

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101923\
 Data File : VD077352.D
 Acq On : 19 Oct 2023 13:42
 Operator : JC/SY
 Sample : VD1019SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 20 02:06:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 18 03:02:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	171453	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	297564	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	275698	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	137362	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	88301	57.676	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 115.360%	
35) Dibromofluoromethane	7.805	113	102248	48.910	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.820%	
50) Toluene-d8	10.269	98	383342	51.202	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.400%	
62) 4-Bromofluorobenzene	12.575	95	107282	49.780	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 99.560%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	39651	24.876	ug/l	88
3) Chloromethane	2.152	50	72282	22.269	ug/l	93
4) Vinyl Chloride	2.287	62	85556	22.314	ug/l	100
5) Bromomethane	2.687	94	63242	25.667	ug/l	99
6) Chloroethane	2.840	64	67706	25.119	ug/l	99
7) Trichlorofluoromethane	3.175	101	102515	26.356	ug/l	98
8) Diethyl Ether	3.593	74	31069	29.803	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.969	101	51641	25.663	ug/l	96
10) Methyl Iodide	4.164	142	52077	21.150	ug/l	93
11) Tert butyl alcohol	5.058	59	11350	131.789	ug/l	96
12) 1,1-Dichloroethene	3.940	96	51663	26.170	ug/l	95
13) Acrolein	3.793	56	24216	161.979	ug/l	95
14) Allyl chloride	4.569	41	40234	21.480	ug/l	95
15) Acrylonitrile	5.252	53	41098	130.090	ug/l	98
16) Acetone	4.016	43	43603	129.878	ug/l	97
17) Carbon Disulfide	4.275	76	142601	24.573	ug/l	99
18) Methyl Acetate	4.558	43	27770	23.767	ug/l	99
19) Methyl tert-butyl Ether	5.311	73	78237	23.268	ug/l	100
20) Methylene Chloride	4.799	84	76636	36.420	ug/l	94
21) trans-1,2-Dichloroethene	5.311	96	44848	21.843	ug/l	93
22) Diisopropyl ether	6.210	45	97266	26.453	ug/l	97
23) Vinyl Acetate	6.152	43	231128	134.135	ug/l #	91
24) 1,1-Dichloroethane	6.110	63	75174	24.590	ug/l	95
25) 2-Butanone	7.081	43	46598	133.803	ug/l	95
26) 2,2-Dichloropropane	7.075	77	65189	23.387	ug/l	96
27) cis-1,2-Dichloroethene	7.075	96	51147	22.217	ug/l	98
28) Bromochloromethane	7.422	49	30058	26.916	ug/l	85
29) Tetrahydrofuran	7.440	42	27203	135.411	ug/l	95
30) Chloroform	7.593	83	82422	23.499	ug/l	95
31) Cyclohexane	7.881	56	55754	23.407	ug/l	96
32) 1,1,1-Trichloroethane	7.793	97	68099	22.505	ug/l	98
36) 1,1-Dichloropropene	8.010	75	59316	21.594	ug/l	98
37) Ethyl Acetate	7.163	43	21396	24.797	ug/l	97
38) Carbon Tetrachloride	7.993	117	61827	20.233	ug/l	99
39) Methylcyclohexane	9.275	83	63088	18.902	ug/l	91
40) Benzene	8.252	78	179043	21.478	ug/l	98

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Instrument :
 MSVOA_D
 ClientSampleId :

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	6358	15.440	ug/l #	42
42) 1,2-Dichloroethane	8.328	62	44004	22.411	ug/l	96
43) Isopropyl Acetate	8.363	43	37962	24.439	ug/l #	80
44) Trichloroethene	9.028	130	47685	19.566	ug/l	94
45) 1,2-Dichloropropane	9.304	63	42247	21.986	ug/l	97
46) Dibromomethane	9.393	93	26659	22.191	ug/l	89
47) Bromodichloromethane	9.581	83	61388	21.430	ug/l	97
48) Methyl methacrylate	9.381	41	16355	23.274	ug/l	93
49) 1,4-Dioxane	9.381	88	4933	439.479	ug/l #	84
51) 4-Methyl-2-Pentanone	10.157	43	96571	124.021	ug/l	95
52) Toluene	10.334	92	115072	21.142	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	55407	21.548	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	67802	21.552	ug/l	93
55) 1,1,2-Trichloroethane	10.728	97	36748	22.086	ug/l	88
56) Ethyl methacrylate	10.598	69	34169	21.488	ug/l	95
57) 1,3-Dichloropropane	10.881	76	55201	21.597	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.869	63	98723	125.542	ug/l	98
59) 2-Hexanone	10.922	43	69865	124.926	ug/l	95
60) Dibromochloromethane	11.075	129	41519	19.542	ug/l	95
61) 1,2-Dibromoethane	11.181	107	33707	21.498	ug/l	98
64) Tetrachloroethene	10.810	164	37304	18.204	ug/l	92
65) Chlorobenzene	11.610	112	120355	20.028	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	43671	19.118	ug/l	99
67) Ethyl Benzene	11.687	91	197844	19.861	ug/l	97
68) m/p-Xylenes	11.793	106	163669	40.010	ug/l	94
69) o-Xylene	12.122	106	74268	19.722	ug/l	96
70) Styrene	12.134	104	129063	20.088	ug/l	99
71) Bromoform	12.298	173	24912	19.894	ug/l #	97
73) Isopropylbenzene	12.422	105	187133	20.596	ug/l	96
74) N-amyl acetate	12.234	43	33918	25.950	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.675	83	40994	24.829	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	46758	26.440	ug/l #	100
77) Bromobenzene	12.698	156	46195	19.366	ug/l	93
78) n-propylbenzene	12.763	91	239276	21.867	ug/l	97
79) 2-Chlorotoluene	12.851	91	129116	21.664	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	159343	21.252	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.475	75	12186	23.771	ug/l	97
82) 4-Chlorotoluene	12.945	91	137220	22.114	ug/l	99
83) tert-Butylbenzene	13.169	119	134625	20.252	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	159570	21.138	ug/l	96
85) sec-Butylbenzene	13.345	105	208966	20.890	ug/l	94
86) p-Isopropyltoluene	13.463	119	171863	19.777	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	99746	19.870	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	102231	20.551	ug/l	99
89) n-Butylbenzene	13.787	91	161121	21.293	ug/l	98
90) Hexachloroethane	14.051	117	36962	21.042	ug/l	95
91) 1,2-Dichlorobenzene	13.834	146	85583	20.182	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.451	75	5332	26.385	ug/l	99
93) 1,2,4-Trichlorobenzene	15.098	180	48455	18.340	ug/l	96
94) Hexachlorobutadiene	15.204	225	24839	16.554	ug/l	99
95) Naphthalene	15.334	128	86450	19.380	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	43235	18.853	ug/l	98

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ALS Vial : 6 Sample Multiplier: 1

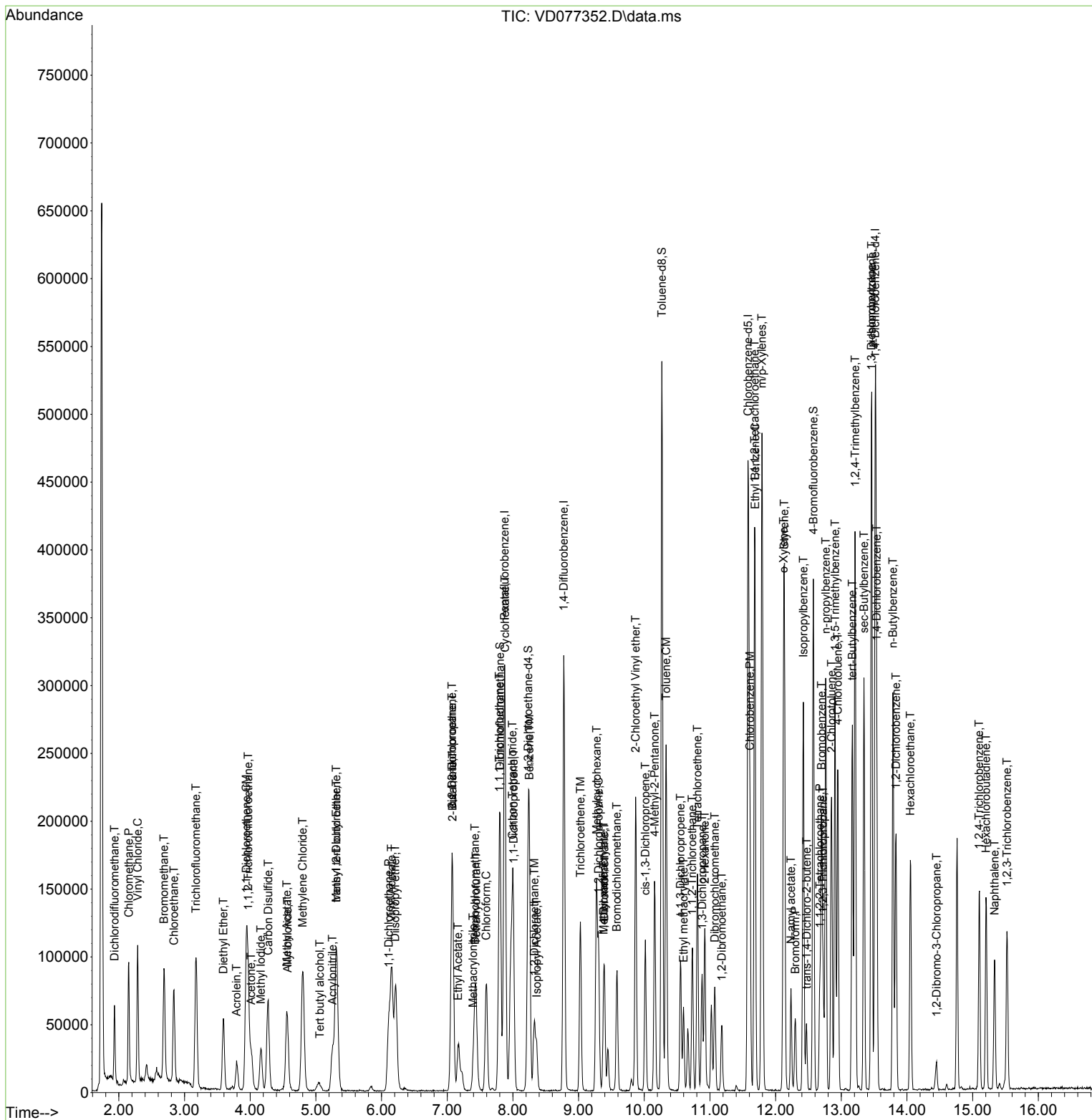
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MSVOA_D
ClientSampleId :

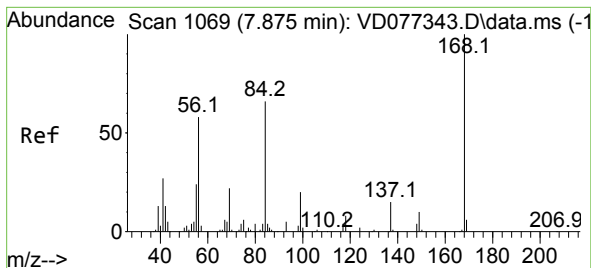
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Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD077352.D

Acq: 19 Oct 2023 13:42

Instrument :

MSVOA_D

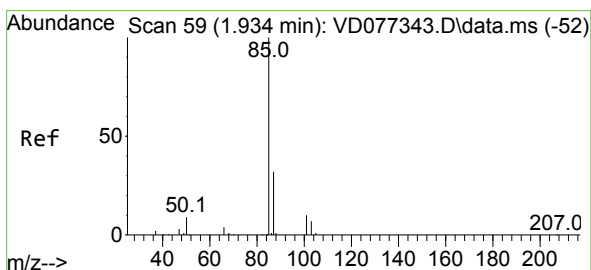
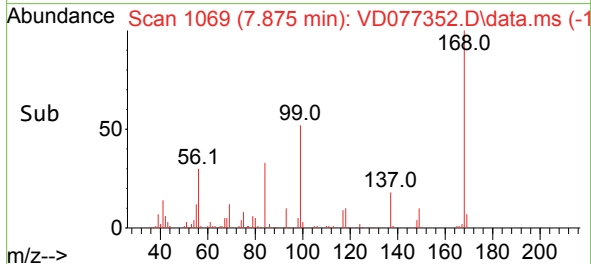
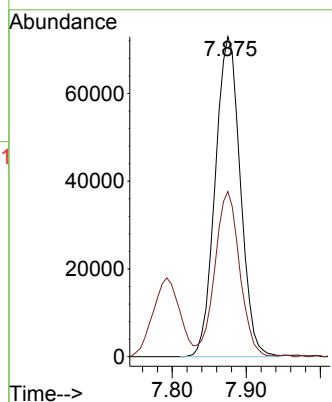
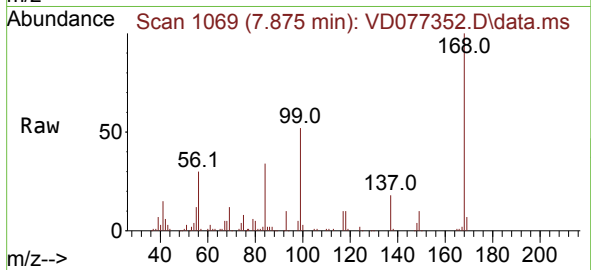
ClientSampleId :

Tgt Ion:168 Resp: 171453

Ion Ratio Lower Upper

168 100

99 51.3 36.7 55.1



#2

Dichlorodifluoromethane

Concen: 24.876 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD077352.D

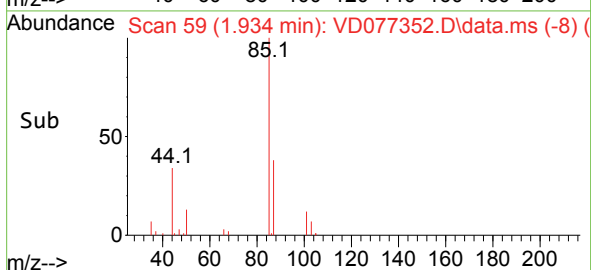
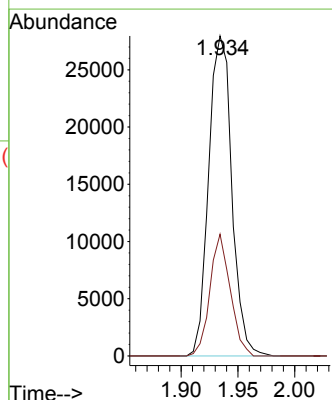
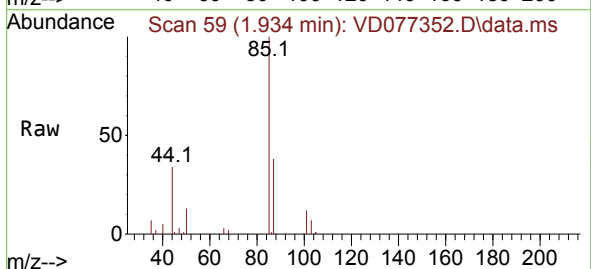
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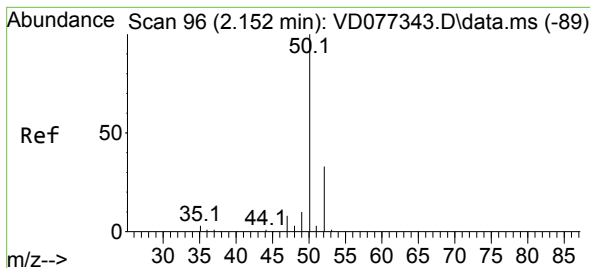
Tgt Ion: 85 Resp: 39651

Ion Ratio Lower Upper

85 100

87 38.1 15.7 47.0





#3

Chloromethane

Concen: 22.269 ug/l

RT: 2.152 min Scan# 96

Delta R.T. -0.000 min

Lab File: VD077352.D

Acq: 19 Oct 2023 13:42

Instrument :

MSVOA_D

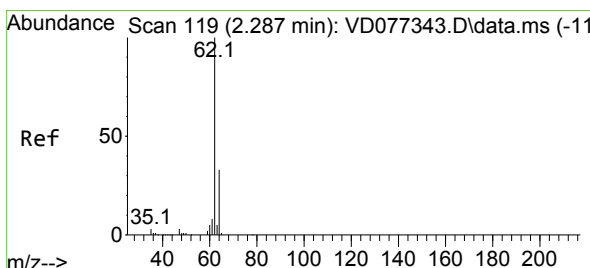
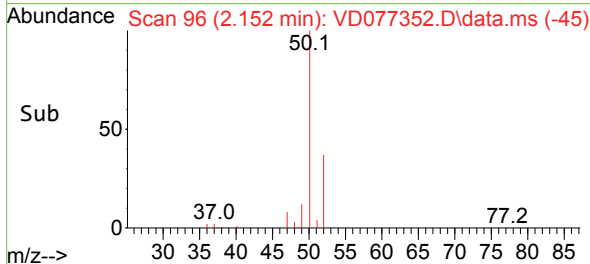
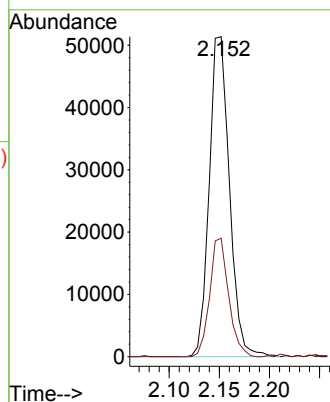
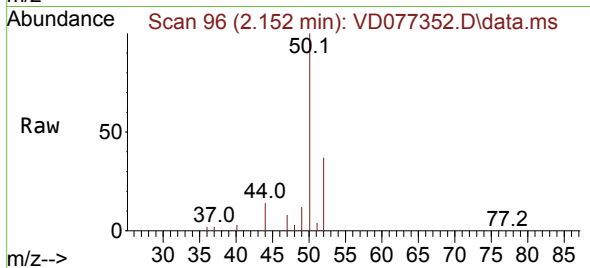
ClientSampleId :

Tgt Ion: 50 Resp: 72282

Ion Ratio Lower Upper

50 100

52 37.0 26.6 40.0



#4

Vinyl Chloride

Concen: 22.314 ug/l

RT: 2.287 min Scan# 119

Delta R.T. 0.000 min

Lab File: VD077352.D

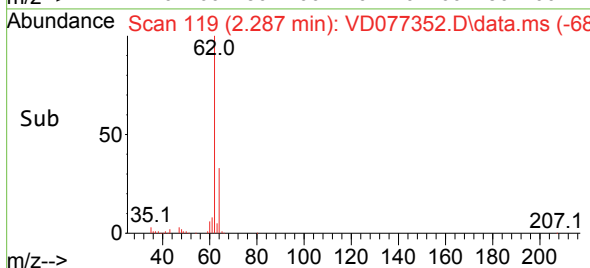
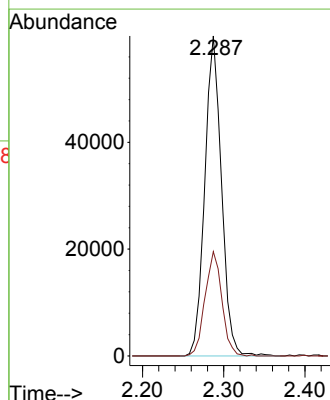
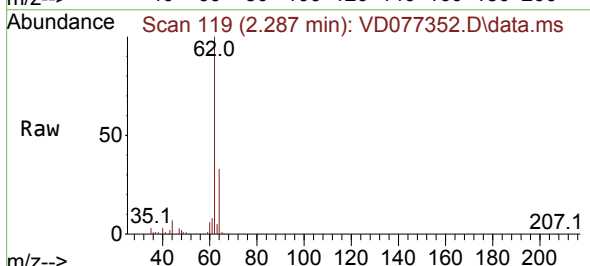
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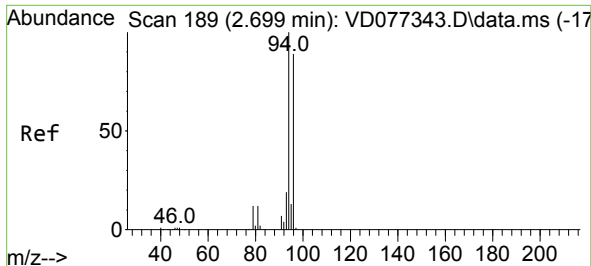
Tgt Ion: 62 Resp: 85556

Ion Ratio Lower Upper

62 100

64 32.6 26.0 39.0

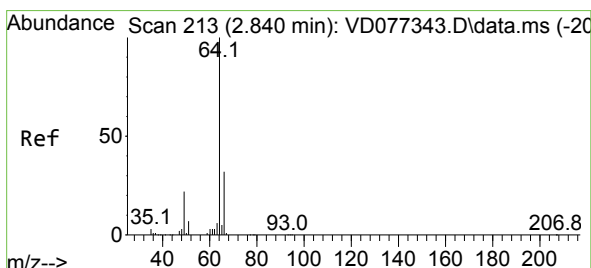
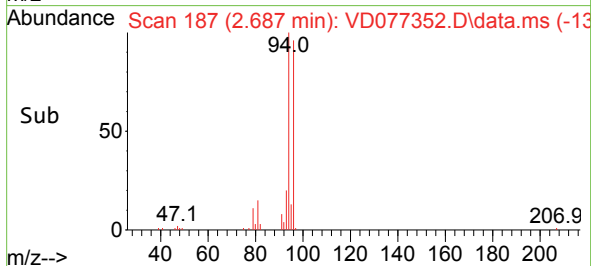
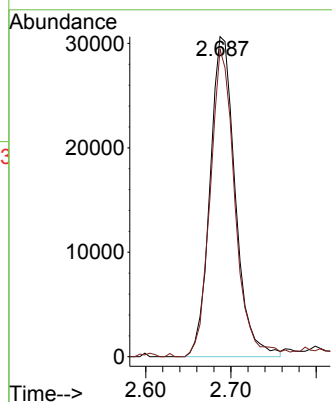
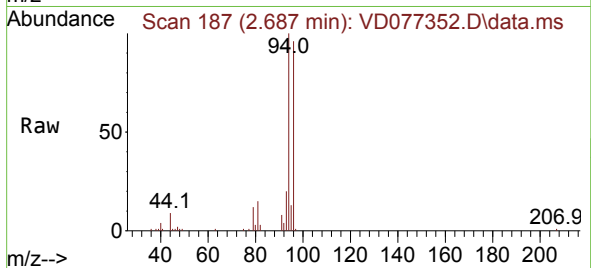




#5
Bromomethane
Concen: 25.667 ug/l
RT: 2.687 min Scan# 11
Delta R.T. -0.012 min
Lab File: VD077352.D
Acq: 19 Oct 2023 13:42

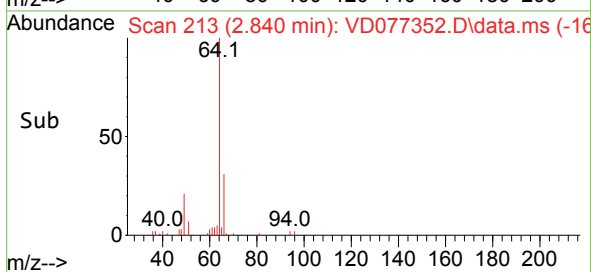
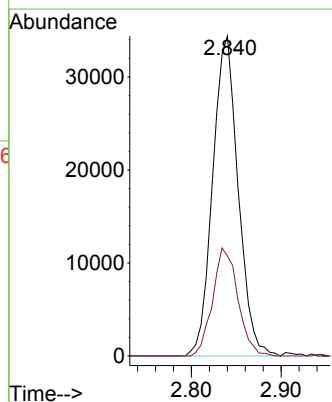
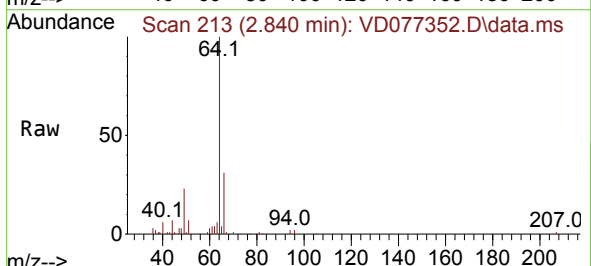
Instrument :
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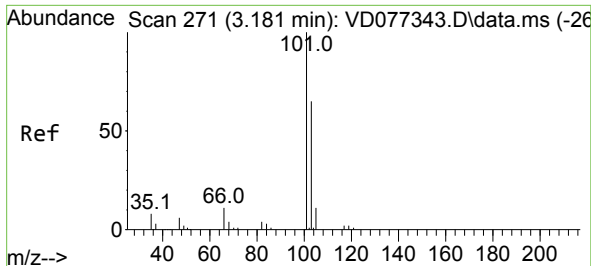
Tgt Ion: 94 Resp: 63242
Ion Ratio Lower Upper
94 100
96 94.1 75.8 113.8



#6
Chloroethane
Concen: 25.119 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD077352.D
Acq: 19 Oct 2023 13:42

Tgt Ion: 64 Resp: 67706
Ion Ratio Lower Upper
64 100
66 31.3 25.5 38.3

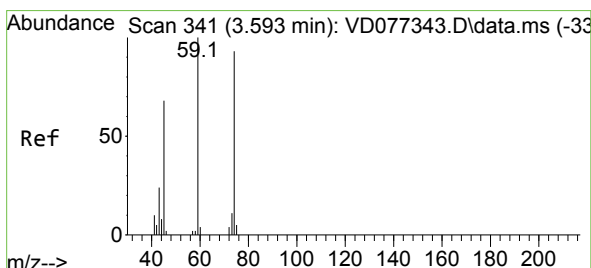
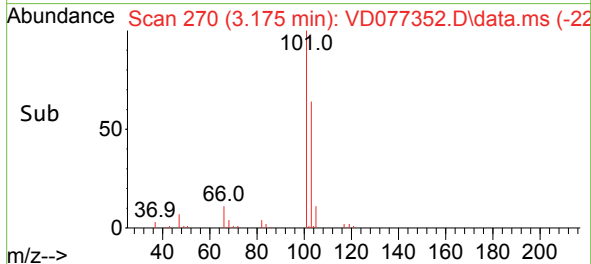
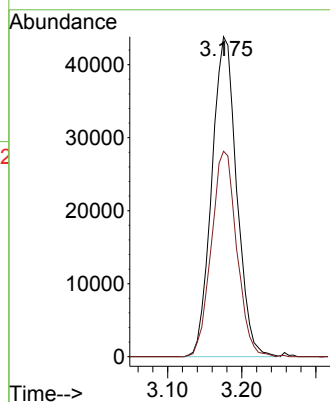
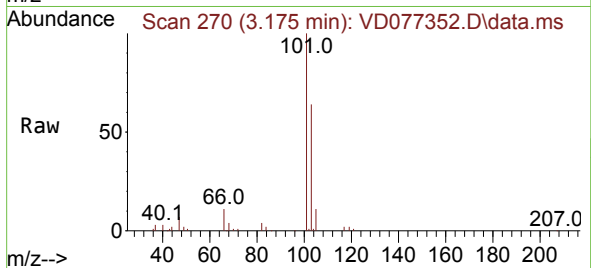




#7
Trichlorofluoromethane
Concen: 26.356 ug/l
RT: 3.175 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD077352.D
Acq: 19 Oct 2023 13:42

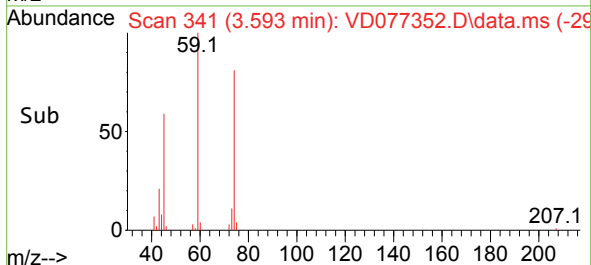
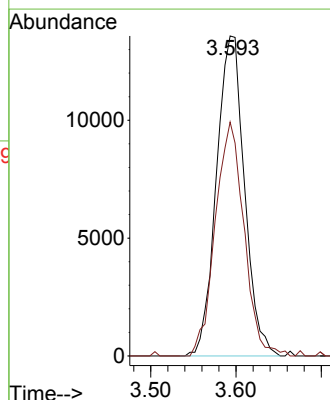
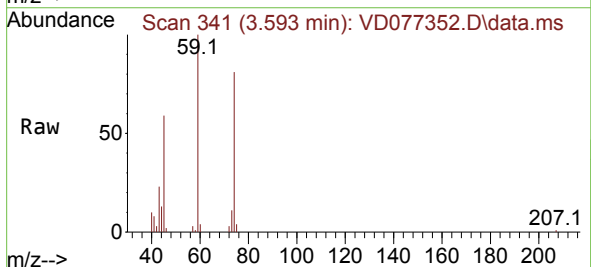
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ClientSampleId :

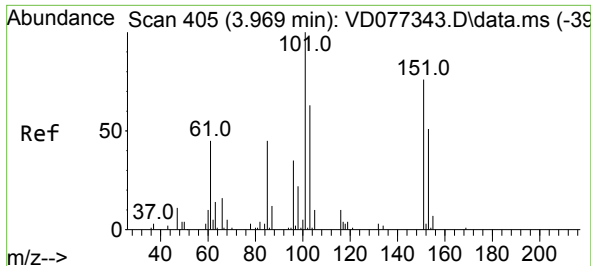
Tgt Ion:101 Resp: 102515
Ion Ratio Lower Upper
101 100
103 64.2 52.3 78.5



