

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092923\
 Data File : VD077245.D
 Acq On : 29 Sep 2023 14:16
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 30 04:42:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091823S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 19 04:46:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	231653	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	398829	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	379211	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	195280	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	124725	53.350	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.700%	
35) Dibromofluoromethane	7.805	113	135171	48.794	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.580%	
50) Toluene-d8	10.269	98	519151	52.650	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 105.300%	
62) 4-Bromofluorobenzene	12.575	95	152842	50.011	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 100.020%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.928	85	107226	44.790	ug/l	99
3) Chloromethane	2.146	50	168207	38.011	ug/l	98
4) Vinyl Chloride	2.281	62	194062	40.996	ug/l	98
5) Bromomethane	2.687	94	156857	45.497	ug/l	100
6) Chloroethane	2.834	64	141084	47.898	ug/l	98
7) Trichlorofluoromethane	3.175	101	223326	52.196	ug/l	96
8) Diethyl Ether	3.593	74	76107	55.113	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.964	101	135300	50.579	ug/l	99
10) Methyl Iodide	4.164	142	181189	47.389	ug/l	91
11) Tert butyl alcohol	5.052	59	42665	320.080	ug/l	100
12) 1,1-Dichloroethene	3.940	96	132374	49.122	ug/l	88
13) Acrolein	3.793	56	15358	163.319	ug/l	97
14) Allyl chloride	4.558	41	185220	56.336	ug/l	92
15) Acrylonitrile	5.252	53	179722	310.372	ug/l	100
16) Acetone	4.017	43	160789	300.919	ug/l	92
17) Carbon Disulfide	4.269	76	415599	46.848	ug/l	99
18) Methyl Acetate	4.564	43	127131	62.921	ug/l	92
19) Methyl tert-butyl Ether	5.316	73	337160	57.820	ug/l	99
20) Methylene Chloride	4.799	84	183913	53.697	ug/l	90
21) trans-1,2-Dichloroethene	5.311	96	163766	50.273	ug/l	94
22) Diisopropyl ether	6.216	45	424914	57.162	ug/l	96
23) Vinyl Acetate	6.152	43	1093906	368.095	ug/l	94
24) 1,1-Dichloroethane	6.111	63	277237	51.963	ug/l	98
25) 2-Butanone	7.081	43	223063	317.319	ug/l	# 84
26) 2,2-Dichloropropane	7.075	77	226680	50.054	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	186110	50.822	ug/l	94
28) Bromochloromethane	7.422	49	81315	49.634	ug/l	81
29) Tetrahydrofuran	7.440	42	132203	321.706	ug/l	88
30) Chloroform	7.593	83	298665	51.942	ug/l	94
31) Cyclohexane	7.881	56	210767	51.532	ug/l	91
32) 1,1,1-Trichloroethane	7.793	97	243000	50.629	ug/l	97
36) 1,1-Dichloropropene	8.010	75	211945	50.802	ug/l	98
37) Ethyl Acetate	7.163	43	94373	58.959	ug/l	96
38) Carbon Tetrachloride	7.987	117	203748	49.689	ug/l	96
39) Methylcyclohexane	9.275	83	247358	51.530	ug/l	91
40) Benzene	8.252	78	659481	51.092	ug/l	98

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	45324	53.051	ug/l #	89
42) 1,2-Dichloroethane	8.322	62	166004	51.873	ug/l	96
43) Isopropyl Acetate	8.357	43	175589	59.581	ug/l	92
44) Trichloroethene	9.028	130	165294	46.268	ug/l	90
45) 1,2-Dichloropropane	9.304	63	166922	53.242	ug/l	94
46) Dibromomethane	9.393	93	95534	52.439	ug/l	93
47) Bromodichloromethane	9.587	83	228677	51.942	ug/l	98
48) Methyl methacrylate	9.381	41	84420	63.040	ug/l #	82
49) 1,4-Dioxane	9.387	88	19653	1195.098	ug/l	89
51) 4-Methyl-2-Pentanone	10.157	43	476472	309.137	ug/l	92
52) Toluene	10.334	92	418130	50.636	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	221581	53.873	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	262333	53.235	ug/l	95
55) 1,1,2-Trichloroethane	10.734	97	132704	53.555	ug/l	96
56) Ethyl methacrylate	10.599	69	157194	59.049	ug/l	90
57) 1,3-Dichloropropane	10.881	76	220132	54.878	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	353701	256.343	ug/l	95
59) 2-Hexanone	10.922	43	343109	310.260	ug/l	92
60) Dibromochloromethane	11.075	129	155224	51.145	ug/l	95
61) 1,2-Dibromoethane	11.181	107	125727	52.485	ug/l	99
64) Tetrachloroethene	10.810	164	139716	47.355	ug/l	95
65) Chlorobenzene	11.610	112	440807	49.414	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	160453	49.164	ug/l	97
67) Ethyl Benzene	11.687	91	785805	51.248	ug/l	96
68) m/p-Xylenes	11.793	106	622319	101.365	ug/l	91
69) o-Xylene	12.122	106	284757	50.533	ug/l	89
70) Styrene	12.134	104	511842	53.315	ug/l	98
71) Bromoform	12.298	173	92689	51.236	ug/l #	98
73) Isopropylbenzene	12.422	105	739728	51.266	ug/l	96
74) N-amyl acetate	12.234	43	162941	60.115	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.675	83	156125	57.335	ug/l	97
76) 1,2,3-Trichloropropane	12.728	75	181822	116.725	ug/l #	100
77) Bromobenzene	12.698	156	174729	48.632	ug/l	88
78) n-propylbenzene	12.763	91	922680	52.314	ug/l	96
79) 2-Chlorotoluene	12.851	91	497676	51.170	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	611132	50.714	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	50509	61.375	ug/l	95
82) 4-Chlorotoluene	12.945	91	527452	51.599	ug/l	94
83) tert-Butylbenzene	13.169	119	521800	50.683	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	629651	51.529	ug/l	96
85) sec-Butylbenzene	13.345	105	793462	51.360	ug/l	96
86) p-Isopropyltoluene	13.463	119	671206	51.213	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	363521	49.198	ug/l	97
88) 1,4-Dichlorobenzene	13.540	146	351272	48.318	ug/l	98
89) n-Butylbenzene	13.787	91	630471	52.147	ug/l	99
90) Hexachloroethane	14.051	117	129489	49.818	ug/l	91
91) 1,2-Dichlorobenzene	13.834	146	314510	49.644	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	21081	57.979	ug/l	98
93) 1,2,4-Trichlorobenzene	15.104	180	192247	49.186	ug/l	99
94) Hexachlorobutadiene	15.204	225	97709	47.175	ug/l	99
95) Naphthalene	15.334	128	398820	55.646	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	176561	50.822	ug/l	99

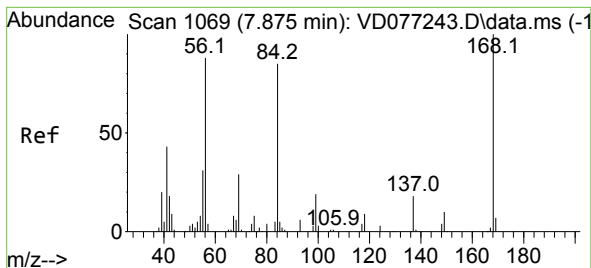
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Response via : Initial Calibration

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: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD077245.D

Acq: 29 Sep 2023 14:16

Instrument :

MSVOA_D

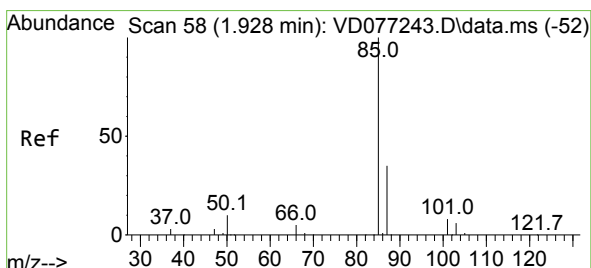
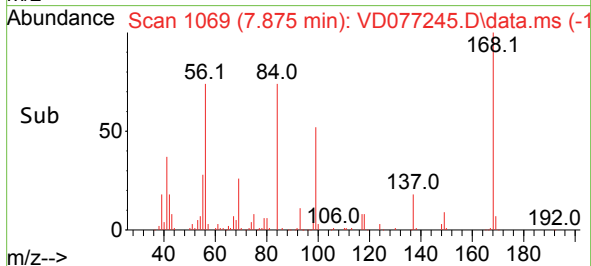
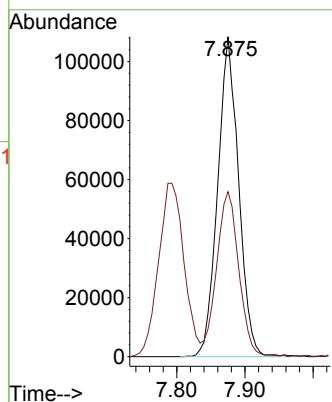
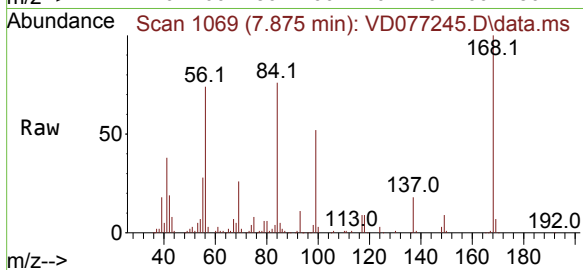
ClientSampleId :

Tgt Ion:168 Resp: 231653

Ion Ratio Lower Upper

168 100

99 51.3 36.7 55.1



#2

Dichlorodifluoromethane

Concen: 44.790 ug/l

RT: 1.928 min Scan# 58

Delta R.T. 0.000 min

Lab File: VD077245.D

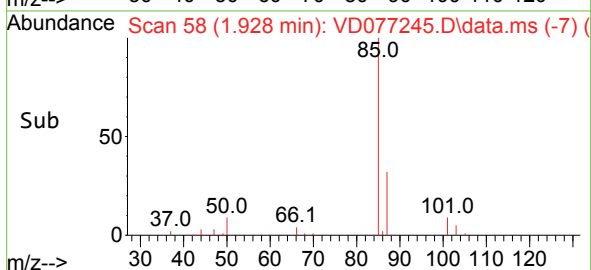
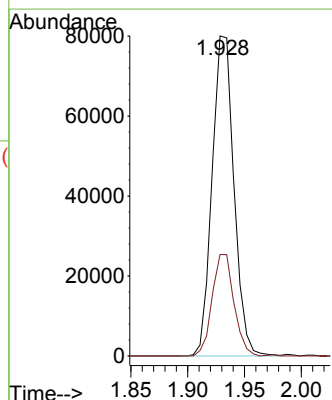
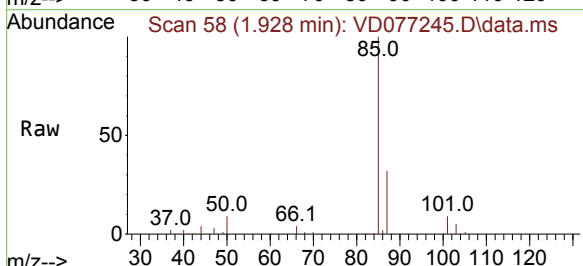
Acq: 29 Sep 2023 14:16

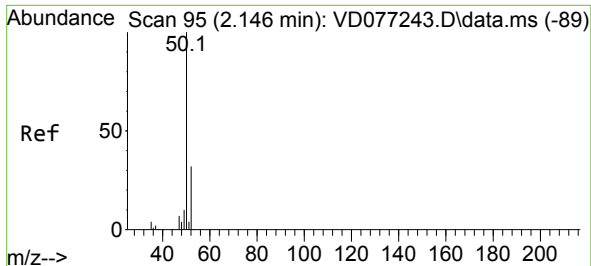
Tgt Ion: 85 Resp: 107226

Ion Ratio Lower Upper

85 100

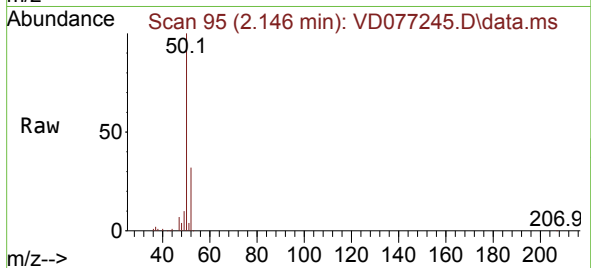
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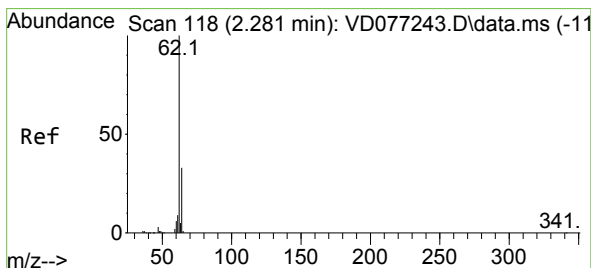
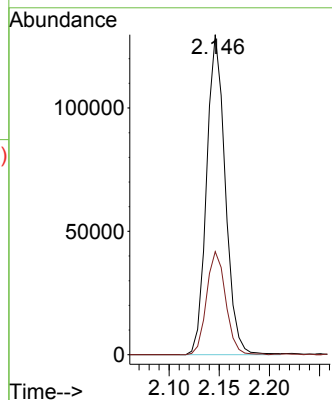
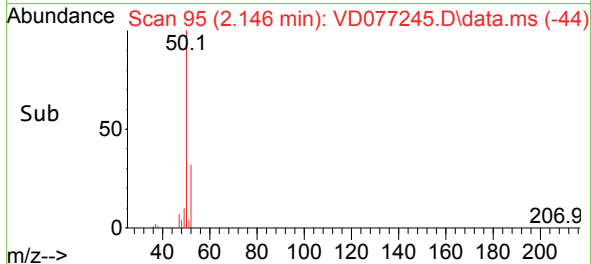


#3
Chloromethane
Concen: 38.011 ug/l
RT: 2.146 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD077245.D
Acq: 29 Sep 2023 14:16

Instrument :
MSVOA_D
ClientSampleId :

