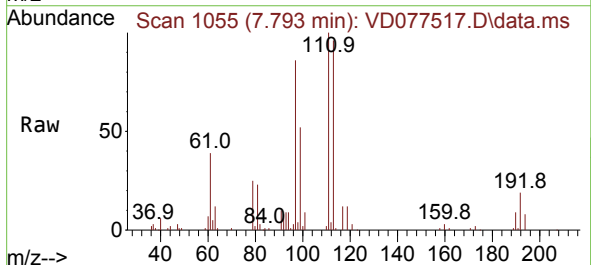
Instrument :
MSVOA_D
ClientSampleId :

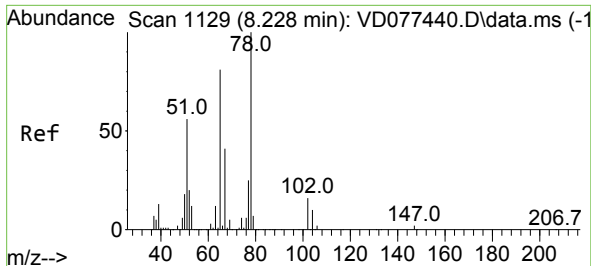
Tgt Ion: 56 Resp: 74788
Ion Ratio Lower Upper
56 100
69 33.8 28.6 43.0
84 88.0 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 21.113 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VD077517.D
Acq: 08 Nov 2023 12:56

Tgt Ion: 97 Resp: 83501
Ion Ratio Lower Upper
97 100
99 62.5 52.0 78.0
61 48.0 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 52.194 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD077517.D

Acq: 08 Nov 2023 12:56

Instrument :

MSVOA_D

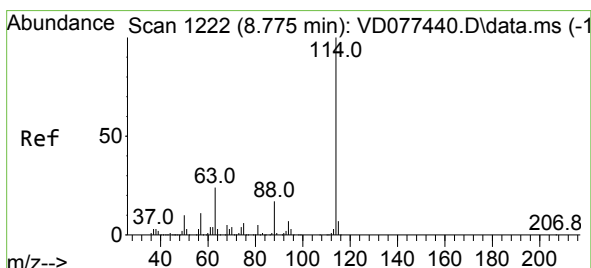
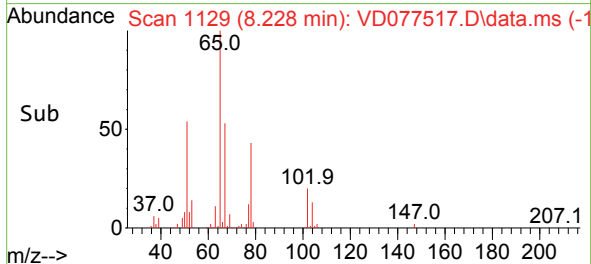
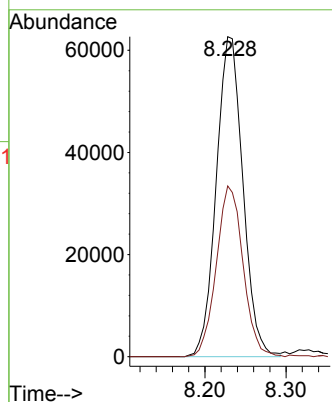
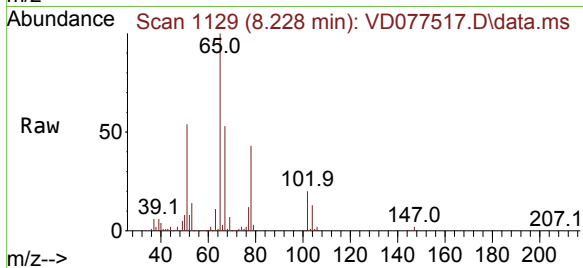
ClientSampleId :

Tgt Ion: 65 Resp: 142745

Ion Ratio Lower Upper

65 100

67 53.6 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD077517.D

Acq: 08 Nov 2023 12:56

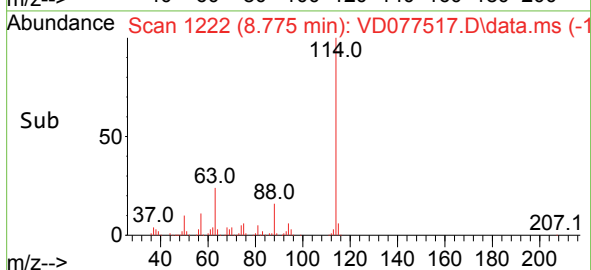
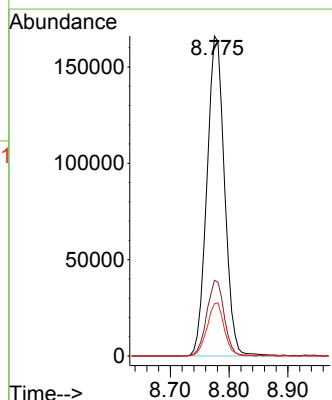
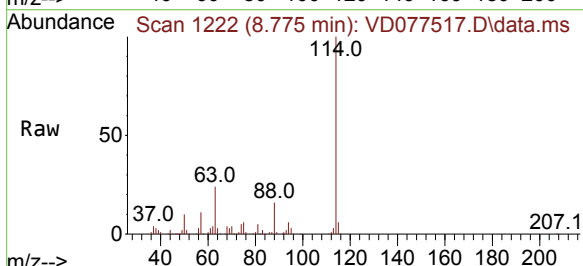
Tgt Ion: 114 Resp: 344598

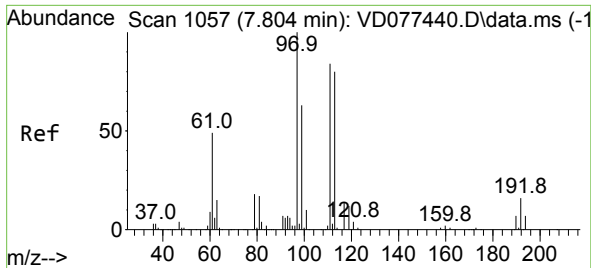
Ion Ratio Lower Upper

114 100

63 23.7 0.0 33.4

88 16.3 0.0 26.2

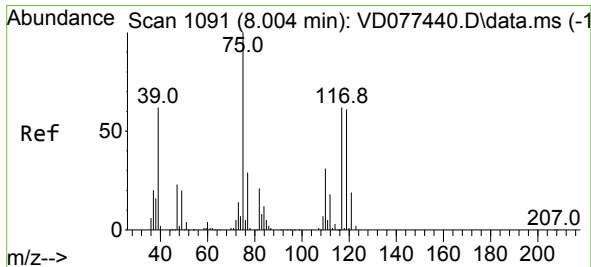
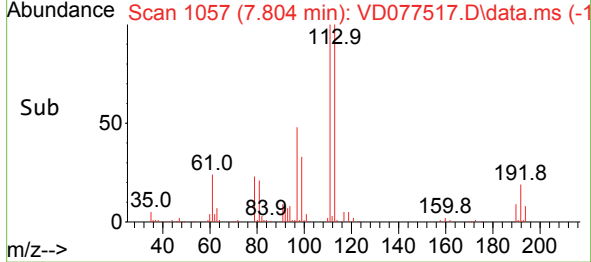
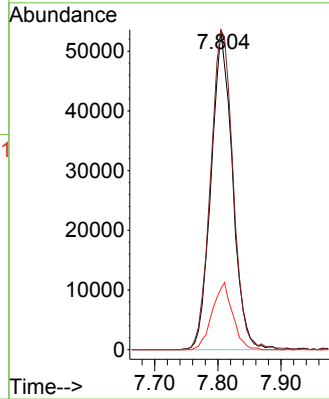
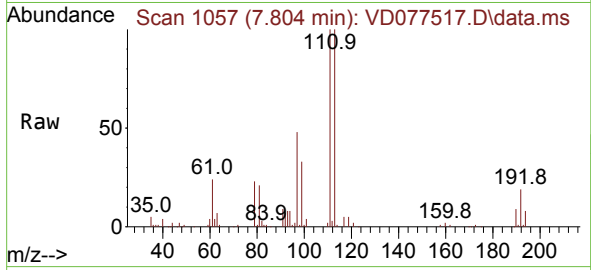




#35
Dibromofluoromethane
Concen: 52.567 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD077517.D
Acq: 08 Nov 2023 12:56

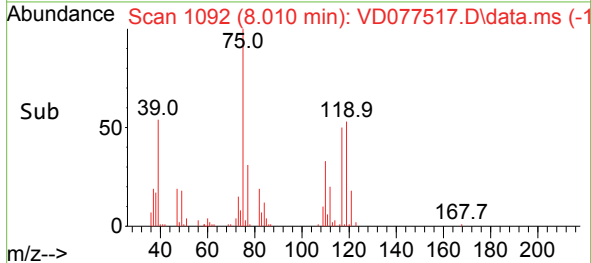
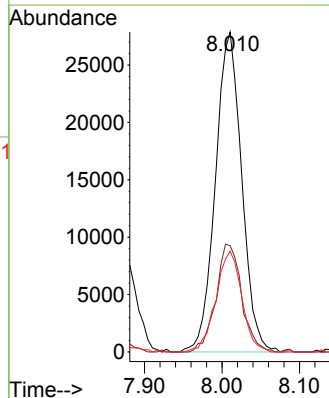
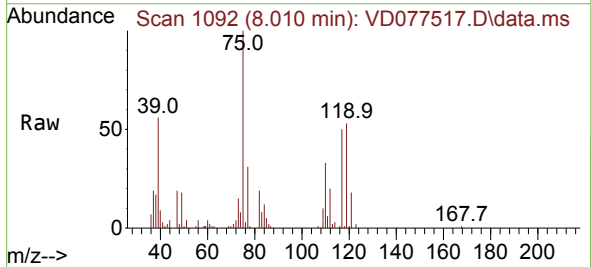
Instrument :
MSVOA_D
ClientSampleId :

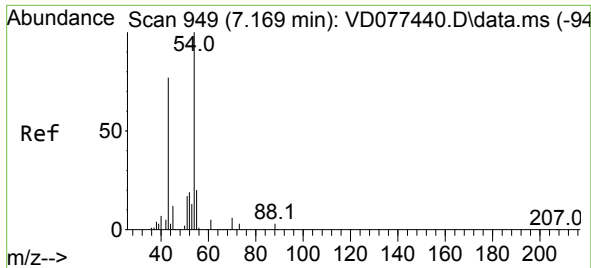
Tgt Ion:113 Resp: 125200
Ion Ratio Lower Upper
113 100
111 106.1 84.7 127.1
192 20.1 16.8 25.2



#36
1,1-Dichloropropene
Concen: 18.621 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.006 min
Lab File: VD077517.D
Acq: 08 Nov 2023 12:56

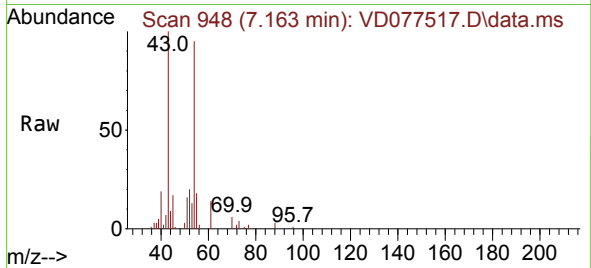
Tgt Ion: 75 Resp: 65755
Ion Ratio Lower Upper
75 100
110 33.0 19.9 59.6
77 31.0 24.7 37.1



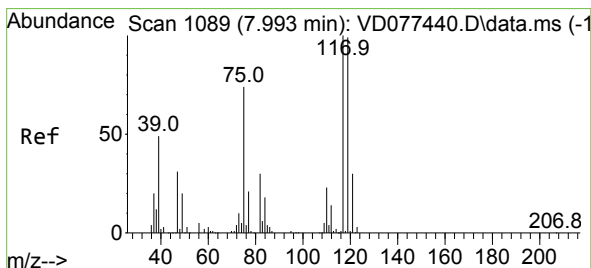
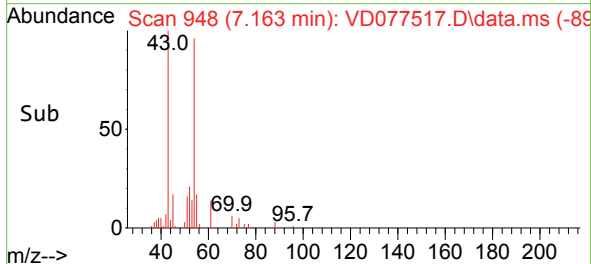
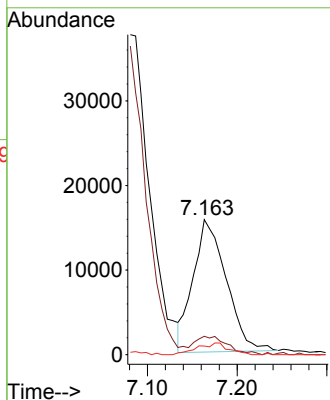


#37
Ethyl Acetate
Concen: 19.848 ug/l
RT: 7.163 min Scan# 949
Delta R.T. -0.006 min
Lab File: VD077517.D
Acq: 08 Nov 2023 12:56

Instrument :
MSVOA_D
ClientSampleId :

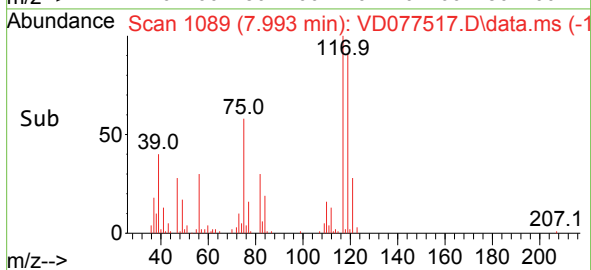
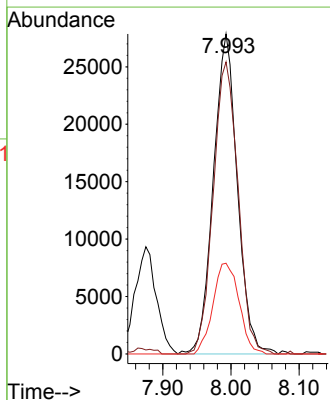
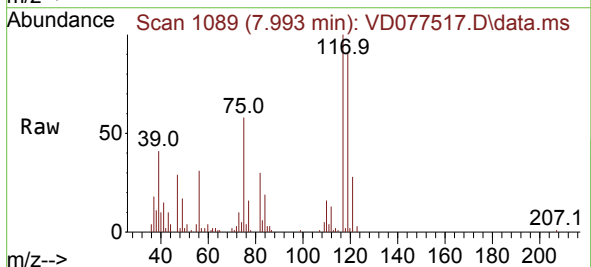


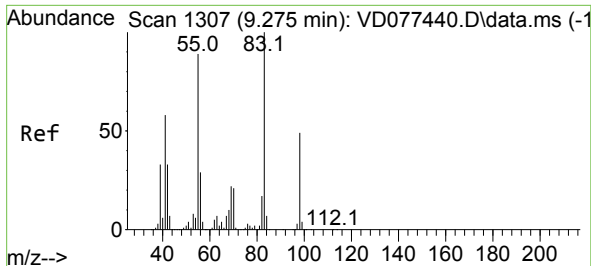
Tgt Ion: 43 Resp: 40224
Ion Ratio Lower Upper
43 100
61 13.4 14.9 22.3#
70 8.3 10.0 15.0#



#38
Carbon Tetrachloride
Concen: 20.473 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD077517.D
Acq: 08 Nov 2023 12:56

Tgt Ion: 117 Resp: 68128
Ion Ratio Lower Upper
117 100
119 91.3 78.0 117.0
121 28.4 24.2 36.2





#39

Methylcyclohexane

Concen: 17.765 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. -0.006 min

Lab File: VD077517.D

Acq: 08 Nov 2023 12:56

Instrument :

MSVOA_D

ClientSampleId :

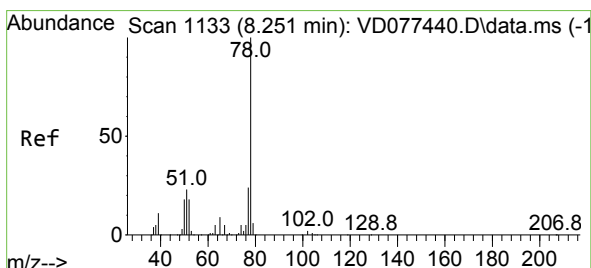
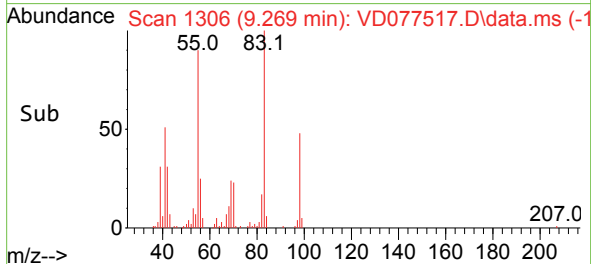
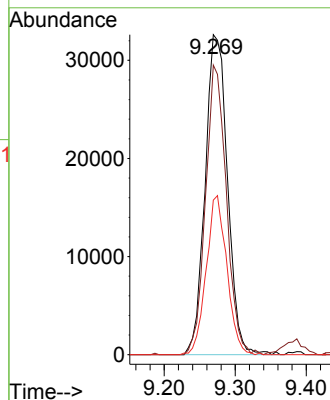
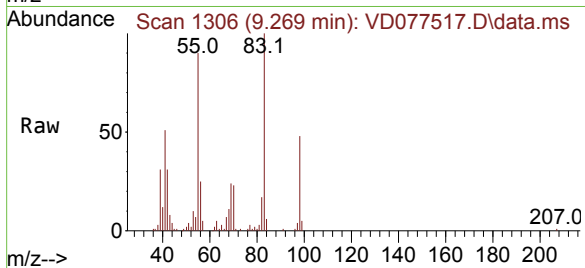
Tgt Ion: 83 Resp: 71579