#8
Diethyl Ether
Concen: 29.803 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.000 min
Lab File: VD077352.D
Acq: 19 Oct 2023 13:42

Tgt Ion: 74 Resp: 31069
Ion Ratio Lower Upper
74 100
45 74.9 37.5 112.7

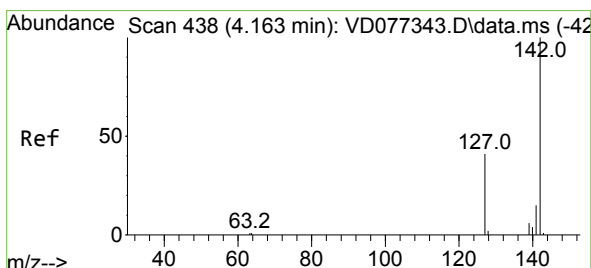
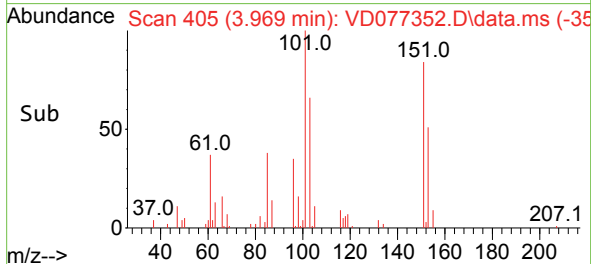
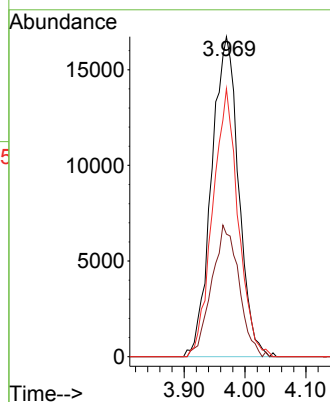
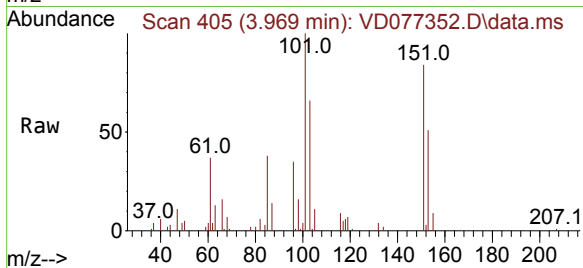




#9
1,1,2-Trichlorotrifluoroethane
Concen: 25.663 ug/l
RT: 3.969 min Scan# 405
Delta R.T. 0.000 min
Lab File: VD077352.D
Acq: 19 Oct 2023 13:42

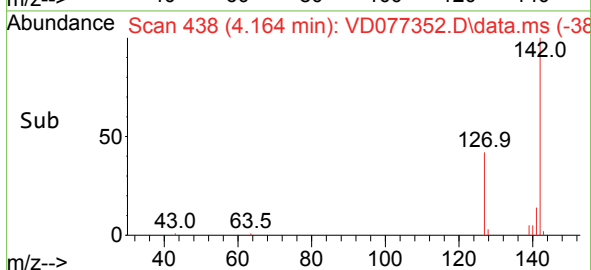
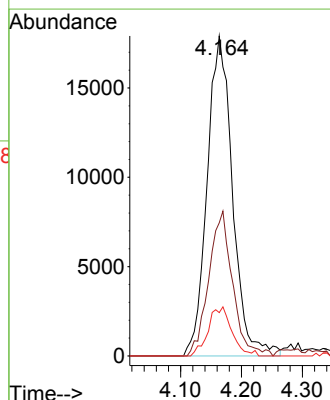
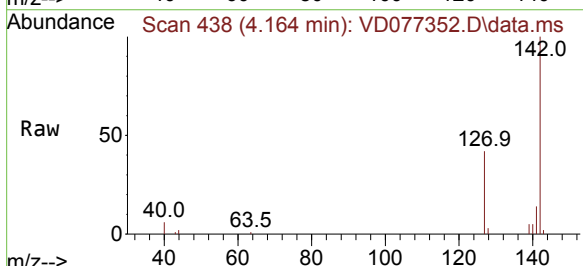
Instrument :
MSVOA_D
ClientSampleId :

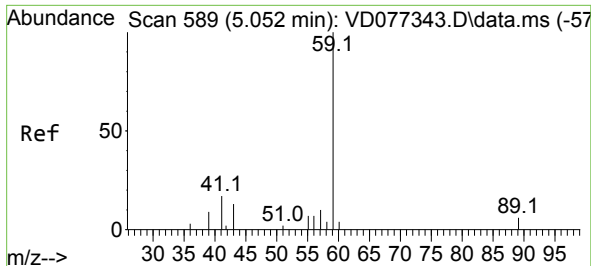
Tgt Ion:	101	Resp:	51641
Ion	Ratio	Lower	Upper
101	100		
85	41.5	33.8	50.6
151	78.9	59.8	89.6



#10
Methyl Iodide
Concen: 21.150 ug/l
RT: 4.164 min Scan# 438
Delta R.T. 0.001 min
Lab File: VD077352.D
Acq: 19 Oct 2023 13:42

Tgt Ion:	142	Resp:	52077
Ion	Ratio	Lower	Upper
142	100		
127	42.3	29.4	44.0
141	14.2	11.1	16.7

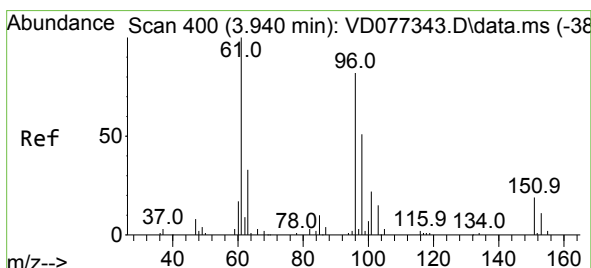
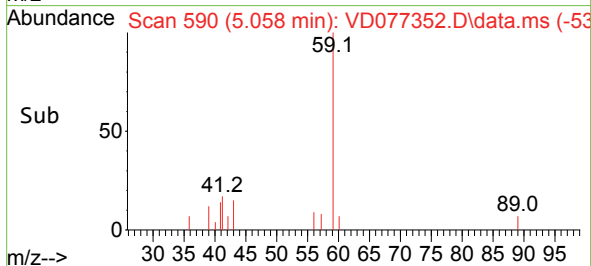
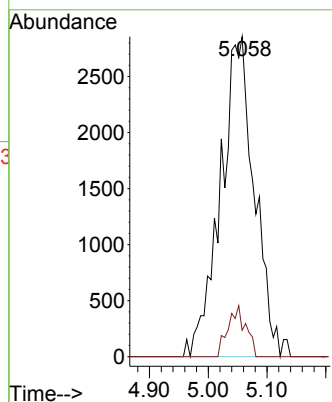
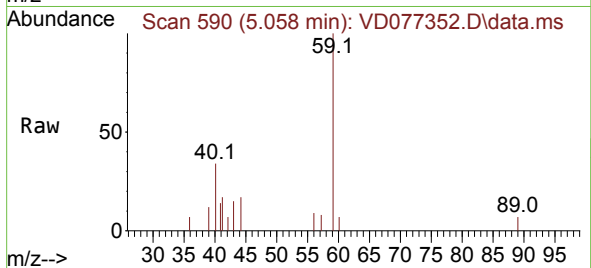




#11
Tert butyl alcohol
Concen: 131.789 ug/l
RT: 5.058 min Scan# 51
Delta R.T. 0.006 min
Lab File: VD077352.D
Acq: 19 Oct 2023 13:42

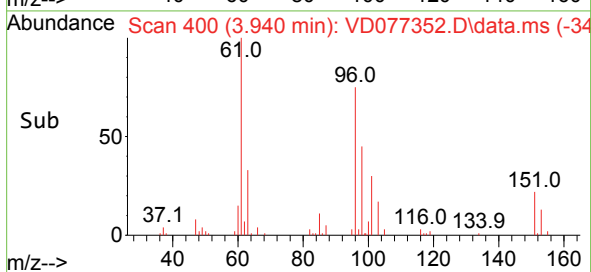
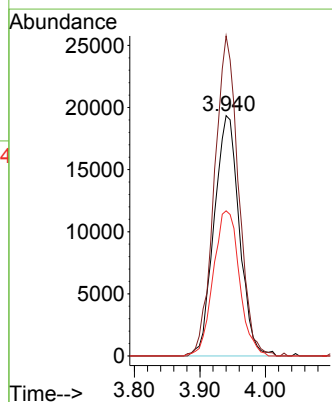
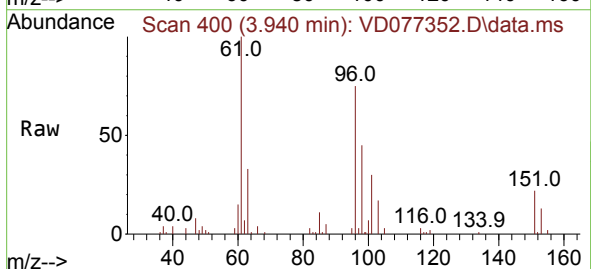
Instrument :
MSVOA_D
ClientSampleId :

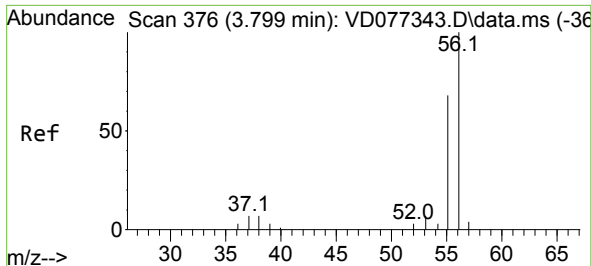
Tgt Ion: 59 Resp: 11350
Ion Ratio Lower Upper
59 100
57 8.4 7.8 11.8



#12
1,1-Dichloroethene
Concen: 26.170 ug/l
RT: 3.940 min Scan# 400
Delta R.T. 0.000 min
Lab File: VD077352.D
Acq: 19 Oct 2023 13:42

Tgt Ion: 96 Resp: 51663
Ion Ratio Lower Upper
96 100
61 133.2 100.6 150.8
98 60.4 50.2 75.2





#13

Acrolein

Concen: 161.979 ug/l

RT: 3.793 min Scan# 31

Delta R.T. -0.006 min

Lab File: VD077352.D

Acq: 19 Oct 2023 13:42

Instrument :

MSVOA_D

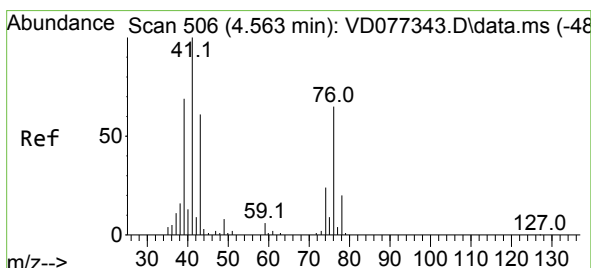
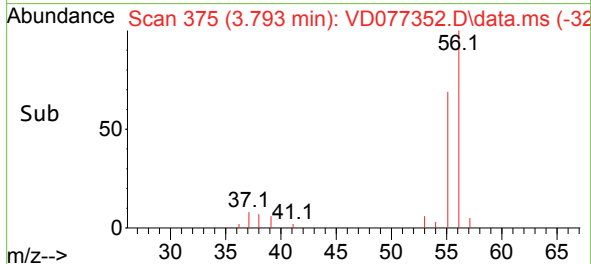
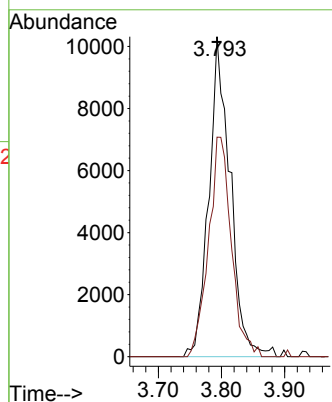
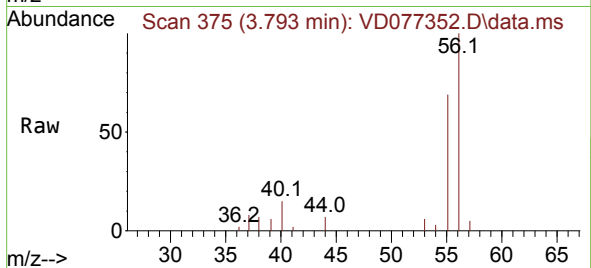
ClientSampleId :

Tgt Ion: 56 Resp: 24216

Ion Ratio Lower Upper

56 100

55 73.1 55.1 82.7



#14

Allyl chloride

Concen: 21.480 ug/l

RT: 4.569 min Scan# 507

Delta R.T. 0.006 min

Lab File: VD077352.D

Acq: 19 Oct 2023 13:42

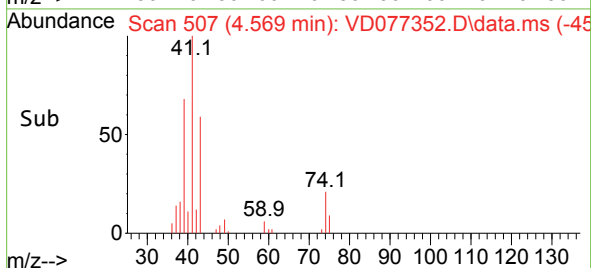
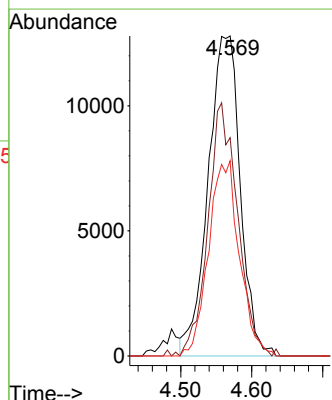
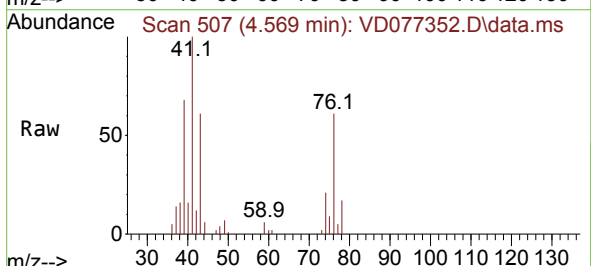
Tgt Ion: 41 Resp: 40234

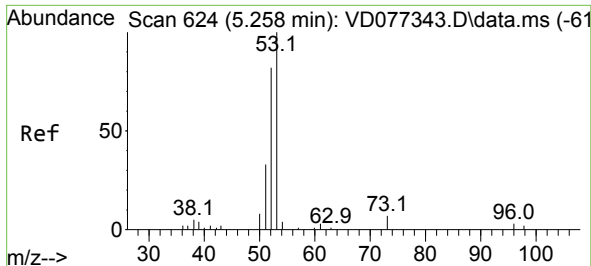
Ion Ratio Lower Upper

41 100

39 72.9 53.8 80.6

76 58.4 45.8 68.8

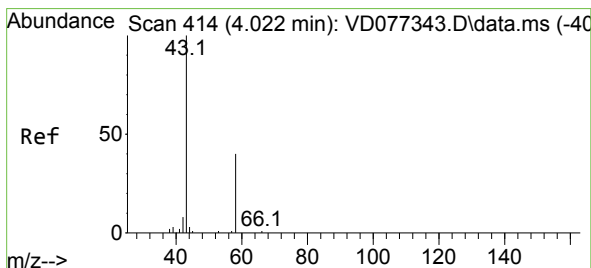
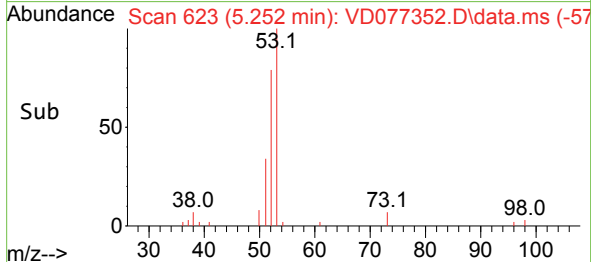
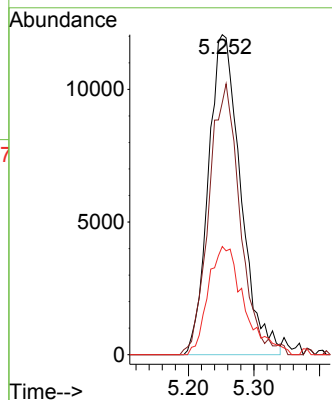
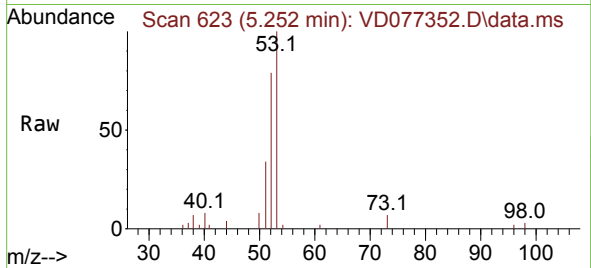




#15
Acrylonitrile
Concen: 130.090 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD077352.D
Acq: 19 Oct 2023 13:42

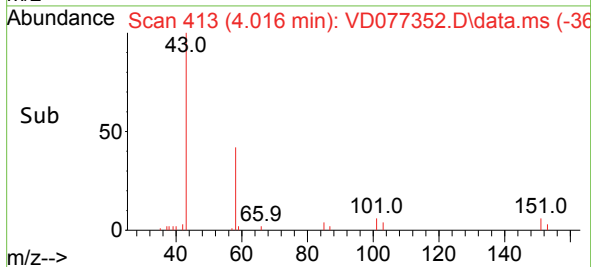
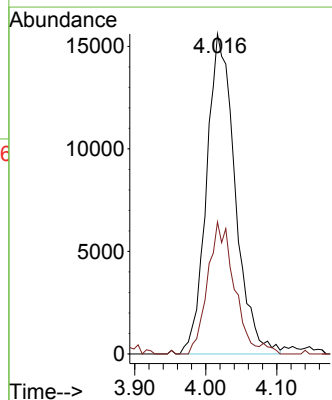
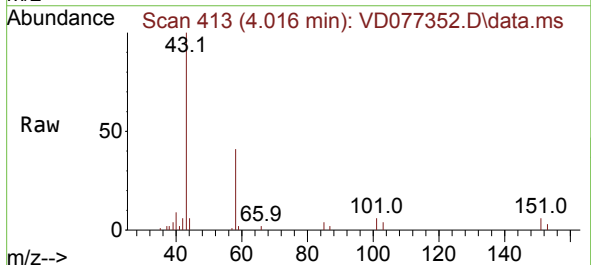
Instrument :
MSVOA_D
ClientSampleId :

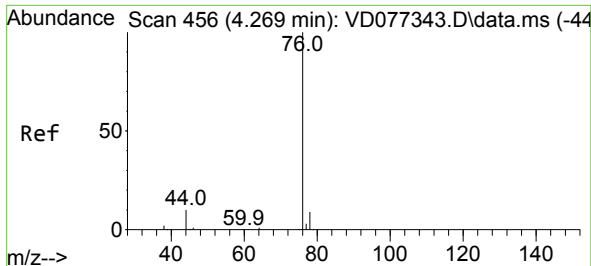
Tgt Ion: 53 Resp: 41098
Ion Ratio Lower Upper
53 100
52 82.1 65.0 97.4
51 37.6 28.3 42.5



#16
Acetone
Concen: 129.878 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD077352.D
Acq: 19 Oct 2023 13:42

Tgt Ion: 43 Resp: 43603
Ion Ratio Lower Upper
43 100
58 41.3 34.7 52.1

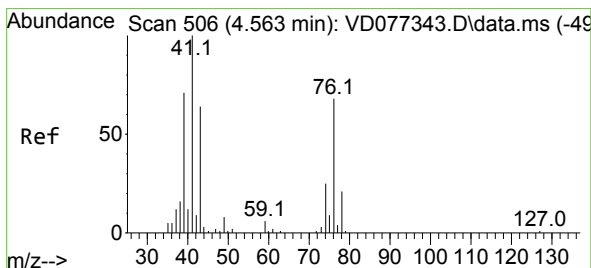
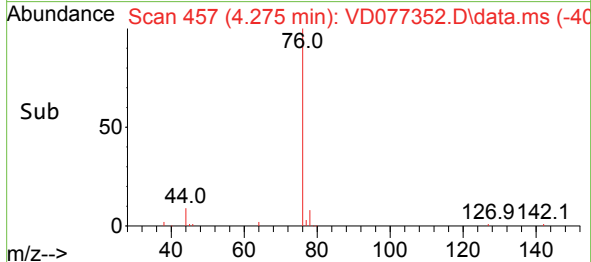
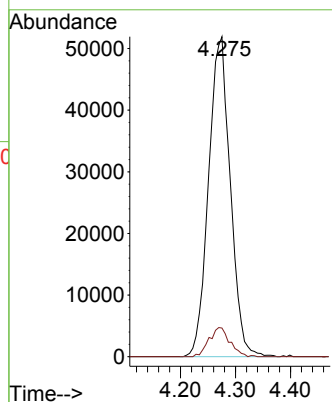
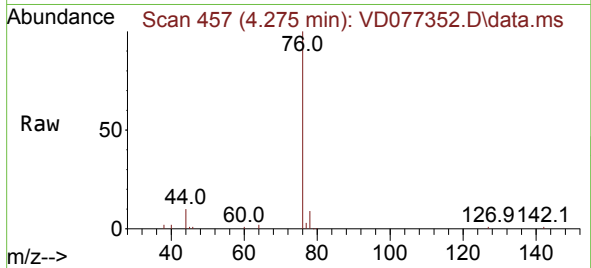




#17
Carbon Disulfide
Concen: 24.573 ug/l
RT: 4.275 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD077352.D
Acq: 19 Oct 2023 13:42

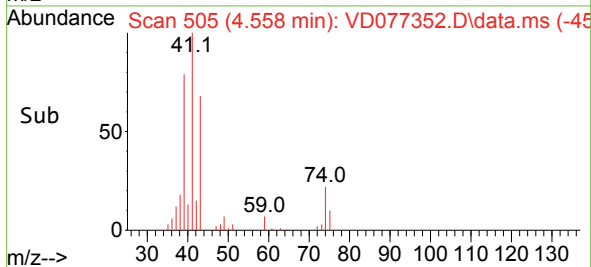
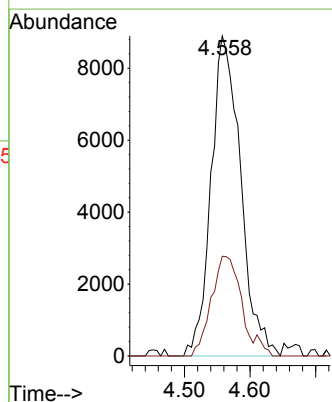
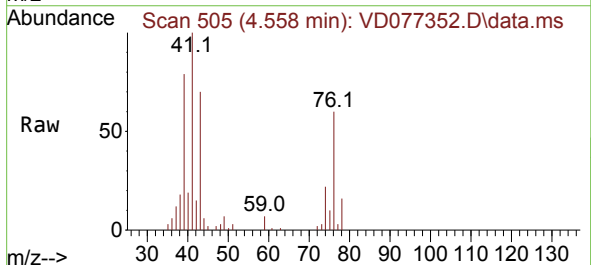
Instrument :
MSVOA_D
ClientSampleId :

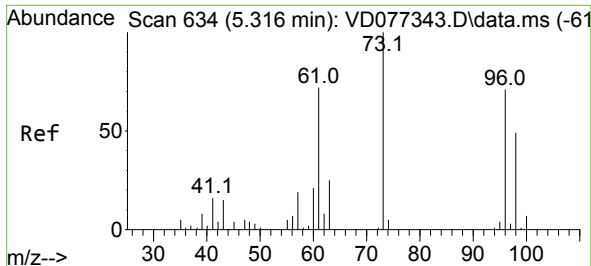
Tgt Ion: 76 Resp: 142601
Ion Ratio Lower Upper
76 100
78 9.0 6.8 10.2



#18
Methyl Acetate
Concen: 23.767 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.005 min
Lab File: VD077352.D
Acq: 19 Oct 2023 13:42

Tgt Ion: 43 Resp: 27770
Ion Ratio Lower Upper
43 100
74 32.3 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 23.268 ug/l

RT: 5.311 min Scan# 61

Delta R.T. -0.005 min

Lab File: VD077352.D

Acq: 19 Oct 2023 13:42

Instrument :

MSVOA_D

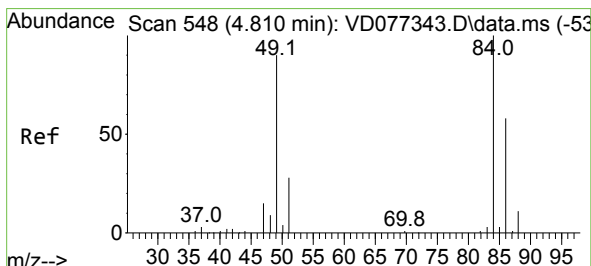
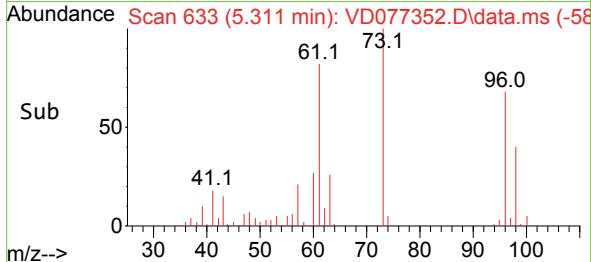
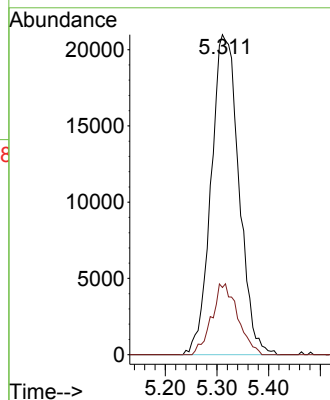
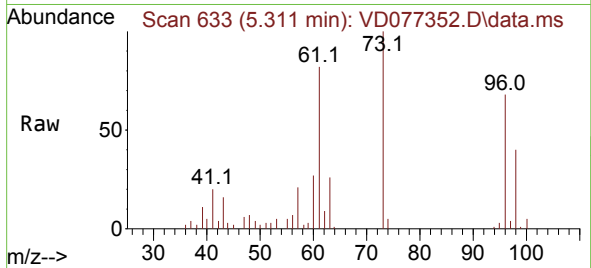
ClientSampleId :

Tgt Ion: 73 Resp: 78237

Ion Ratio Lower Upper

73 100

57 21.0 16.6 25.0



#20

Methylene Chloride

Concen: 36.420 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.011 min

Lab File: VD077352.D

Acq: 19 Oct 2023 13:42

Tgt Ion: 84 Resp: 76636

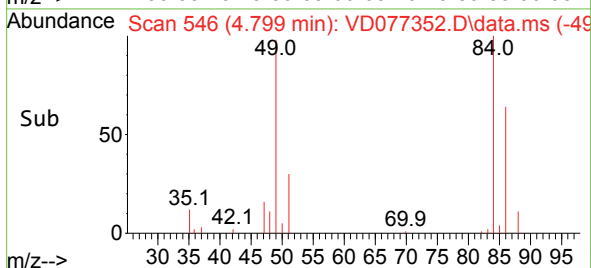
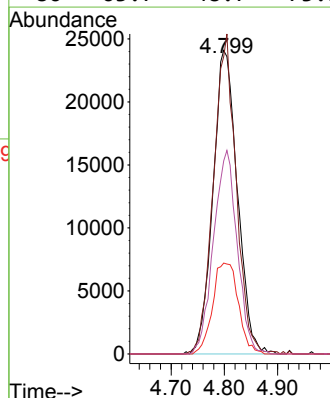
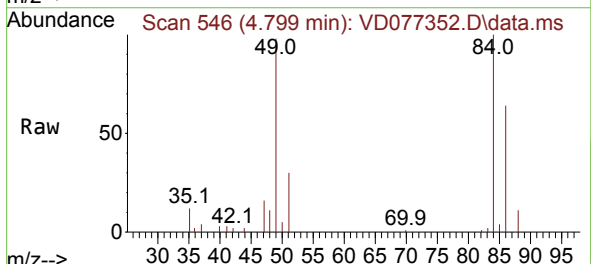
Ion Ratio Lower Upper