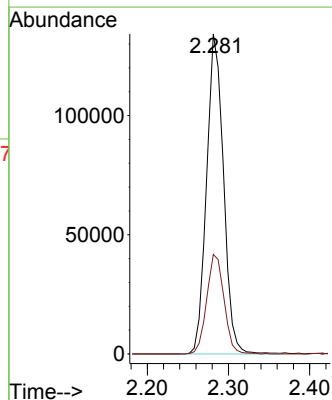
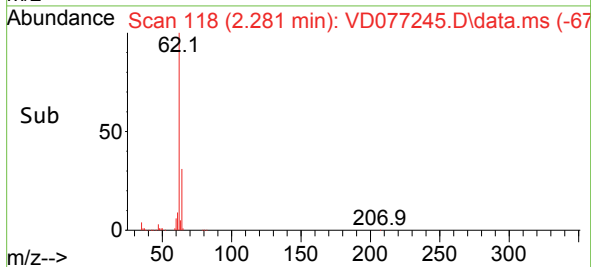
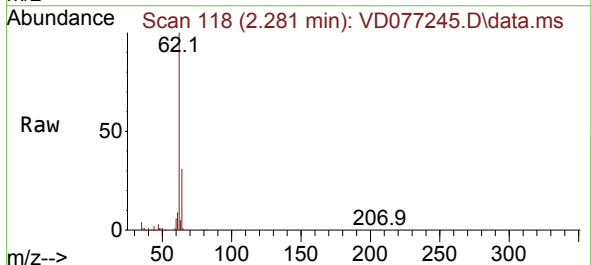


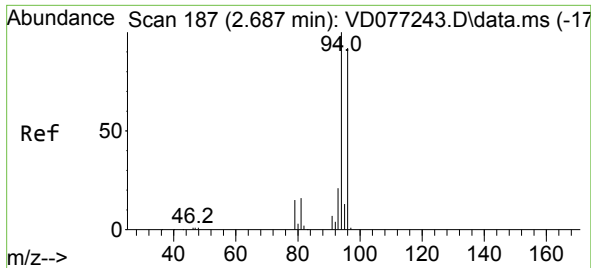
Tgt Ion: 50 Resp: 168207
Ion Ratio Lower Upper
50 100
52 32.2 26.6 40.0



#4
Vinyl Chloride
Concen: 40.996 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD077245.D
Acq: 29 Sep 2023 14:16

Tgt Ion: 62 Resp: 194062
Ion Ratio Lower Upper
62 100
64 31.1 26.0 39.0

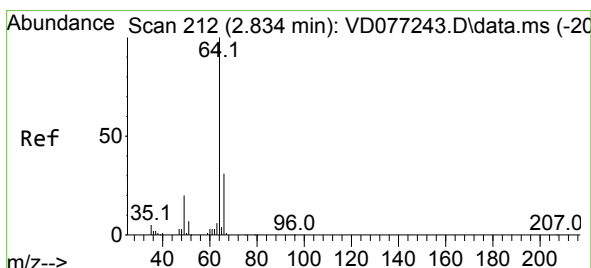
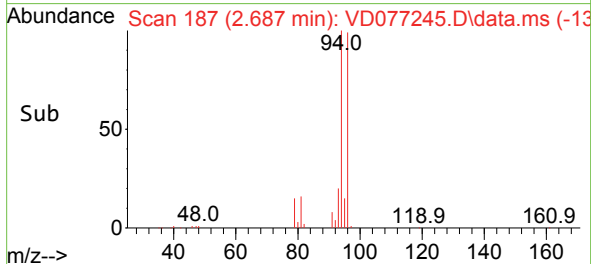
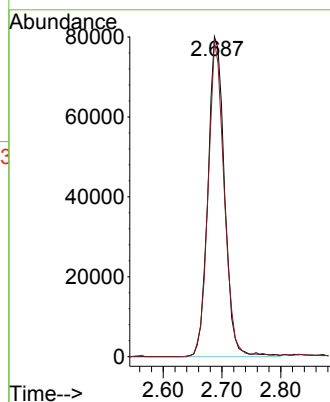
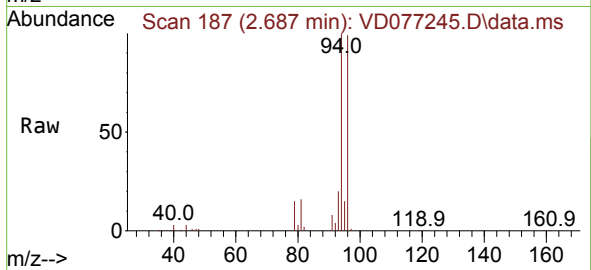




#5
Bromomethane
Concen: 45.497 ug/l
RT: 2.687 min Scan# 187
Delta R.T. 0.000 min
Lab File: VD077245.D
Acq: 29 Sep 2023 14:16

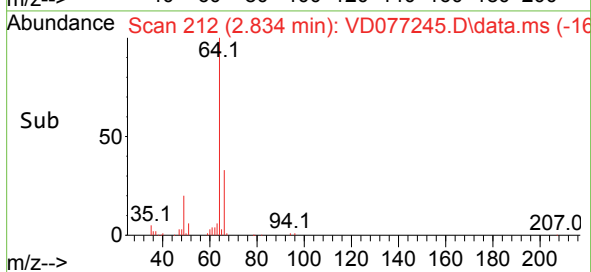
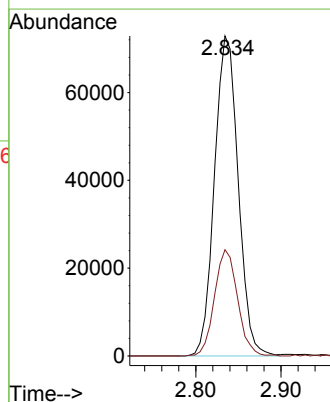
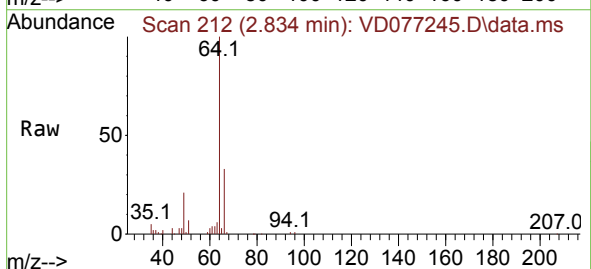
Instrument :
MSVOA_D
ClientSampleId :

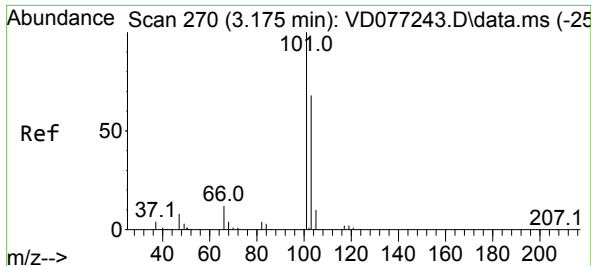
Tgt Ion: 94 Resp: 156857
Ion Ratio Lower Upper
94 100
96 95.2 75.8 113.8



#6
Chloroethane
Concen: 47.898 ug/l
RT: 2.834 min Scan# 212
Delta R.T. 0.000 min
Lab File: VD077245.D
Acq: 29 Sep 2023 14:16

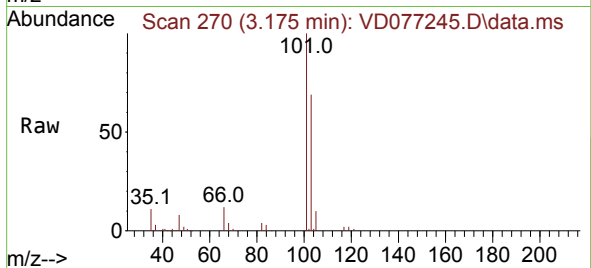
Tgt Ion: 64 Resp: 141084
Ion Ratio Lower Upper
64 100
66 33.2 25.5 38.3



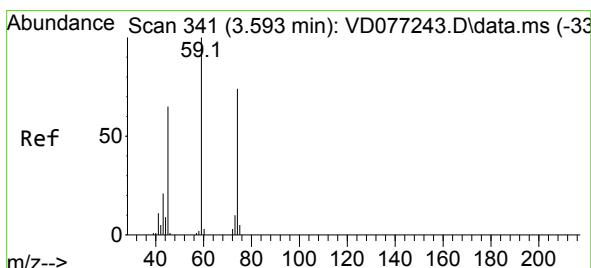
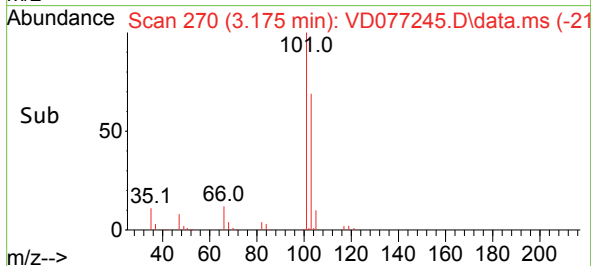
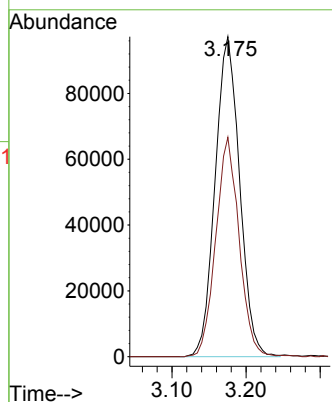


#7
 Trichlorofluoromethane
 Concen: 52.196 ug/l
 RT: 3.175 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD077245.D
 Acq: 29 Sep 2023 14:16

Instrument :
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 ClientSampleId :

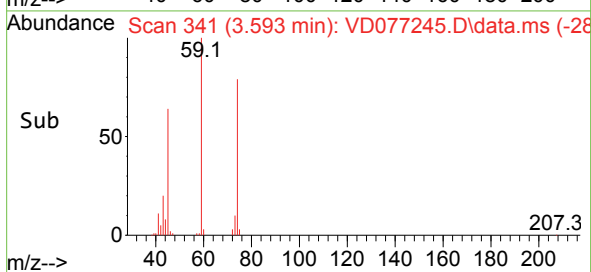
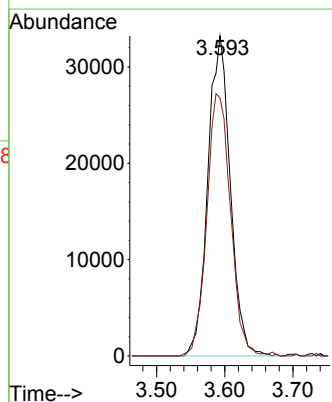
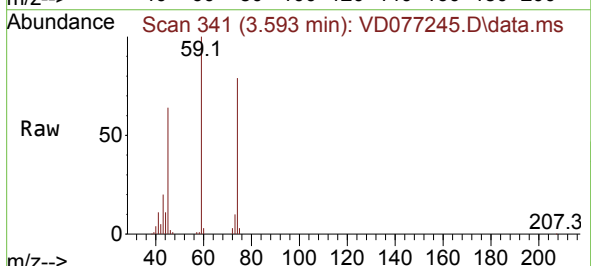


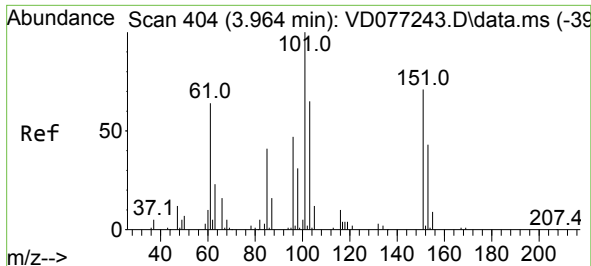
Tgt Ion:101 Resp: 223326
 Ion Ratio Lower Upper
 101 100
 103 68.5 52.3 78.5



#8
 Diethyl Ether
 Concen: 55.113 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VD077245.D
 Acq: 29 Sep 2023 14:16

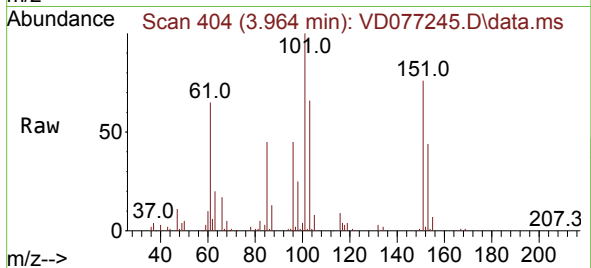
Tgt Ion: 74 Resp: 76107
 Ion Ratio Lower Upper
 74 100
 45 86.5 37.5 112.7



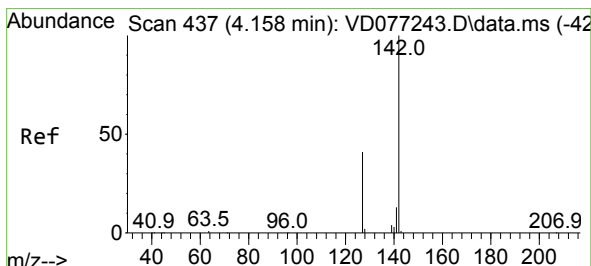
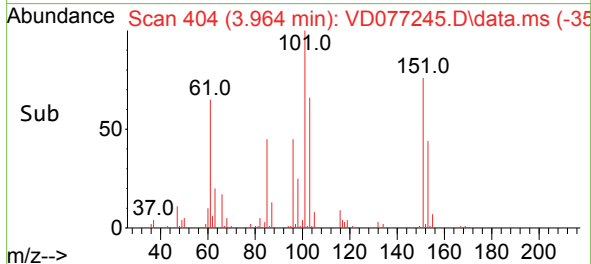
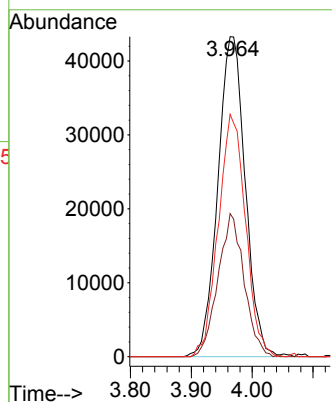


#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 50.579 ug/l
 RT: 3.964 min Scan# 404
 Delta R.T. 0.006 min
 Lab File: VD077245.D
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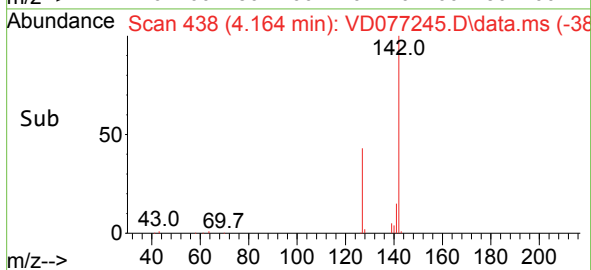
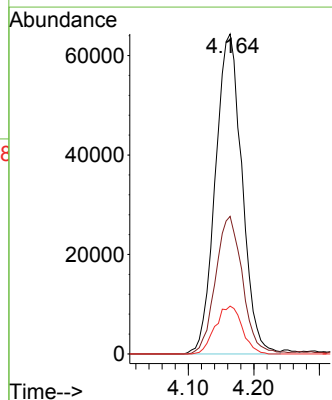
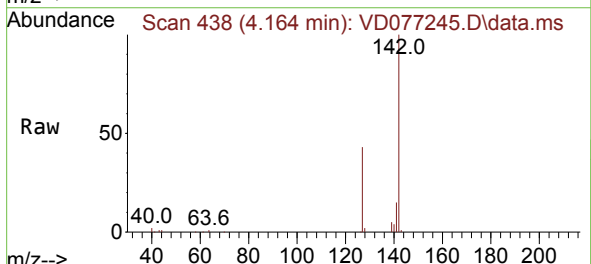