Ion Ratio Lower Upper

83 100

55 90.5 49.4 74.0#

98 48.3 38.4 57.6



#40

Benzene

Concen: 19.934 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD077517.D

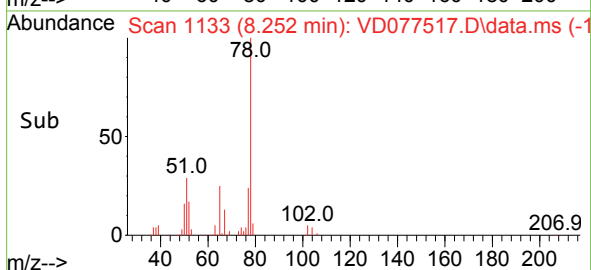
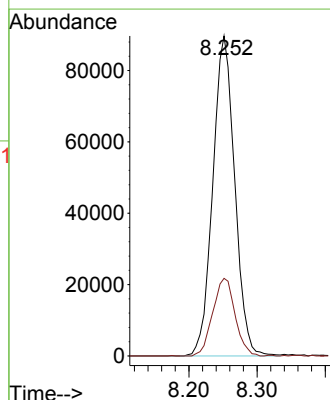
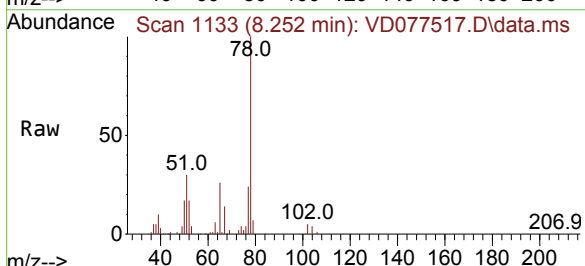
Acq: 08 Nov 2023 12:56

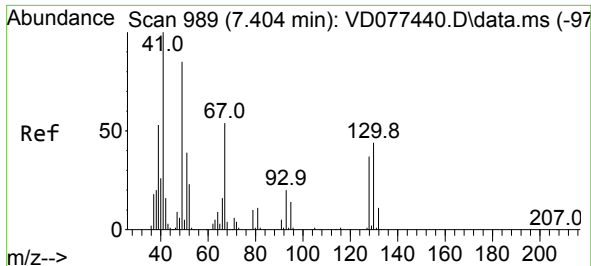
Tgt Ion: 78 Resp: 200726

Ion Ratio Lower Upper

78 100

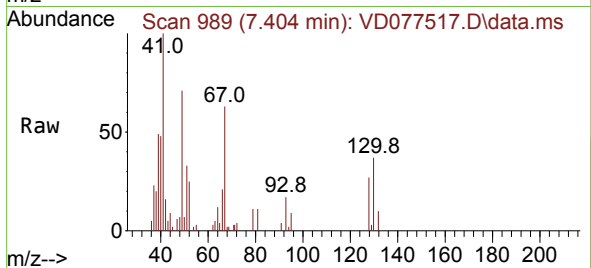
77 24.3 19.4 29.0



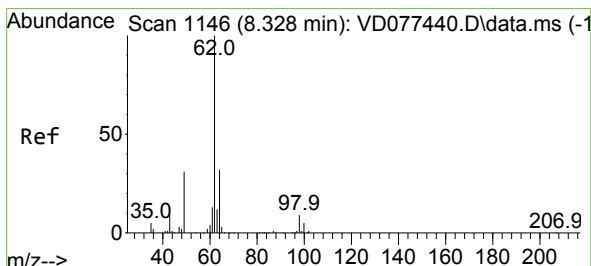
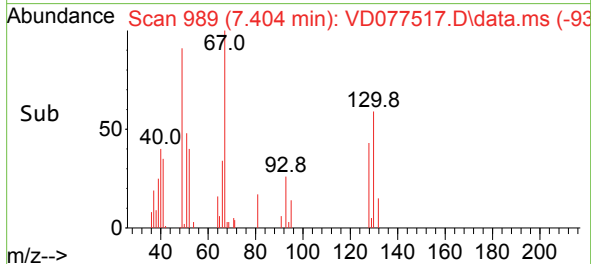
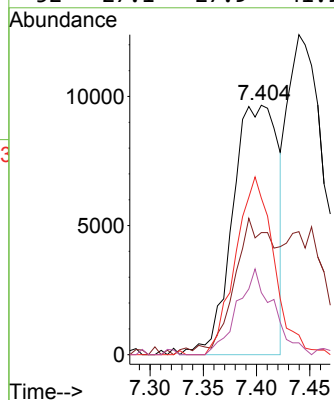


#41
Methacrylonitrile
Concen: 22.060 ug/l
RT: 7.404 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD077517.D
Acq: 08 Nov 2023 12:56

Instrument :
MSVOA_D
ClientSampleId :

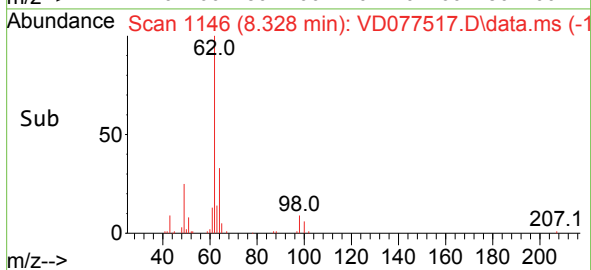
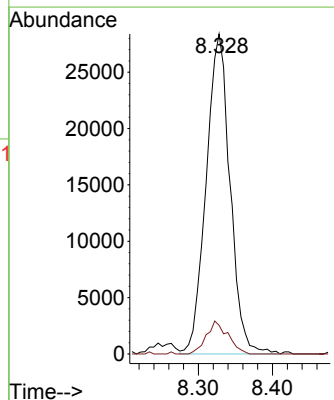
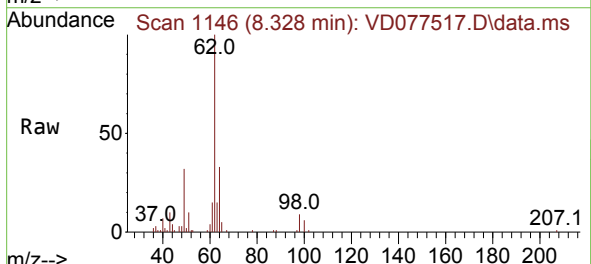


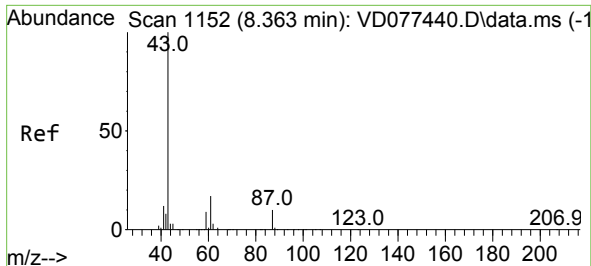
Tgt Ion:	41	Resp:	28605
Ion Ratio	Lower	Upper	
41	100		
39	50.0	34.0	51.0
67	60.2	77.0	115.4#
52	27.1	27.9	41.9#



#42
1,2-Dichloroethane
Concen: 19.940 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD077517.D
Acq: 08 Nov 2023 12:56

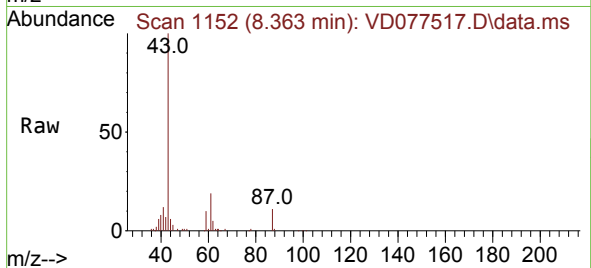
Tgt Ion:	62	Resp:	63595
Ion Ratio	Lower	Upper	
62	100		
98	9.2	0.0	25.4



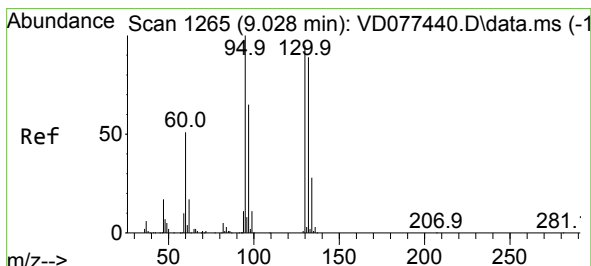
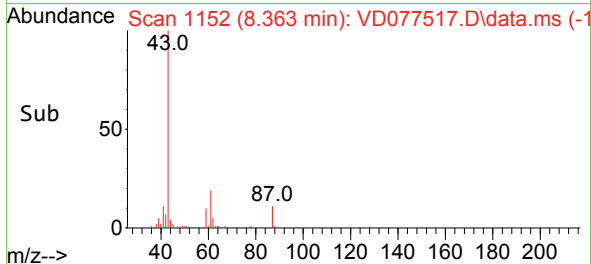
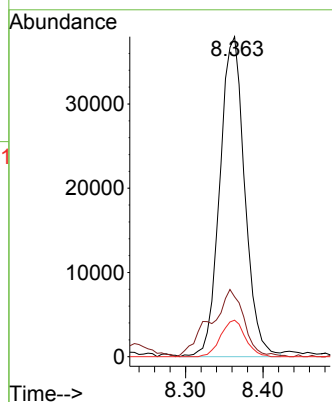


#43
Isopropyl Acetate
Concen: 20.297 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD077517.D
Acq: 08 Nov 2023 12:56

Instrument :
MSVOA_D
ClientSampleId :

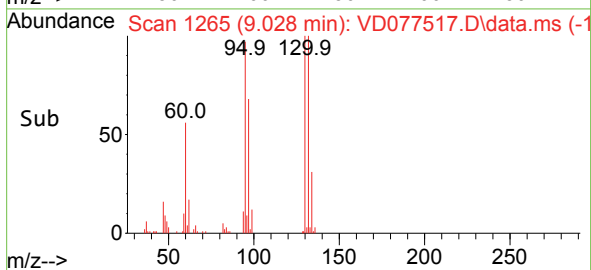
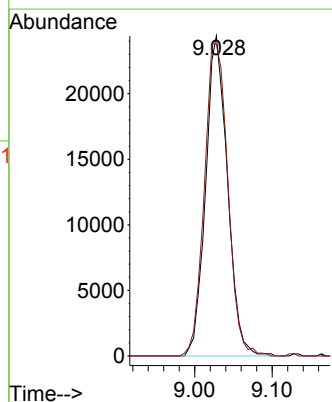
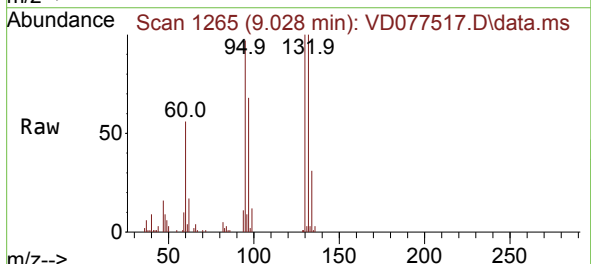


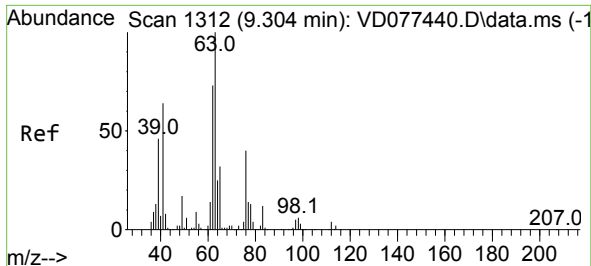
Tgt Ion: 43 Resp: 84885
Ion Ratio Lower Upper
43 100
61 28.3 31.4 47.0#
87 11.2 14.9 22.3#



#44
Trichloroethene
Concen: 19.396 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD077517.D
Acq: 08 Nov 2023 12:56

Tgt Ion:130 Resp: 47841
Ion Ratio Lower Upper
130 100
95 97.4 0.0 179.2

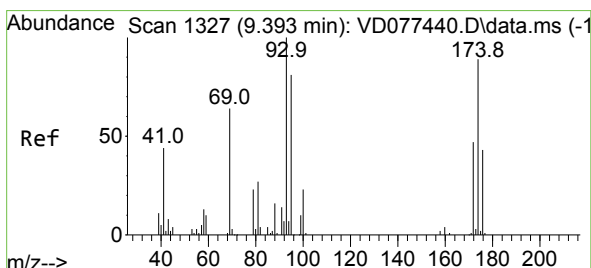
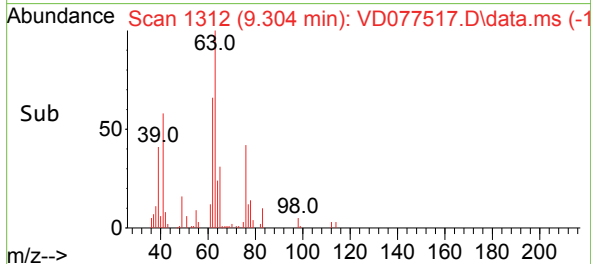
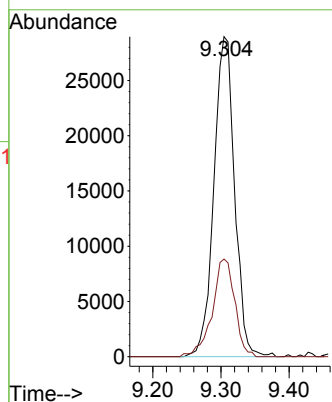
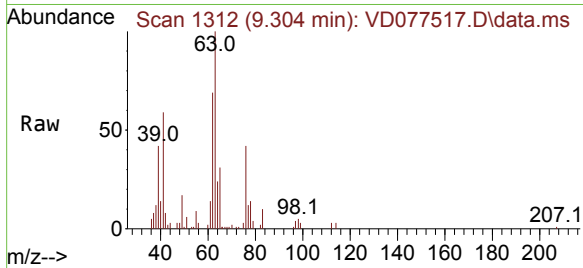




#45
1,2-Dichloropropane
Concen: 20.710 ug/l
RT: 9.304 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077517.D
Acq: 08 Nov 2023 12:56

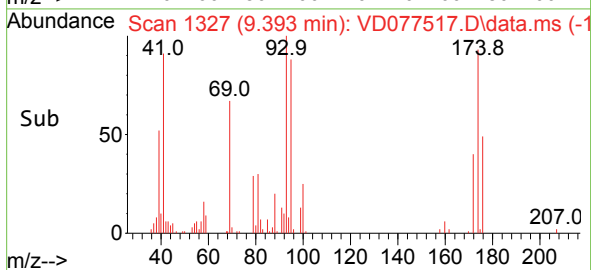
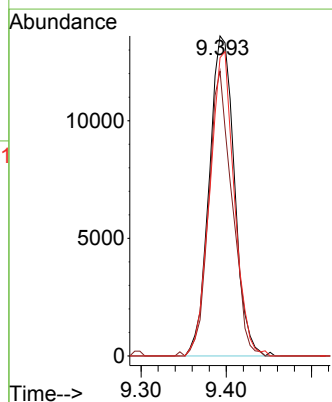
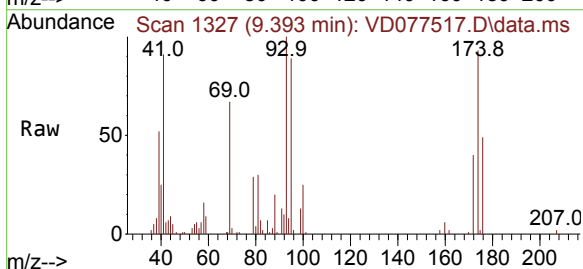
Instrument :
MSVOA_D
ClientSampleId :

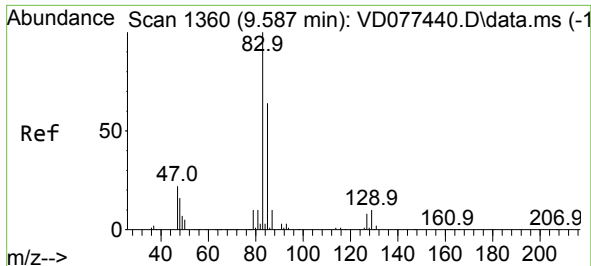
Tgt Ion: 63 Resp: 61395
Ion Ratio Lower Upper
63 100
65 30.5 24.5 36.7



#46
Dibromomethane
Concen: 19.621 ug/l
RT: 9.393 min Scan# 1327
Delta R.T. 0.000 min
Lab File: VD077517.D
Acq: 08 Nov 2023 12:56

Tgt Ion: 93 Resp: 27993
Ion Ratio Lower Upper
93 100
95 82.4 67.7 101.5
174 92.2 85.4 128.2

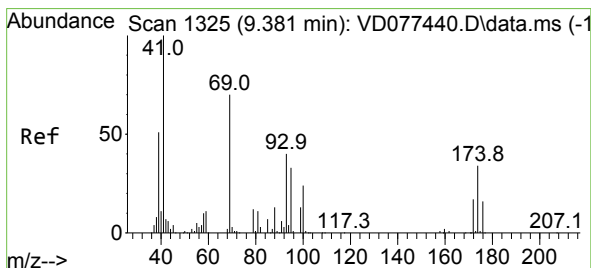
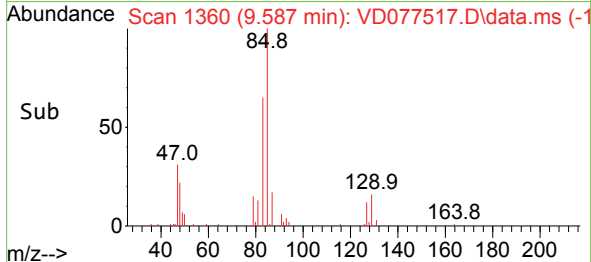
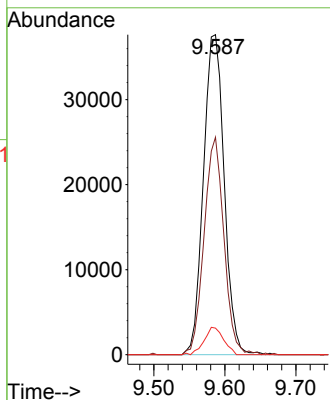
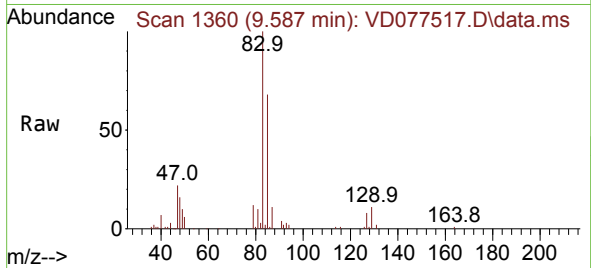




#47
Bromodichloromethane
Concen: 20.281 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD077517.D
Acq: 08 Nov 2023 12:56