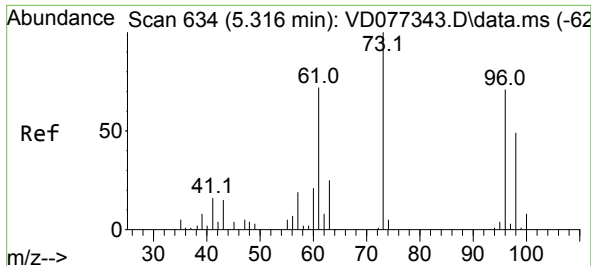
84 100

49 98.0 71.4 107.2

51 30.0 24.5 36.7

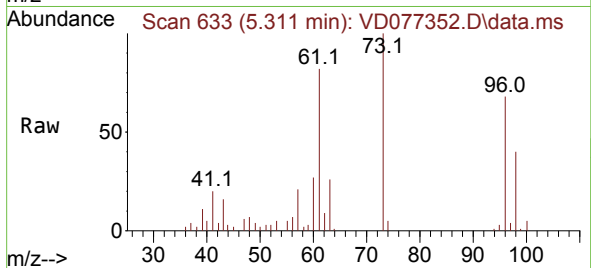
86 63.7 48.7 73.1



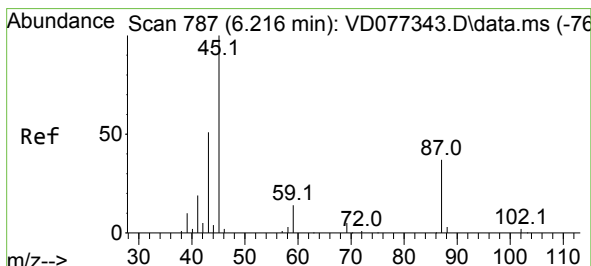
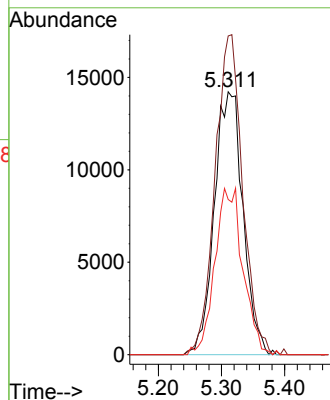
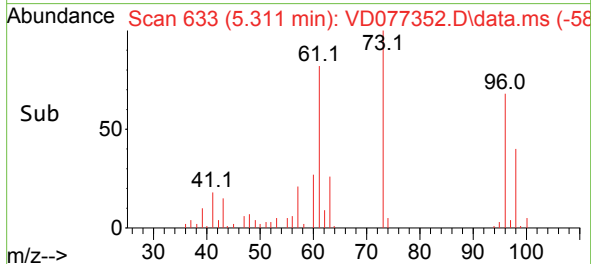


#21
trans-1,2-Dichloroethene
Concen: 21.843 ug/l
RT: 5.311 min Scan# 61
Delta R.T. -0.005 min
Lab File: VD077352.D
Acq: 19 Oct 2023 13:42

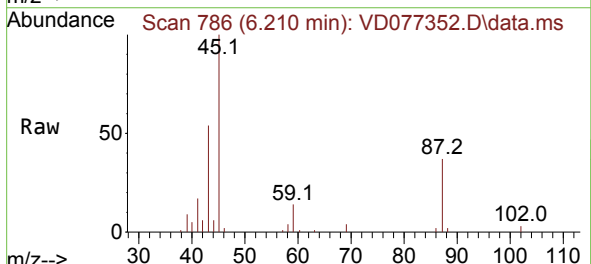
Instrument :
MSVOA_D
ClientSampleId :



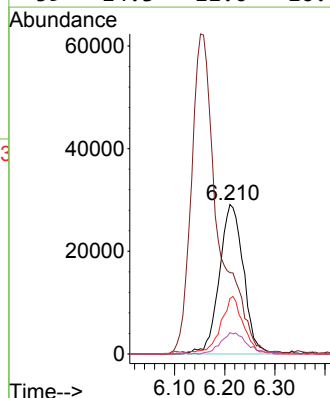
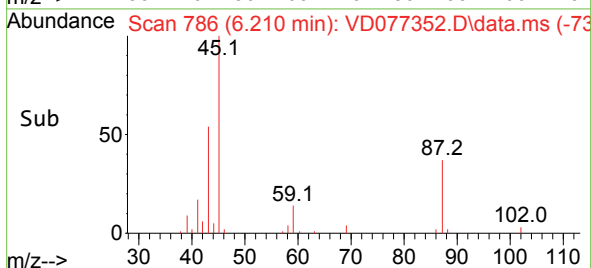
Tgt Ion: 96 Resp: 44848
Ion Ratio Lower Upper
96 100
61 121.2 89.3 133.9
98 59.1 48.6 73.0

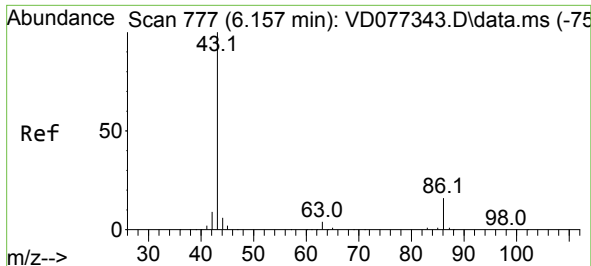


#22
Diisopropyl ether
Concen: 26.453 ug/l
RT: 6.210 min Scan# 786
Delta R.T. -0.006 min
Lab File: VD077352.D
Acq: 19 Oct 2023 13:42



Tgt Ion: 45 Resp: 97266
Ion Ratio Lower Upper
45 100
43 52.8 40.0 60.0
87 37.1 28.2 42.4
59 14.3 11.0 16.4

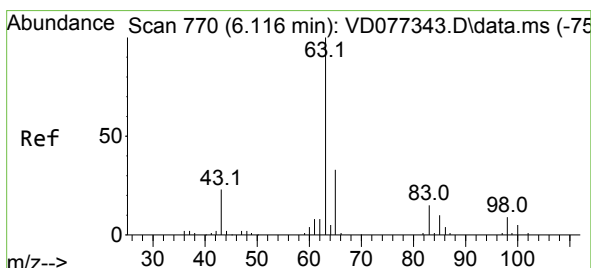
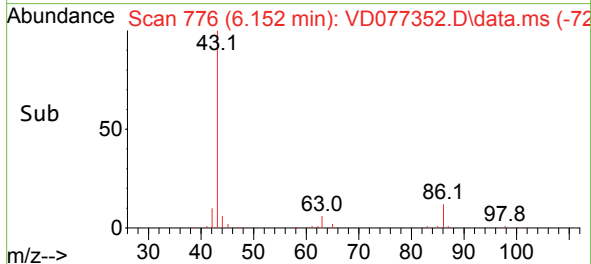
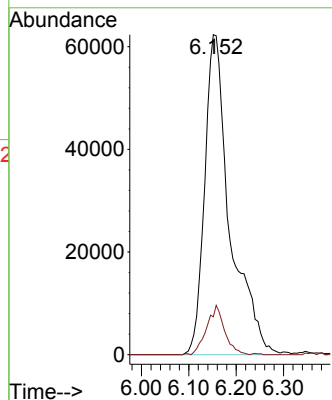
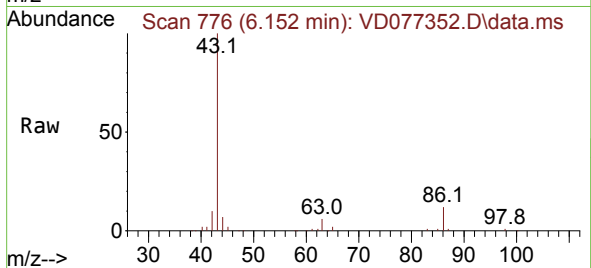




#23
 Vinyl Acetate
 Concen: 134.135 ug/l
 RT: 6.152 min Scan# 71
 Delta R.T. -0.005 min
 Lab File: VD077352.D
 Acq: 19 Oct 2023 13:42

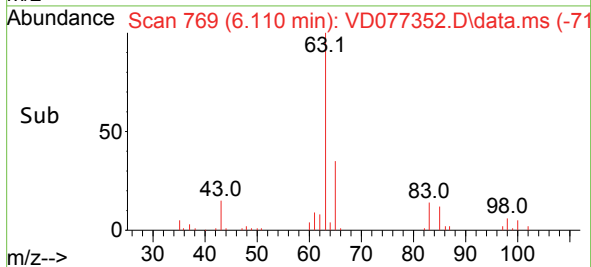
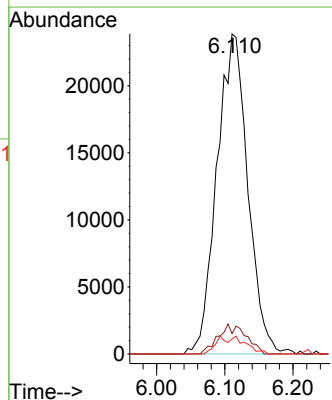
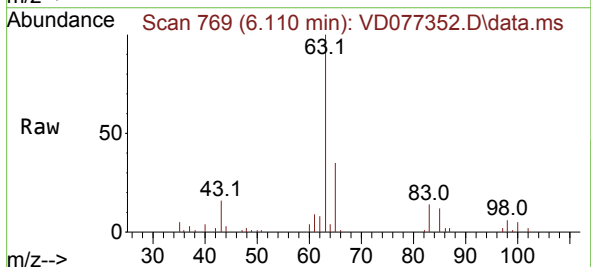
Instrument :
 MSVOA_D
 ClientSampleId :

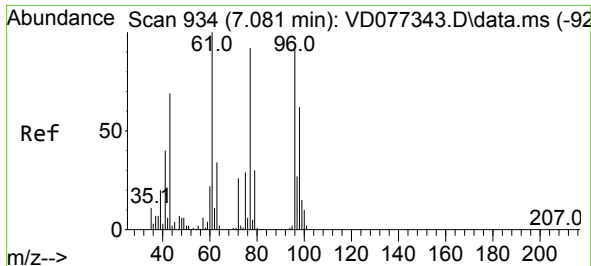
Tgt Ion: 43 Resp: 231128
 Ion Ratio Lower Upper
 43 100
 86 11.8 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 24.590 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. -0.006 min
 Lab File: VD077352.D
 Acq: 19 Oct 2023 13:42

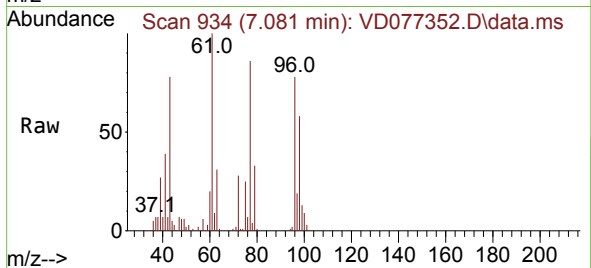
Tgt Ion: 63 Resp: 75174
 Ion Ratio Lower Upper
 63 100
 98 6.3 4.5 13.7
 100 4.7 2.5 7.5



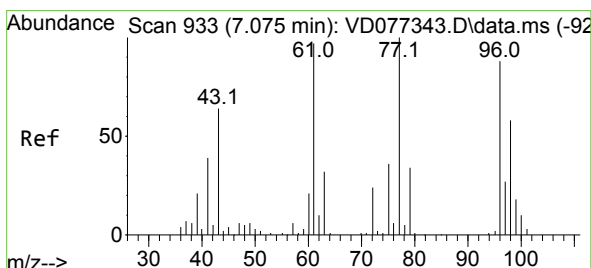
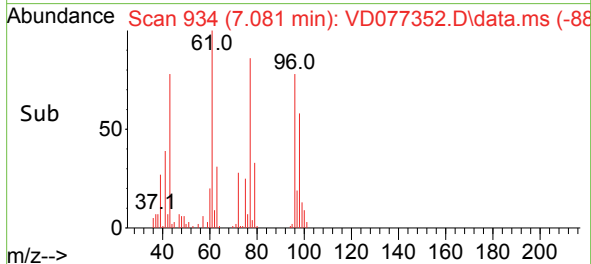
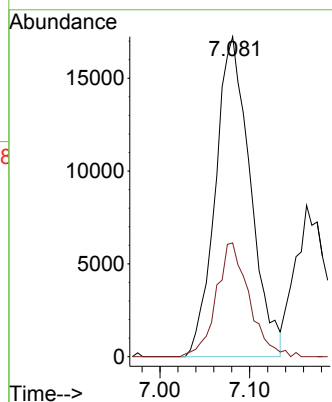


#25
2-Butanone
Concen: 133.803 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD077352.D
Acq: 19 Oct 2023 13:42

Instrument :
MSVOA_D
ClientSampleId :

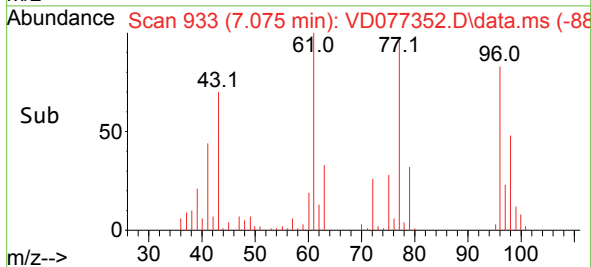
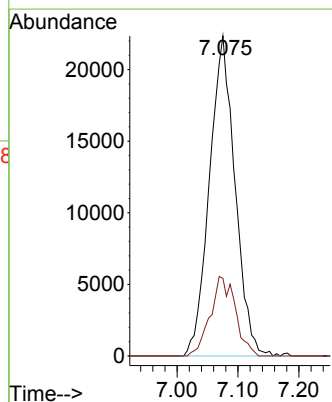
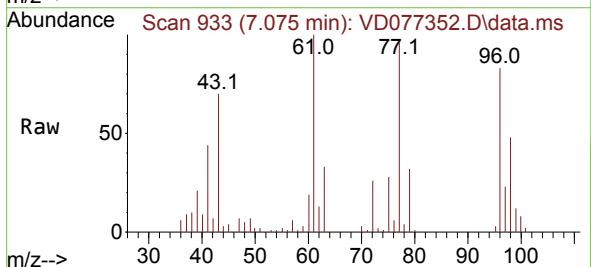


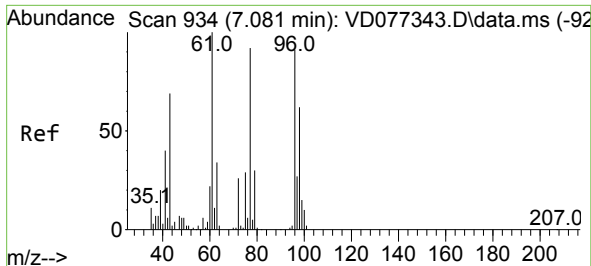
Tgt Ion: 43 Resp: 46598
Ion Ratio Lower Upper
43 100
72 35.6 30.7 46.1



#26
2,2-Dichloropropane
Concen: 23.387 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD077352.D
Acq: 19 Oct 2023 13:42

Tgt Ion: 77 Resp: 65189
Ion Ratio Lower Upper
77 100
97 24.3 13.2 39.6





#27

cis-1,2-Dichloroethene

Concen: 22.217 ug/l

RT: 7.075 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD077352.D

Acq: 19 Oct 2023 13:42

Instrument :

MSVOA_D

ClientSampleId :

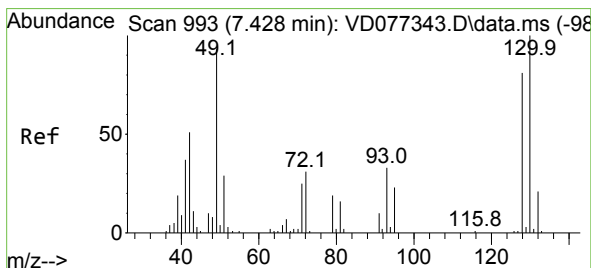
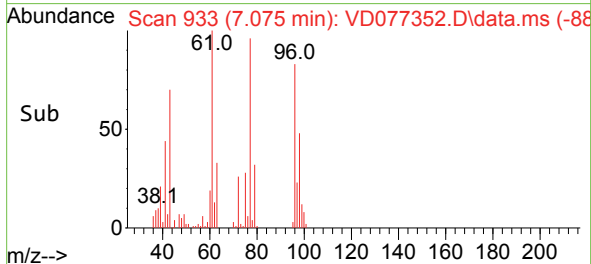
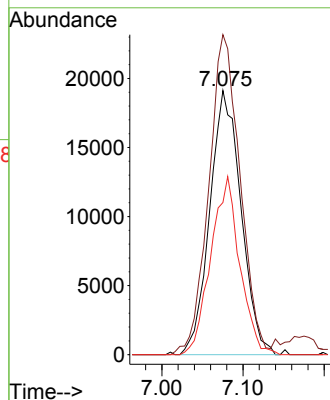
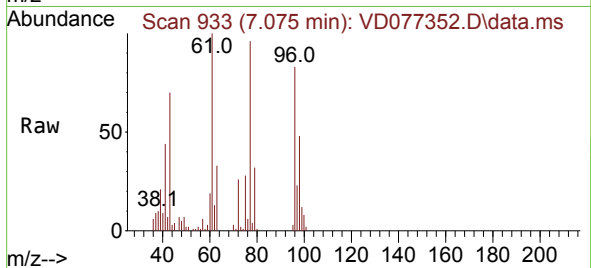
Tgt Ion: 96 Resp: 51147

Ion Ratio Lower Upper

96 100

61 121.5 0.0 239.2

98 62.6 0.0 128.6



#28

Bromochloromethane

Concen: 26.916 ug/l

RT: 7.422 min Scan# 992

Delta R.T. -0.006 min

Lab File: VD077352.D

Acq: 19 Oct 2023 13:42

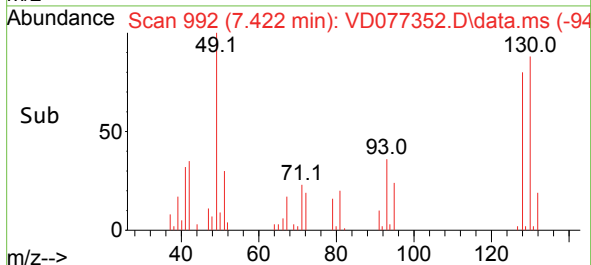
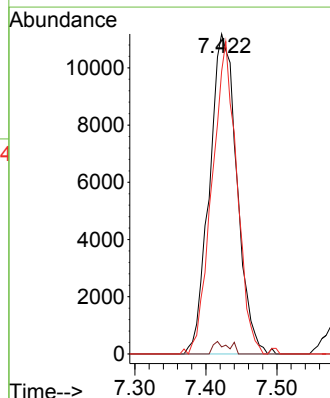
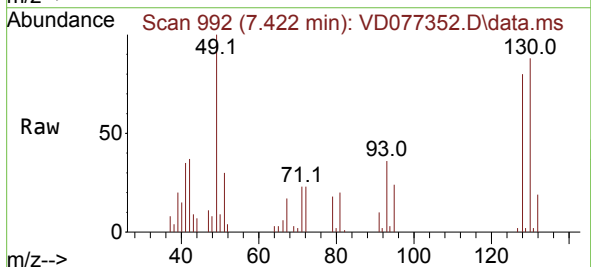
Tgt Ion: 49 Resp: 30058

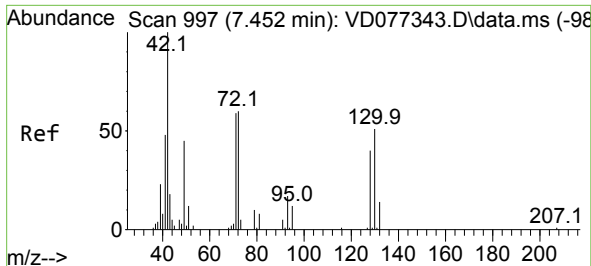
Ion Ratio Lower Upper

49 100

129 2.2 0.0 6.0

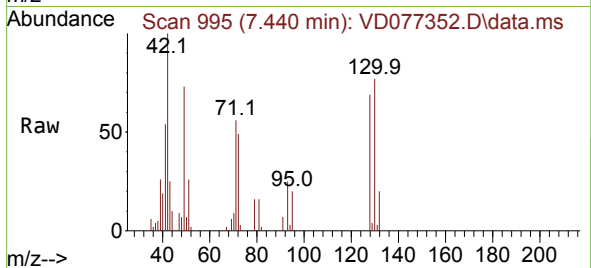
130 88.2 83.2 124.8



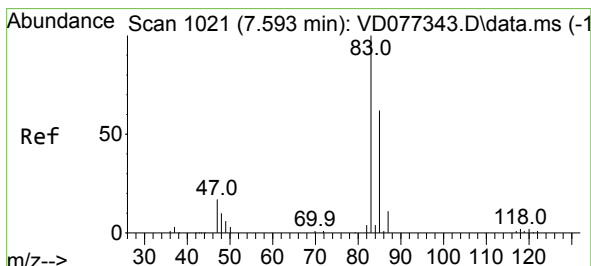
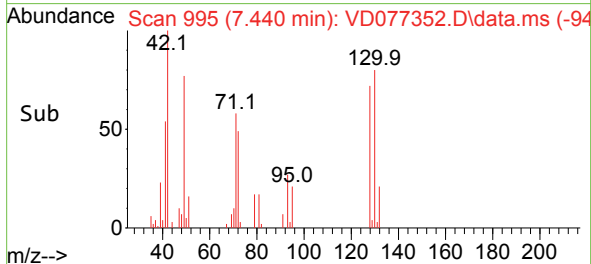
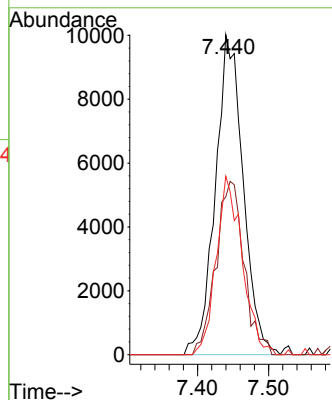


#29
Tetrahydrofuran
Concen: 135.411 ug/l
RT: 7.440 min Scan# 995
Delta R.T. -0.012 min
Lab File: VD077352.D
Acq: 19 Oct 2023 13:42

Instrument :
MSVOA_D
ClientSampleId :

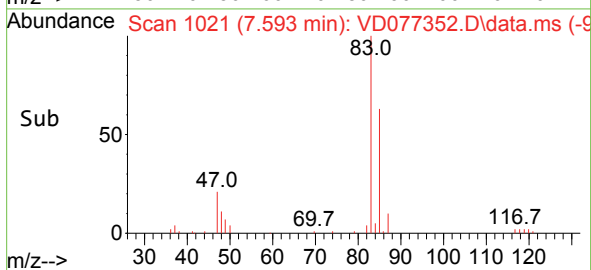
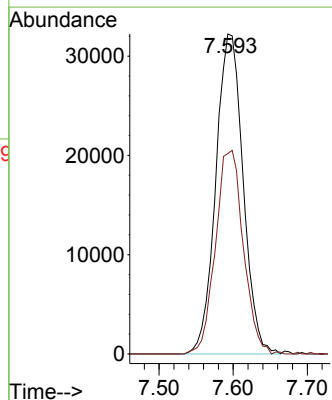
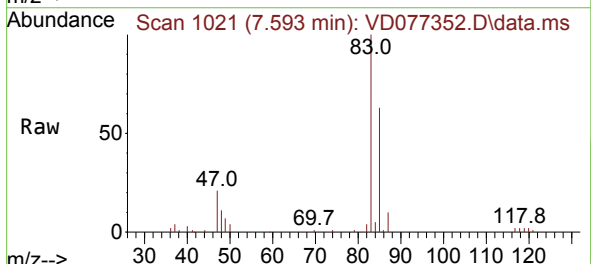


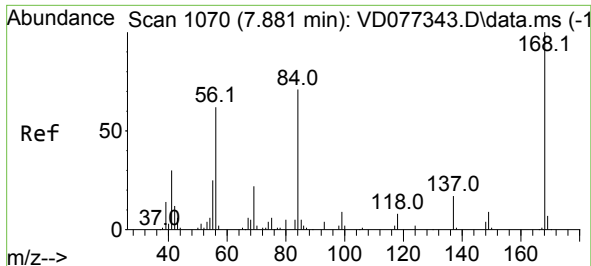
Tgt Ion: 42 Resp: 27203
Ion Ratio Lower Upper
42 100
72 54.8 46.5 69.7
71 52.2 44.5 66.7



#30
Chloroform
Concen: 23.499 ug/l
RT: 7.593 min Scan# 1021
Delta R.T. -0.000 min
Lab File: VD077352.D
Acq: 19 Oct 2023 13:42

Tgt Ion: 83 Resp: 82422
Ion Ratio Lower Upper
83 100
85 62.6 53.4 80.2





#31

Cyclohexane

Concen: 23.407 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.000 min

Lab File: VD077352.D

Acq: 19 Oct 2023 13:42

Instrument :

MSVOA_D

ClientSampleId :

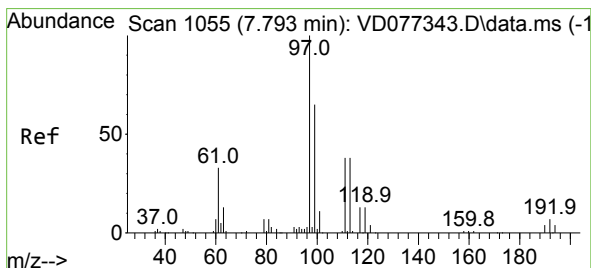
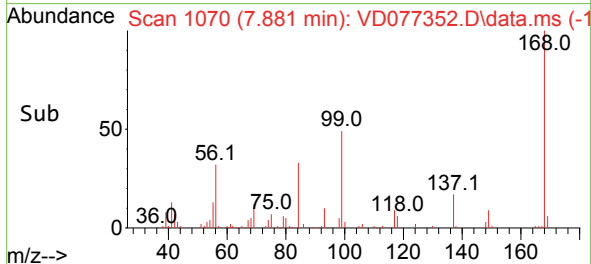
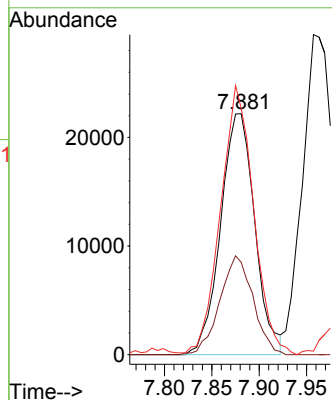
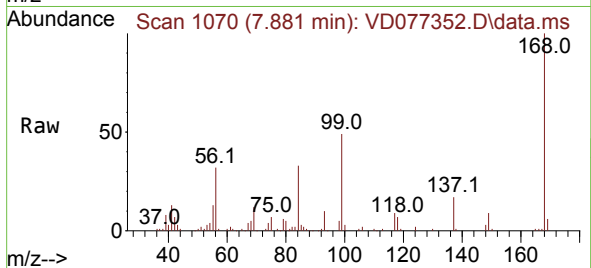
Tgt Ion: 56 Resp: 55754

Ion Ratio Lower Upper

56 100

69 38.4 28.6 43.0

84 101.6 84.8 127.2



#32

1,1,1-Trichloroethane

Concen: 22.505 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VD077352.D

Acq: 19 Oct 2023 13:42

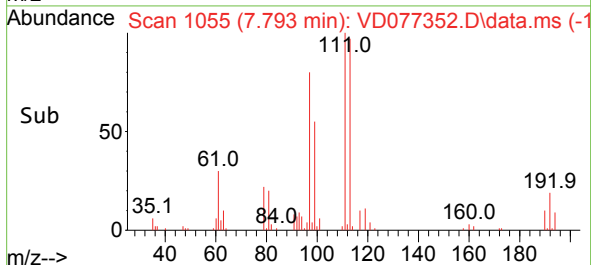
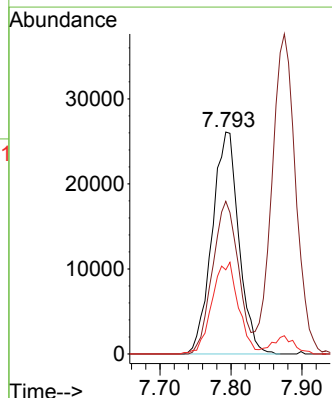
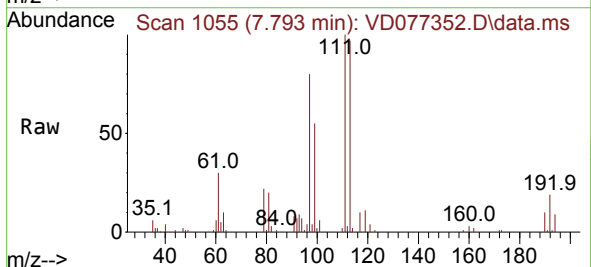
Tgt Ion: 97 Resp: 68099

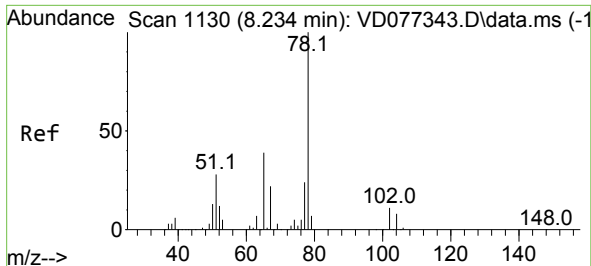
Ion Ratio Lower Upper

97 100

99 66.4 52.0 78.0

61 41.1 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 57.676 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD077352.D

Acq: 19 Oct 2023 13:42

Instrument :

