

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121923\
 Data File : VD077965.D
 Acq On : 19 Dec 2023 10:58
 Operator : RP/MD
 Sample : VD1219SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 20 01:59:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 14:48:10 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	131498	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	220495	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	203782	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	108848	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	81176	52.388	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.780%	
35) Dibromofluoromethane	7.811	113	87232	56.479	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.960%	
50) Toluene-d8	10.269	98	345520	55.856	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 111.720%	
62) 4-Bromofluorobenzene	12.575	95	102148	55.232	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 110.460%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	31016	18.882	ug/l	97
3) Chloromethane	2.152	50	42026	18.770	ug/l	99
4) Vinyl Chloride	2.293	62	61225	20.143	ug/l	94
5) Bromomethane	2.693	94	44799	26.266	ug/l	99
6) Chloroethane	2.846	64	45130	21.778	ug/l	96
7) Trichlorofluoromethane	3.175	101	58508	20.900	ug/l	86
8) Diethyl Ether	3.605	74	15578	19.817	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.975	101	35150	21.948	ug/l	96
10) Methyl Iodide	4.175	142	25745	22.610	ug/l	94
11) Tert butyl alcohol	5.052	59	7698	96.232	ug/l	96
12) 1,1-Dichloroethene	3.946	96	30193	19.102	ug/l #	74
13) Acrolein	3.799	56	9921	60.527	ug/l	98
14) Allyl chloride	4.570	41	37916	17.441	ug/l	90
15) Acrylonitrile	5.264	53	31513	93.630	ug/l	93
16) Acetone	4.022	43	47122	124.928	ug/l	91
17) Carbon Disulfide	4.281	76	86025	16.087	ug/l	100
18) Methyl Acetate	4.570	43	22986	18.836	ug/l	89
19) Methyl tert-butyl Ether	5.322	73	65427	19.510	ug/l	98
20) Methylene Chloride	4.811	84	41500	19.678	ug/l #	84
21) trans-1,2-Dichloroethene	5.317	96	36305	20.278	ug/l	95
22) Diisopropyl ether	6.222	45	85998	18.930	ug/l	94
23) Vinyl Acetate	6.164	43	201377	90.772	ug/l #	89
24) 1,1-Dichloroethane	6.116	63	62642	20.362	ug/l	99
25) 2-Butanone	7.087	43	50568	110.332	ug/l #	86
26) 2,2-Dichloropropane	7.075	77	52507	20.328	ug/l	95
27) cis-1,2-Dichloroethene	7.087	96	39322	20.412	ug/l	89
28) Bromochloromethane	7.428	49	22721	18.277	ug/l #	76
29) Tetrahydrofuran	7.446	42	21611	87.584	ug/l	87
30) Chloroform	7.599	83	64573	20.972	ug/l	99
31) Cyclohexane	7.881	56	48104	17.454	ug/l	94
32) 1,1,1-Trichloroethane	7.793	97	55907	20.597	ug/l	98
36) 1,1-Dichloropropene	8.011	75	48476	19.622	ug/l	96
37) Ethyl Acetate	7.169	43	15046	15.619	ug/l	99
38) Carbon Tetrachloride	7.999	117	49936	20.275	ug/l	98
39) Methylcyclohexane	9.275	83	56264	19.211	ug/l	91
40) Benzene	8.258	78	138346	19.730	ug/l	95

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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	7.399	41	8661	17.690	ug/l #	91
42) 1,2-Dichloroethane	8.334	62	36861	20.281	ug/l	94
43) Isopropyl Acetate	8.358	43	32165	18.784	ug/l #	92
44) Trichloroethene	9.034	130	38689	21.173	ug/l	96
45) 1,2-Dichloropropane	9.310	63	35165	20.630	ug/l	96
46) Dibromomethane	9.393	93	18970	21.033	ug/l	94
47) Bromodichloromethane	9.587	83	49065	21.463	ug/l	97
48) Methyl methacrylate	9.381	41	18305	18.805	ug/l #	79
49) 1,4-Dioxane	9.393	88	3595	401.426	ug/l #	85
51) 4-Methyl-2-Pentanone	10.157	43	80414	92.013	ug/l	93
52) Toluene	10.340	92	90212	20.741	ug/l	99
53) t-1,3-Dichloropropene	10.557	75	45124	20.555	ug/l	100
54) cis-1,3-Dichloropropene	10.022	75	54051	20.365	ug/l #	90
55) 1,1,2-Trichloroethane	10.734	97	26156	21.202	ug/l	91
56) Ethyl methacrylate	10.604	69	21259	19.548	ug/l #	89
57) 1,3-Dichloropropane	10.881	76	43970	20.677	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	40814	65.810	ug/l	95
59) 2-Hexanone	10.922	43	71817	99.050	ug/l	90
60) Dibromochloromethane	11.075	129	32525	21.898	ug/l	94
61) 1,2-Dibromoethane	11.181	107	23927	20.604	ug/l	96
64) Tetrachloroethene	10.810	164	29306	19.566	ug/l	91
65) Chlorobenzene	11.610	112	96327	18.897	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	34260	20.217	ug/l	96
67) Ethyl Benzene	11.687	91	167378	19.729	ug/l	100
68) m/p-Xylenes	11.793	106	131428	40.499	ug/l	92
69) o-Xylene	12.122	106	58624	19.601	ug/l	89
70) Styrene	12.140	104	90929	20.446	ug/l	95
71) Bromoform	12.299	173	18309	20.678	ug/l #	99
73) Isopropylbenzene	12.422	105	165629	20.077	ug/l	96
74) N-amyl acetate	12.234	43	27797	17.141	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.675	83	28687	19.943	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	35034	37.059	ug/l #	100
77) Bromobenzene	12.704	156	37886	19.524	ug/l	91
78) n-propylbenzene	12.763	91	204801	20.373	ug/l	95
79) 2-Chlorotoluene	12.851	91	107909	20.030	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	135076	19.632	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	9009	19.308	ug/l	92
82) 4-Chlorotoluene	12.951	91	113857	20.216	ug/l	95
83) tert-Butylbenzene	13.169	119	118342	20.373	ug/l	98
84) 1,2,4-Trimethylbenzene	13.216	105	139752	20.307	ug/l	97
85) sec-Butylbenzene	13.346	105	175697	20.462	ug/l	97
86) p-Isopropyltoluene	13.463	119	155124	20.179	ug/l	97
87) 1,3-Dichlorobenzene	13.463	146	79701	20.085	ug/l	99
88) 1,4-Dichlorobenzene	13.540	146	79877	19.178	ug/l	96
89) n-Butylbenzene	13.793	91	148126	20.477	ug/l	98
90) Hexachloroethane	14.057	117	31758	22.463	ug/l	94
91) 1,2-Dichlorobenzene	13.834	146	68056	20.166	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.457	75	4155	19.339	ug/l	96
93) 1,2,4-Trichlorobenzene	15.098	180	44187	19.168	ug/l	95
94) Hexachlorobutadiene	15.210	225	25212	20.282	ug/l	98
95) Naphthalene	15.334	128	73386	19.160	ug/l	97
96) 1,2,3-Trichlorobenzene	15.522	180	38014	20.003	ug/l	95

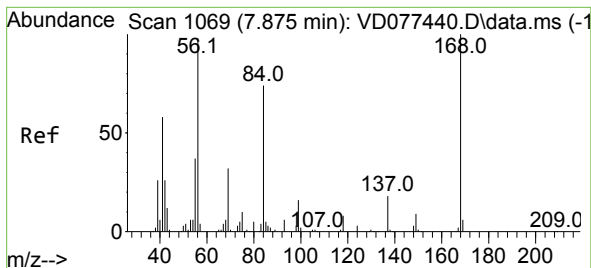
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Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.881 min Scan# 10

Delta R.T. 0.006 min

Lab File: VD077965.D

Acq: 19 Dec 2023 10:58

Instrument :

MSVOA_D

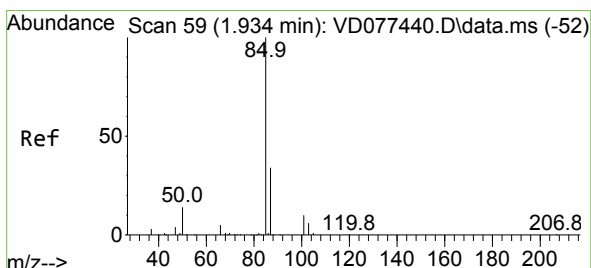
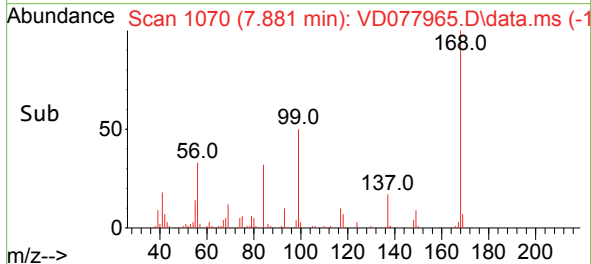
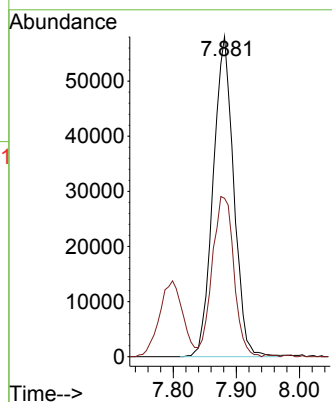
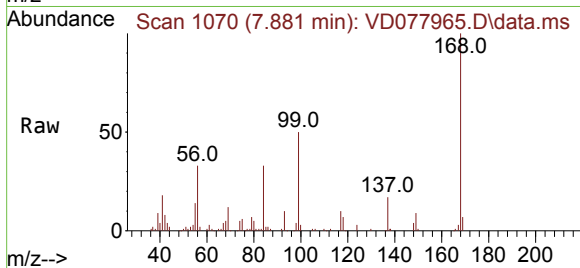
ClientSampleId :

Tgt Ion:168 Resp: 131498

Ion Ratio Lower Upper

168 100

99 49.5 36.7 55.1



#2

Dichlorodifluoromethane

Concen: 18.882 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD077965.D

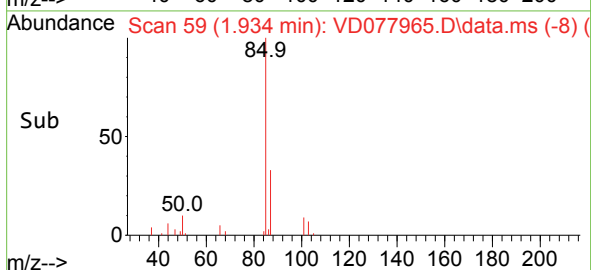
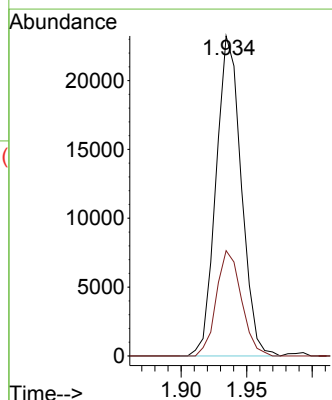
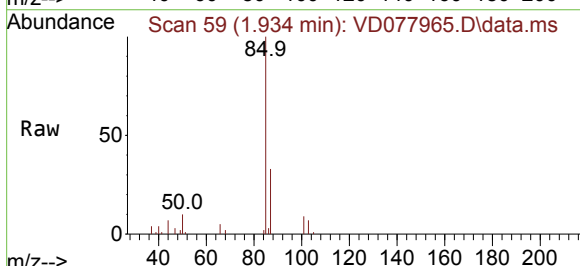
Acq: 19 Dec 2023 10:58

Tgt Ion: 85 Resp: 31016

Ion Ratio Lower Upper

85 100

87 32.9 15.7 47.0

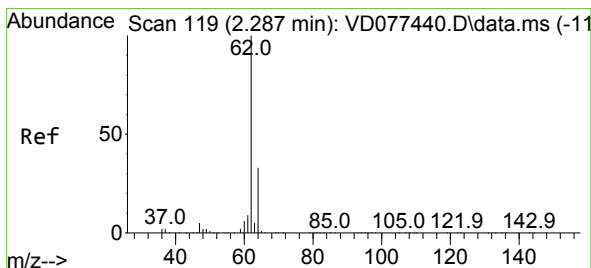
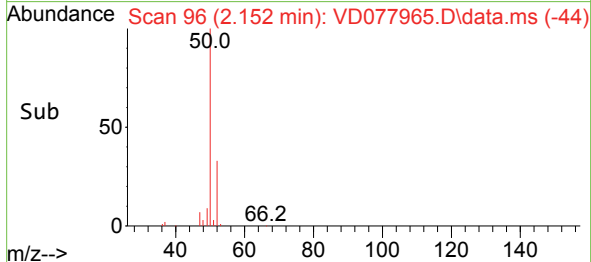
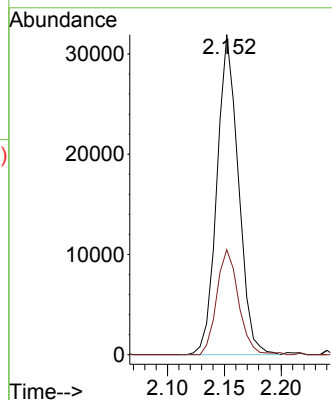
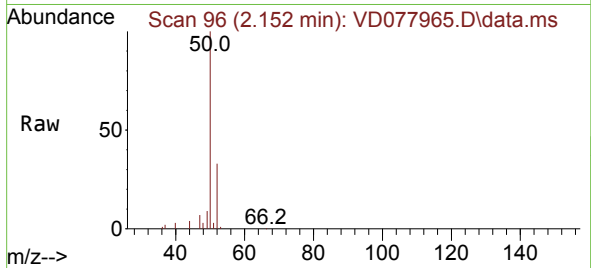




#3
Chloromethane
Concen: 18.770 ug/l
RT: 2.152 min Scan# 90
Delta R.T. 0.006 min
Lab File: VD077965.D
Acq: 19 Dec 2023 10:58

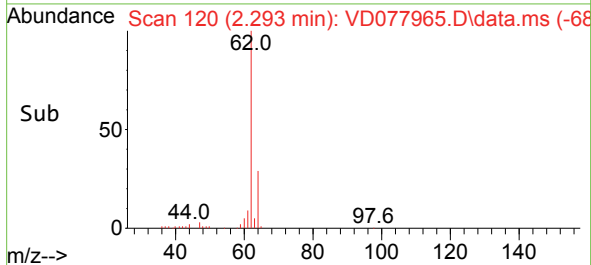
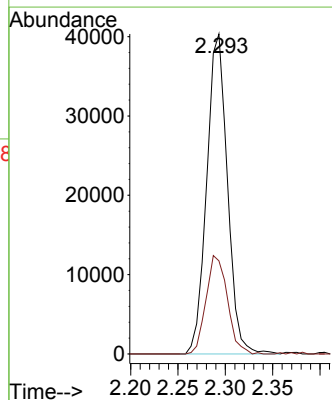
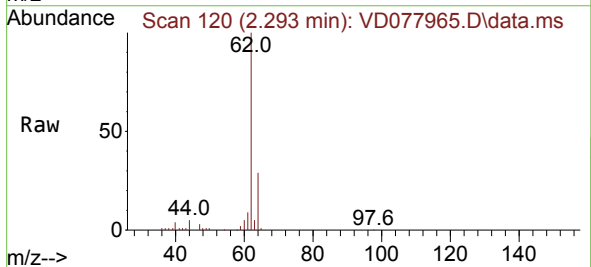
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 50 Resp: 42026
Ion Ratio Lower Upper
50 100
52 32.8 26.6 40.0



#4
Vinyl Chloride
Concen: 20.143 ug/l
RT: 2.293 min Scan# 120
Delta R.T. 0.006 min
Lab File: VD077965.D
Acq: 19 Dec 2023 10:58

Tgt Ion: 62 Resp: 61225
Ion Ratio Lower Upper
62 100
64 29.1 26.0 39.0

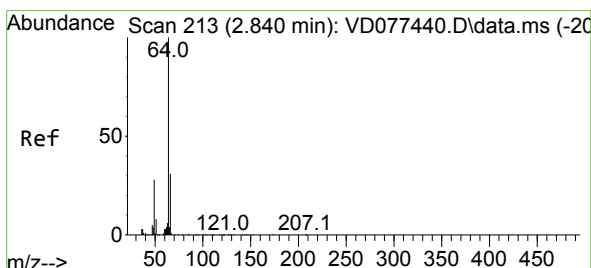
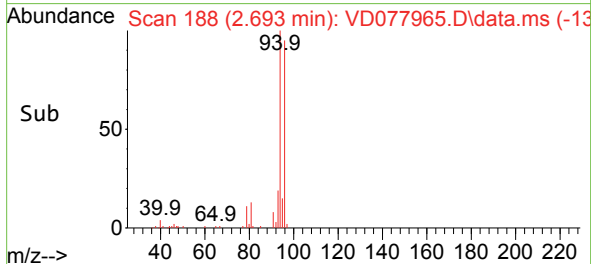
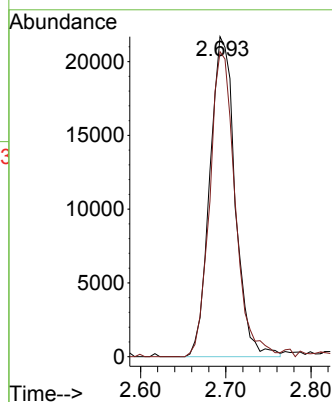
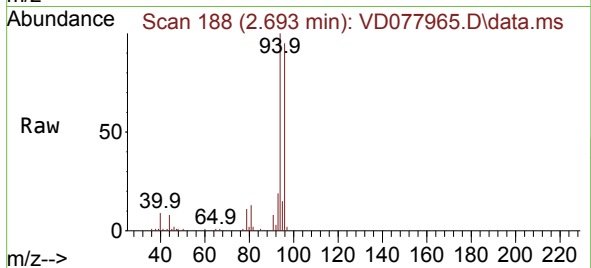




#5
Bromomethane
Concen: 26.266 ug/l
RT: 2.693 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077965.D
Acq: 19 Dec 2023 10:58

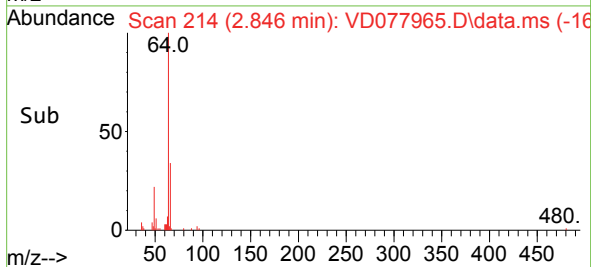
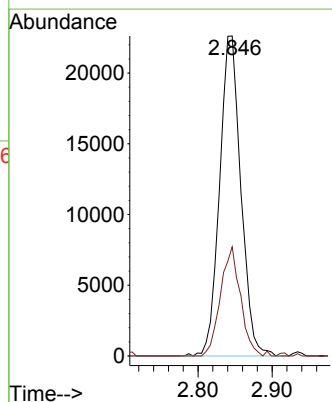
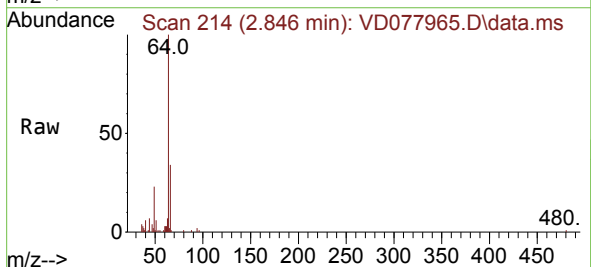
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ClientSampleId :

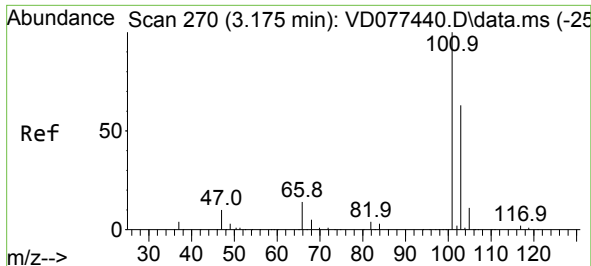
Tgt Ion: 94 Resp: 44799
Ion Ratio Lower Upper
94 100
96 95.5 75.8 113.8



#6
Chloroethane
Concen: 21.778 ug/l
RT: 2.846 min Scan# 214
Delta R.T. 0.006 min
Lab File: VD077965.D
Acq: 19 Dec 2023 10:58

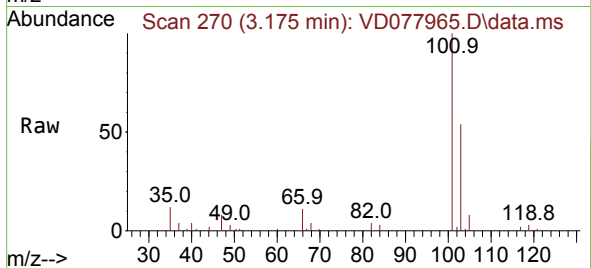
Tgt Ion: 64 Resp: 45130
Ion Ratio Lower Upper
64 100
66 34.1 25.5 38.3



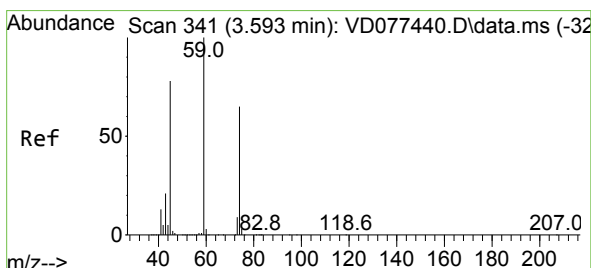
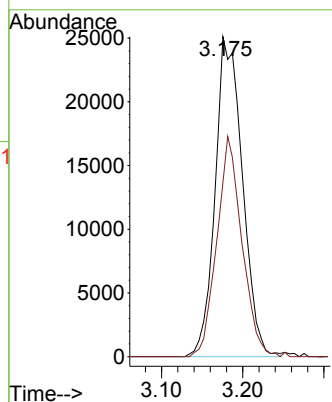
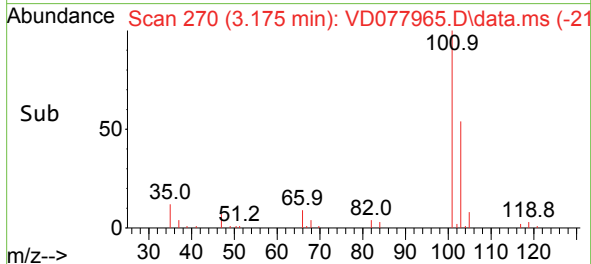


#7
 Trichlorofluoromethane
 Concen: 20.900 ug/l
 RT: 3.175 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD077965.D
 Acq: 19 Dec 2023 10:58

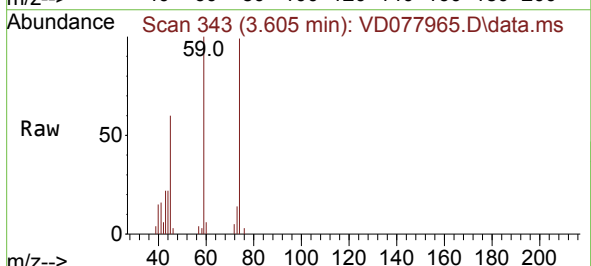
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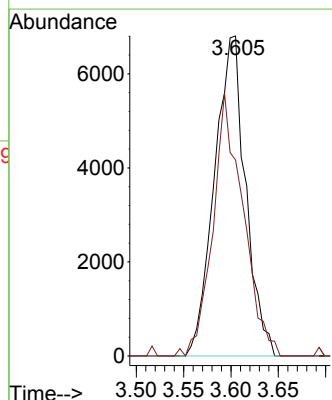
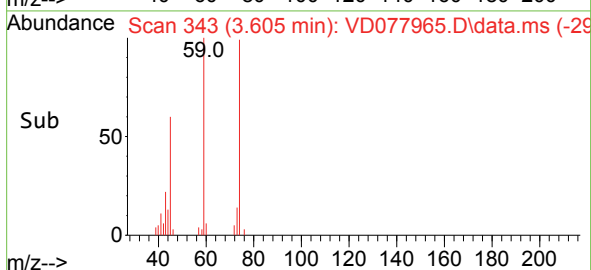
Tgt Ion:101 Resp: 58508
 Ion Ratio Lower Upper
 101 100
 103 54.4 52.3 78.5



#8
 Diethyl Ether
 Concen: 19.817 ug/l
 RT: 3.605 min Scan# 343
 Delta R.T. 0.012 min
 Lab File: VD077965.D
 Acq: 19 Dec 2023 10:58



Tgt Ion: 74 Resp: 15578
 Ion Ratio Lower Upper
 74 100
 45 79.5 37.5 112.7

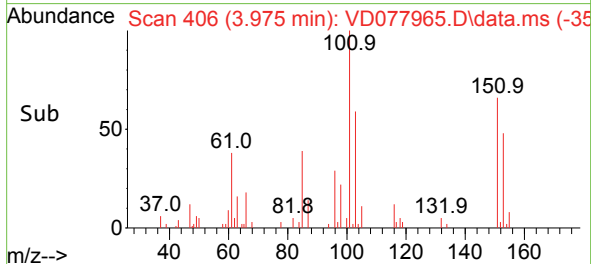
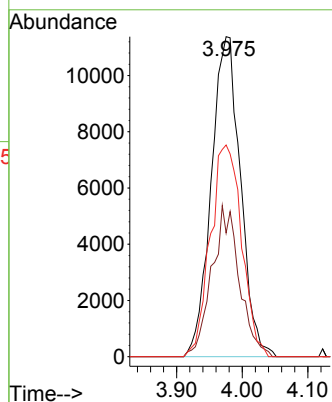
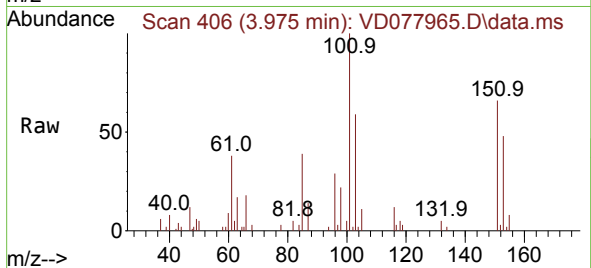




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.948 ug/l
RT: 3.975 min Scan# 404
Delta R.T. 0.012 min
Lab File: VD077965.D
Acq: 19 Dec 2023 10:58

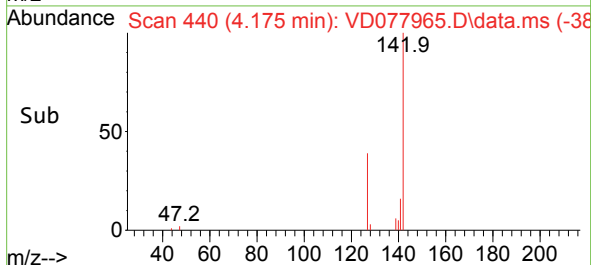
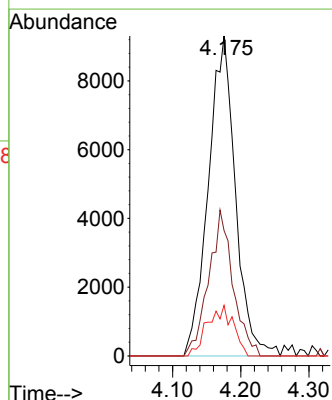
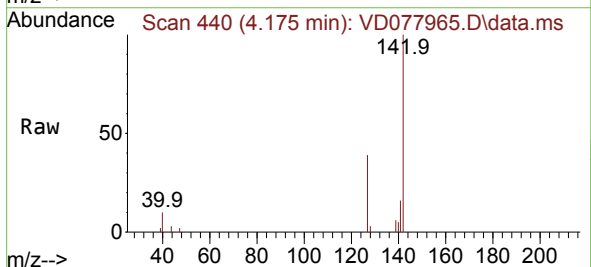
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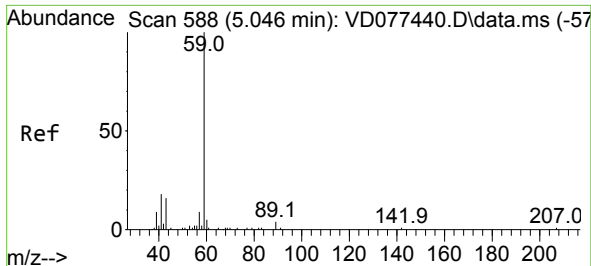
Tgt Ion:101 Resp: 35150
Ion Ratio Lower Upper
101 100
85 44.6 33.8 50.6
151 70.9 59.8 89.6