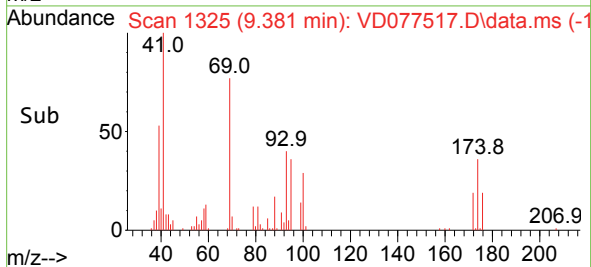
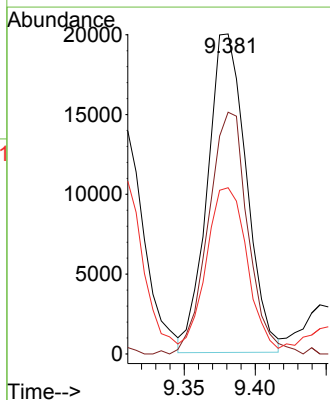
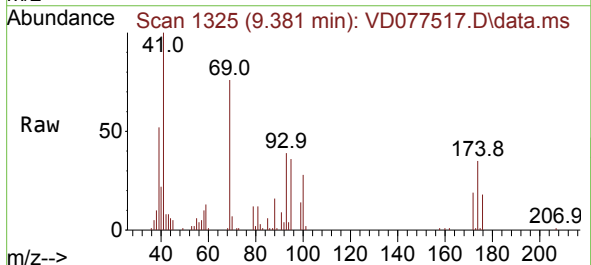
Instrument :
MSVOA_D
ClientSampleId :

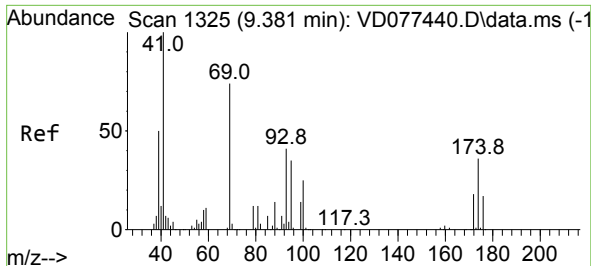
Tgt Ion: 83 Resp: 76478
Ion Ratio Lower Upper
83 100
85 67.9 50.2 75.4
127 8.3 6.3 9.5



#48
Methyl methacrylate
Concen: 19.064 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD077517.D
Acq: 08 Nov 2023 12:56

Tgt Ion: 41 Resp: 38058
Ion Ratio Lower Upper
41 100
69 77.3 102.2 153.2#
39 54.3 41.4 62.2





#49

1,4-Dioxane

Concen: 430.399 ug/l

RT: 9.381 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD077517.D

Acq: 08 Nov 2023 12:56

Instrument :

MSVOA_D

ClientSampleId :

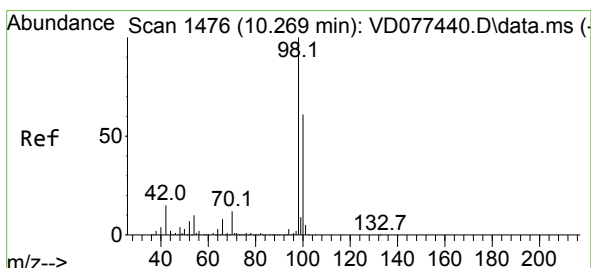
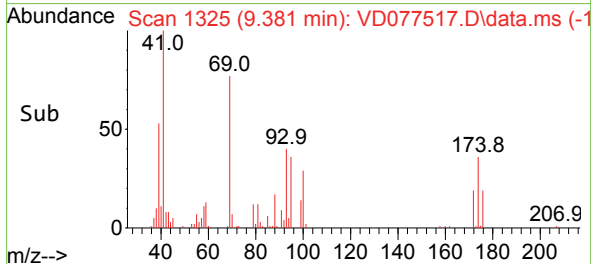
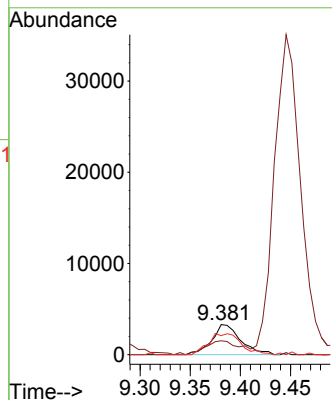
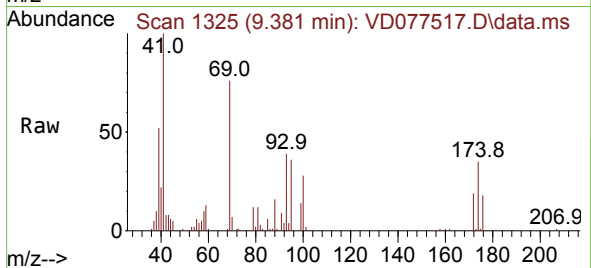
Tgt Ion: 88 Resp: 6598

Ion Ratio Lower Upper

88 100

43 56.1 19.0 28.6#

58 79.7 43.5 65.3#



#50

Toluene-d8

Concen: 55.666 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD077517.D

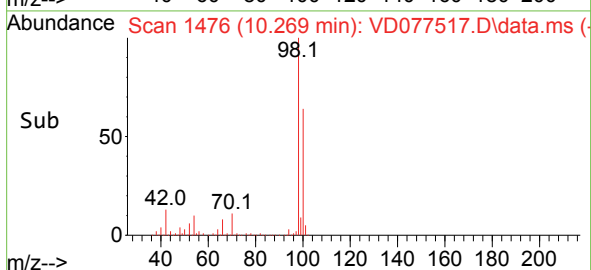
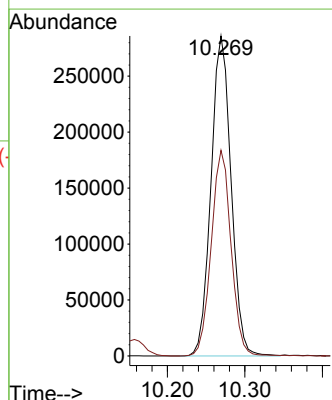
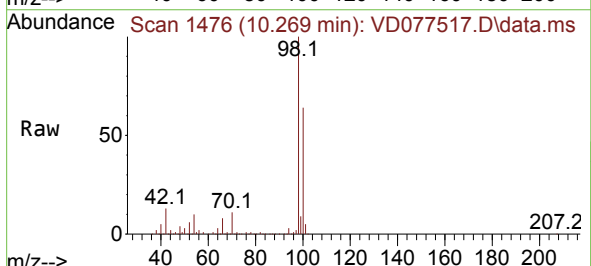
Acq: 08 Nov 2023 12:56

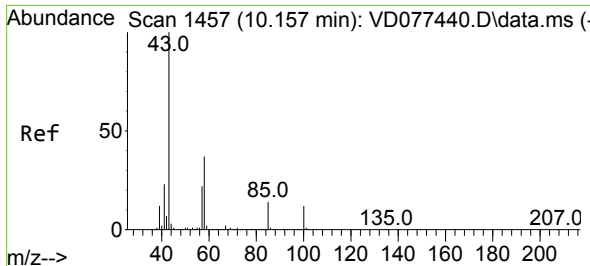
Tgt Ion: 98 Resp: 514983

Ion Ratio Lower Upper

98 100

100 63.5 50.3 75.5

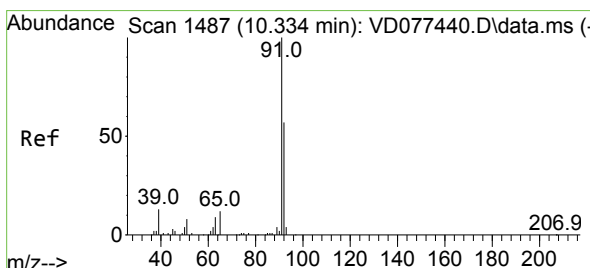
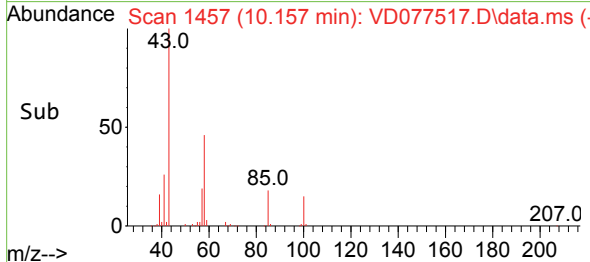
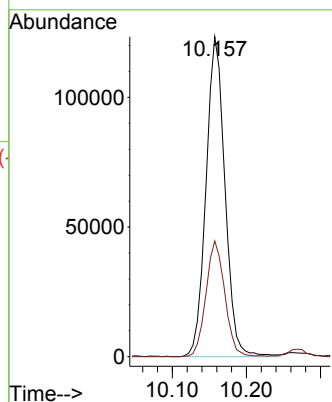
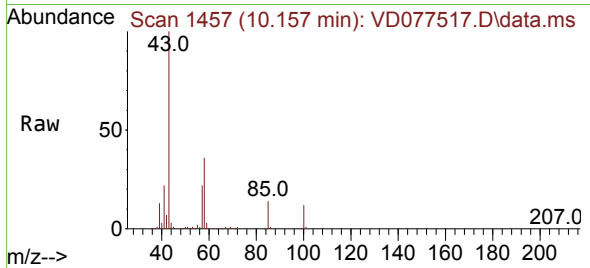




#51
4-Methyl-2-Pentanone
Concen: 106.596 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077517.D
Acq: 08 Nov 2023 12:56

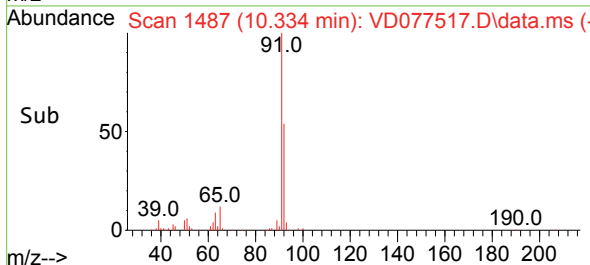
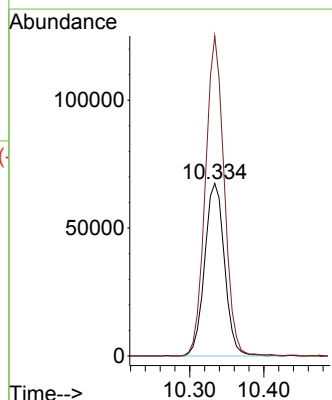
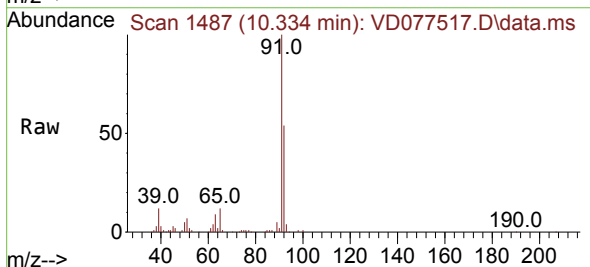
Instrument :
MSVOA_D
ClientSampleId :

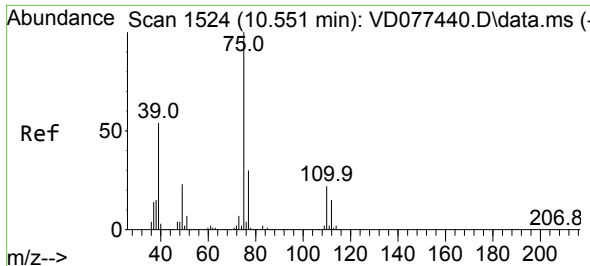
Tgt Ion: 43 Resp: 219425
Ion Ratio Lower Upper
43 100
58 36.0 38.9 58.3#



#52
Toluene
Concen: 20.448 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD077517.D
Acq: 08 Nov 2023 12:56

Tgt Ion: 92 Resp: 125521
Ion Ratio Lower Upper
92 100
91 176.6 143.0 214.4

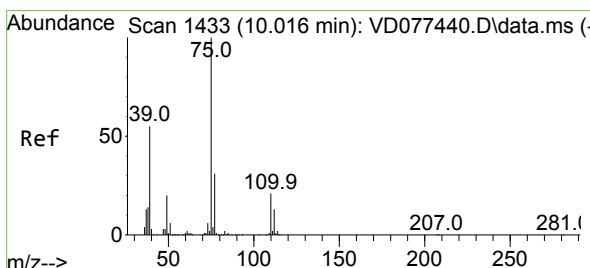
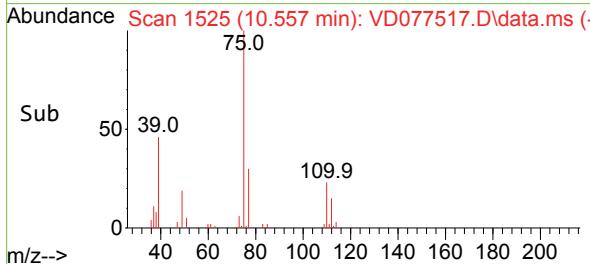
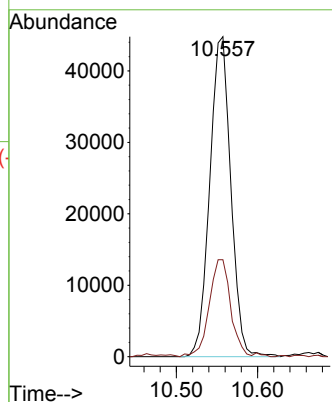
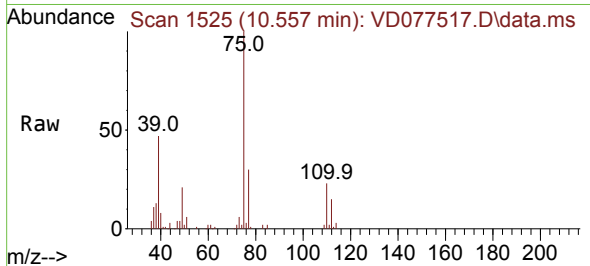




#53
 t-1,3-Dichloropropene
 Concen: 20.217 ug/l
 RT: 10.557 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VD077517.D
 Acq: 08 Nov 2023 12:56

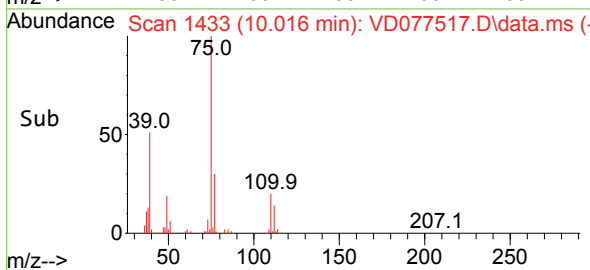
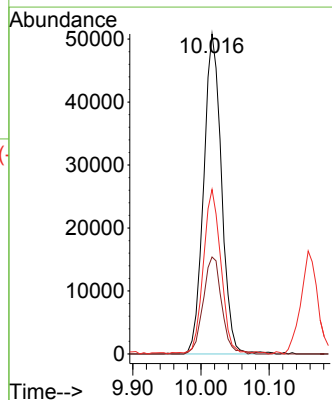
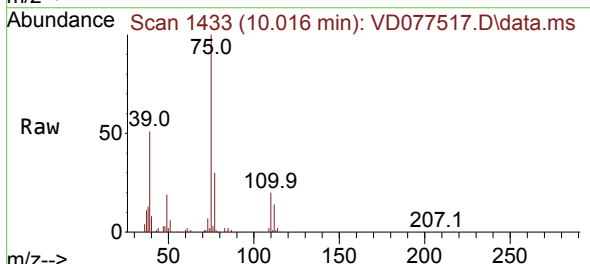
Instrument :
 MSVOA_D
 ClientSampleId :

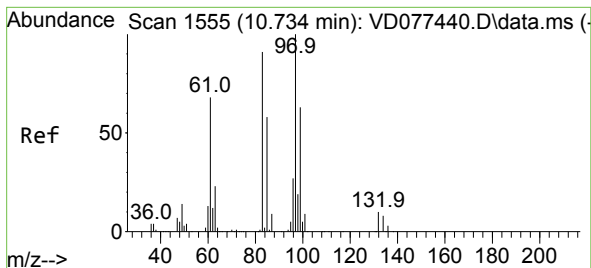
Tgt Ion: 75 Resp: 80726
 Ion Ratio Lower Upper
 75 100
 77 30.3 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 20.129 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD077517.D
 Acq: 08 Nov 2023 12:56

Tgt Ion: 75 Resp: 92490
 Ion Ratio Lower Upper
 75 100
 77 30.3 25.5 38.3
 39 51.0 22.1 33.1#





#55

1,1,2-Trichloroethane

Concen: 21.936 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD077517.D

Acq: 08 Nov 2023 12:56

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 97 Resp: 41753

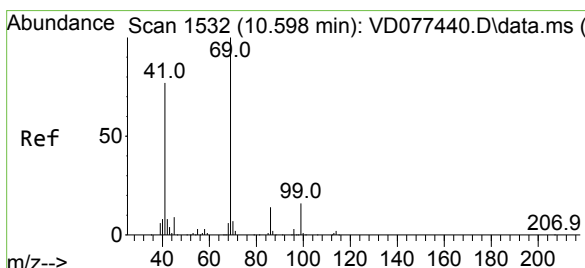
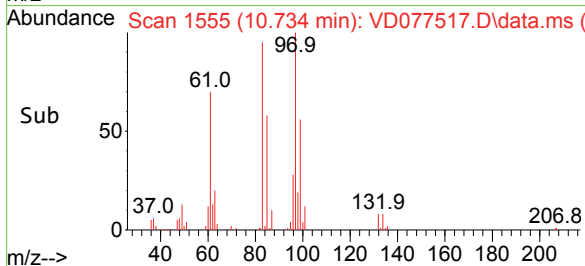
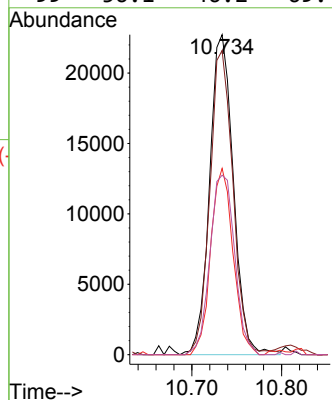
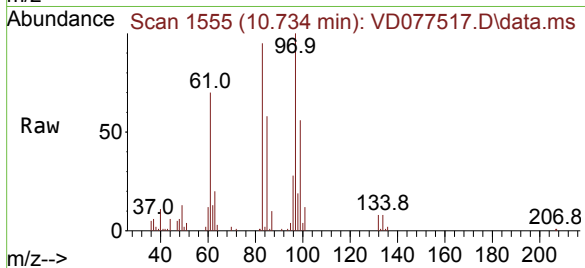
Ion Ratio Lower Upper