MSVOA_D

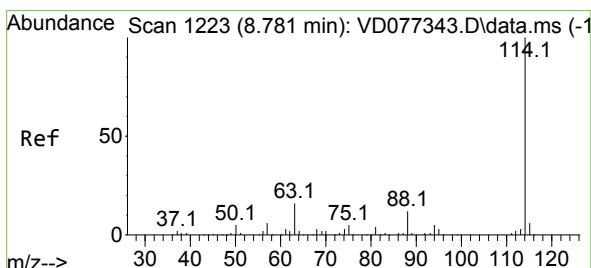
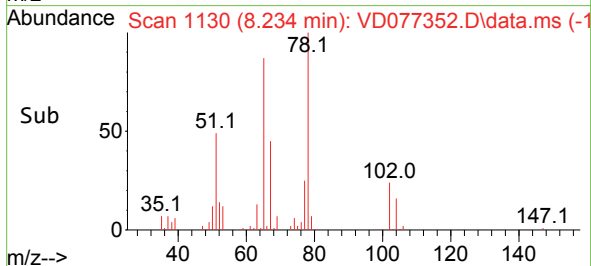
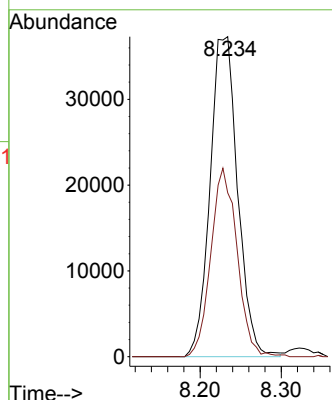
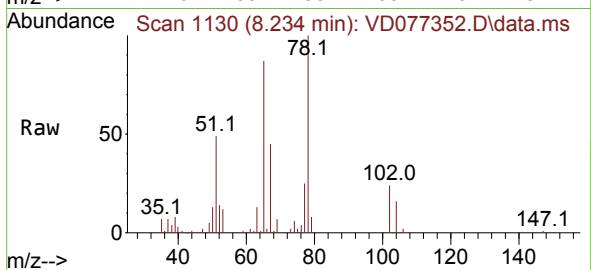
ClientSampleId :

Tgt Ion: 65 Resp: 88301

Ion Ratio Lower Upper

65 100

67 55.9 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.006 min

Lab File: VD077352.D

Acq: 19 Oct 2023 13:42

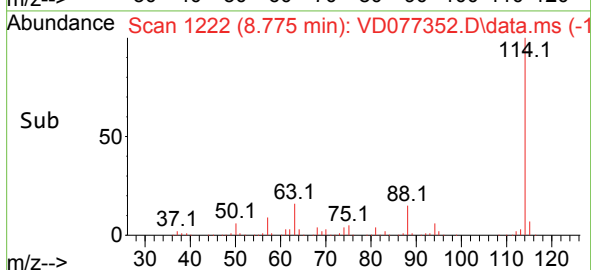
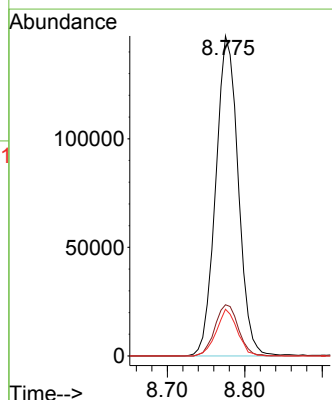
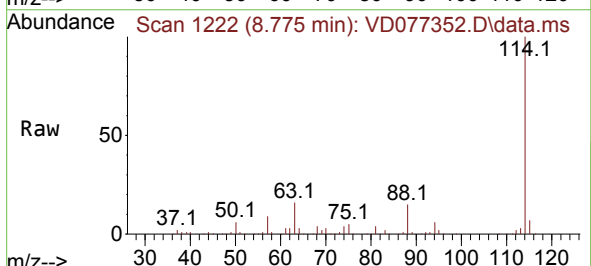
Tgt Ion: 114 Resp: 297564

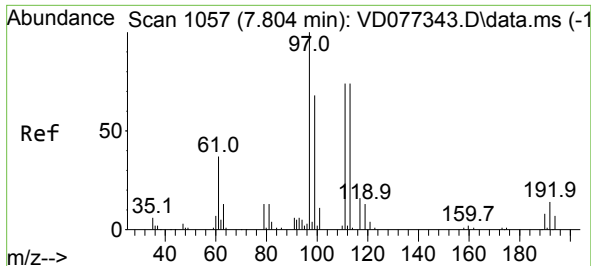
Ion Ratio Lower Upper

114 100

63 16.0 0.0 33.4

88 14.6 0.0 26.2





#35

Dibromofluoromethane

Concen: 48.910 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

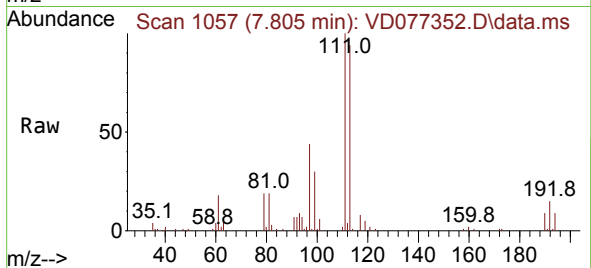
Lab File: VD077352.D

Acq: 19 Oct 2023 13:42

Instrument :

MSVOA_D

ClientSampleId :



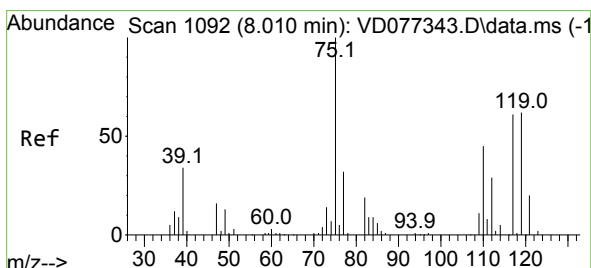
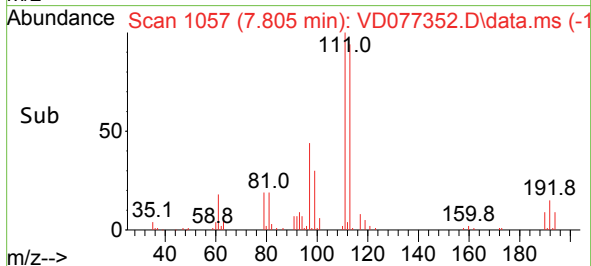
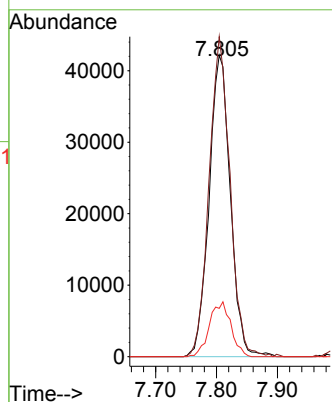
Tgt Ion:113 Resp: 102248

Ion Ratio Lower Upper

113 100

111 104.3 84.7 127.1

192 18.4 16.8 25.2



#36

1,1-Dichloropropene

Concen: 21.594 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VD077352.D

Acq: 19 Oct 2023 13:42

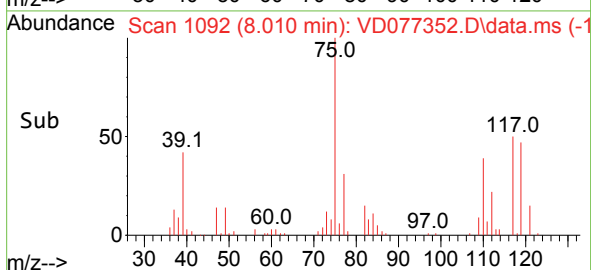
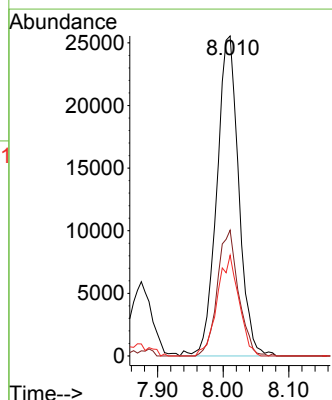
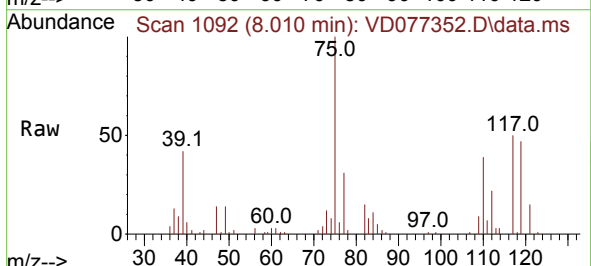
Tgt Ion: 75 Resp: 59316

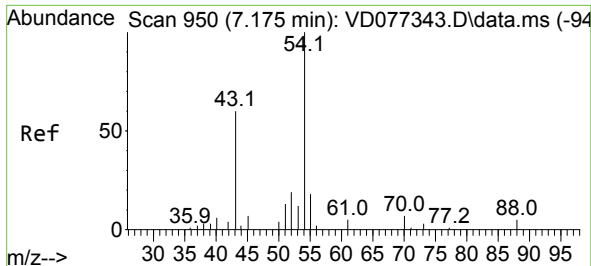
Ion Ratio Lower Upper

75 100

110 38.0 19.9 59.6

77 31.3 24.7 37.1





#37

Ethyl Acetate

Concen: 24.797 ug/l

RT: 7.163 min Scan# 94

Delta R.T. -0.012 min

Lab File: VD077352.D

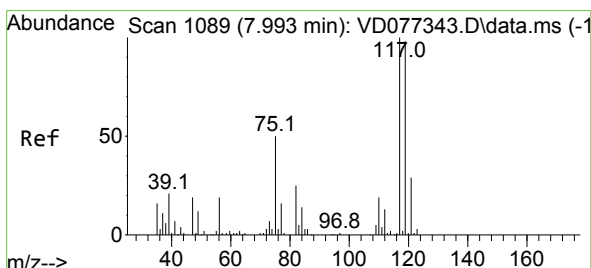
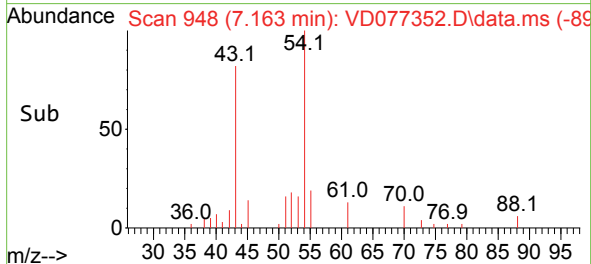
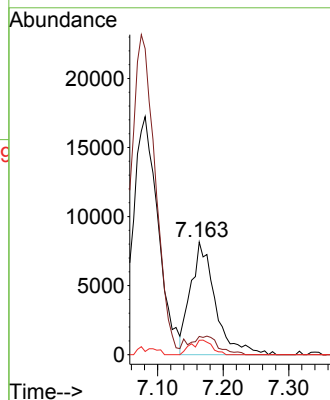
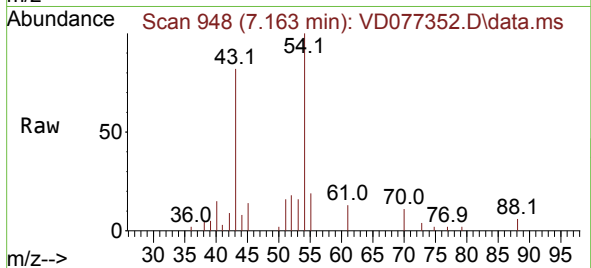
Acq: 19 Oct 2023 13:42

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 43	Resp: 21396
Ion Ratio	Lower Upper
43	100
61	19.6 14.9 22.3
70	11.0 10.0 15.0



#38

Carbon Tetrachloride

Concen: 20.233 ug/l

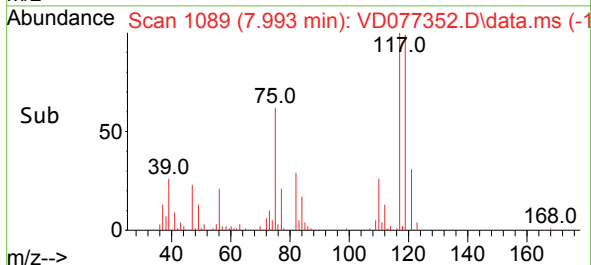
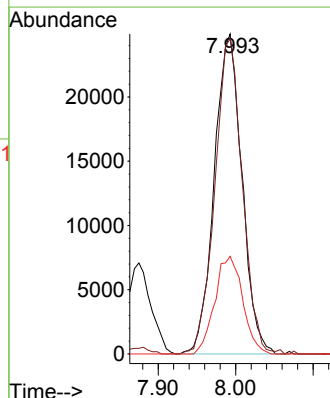
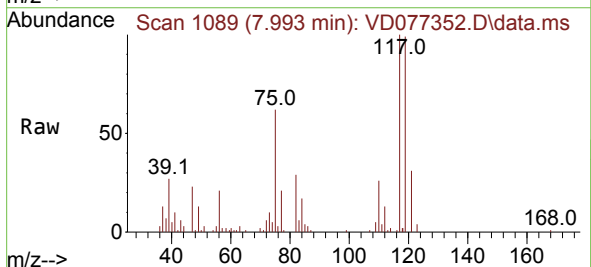
RT: 7.993 min Scan# 1089

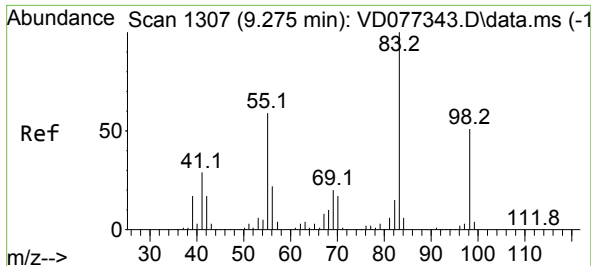
Delta R.T. -0.000 min

Lab File: VD077352.D

Acq: 19 Oct 2023 13:42

Tgt Ion: 117	Resp: 61827
Ion Ratio	Lower Upper
117	100
119	98.5 78.0 117.0
121	30.5 24.2 36.2





#39

Methylcyclohexane

Concen: 18.902 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

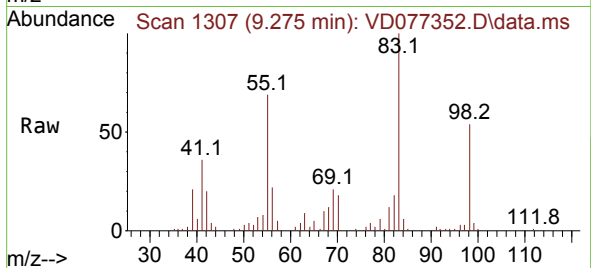
Lab File: VD077352.D

Acq: 19 Oct 2023 13:42

Instrument :

MSVOA_D

ClientSampleId :



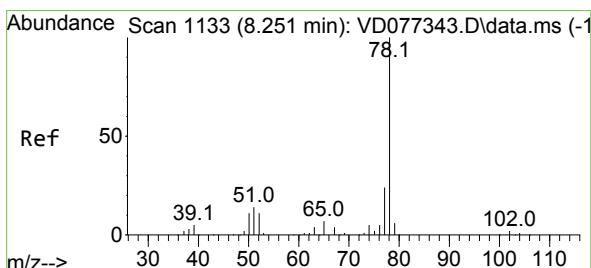
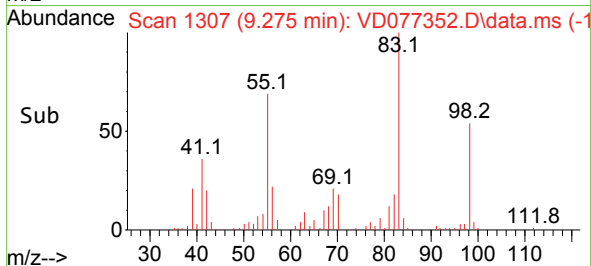
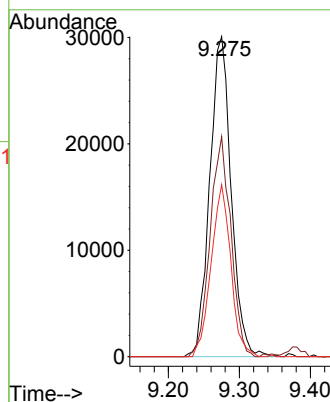
Tgt Ion: 83 Resp: 63088

Ion Ratio Lower Upper

83 100

55 68.8 49.4 74.0

98 53.8 38.4 57.6



#40

Benzene

Concen: 21.478 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.001 min

Lab File: VD077352.D

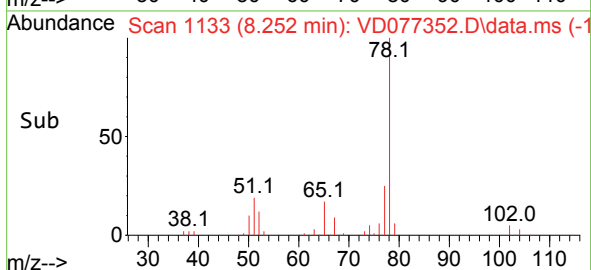
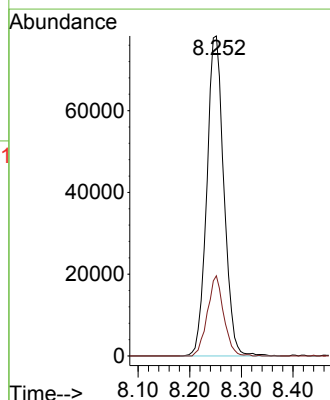
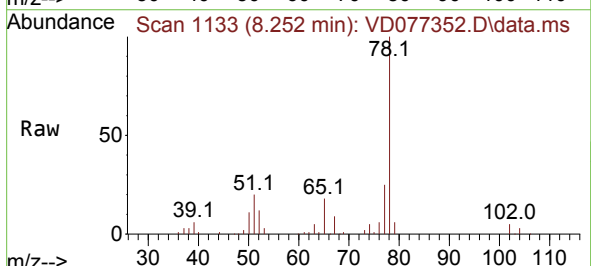
Acq: 19 Oct 2023 13:42

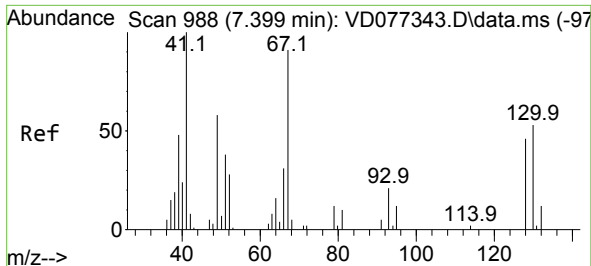
Tgt Ion: 78 Resp: 179043

Ion Ratio Lower Upper

78 100

77 25.0 19.4 29.0

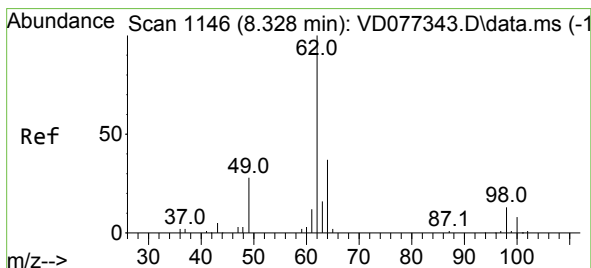
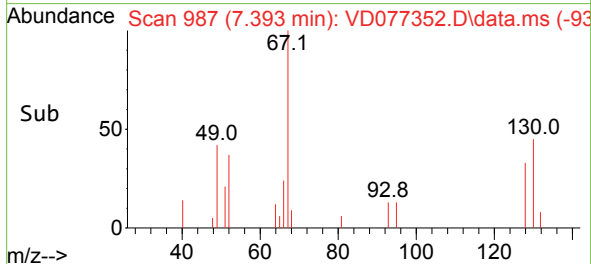
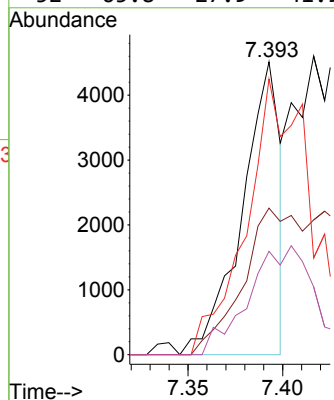
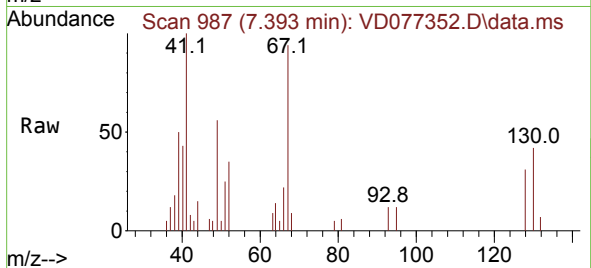




#41
Methacrylonitrile
Concen: 15.440 ug/l
RT: 7.393 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD077352.D
Acq: 19 Oct 2023 13:42

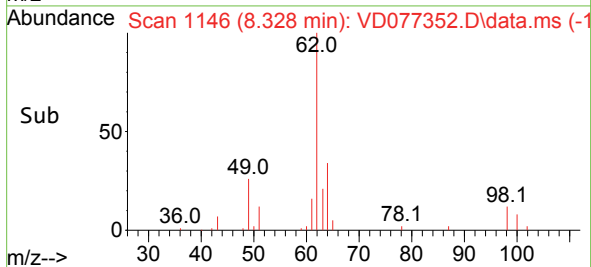
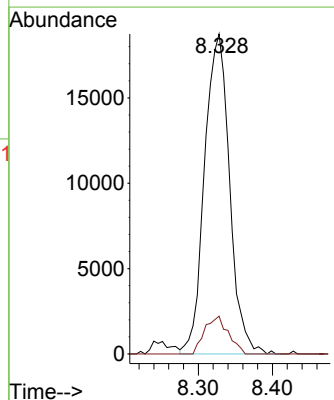
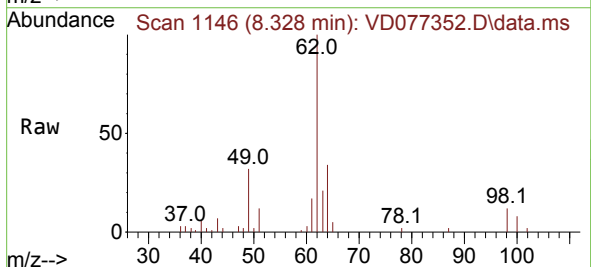
Instrument :
MSVOA_D
ClientSampleId :

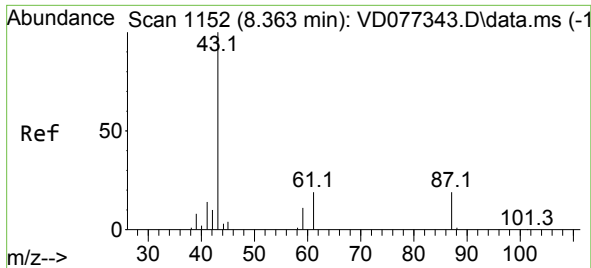
Tgt Ion: 41 Resp: 6358
Ion Ratio Lower Upper
41 100
39 75.1 34.0 51.0#
67 156.8 77.0 115.4#
52 65.8 27.9 41.9#



#42
1,2-Dichloroethane
Concen: 22.411 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD077352.D
Acq: 19 Oct 2023 13:42

Tgt Ion: 62 Resp: 44004
Ion Ratio Lower Upper
62 100
98 11.1 0.0 25.4

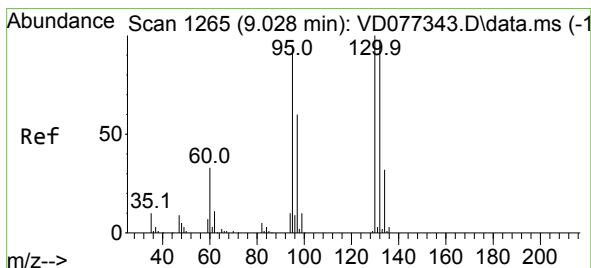
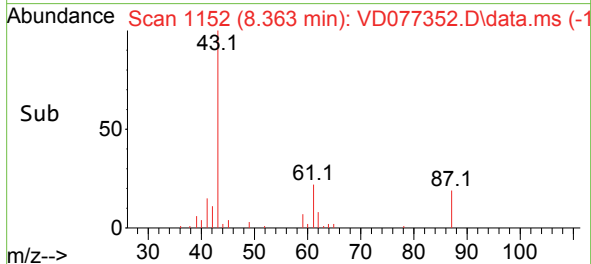
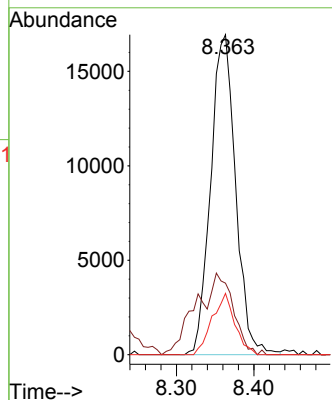
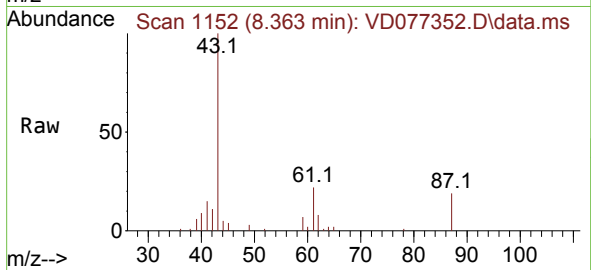




#43
Isopropyl Acetate
Concen: 24.439 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD077352.D
Acq: 19 Oct 2023 13:42

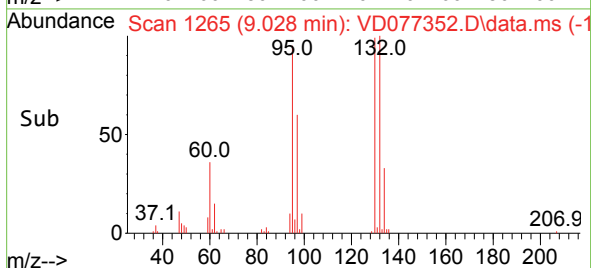
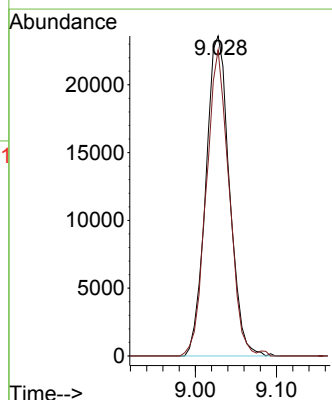
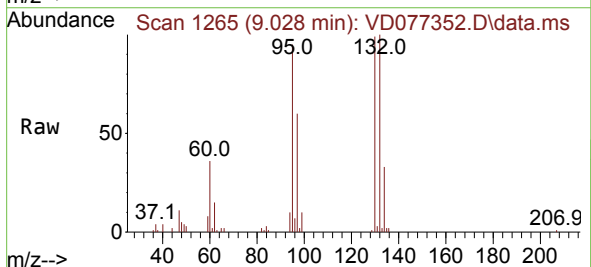
Instrument :
MSVOA_D
ClientSampleId :

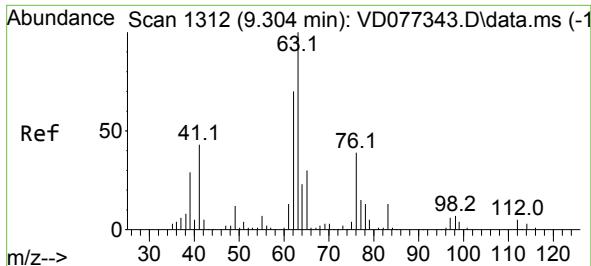
Tgt Ion: 43 Resp: 37962
Ion Ratio Lower Upper
43 100
61 22.3 31.4 47.0#
87 17.4 14.9 22.3



#44
Trichloroethene
Concen: 19.566 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD077352.D
Acq: 19 Oct 2023 13:42

Tgt Ion:130 Resp: 47685
Ion Ratio Lower Upper
130 100
95 95.6 0.0 179.2

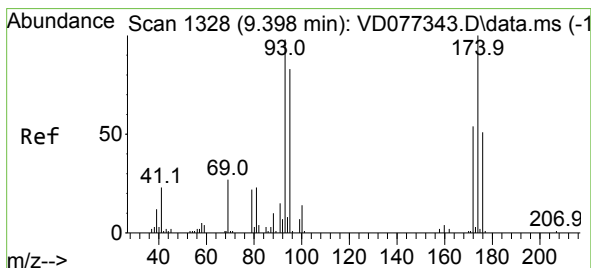
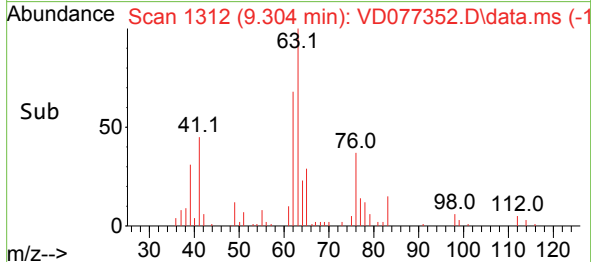
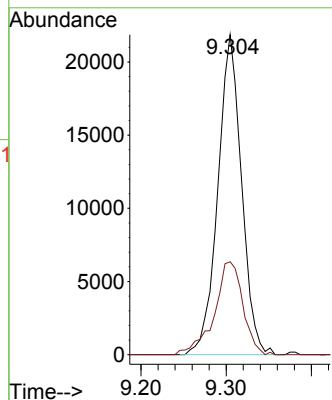
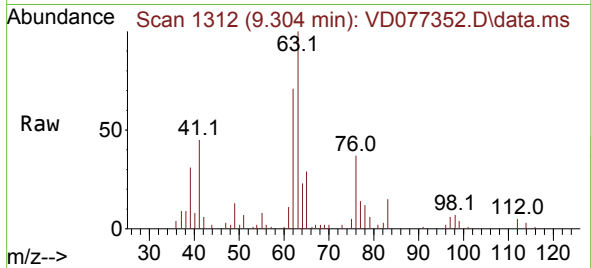