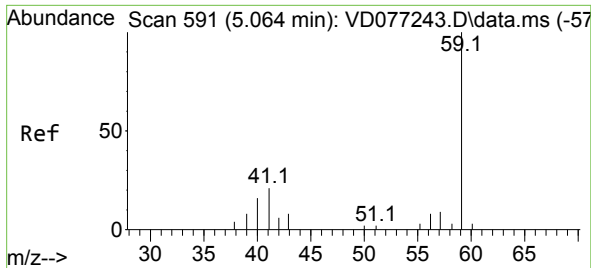
Tgt Ion:101 Resp: 135300
 Ion Ratio Lower Upper
 101 100
 85 42.6 33.8 50.6
 151 75.3 59.8 89.6



#10
 Methyl Iodide
 Concen: 47.389 ug/l
 RT: 4.164 min Scan# 438
 Delta R.T. 0.006 min
 Lab File: VD077245.D
 Acq: 29 Sep 2023 14:16

Tgt Ion:142 Resp: 181189
 Ion Ratio Lower Upper
 142 100
 127 43.6 29.4 44.0
 141 15.1 11.1 16.7

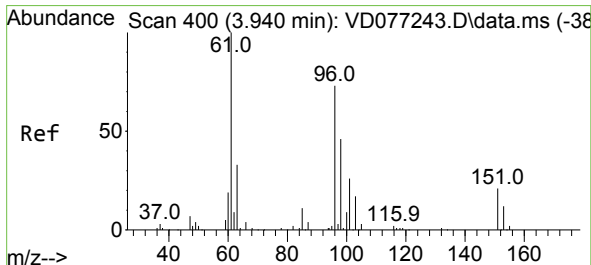
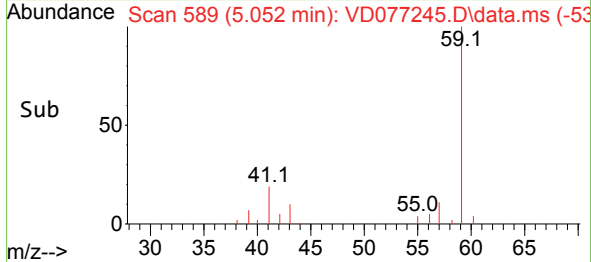
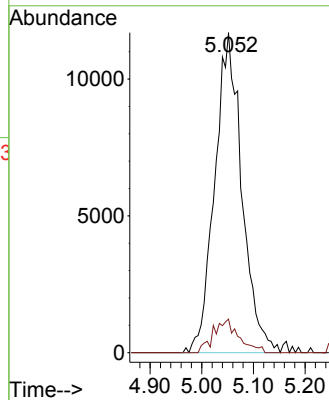
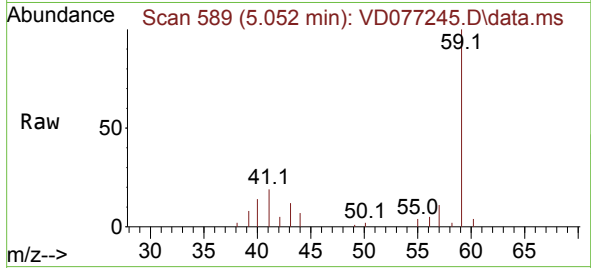




#11
Tert butyl alcohol
Concen: 320.080 ug/l
RT: 5.052 min Scan# 591
Delta R.T. 0.006 min
Lab File: VD077245.D
Acq: 29 Sep 2023 14:16

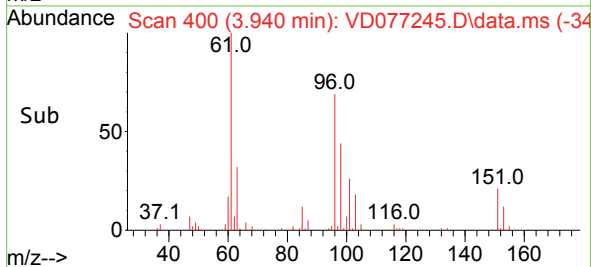
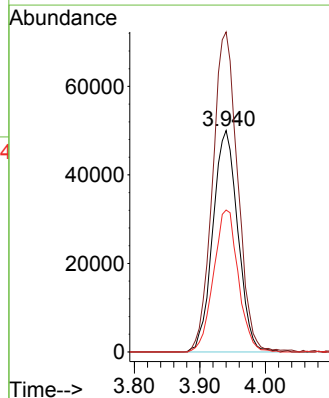
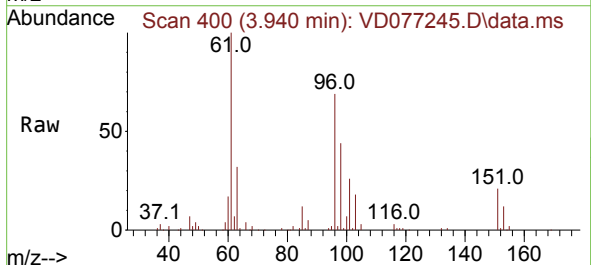
Instrument :
MSVOA_D
ClientSampleId :

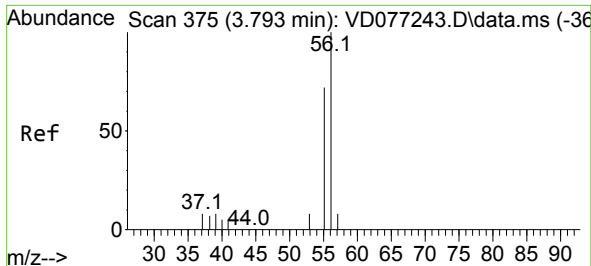
Tgt Ion: 59 Resp: 42665
Ion Ratio Lower Upper
59 100
57 9.7 7.8 11.8



#12
1,1-Dichloroethene
Concen: 49.122 ug/l
RT: 3.940 min Scan# 400
Delta R.T. 0.000 min
Lab File: VD077245.D
Acq: 29 Sep 2023 14:16

Tgt Ion: 96 Resp: 132374
Ion Ratio Lower Upper
96 100
61 144.5 100.6 150.8
98 64.1 50.2 75.2

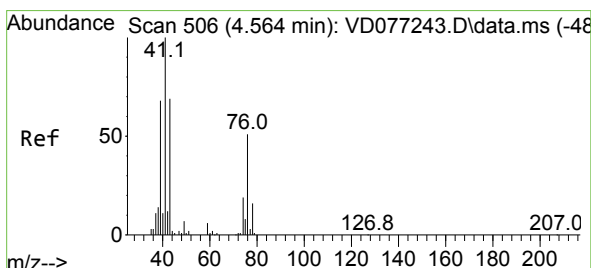
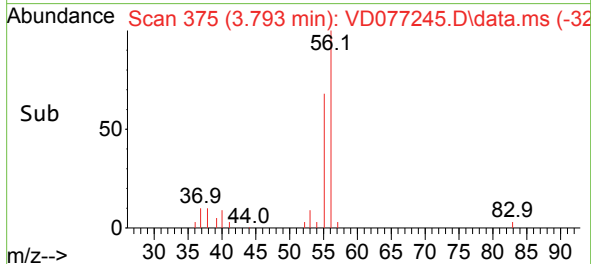
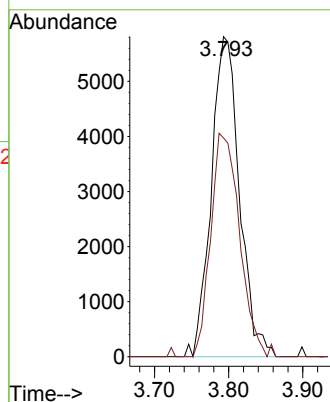
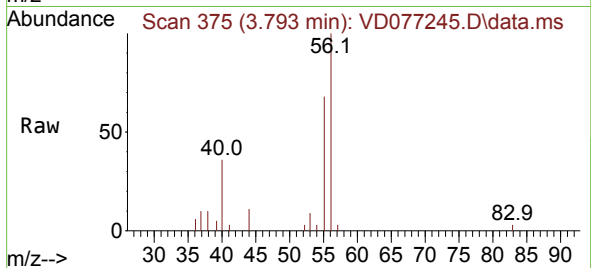




#13
Acrolein
Concen: 163.319 ug/l
RT: 3.793 min Scan# 31
Delta R.T. 0.000 min
Lab File: VD077245.D
Acq: 29 Sep 2023 14:16

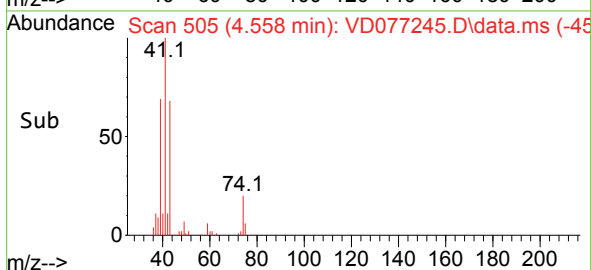
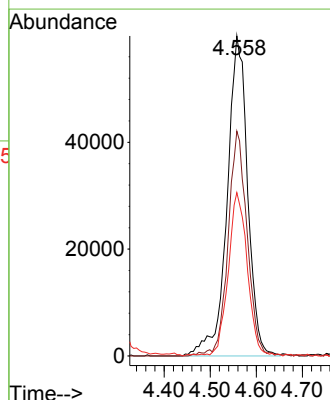
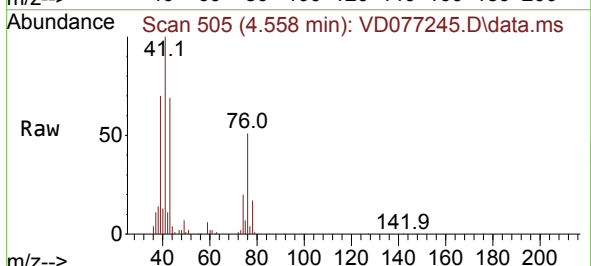
Instrument :
MSVOA_D
ClientSampleId :

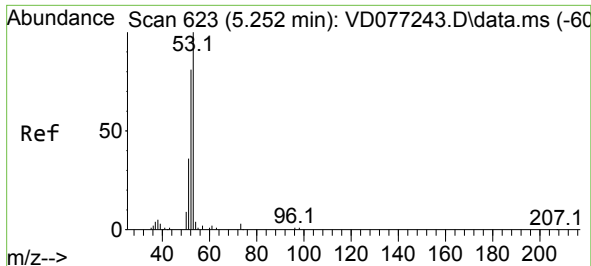
Tgt Ion: 56 Resp: 15358
Ion Ratio Lower Upper
56 100
55 71.0 55.1 82.7



#14
Allyl chloride
Concen: 56.336 ug/l
RT: 4.558 min Scan# 505
Delta R.T. 0.000 min
Lab File: VD077245.D
Acq: 29 Sep 2023 14:16

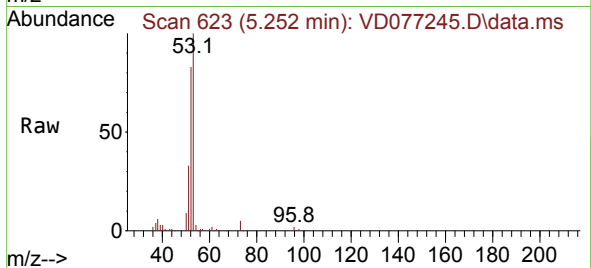
Tgt Ion: 41 Resp: 185220
Ion Ratio Lower Upper
41 100
39 65.2 53.8 80.6
76 47.3 45.8 68.8



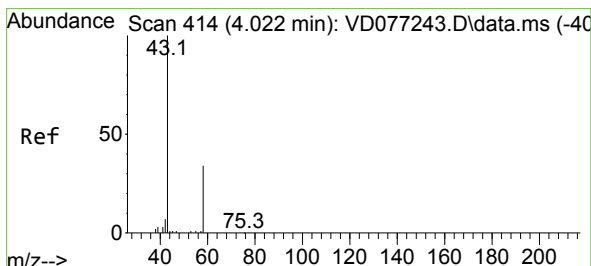
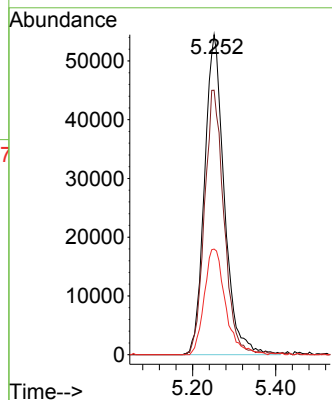
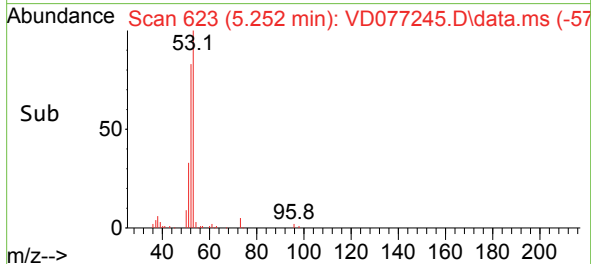


#15
Acrylonitrile
Concen: 310.372 ug/l
RT: 5.252 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077245.D
Acq: 29 Sep 2023 14:16

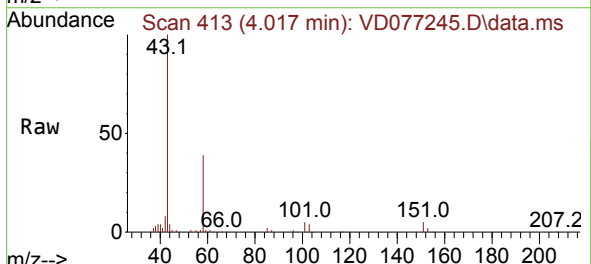
Instrument :
MSVOA_D
ClientSampleId :