97 100

83 95.1 65.8 98.6

85 58.2 45.7 68.5

99 56.1 46.2 69.4



#56

Ethyl methacrylate

Concen: 20.234 ug/l

RT: 10.598 min Scan# 1532

Delta R.T. 0.000 min

Lab File: VD077517.D

Acq: 08 Nov 2023 12:56

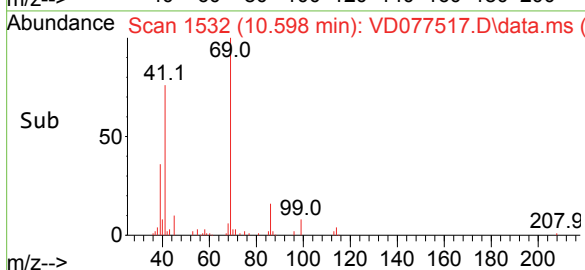
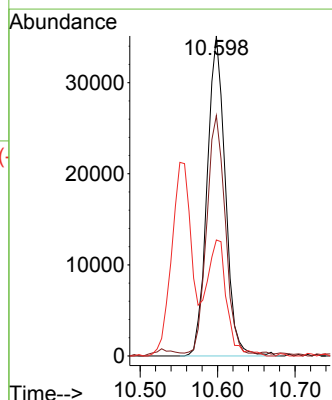
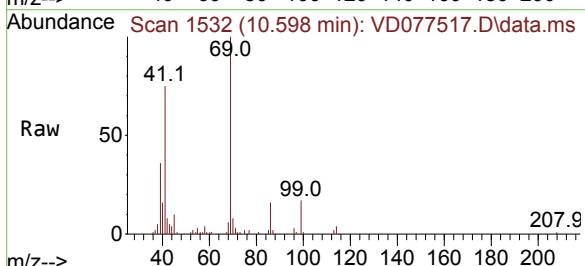
Tgt Ion: 69 Resp: 57263

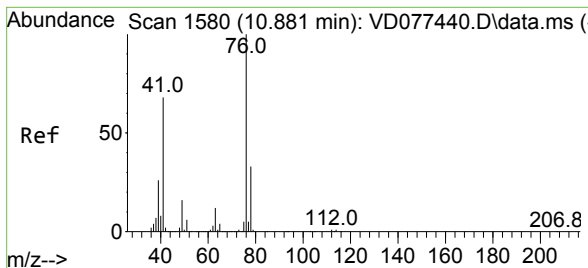
Ion Ratio Lower Upper

69 100

41 76.3 39.1 58.7#

39 40.3 20.0 30.0#





#57

1,3-Dichloropropane

Concen: 20.237 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

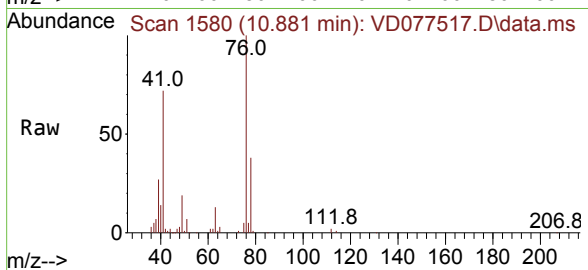
Lab File: VD077517.D

Acq: 08 Nov 2023 12:56

Instrument :

MSVOA_D

ClientSampleId :

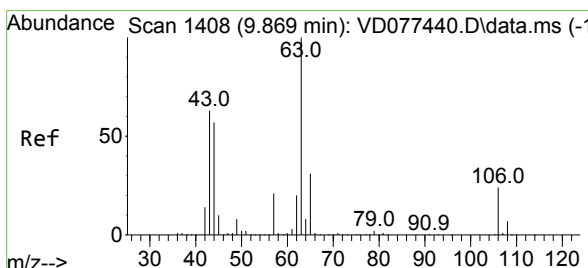
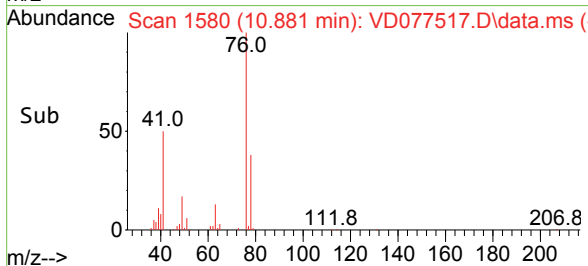
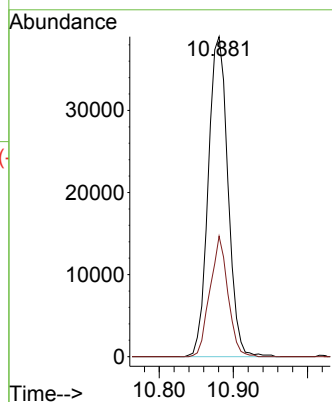


Tgt Ion: 76 Resp: 71997

Ion Ratio Lower Upper

76 100

78 34.3 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 89.616 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD077517.D

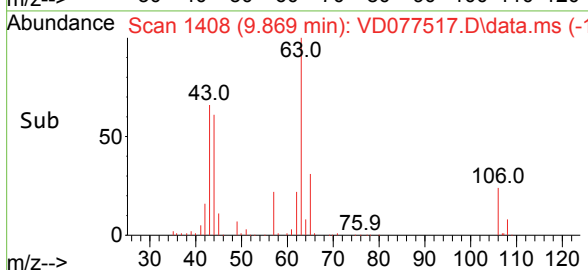
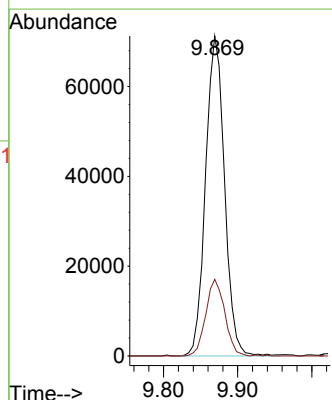
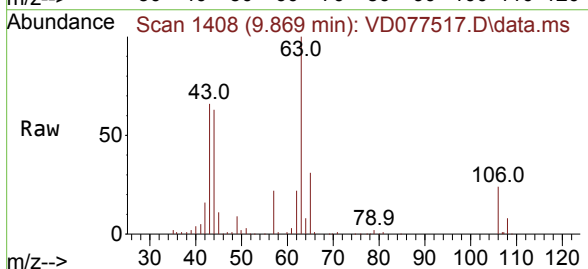
Acq: 08 Nov 2023 12:56

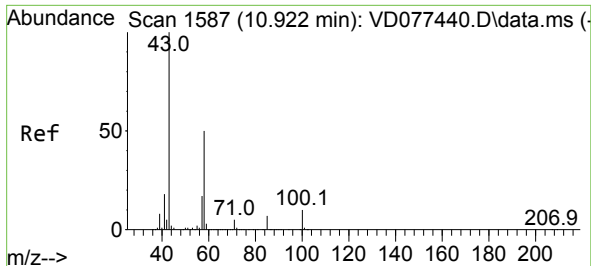
Tgt Ion: 63 Resp: 126968

Ion Ratio Lower Upper

63 100

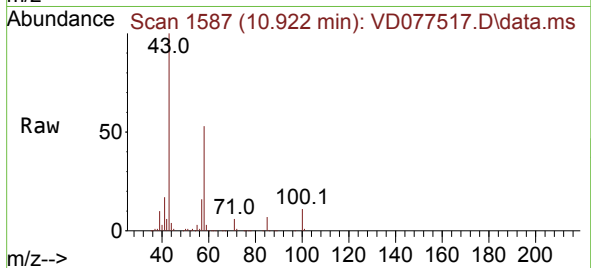
106 24.0 25.3 37.9#



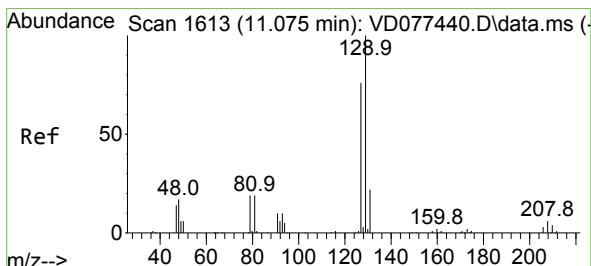
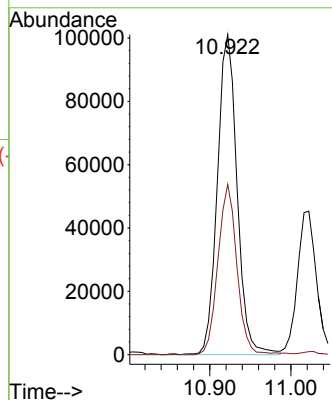
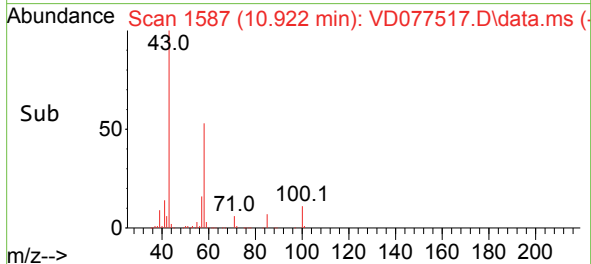


#59
2-Hexanone
Concen: 112.620 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD077517.D
Acq: 08 Nov 2023 12:56

Instrument :
MSVOA_D
ClientSampleId :

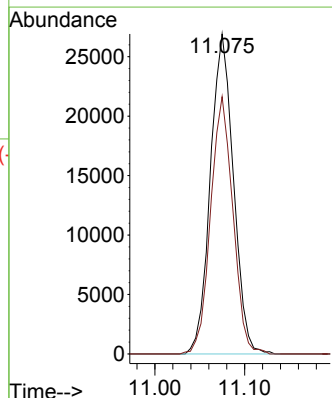
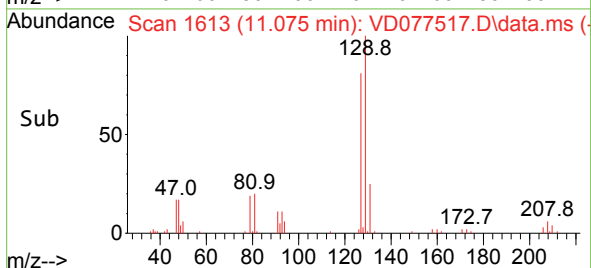
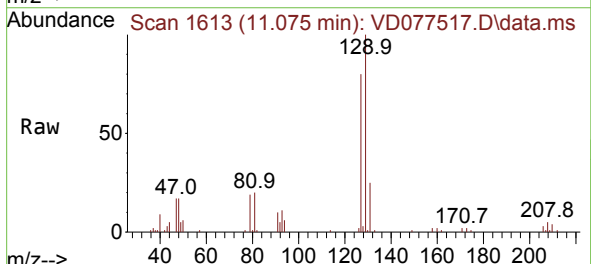


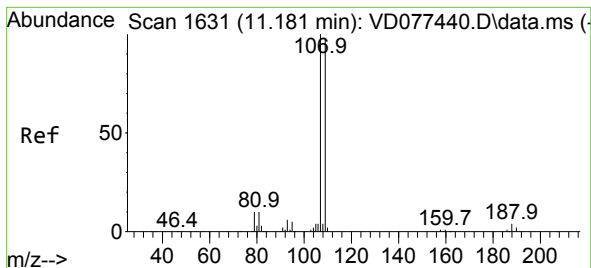
Tgt Ion: 43 Resp: 170778
Ion Ratio Lower Upper
43 100
58 51.4 34.1 102.2



#60
Dibromochloromethane
Concen: 20.998 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD077517.D
Acq: 08 Nov 2023 12:56

Tgt Ion: 129 Resp: 48059
Ion Ratio Lower Upper
129 100
127 77.7 37.1 111.5

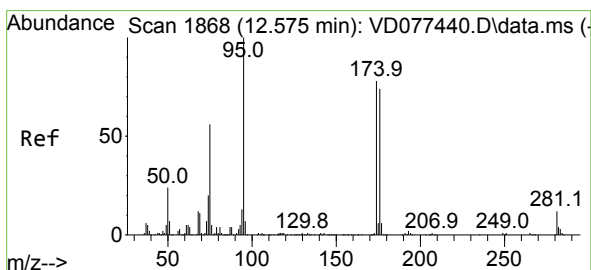
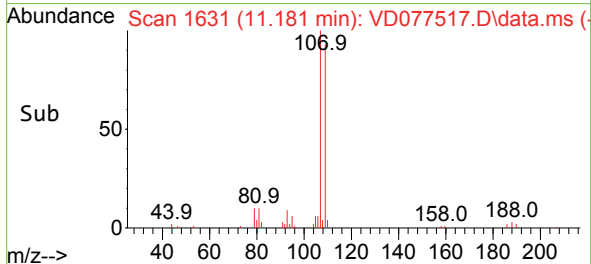
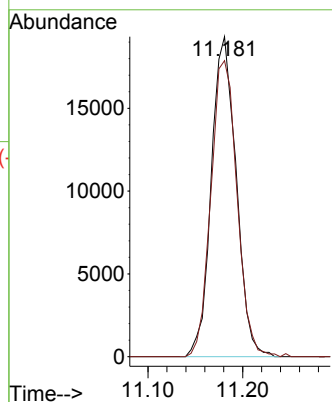
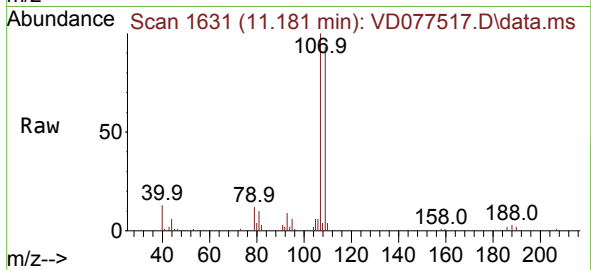




#61
1,2-Dibromoethane
Concen: 19.561 ug/l
RT: 11.181 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD077517.D
Acq: 08 Nov 2023 12:56

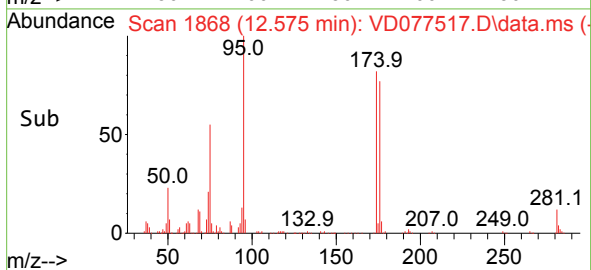
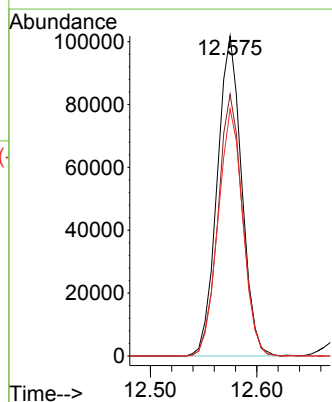
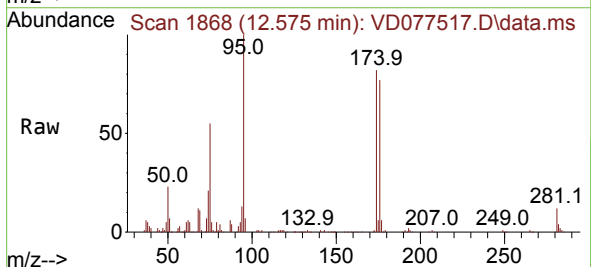
Instrument :
MSVOA_D
ClientSampleId :

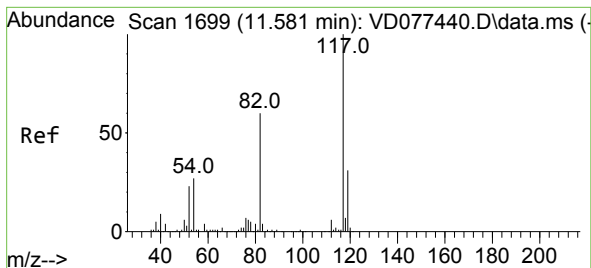
Tgt Ion:107 Resp: 35260
Ion Ratio Lower Upper
107 100
109 97.0 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 51.968 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077517.D
Acq: 08 Nov 2023 12:56

Tgt Ion: 95 Resp: 161925
Ion Ratio Lower Upper
95 100
174 82.0 0.0 201.8
176 78.1 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. 0.000 min

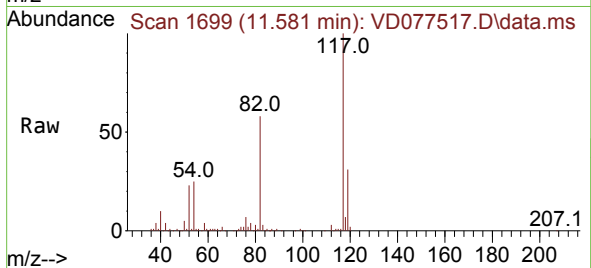
Lab File: VD077517.D

Acq: 08 Nov 2023 12:56

Instrument :

MSVOA_D

ClientSampleId :



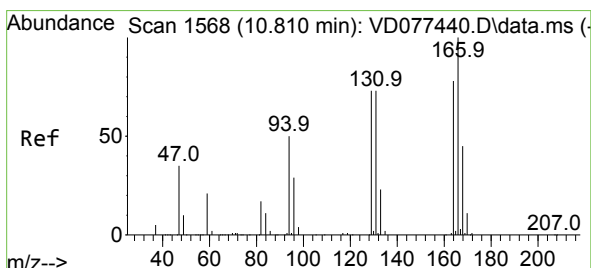
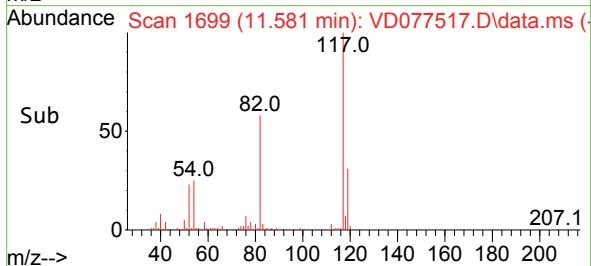
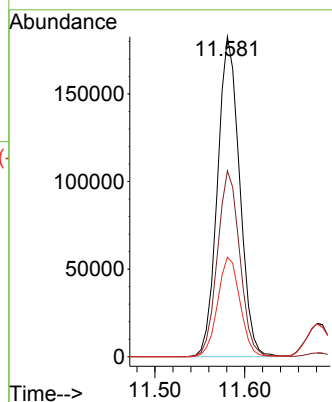
Tgt Ion:117 Resp: 312338