#10
Methyl Iodide
Concen: 22.610 ug/l
RT: 4.175 min Scan# 440
Delta R.T. 0.006 min
Lab File: VD077965.D
Acq: 19 Dec 2023 10:58

Tgt Ion:142 Resp: 25745
Ion Ratio Lower Upper
142 100
127 41.1 29.4 44.0
141 15.0 11.1 16.7

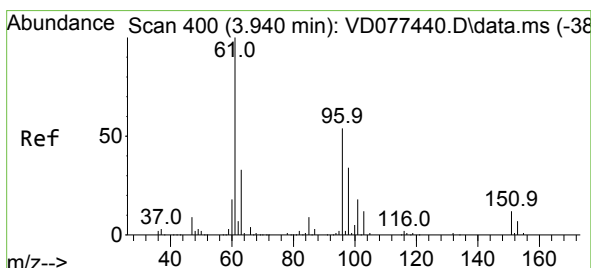
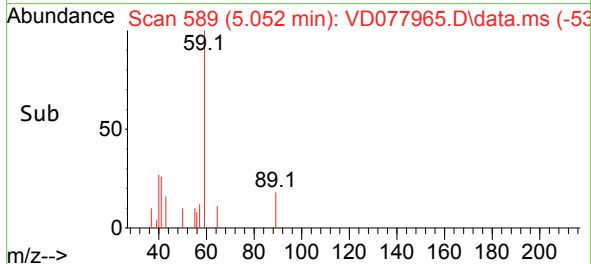
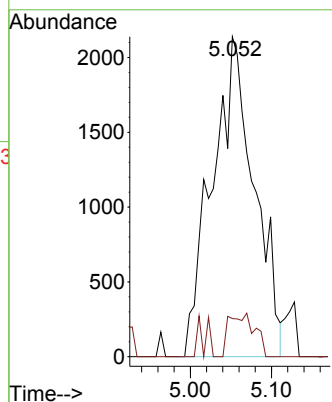
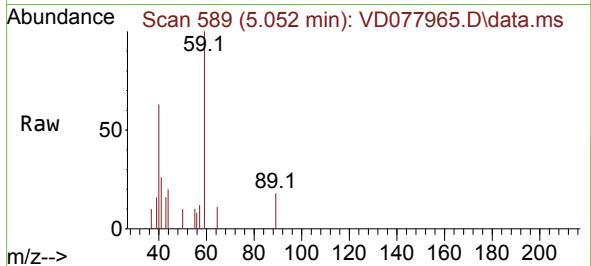




#11
Tert butyl alcohol
Concen: 96.232 ug/l
RT: 5.052 min Scan# 589
Delta R.T. 0.006 min
Lab File: VD077965.D
Acq: 19 Dec 2023 10:58

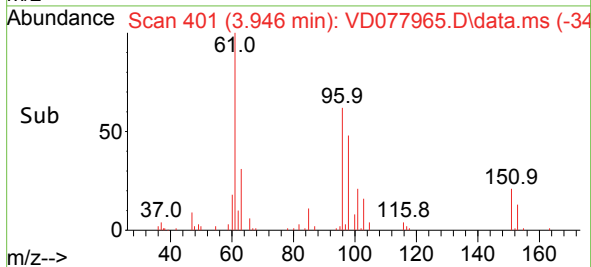
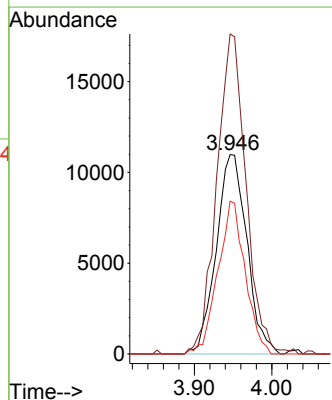
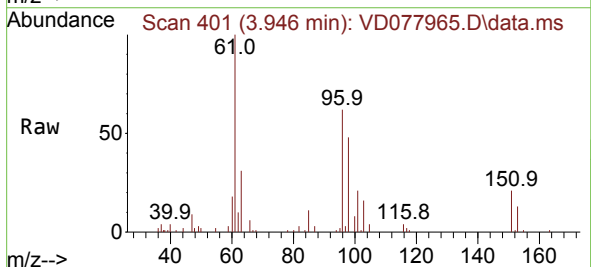
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 59 Resp: 7698
Ion Ratio Lower Upper
59 100
57 8.4 7.8 11.8



#12
1,1-Dichloroethene
Concen: 19.102 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.006 min
Lab File: VD077965.D
Acq: 19 Dec 2023 10:58

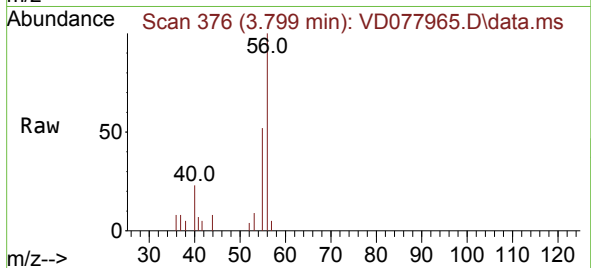
Tgt Ion: 96 Resp: 30193
Ion Ratio Lower Upper
96 100
61 160.6 100.6 150.8#
98 76.7 50.2 75.2#



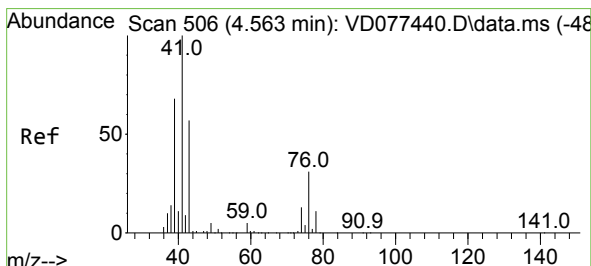
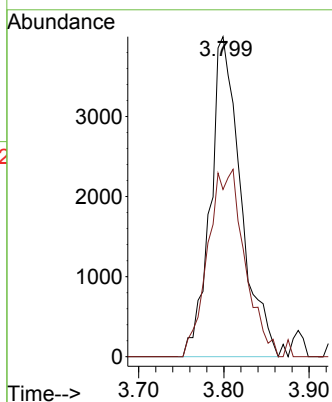
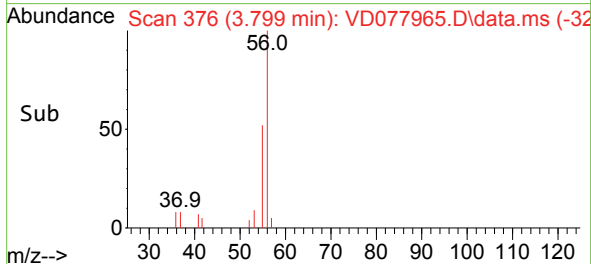


#13
Acrolein
Concen: 60.527 ug/l
RT: 3.799 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD077965.D
Acq: 19 Dec 2023 10:58

Instrument :
MSVOA_D
ClientSampleId :

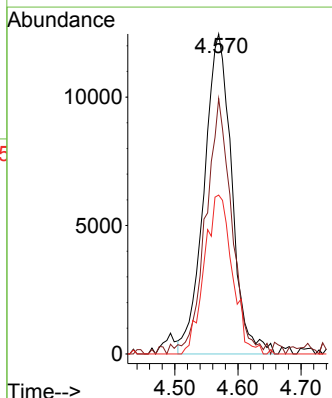
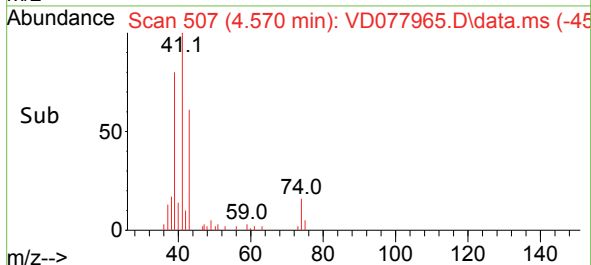
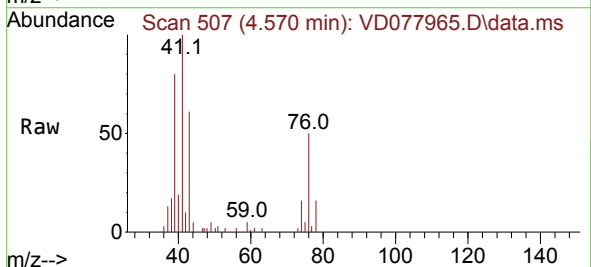


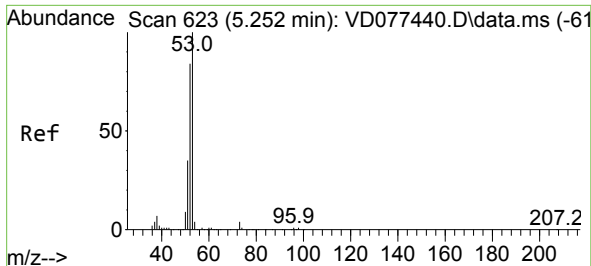
Tgt Ion: 56 Resp: 9921
Ion Ratio Lower Upper
56 100
55 70.7 55.1 82.7



#14
Allyl chloride
Concen: 17.441 ug/l
RT: 4.570 min Scan# 507
Delta R.T. 0.007 min
Lab File: VD077965.D
Acq: 19 Dec 2023 10:58

Tgt Ion: 41 Resp: 37916
Ion Ratio Lower Upper
41 100
39 75.4 53.8 80.6
76 50.3 45.8 68.8

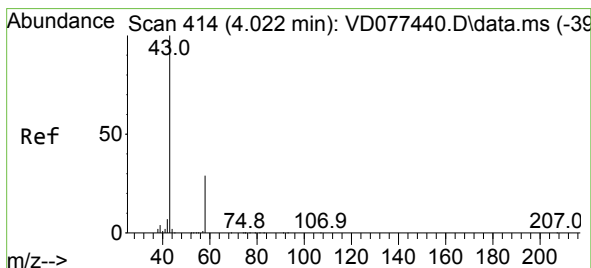
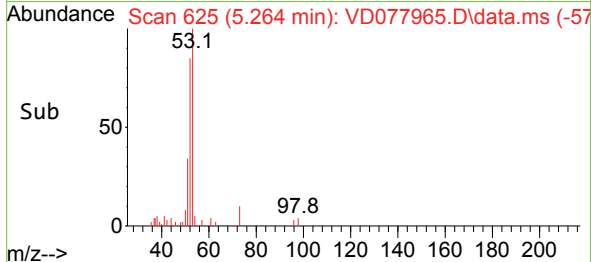
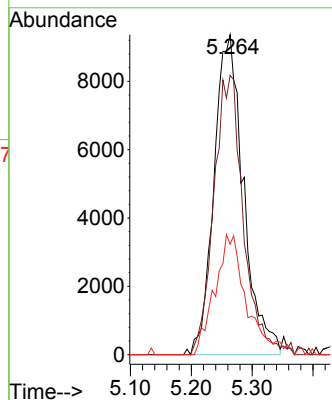
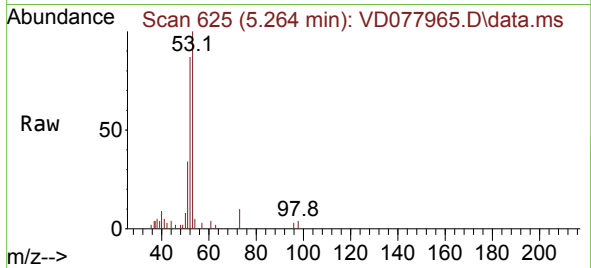




#15
Acrylonitrile
Concen: 93.630 ug/l
RT: 5.264 min Scan# 61
Delta R.T. 0.012 min
Lab File: VD077965.D
Acq: 19 Dec 2023 10:58

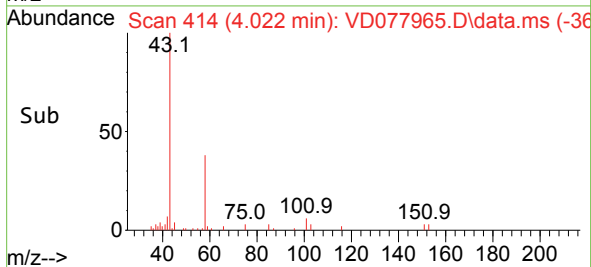
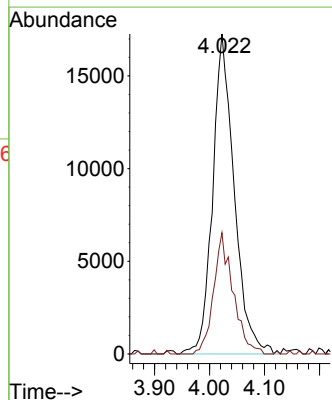
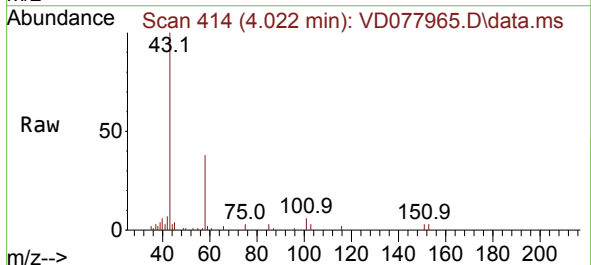
Instrument :
MSVOA_D
ClientSampleId :

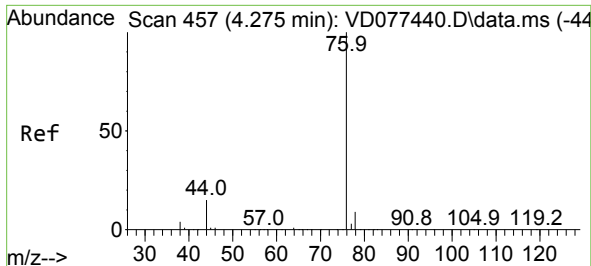
Tgt Ion: 53 Resp: 31513
Ion Ratio Lower Upper
53 100
52 87.4 65.0 97.4
51 40.4 28.3 42.5



#16
Acetone
Concen: 124.928 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD077965.D
Acq: 19 Dec 2023 10:58

Tgt Ion: 43 Resp: 47122
Ion Ratio Lower Upper
43 100
58 37.9 34.7 52.1

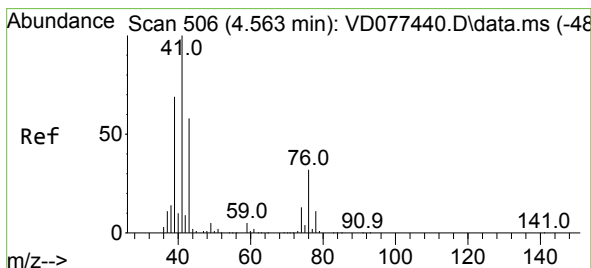
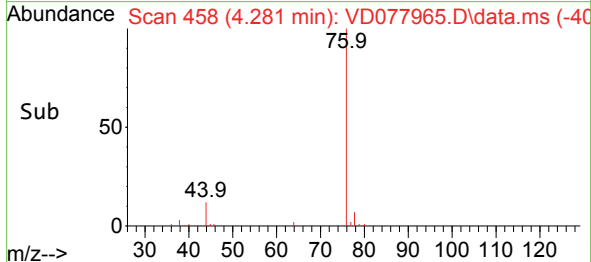
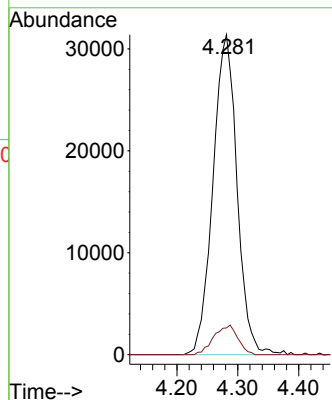
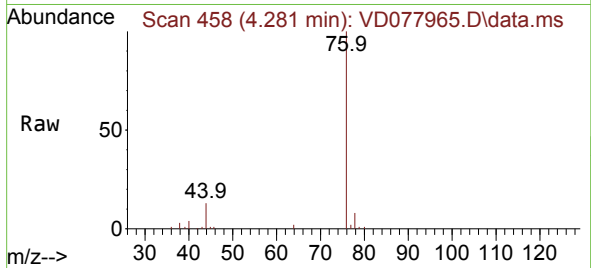




#17
Carbon Disulfide
Concen: 16.087 ug/l
RT: 4.281 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD077965.D
Acq: 19 Dec 2023 10:58

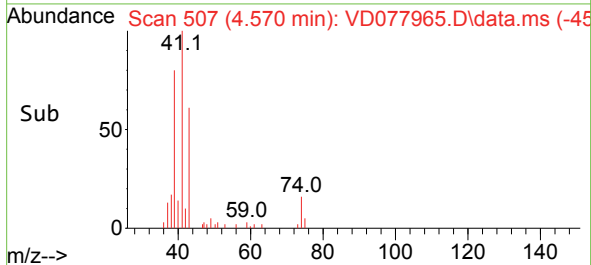
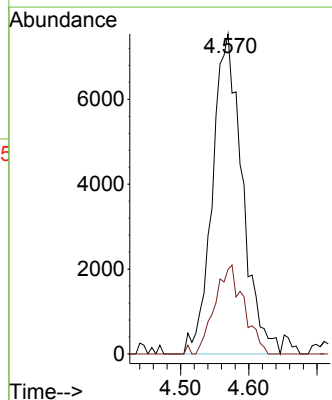
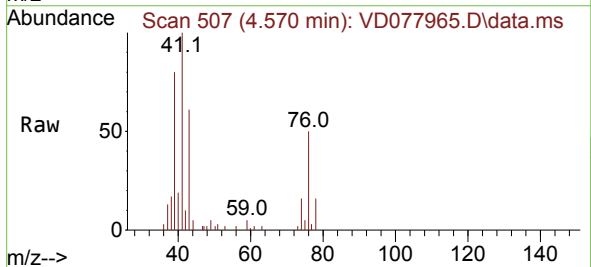
Instrument :
MSVOA_D
ClientSampleId :

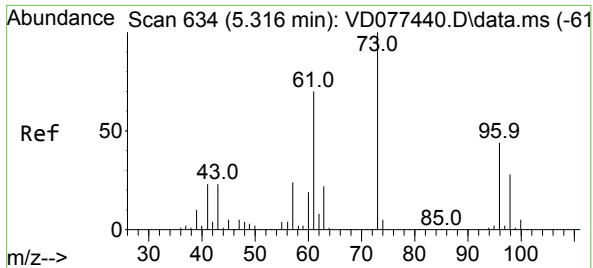
Tgt Ion: 76 Resp: 86025
Ion Ratio Lower Upper
76 100
78 8.4 6.8 10.2



#18
Methyl Acetate
Concen: 18.836 ug/l
RT: 4.570 min Scan# 507
Delta R.T. 0.007 min
Lab File: VD077965.D
Acq: 19 Dec 2023 10:58

Tgt Ion: 43 Resp: 22986
Ion Ratio Lower Upper
43 100
74 26.9 26.4 39.6

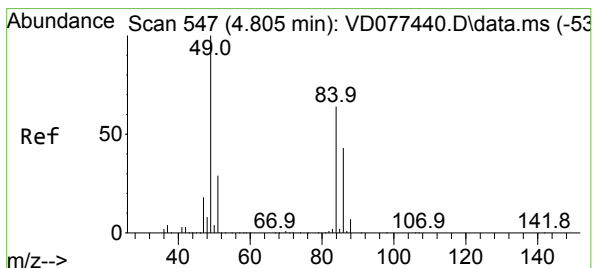
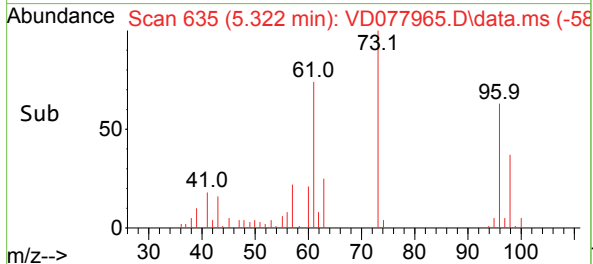
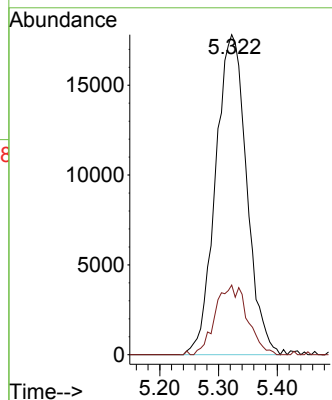
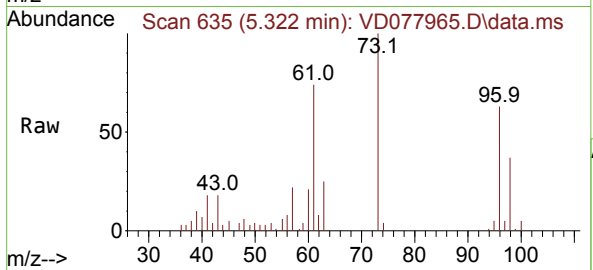




#19
Methyl tert-butyl Ether
Concen: 19.510 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077965.D
Acq: 19 Dec 2023 10:58

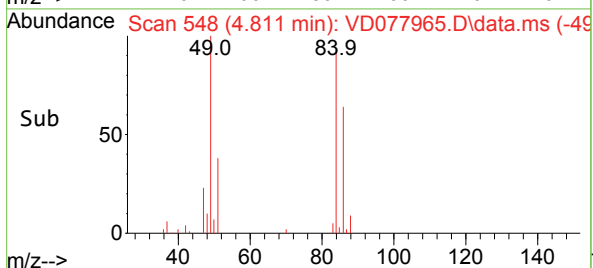
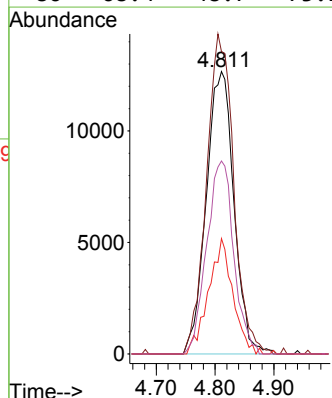
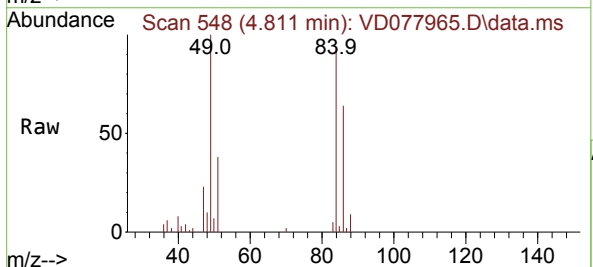
Instrument :
MSVOA_D
ClientSampleId :

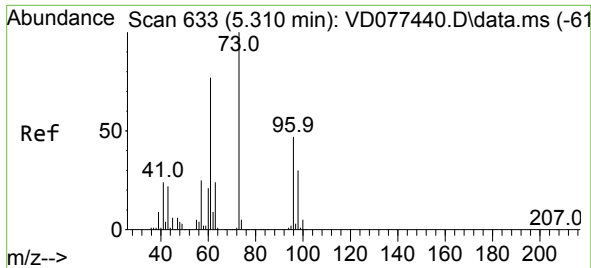
Tgt Ion: 73 Resp: 65427
Ion Ratio Lower Upper
73 100
57 21.7 16.6 25.0



#20
Methylene Chloride
Concen: 19.678 ug/l
RT: 4.811 min Scan# 548
Delta R.T. 0.006 min
Lab File: VD077965.D
Acq: 19 Dec 2023 10:58

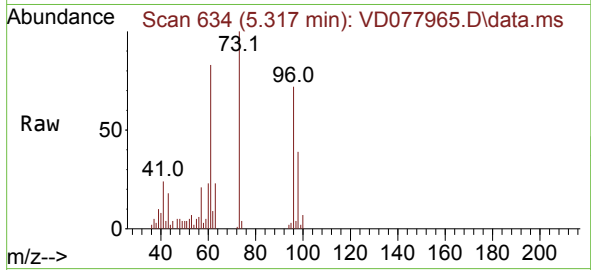
Tgt Ion: 84 Resp: 41500
Ion Ratio Lower Upper
84 100
49 107.1 71.4 107.2
51 40.9 24.5 36.7#
86 68.4 48.7 73.1



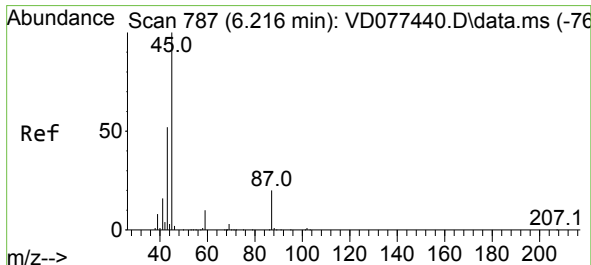
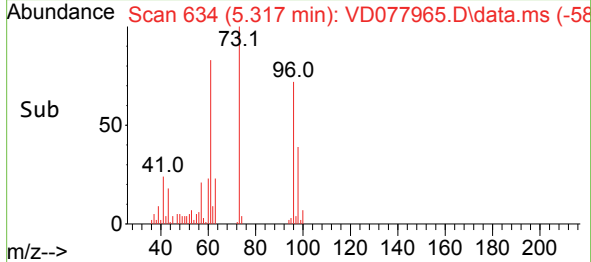
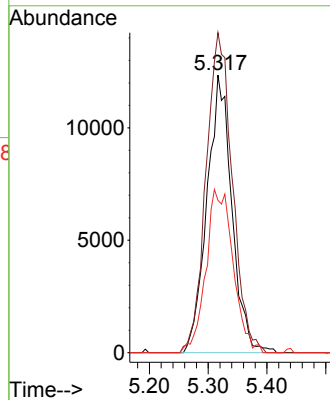


#21
trans-1,2-Dichloroethene
Concen: 20.278 ug/l
RT: 5.317 min Scan# 61
Delta R.T. 0.007 min
Lab File: VD077965.D
Acq: 19 Dec 2023 10:58

Instrument :
MSVOA_D
ClientSampleId :

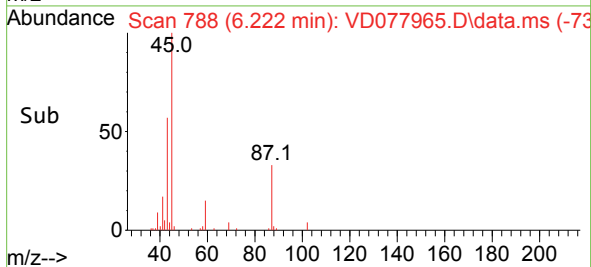
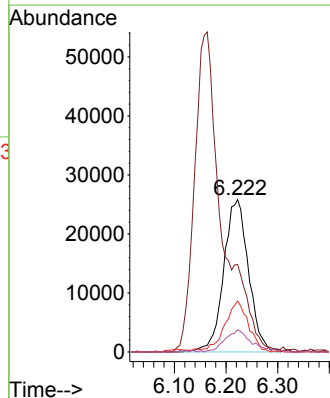
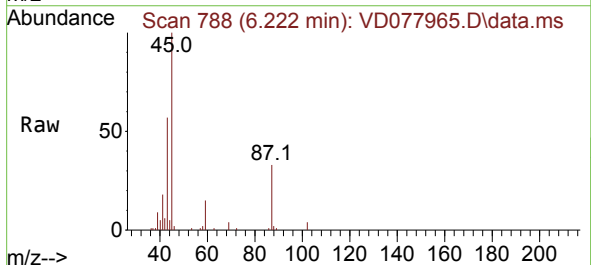