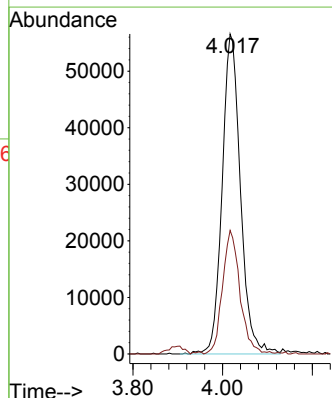
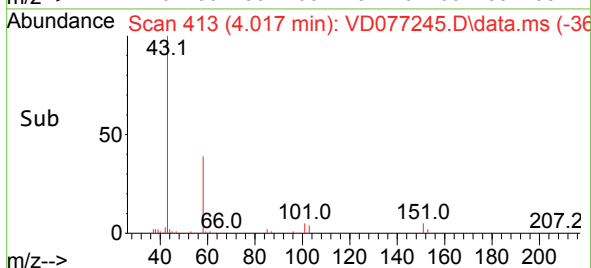
Tgt Ion: 53 Resp: 179722
Ion Ratio Lower Upper
53 100
52 80.9 65.0 97.4
51 35.4 28.3 42.5

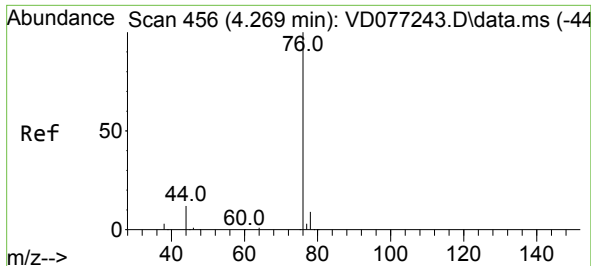


#16
Acetone
Concen: 300.919 ug/l
RT: 4.017 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD077245.D
Acq: 29 Sep 2023 14:16



Tgt Ion: 43 Resp: 160789
Ion Ratio Lower Upper
43 100
58 38.3 34.7 52.1

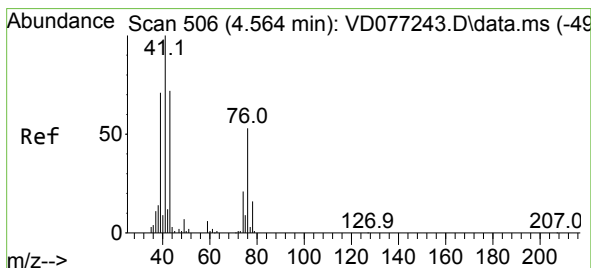
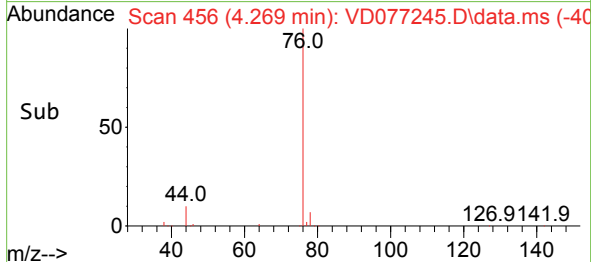
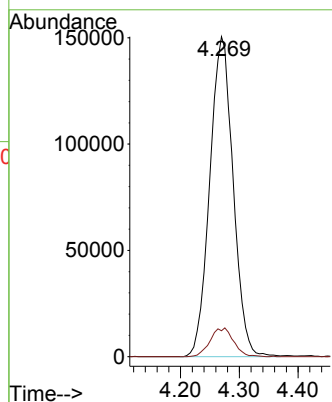
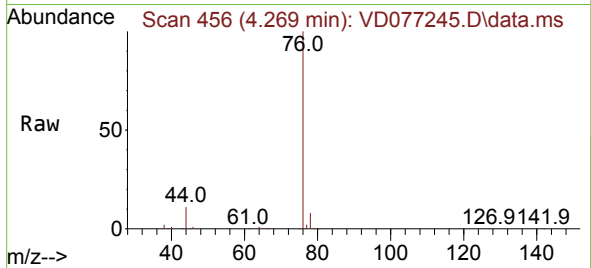




#17
Carbon Disulfide
Concen: 46.848 ug/l
RT: 4.269 min Scan# 415
Delta R.T. 0.000 min
Lab File: VD077245.D
Acq: 29 Sep 2023 14:16

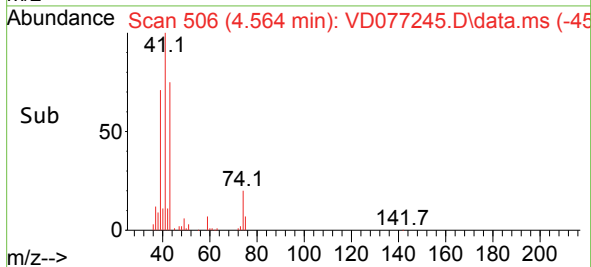
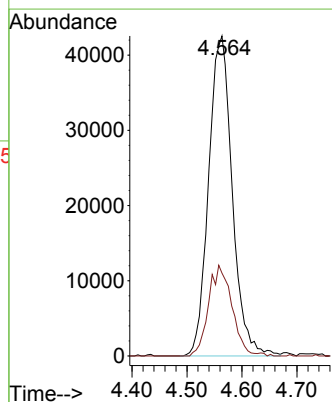
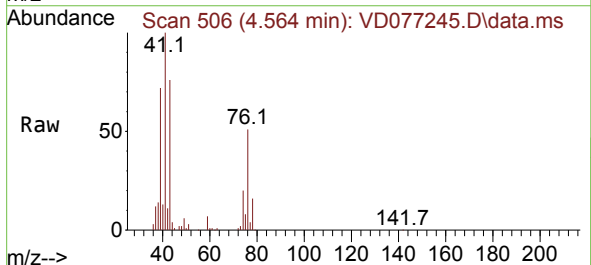
Instrument :
MSVOA_D
ClientSampleId :

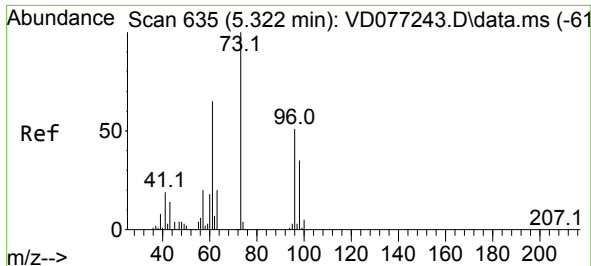
Tgt Ion: 76 Resp: 415599
Ion Ratio Lower Upper
76 100
78 8.1 6.8 10.2



#18
Methyl Acetate
Concen: 62.921 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.006 min
Lab File: VD077245.D
Acq: 29 Sep 2023 14:16

Tgt Ion: 43 Resp: 127131
Ion Ratio Lower Upper
43 100
74 28.2 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 57.820 ug/l

RT: 5.316 min Scan# 61

Delta R.T. 0.006 min

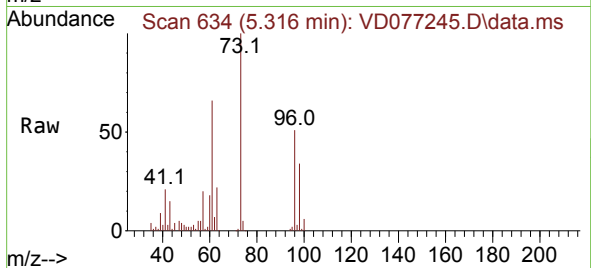
Lab File: VD077245.D

Acq: 29 Sep 2023 14:16

Instrument :

MSVOA_D

ClientSampleId :

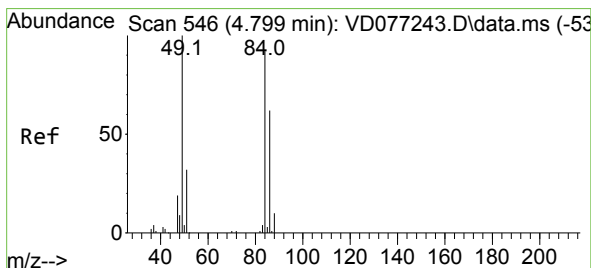
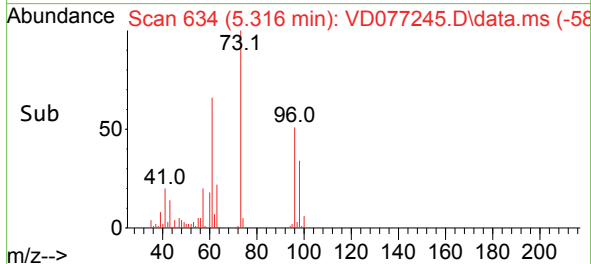
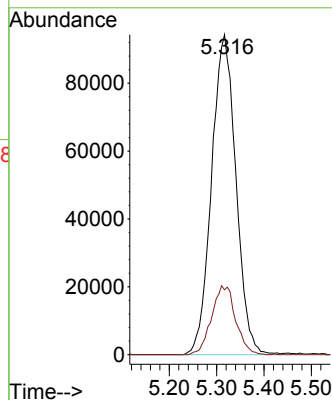


Tgt Ion: 73 Resp: 337160

Ion Ratio Lower Upper

73 100

57 20.2 16.6 25.0



#20

Methylene Chloride

Concen: 53.697 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.000 min

Lab File: VD077245.D

Acq: 29 Sep 2023 14:16

Tgt Ion: 84 Resp: 183913

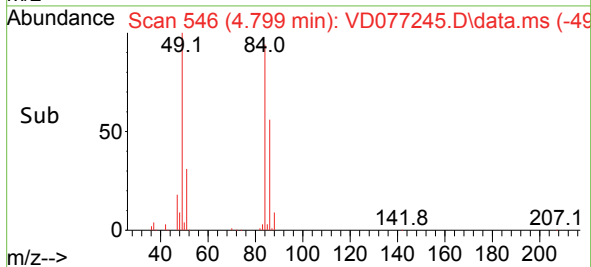
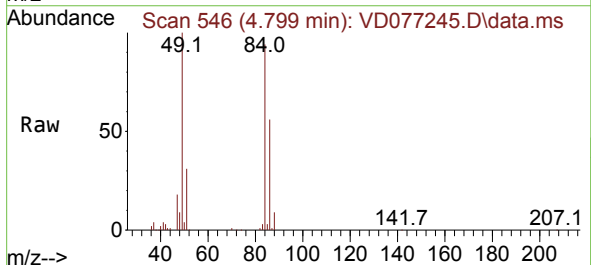
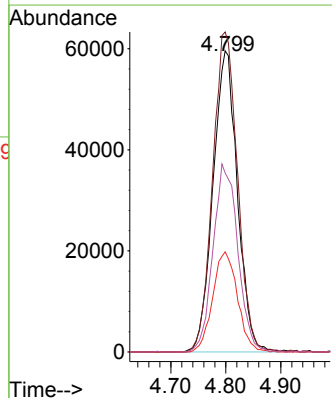
Ion Ratio Lower Upper

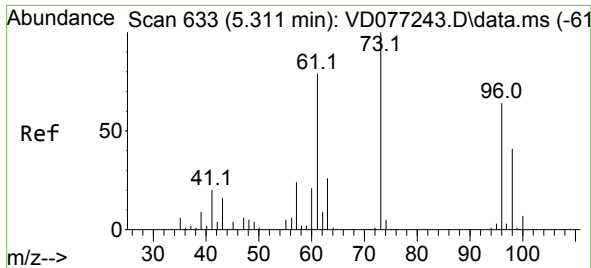
84 100

49 106.3 71.4 107.2

51 33.3 24.5 36.7

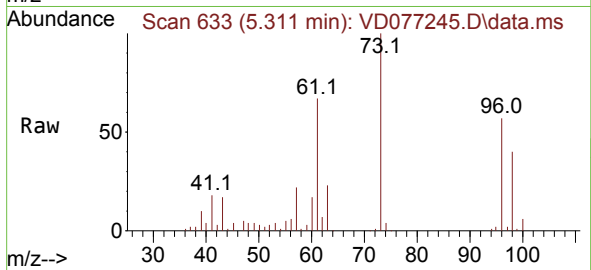
86 59.5 48.7 73.1



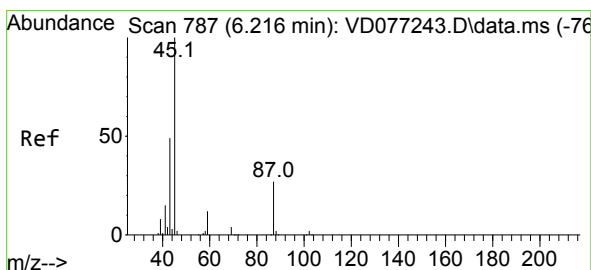
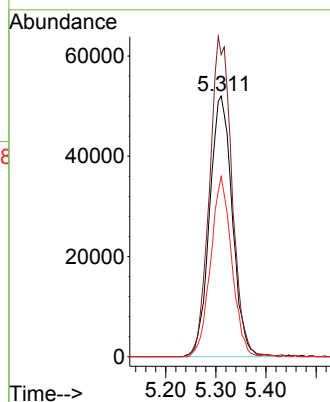
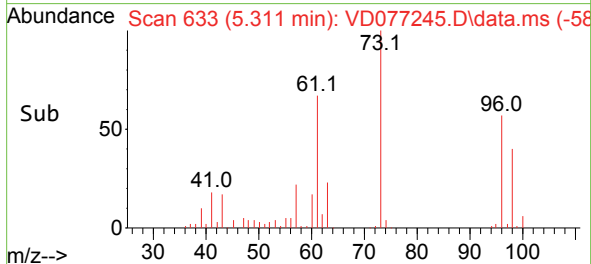


#21
trans-1,2-Dichloroethene
Concen: 50.273 ug/l
RT: 5.311 min Scan# 611
Delta R.T. 0.006 min
Lab File: VD077245.D
Acq: 29 Sep 2023 14:16

Instrument :
MSVOA_D
ClientSampleId :

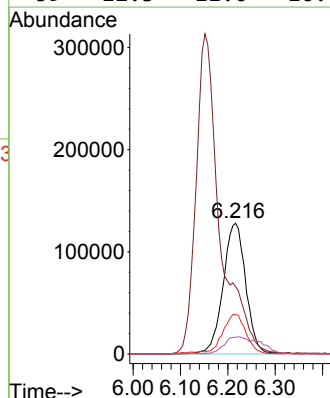
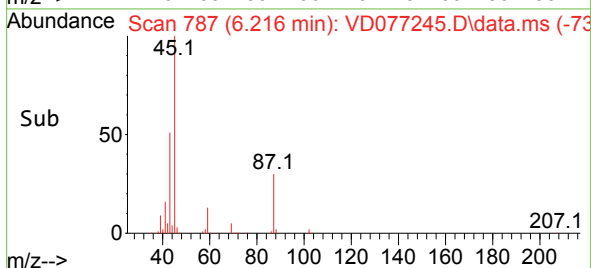
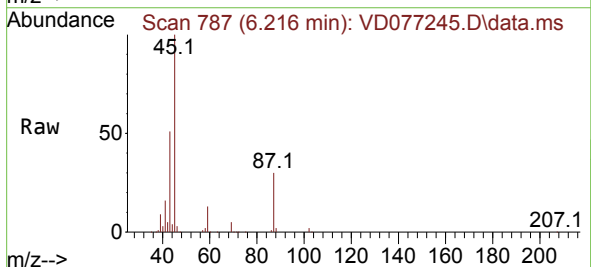