Ion Ratio Lower Upper

117 100

82 58.1 38.3 57.5#

119 31.1 25.0 37.4



#64

Tetrachloroethene

Concen: 19.470 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD077517.D

Acq: 08 Nov 2023 12:56

Tgt Ion:164 Resp: 38716

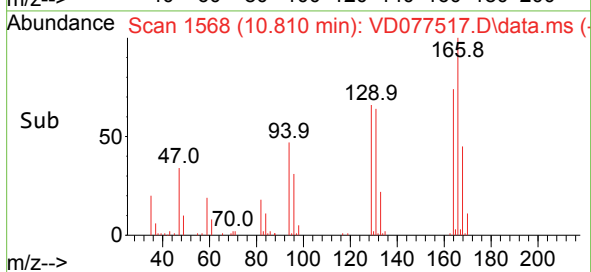
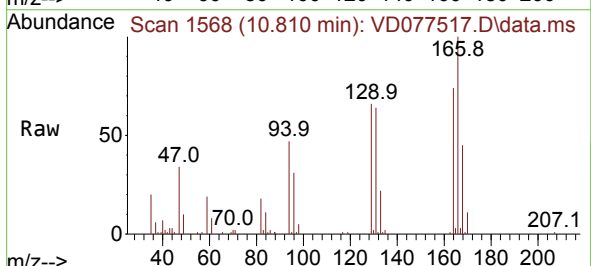
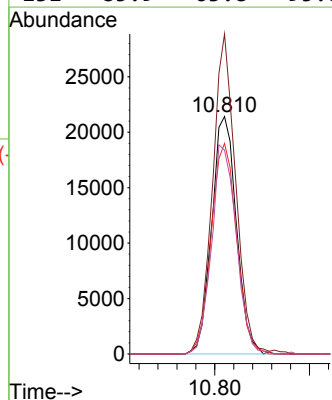
Ion Ratio Lower Upper

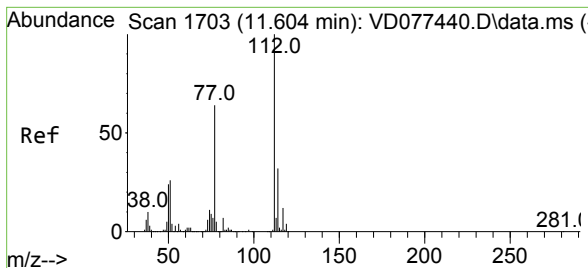
164 100

166 134.8 99.2 148.8

129 88.7 68.4 102.6

131 85.9 63.8 95.8





#65

Chlorobenzene

Concen: 20.455 ug/l

RT: 11.610 min Scan# 1704

Delta R.T. 0.006 min

Lab File: VD077517.D

Acq: 08 Nov 2023 12:56

Instrument :

MSVOA_D

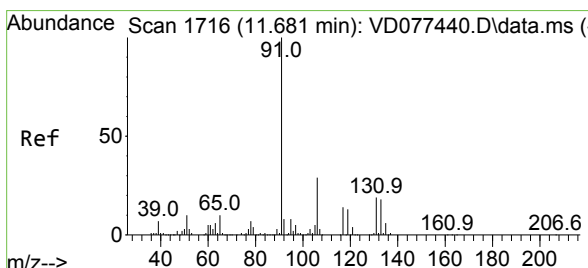
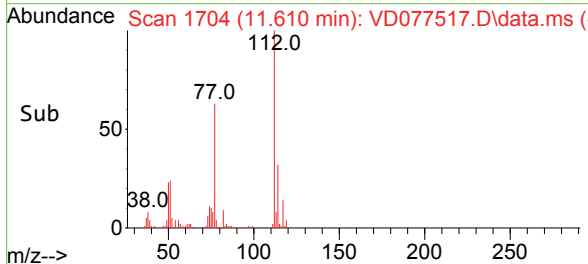
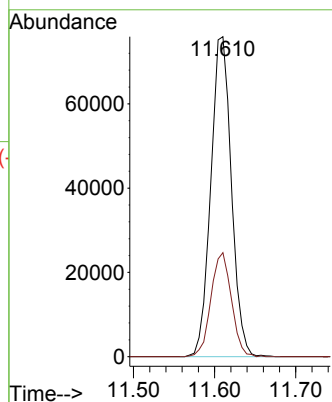
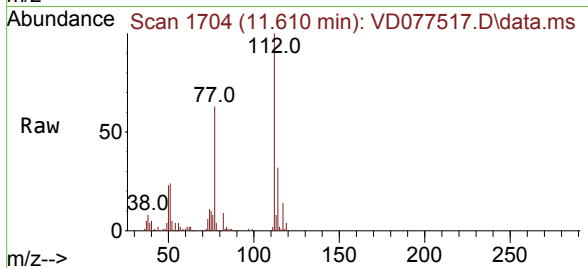
ClientSampleId :

Tgt Ion:112 Resp: 133849

Ion Ratio Lower Upper

112 100

114 32.5 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 20.291 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD077517.D

Acq: 08 Nov 2023 12:56

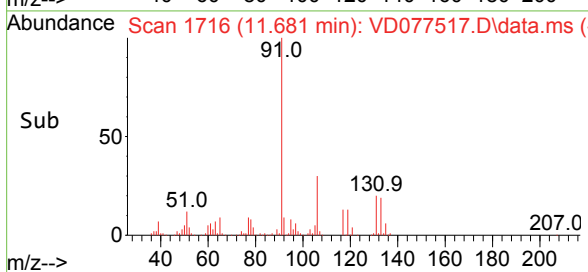
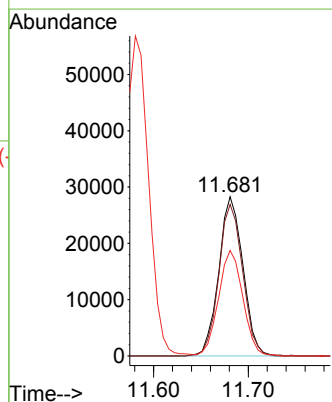
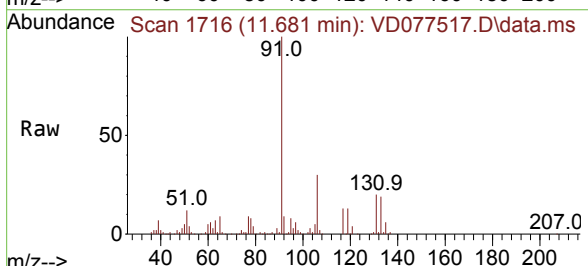
Tgt Ion:131 Resp: 50173

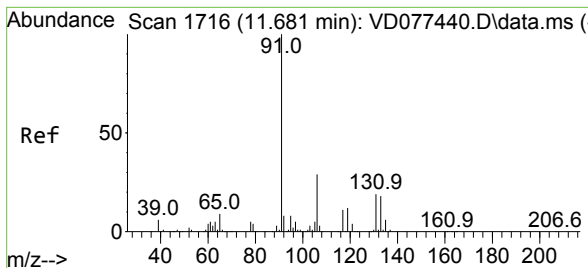
Ion Ratio Lower Upper

131 100

133 94.3 48.5 145.5

119 66.7 35.6 106.9





#67

Ethyl Benzene

Concen: 20.260 ug/l

RT: 11.687 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VD077517.D

Acq: 08 Nov 2023 12:56

Instrument :

MSVOA_D

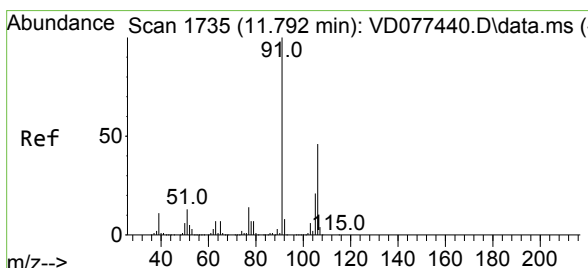
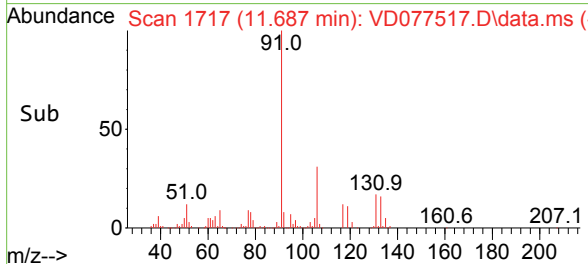
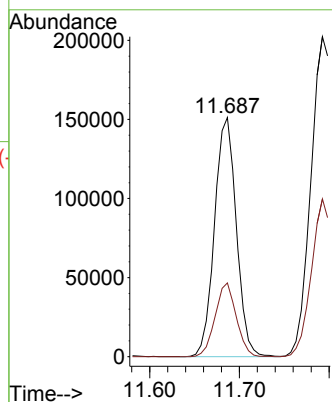
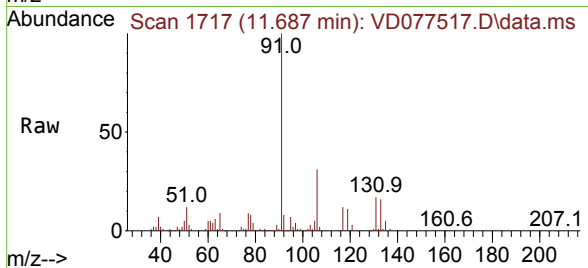
ClientSampleId :

Tgt Ion: 91 Resp: 255079

Ion Ratio Lower Upper

91 100

106 30.8 26.5 39.7



#68

m/p-Xylenes

Concen: 40.330 ug/l

RT: 11.792 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD077517.D

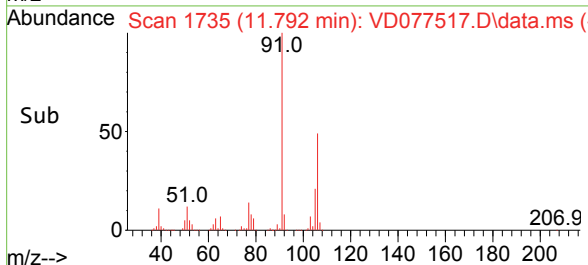
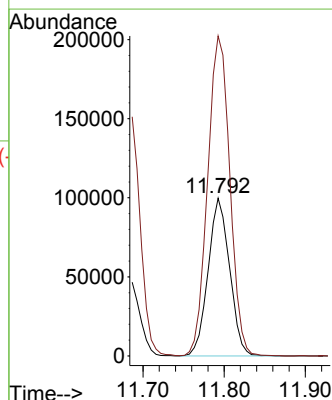
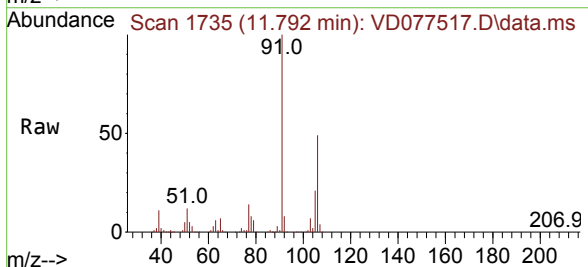
Acq: 08 Nov 2023 12:56

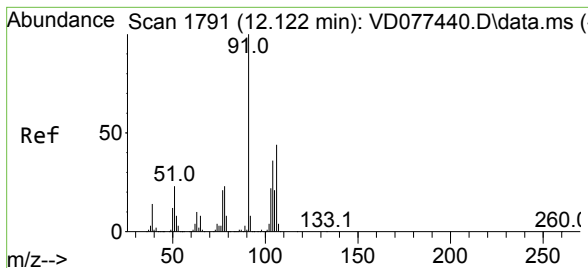
Tgt Ion:106 Resp: 183361

Ion Ratio Lower Upper

106 100

91 210.1 147.0 220.6

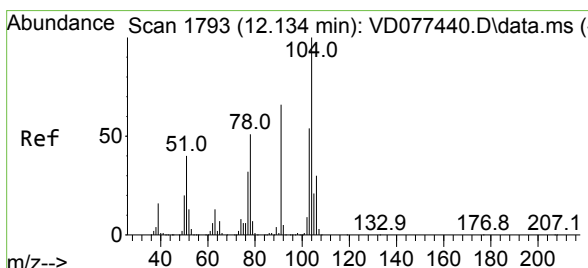
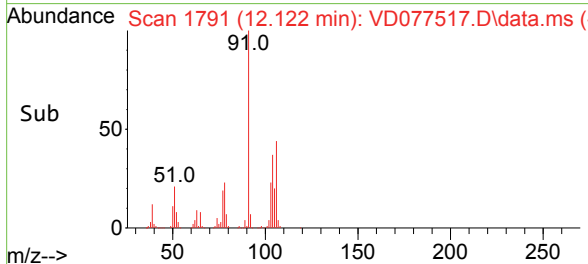
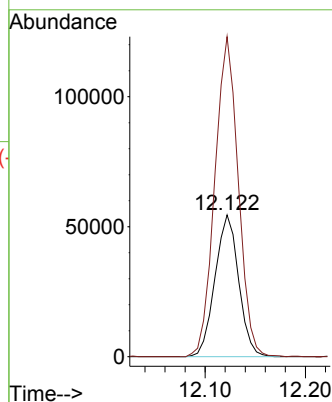
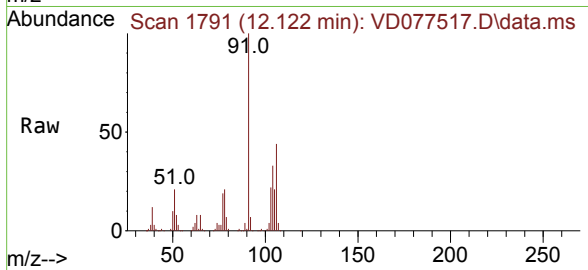




#69
o-Xylene
Concen: 20.490 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD077517.D
Acq: 08 Nov 2023 12:56

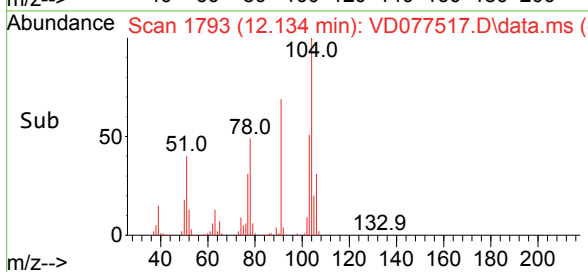
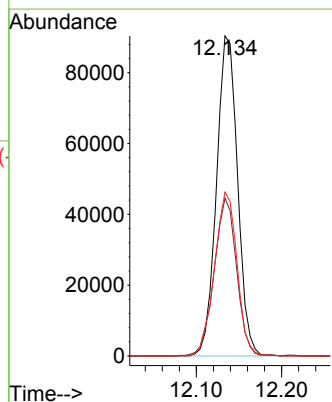
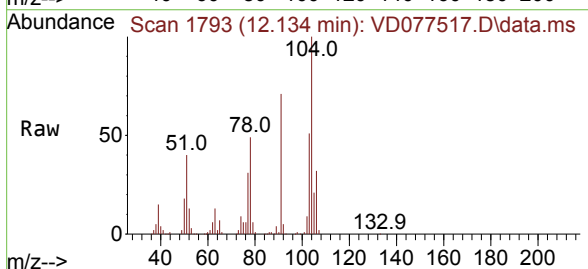
Instrument :
MSVOA_D
ClientSampleId :

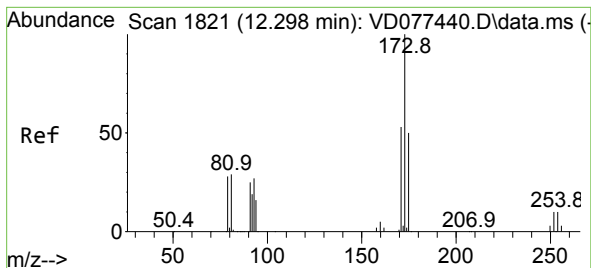
Tgt Ion:106 Resp: 89230
Ion Ratio Lower Upper
106 100
91 224.3 97.9 293.6



#70
Styrene
Concen: 20.740 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD077517.D
Acq: 08 Nov 2023 12:56

Tgt Ion:104 Resp: 155813
Ion Ratio Lower Upper
104 100
78 52.4 33.2 49.8#
103 54.7 43.6 65.4





#71

Bromoform

Concen: 20.617 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. 0.000 min

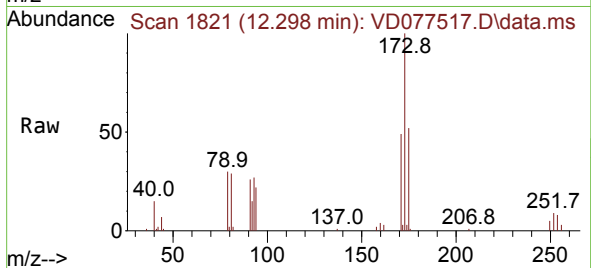
Lab File: VD077517.D

Acq: 08 Nov 2023 12:56

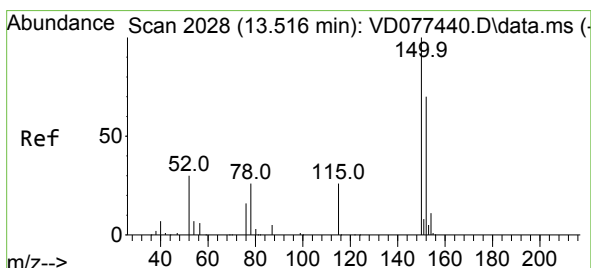
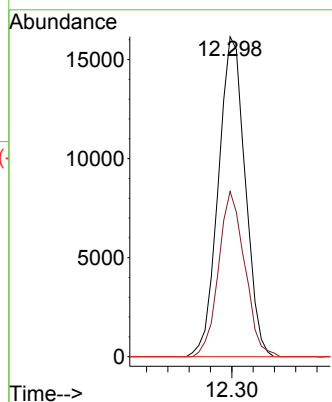
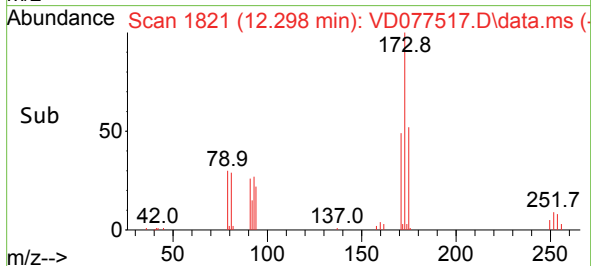
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	173	Resp:	28263
Ion Ratio	Lower	Upper	
173	100		
175	50.4	24.6	73.8
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