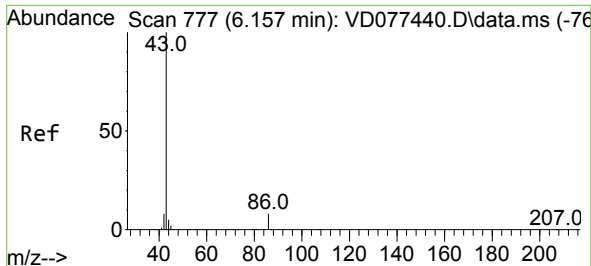
Tgt Ion: 96 Resp: 36305
Ion Ratio Lower Upper
96 100
61 115.3 89.3 133.9
98 54.9 48.6 73.0



#22
Diisopropyl ether
Concen: 18.930 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.006 min
Lab File: VD077965.D
Acq: 19 Dec 2023 10:58

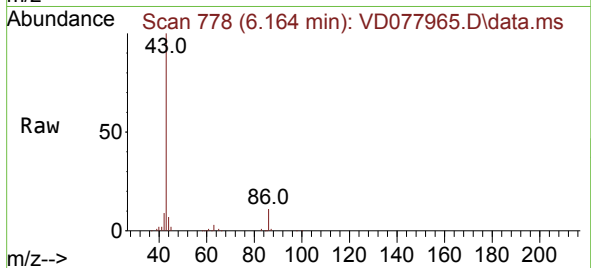
Tgt Ion: 45 Resp: 85998
Ion Ratio Lower Upper
45 100
43 55.9 40.0 60.0
87 32.5 28.2 42.4
59 13.9 11.0 16.4



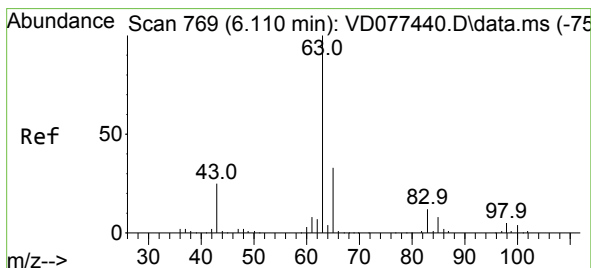
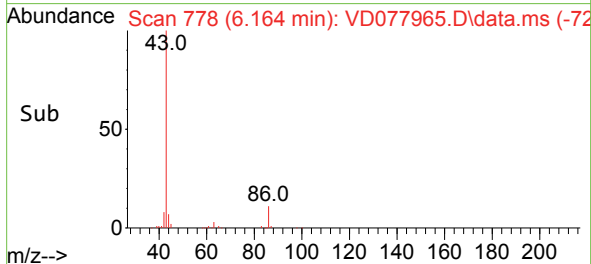
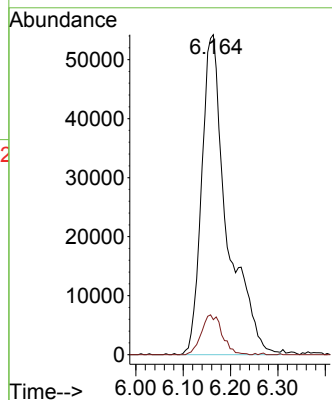


#23
 Vinyl Acetate
 Concen: 90.772 ug/l
 RT: 6.164 min Scan# 71
 Delta R.T. 0.007 min
 Lab File: VD077965.D
 Acq: 19 Dec 2023 10:58

Instrument :
 MSVOA_D
 ClientSampleId :

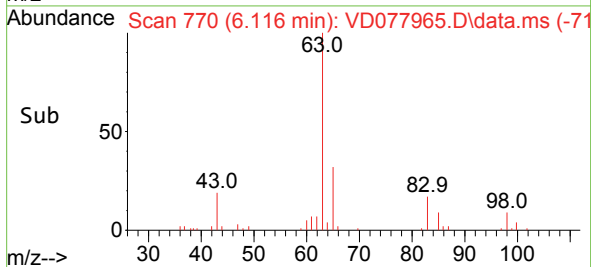
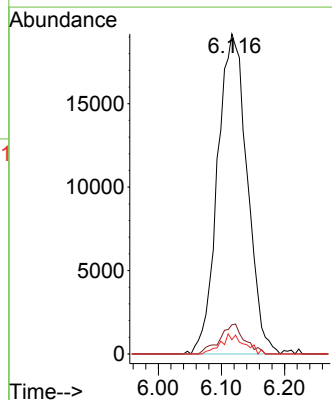
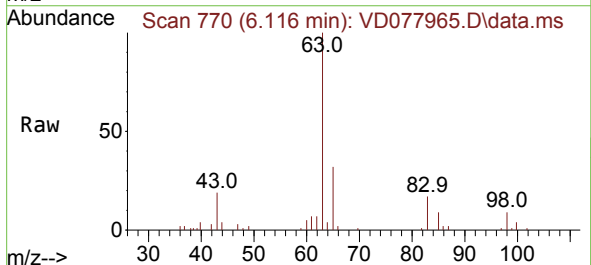


Tgt Ion: 43 Resp: 201377
 Ion Ratio Lower Upper
 43 100
 86 11.0 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 20.362 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VD077965.D
 Acq: 19 Dec 2023 10:58

Tgt Ion: 63 Resp: 62642
 Ion Ratio Lower Upper
 63 100
 98 9.1 4.5 13.7
 100 4.4 2.5 7.5





#25

2-Butanone

Concen: 110.332 ug/l

RT: 7.087 min Scan# 91

Delta R.T. 0.006 min

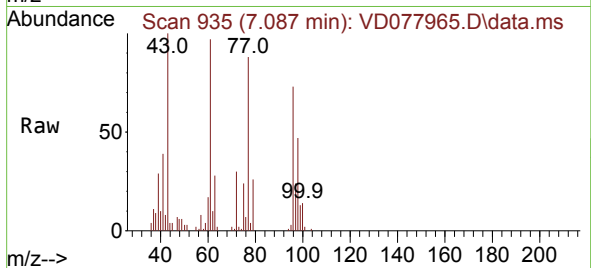
Lab File: VD077965.D

Acq: 19 Dec 2023 10:58

Instrument :

MSVOA_D

ClientSampleId :

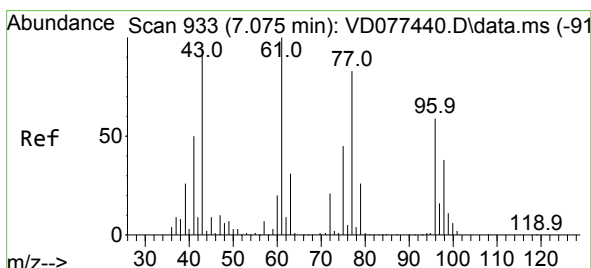
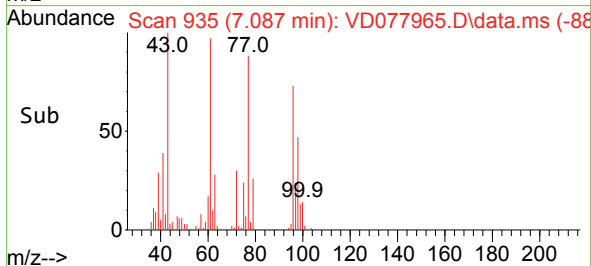
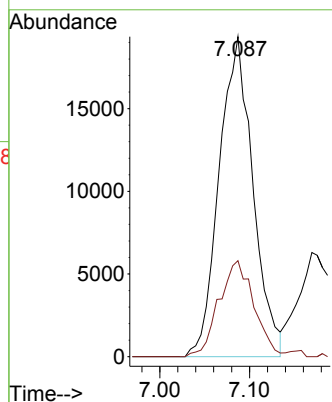


Tgt Ion: 43 Resp: 50568

Ion Ratio Lower Upper

43 100

72 30.0 30.7 46.1#



#26

2,2-Dichloropropane

Concen: 20.328 ug/l

RT: 7.075 min Scan# 933

Delta R.T. 0.000 min

Lab File: VD077965.D

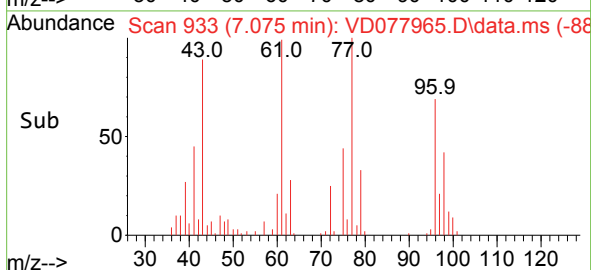
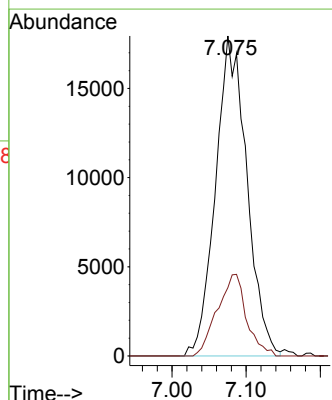
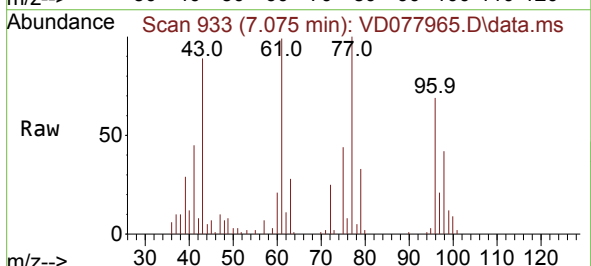
Acq: 19 Dec 2023 10:58

Tgt Ion: 77 Resp: 52507

Ion Ratio Lower Upper

77 100

97 23.7 13.2 39.6





#27

cis-1,2-Dichloroethene

Concen: 20.412 ug/l

RT: 7.087 min Scan# 91

Delta R.T. 0.006 min

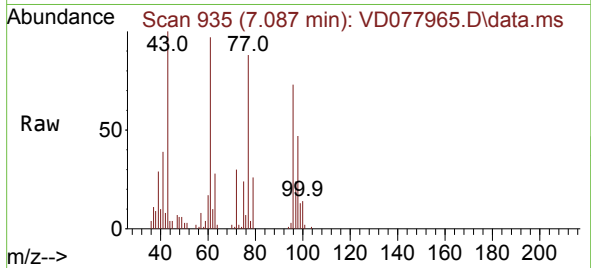
Lab File: VD077965.D

Acq: 19 Dec 2023 10:58

Instrument :

MSVOA_D

ClientSampleId :



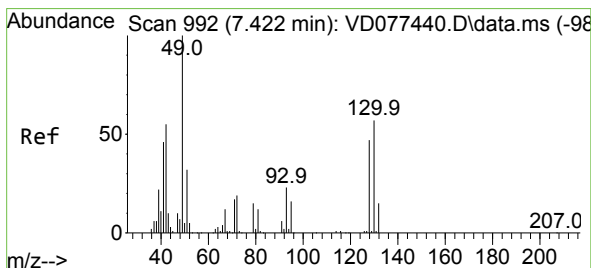
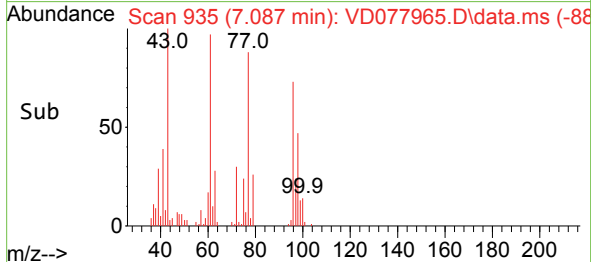
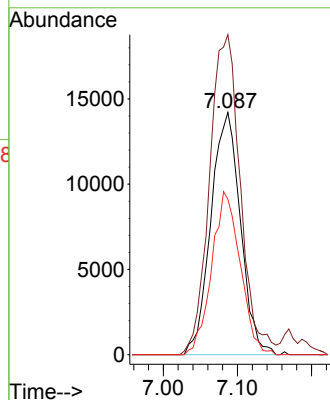
Tgt Ion: 96 Resp: 39322

Ion Ratio Lower Upper

96 100

61 137.7 0.0 239.2

98 65.0 0.0 128.6



#28

Bromochloromethane

Concen: 18.277 ug/l

RT: 7.428 min Scan# 993

Delta R.T. 0.006 min

Lab File: VD077965.D

Acq: 19 Dec 2023 10:58

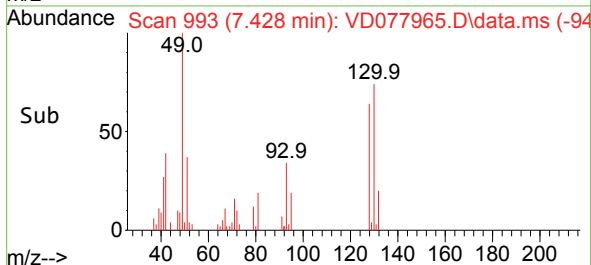
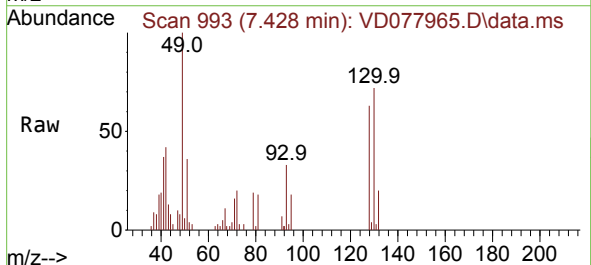
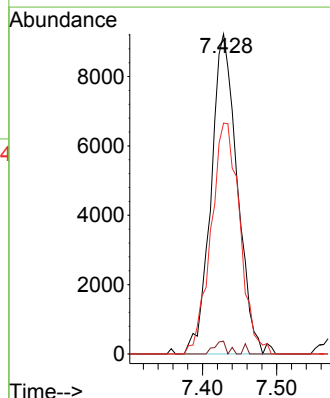
Tgt Ion: 49 Resp: 22721

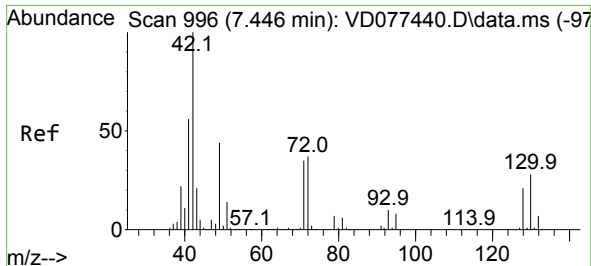
Ion Ratio Lower Upper

49 100

129 2.0 0.0 6.0

130 79.0 83.2 124.8#





#29

Tetrahydrofuran

Concen: 87.584 ug/l

RT: 7.446 min Scan# 996

Delta R.T. -0.000 min

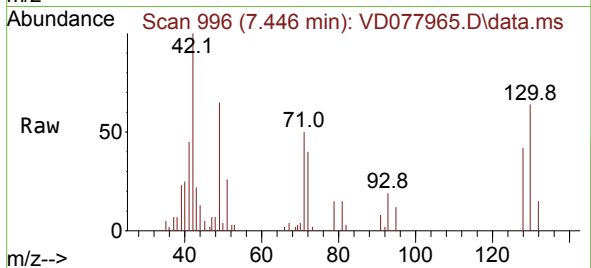
Lab File: VD077965.D

Acq: 19 Dec 2023 10:58

Instrument :

MSVOA_D

ClientSampleId :



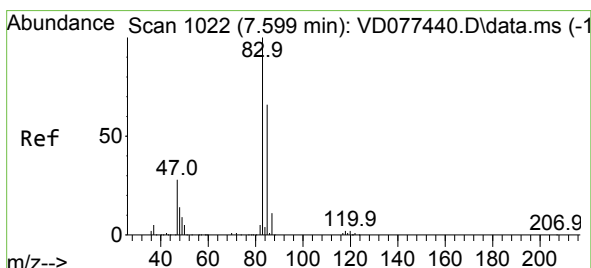
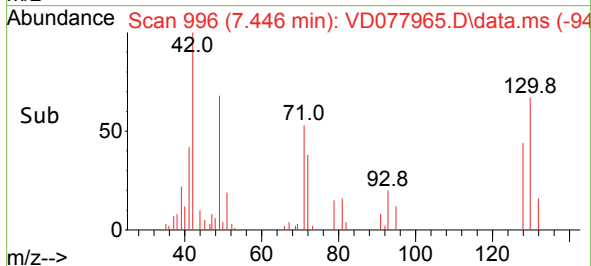
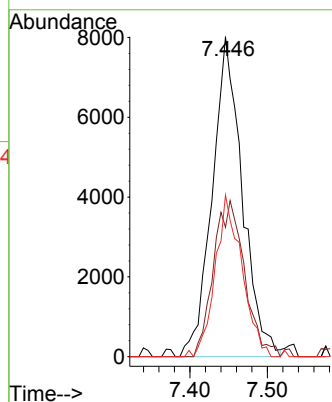
Tgt Ion: 42 Resp: 21611

Ion Ratio Lower Upper

42 100

72 50.6 46.5 69.7

71 44.6 44.5 66.7



#30

Chloroform

Concen: 20.972 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VD077965.D

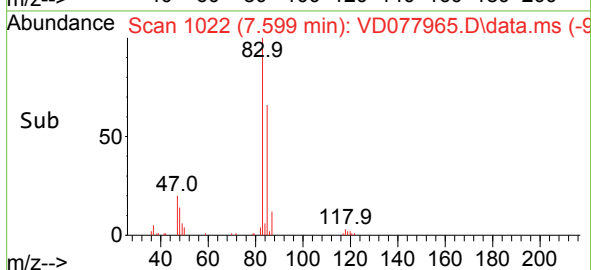
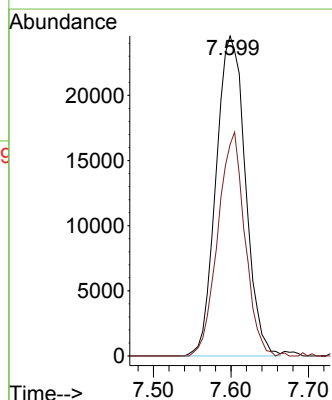
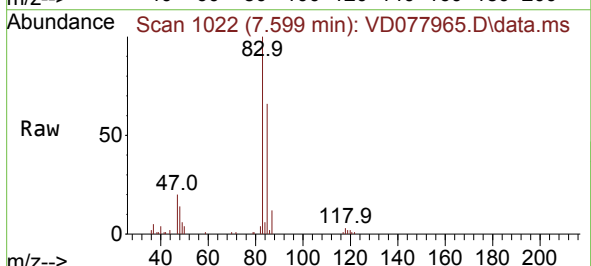
Acq: 19 Dec 2023 10:58

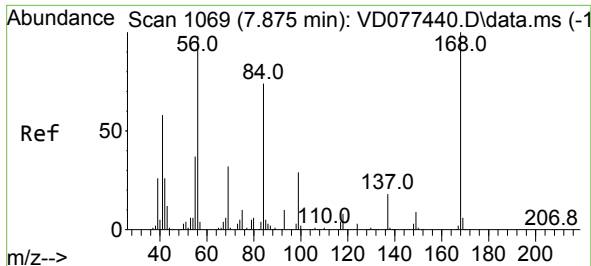
Tgt Ion: 83 Resp: 64573

Ion Ratio Lower Upper

83 100

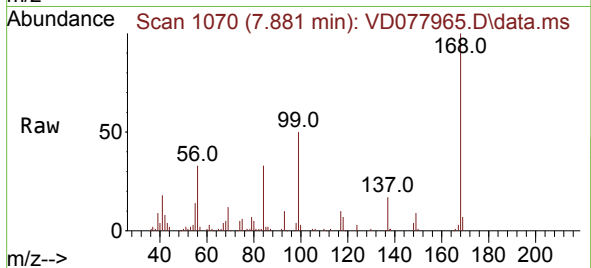
85 66.1 53.4 80.2



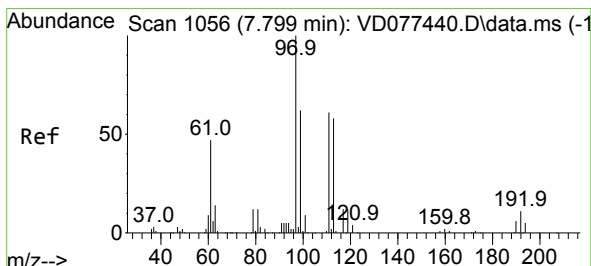
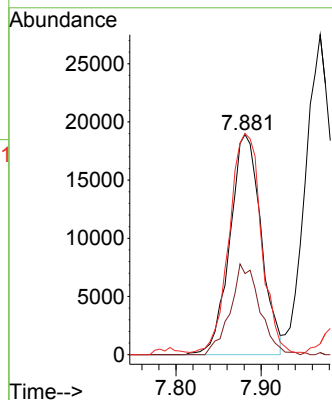
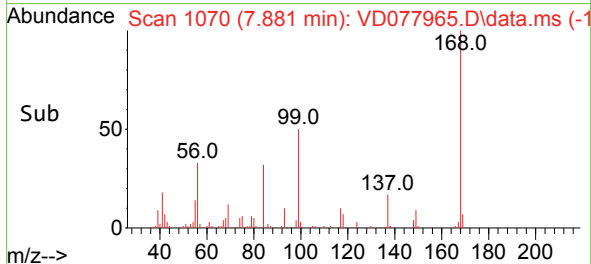


#31
Cyclohexane
Concen: 17.454 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD077965.D
Acq: 19 Dec 2023 10:58

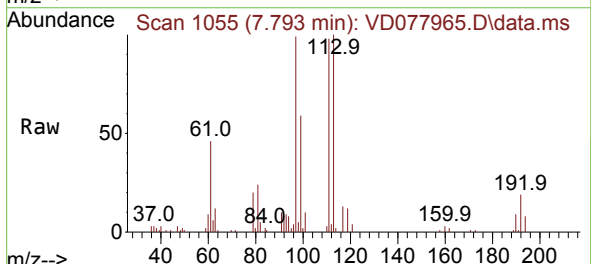
Instrument :
MSVOA_D
ClientSampleId :



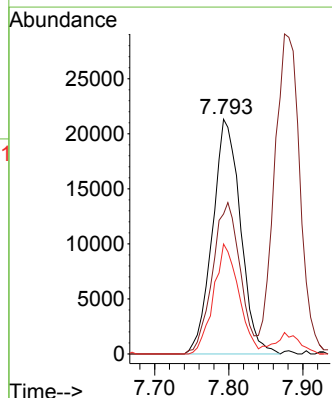
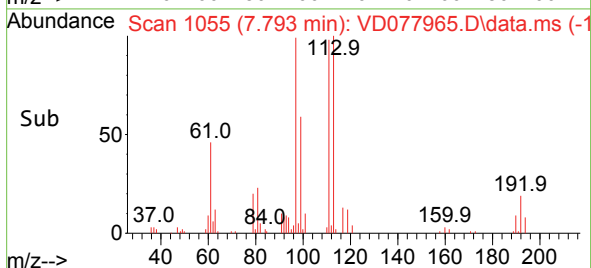
Tgt Ion: 56 Resp: 48104
Ion Ratio Lower Upper
56 100
69 36.8 28.6 43.0
84 98.9 84.8 127.2

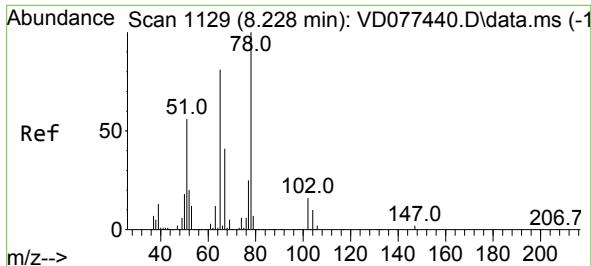


#32
1,1,1-Trichloroethane
Concen: 20.597 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VD077965.D
Acq: 19 Dec 2023 10:58



Tgt Ion: 97 Resp: 55907
Ion Ratio Lower Upper
97 100
99 63.2 52.0 78.0
61 43.3 33.8 50.8

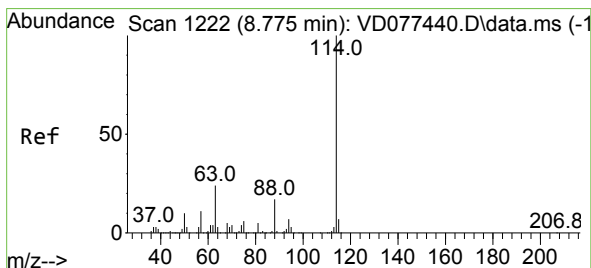
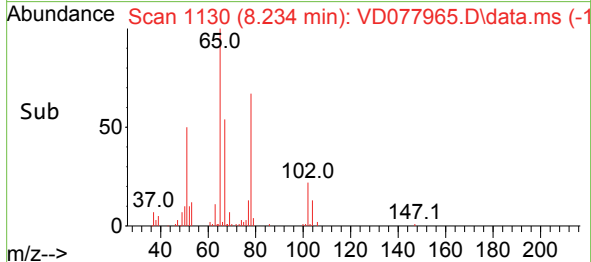
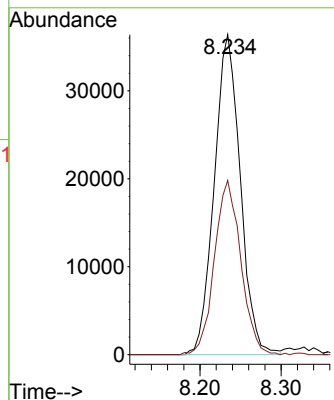
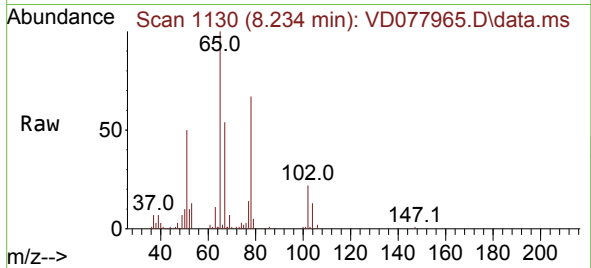




#33
 1,2-Dichloroethane-d4
 Concen: 52.388 ug/l
 RT: 8.234 min Scan# 1129
 Delta R.T. 0.006 min
 Lab File: VD077965.D
 Acq: 19 Dec 2023 10:58

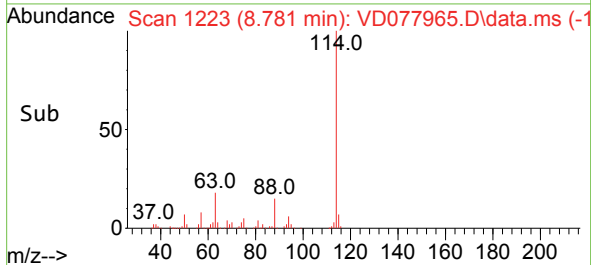
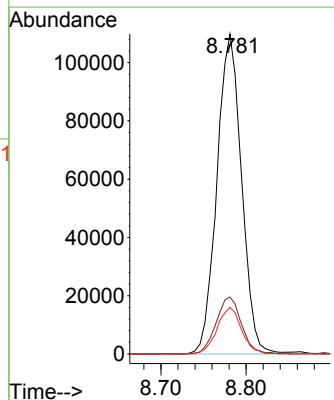
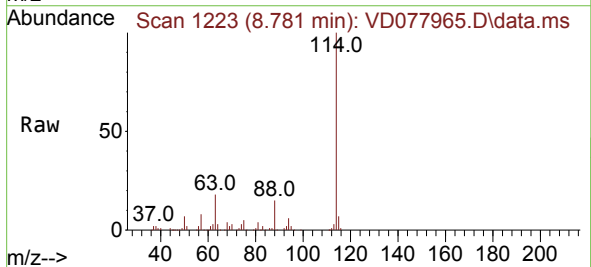
Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion: 65 Resp: 81176
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 115.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.781 min Scan# 1223
 Delta R.T. 0.006 min
 Lab File: VD077965.D
 Acq: 19 Dec 2023 10:58

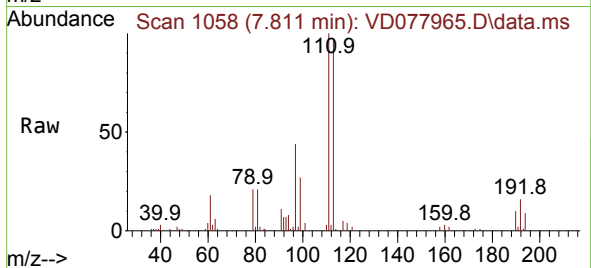
Tgt Ion: 114 Resp: 220495
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 33.4
 88 14.5 0.0 26.2