#45
1,2-Dichloropropane
Concen: 21.986 ug/l
RT: 9.304 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077352.D
Acq: 19 Oct 2023 13:42

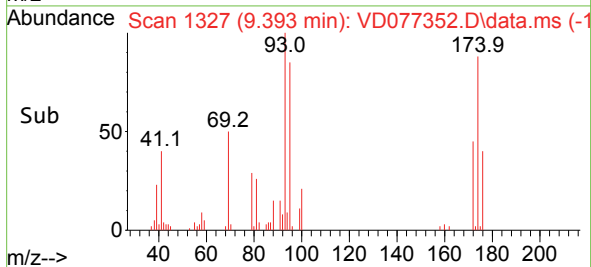
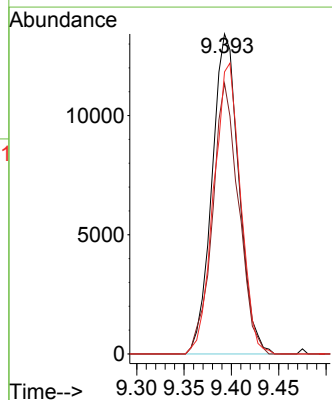
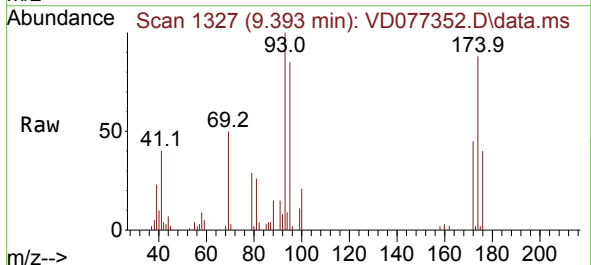
Instrument :
MSVOA_D
ClientSampleId :

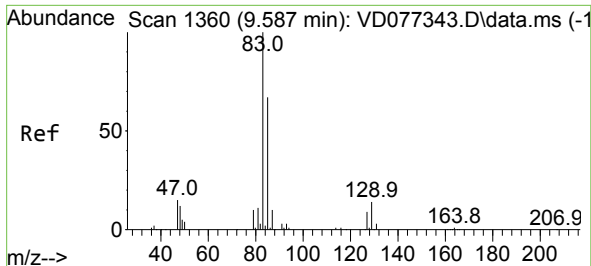
Tgt Ion: 63 Resp: 42247
Ion Ratio Lower Upper
63 100
65 29.1 24.5 36.7



#46
Dibromomethane
Concen: 22.191 ug/l
RT: 9.393 min Scan# 1327
Delta R.T. -0.005 min
Lab File: VD077352.D
Acq: 19 Oct 2023 13:42

Tgt Ion: 93 Resp: 26659
Ion Ratio Lower Upper
93 100
95 81.9 67.7 101.5
174 89.7 85.4 128.2

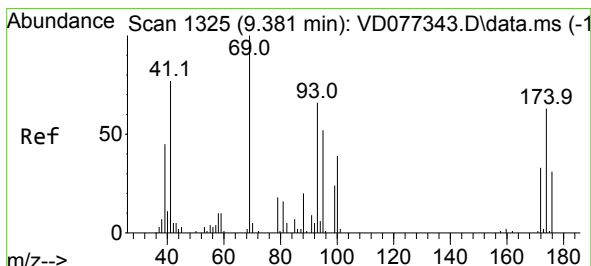
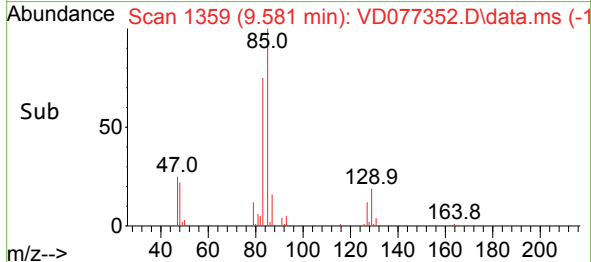
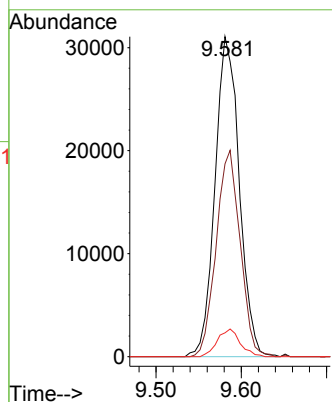
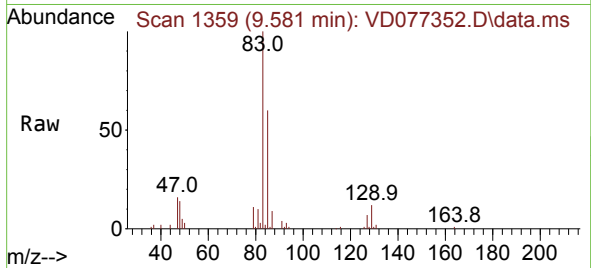




#47
Bromodichloromethane
Concen: 21.430 ug/l
RT: 9.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD077352.D
Acq: 19 Oct 2023 13:42

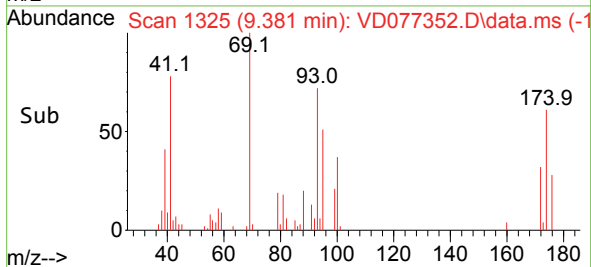
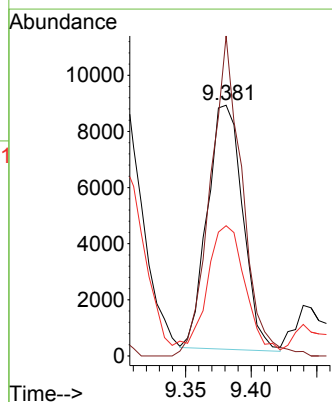
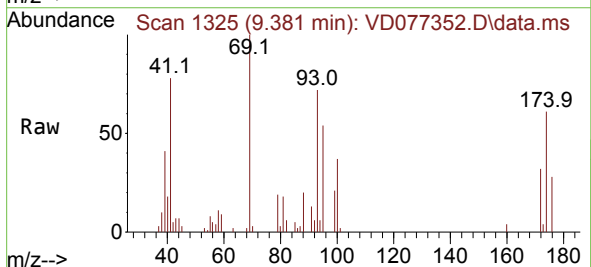
Instrument :
MSVOA_D
ClientSampleId :

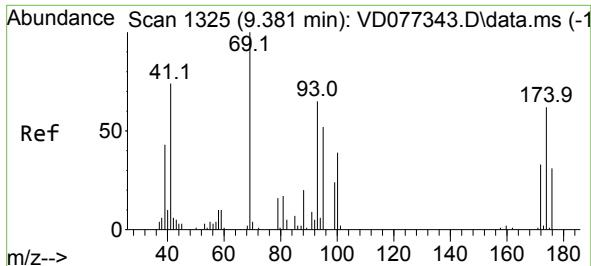
Tgt Ion: 83 Resp: 61388
Ion Ratio Lower Upper
83 100
85 60.2 50.2 75.4
127 7.4 6.3 9.5



#48
Methyl methacrylate
Concen: 23.274 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD077352.D
Acq: 19 Oct 2023 13:42

Tgt Ion: 41 Resp: 16355
Ion Ratio Lower Upper
41 100
69 117.5 102.2 153.2
39 53.8 41.4 62.2





#49

1,4-Dioxane

Concen: 439.479 ug/l

RT: 9.381 min Scan# 1

Delta R.T. -0.000 min

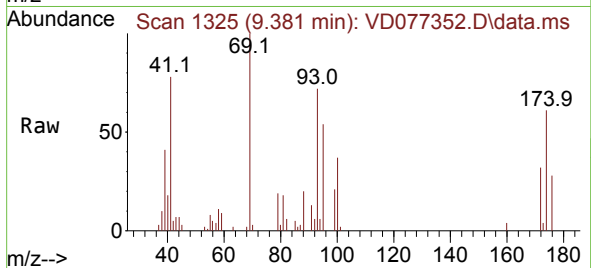
Lab File: VD077352.D

Acq: 19 Oct 2023 13:42

Instrument :

MSVOA_D

ClientSampleId :



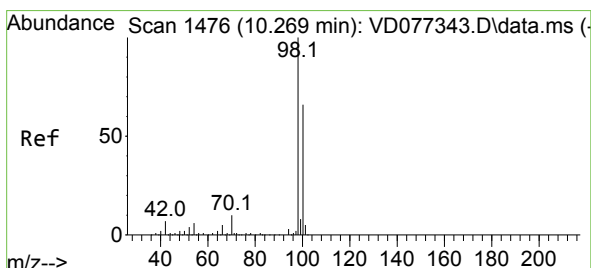
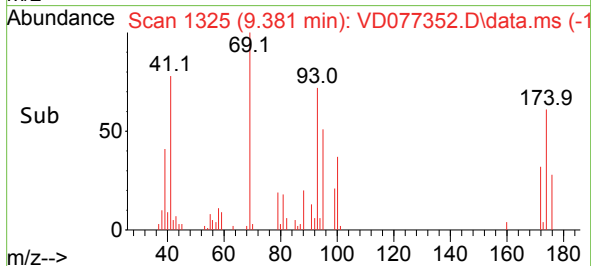
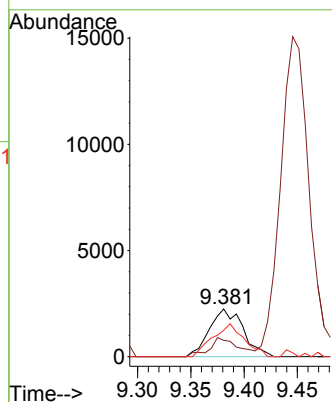
Tgt Ion: 88 Resp: 4933

Ion Ratio Lower Upper

88 100

43 34.4 19.0 28.6#

58 64.4 43.5 65.3



#50

Toluene-d8

Concen: 51.202 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD077352.D

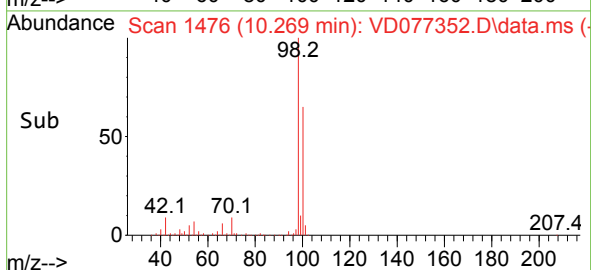
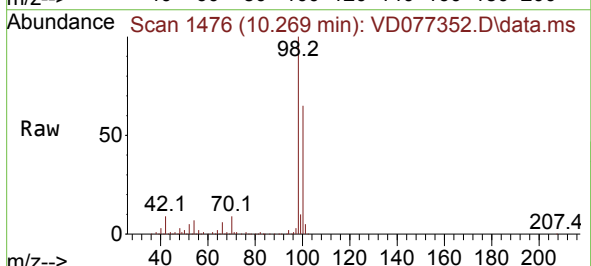
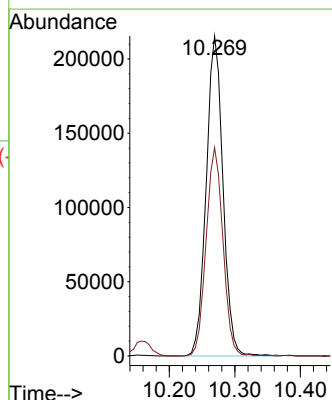
Acq: 19 Oct 2023 13:42

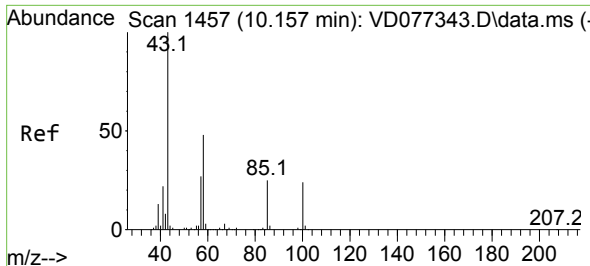
Tgt Ion: 98 Resp: 383342

Ion Ratio Lower Upper

98 100

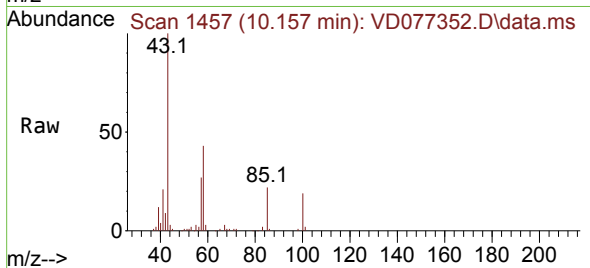
100 65.5 50.3 75.5



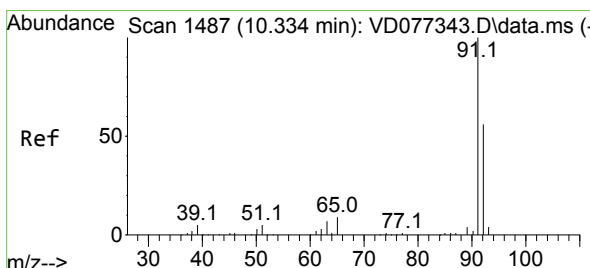
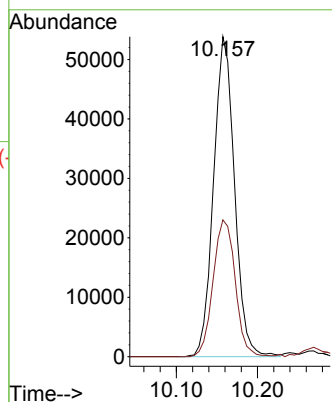
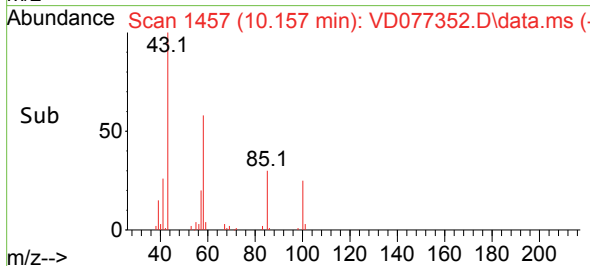


#51
4-Methyl-2-Pentanone
Concen: 124.021 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077352.D
Acq: 19 Oct 2023 13:42

Instrument :
MSVOA_D
ClientSampleId :

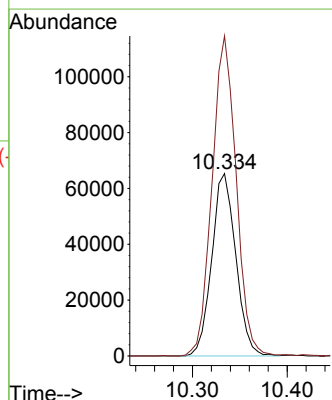
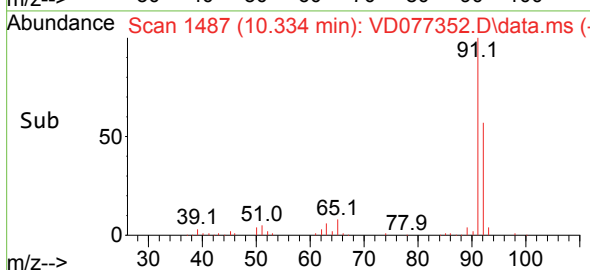
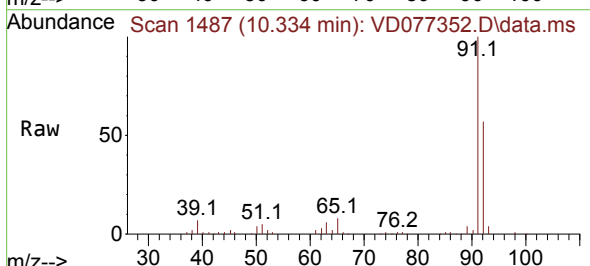


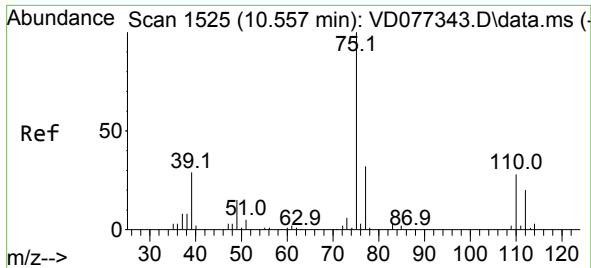
Tgt Ion: 43 Resp: 96571
Ion Ratio Lower Upper
43 100
58 45.2 38.9 58.3



#52
Toluene
Concen: 21.142 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD077352.D
Acq: 19 Oct 2023 13:42

Tgt Ion: 92 Resp: 115072
Ion Ratio Lower Upper
92 100
91 176.1 143.0 214.4

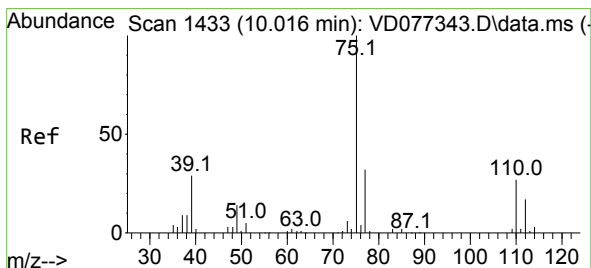
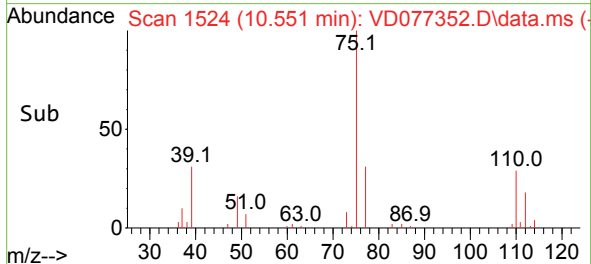
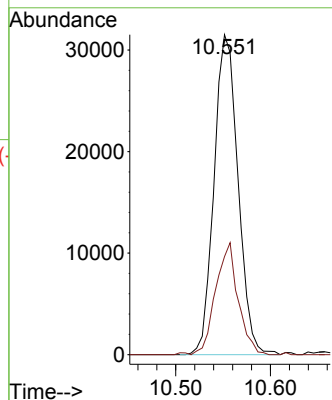
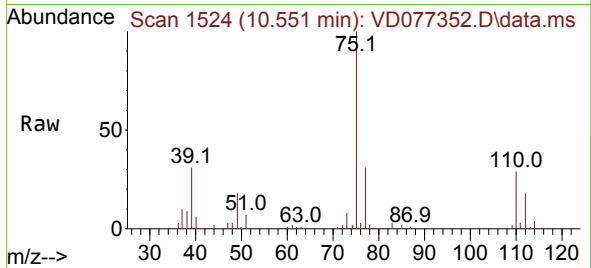




#53
 t-1,3-Dichloropropene
 Concen: 21.548 ug/l
 RT: 10.551 min Scan# 1524
 Delta R.T. -0.006 min
 Lab File: VD077352.D
 Acq: 19 Oct 2023 13:42

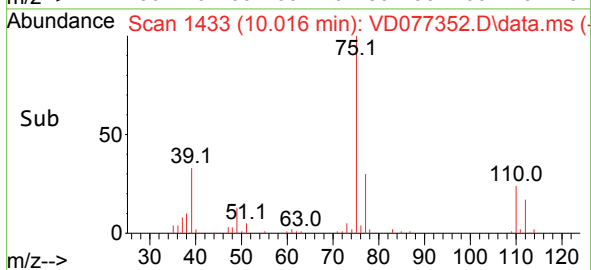
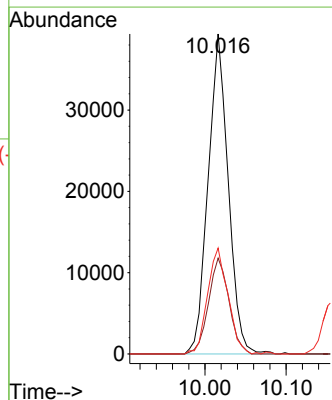
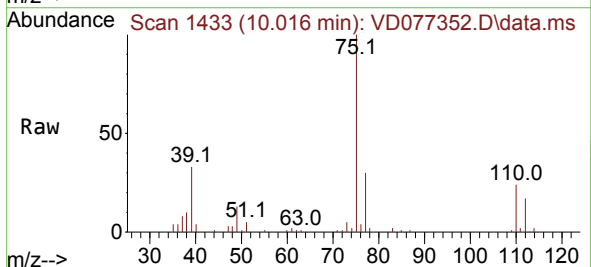
Instrument :
 MSVOA_D
 ClientSampleId :

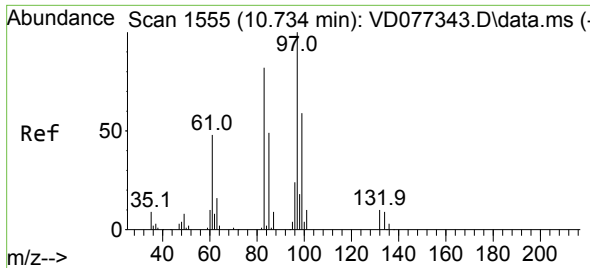
Tgt Ion: 75 Resp: 55407
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 21.552 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD077352.D
 Acq: 19 Oct 2023 13:42

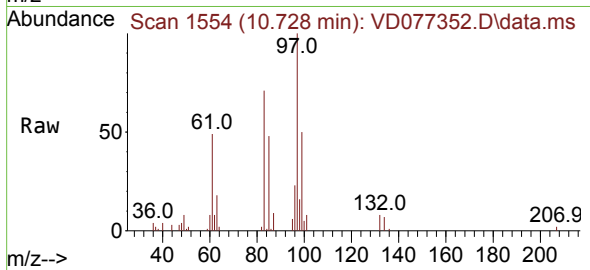
Tgt Ion: 75 Resp: 67802
 Ion Ratio Lower Upper
 75 100
 77 29.9 25.5 38.3
 39 33.1 22.1 33.1



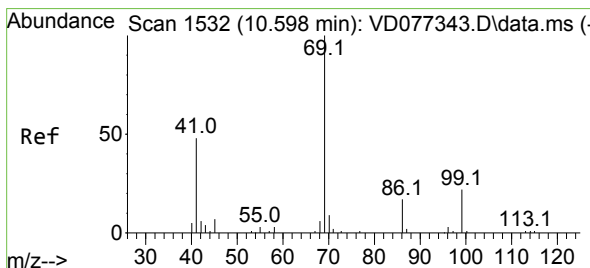
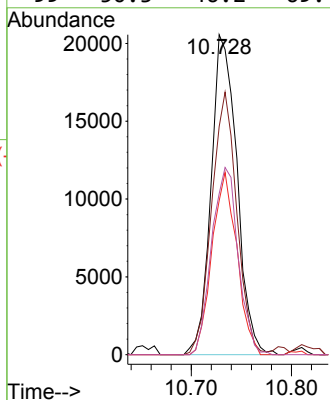
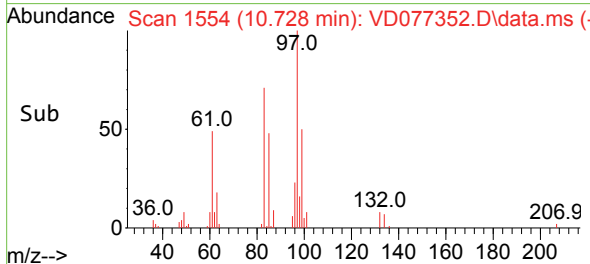


#55
1,1,2-Trichloroethane
Concen: 22.086 ug/l
RT: 10.728 min Scan# 1554
Delta R.T. -0.006 min
Lab File: VD077352.D
Acq: 19 Oct 2023 13:42

Instrument :
MSVOA_D
ClientSampleId :

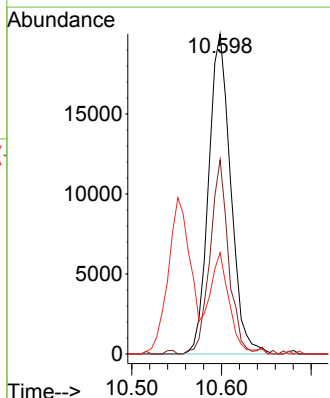
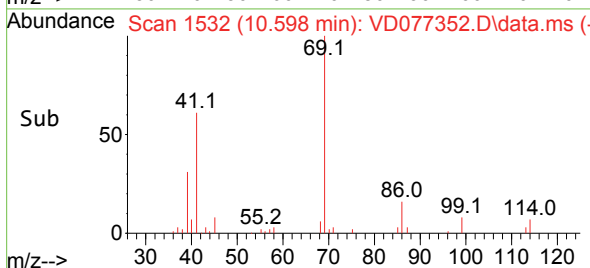
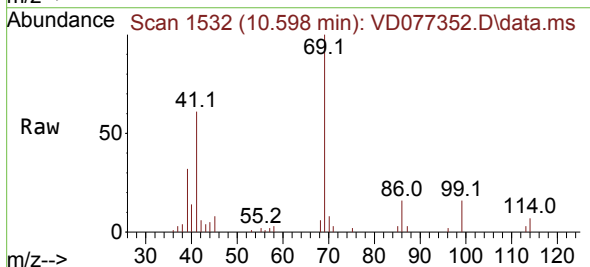


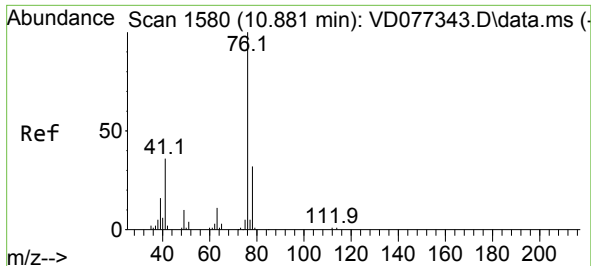
Tgt Ion: 97	Resp: 36748
Ion Ratio	Lower Upper
97 100	
83 71.2	65.8 98.6
85 48.1	45.7 68.5
99 50.3	46.2 69.4



#56
Ethyl methacrylate
Concen: 21.488 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD077352.D
Acq: 19 Oct 2023 13:42

Tgt Ion: 69	Resp: 34169
Ion Ratio	Lower Upper
69 100	
41 51.3	39.1 58.7
39 29.0	20.0 30.0





#57

1,3-Dichloropropane

Concen: 21.597 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD077352.D

Acq: 19 Oct 2023 13:42

Instrument :

MSVOA_D

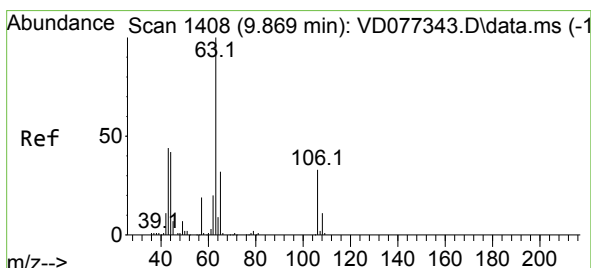
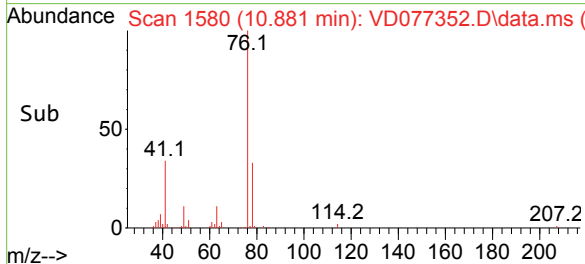
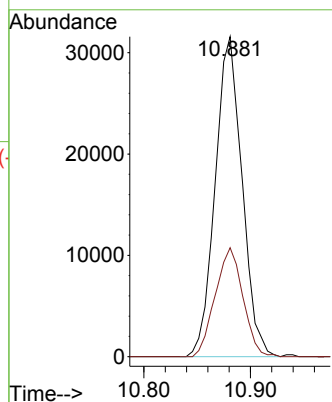
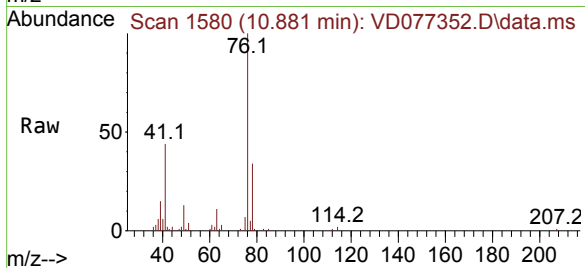
ClientSampleId :

Tgt Ion: 76 Resp: 55201

Ion Ratio Lower Upper

76 100

78 35.1 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 125.542 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD077352.D