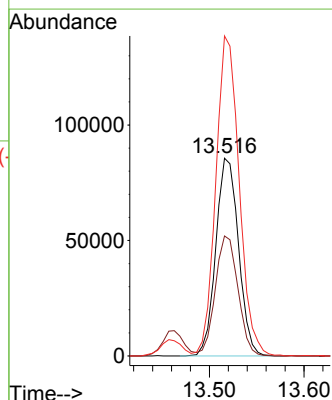
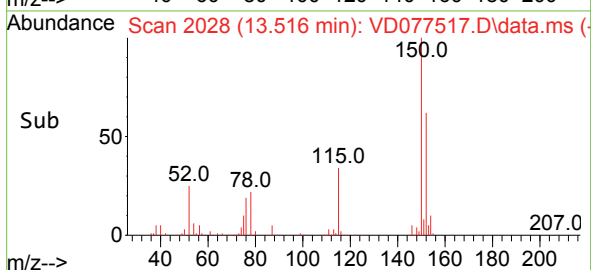
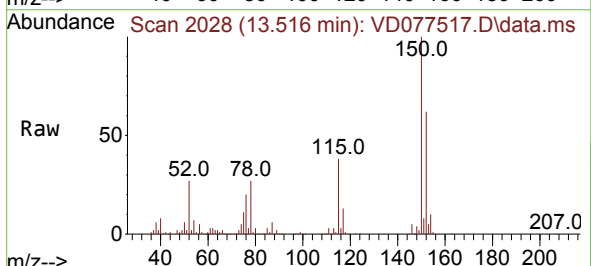
RT: 13.516 min Scan# 2028

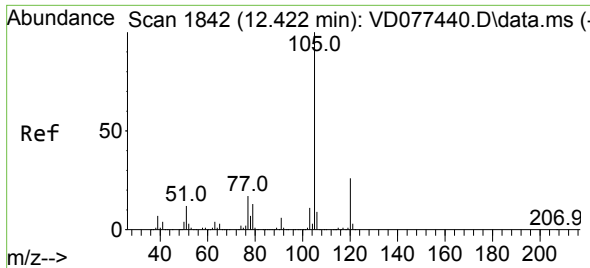
Delta R.T. 0.000 min

Lab File: VD077517.D

Acq: 08 Nov 2023 12:56

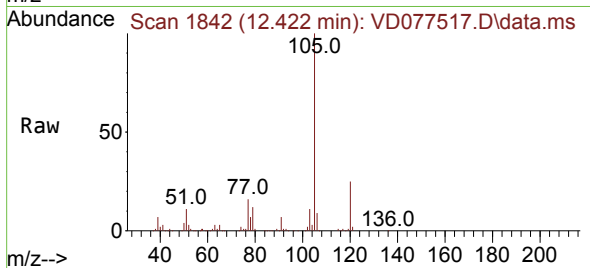
Tgt Ion:	152	Resp:	142729
Ion Ratio	Lower	Upper	
152	100		
115	60.7	27.1	81.3
150	166.7	0.0	353.6



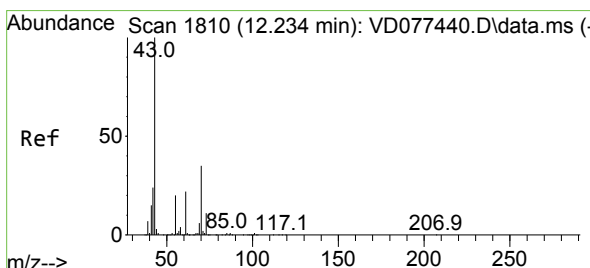
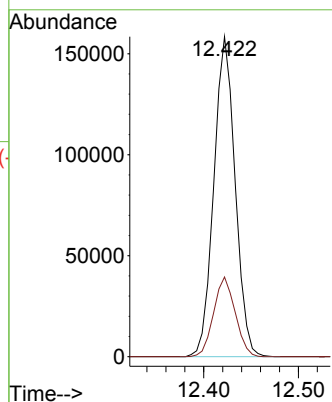
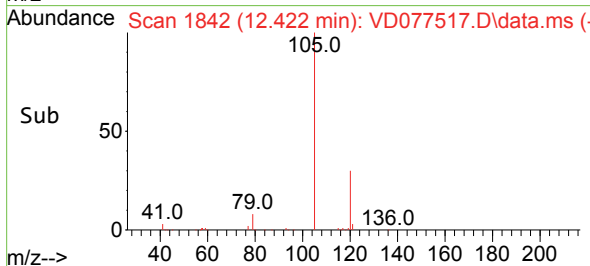


#73
Isopropylbenzene
Concen: 21.258 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD077517.D
Acq: 08 Nov 2023 12:56

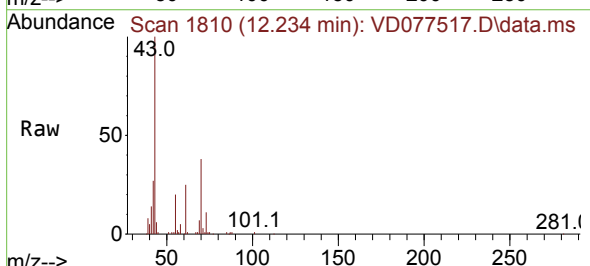
Instrument :
MSVOA_D
ClientSampleId :



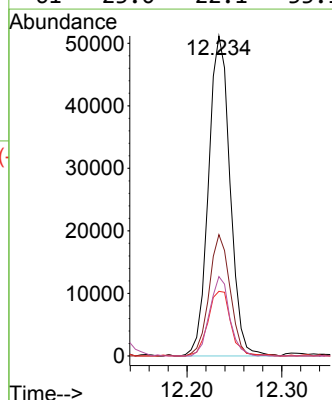
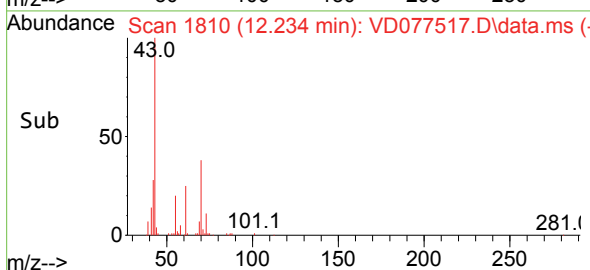
Tgt Ion:105 Resp: 247377
Ion Ratio Lower Upper
105 100
120 25.2 14.3 42.9

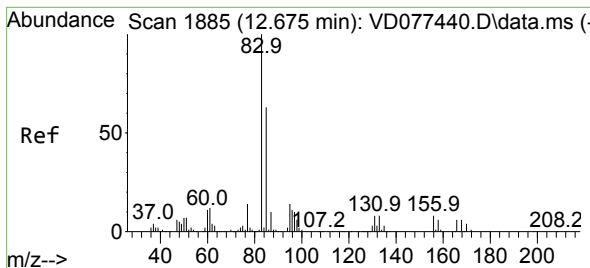


#74
N-ethyl acetate
Concen: 19.678 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD077517.D
Acq: 08 Nov 2023 12:56



Tgt Ion: 43 Resp: 81110
Ion Ratio Lower Upper
43 100
70 37.1 45.0 67.4#
55 21.4 23.8 35.6#
61 23.0 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 21.443 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VD077517.D

Acq: 08 Nov 2023 12:56

Instrument :

MSVOA_D

ClientSampleId :

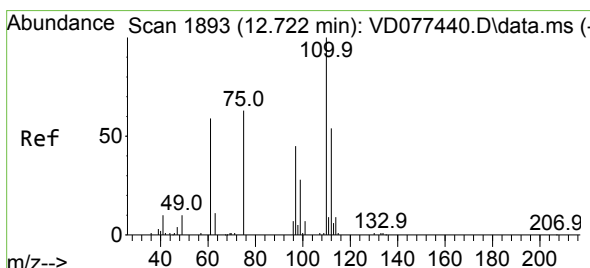
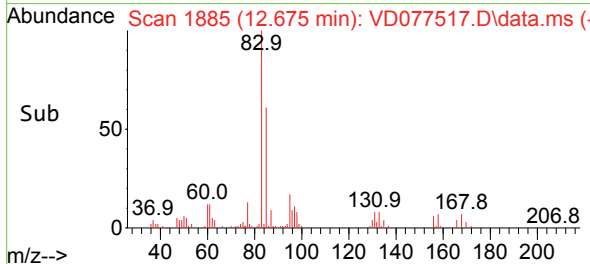
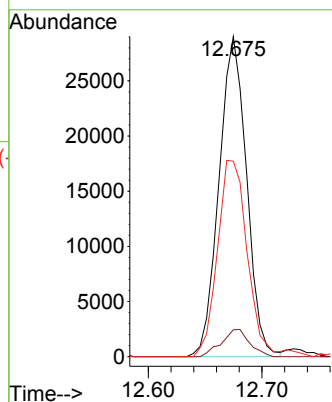
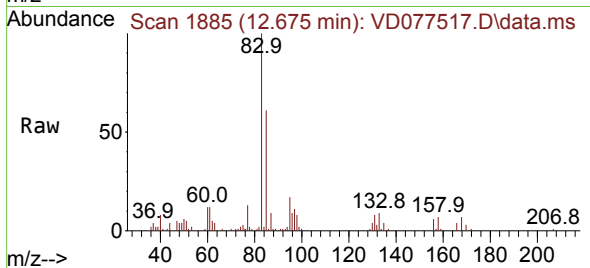
Tgt Ion: 83 Resp: 48913

Ion Ratio Lower Upper

83 100

131 8.7 5.1 15.3

85 65.8 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 37.426 ug/l

RT: 12.728 min Scan# 1894

Delta R.T. 0.006 min

Lab File: VD077517.D

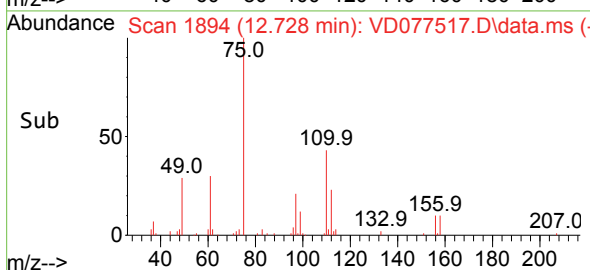
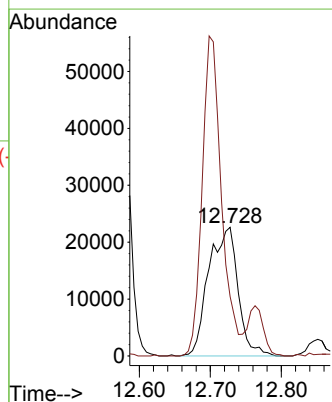
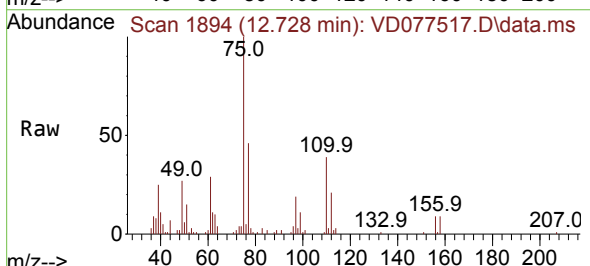
Acq: 08 Nov 2023 12:56

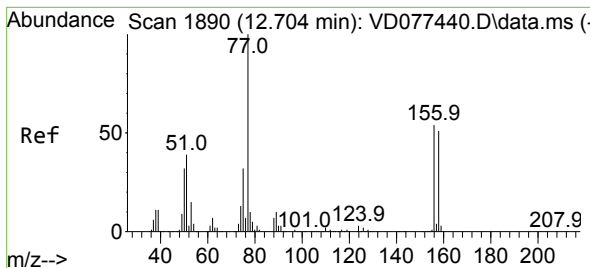
Tgt Ion: 75 Resp: 65015

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.093 ug/l

RT: 12.704 min Scan# 1890

Delta R.T. 0.000 min

Lab File: VD077517.D

Acq: 08 Nov 2023 12:56

Instrument :

MSVOA_D

ClientSampleId :

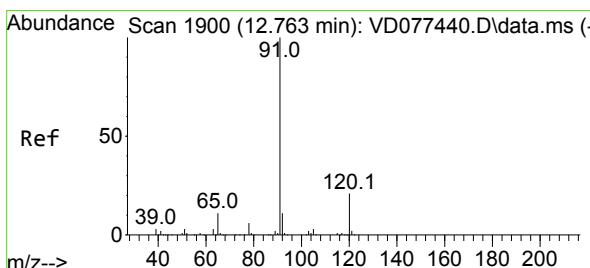
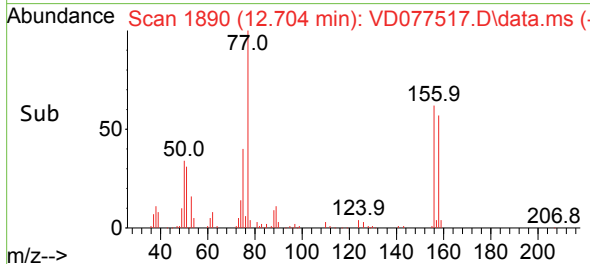
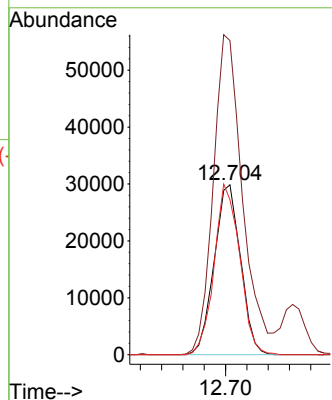
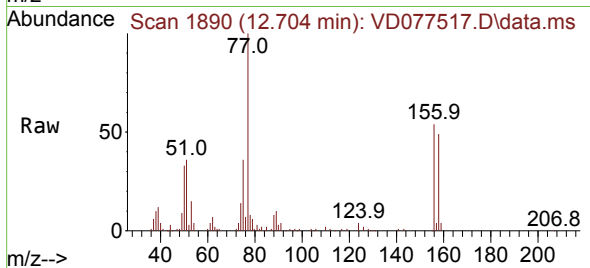
Tgt Ion:156 Resp: 51467

Ion Ratio Lower Upper

156 100

77 208.9 76.8 230.4

158 97.0 48.6 145.9



#78

n-propylbenzene

Concen: 21.021 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD077517.D

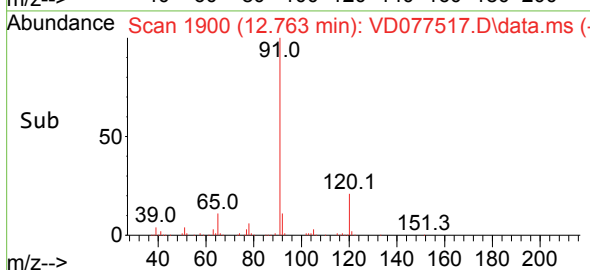
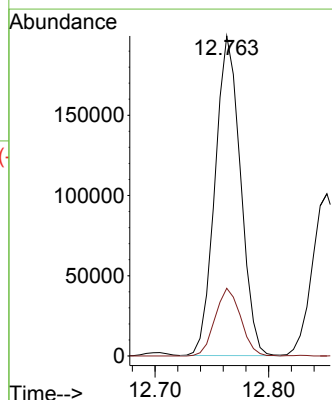
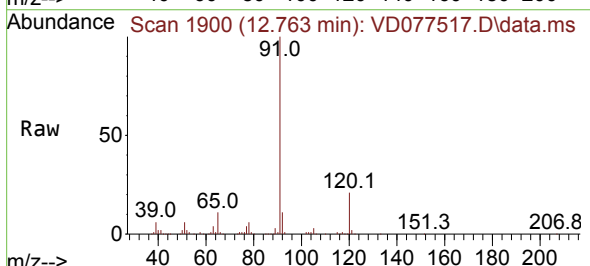
Acq: 08 Nov 2023 12:56

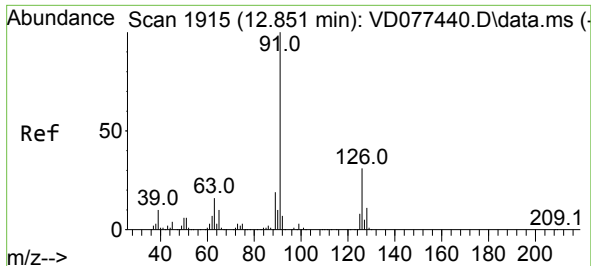
Tgt Ion: 91 Resp: 310603

Ion Ratio Lower Upper

91 100

120 21.3 12.4 37.2

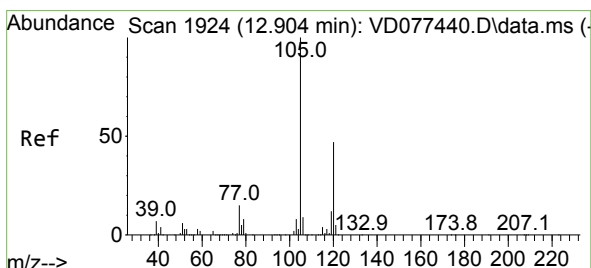
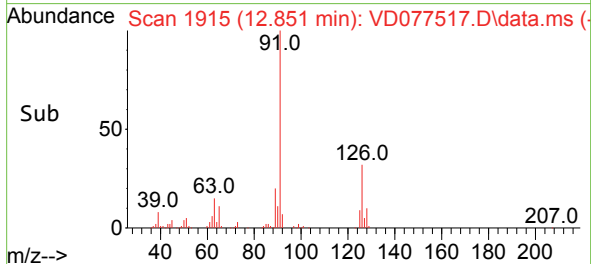
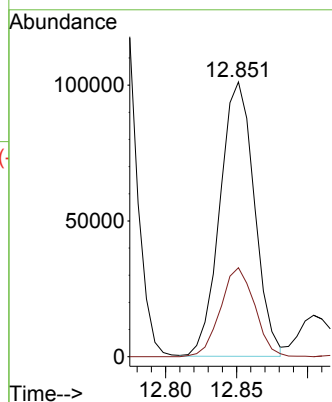
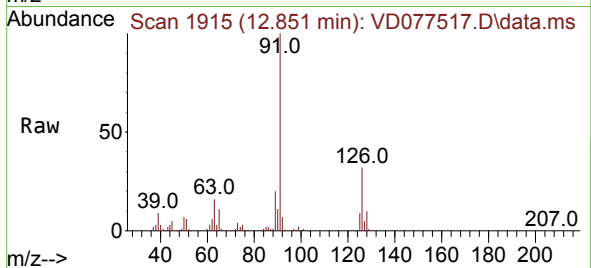




#79
2-Chlorotoluene
Concen: 20.380 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD077517.D
Acq: 08 Nov 2023 12:56