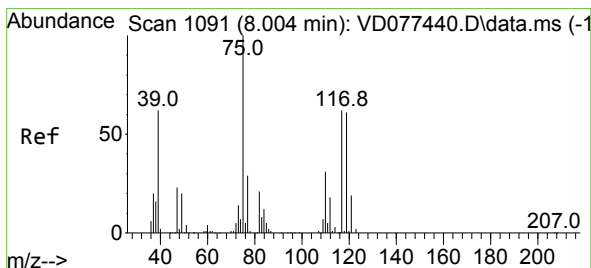
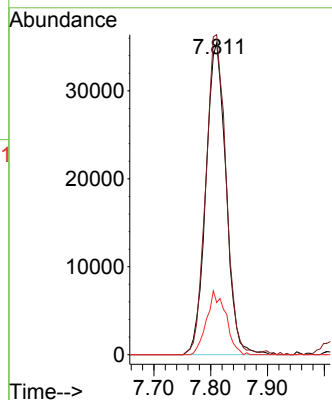
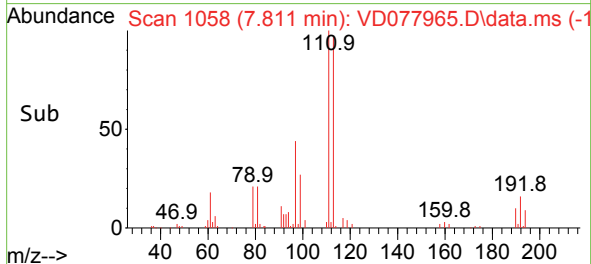


#35
Dibromofluoromethane
Concen: 56.479 ug/l
RT: 7.811 min Scan# 1058
Delta R.T. 0.007 min
Lab File: VD077965.D
Acq: 19 Dec 2023 10:58

Instrument :
MSVOA_D
ClientSampleId :

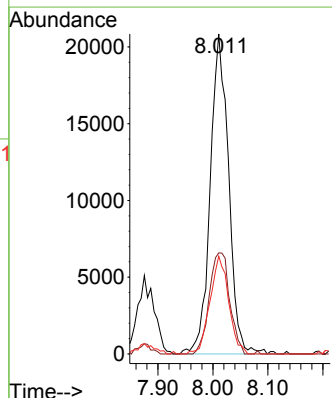
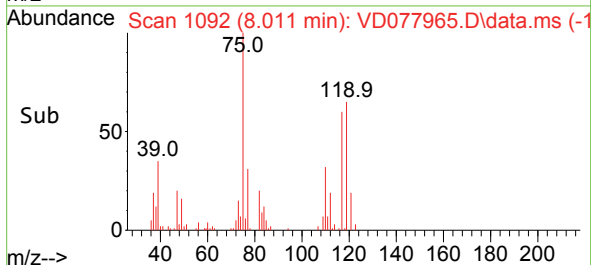
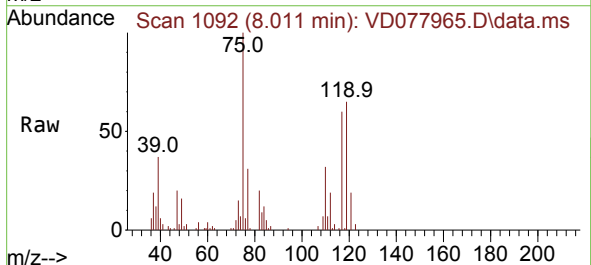


Tgt Ion:113 Resp: 87232
Ion Ratio Lower Upper
113 100
111 102.7 84.7 127.1
192 19.6 16.8 25.2



#36
1,1-Dichloropropene
Concen: 19.622 ug/l
RT: 8.011 min Scan# 1092
Delta R.T. 0.007 min
Lab File: VD077965.D
Acq: 19 Dec 2023 10:58

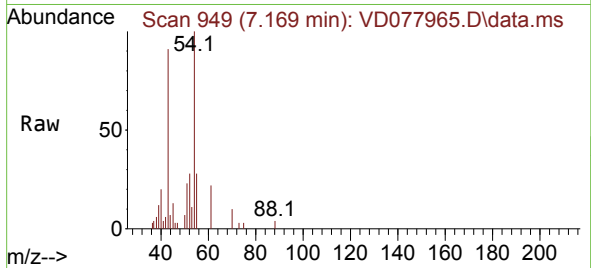
Tgt Ion: 75 Resp: 48476
Ion Ratio Lower Upper
75 100
110 35.1 19.9 59.6
77 31.1 24.7 37.1



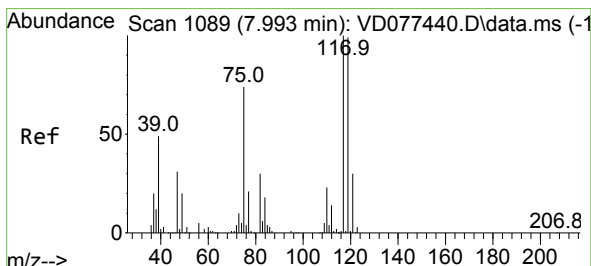
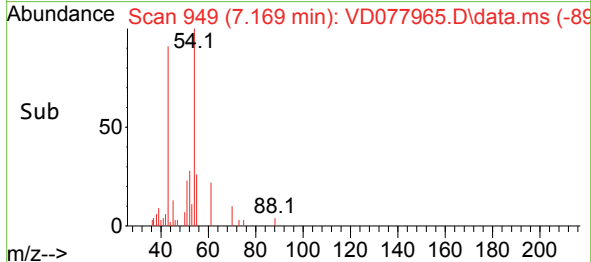
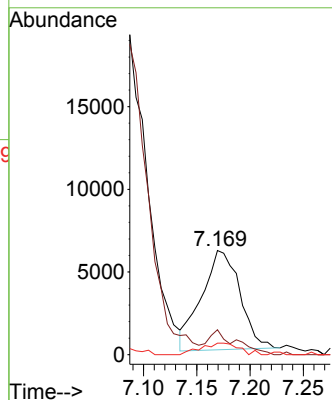


#37
Ethyl Acetate
Concen: 15.619 ug/l
RT: 7.169 min Scan# 949
Delta R.T. 0.000 min
Lab File: VD077965.D
Acq: 19 Dec 2023 10:58

Instrument :
MSVOA_D
ClientSampleId :

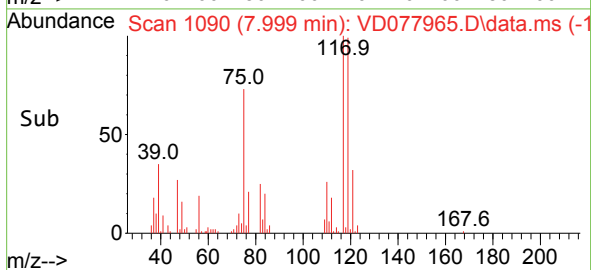
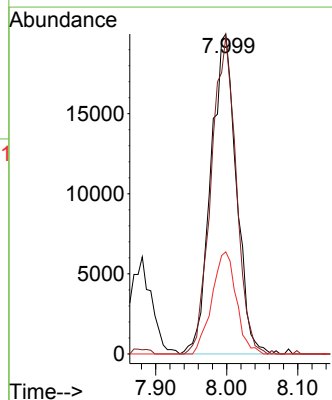
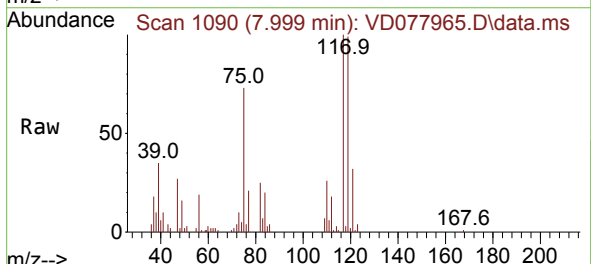


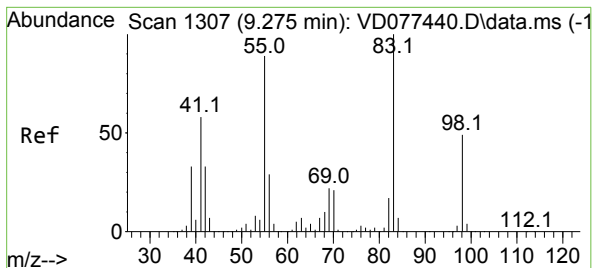
Tgt Ion:	43	Resp:	15046
Ion	Ratio	Lower	Upper
43	100		
61	18.3	14.9	22.3
70	11.6	10.0	15.0



#38
Carbon Tetrachloride
Concen: 20.275 ug/l
RT: 7.999 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD077965.D
Acq: 19 Dec 2023 10:58

Tgt Ion:	117	Resp:	49936
Ion	Ratio	Lower	Upper
117	100		
119	99.2	78.0	117.0
121	31.9	24.2	36.2





#39

Methylcyclohexane

Concen: 19.211 ug/l

RT: 9.275 min Scan# 1137

Delta R.T. 0.000 min

Lab File: VD077965.D

Acq: 19 Dec 2023 10:58

Instrument :

MSVOA_D

ClientSampleId :

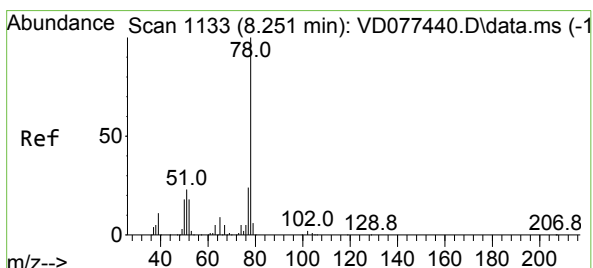
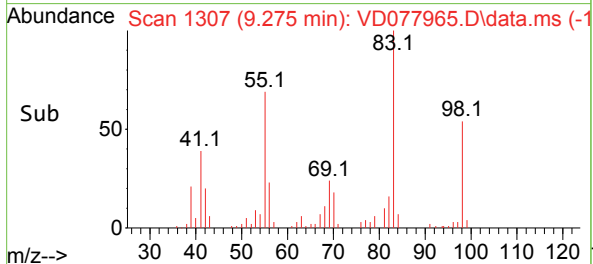
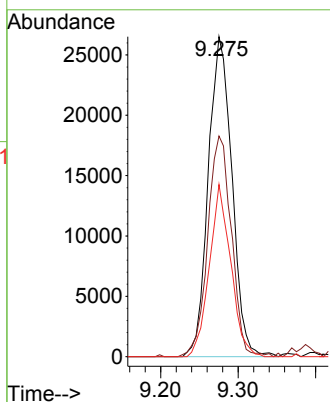
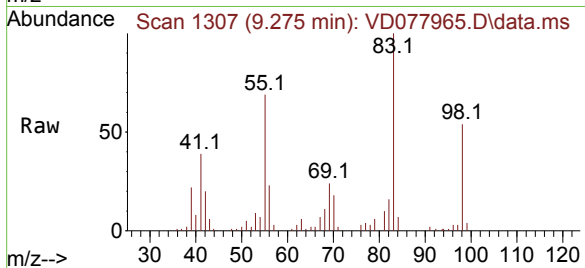
Tgt Ion: 83 Resp: 56264

Ion Ratio Lower Upper

83 100

55 68.9 49.4 74.0

98 53.8 38.4 57.6



#40

Benzene

Concen: 19.730 ug/l

RT: 8.258 min Scan# 1134

Delta R.T. 0.007 min

Lab File: VD077965.D

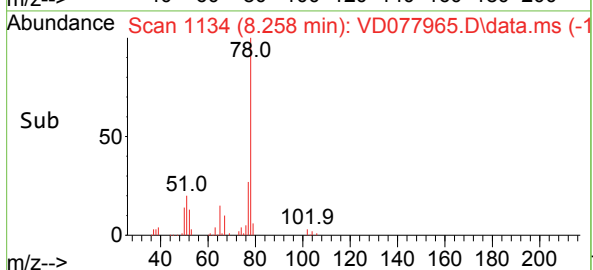
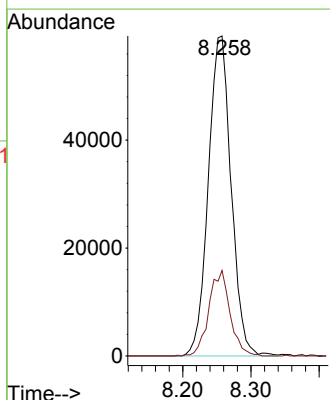
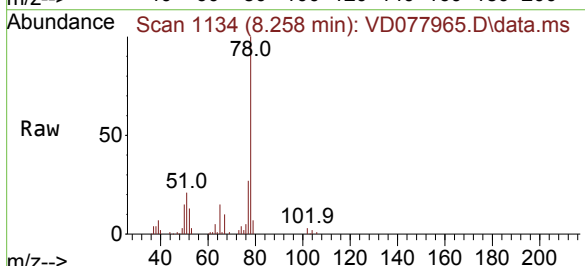
Acq: 19 Dec 2023 10:58

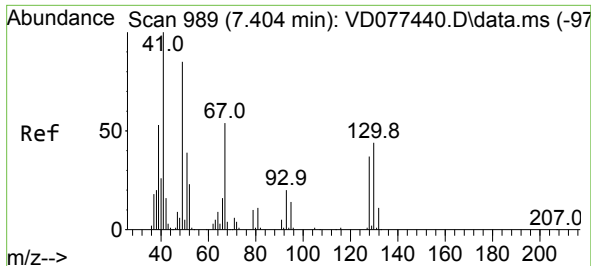
Tgt Ion: 78 Resp: 138346

Ion Ratio Lower Upper

78 100

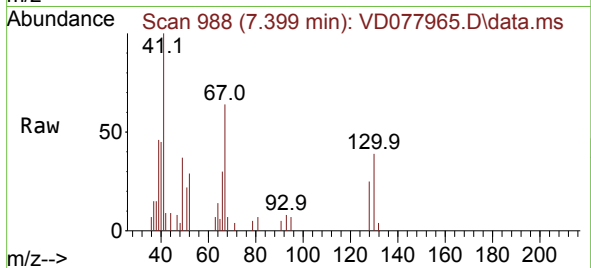
77 26.7 19.4 29.0



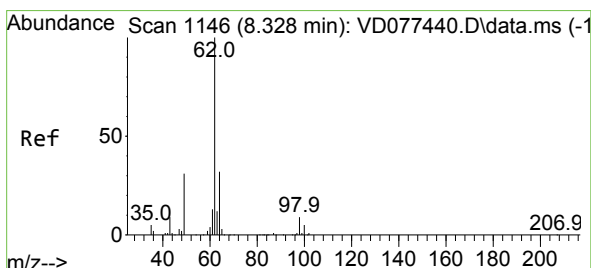
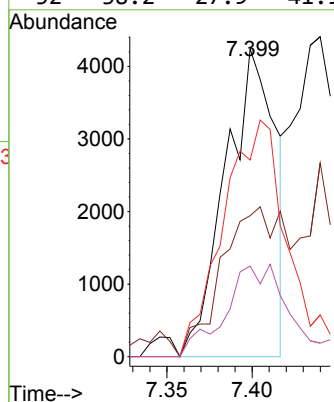
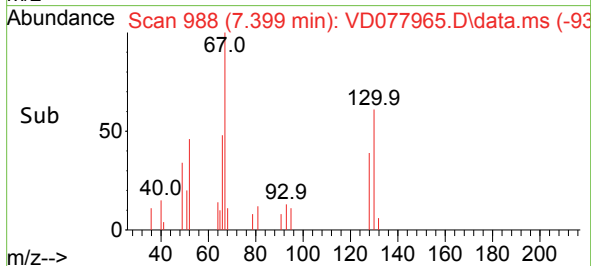


#41
Methacrylonitrile
Concen: 17.690 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.005 min
Lab File: VD077965.D
Acq: 19 Dec 2023 10:58

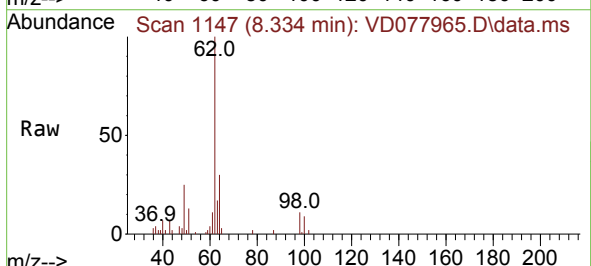
Instrument :
MSVOA_D
ClientSampleId :



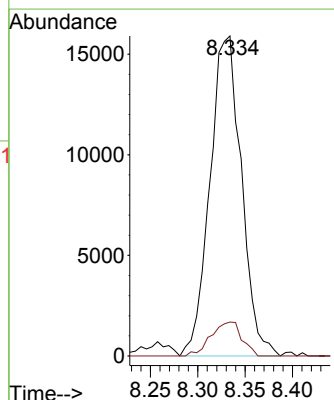
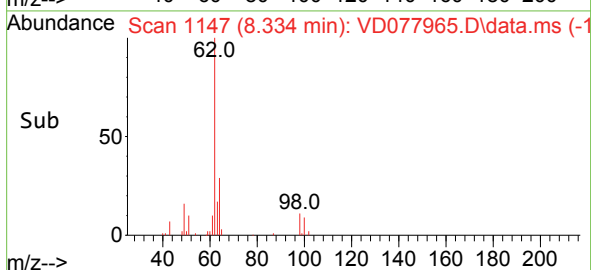
Tgt Ion: 41 Resp: 8661
Ion Ratio Lower Upper
41 100
39 61.7 34.0 51.0#
67 96.9 77.0 115.4
52 38.2 27.9 41.9

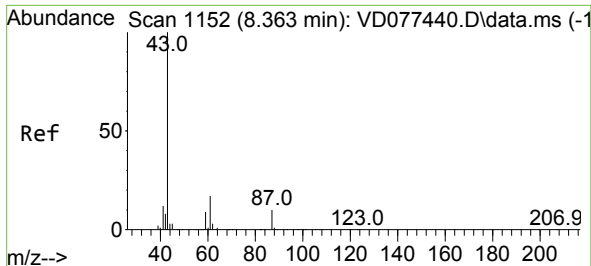


#42
1,2-Dichloroethane
Concen: 20.281 ug/l
RT: 8.334 min Scan# 1147
Delta R.T. 0.006 min
Lab File: VD077965.D
Acq: 19 Dec 2023 10:58



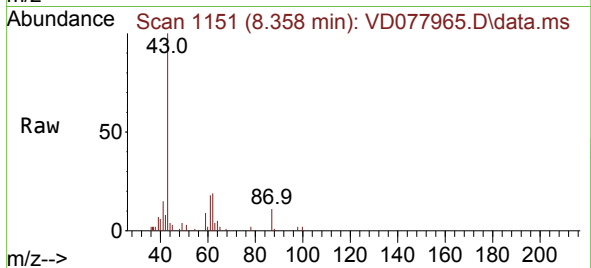
Tgt Ion: 62 Resp: 36861
Ion Ratio Lower Upper
62 100
98 10.4 0.0 25.4



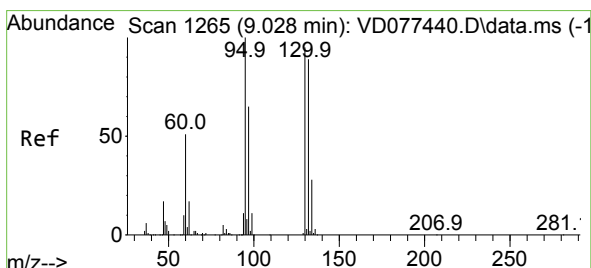
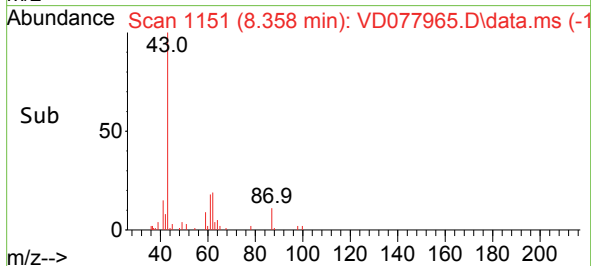
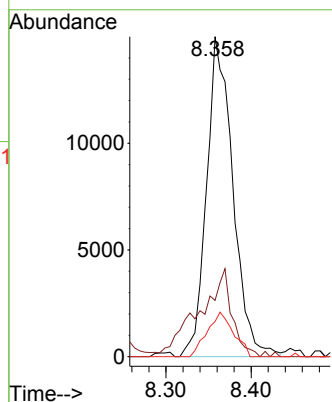


#43
Isopropyl Acetate
Concen: 18.784 ug/l
RT: 8.358 min Scan# 1151
Delta R.T. -0.005 min
Lab File: VD077965.D
Acq: 19 Dec 2023 10:58

Instrument :
MSVOA_D
ClientSampleId :

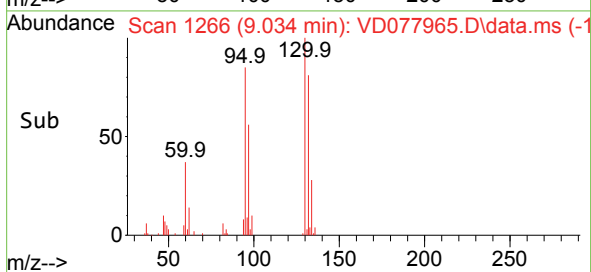
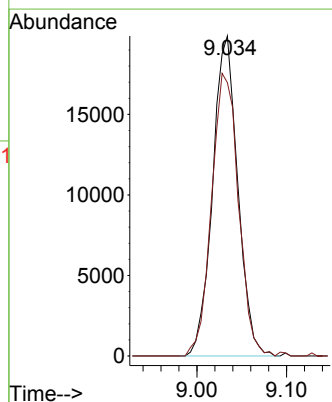
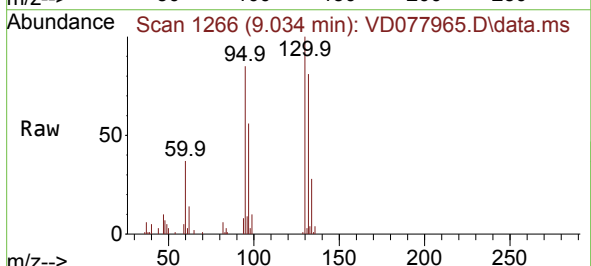


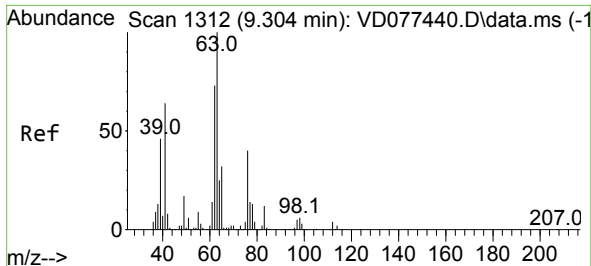
Tgt Ion: 43 Resp: 32165
Ion Ratio Lower Upper
43 100
61 34.7 31.4 47.0
87 13.8 14.9 22.3#



#44
Trichloroethene
Concen: 21.173 ug/l
RT: 9.034 min Scan# 1266
Delta R.T. 0.006 min
Lab File: VD077965.D
Acq: 19 Dec 2023 10:58

Tgt Ion:130 Resp: 38689
Ion Ratio Lower Upper
130 100
95 85.4 0.0 179.2





#45

1,2-Dichloropropane

Concen: 20.630 ug/l

RT: 9.310 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD077965.D

Acq: 19 Dec 2023 10:58

Instrument :

MSVOA_D

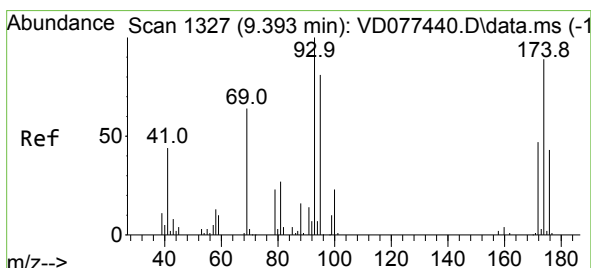
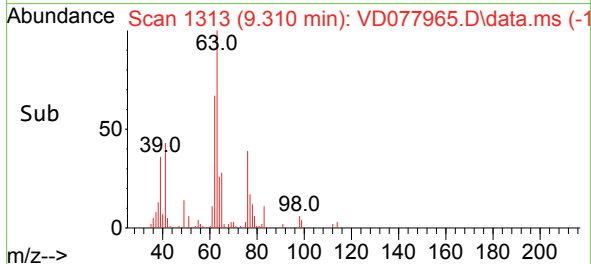
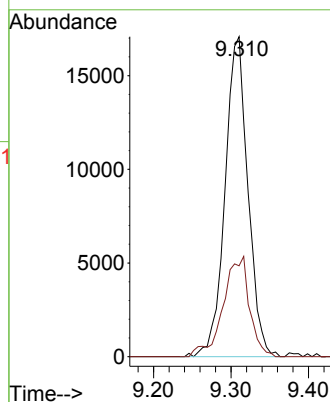
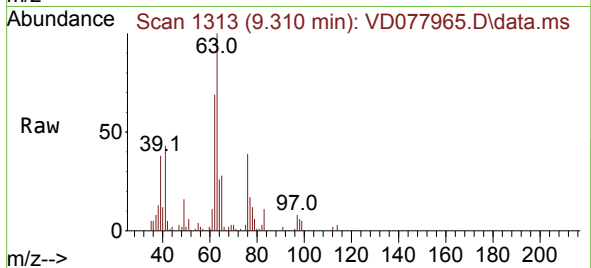
ClientSampleId :

Tgt Ion: 63 Resp: 35165

Ion Ratio Lower Upper

63 100

65 28.4 24.5 36.7



#46

Dibromomethane

Concen: 21.033 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD077965.D

Acq: 19 Dec 2023 10:58

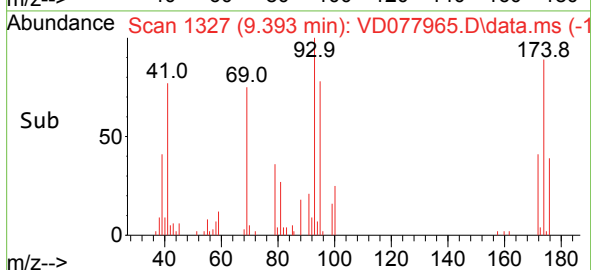
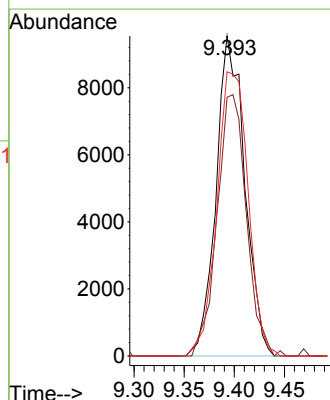
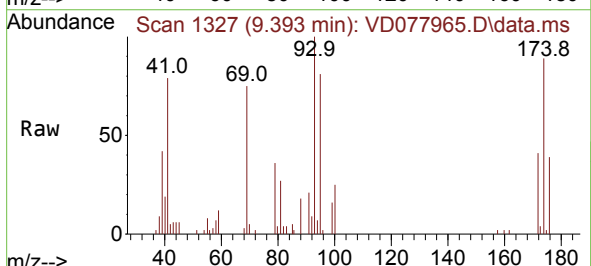
Tgt Ion: 93 Resp: 18970