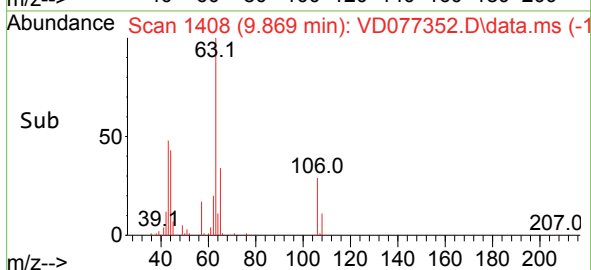
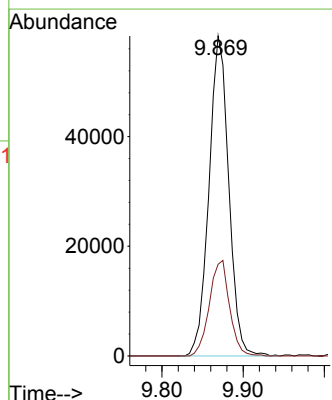
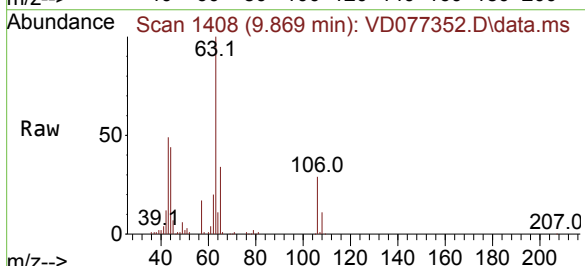
Acq: 19 Oct 2023 13:42

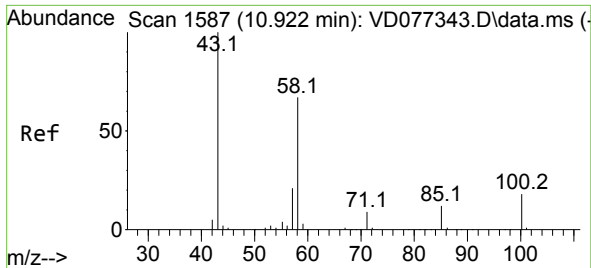
Tgt Ion: 63 Resp: 98723

Ion Ratio Lower Upper

63 100

106 30.5 25.3 37.9

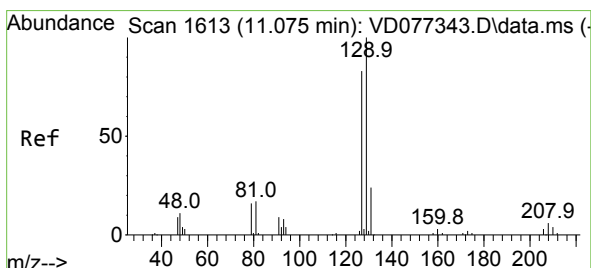
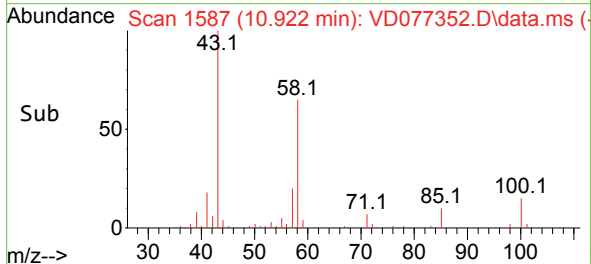
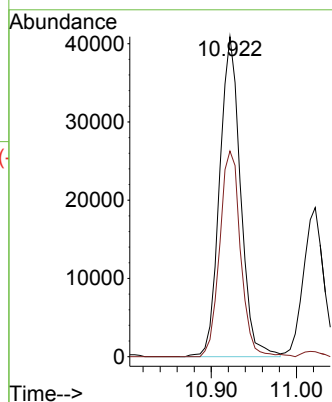
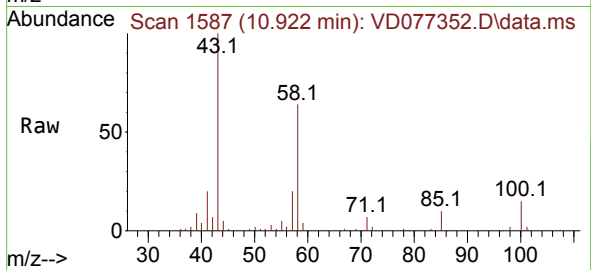




#59
2-Hexanone
Concen: 124.926 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD077352.D
Acq: 19 Oct 2023 13:42

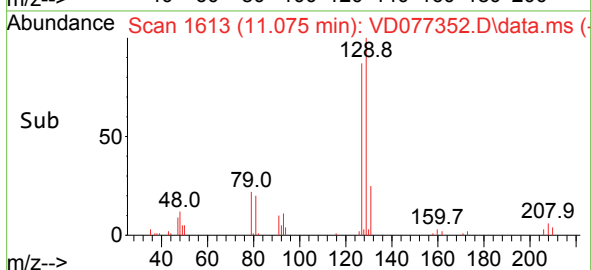
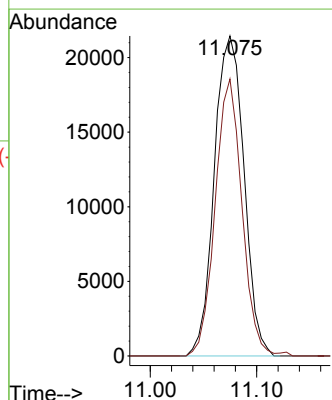
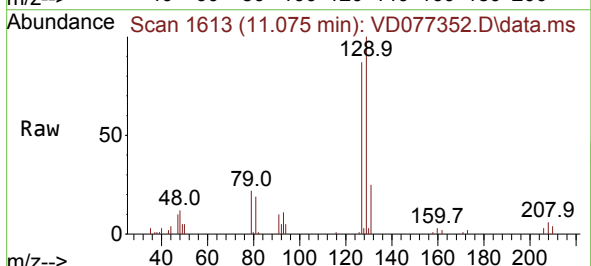
Instrument :
MSVOA_D
ClientSampleId :

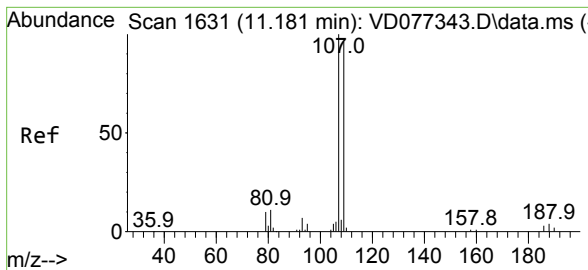
Tgt Ion: 43 Resp: 69865
Ion Ratio Lower Upper
43 100
58 64.1 34.1 102.2



#60
Dibromochloromethane
Concen: 19.542 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD077352.D
Acq: 19 Oct 2023 13:42

Tgt Ion: 129 Resp: 41519
Ion Ratio Lower Upper
129 100
127 78.2 37.1 111.5

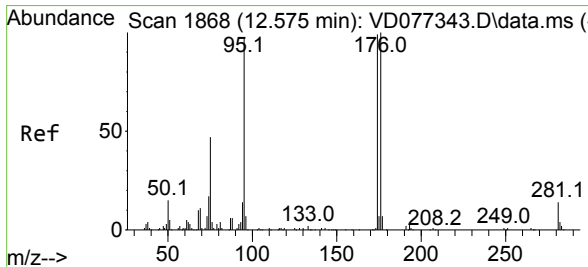
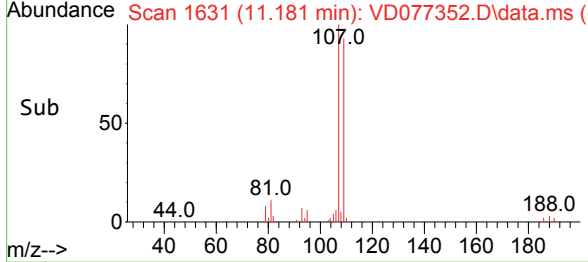
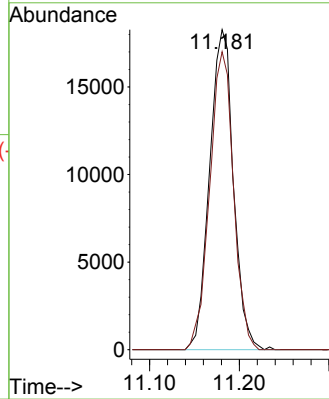
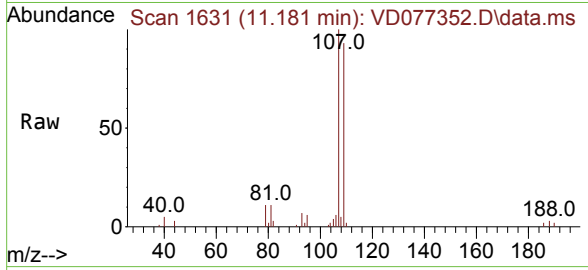




#61
1,2-Dibromoethane
Concen: 21.498 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD077352.D
Acq: 19 Oct 2023 13:42

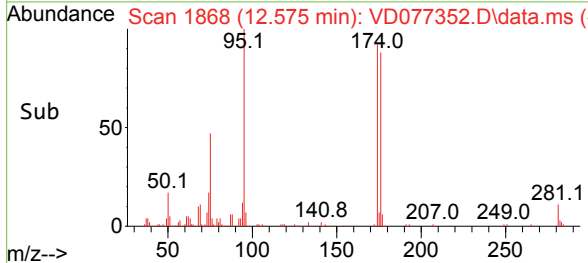
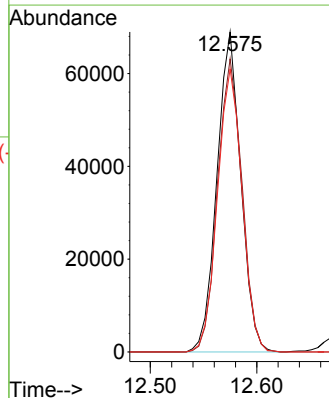
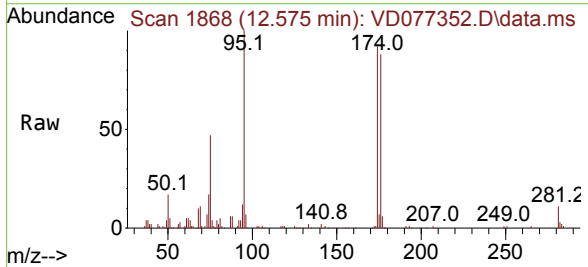
Instrument :
MSVOA_D
ClientSampleId :

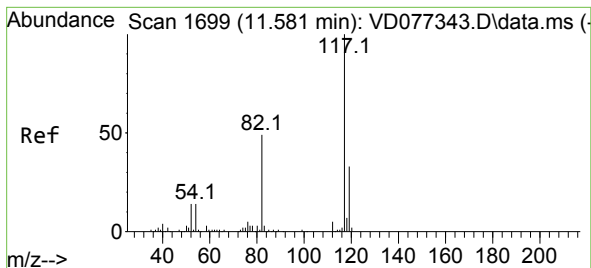
Tgt Ion:107 Resp: 33707
Ion Ratio Lower Upper
107 100
109 93.0 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 49.780 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077352.D
Acq: 19 Oct 2023 13:42

Tgt Ion: 95 Resp: 107282
Ion Ratio Lower Upper
95 100
174 93.8 0.0 201.8
176 91.0 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.000 min

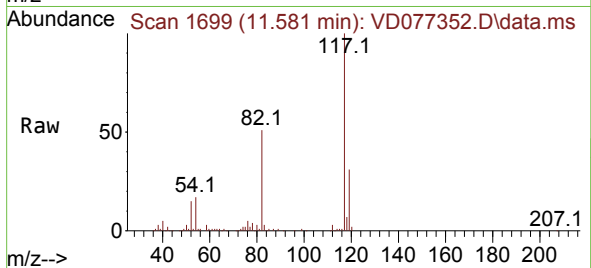
Lab File: VD077352.D

Acq: 19 Oct 2023 13:42

Instrument :

MSVOA_D

ClientSampleId :



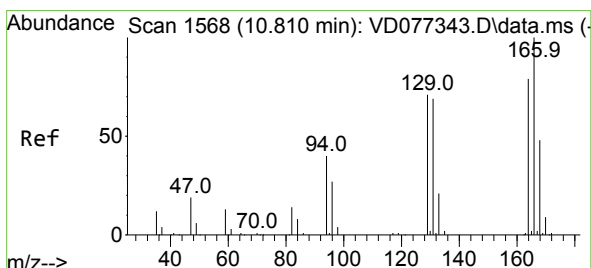
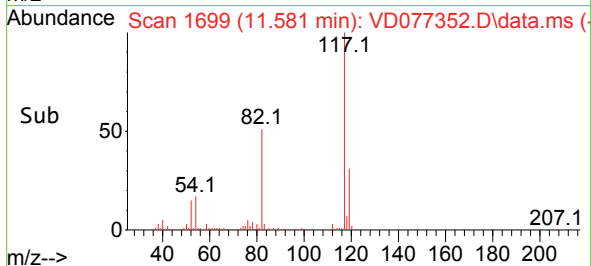
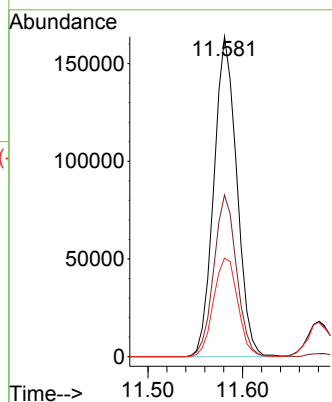
Tgt Ion:117 Resp: 275698

Ion Ratio Lower Upper

117 100

82 50.6 38.3 57.5

119 30.8 25.0 37.4



#64

Tetrachloroethene

Concen: 18.204 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD077352.D

Acq: 19 Oct 2023 13:42

Tgt Ion:164 Resp: 37304

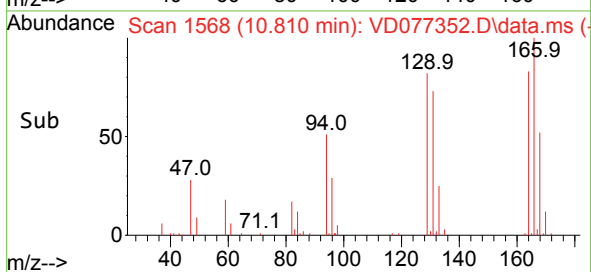
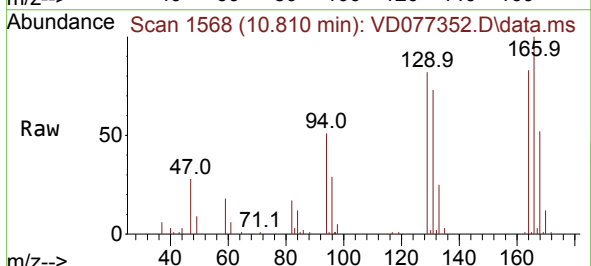
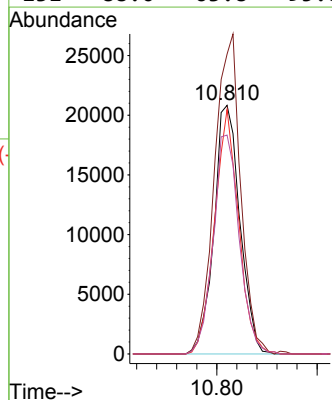
Ion Ratio Lower Upper

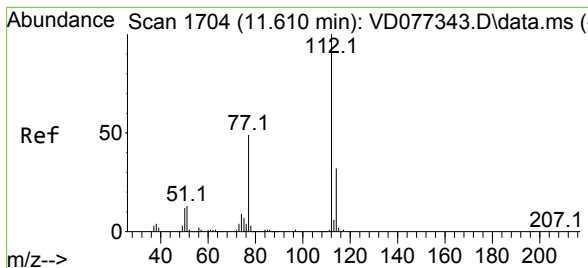
164 100

166 120.6 99.2 148.8

129 98.3 68.4 102.6

131 88.0 63.8 95.8

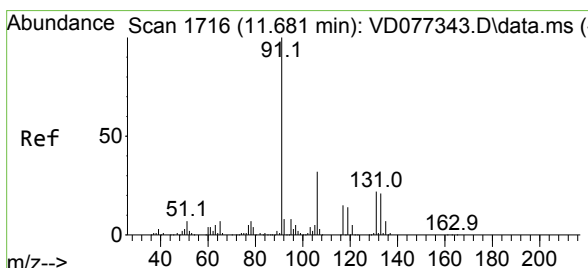
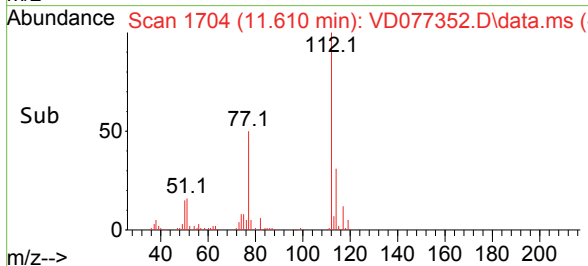
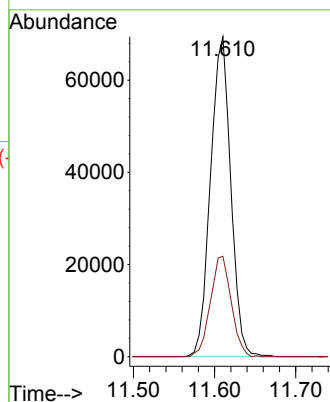
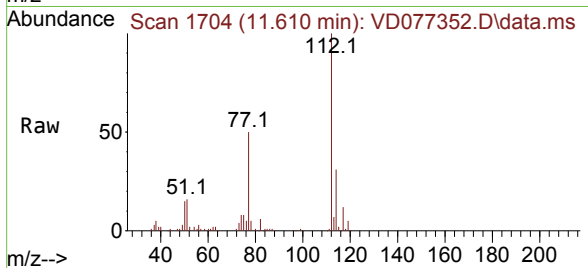




#65
Chlorobenzene
Concen: 20.028 ug/l
RT: 11.610 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077352.D
Acq: 19 Oct 2023 13:42

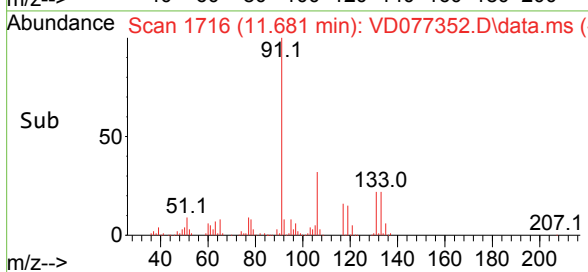
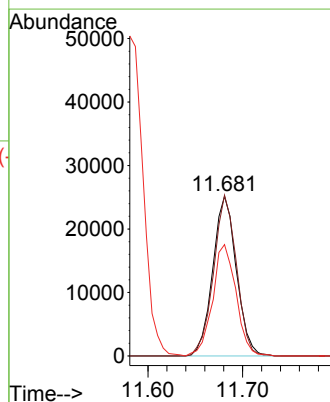
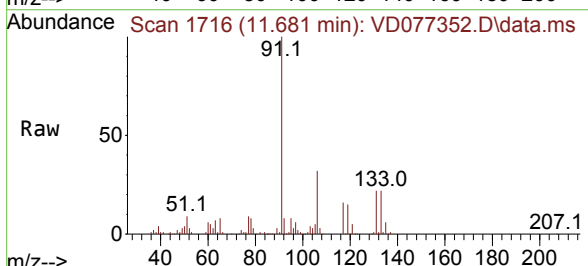
Instrument :
MSVOA_D
ClientSampleId :

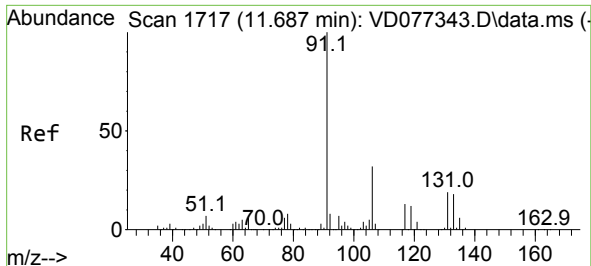
Tgt Ion:112 Resp: 120355
Ion Ratio Lower Upper
112 100
114 31.4 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 19.118 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD077352.D
Acq: 19 Oct 2023 13:42

Tgt Ion:131 Resp: 43671
Ion Ratio Lower Upper
131 100
133 97.7 48.5 145.5
119 69.2 35.6 106.9





#67

Ethyl Benzene

Concen: 19.861 ug/l

RT: 11.687 min Scan# 1717

Delta R.T. -0.000 min

Lab File: VD077352.D

Acq: 19 Oct 2023 13:42

Instrument :

MSVOA_D

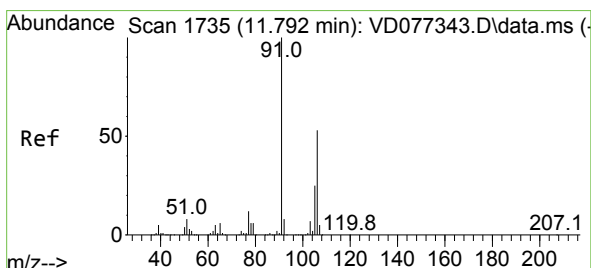
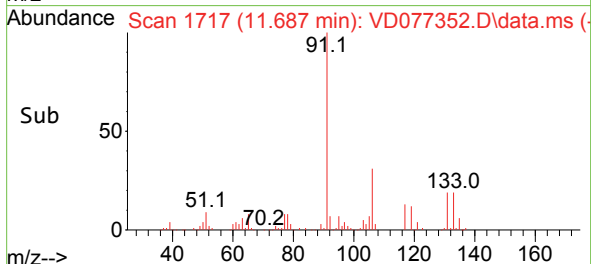
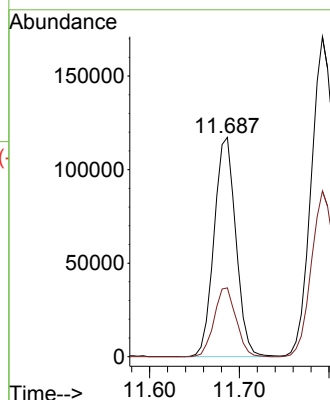
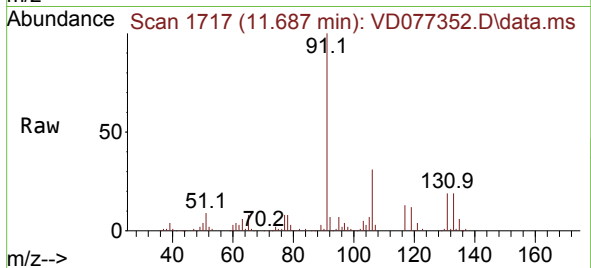
ClientSampleId :

Tgt Ion: 91 Resp: 197844

Ion Ratio Lower Upper

91 100

106 31.4 26.5 39.7



#68

m/p-Xylenes

Concen: 40.010 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. 0.001 min

Lab File: VD077352.D

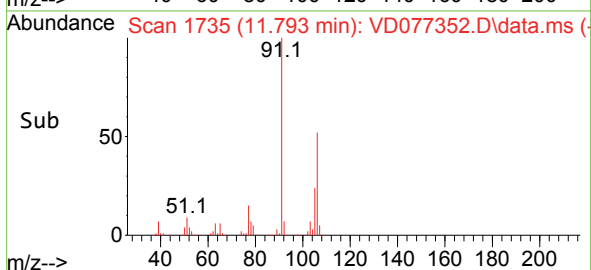
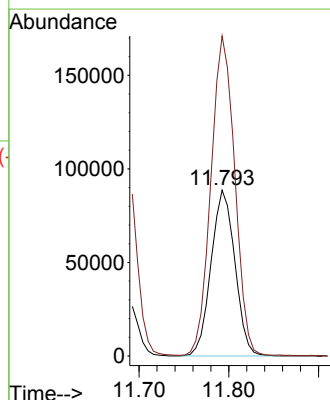
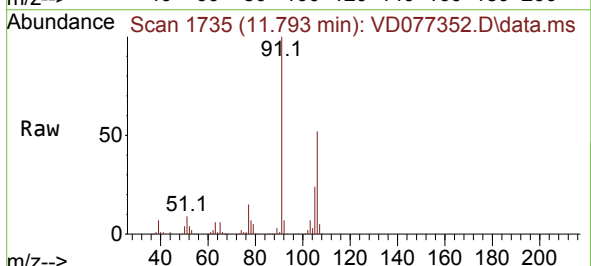
Acq: 19 Oct 2023 13:42

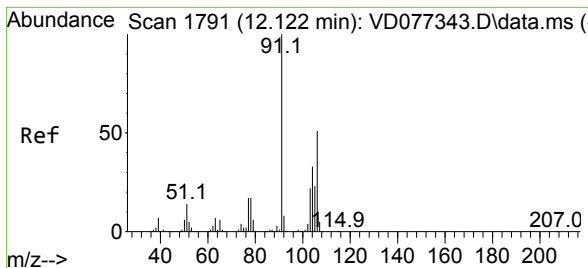
Tgt Ion:106 Resp: 163669

Ion Ratio Lower Upper

106 100

91 192.4 147.0 220.6

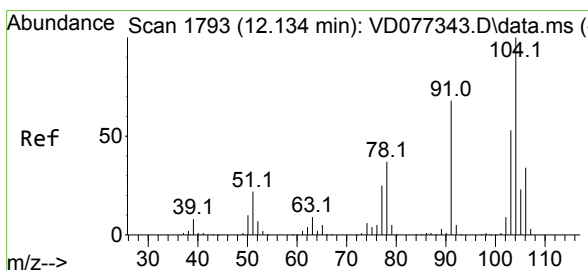
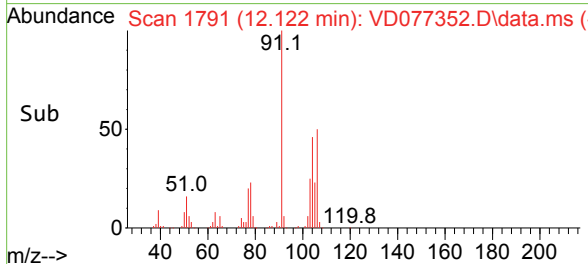
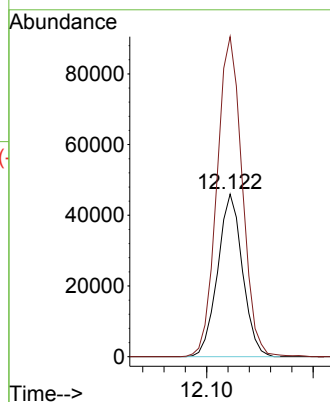
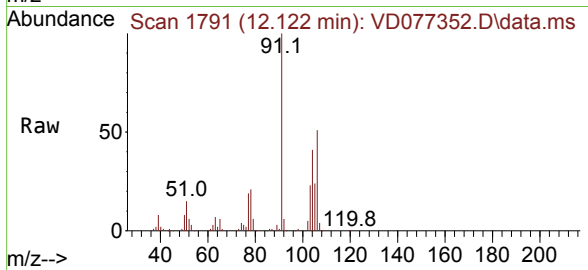




#69
o-Xylene
Concen: 19.722 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD077352.D
Acq: 19 Oct 2023 13:42

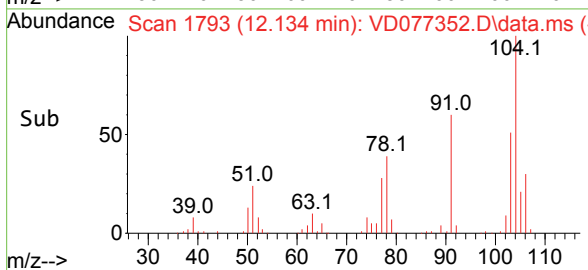
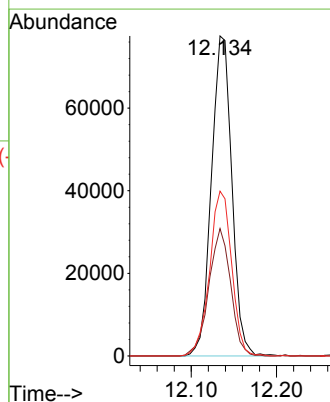
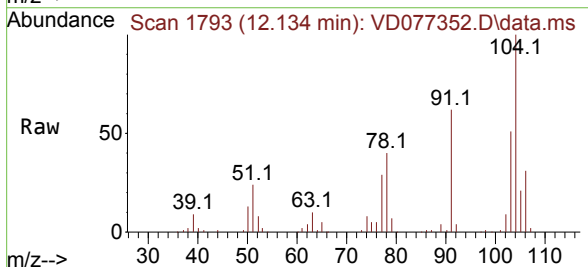
Instrument :
MSVOA_D
ClientSampleId :

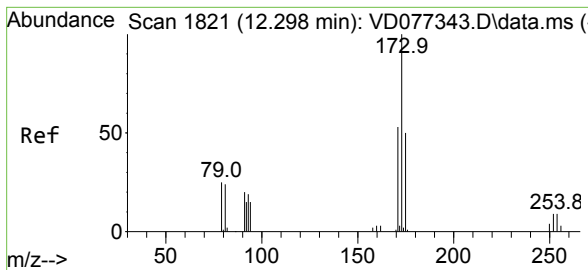
Tgt Ion:106 Resp: 74268
Ion Ratio Lower Upper
106 100
91 201.4 97.9 293.6