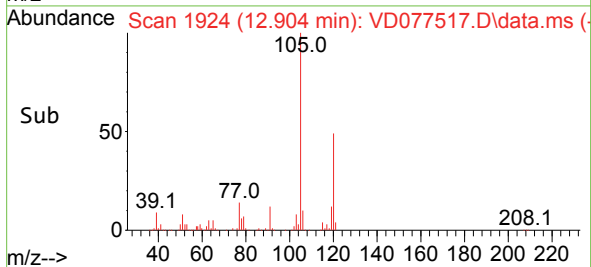
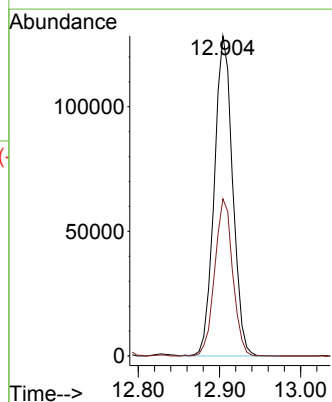
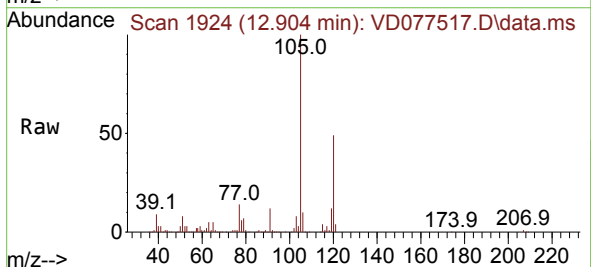
Instrument :
MSVOA_D
ClientSampleId :

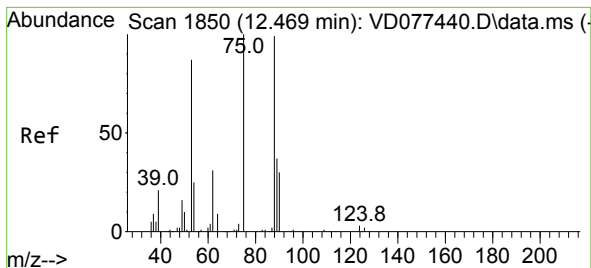
Tgt Ion: 91 Resp: 170504
Ion Ratio Lower Upper
91 100
126 32.2 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 20.656 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077517.D
Acq: 08 Nov 2023 12:56

Tgt Ion:105 Resp: 201688
Ion Ratio Lower Upper
105 100
120 48.1 26.4 79.2

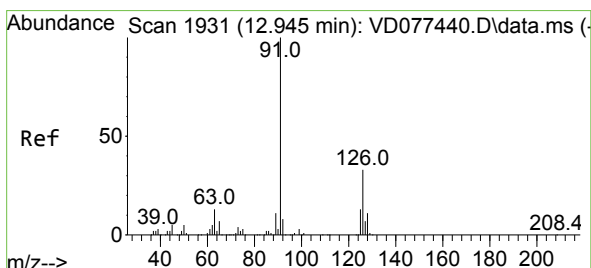
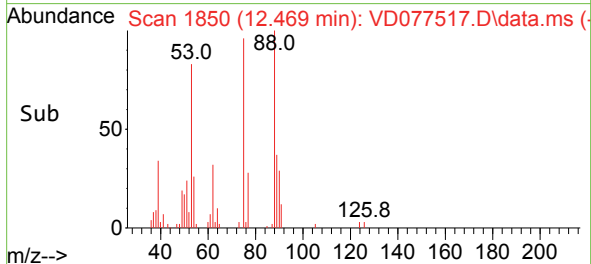
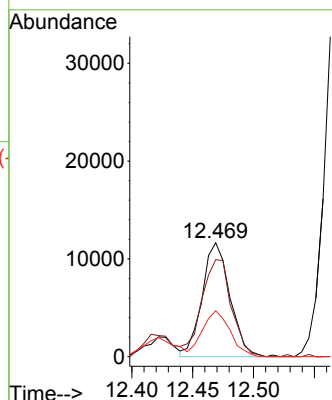
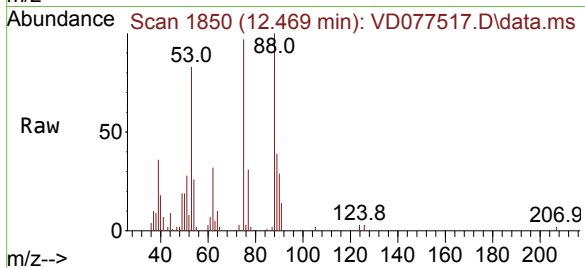




#81
trans-1,4-Dichloro-2-butene
Concen: 20.559 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD077517.D
Acq: 08 Nov 2023 12:56

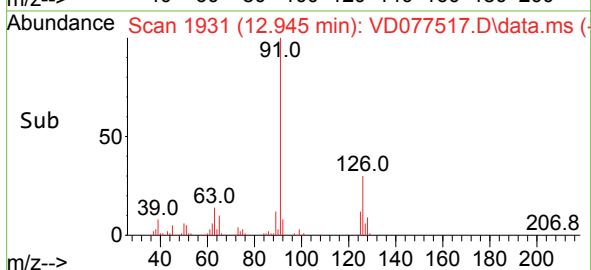
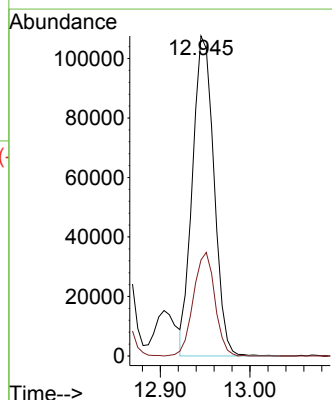
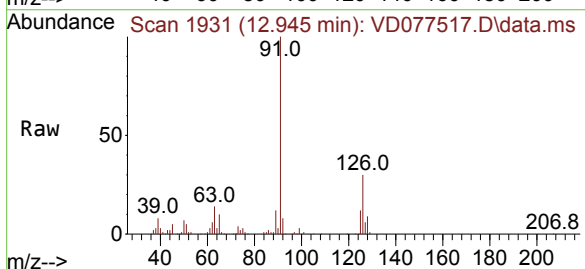
Instrument :
MSVOA_D
ClientSampleId :

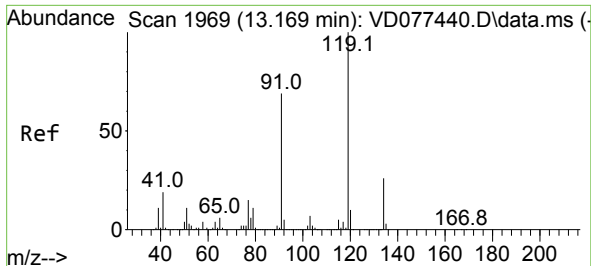
Tgt Ion:	75	Resp:	18489
Ion Ratio	Lower	Upper	
75	100		
53	91.4	63.0	94.4
89	39.9	37.9	56.9



#82
4-Chlorotoluene
Concen: 20.494 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD077517.D
Acq: 08 Nov 2023 12:56

Tgt Ion:	91	Resp:	178589
Ion Ratio	Lower	Upper	
91	100		
126	32.4	19.4	58.4

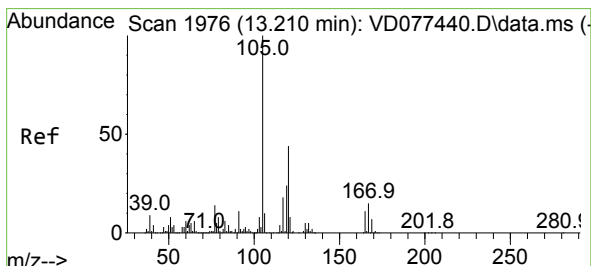
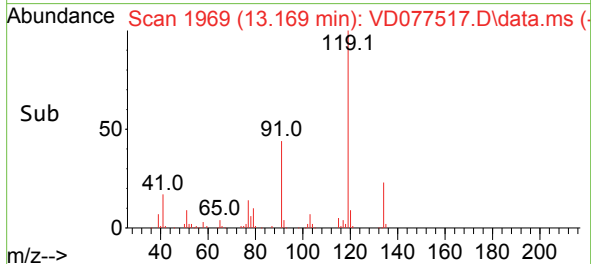
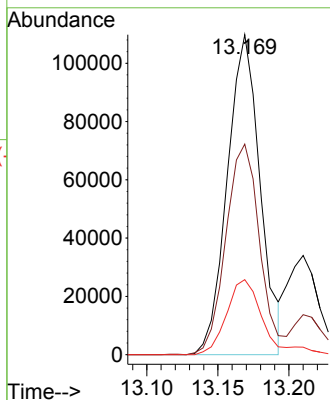
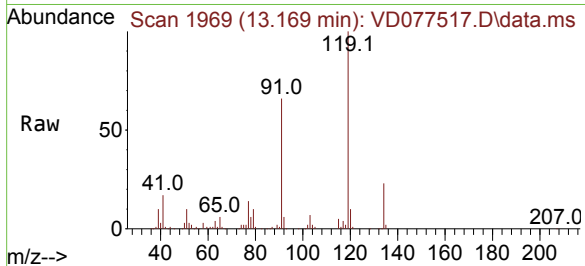




#83
tert-Butylbenzene
Concen: 21.473 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD077517.D
Acq: 08 Nov 2023 12:56

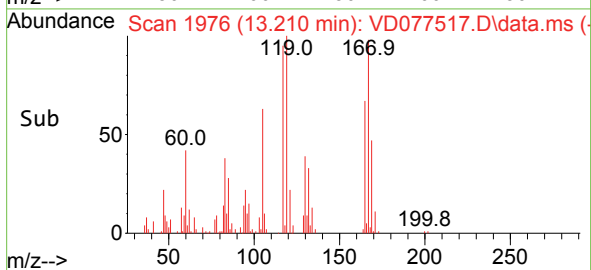
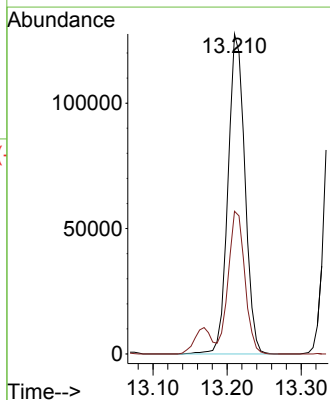
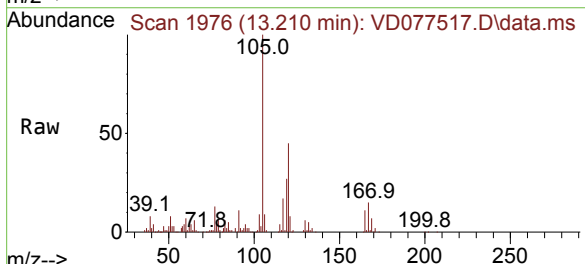
Instrument :
MSVOA_D
ClientSampleId :

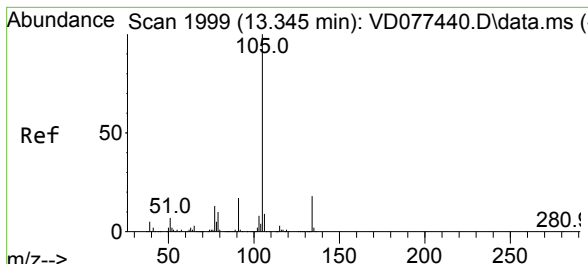
Tgt Ion:119 Resp: 176280
Ion Ratio Lower Upper
119 100
91 68.4 29.3 87.8
134 26.1 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 20.770 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD077517.D
Acq: 08 Nov 2023 12:56

Tgt Ion:105 Resp: 201459
Ion Ratio Lower Upper
105 100
120 43.7 24.3 72.9

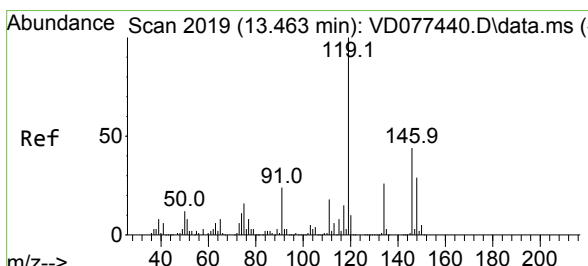
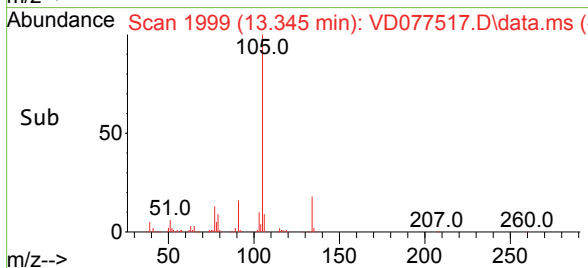
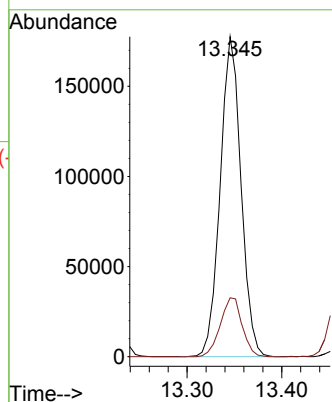
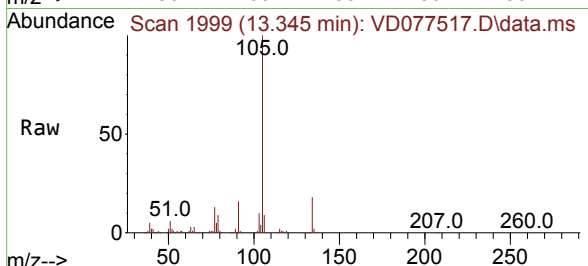




#85
 sec-Butylbenzene
 Concen: 21.608 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD077517.D
 Acq: 08 Nov 2023 12:56

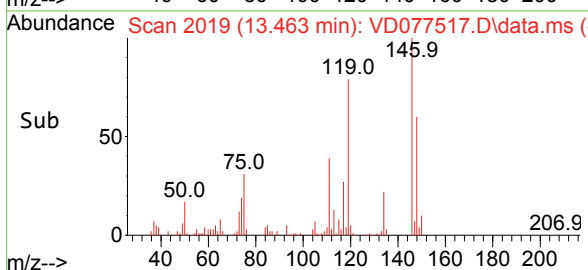
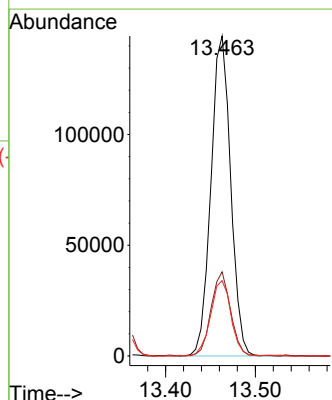
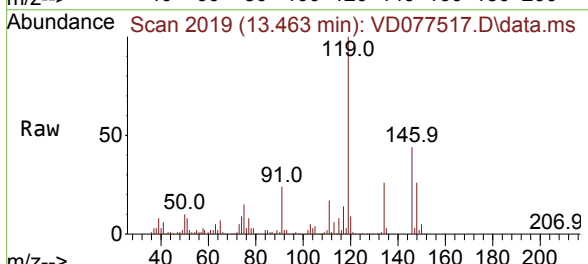
Instrument :
 MSVOA_D
 ClientSampleId :

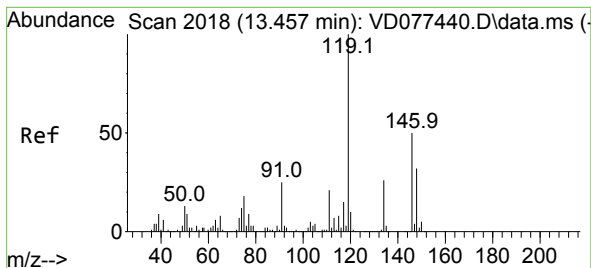
Tgt Ion:105 Resp: 271416
 Ion Ratio Lower Upper
 105 100
 134 19.3 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 21.610 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD077517.D
 Acq: 08 Nov 2023 12:56

Tgt Ion:119 Resp: 220630
 Ion Ratio Lower Upper
 119 100
 134 25.8 14.2 42.6
 91 24.4 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 21.341 ug/l

RT: 13.463 min Scan# 2018

Delta R.T. 0.006 min

Lab File: VD077517.D

Acq: 08 Nov 2023 12:56

Instrument :

MSVOA_D

ClientSampleId :

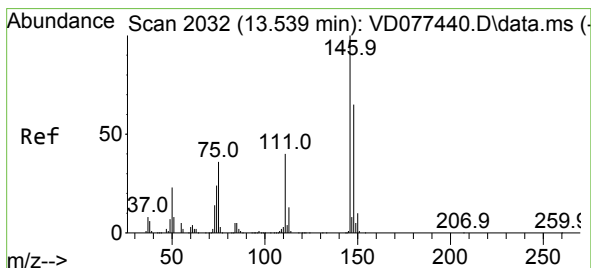
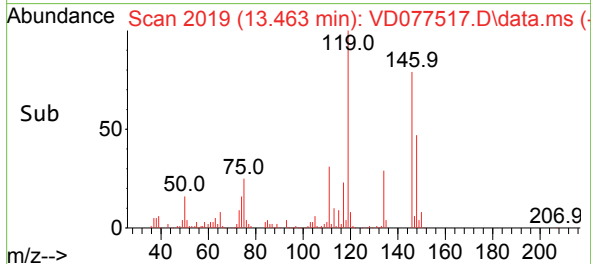
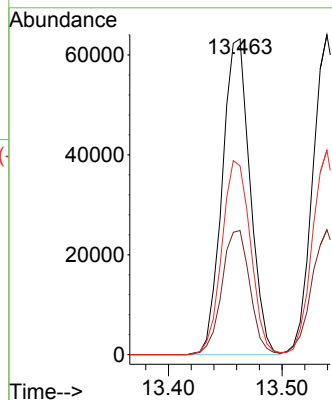
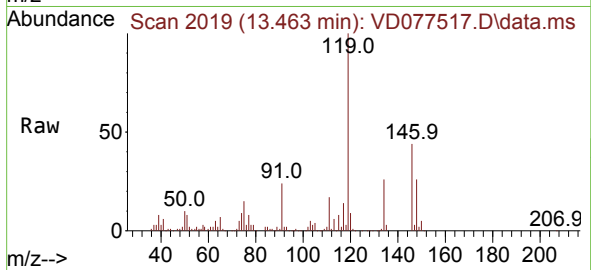
Tgt Ion:146 Resp: 107449