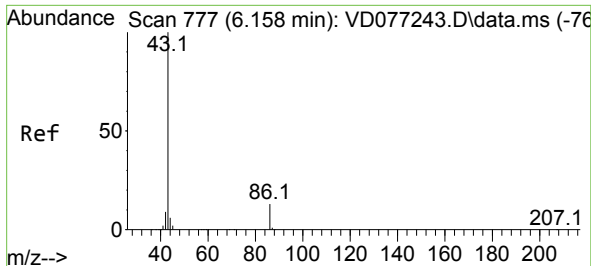
Tgt Ion: 96 Resp: 163766
Ion Ratio Lower Upper
96 100
61 115.9 89.3 133.9
98 69.1 48.6 73.0



#22
Diisopropyl ether
Concen: 57.162 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD077245.D
Acq: 29 Sep 2023 14:16

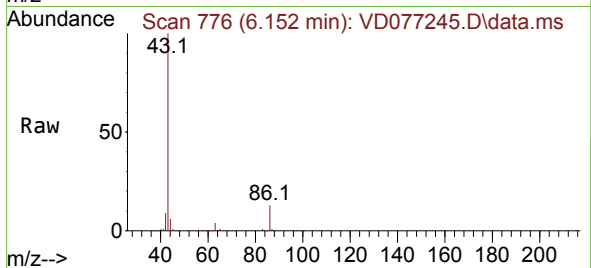
Tgt Ion: 45 Resp: 424914
Ion Ratio Lower Upper
45 100
43 50.2 40.0 60.0
87 29.9 28.2 42.4
59 12.3 11.0 16.4



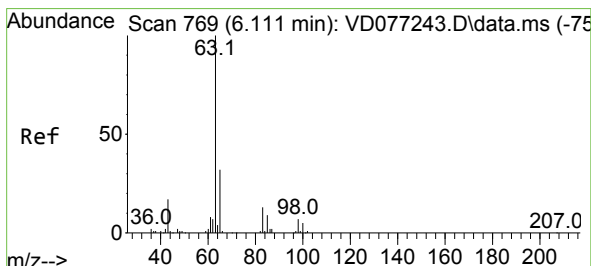
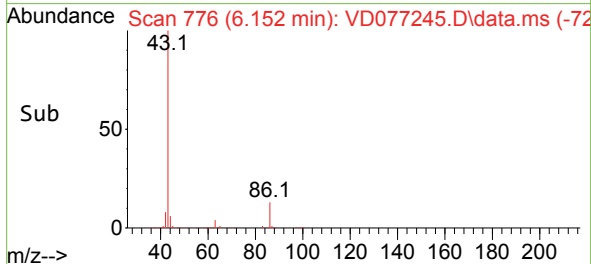
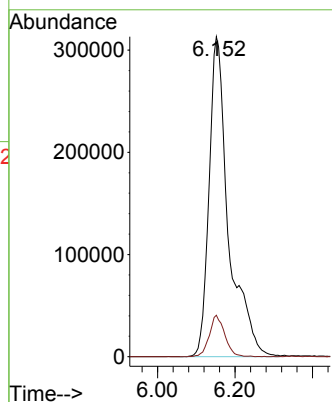


#23
 Vinyl Acetate
 Concen: 368.095 ug/l
 RT: 6.152 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VD077245.D
 Acq: 29 Sep 2023 14:16

Instrument :
 MSVOA_D
 ClientSampleId :

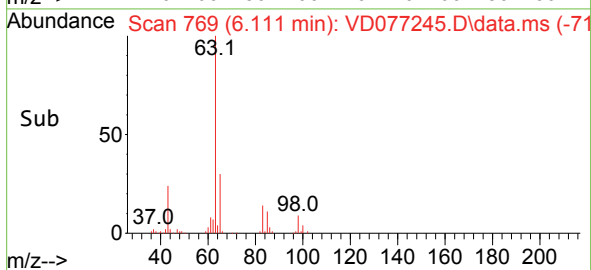
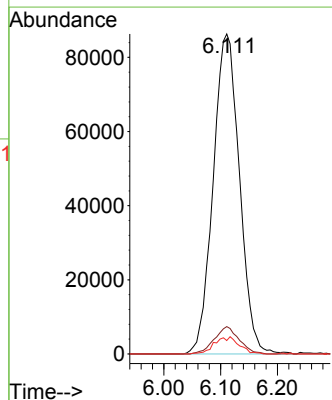
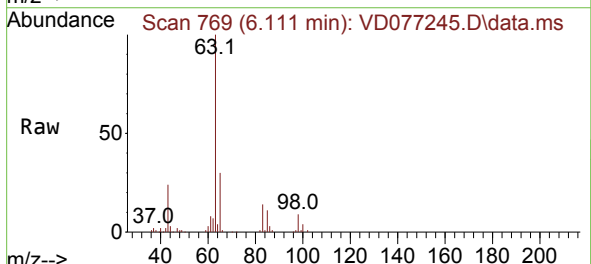


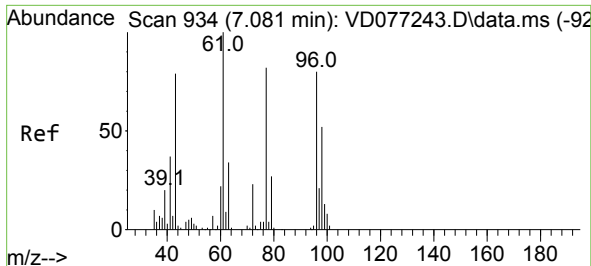
Tgt Ion: 43 Resp: 1093906
 Ion Ratio Lower Upper
 43 100
 86 13.0 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 51.963 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VD077245.D
 Acq: 29 Sep 2023 14:16

Tgt Ion: 63 Resp: 277237
 Ion Ratio Lower Upper
 63 100
 98 8.5 4.5 13.7
 100 4.2 2.5 7.5

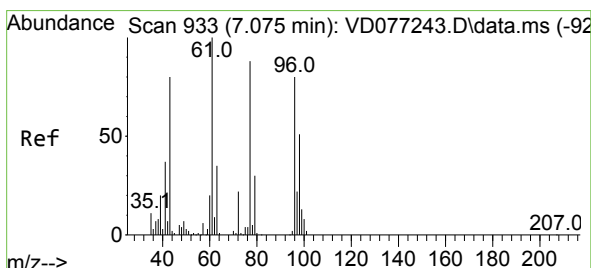
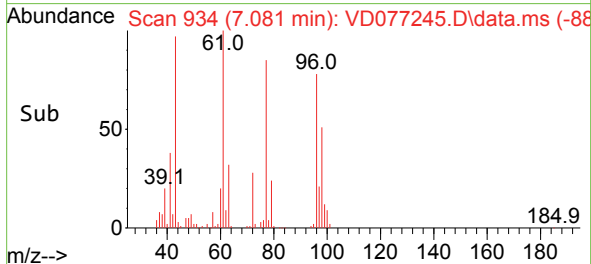
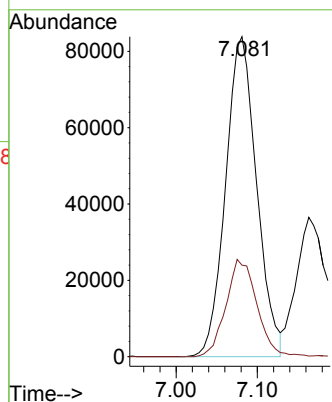
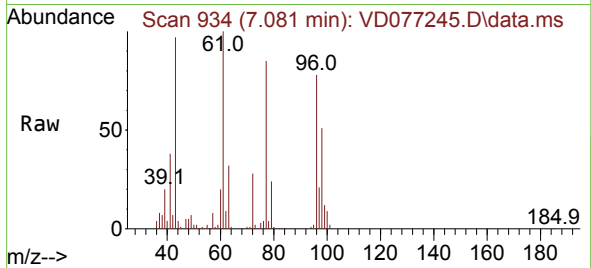




#25
2-Butanone
Concen: 317.319 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD077245.D
Acq: 29 Sep 2023 14:16

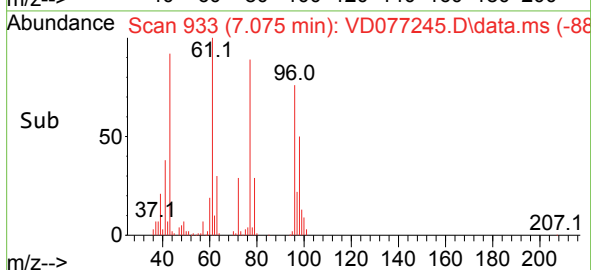
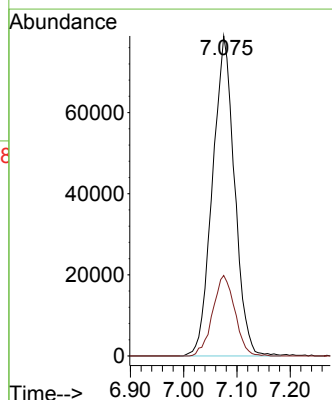
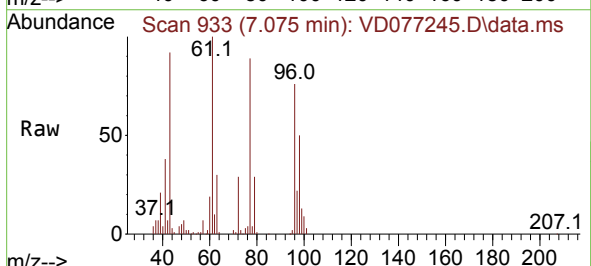
Instrument :
MSVOA_D
ClientSampleId :

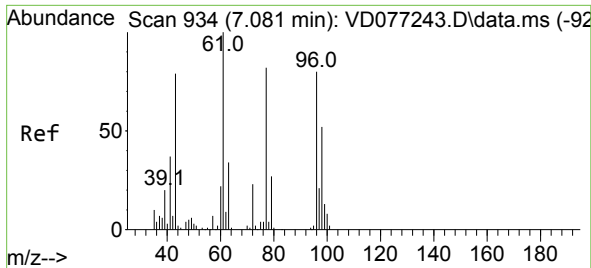
Tgt Ion: 43 Resp: 223063
Ion Ratio Lower Upper
43 100
72 28.6 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 50.054 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD077245.D
Acq: 29 Sep 2023 14:16

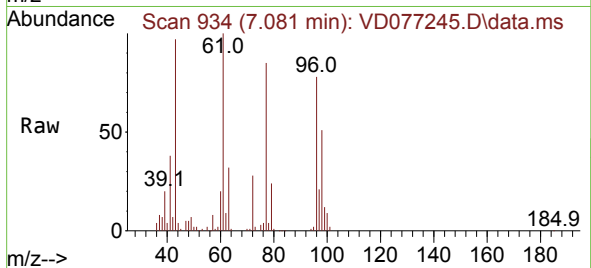
Tgt Ion: 77 Resp: 226680
Ion Ratio Lower Upper
77 100
97 25.4 13.2 39.6



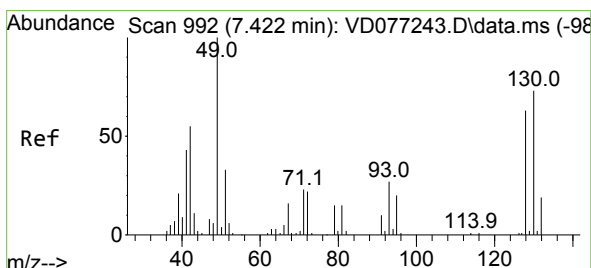
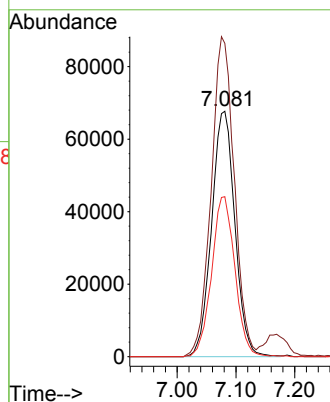
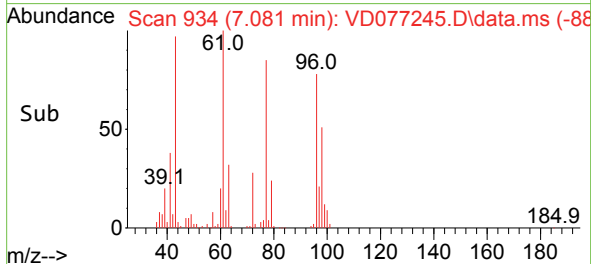


#27
 cis-1,2-Dichloroethene
 Concen: 50.822 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VD077245.D
 Acq: 29 Sep 2023 14:16

Instrument :
 MSVOA_D
 ClientSampleId :

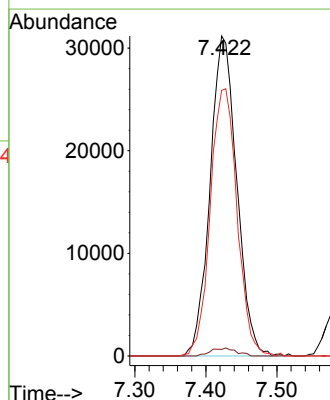
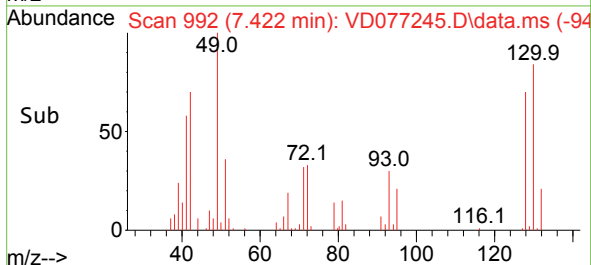
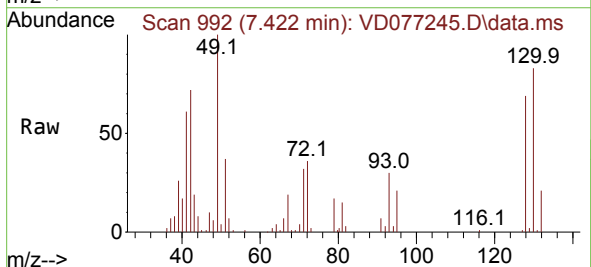