#70
Styrene
Concen: 20.088 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD077352.D
Acq: 19 Oct 2023 13:42

Tgt Ion:104 Resp: 129063
Ion Ratio Lower Upper
104 100
78 42.5 33.2 49.8
103 55.5 43.6 65.4

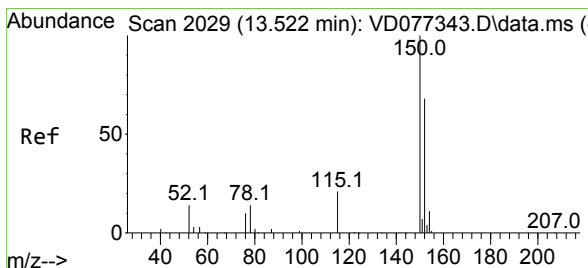
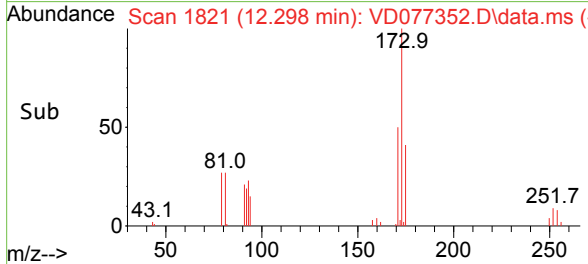
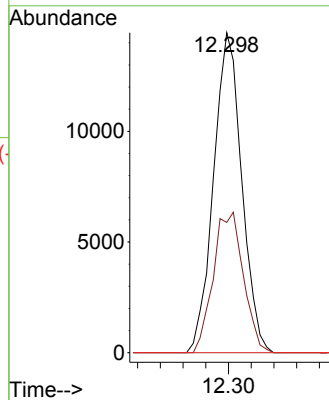
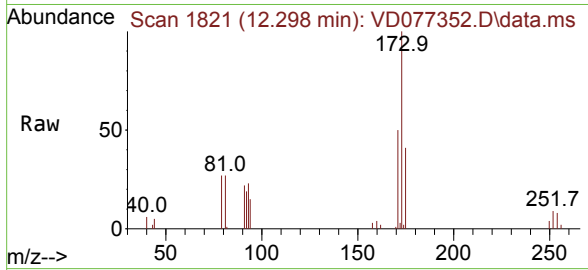




#71
Bromoform
Concen: 19.894 ug/l
RT: 12.298 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077352.D
Acq: 19 Oct 2023 13:42

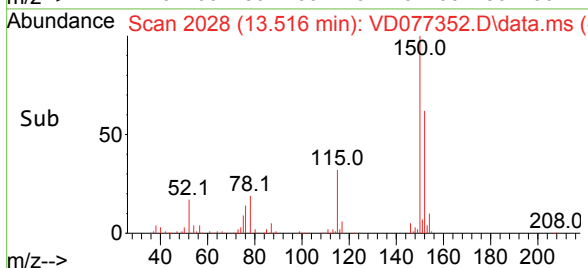
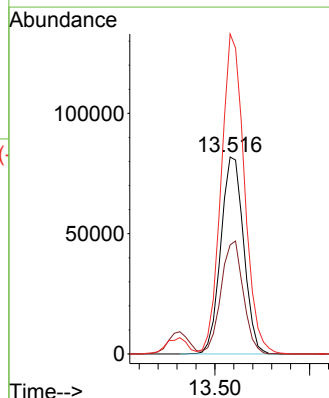
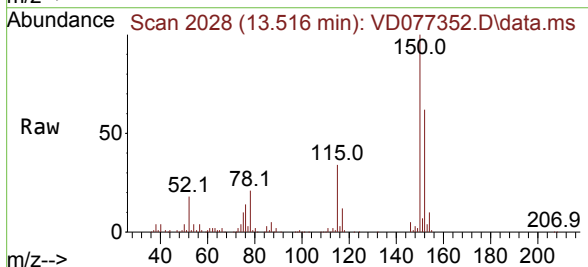
Instrument :
MSVOA_D
ClientSampleId :

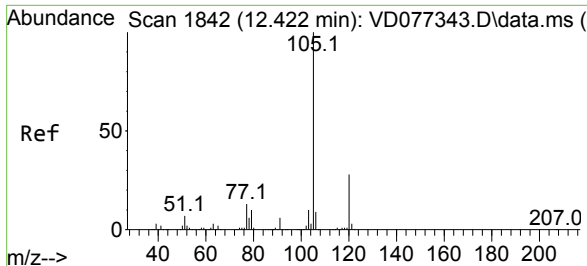
Tgt Ion	Ratio	Lower	Upper
173	100		
175	46.8	24.6	73.8
254	0.0	0.0	0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD077352.D
Acq: 19 Oct 2023 13:42

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.9	27.1	81.3
150	165.6	0.0	353.6

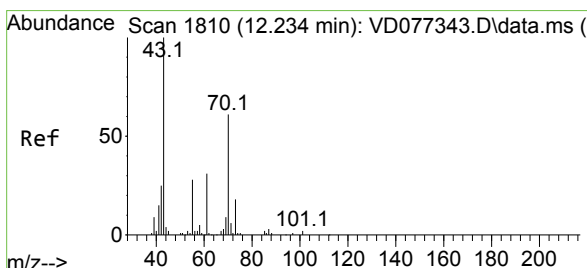
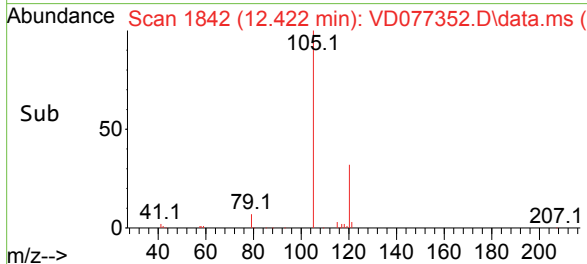
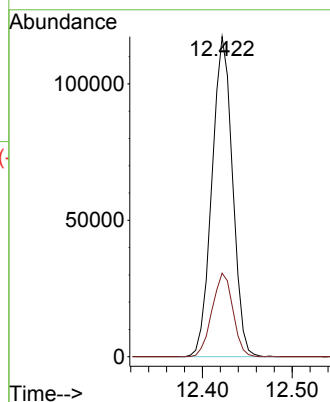
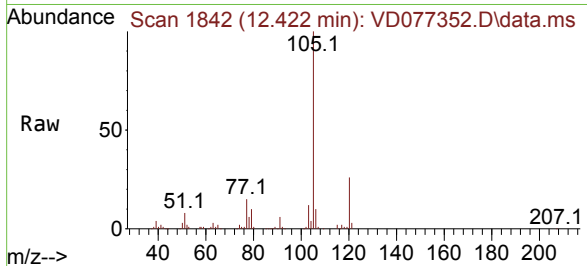




#73
Isopropylbenzene
Concen: 20.596 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD077352.D
Acq: 19 Oct 2023 13:42

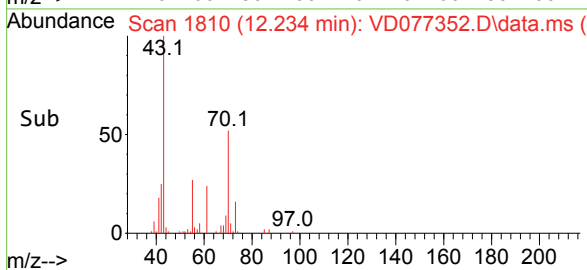
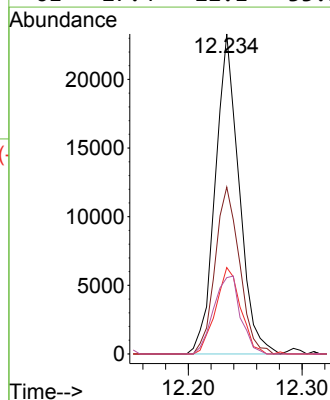
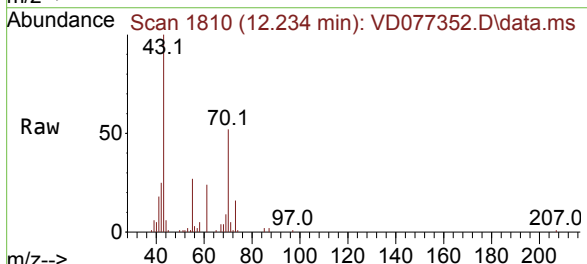
Instrument :
MSVOA_D
ClientSampleId :

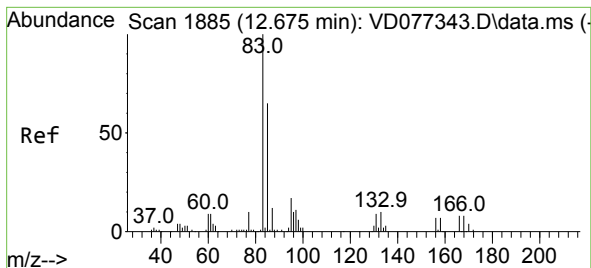
Tgt Ion:105 Resp: 187133
Ion Ratio Lower Upper
105 100
120 26.4 14.3 42.9



#74
N-ethyl acetate
Concen: 25.950 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD077352.D
Acq: 19 Oct 2023 13:42

Tgt Ion: 43 Resp: 33918
Ion Ratio Lower Upper
43 100
70 53.6 45.0 67.4
55 28.3 23.8 35.6
61 27.4 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 24.829 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VD077352.D

Acq: 19 Oct 2023 13:42

Instrument :

MSVOA_D

ClientSampleId :

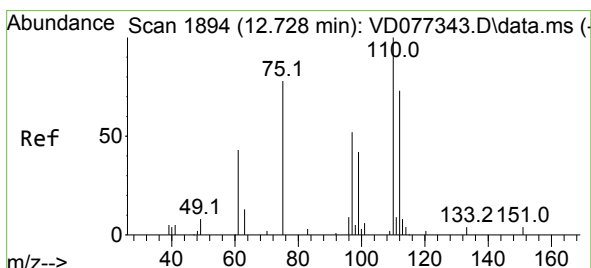
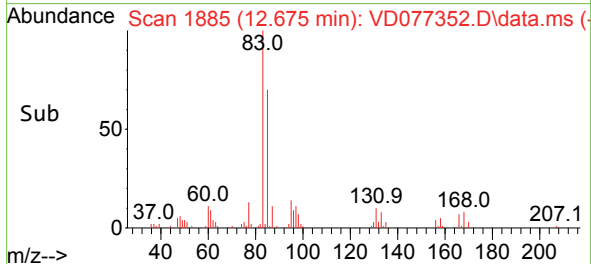
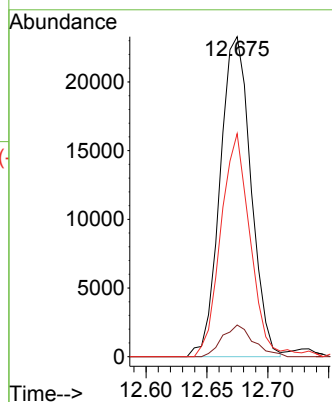
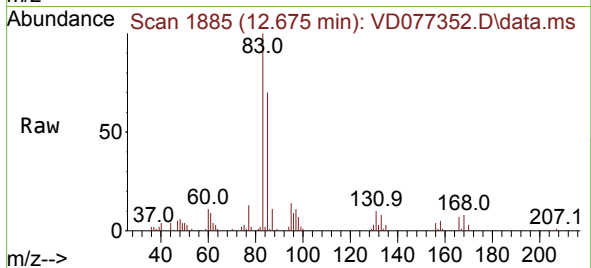
Tgt Ion: 83 Resp: 40994

Ion Ratio Lower Upper

83 100

131 9.9 5.1 15.3

85 67.1 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 26.440 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. -0.006 min

Lab File: VD077352.D

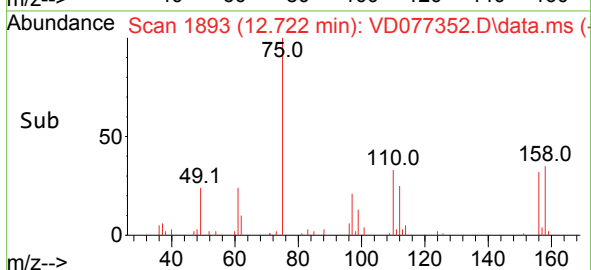
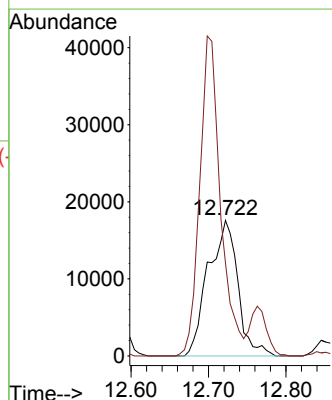
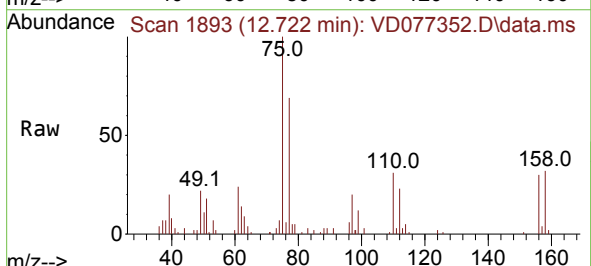
Acq: 19 Oct 2023 13:42

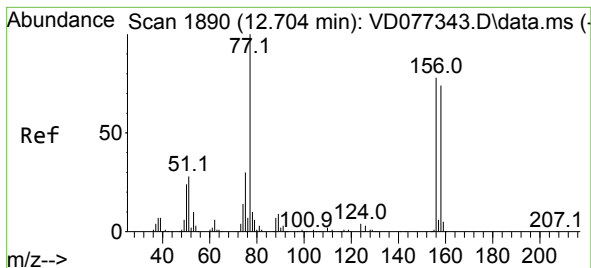
Tgt Ion: 75 Resp: 46758

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.366 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. -0.006 min

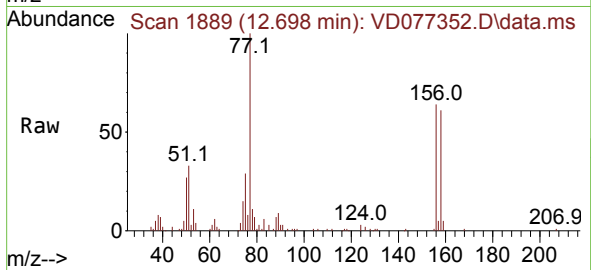
Lab File: VD077352.D

Acq: 19 Oct 2023 13:42

Instrument :

MSVOA_D

ClientSampleId :



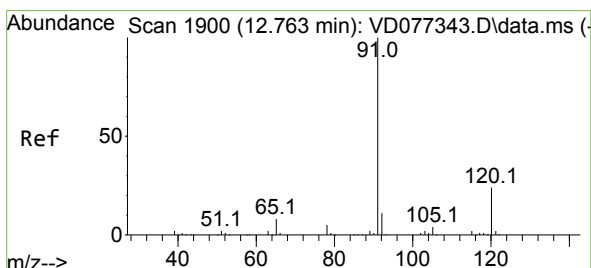
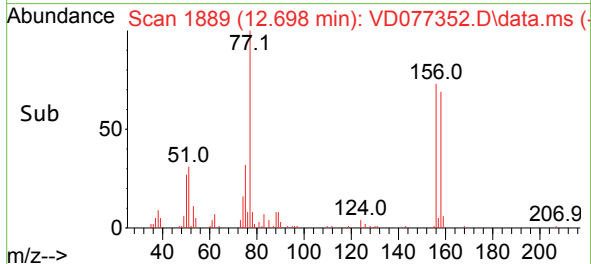
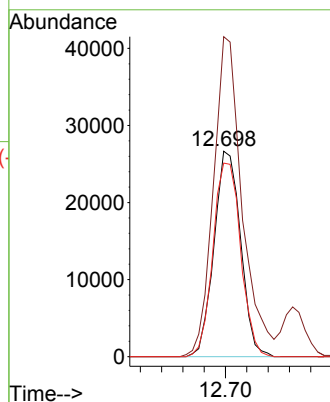
Tgt Ion:156 Resp: 46195

Ion Ratio Lower Upper

156 100

77 167.7 76.8 230.4

158 98.1 48.6 145.9



#78

n-propylbenzene

Concen: 21.867 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD077352.D

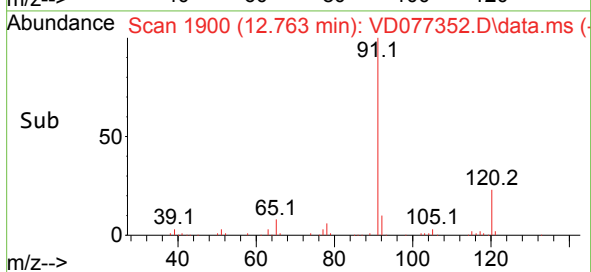
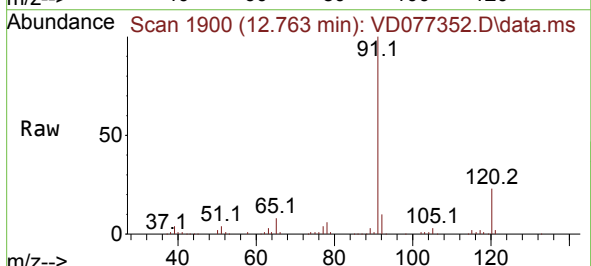
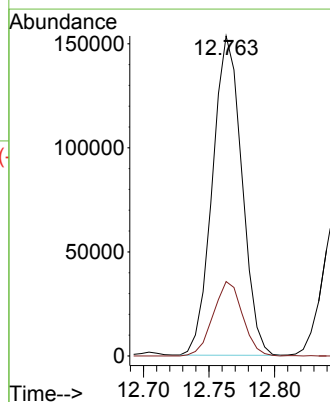
Acq: 19 Oct 2023 13:42

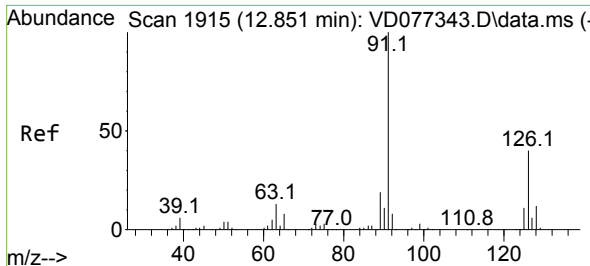
Tgt Ion: 91 Resp: 239276

Ion Ratio Lower Upper

91 100

120 23.3 12.4 37.2

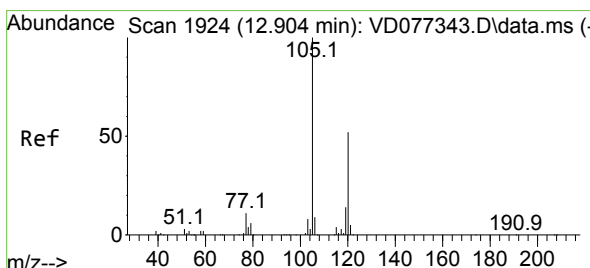
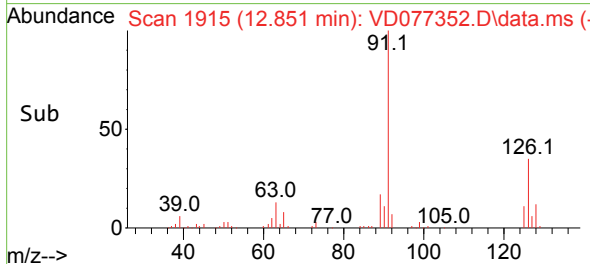
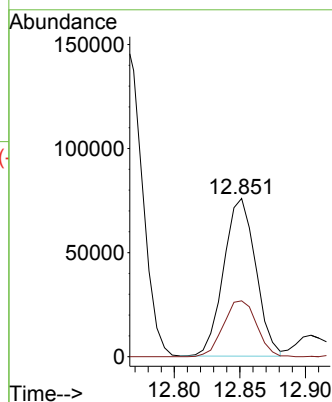
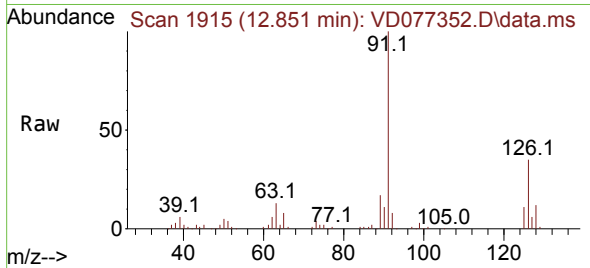




#79
2-Chlorotoluene
Concen: 21.664 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD077352.D
Acq: 19 Oct 2023 13:42

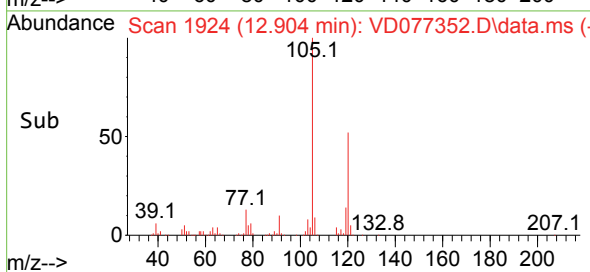
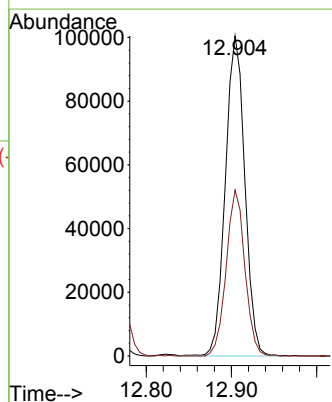
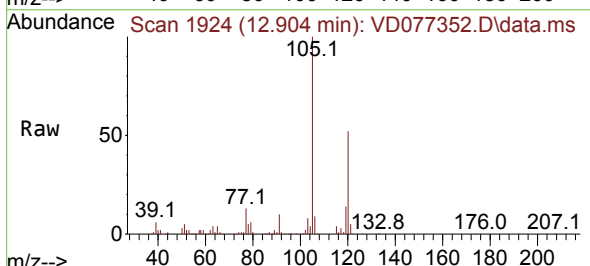
Instrument :
MSVOA_D
ClientSampleId :

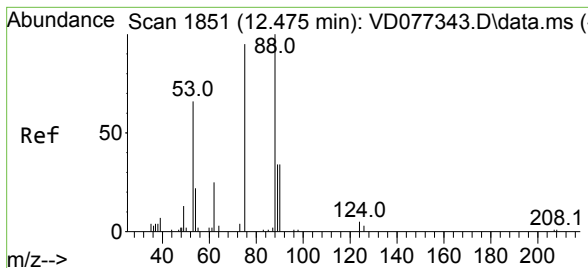
Tgt Ion: 91 Resp: 129116
Ion Ratio Lower Upper
91 100
126 36.7 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 21.252 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077352.D
Acq: 19 Oct 2023 13:42

Tgt Ion: 105 Resp: 159343
Ion Ratio Lower Upper
105 100
120 49.7 26.4 79.2

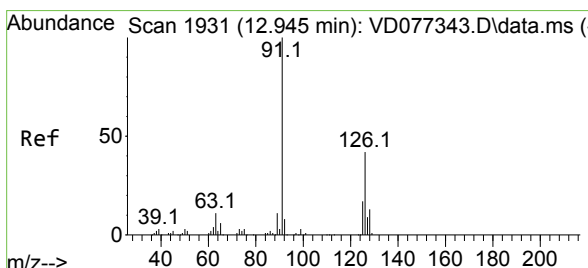
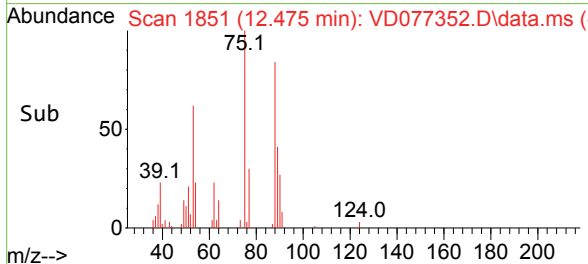
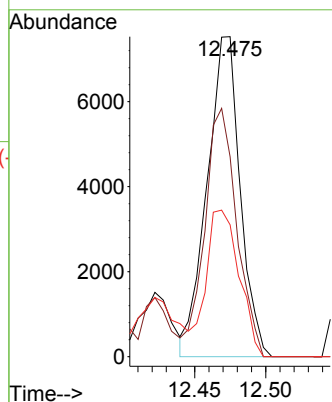
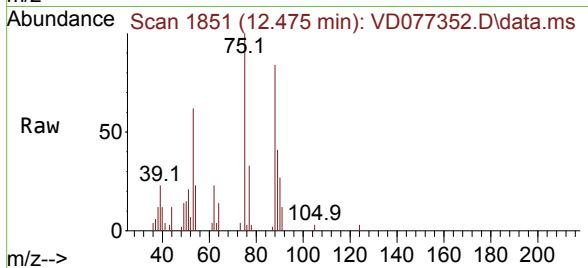




#81
trans-1,4-Dichloro-2-butene
Concen: 23.771 ug/l
RT: 12.475 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD077352.D
Acq: 19 Oct 2023 13:42

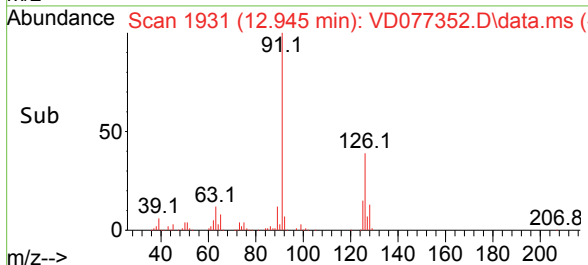
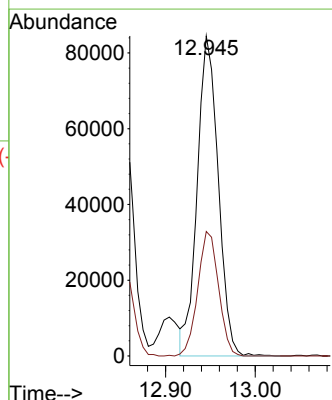
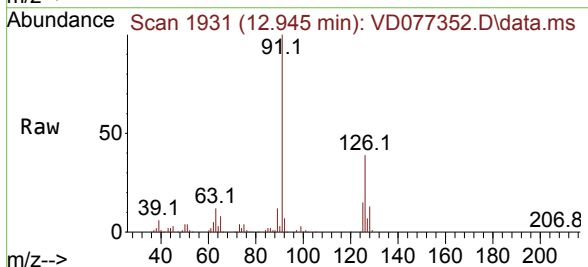
Instrument :
MSVOA_D
ClientSampleId :

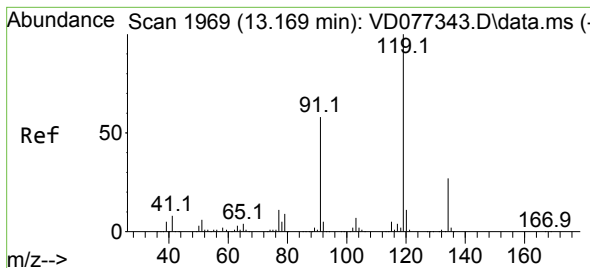
Tgt Ion: 75 Resp: 12186
Ion Ratio Lower Upper
75 100
53 75.2 63.0 94.4
89 46.0 37.9 56.9



#82
4-Chlorotoluene
Concen: 22.114 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD077352.D
Acq: 19 Oct 2023 13:42

Tgt Ion: 91 Resp: 137220
Ion Ratio Lower Upper
91 100
126 38.6 19.4 58.4





#83

tert-Butylbenzene

Concen: 20.252 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD077352.D

Acq: 19 Oct 2023 13:42

Instrument :

MSVOA_D

ClientSampleId :

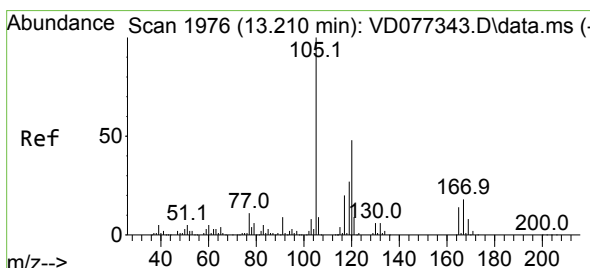
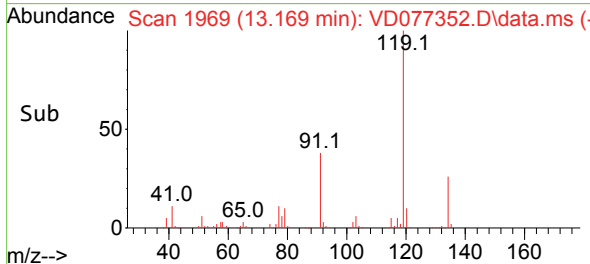
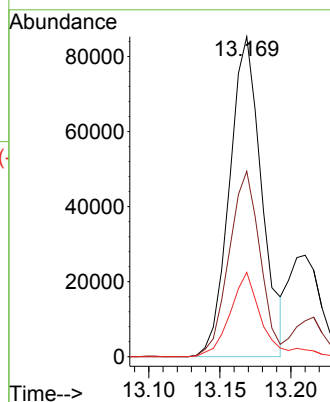
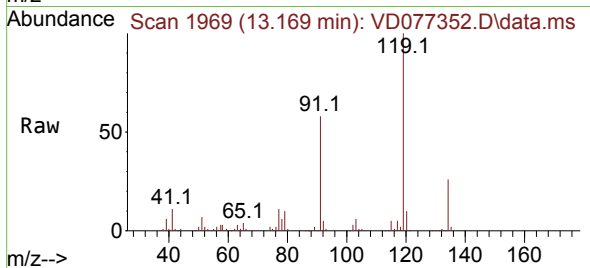
Tgt Ion:119 Resp: 134625