Ion Ratio Lower Upper

146 100

111 39.8 17.9 53.8

148 63.5 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 21.024 ug/l

RT: 13.539 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VD077517.D

Acq: 08 Nov 2023 12:56

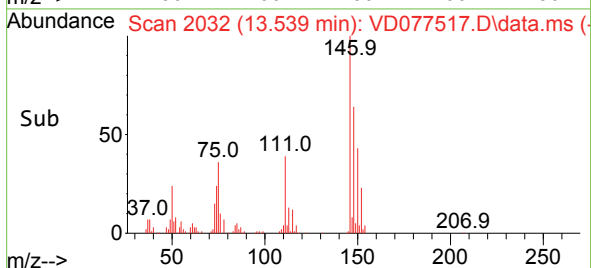
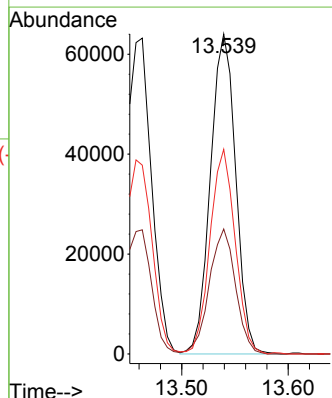
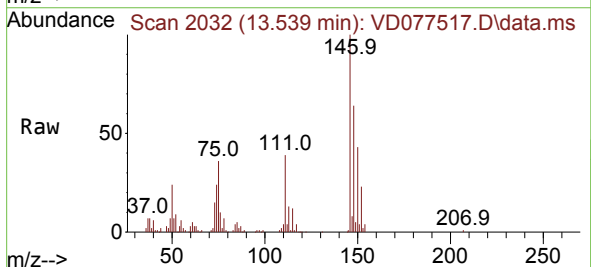
Tgt Ion:146 Resp: 105759

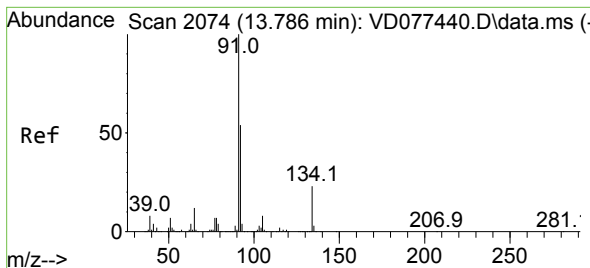
Ion Ratio Lower Upper

146 100

111 40.5 17.4 52.3

148 63.9 31.7 95.1





#89

n-Butylbenzene

Concen: 21.286 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD077517.D

Acq: 08 Nov 2023 12:56

Instrument :

MSVOA_D

ClientSampleId :

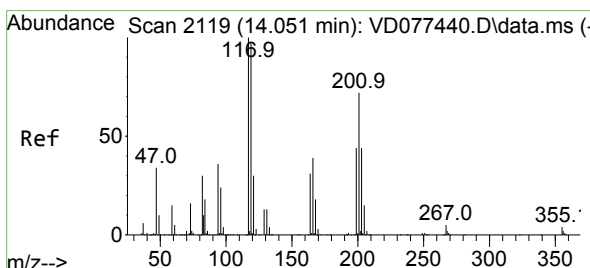
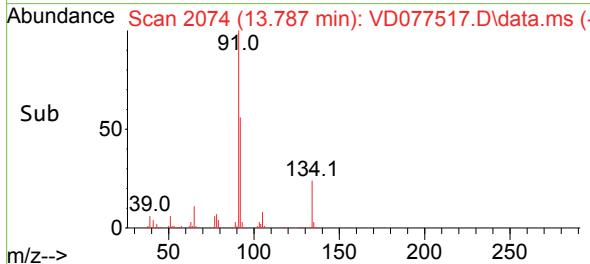
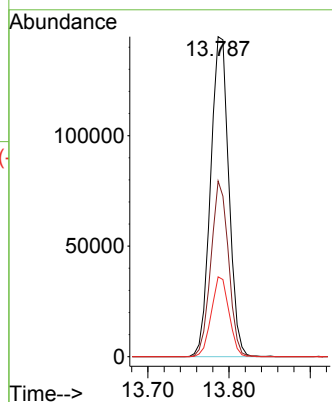
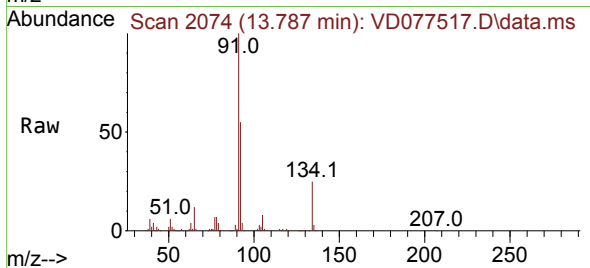
Tgt Ion: 91 Resp: 225888

Ion Ratio Lower Upper

91 100

92 52.8 26.5 79.5

134 24.2 13.8 41.3



#90

Hexachloroethane

Concen: 20.305 ug/l

RT: 14.057 min Scan# 2120

Delta R.T. 0.006 min

Lab File: VD077517.D

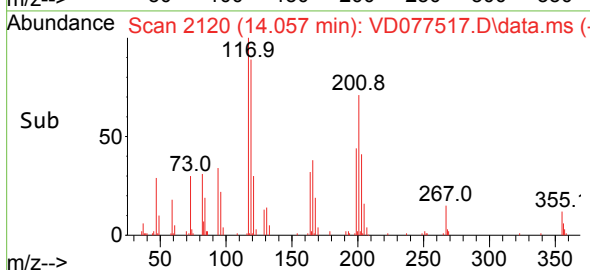
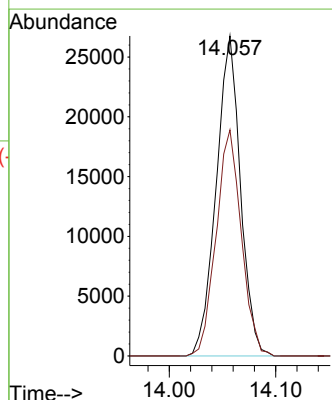
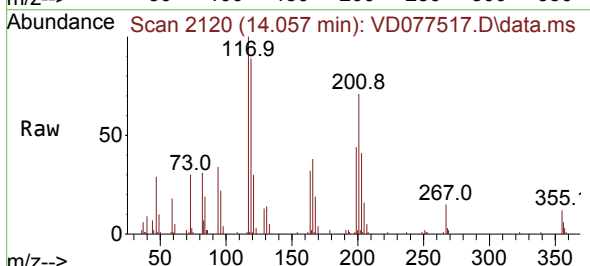
Acq: 08 Nov 2023 12:56

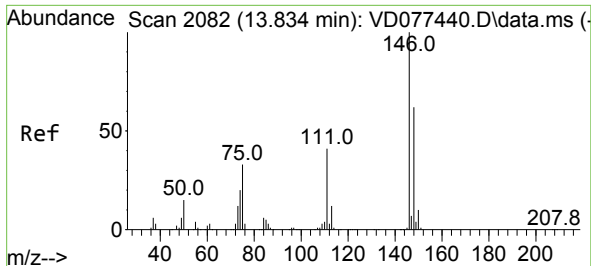
Tgt Ion: 117 Resp: 42423

Ion Ratio Lower Upper

117 100

201 73.2 38.5 115.5

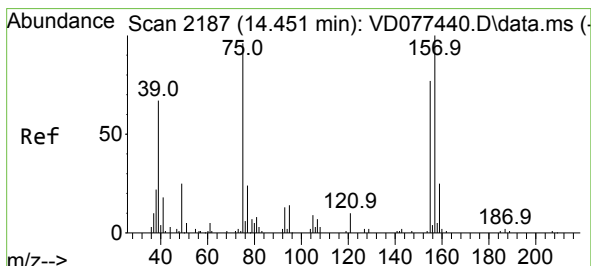
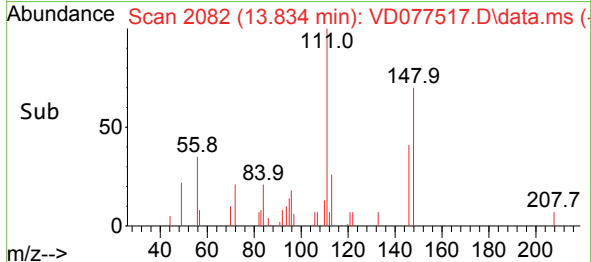
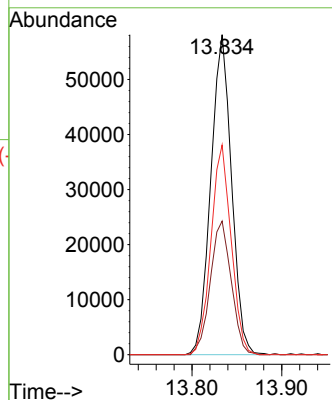
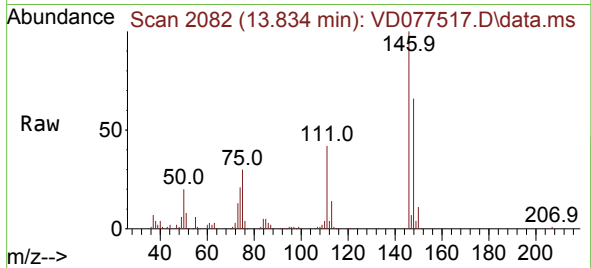




#91
1,2-Dichlorobenzene
Concen: 21.037 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD077517.D
Acq: 08 Nov 2023 12:56

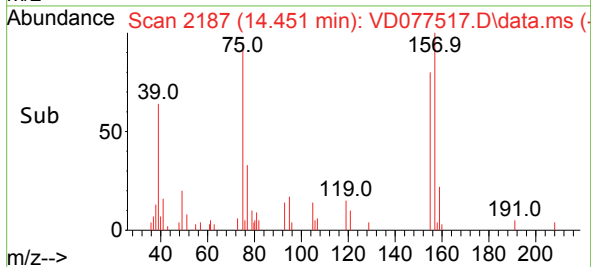
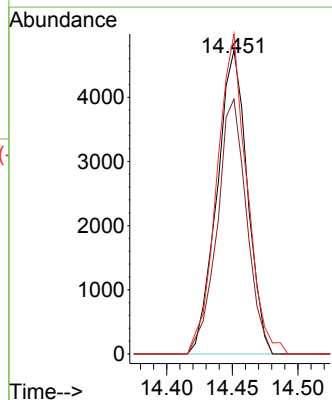
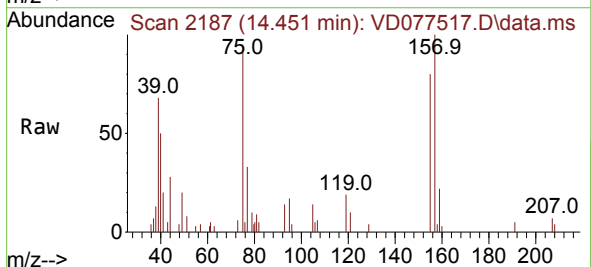
Instrument :
MSVOA_D
ClientSampleId :

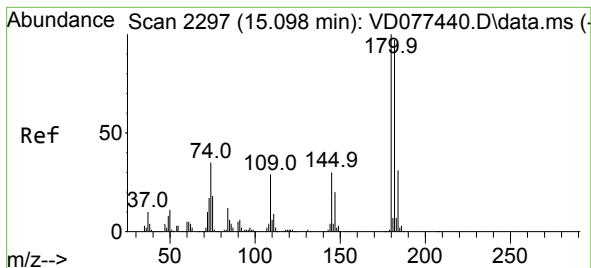
Tgt Ion:146 Resp: 93085
Ion Ratio Lower Upper
146 100
111 42.2 18.3 54.8
148 63.9 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.772 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VD077517.D
Acq: 08 Nov 2023 12:56

Tgt Ion: 75 Resp: 7598
Ion Ratio Lower Upper
75 100
155 81.2 47.9 143.8
157 104.4 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 20.515 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD077517.D

Acq: 08 Nov 2023 12:56

Instrument :

MSVOA_D

ClientSampleId :

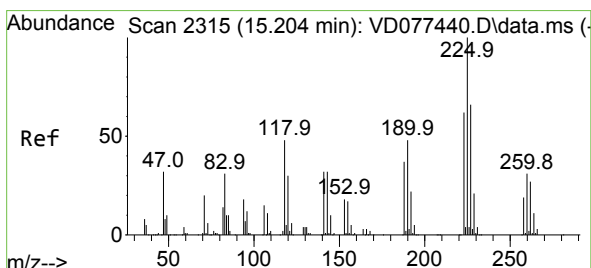
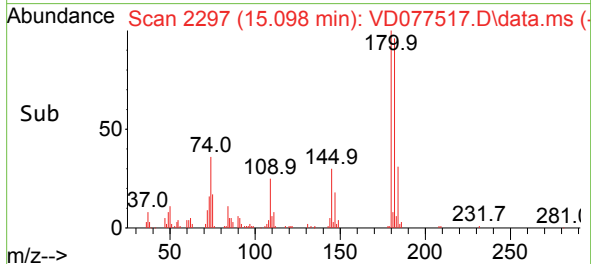
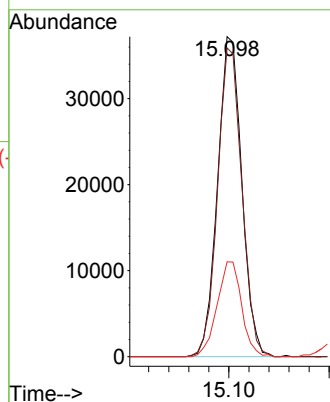
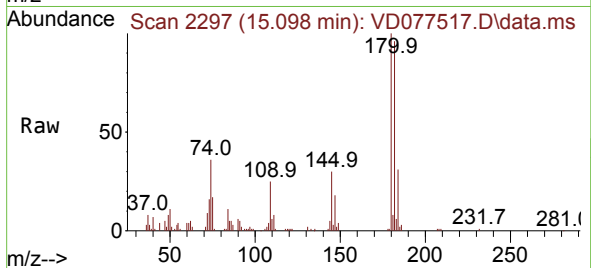
Tgt Ion:180 Resp: 62361

Ion Ratio Lower Upper

180 100

182 96.6 48.5 145.6

145 30.0 14.2 42.6



#94

Hexachlorobutadiene

Concen: 20.997 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD077517.D

Acq: 08 Nov 2023 12:56

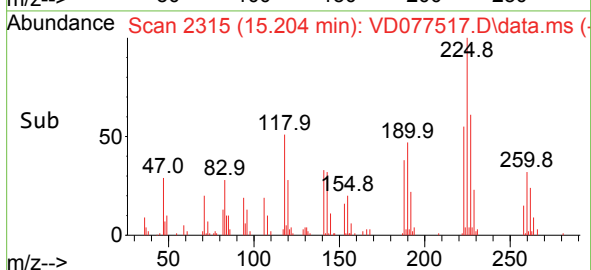
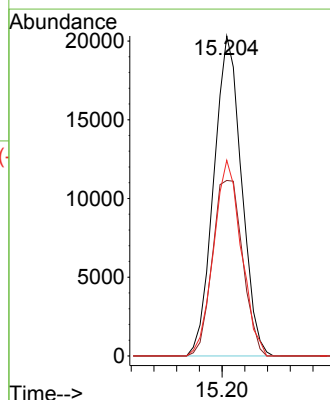
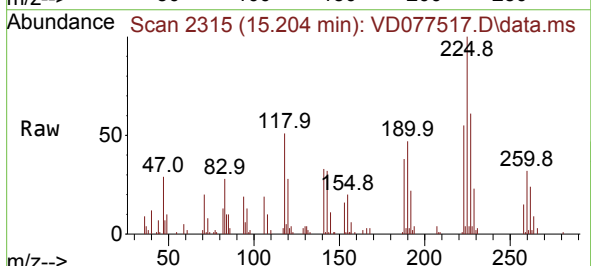
Tgt Ion:225 Resp: 34428

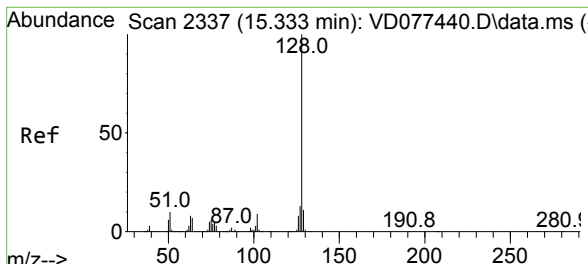
Ion Ratio Lower Upper

225 100

223 59.9 31.6 94.8

227 61.2 31.7 95.1

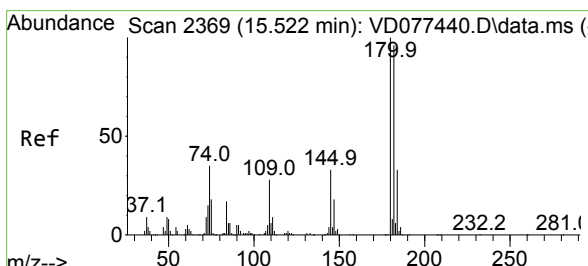
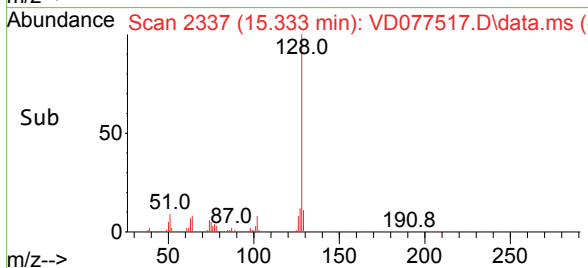
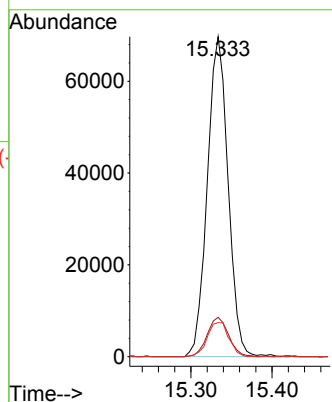
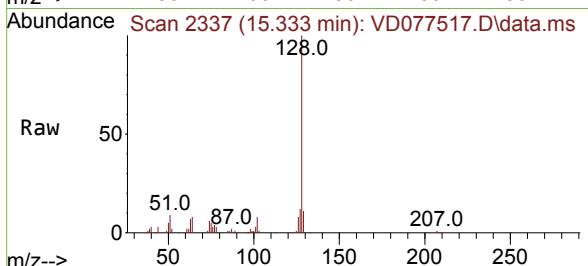




#95
Naphthalene
Concen: 21.343 ug/l
RT: 15.333 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VD077517.D
Acq: 08 Nov 2023 12:56

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 123763
Ion Ratio Lower Upper
128 100
127 12.3 10.5 15.7
129 10.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 20.897 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD077517.D
Acq: 08 Nov 2023 12:56

Tgt Ion:180 Resp: 54832
Ion Ratio Lower Upper
180 100
182 93.0 47.3 141.9
145 31.9 15.1 45.3