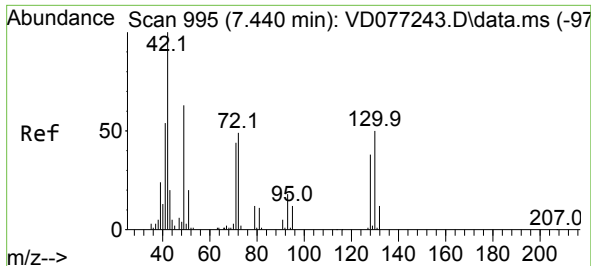
Tgt Ion: 96 Resp: 186110
 Ion Ratio Lower Upper
 96 100
 61 129.4 0.0 239.2
 98 65.4 0.0 128.6



#28
 Bromochloromethane
 Concen: 49.634 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. -0.006 min
 Lab File: VD077245.D
 Acq: 29 Sep 2023 14:16

Tgt Ion: 49 Resp: 81315
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 6.0
 130 83.7 83.2 124.8





#29

Tetrahydrofuran

Concen: 321.706 ug/l

RT: 7.440 min Scan# 995

Delta R.T. 0.000 min

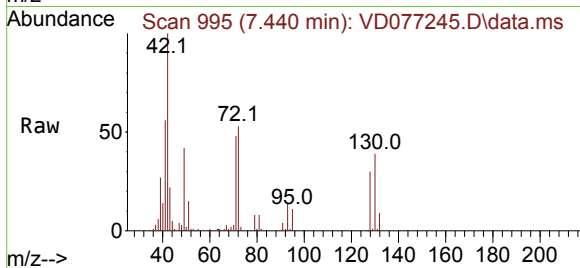
Lab File: VD077245.D

Acq: 29 Sep 2023 14:16

Instrument :

MSVOA_D

ClientSampleId :



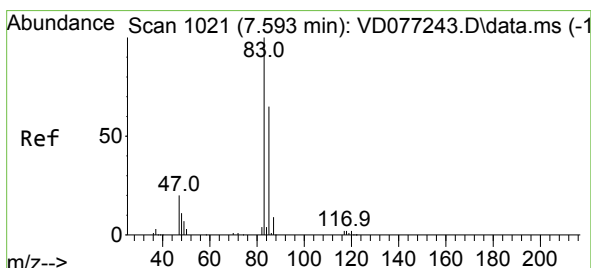
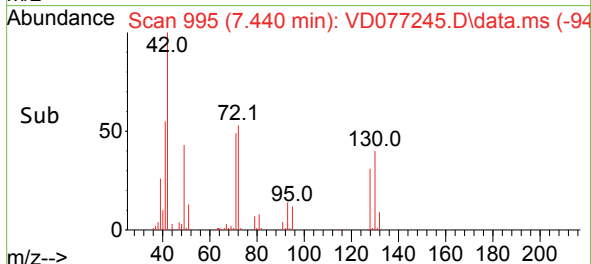
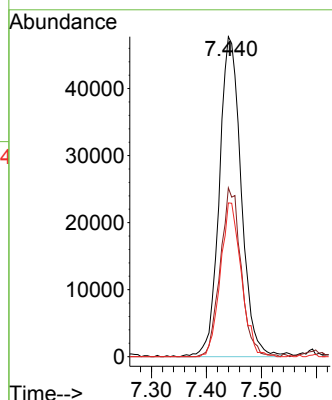
Tgt Ion: 42 Resp: 132203

Ion Ratio Lower Upper

42 100

72 50.1 46.5 69.7

71 45.8 44.5 66.7



#30

Chloroform

Concen: 51.942 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. 0.000 min

Lab File: VD077245.D

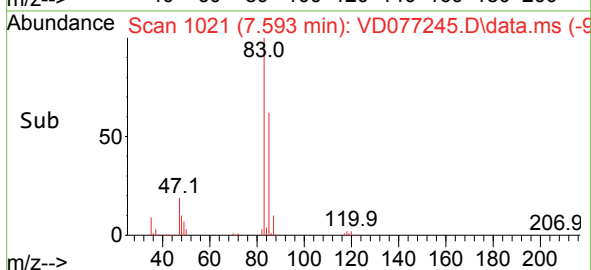
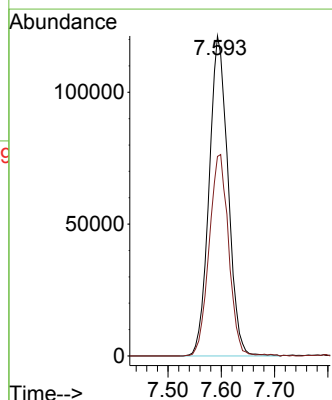
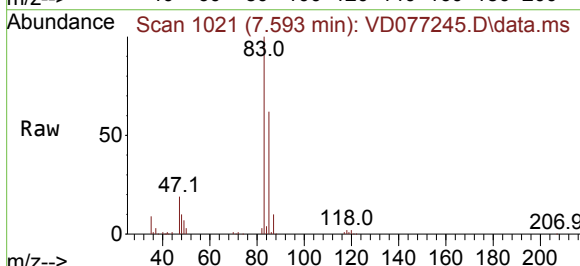
Acq: 29 Sep 2023 14:16

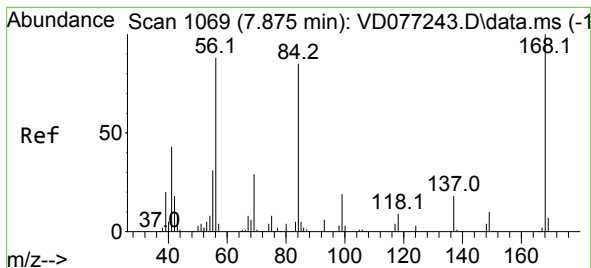
Tgt Ion: 83 Resp: 298665

Ion Ratio Lower Upper

83 100

85 62.4 53.4 80.2





#31

Cyclohexane

Concen: 51.532 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. 0.000 min

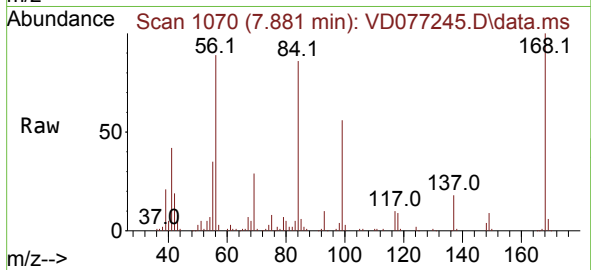
Lab File: VD077245.D

Acq: 29 Sep 2023 14:16

Instrument :

MSVOA_D

ClientSampleId :



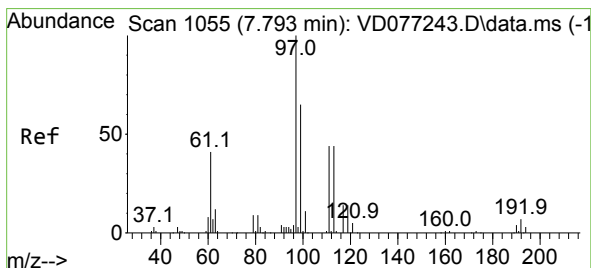
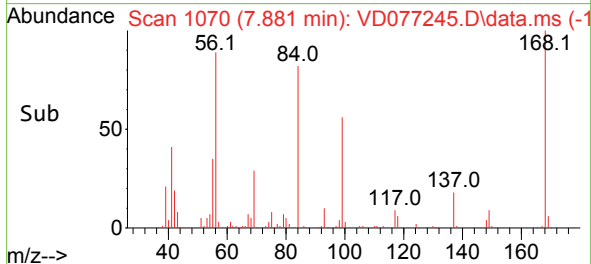
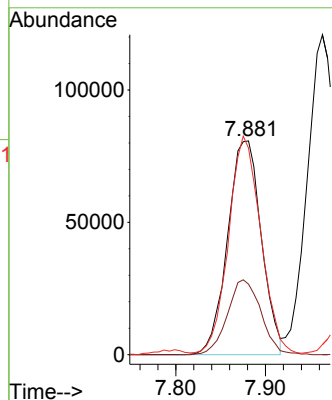
Tgt Ion: 56 Resp: 210767

Ion Ratio Lower Upper

56 100

69 33.0 28.6 43.0

84 94.8 84.8 127.2



#32

1,1,1-Trichloroethane

Concen: 50.629 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VD077245.D

Acq: 29 Sep 2023 14:16

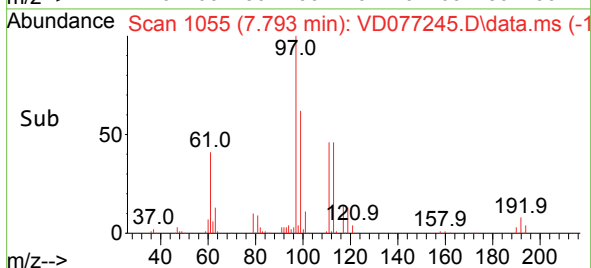
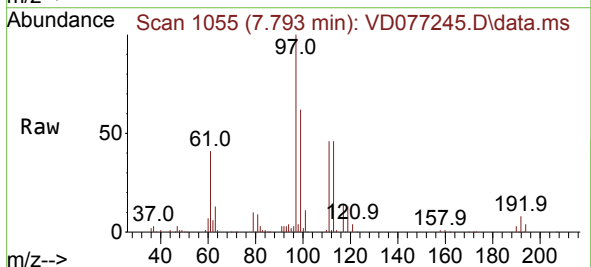
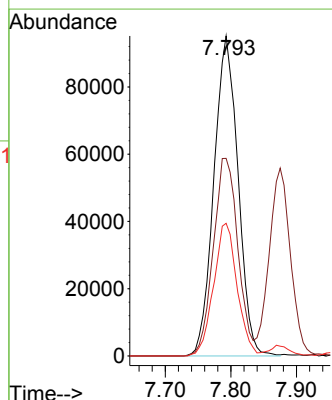
Tgt Ion: 97 Resp: 243000

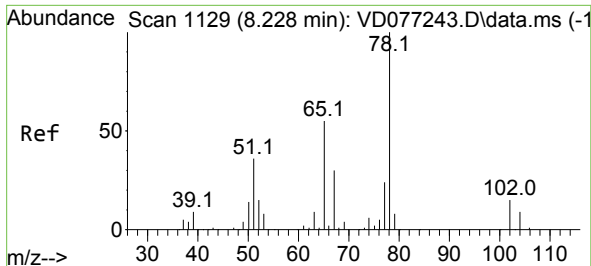
Ion Ratio Lower Upper

97 100

99 62.9 52.0 78.0

61 40.5 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 53.350 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD077245.D

Acq: 29 Sep 2023 14:16

Instrument :

MSVOA_D

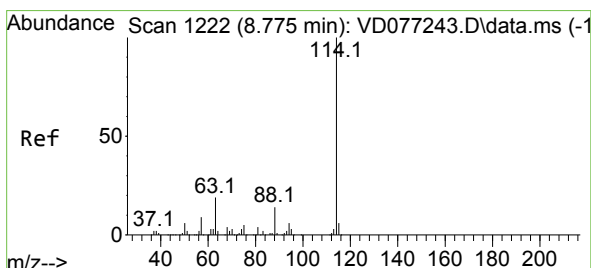
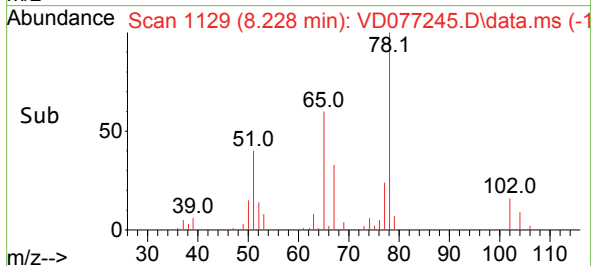
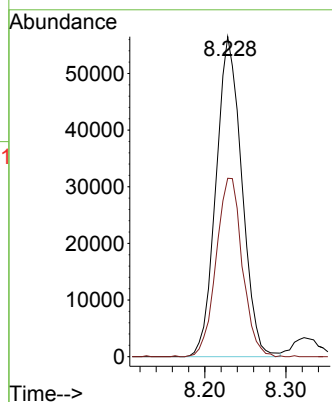
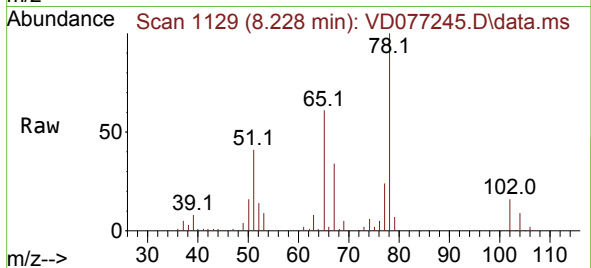
ClientSampleId :

Tgt Ion: 65 Resp: 124725

Ion Ratio Lower Upper

65 100

67 56.6 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD077245.D

Acq: 29 Sep 2023 14:16

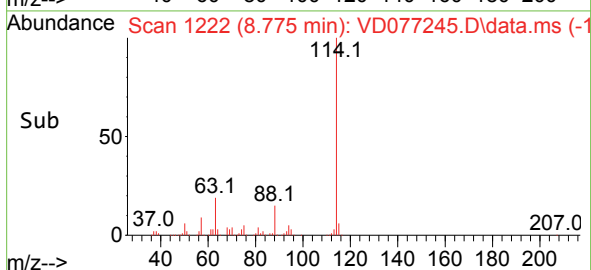
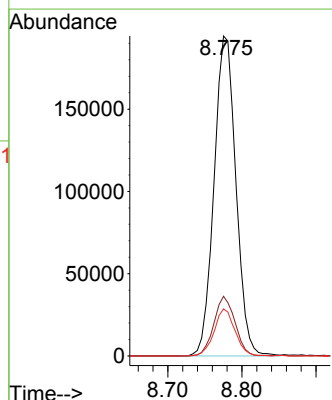
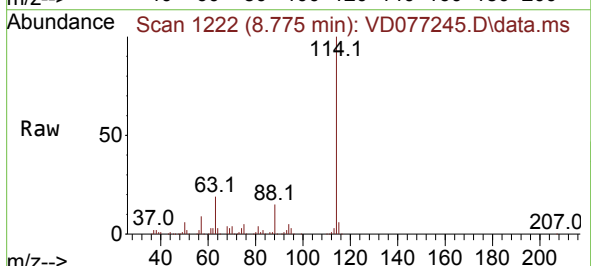
Tgt Ion:114 Resp: 398829