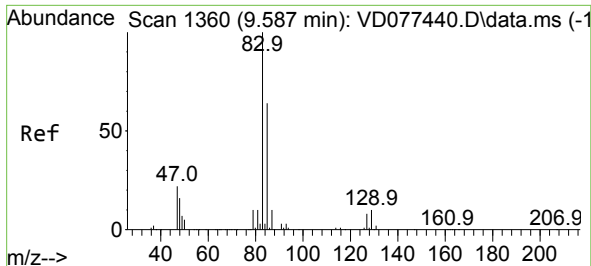
Ion Ratio Lower Upper

93 100

95 83.7 67.7 101.5

174 96.7 85.4 128.2

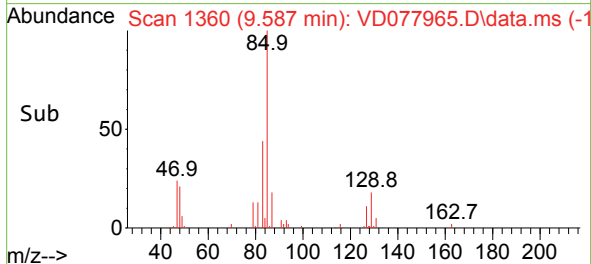
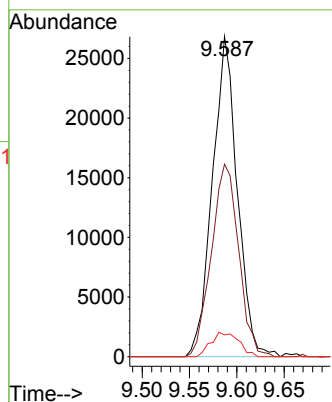
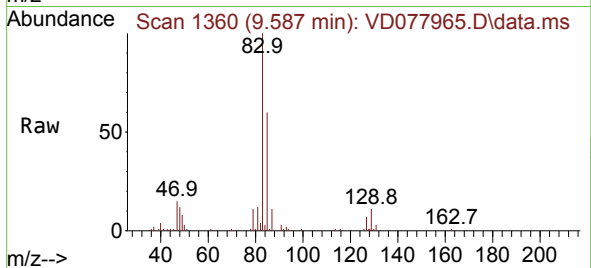




#47
Bromodichloromethane
Concen: 21.463 ug/l
RT: 9.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077965.D
Acq: 19 Dec 2023 10:58

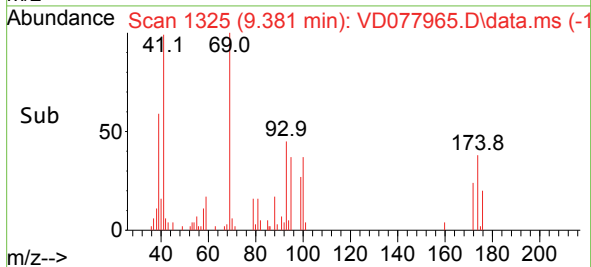
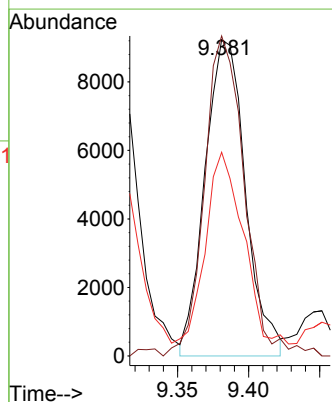
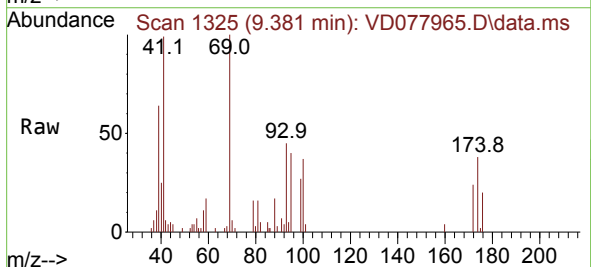
Instrument :
MSVOA_D
ClientSampleId :

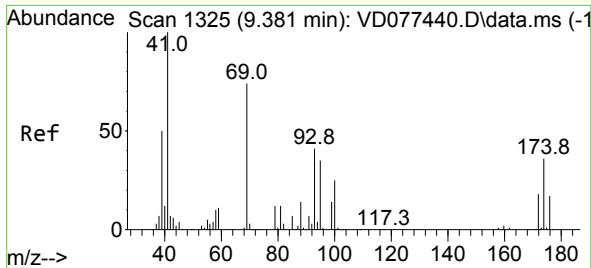
Tgt Ion: 83 Resp: 49065
Ion Ratio Lower Upper
83 100
85 60.2 50.2 75.4
127 6.8 6.3 9.5



#48
Methyl methacrylate
Concen: 18.805 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD077965.D
Acq: 19 Dec 2023 10:58

Tgt Ion: 41 Resp: 18305
Ion Ratio Lower Upper
41 100
69 100.0 102.2 153.2#
39 60.5 41.4 62.2

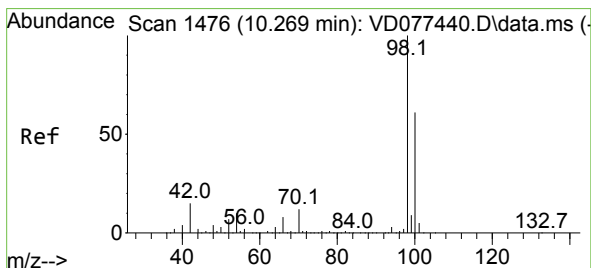
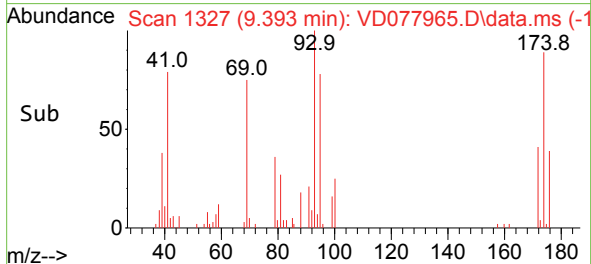
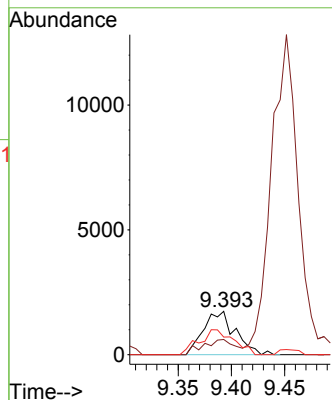
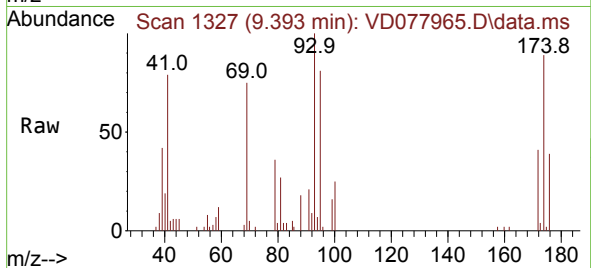




#49
1,4-Dioxane
Concen: 401.426 ug/l
RT: 9.393 min Scan# 1327
Delta R.T. 0.012 min
Lab File: VD077965.D
Acq: 19 Dec 2023 10:58

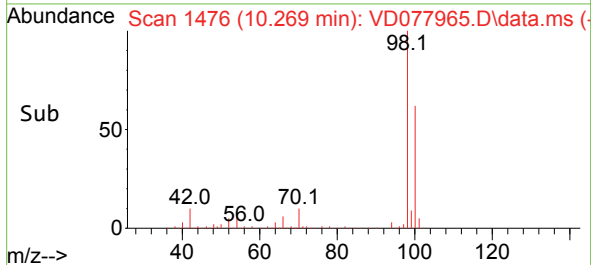
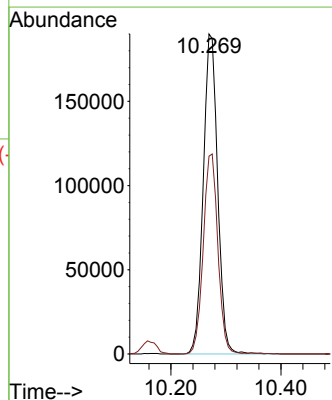
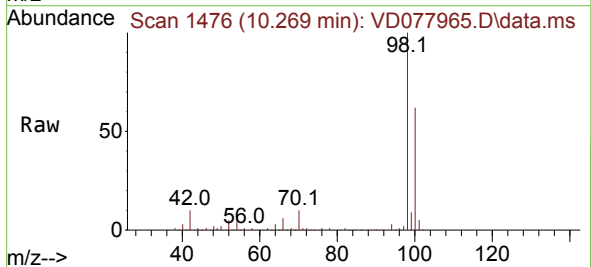
Instrument :
MSVOA_D
ClientSampleId :

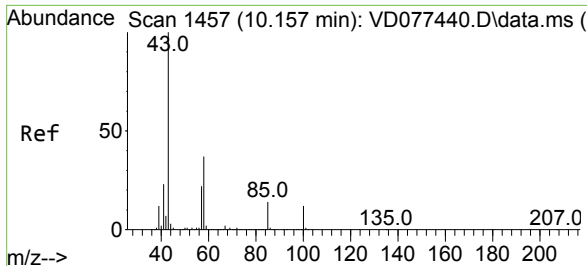
Tgt Ion: 88 Resp: 3595
Ion Ratio Lower Upper
88 100
43 35.2 19.0 28.6#
58 62.2 43.5 65.3



#50
Toluene-d8
Concen: 55.856 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077965.D
Acq: 19 Dec 2023 10:58

Tgt Ion: 98 Resp: 345520
Ion Ratio Lower Upper
98 100
100 63.4 50.3 75.5

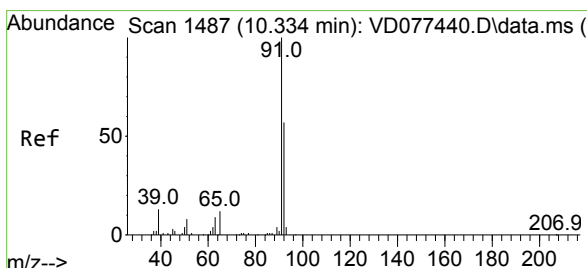
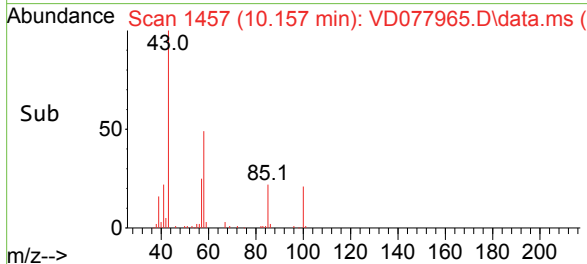
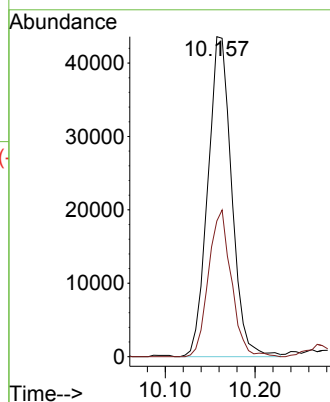
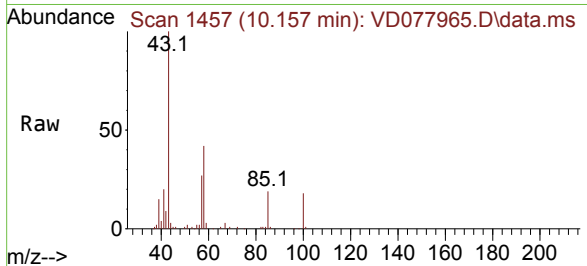




#51
4-Methyl-2-Pentanone
Concen: 92.013 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077965.D
Acq: 19 Dec 2023 10:58

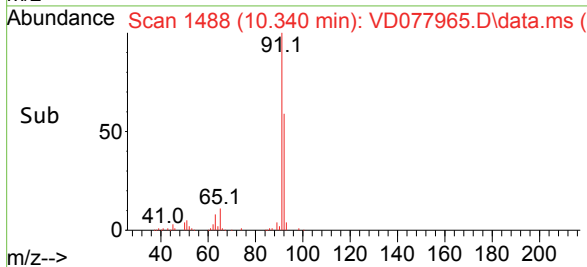
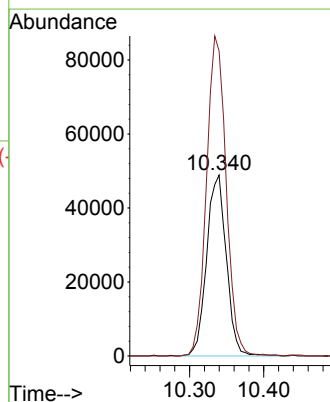
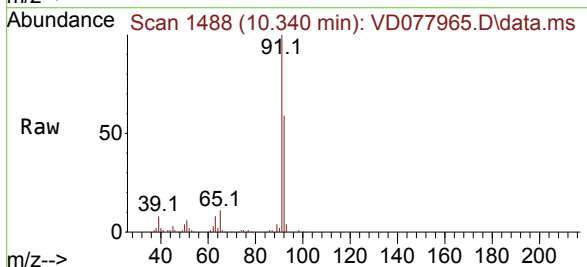
Instrument :
MSVOA_D
ClientSampleId :

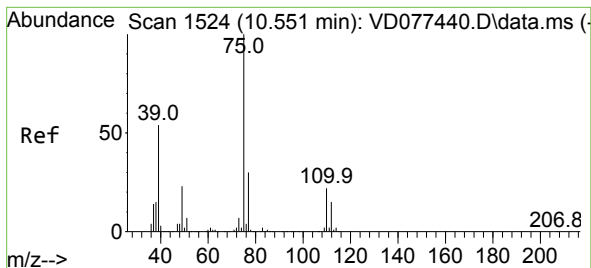
Tgt Ion: 43 Resp: 80414
Ion Ratio Lower Upper
43 100
58 43.8 38.9 58.3



#52
Toluene
Concen: 20.741 ug/l
RT: 10.340 min Scan# 1488
Delta R.T. 0.006 min
Lab File: VD077965.D
Acq: 19 Dec 2023 10:58

Tgt Ion: 92 Resp: 90212
Ion Ratio Lower Upper
92 100
91 176.7 143.0 214.4

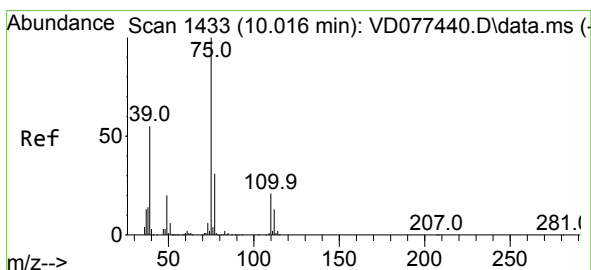
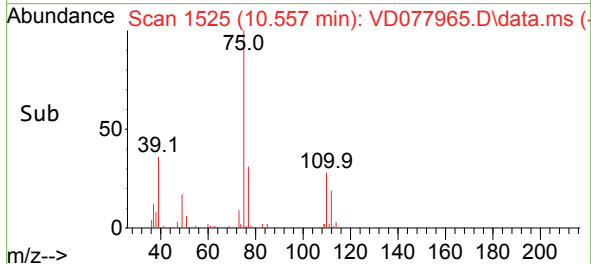
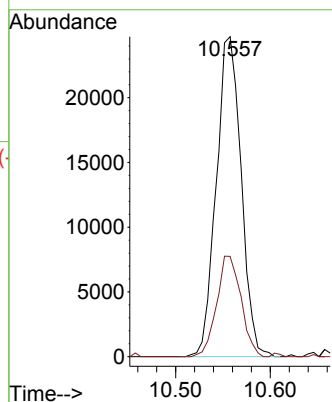
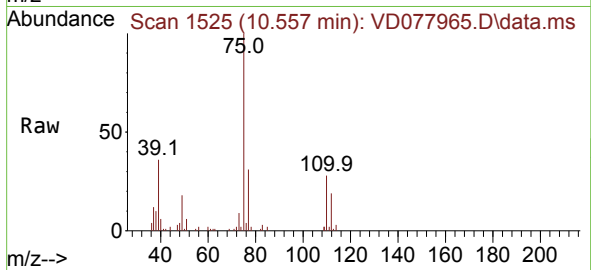




#53
 t-1,3-Dichloropropene
 Concen: 20.555 ug/l
 RT: 10.557 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VD077965.D
 Acq: 19 Dec 2023 10:58

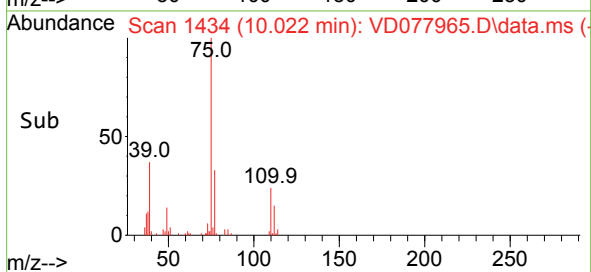
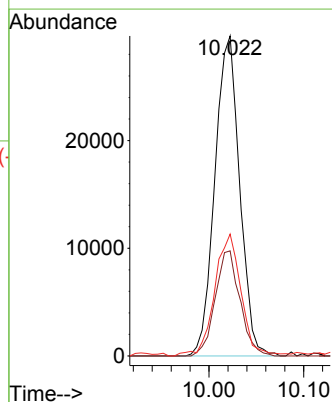
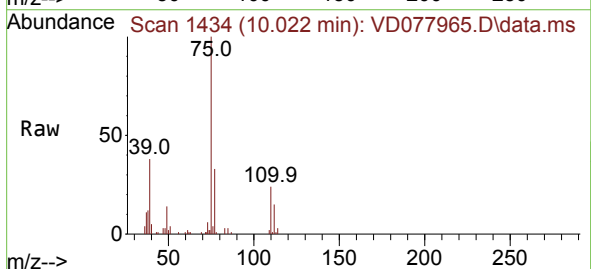
Instrument :
 MSVOA_D
 ClientSampleId :

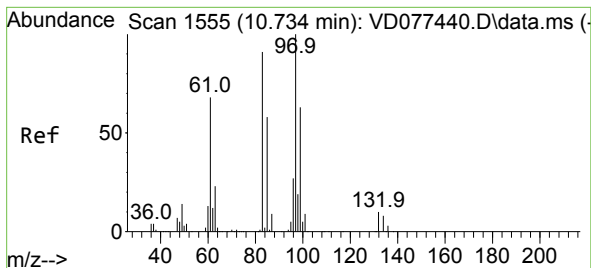
Tgt Ion: 75 Resp: 45124
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 20.365 ug/l
 RT: 10.022 min Scan# 1434
 Delta R.T. 0.006 min
 Lab File: VD077965.D
 Acq: 19 Dec 2023 10:58

Tgt Ion: 75 Resp: 54051
 Ion Ratio Lower Upper
 75 100
 77 32.9 25.5 38.3
 39 37.4 22.1 33.1#





#55

1,1,2-Trichloroethane

Concen: 21.202 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. -0.000 min

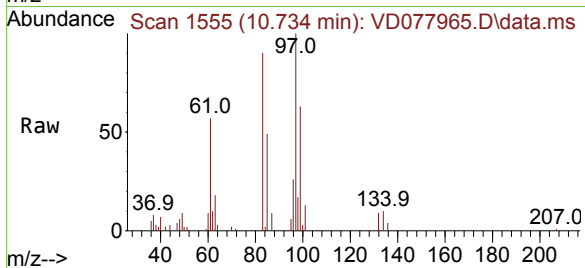
Lab File: VD077965.D

Acq: 19 Dec 2023 10:58

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 97 Resp: 26156

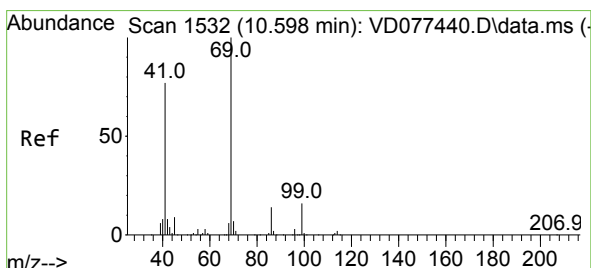
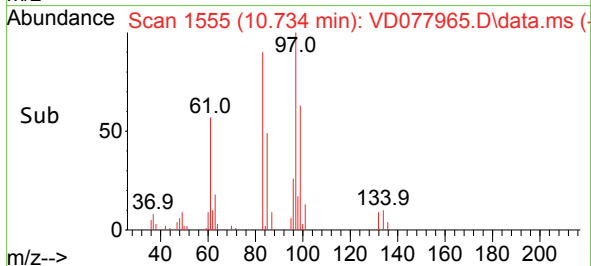
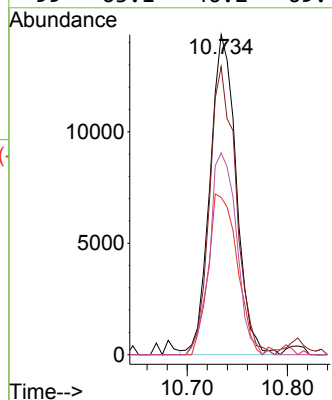
Ion Ratio Lower Upper

97 100

83 90.0 65.8 98.6

85 49.2 45.7 68.5

99 63.1 46.2 69.4



#56

Ethyl methacrylate

Concen: 19.548 ug/l

RT: 10.604 min Scan# 1533

Delta R.T. 0.006 min

Lab File: VD077965.D

Acq: 19 Dec 2023 10:58

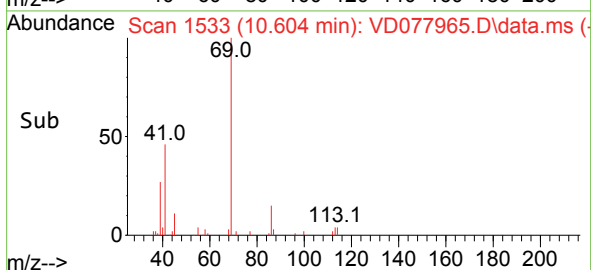
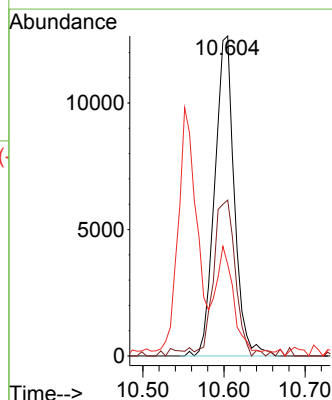
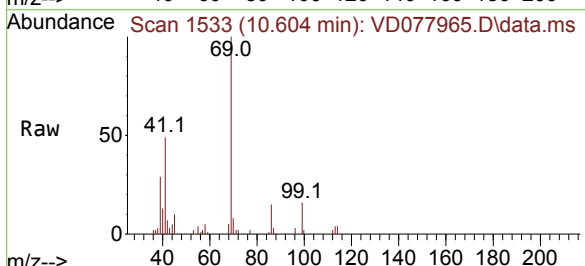
Tgt Ion: 69 Resp: 21259

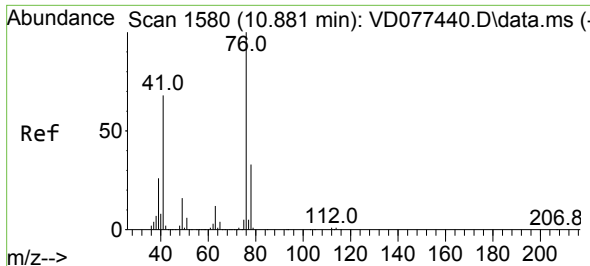
Ion Ratio Lower Upper

69 100

41 54.1 39.1 58.7

39 33.4 20.0 30.0#





#57

1,3-Dichloropropane

Concen: 20.677 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD077965.D

Acq: 19 Dec 2023 10:58

Instrument :

MSVOA_D

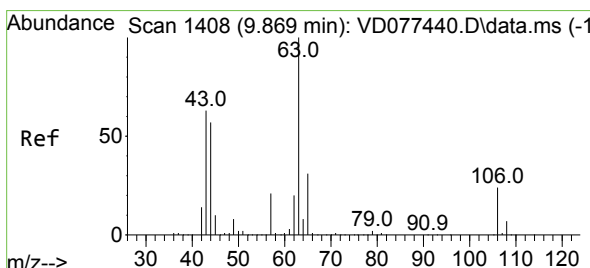
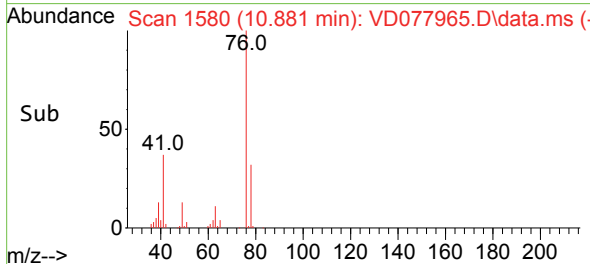
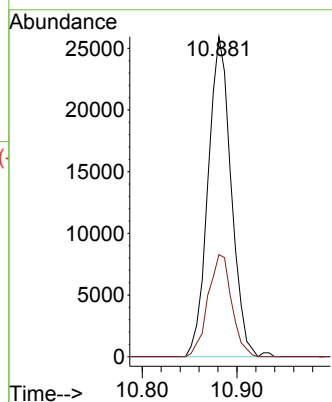
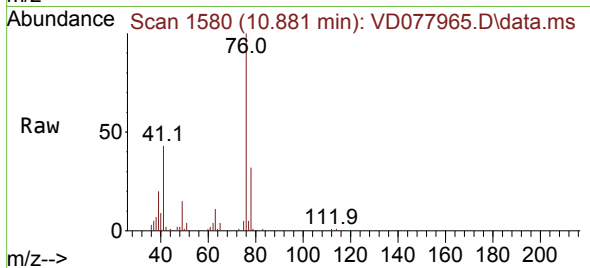
ClientSampleId :

Tgt Ion: 76 Resp: 43970

Ion Ratio Lower Upper

76 100

78 32.7 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 65.810 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD077965.D

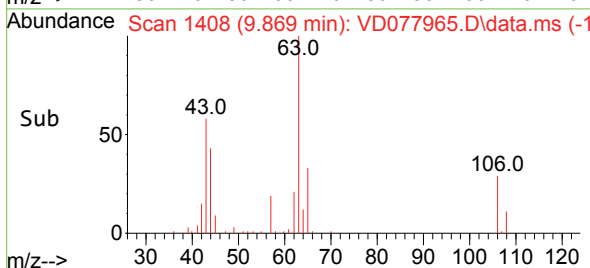
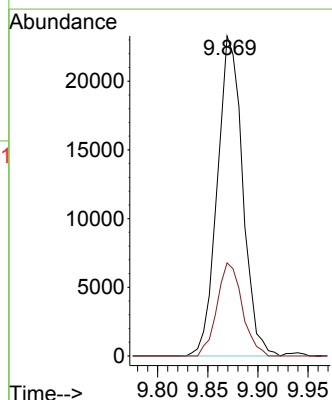
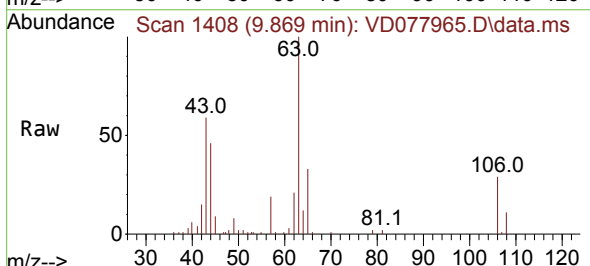
Acq: 19 Dec 2023 10:58

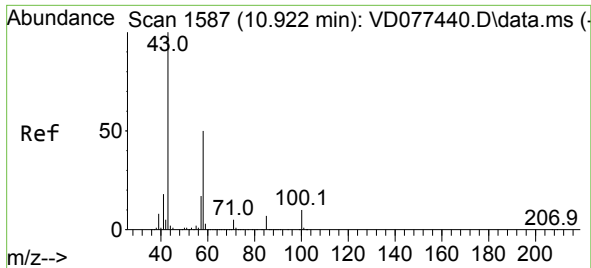
Tgt Ion: 63 Resp: 40814

Ion Ratio Lower Upper

63 100

106 28.9 25.3 37.9

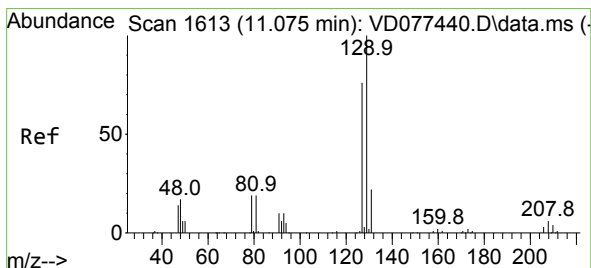
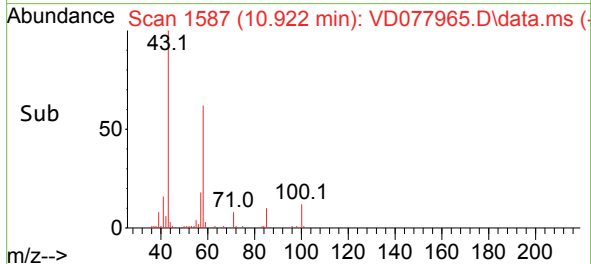
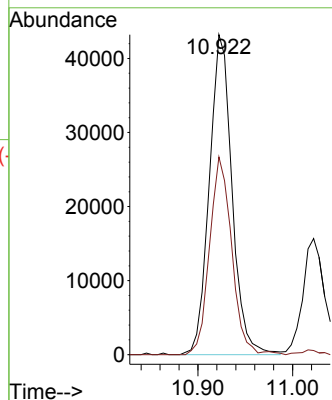
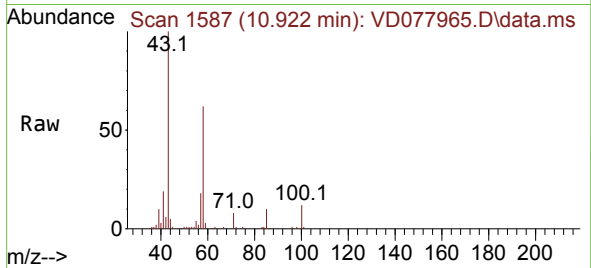