Ion Ratio Lower Upper

119 100

91 56.0 29.3 87.8

134 26.3 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 21.138 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD077352.D

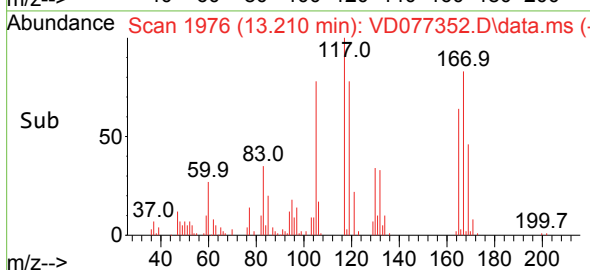
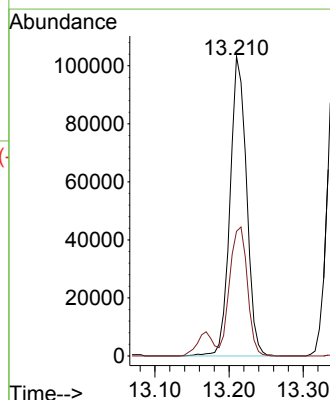
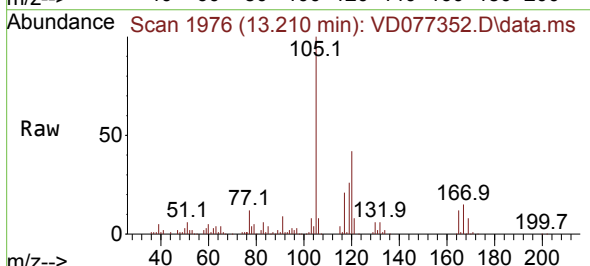
Acq: 19 Oct 2023 13:42

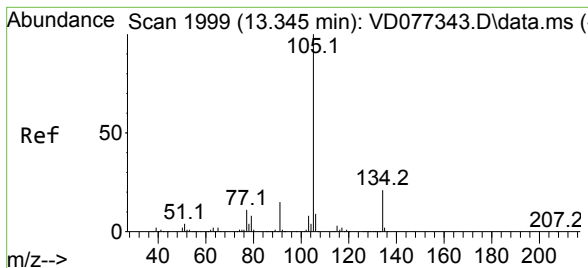
Tgt Ion:105 Resp: 159570

Ion Ratio Lower Upper

105 100

120 45.9 24.3 72.9

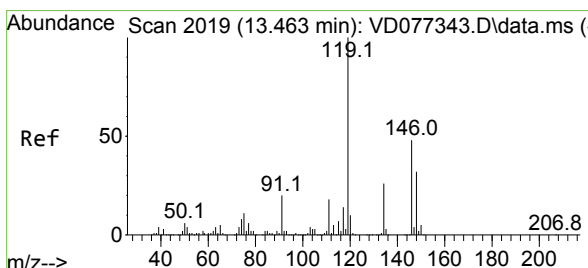
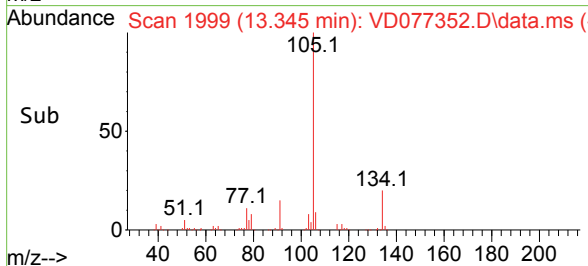
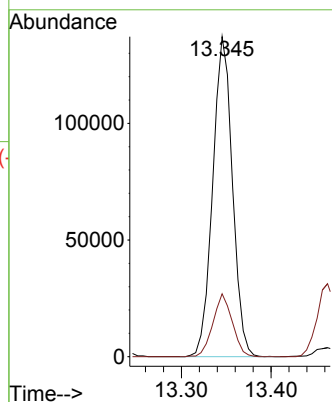
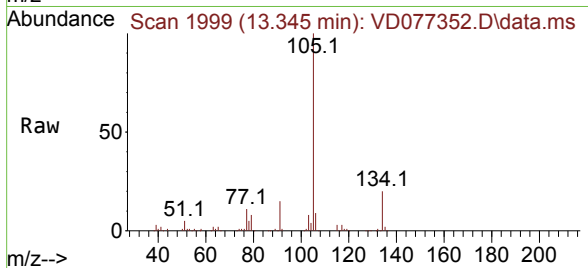




#85
 sec-Butylbenzene
 Concen: 20.890 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD077352.D
 Acq: 19 Oct 2023 13:42

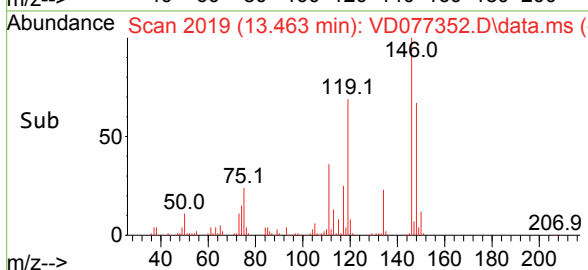
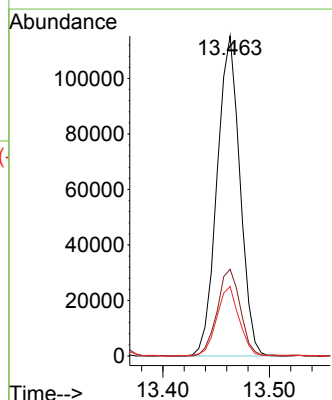
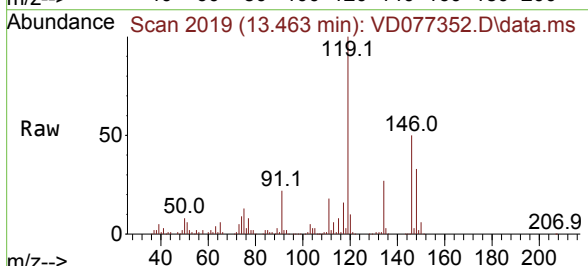
Instrument :
 MSVOA_D
 ClientSampleId :

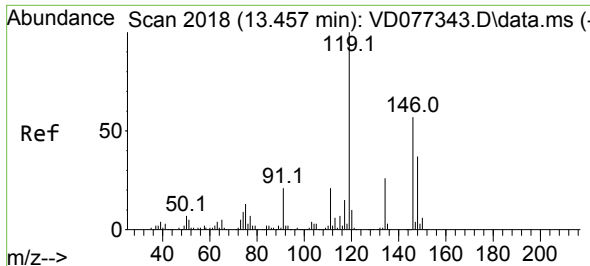
Tgt Ion:105 Resp: 208966
 Ion Ratio Lower Upper
 105 100
 134 19.3 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 19.777 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD077352.D
 Acq: 19 Oct 2023 13:42

Tgt Ion:119 Resp: 171863
 Ion Ratio Lower Upper
 119 100
 134 27.3 14.2 42.6
 91 21.5 10.5 31.5

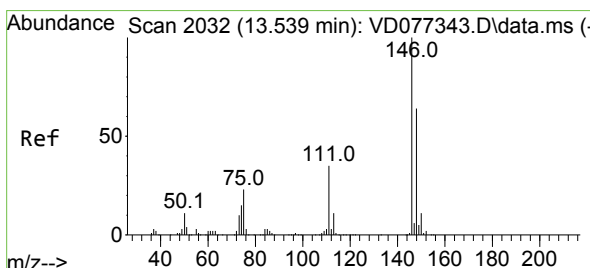
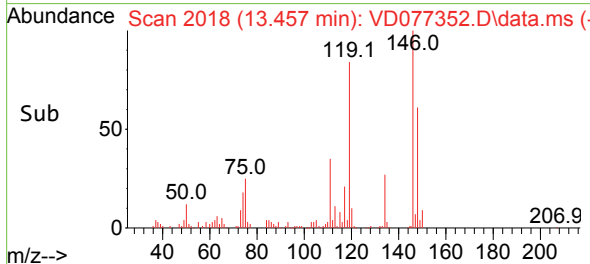
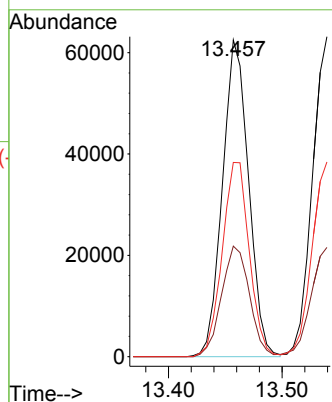
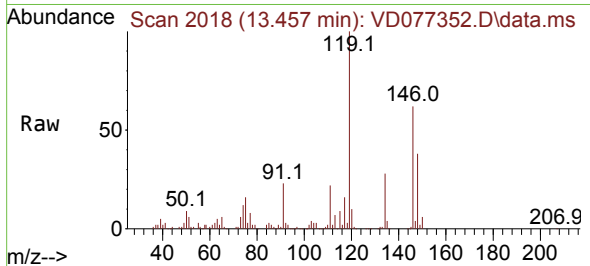




#87
1,3-Dichlorobenzene
Concen: 19.870 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD077352.D
Acq: 19 Oct 2023 13:42

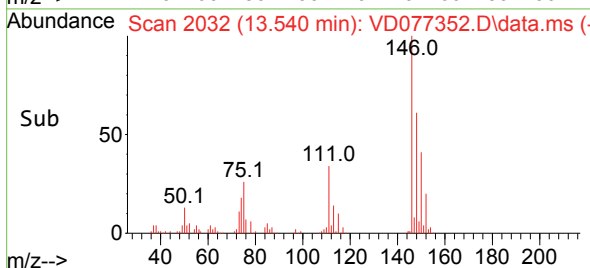
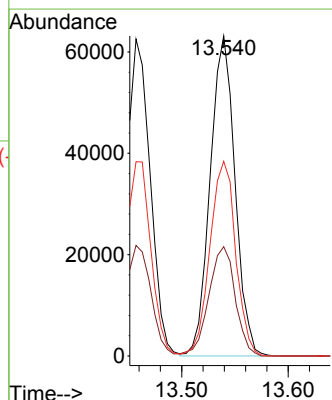
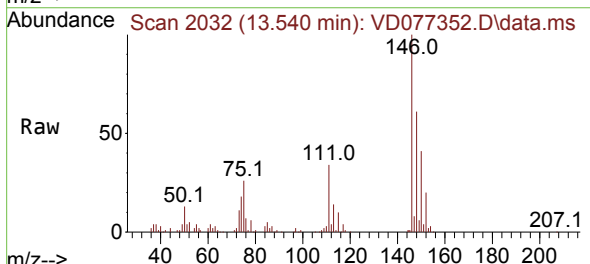
Instrument :
MSVOA_D
ClientSampleId :

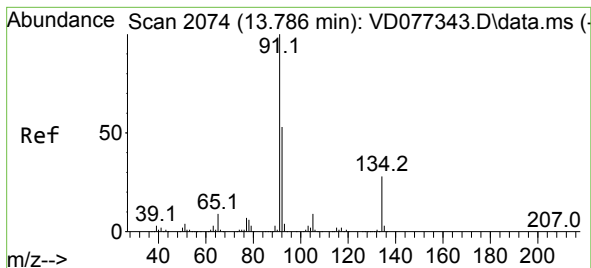
Tgt Ion:146 Resp: 99746
Ion Ratio Lower Upper
146 100
111 37.4 17.9 53.8
148 63.7 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 20.551 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD077352.D
Acq: 19 Oct 2023 13:42

Tgt Ion:146 Resp: 102231
Ion Ratio Lower Upper
146 100
111 36.3 17.4 52.3
148 63.1 31.7 95.1





#89

n-Butylbenzene

Concen: 21.293 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD077352.D

Acq: 19 Oct 2023 13:42

Instrument :

MSVOA_D

ClientSampleId :

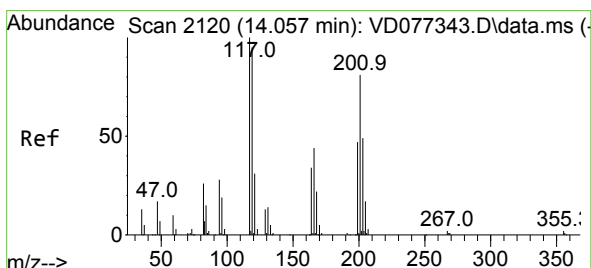
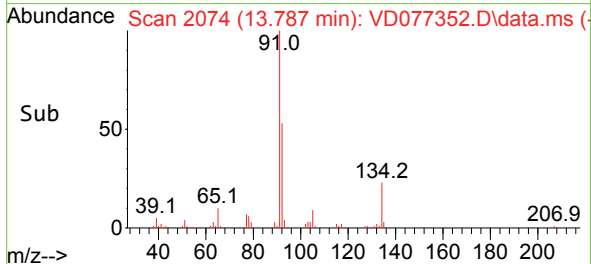
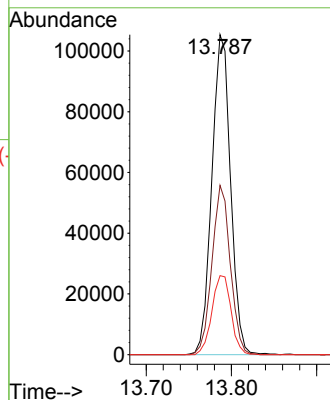
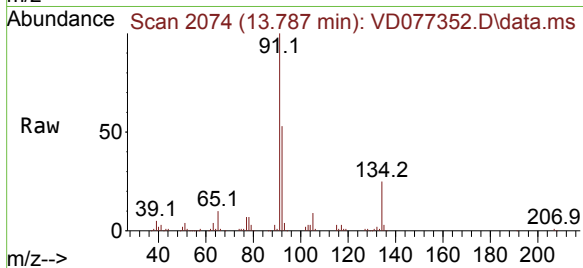
Tgt Ion: 91 Resp: 161121

Ion Ratio Lower Upper

91 100

92 51.9 26.5 79.5

134 25.2 13.8 41.3



#90

Hexachloroethane

Concen: 21.042 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. -0.006 min

Lab File: VD077352.D

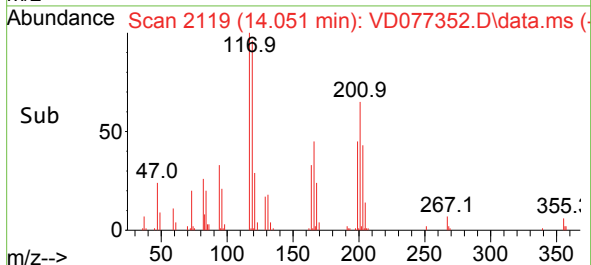
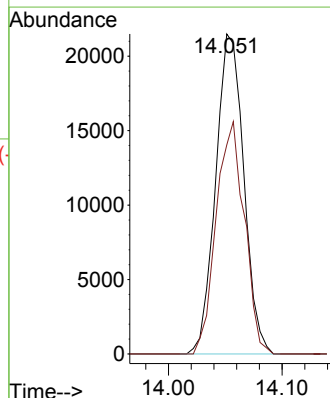
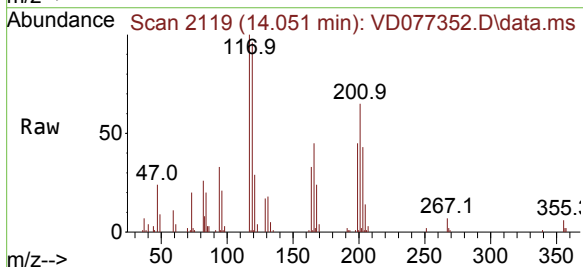
Acq: 19 Oct 2023 13:42

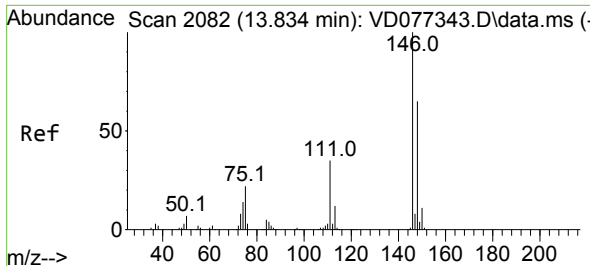
Tgt Ion: 117 Resp: 36962

Ion Ratio Lower Upper

117 100

201 72.9 38.5 115.5





#91

1,2-Dichlorobenzene

Concen: 20.182 ug/l

RT: 13.834 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VD077352.D

Acq: 19 Oct 2023 13:42

Instrument :

MSVOA_D

ClientSampleId :

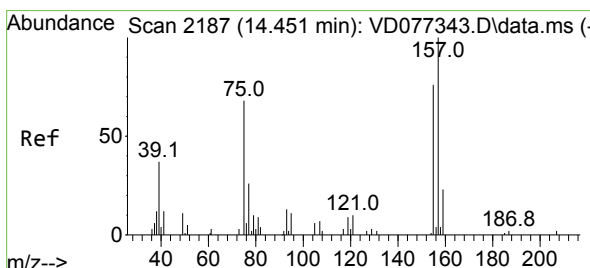
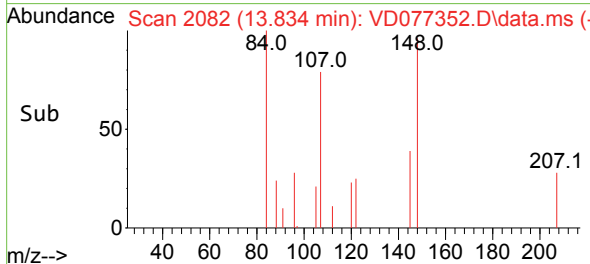
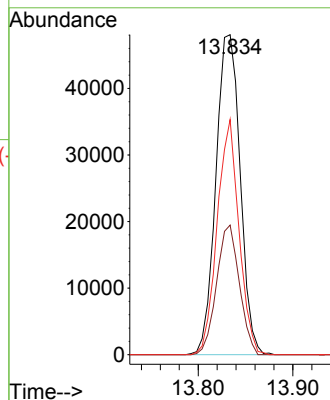
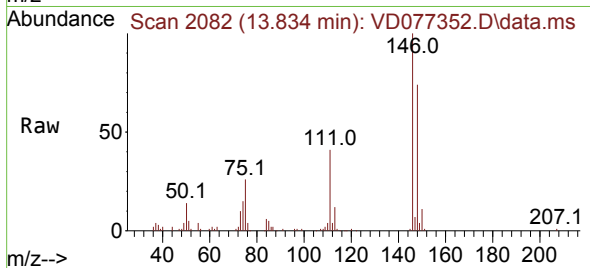
Tgt Ion:146 Resp: 85583

Ion Ratio Lower Upper

146 100

111 38.0 18.3 54.8

148 65.9 31.6 94.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 26.385 ug/l

RT: 14.451 min Scan# 2187

Delta R.T. 0.000 min

Lab File: VD077352.D

Acq: 19 Oct 2023 13:42

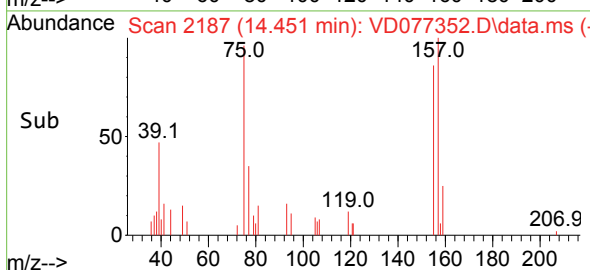
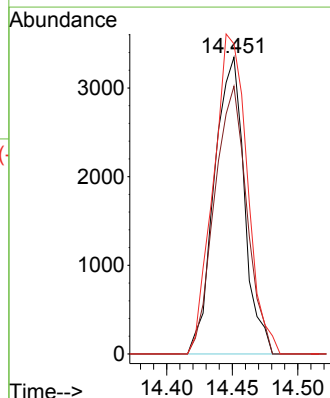
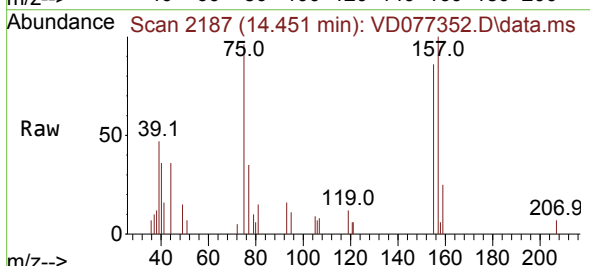
Tgt Ion: 75 Resp: 5332

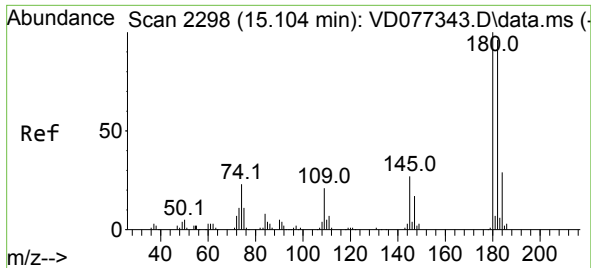
Ion Ratio Lower Upper

75 100

155 96.8 47.9 143.8

157 120.9 59.9 179.7

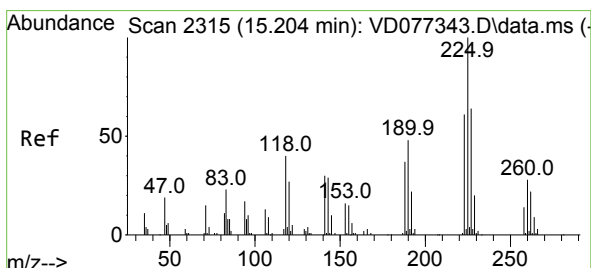
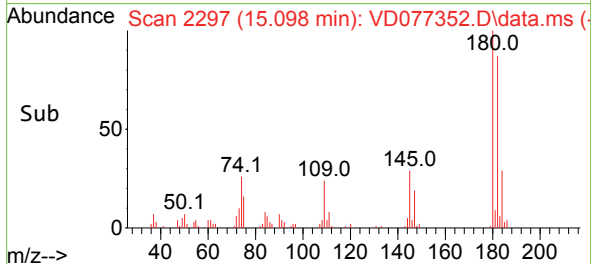
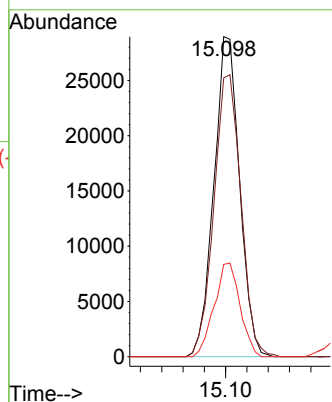
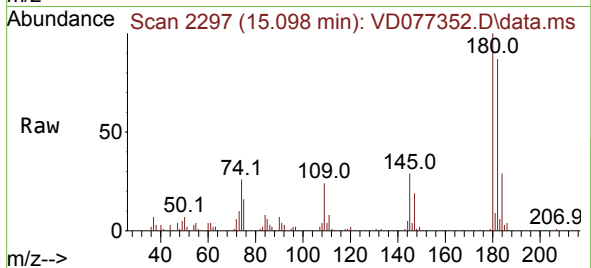




#93
 1,2,4-Trichlorobenzene
 Concen: 18.340 ug/l
 RT: 15.098 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VD077352.D
 Acq: 19 Oct 2023 13:42

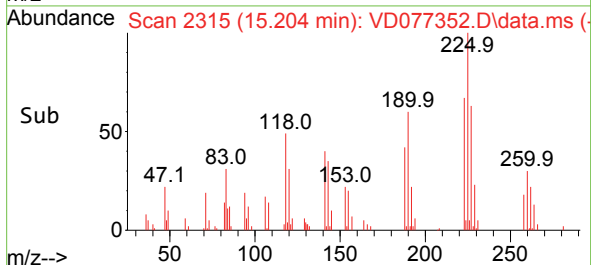
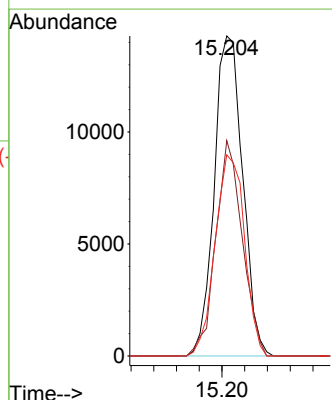
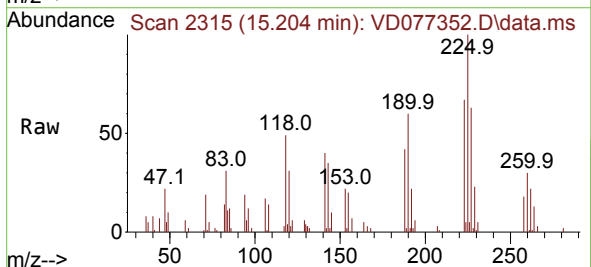
Instrument :
 MSVOA_D
 ClientSampleId :

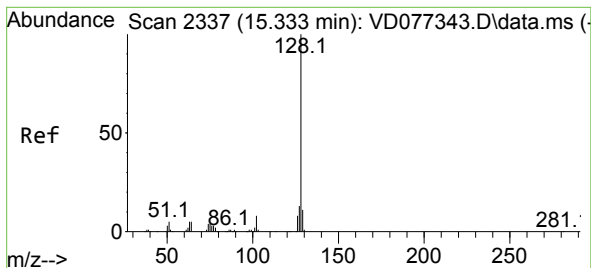
Tgt Ion:180 Resp: 48455
 Ion Ratio Lower Upper
 180 100
 182 92.6 48.5 145.6
 145 29.3 14.2 42.6



#94
 Hexachlorobutadiene
 Concen: 16.554 ug/l
 RT: 15.204 min Scan# 2315
 Delta R.T. 0.000 min
 Lab File: VD077352.D
 Acq: 19 Oct 2023 13:42

Tgt Ion:225 Resp: 24839
 Ion Ratio Lower Upper
 225 100
 223 62.9 31.6 94.8
 227 64.8 31.7 95.1





#95

Naphthalene

Concen: 19.380 ug/l

RT: 15.334 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD077352.D

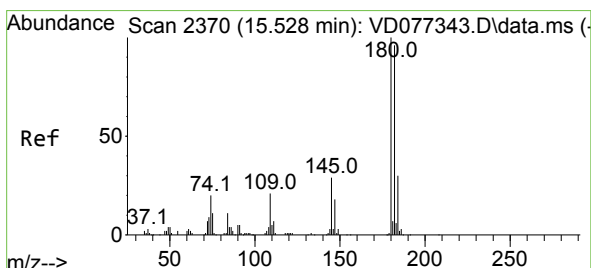
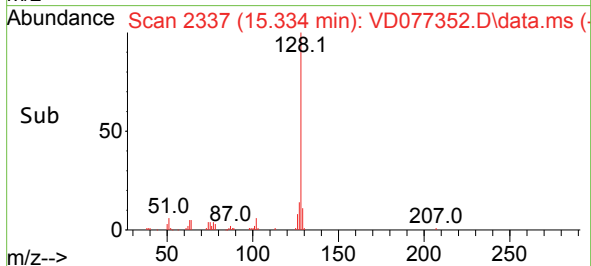
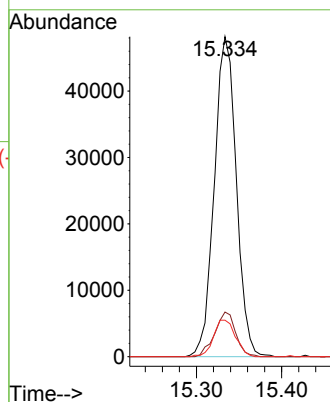
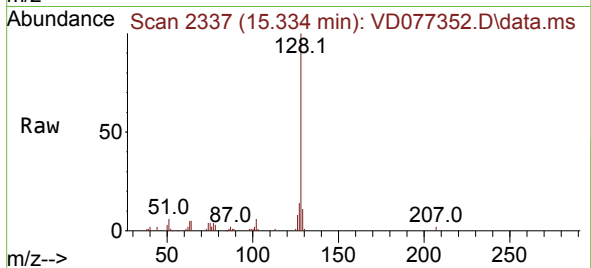
Acq: 19 Oct 2023 13:42

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:128	Resp:	86450
Ion Ratio	Lower	Upper
128	100	
127	14.0	10.5 15.7
129	11.4	8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 18.853 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. -0.006 min

Lab File: VD077352.D

Acq: 19 Oct 2023 13:42

Tgt Ion:180	Resp:	43235
Ion Ratio	Lower	Upper
180	100	
182	91.9	47.3 141.9
145	29.5	15.1 45.3