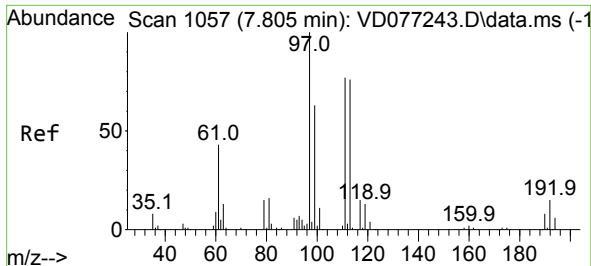
Ion Ratio Lower Upper

114 100

63 18.6 0.0 33.4

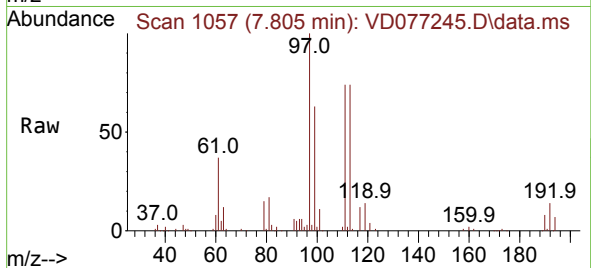
88 14.7 0.0 26.2



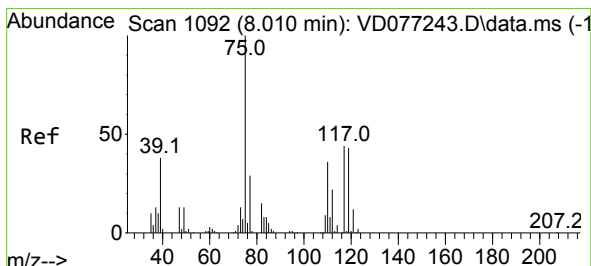
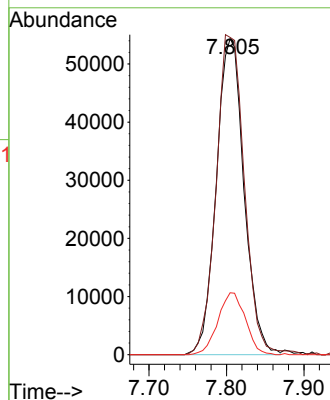
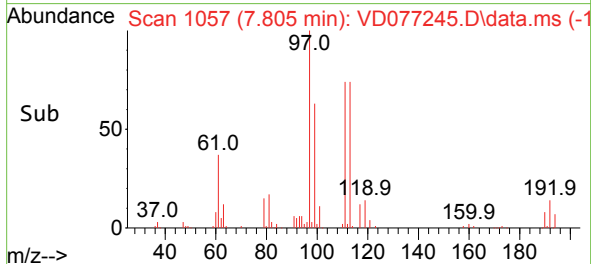


#35
Dibromofluoromethane
Concen: 48.794 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD077245.D
Acq: 29 Sep 2023 14:16

Instrument :
MSVOA_D
ClientSampleId :

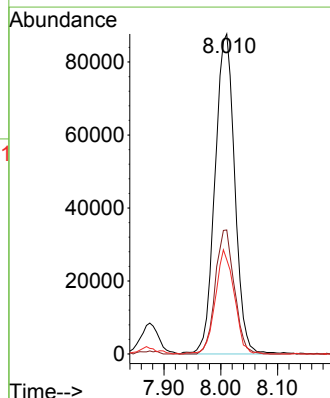
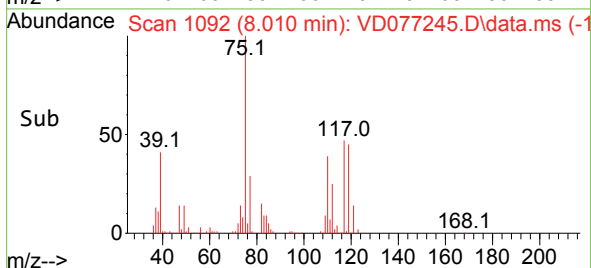
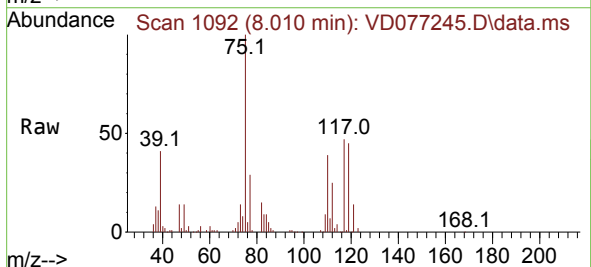


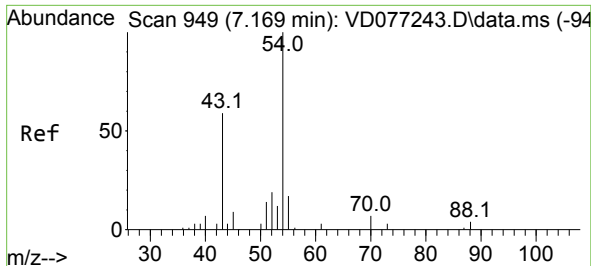
Tgt Ion:113 Resp: 135171
Ion Ratio Lower Upper
113 100
111 103.2 84.7 127.1
192 19.4 16.8 25.2



#36
1,1-Dichloropropene
Concen: 50.802 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VD077245.D
Acq: 29 Sep 2023 14:16

Tgt Ion: 75 Resp: 211945
Ion Ratio Lower Upper
75 100
110 37.4 19.9 59.6
77 31.2 24.7 37.1





#37

Ethyl Acetate

Concen: 58.959 ug/l

RT: 7.163 min Scan# 949

Delta R.T. -0.006 min

Lab File: VD077245.D

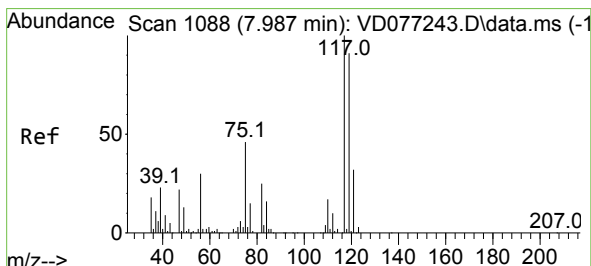
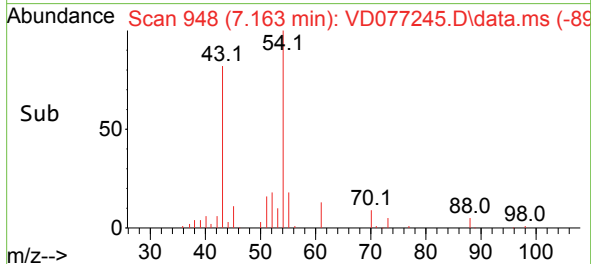
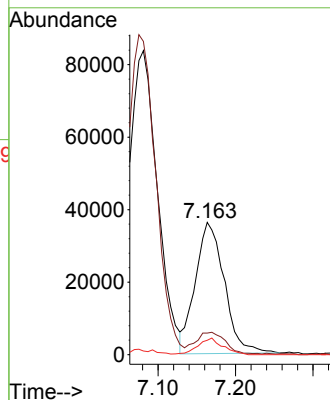
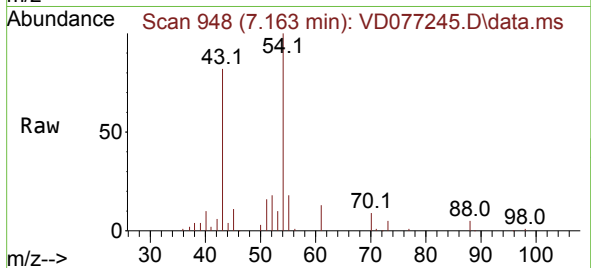
Acq: 29 Sep 2023 14:16

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 43	Resp: 94373
Ion Ratio	Lower Upper
43	100
61	17.0 14.9 22.3
70	10.8 10.0 15.0



#38

Carbon Tetrachloride

Concen: 49.689 ug/l

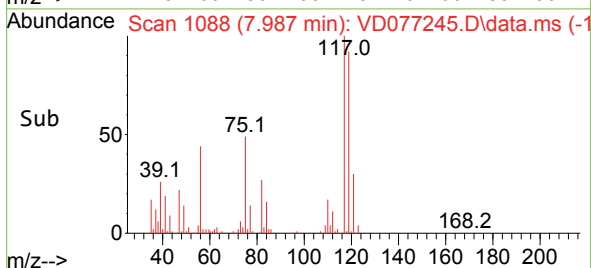
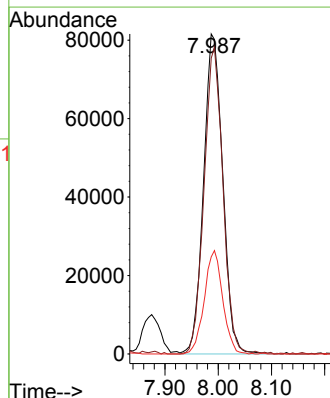
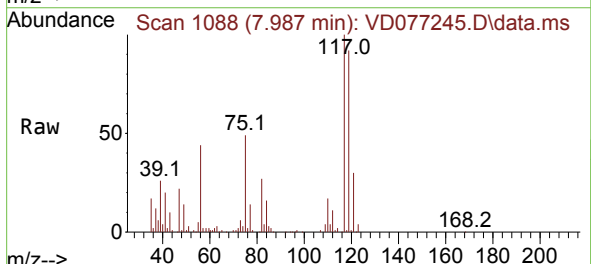
RT: 7.987 min Scan# 1088

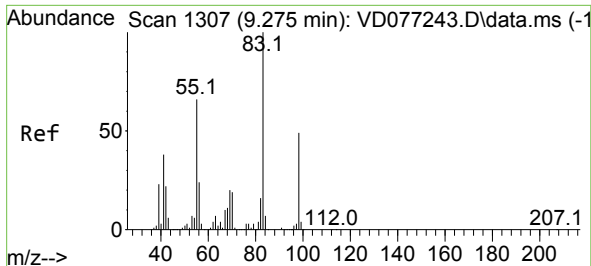
Delta R.T. -0.006 min

Lab File: VD077245.D

Acq: 29 Sep 2023 14:16

Tgt Ion: 117	Resp: 203748
Ion Ratio	Lower Upper
117	100
119	92.4 78.0 117.0
121	30.3 24.2 36.2





#39

Methylcyclohexane

Concen: 51.530 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

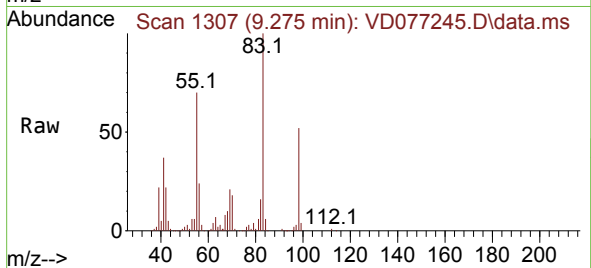
Lab File: VD077245.D

Acq: 29 Sep 2023 14:16

Instrument :

MSVOA_D

ClientSampleId :



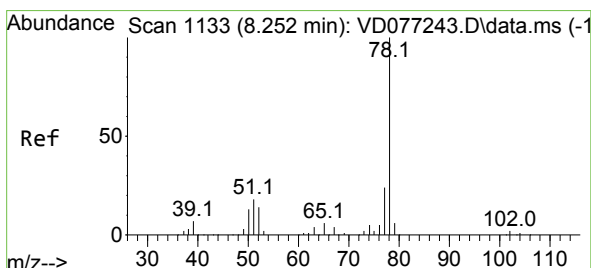
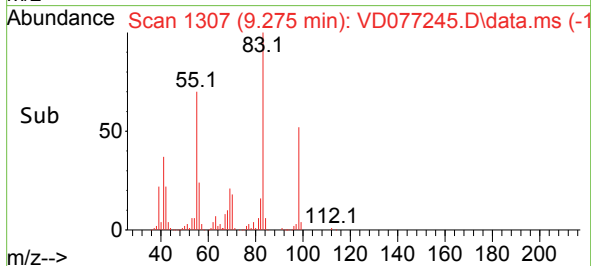
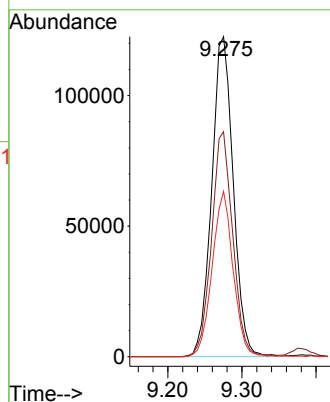
Tgt Ion: 83 Resp: 247358

Ion Ratio Lower Upper

83 100

55 70.3 49.4 74.0

98 51.6 38.4 57.6



#40

Benzene

Concen: 51.092 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD077245.D

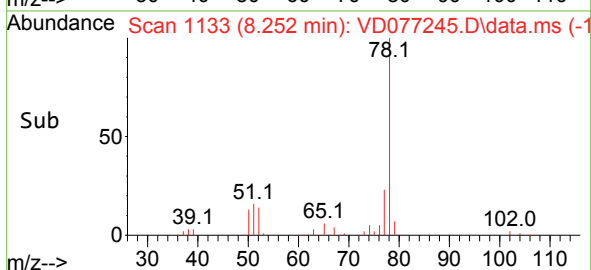
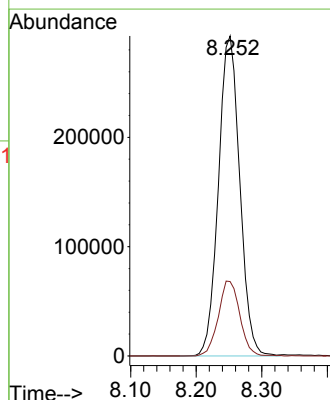
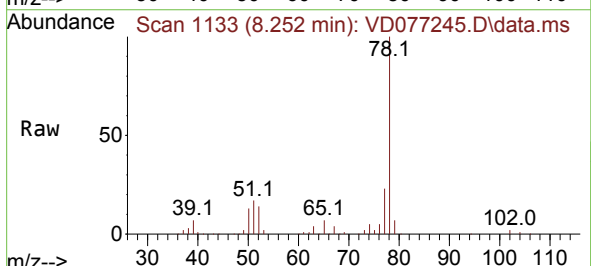
Acq: 29 Sep 2023 14:16