#59
2-Hexanone
Concen: 99.050 ug/l
RT: 10.922 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077965.D
Acq: 19 Dec 2023 10:58

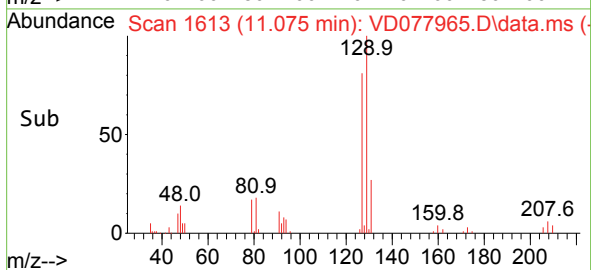
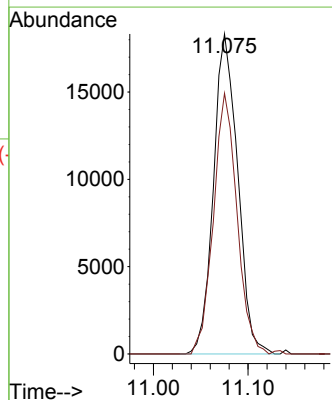
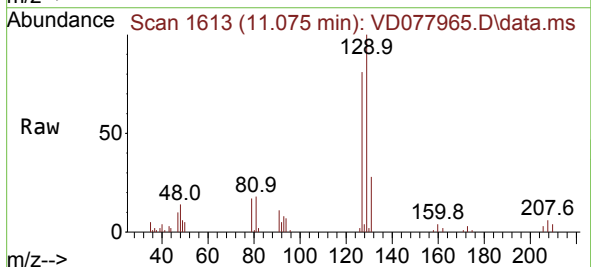
Instrument :
MSVOA_D
ClientSampleId :

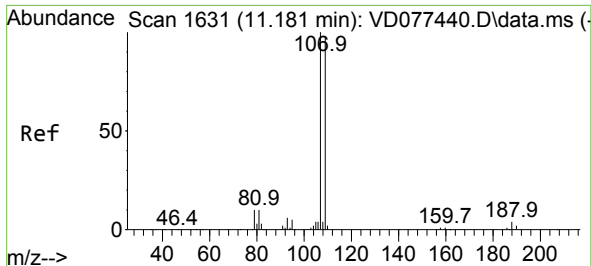
Tgt Ion: 43 Resp: 71817
Ion Ratio Lower Upper
43 100
58 60.3 34.1 102.2



#60
Dibromochloromethane
Concen: 21.898 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD077965.D
Acq: 19 Dec 2023 10:58

Tgt Ion: 129 Resp: 32525
Ion Ratio Lower Upper
129 100
127 79.4 37.1 111.5

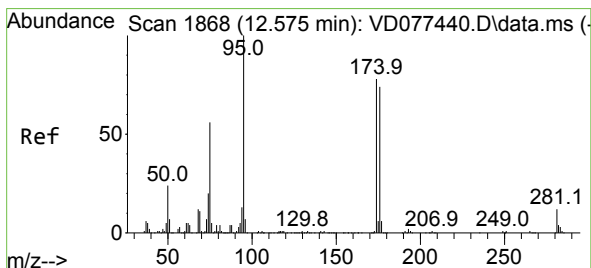
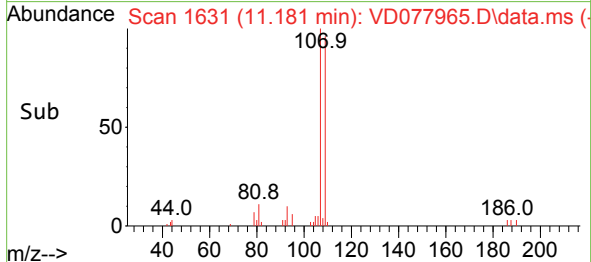
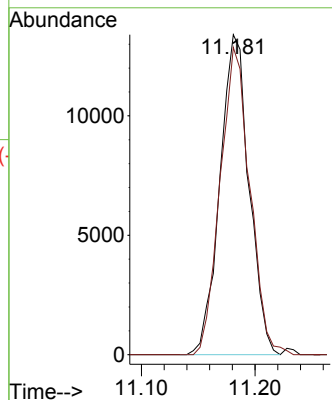
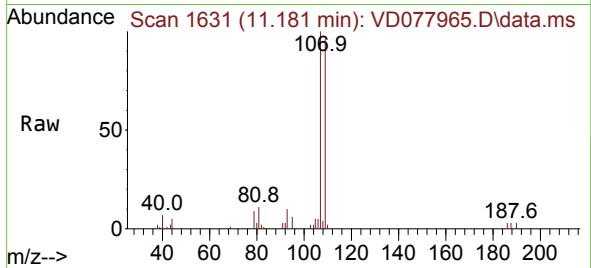




#61
1,2-Dibromoethane
Concen: 20.604 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD077965.D
Acq: 19 Dec 2023 10:58

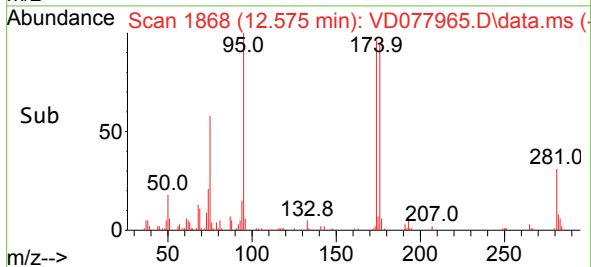
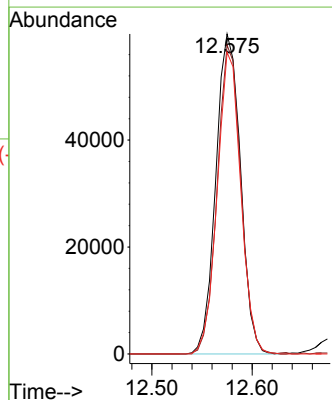
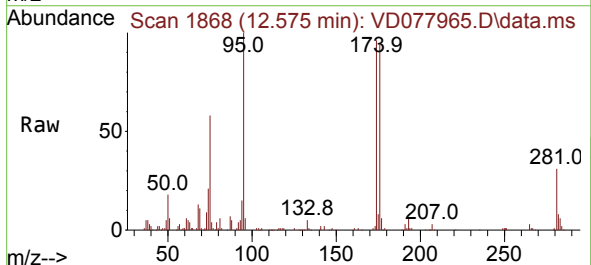
Instrument :
MSVOA_D
ClientSampleId :

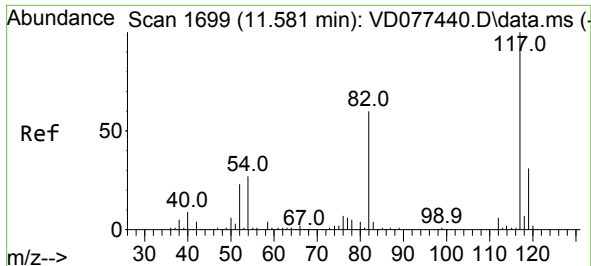
Tgt Ion:107 Resp: 23927
Ion Ratio Lower Upper
107 100
109 97.9 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 55.232 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077965.D
Acq: 19 Dec 2023 10:58

Tgt Ion: 95 Resp: 102148
Ion Ratio Lower Upper
95 100
174 92.4 0.0 201.8
176 89.9 0.0 191.8

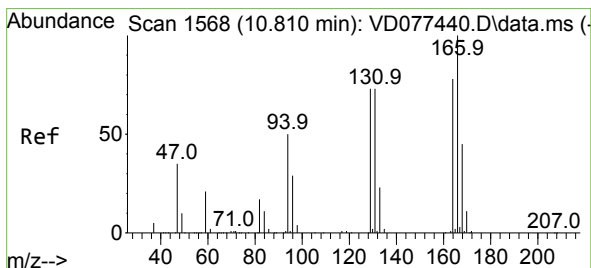
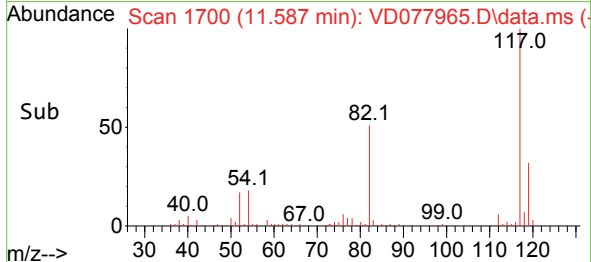
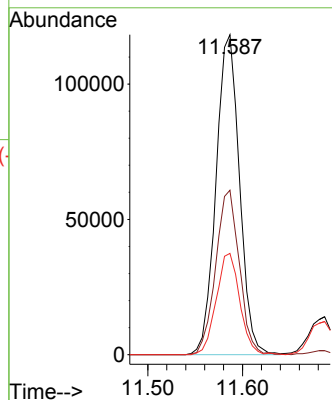
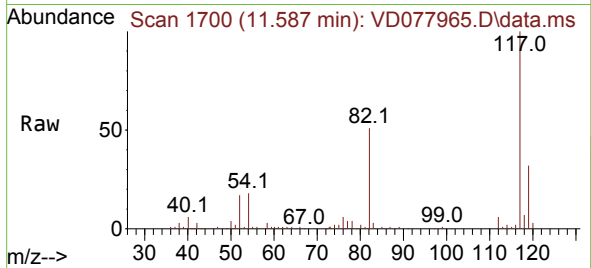




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD077965.D
Acq: 19 Dec 2023 10:58

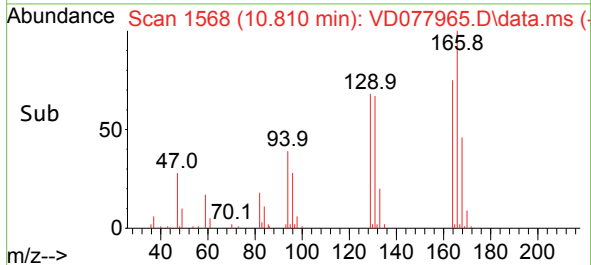
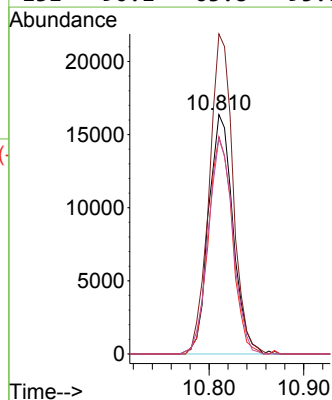
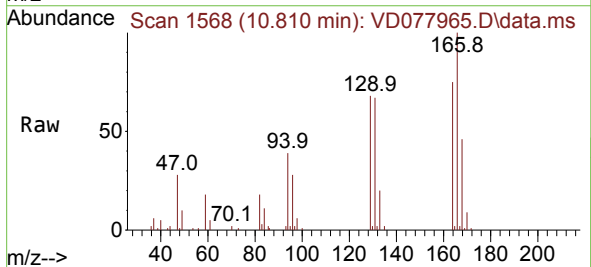
Instrument :
MSVOA_D
ClientSampleId :

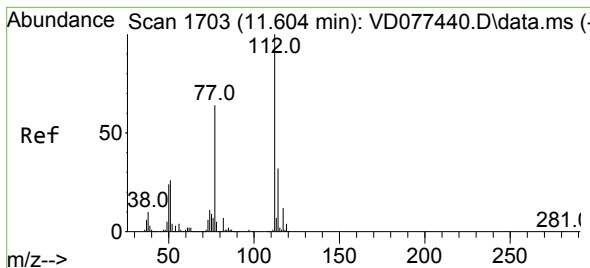
Tgt Ion:117 Resp: 203782
Ion Ratio Lower Upper
117 100
82 51.4 38.3 57.5
119 31.7 25.0 37.4



#64
Tetrachloroethene
Concen: 19.566 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD077965.D
Acq: 19 Dec 2023 10:58

Tgt Ion:164 Resp: 29306
Ion Ratio Lower Upper
164 100
166 133.7 99.2 148.8
129 90.7 68.4 102.6
131 90.1 63.8 95.8





#65

Chlorobenzene

Concen: 18.897 ug/l

RT: 11.610 min Scan# 1704

Delta R.T. 0.006 min

Lab File: VD077965.D

Acq: 19 Dec 2023 10:58

Instrument :

MSVOA_D

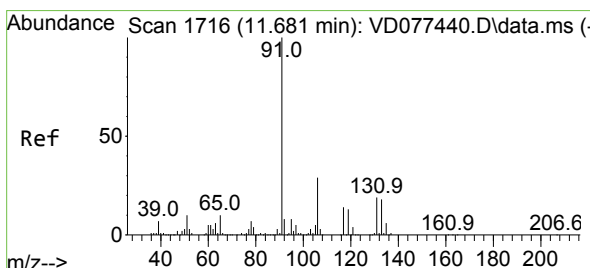
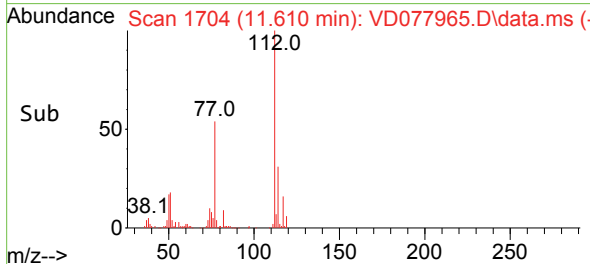
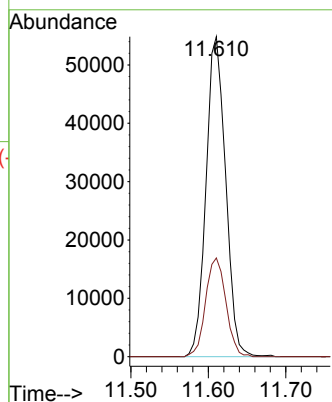
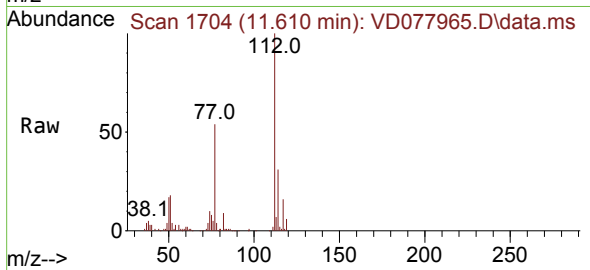
ClientSampleId :

Tgt Ion:112 Resp: 96327

Ion Ratio Lower Upper

112 100

114 30.9 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 20.217 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD077965.D

Acq: 19 Dec 2023 10:58

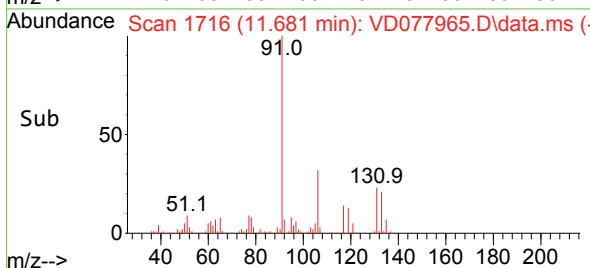
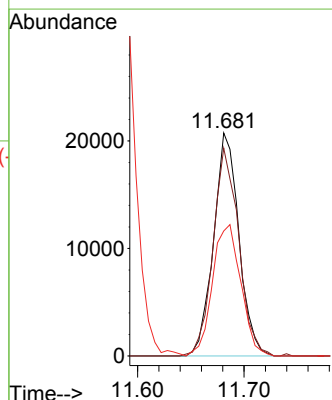
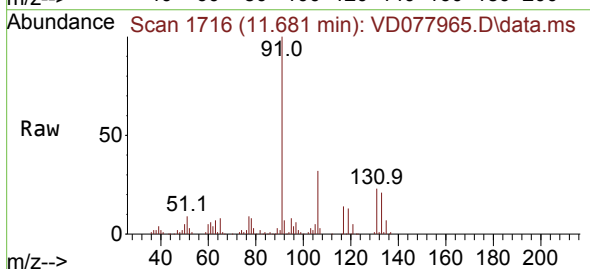
Tgt Ion:131 Resp: 34260

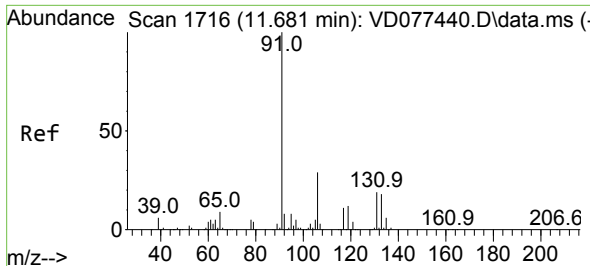
Ion Ratio Lower Upper

131 100

133 94.5 48.5 145.5

119 65.8 35.6 106.9

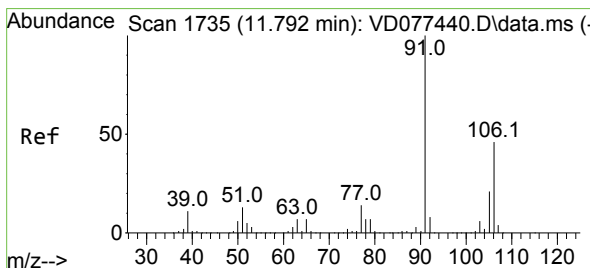
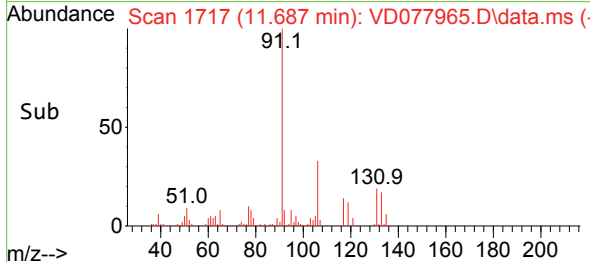
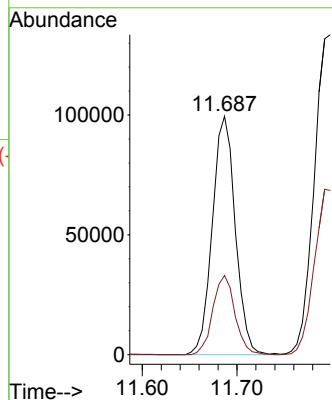
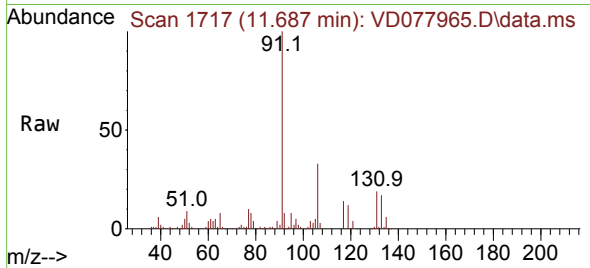




#67
Ethyl Benzene
Concen: 19.729 ug/l
RT: 11.687 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VD077965.D
Acq: 19 Dec 2023 10:58

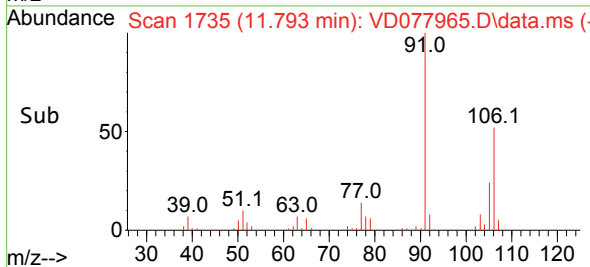
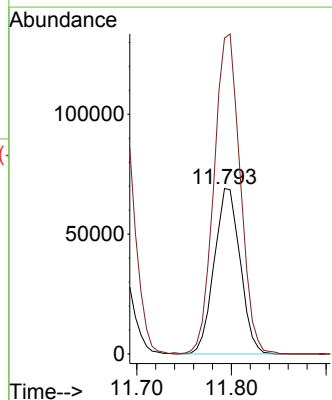
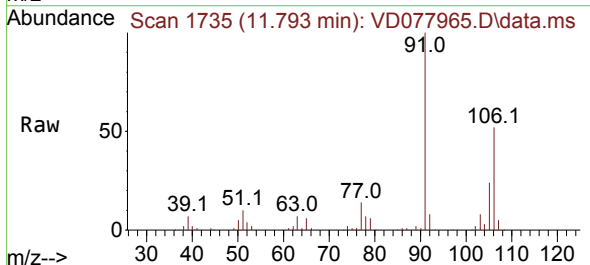
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 91 Resp: 167378
Ion Ratio Lower Upper
91 100
106 33.2 26.5 39.7



#68
m/p-Xylenes
Concen: 40.499 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.001 min
Lab File: VD077965.D
Acq: 19 Dec 2023 10:58

Tgt Ion:106 Resp: 131428
Ion Ratio Lower Upper
106 100
91 195.7 147.0 220.6

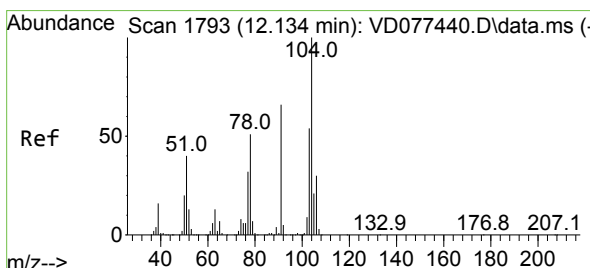
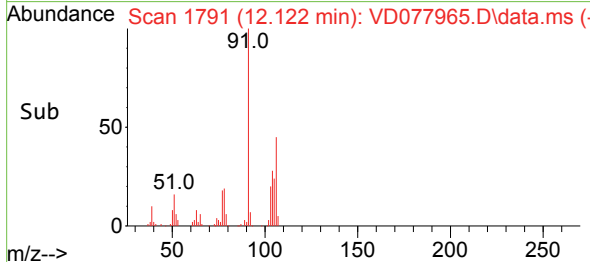
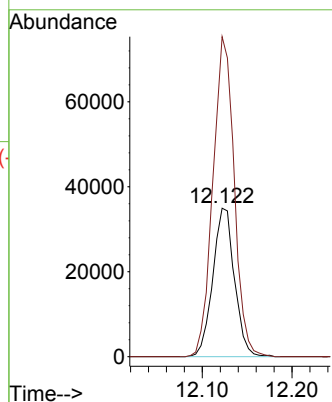
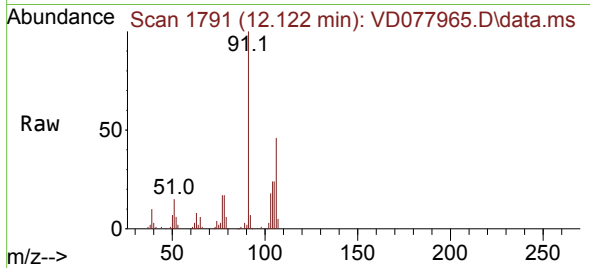




#69
o-Xylene
Concen: 19.601 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD077965.D
Acq: 19 Dec 2023 10:58

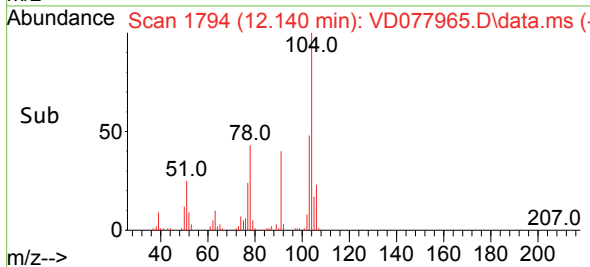
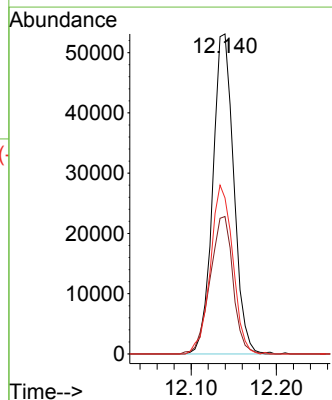
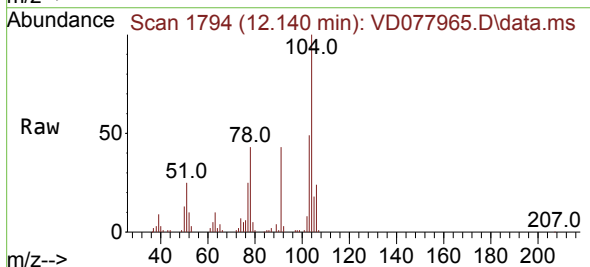
Instrument :
MSVOA_D
ClientSampleId :

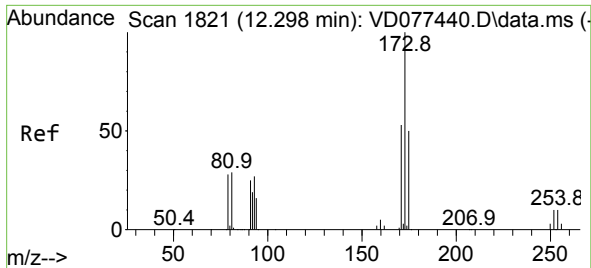
Tgt Ion:106 Resp: 58624
Ion Ratio Lower Upper
106 100
91 211.7 97.9 293.6



#70
Styrene
Concen: 20.446 ug/l
RT: 12.140 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VD077965.D
Acq: 19 Dec 2023 10:58

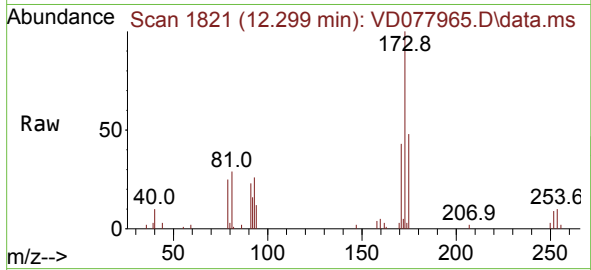
Tgt Ion:104 Resp: 90929
Ion Ratio Lower Upper
104 100
78 46.9 33.2 49.8
103 56.0 43.6 65.4



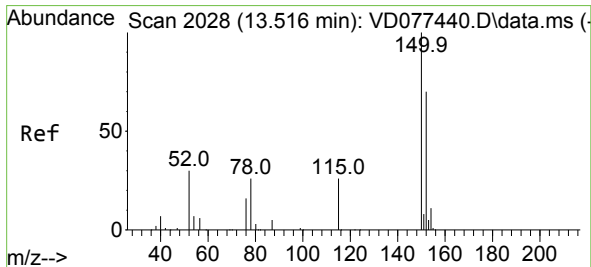
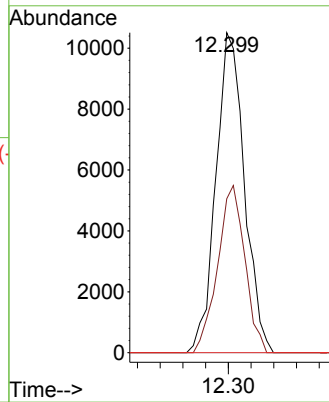
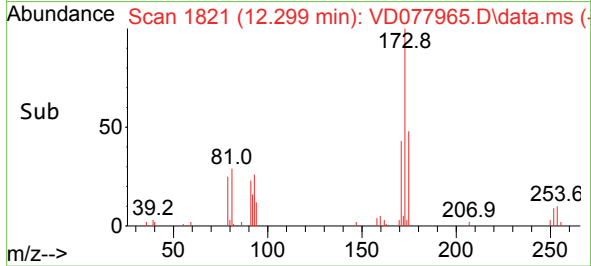


#71
Bromoform
Concen: 20.678 ug/l
RT: 12.299 min Scan# 1821
Delta R.T. 0.001 min
Lab File: VD077965.D
Acq: 19 Dec 2023 10:58

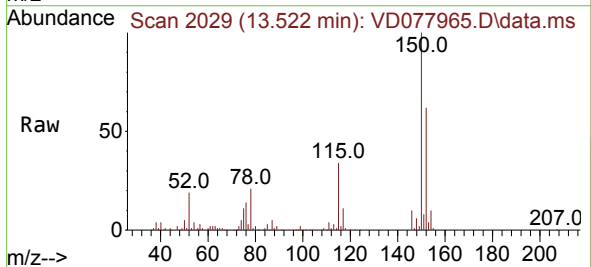
Instrument :
MSVOA_D
ClientSampleId :



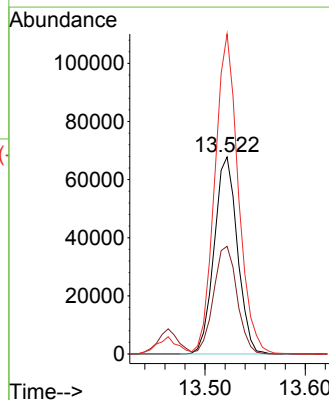
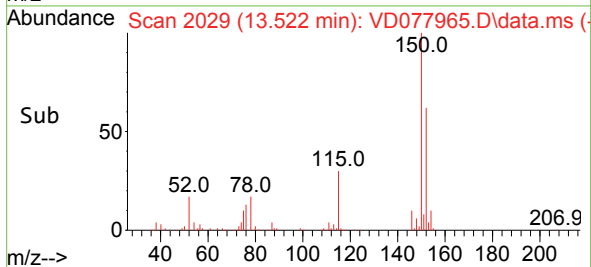
Tgt Ion:173 Resp: 18309
Ion Ratio Lower Upper
173 100
175 49.8 24.6 73.8
254 0.0 0.0 0.0

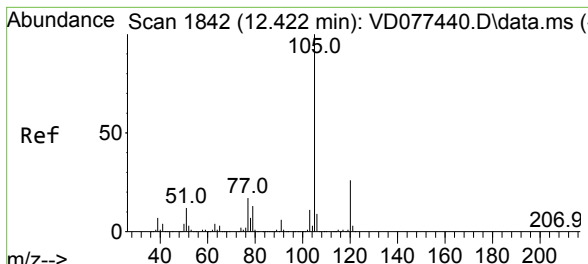


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD077965.D
Acq: 19 Dec 2023 10:58



Tgt Ion:152 Resp: 108848
Ion Ratio Lower Upper
152 100
115 55.4 27.1 81.3
150 164.5 0.0 353.6

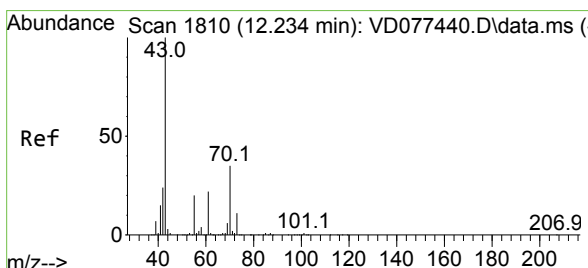
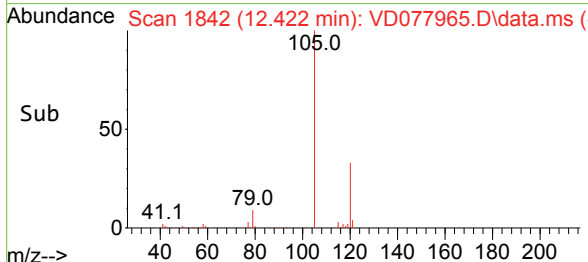
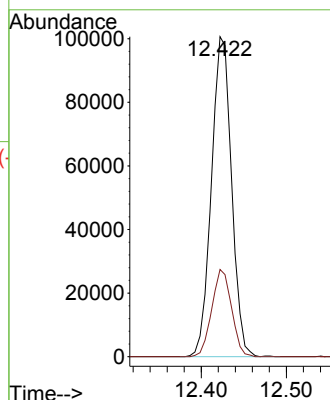
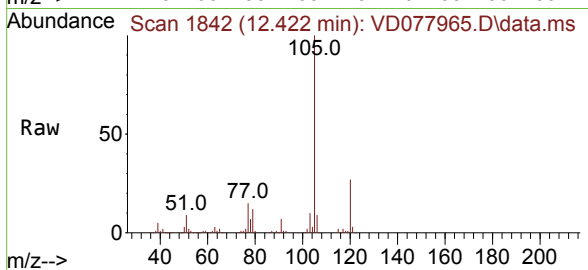




#73
Isopropylbenzene
Concen: 20.077 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD077965.D
Acq: 19 Dec 2023 10:58

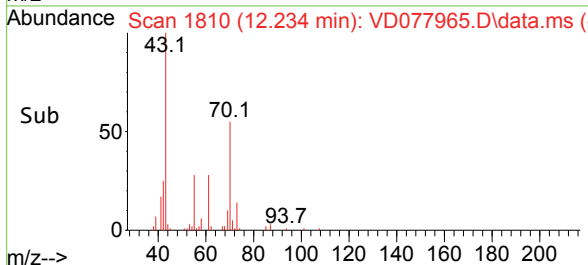
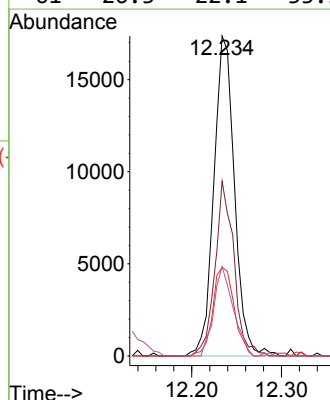
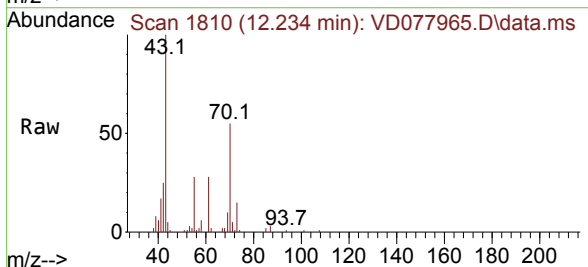
Instrument :
MSVOA_D
ClientSampleId :

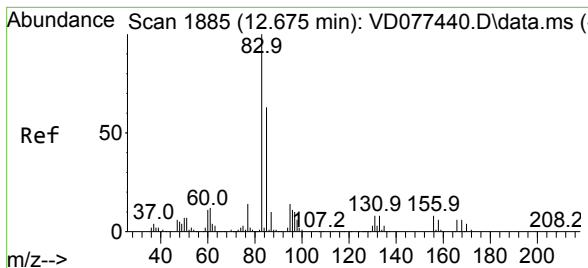
Tgt Ion:105 Resp: 165629
Ion Ratio Lower Upper
105 100
120 26.7 14.3 42.9



#74
N-ethyl acetate
Concen: 17.141 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD077965.D
Acq: 19 Dec 2023 10:58

Tgt Ion: 43 Resp: 27797
Ion Ratio Lower Upper
43 100
70 50.0 45.0 67.4
55 28.7 23.8 35.6
61 26.3 22.1 33.1

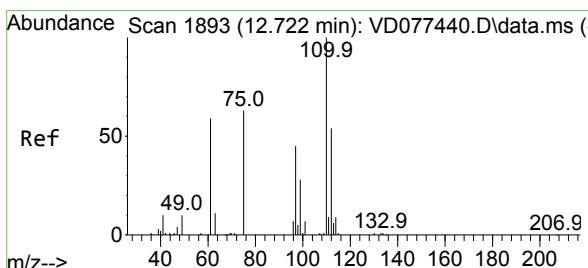
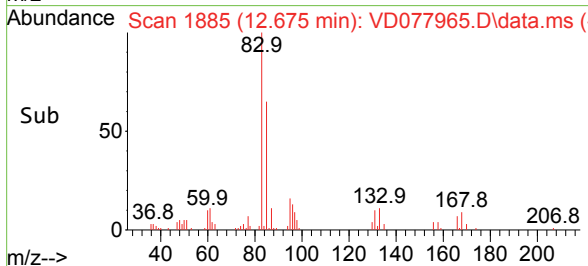
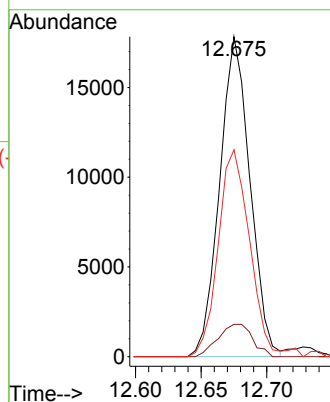
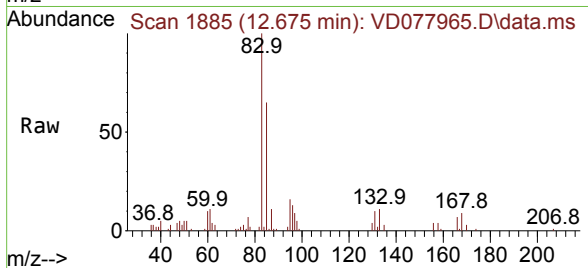




#75
1,1,2,2-Tetrachloroethane
Concen: 19.943 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD077965.D
Acq: 19 Dec 2023 10:58

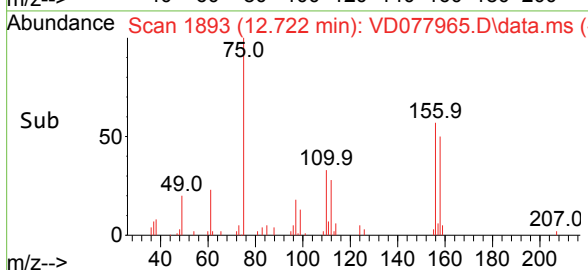
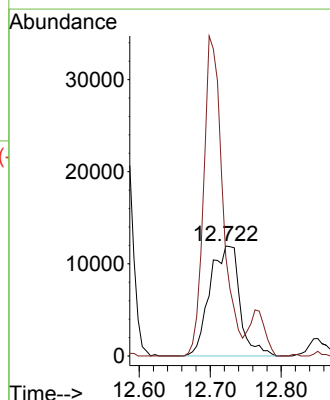
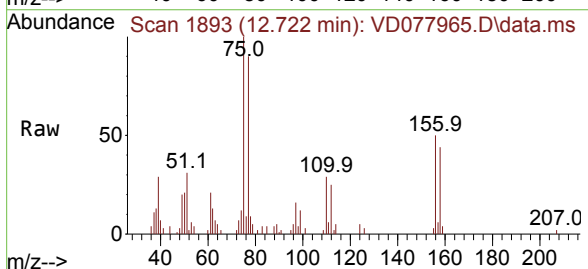
Instrument :
MSVOA_D
ClientSampleId :

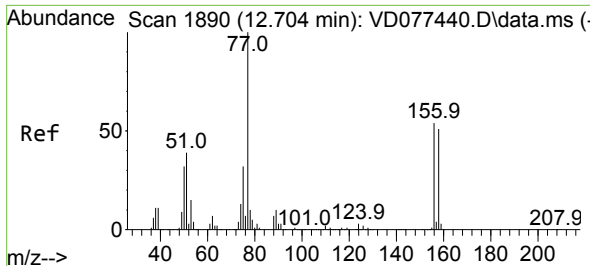
Tgt Ion: 83 Resp: 28687
Ion Ratio Lower Upper
83 100
131 11.5 5.1 15.3
85 67.4 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 37.059 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VD077965.D
Acq: 19 Dec 2023 10:58

Tgt Ion: 75 Resp: 35034
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

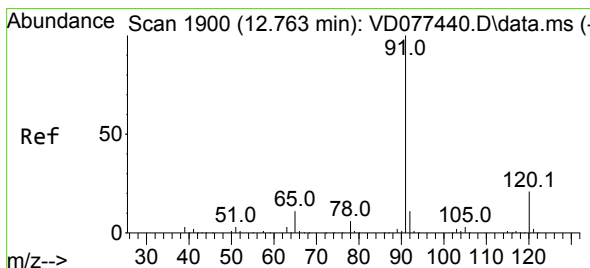
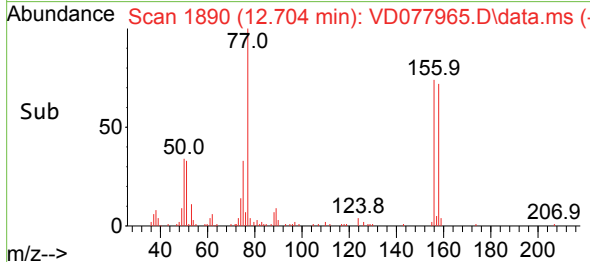
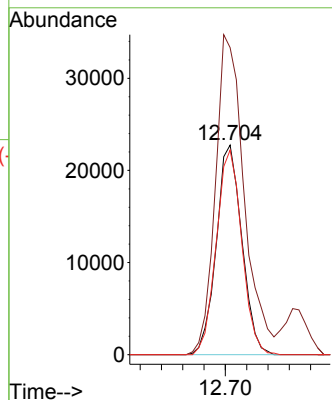
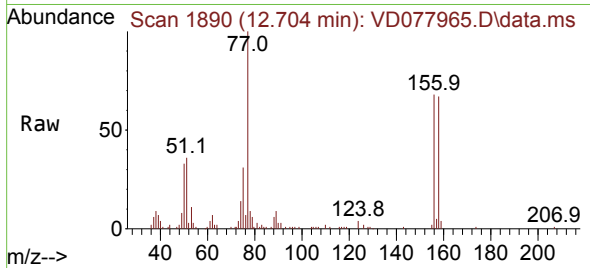




#77
Bromobenzene
Concen: 19.524 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VD077965.D
Acq: 19 Dec 2023 10:58

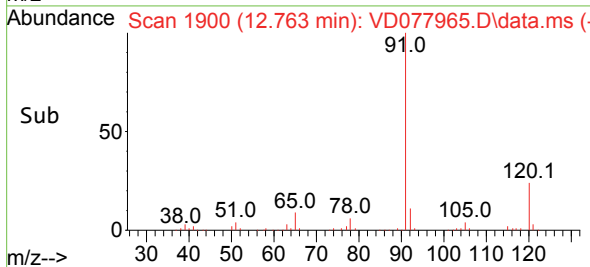
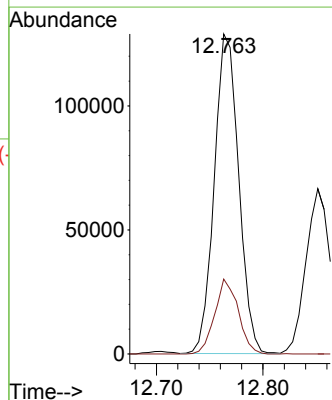
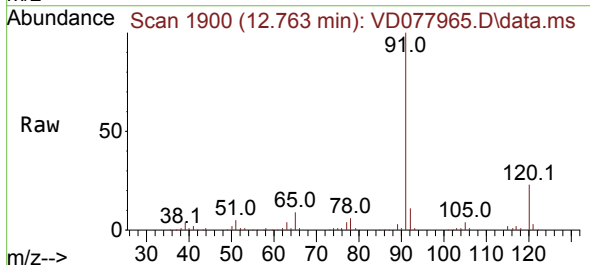
Instrument :
MSVOA_D
ClientSampleId :

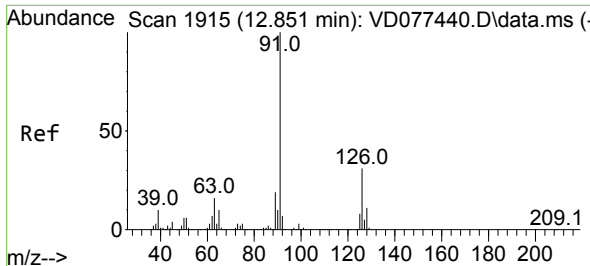
Tgt Ion:156 Resp: 37886
Ion Ratio Lower Upper
156 100
77 171.7 76.8 230.4
158 97.5 48.6 145.9



#78
n-propylbenzene
Concen: 20.373 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD077965.D
Acq: 19 Dec 2023 10:58

Tgt Ion: 91 Resp: 204801
Ion Ratio Lower Upper
91 100
120 22.5 12.4 37.2

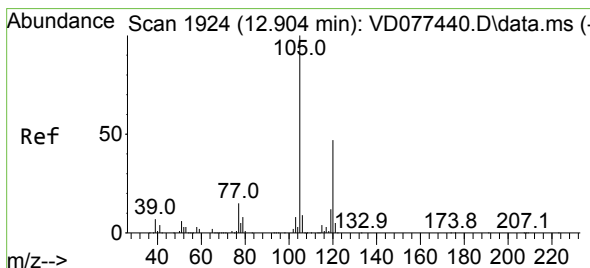
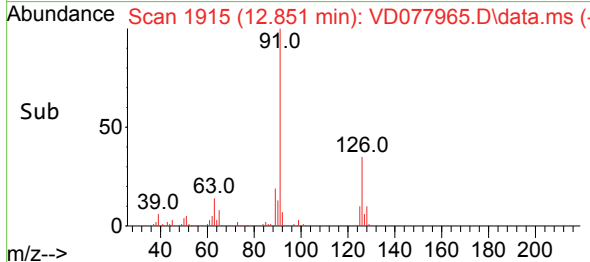
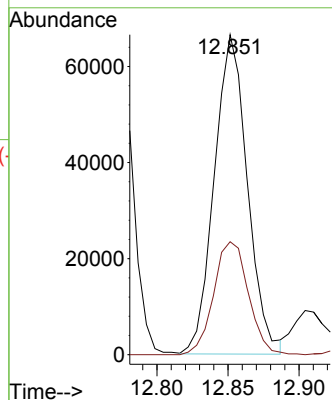
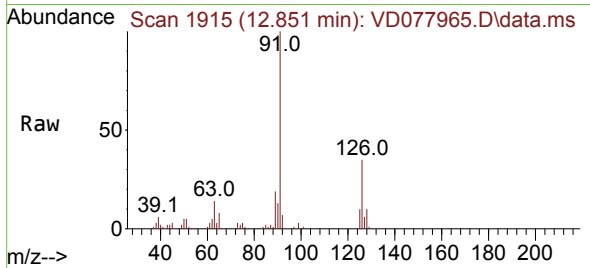




#79
2-Chlorotoluene
Concen: 20.030 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD077965.D
Acq: 19 Dec 2023 10:58

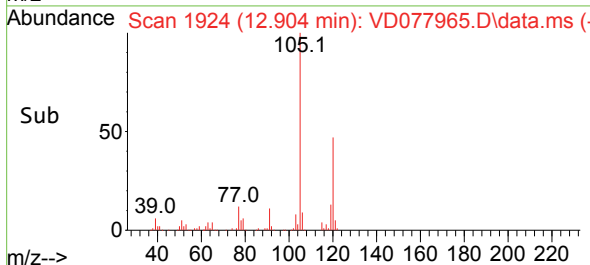
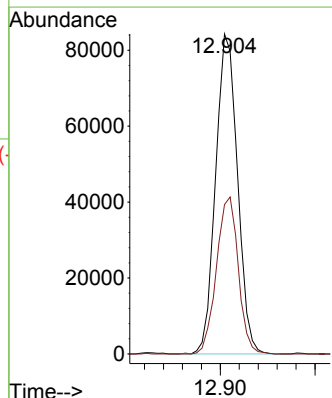
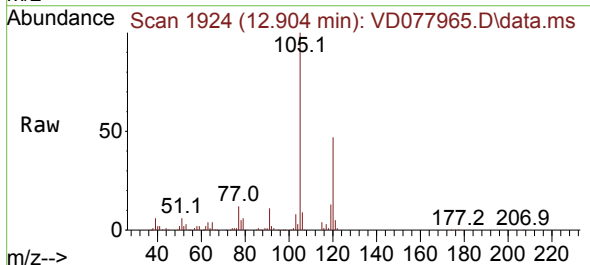
Instrument :
MSVOA_D
ClientSampleId :

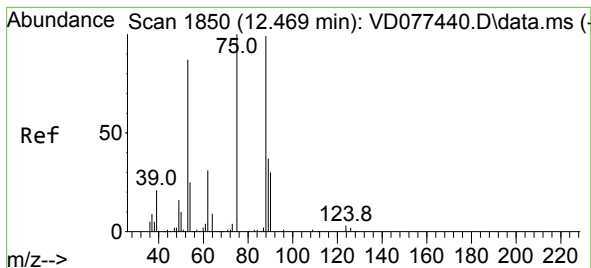
Tgt Ion: 91 Resp: 107909
Ion Ratio Lower Upper
91 100
126 37.0 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 19.632 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077965.D
Acq: 19 Dec 2023 10:58

Tgt Ion:105 Resp: 135076
Ion Ratio Lower Upper
105 100
120 49.0 26.4 79.2

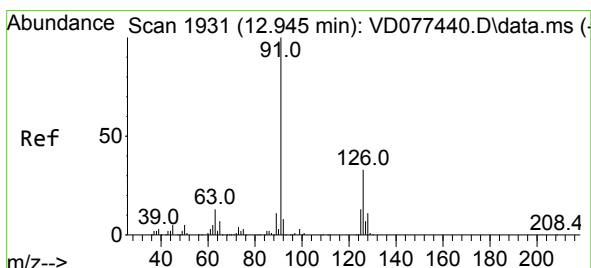
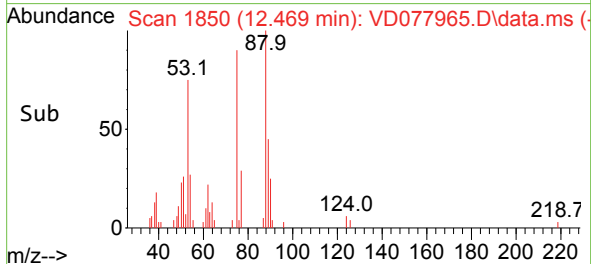
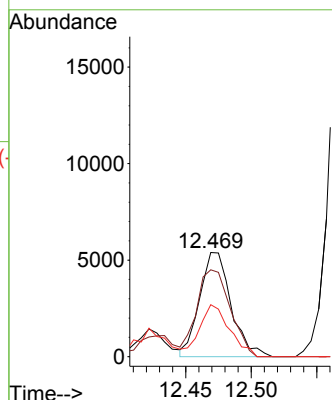
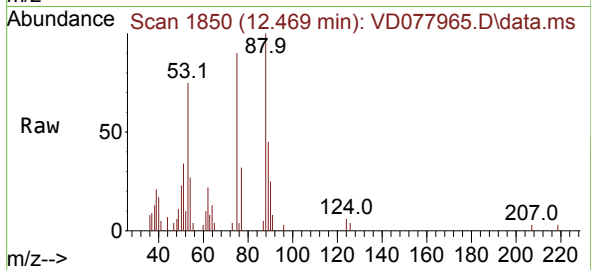




#81
trans-1,4-Dichloro-2-butene
Concen: 19.308 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD077965.D
Acq: 19 Dec 2023 10:58

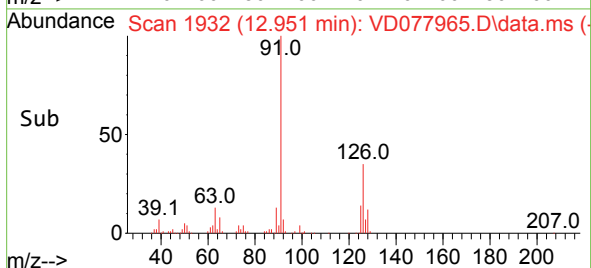
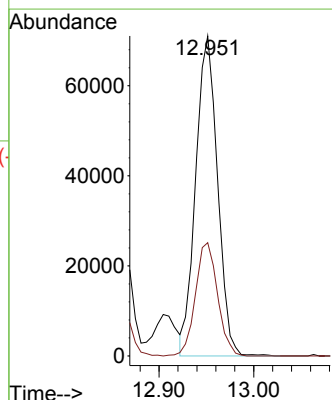
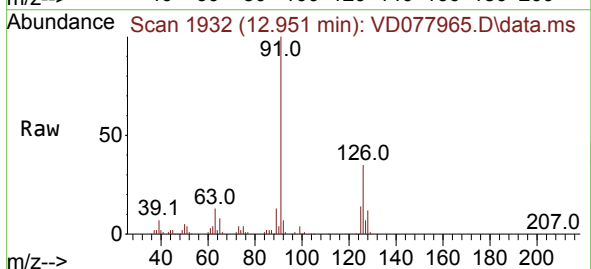
Instrument :
MSVOA_D
ClientSampleId :

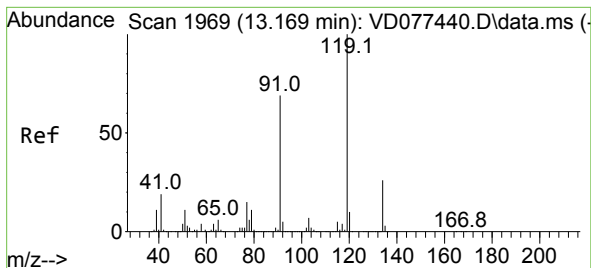
Tgt Ion: 75 Resp: 9009
Ion Ratio Lower Upper
75 100
53 89.5 63.0 94.4
89 47.8 37.9 56.9



#82
4-Chlorotoluene
Concen: 20.216 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.006 min
Lab File: VD077965.D
Acq: 19 Dec 2023 10:58

Tgt Ion: 91 Resp: 113857
Ion Ratio Lower Upper
91 100
126 36.0 19.4 58.4





#83

tert-Butylbenzene

Concen: 20.373 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD077965.D

Acq: 19 Dec 2023 10:58

Instrument :

MSVOA_D

ClientSampleId :

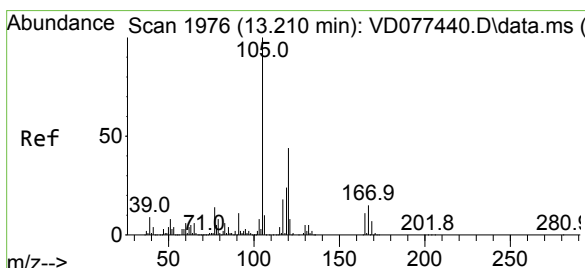
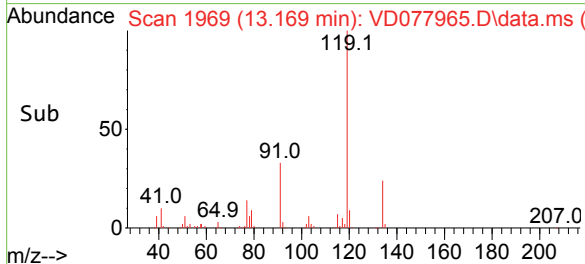
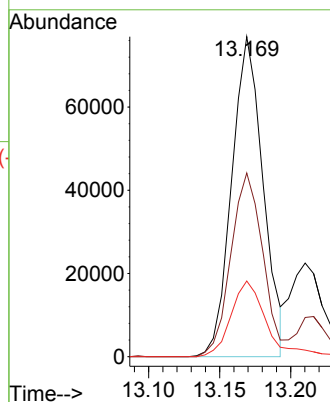
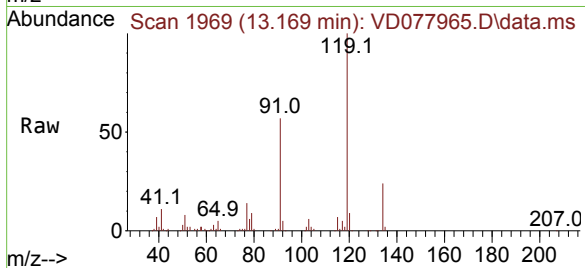
Tgt Ion:119 Resp: 118342

Ion Ratio Lower Upper

119 100

91 59.1 29.3 87.8

134 26.6 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 20.307 ug/l

RT: 13.216 min Scan# 1977

Delta R.T. 0.006 min

Lab File: VD077965.D

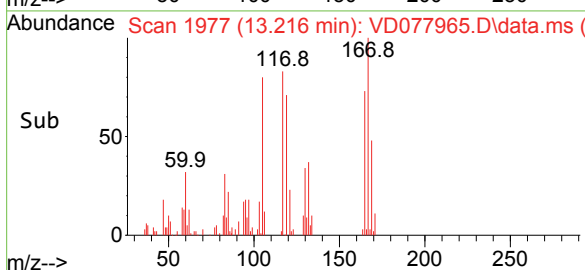
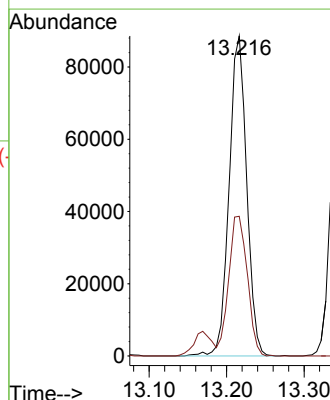
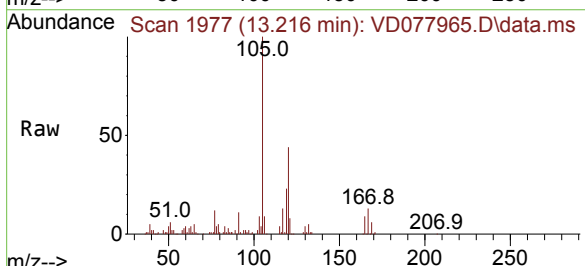
Acq: 19 Dec 2023 10:58

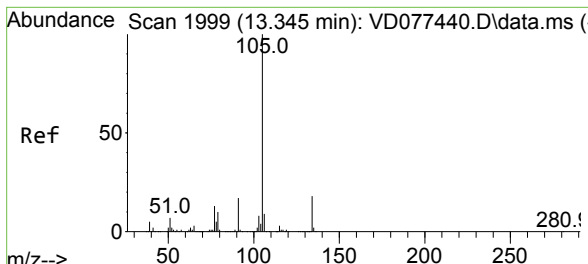
Tgt Ion:105 Resp: 139752

Ion Ratio Lower Upper

105 100

120 46.4 24.3 72.9

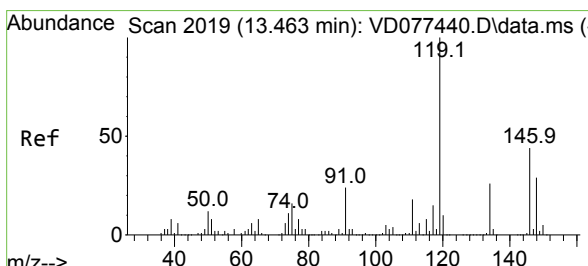
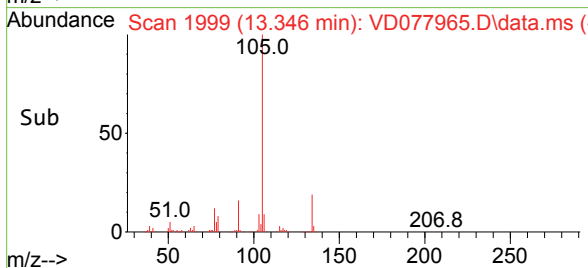
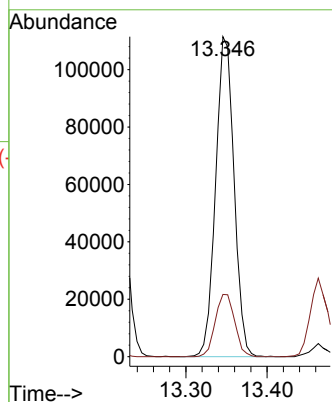
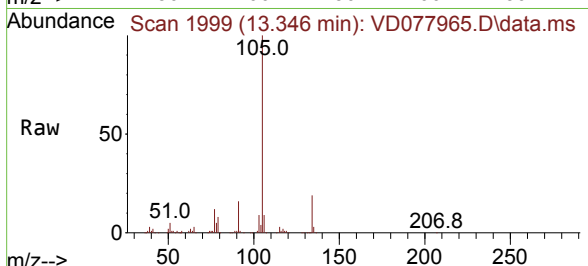




#85
 sec-Butylbenzene
 Concen: 20.462 ug/l
 RT: 13.346 min Scan# 1999
 Delta R.T. 0.001 min
 Lab File: VD077965.D
 Acq: 19 Dec 2023 10:58

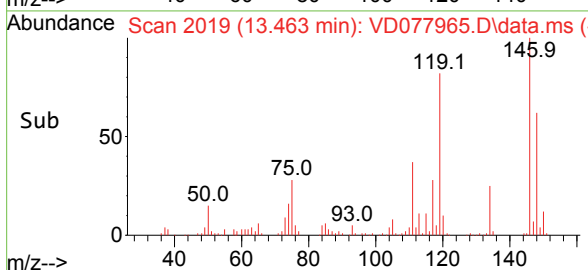
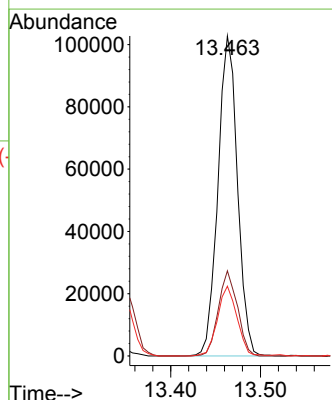
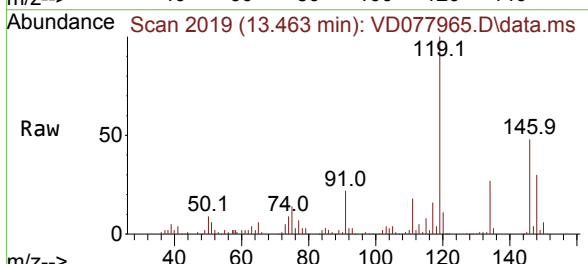
Instrument :
 MSVOA_D
 ClientSampleId :

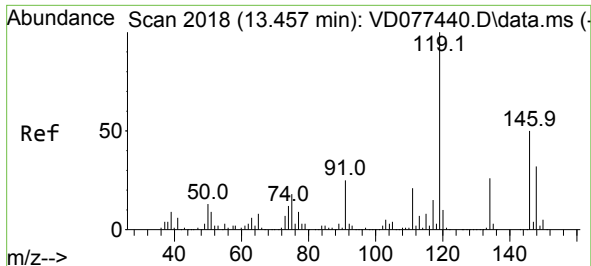
Tgt Ion:105 Resp: 175697
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 20.179 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD077965.D
 Acq: 19 Dec 2023 10:58

Tgt Ion:119 Resp: 155124
 Ion Ratio Lower Upper
 119 100
 134 26.0 14.2 42.6
 91 21.8 10.5 31.5

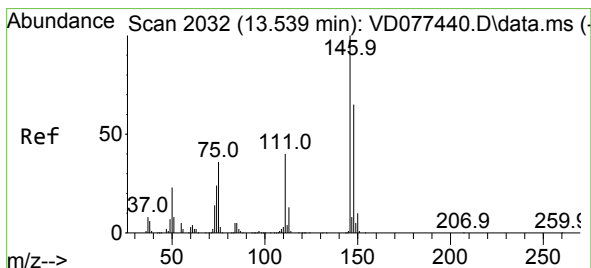
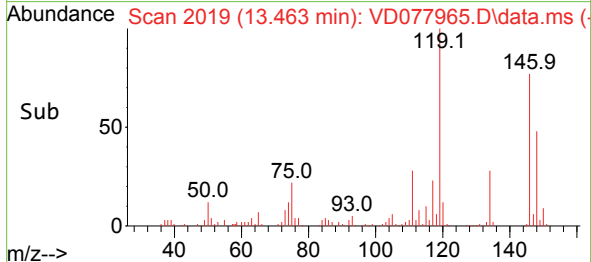
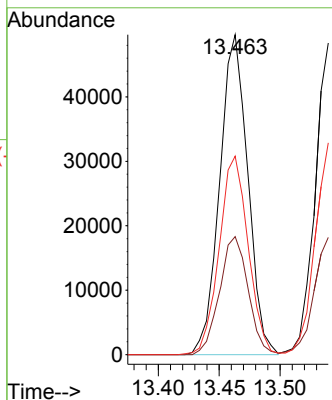
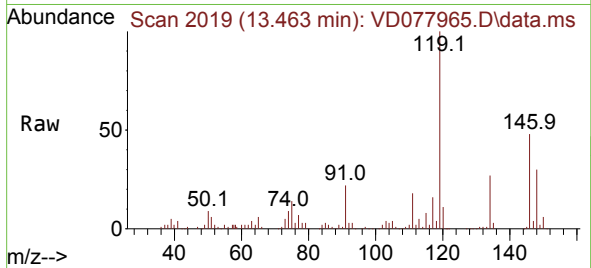




#87
 1,3-Dichlorobenzene
 Concen: 20.085 ug/l
 RT: 13.463 min Scan# 2018
 Delta R.T. 0.006 min
 Lab File: VD077965.D
 Acq: 19 Dec 2023 10:58

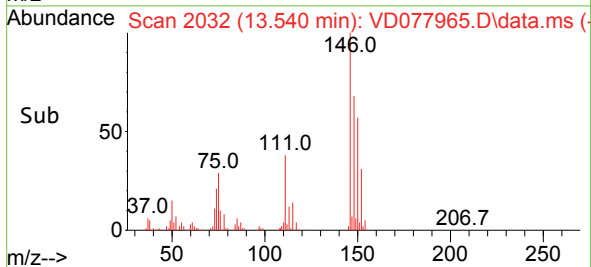
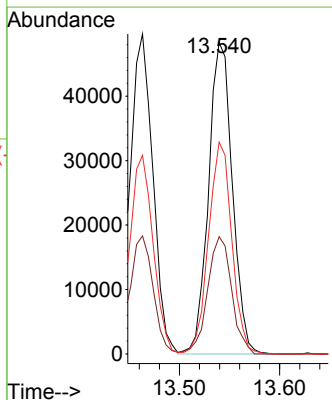
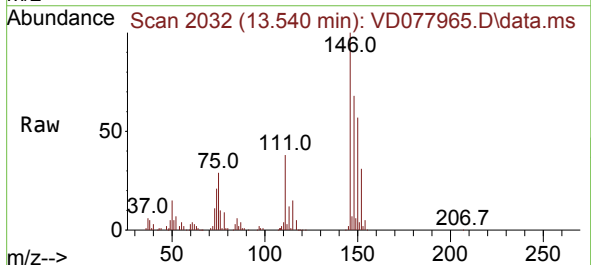
Instrument :
 MSVOA_D
 ClientSampleId :

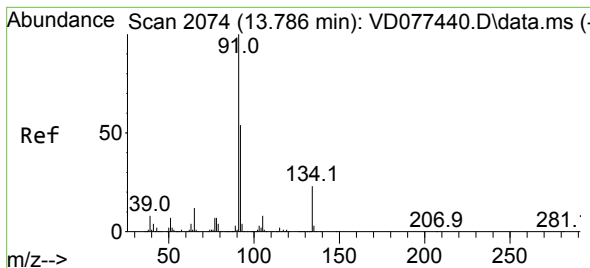
Tgt Ion:146 Resp: 79701
 Ion Ratio Lower Upper
 146 100
 111 37.5 17.9 53.8
 148 64.0 32.3 96.8



#88
 1,4-Dichlorobenzene
 Concen: 19.178 ug/l
 RT: 13.540 min Scan# 2032
 Delta R.T. 0.001 min
 Lab File: VD077965.D
 Acq: 19 Dec 2023 10:58

Tgt Ion:146 Resp: 79877
 Ion Ratio Lower Upper
 146 100
 111 38.0 17.4 52.3
 148 66.5 31.7 95.1





#89

n-Butylbenzene

Concen: 20.477 ug/l

RT: 13.793 min Scan# 2075

Delta R.T. 0.007 min

Lab File: VD077965.D

Acq: 19 Dec 2023 10:58

Instrument :

MSVOA_D

ClientSampleId :

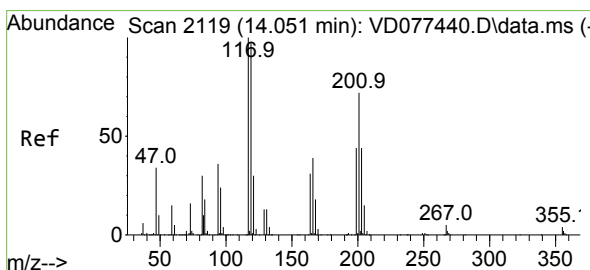
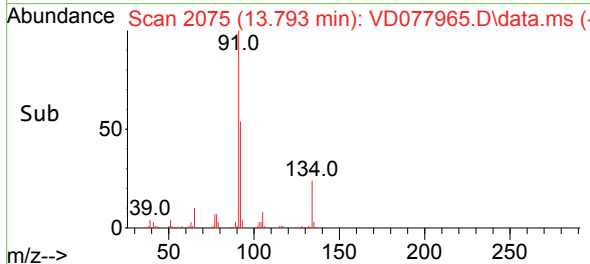
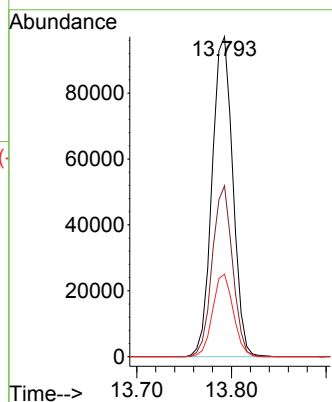
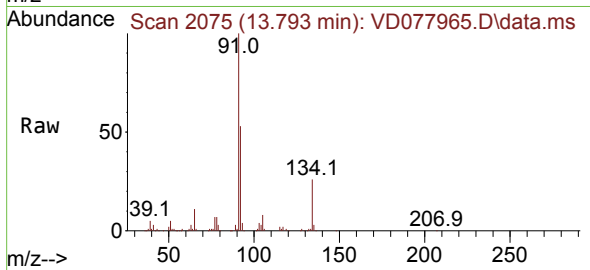
Tgt Ion: 91 Resp: 148126

Ion Ratio Lower Upper

91 100

92 52.2 26.5 79.5

134 25.7 13.8 41.3



#90

Hexachloroethane

Concen: 22.463 ug/l

RT: 14.057 min Scan# 2120

Delta R.T. 0.006 min

Lab File: VD077965.D

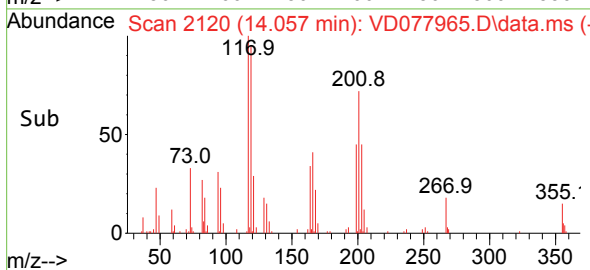
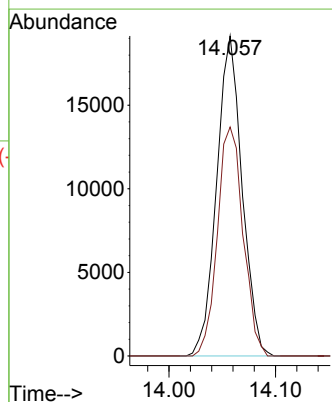
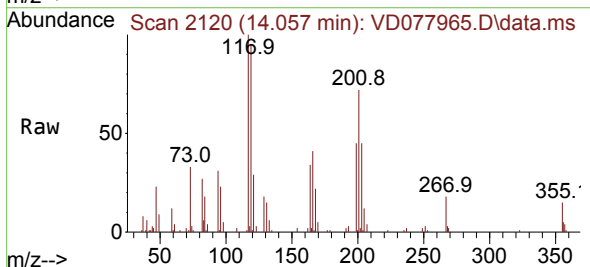
Acq: 19 Dec 2023 10:58

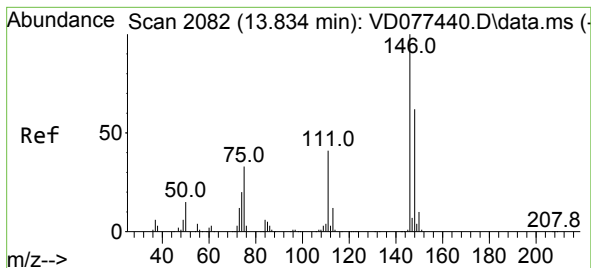
Tgt Ion: 117 Resp: 31758

Ion Ratio Lower Upper

117 100

201 72.1 38.5 115.5





#91

1,2-Dichlorobenzene

Concen: 20.166 ug/l

RT: 13.834 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VD077965.D

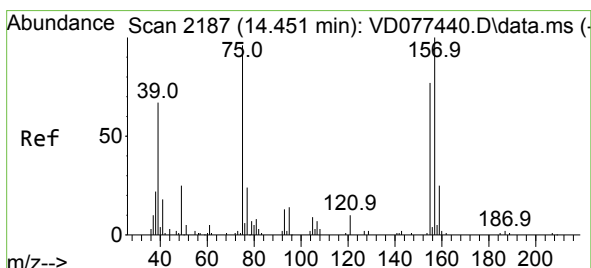
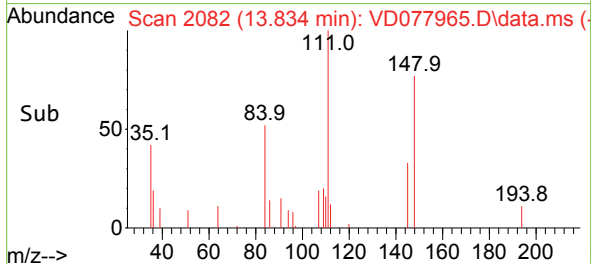
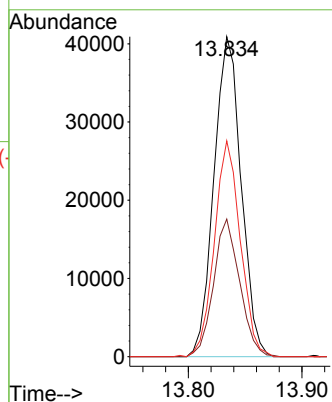
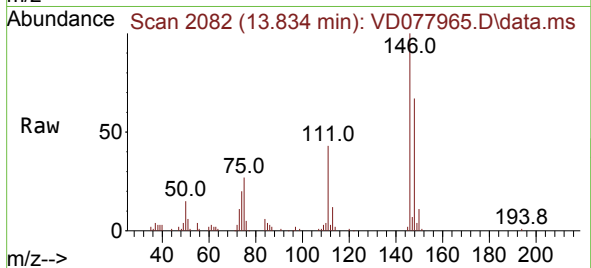
Acq: 19 Dec 2023 10:58

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	146	Resp:	68056
Ion Ratio	Lower	Upper	
146	100		
111	41.3	18.3	54.8
148	64.3	31.6	94.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.339 ug/l

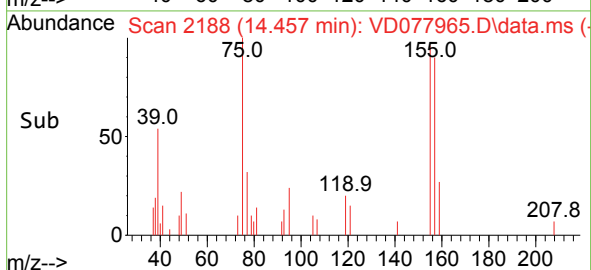
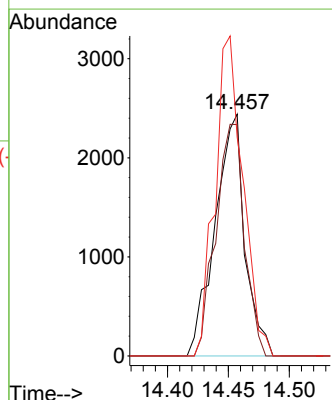
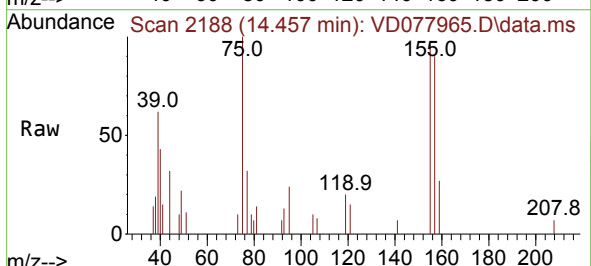
RT: 14.457 min Scan# 2188

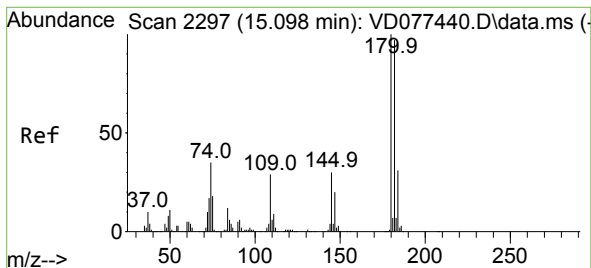
Delta R.T. 0.006 min

Lab File: VD077965.D

Acq: 19 Dec 2023 10:58

Tgt Ion:	75	Resp:	4155
Ion Ratio	Lower	Upper	
75	100		
155	92.3	47.9	143.8
157	124.1	59.9	179.7





#93

1,2,4-Trichlorobenzene

Concen: 19.168 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD077965.D

Acq: 19 Dec 2023 10:58

Instrument :

MSVOA_D

ClientSampleId :

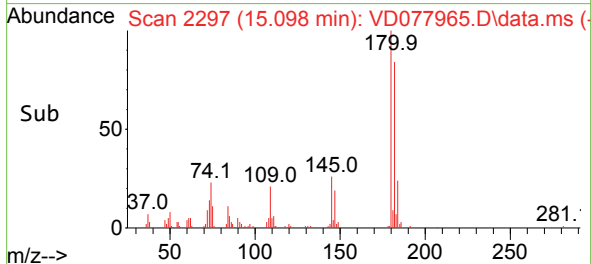
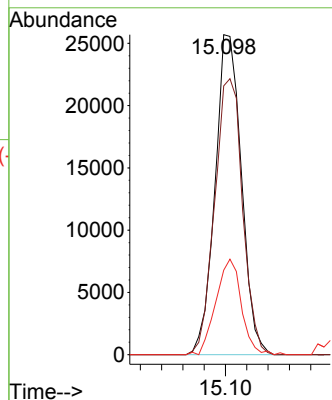
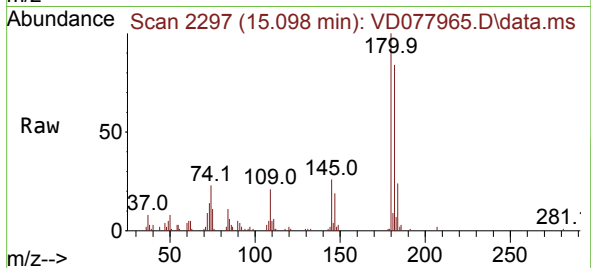
Tgt Ion:180 Resp: 44187

Ion Ratio Lower Upper

180 100

182 91.0 48.5 145.6

145 28.8 14.2 42.6



#94

Hexachlorobutadiene

Concen: 20.282 ug/l

RT: 15.210 min Scan# 2316

Delta R.T. 0.006 min

Lab File: VD077965.D

Acq: 19 Dec 2023 10:58

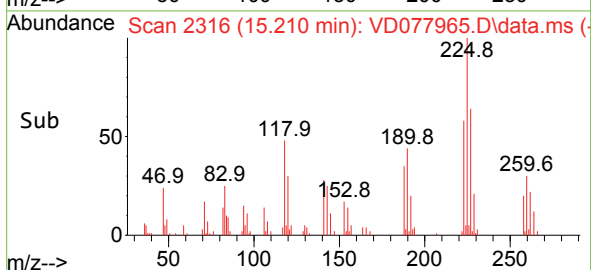
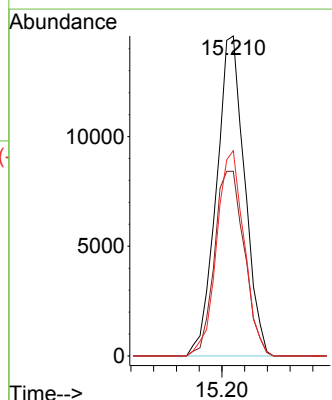
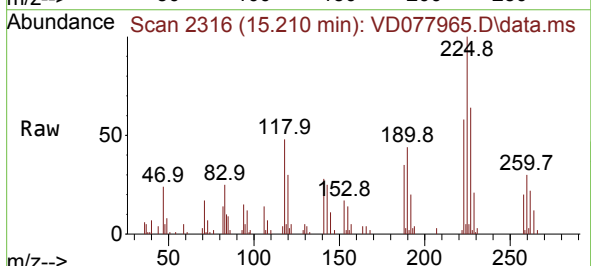
Tgt Ion:225 Resp: 25212

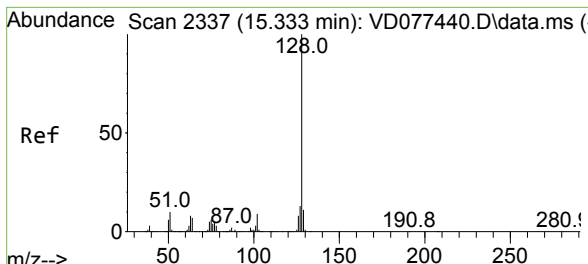
Ion Ratio Lower Upper

225 100

223 61.1 31.6 94.8

227 62.4 31.7 95.1

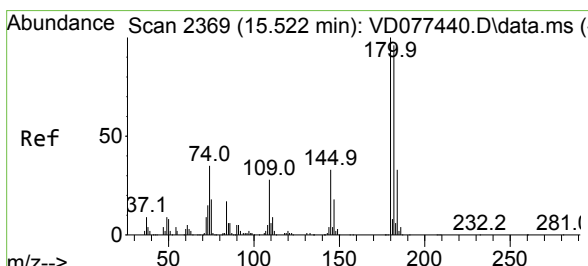
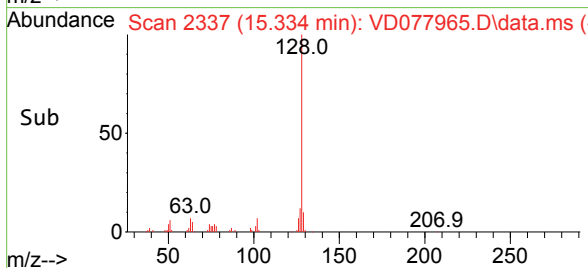
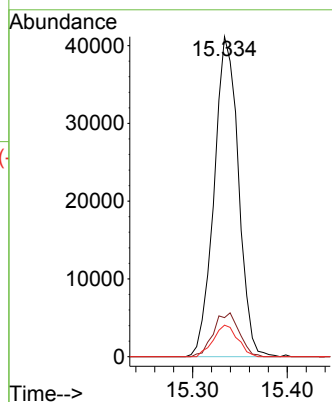
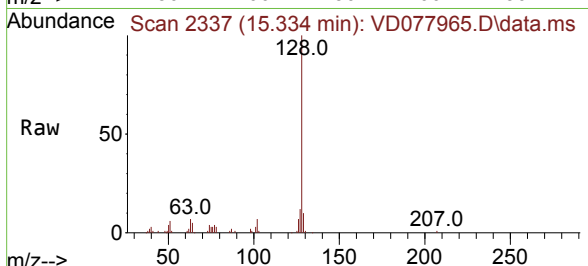




#95
Naphthalene
Concen: 19.160 ug/l
RT: 15.334 min Scan# 2337
Delta R.T. 0.001 min
Lab File: VD077965.D
Acq: 19 Dec 2023 10:58

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:	128	Resp:	73386
Ion Ratio	Lower	Upper	
128	100		
127	12.2	10.5	15.7
129	9.9	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 20.003 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD077965.D
Acq: 19 Dec 2023 10:58

Tgt Ion:	180	Resp:	38014
Ion Ratio	Lower	Upper	
180	100		
182	88.7	47.3	141.9
145	29.5	15.1	45.3