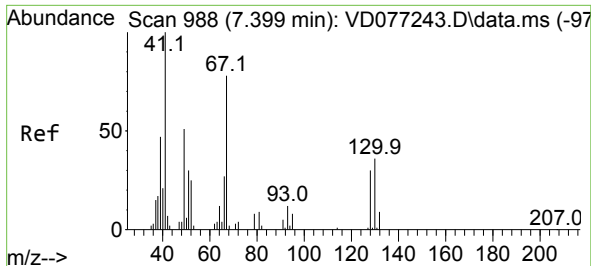
Tgt Ion: 78 Resp: 659481

Ion Ratio Lower Upper

78 100

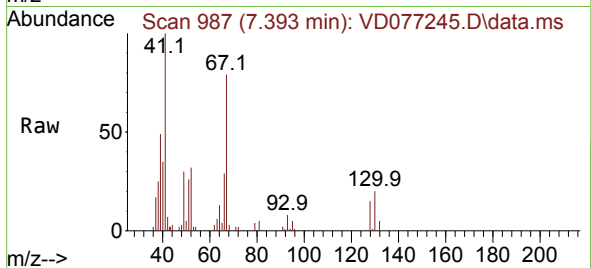
77 23.2 19.4 29.0



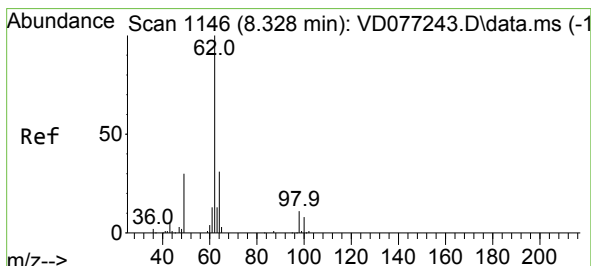
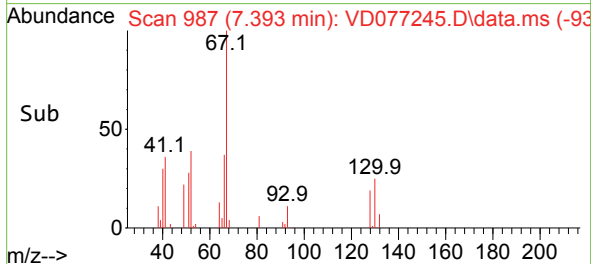
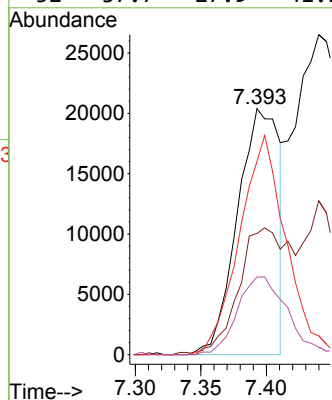


#41
Methacrylonitrile
Concen: 53.051 ug/l
RT: 7.393 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD077245.D
Acq: 29 Sep 2023 14:16

Instrument :
MSVOA_D
ClientSampleId :

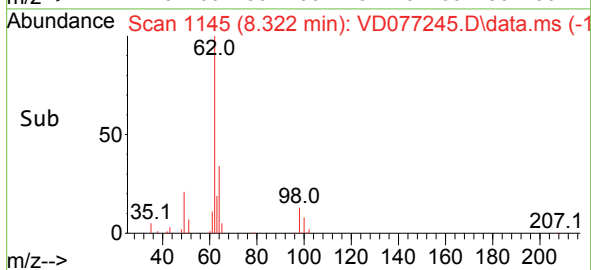
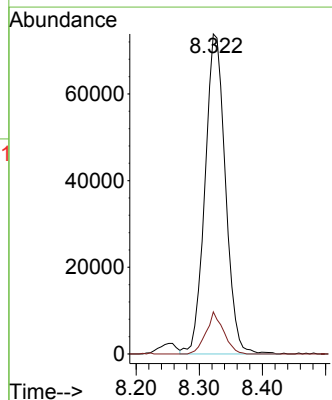
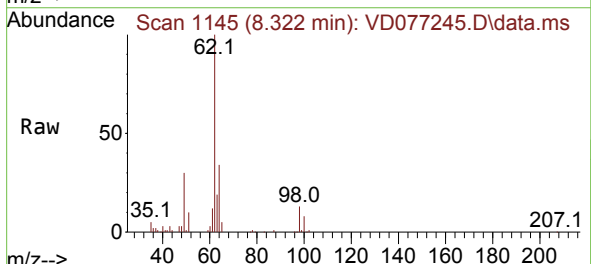


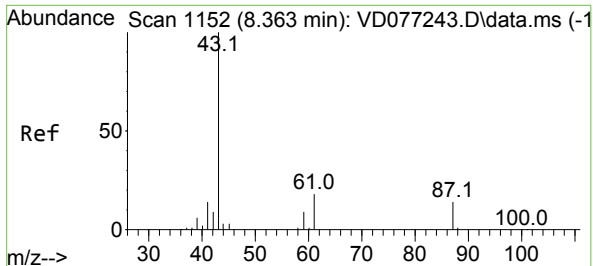
Tgt Ion:	41	Resp:	45324
Ion Ratio	Lower	Upper	
41	100		
39	64.3	34.0	51.0#
67	98.4	77.0	115.4
52	37.7	27.9	41.9



#42
1,2-Dichloroethane
Concen: 51.873 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VD077245.D
Acq: 29 Sep 2023 14:16

Tgt Ion:	62	Resp:	166004
Ion Ratio	Lower	Upper	
62	100		
98	11.3	0.0	25.4





#43

Isopropyl Acetate

Concen: 59.581 ug/l

RT: 8.357 min Scan# 1151

Delta R.T. 0.000 min

Lab File: VD077245.D

Acq: 29 Sep 2023 14:16

Instrument :

MSVOA_D

ClientSampleId :

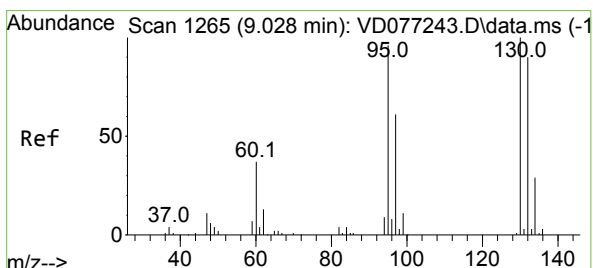
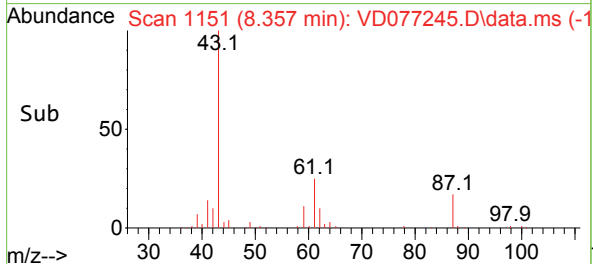
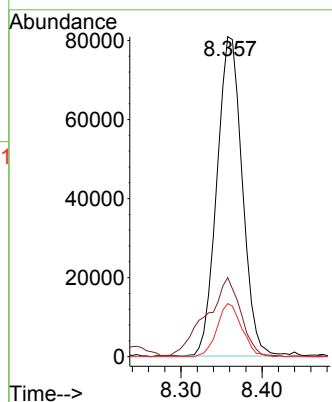
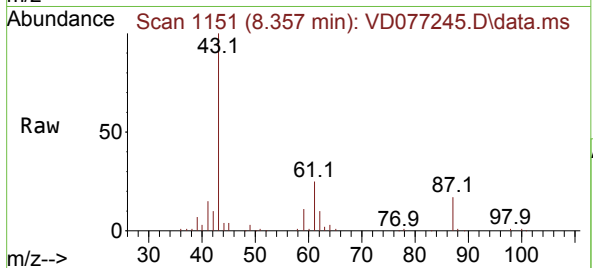
Tgt Ion: 43 Resp: 175589

Ion Ratio Lower Upper

43 100

61 33.7 31.4 47.0

87 16.3 14.9 22.3



#44

Trichloroethene

Concen: 46.268 ug/l

RT: 9.028 min Scan# 1265

Delta R.T. 0.000 min

Lab File: VD077245.D

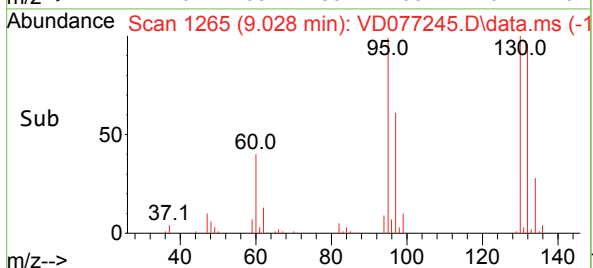
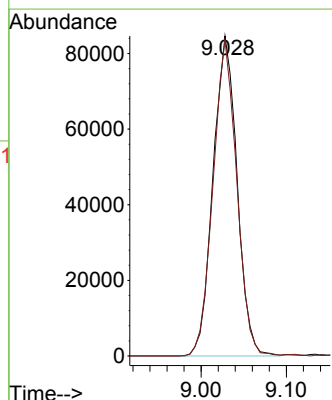
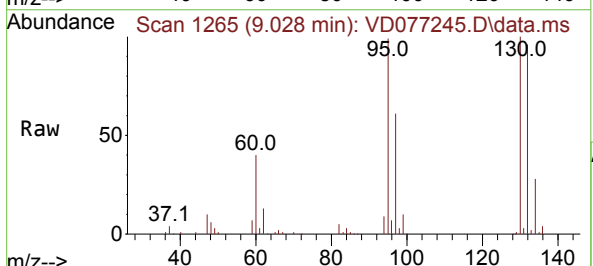
Acq: 29 Sep 2023 14:16

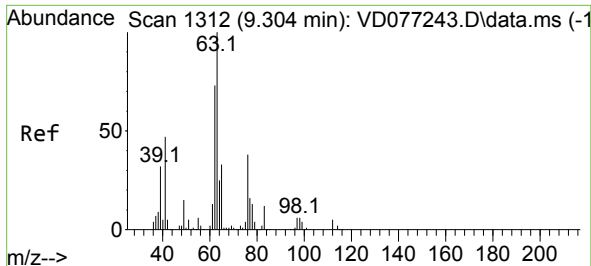
Tgt Ion:130 Resp: 165294

Ion Ratio Lower Upper

130 100

95 98.6 0.0 179.2





#45

1,2-Dichloropropane

Concen: 53.242 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD077245.D

Acq: 29 Sep 2023 14:16

Instrument :

MSVOA_D

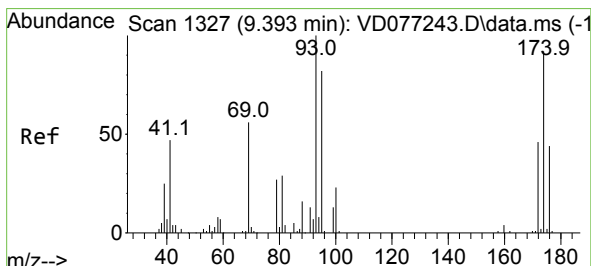
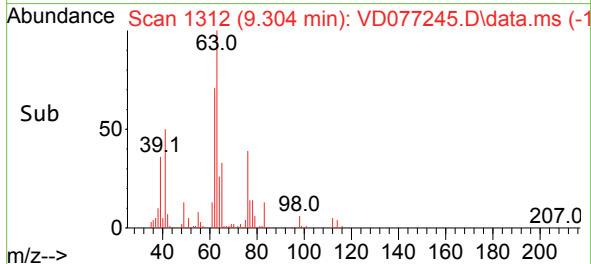
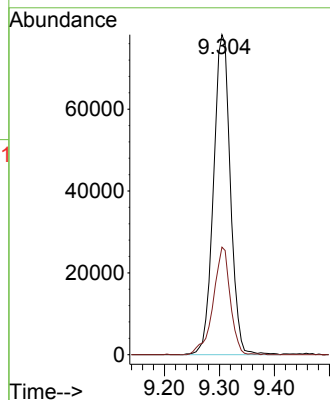
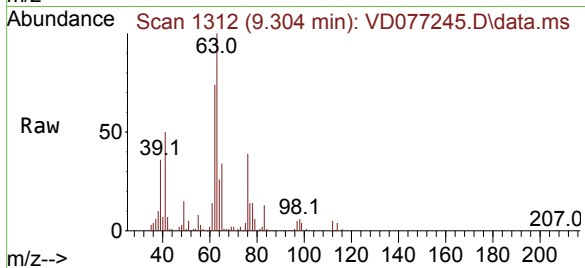
ClientSampleId :

Tgt Ion: 63 Resp: 166922

Ion Ratio Lower Upper

63 100

65 33.6 24.5 36.7



#46

Dibromomethane

Concen: 52.439 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD077245.D

Acq: 29 Sep 2023 14:16

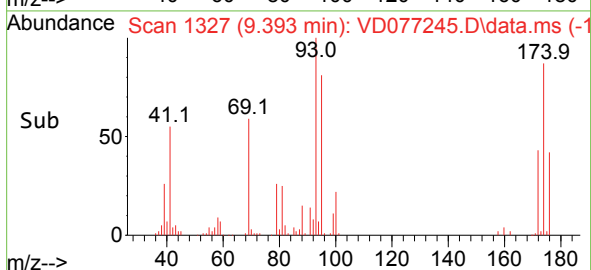
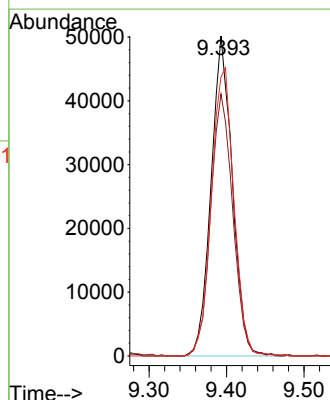
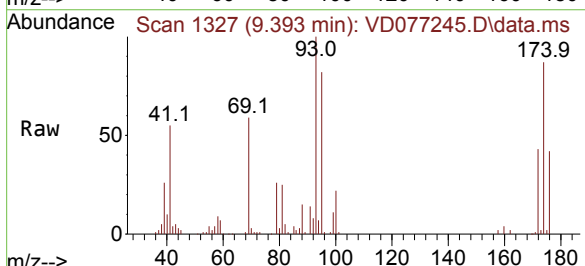
Tgt Ion: 93 Resp: 95534

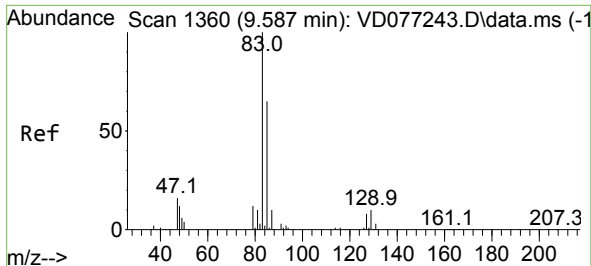
Ion Ratio Lower Upper

93 100

95 85.3 67.7 101.5

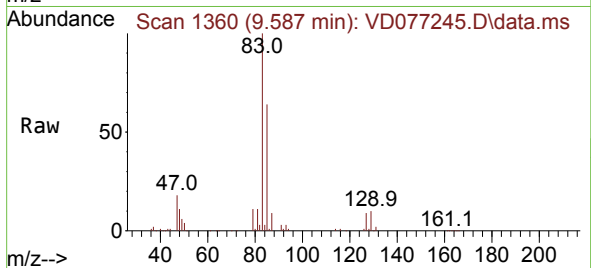
174 95.3 85.4 128.2



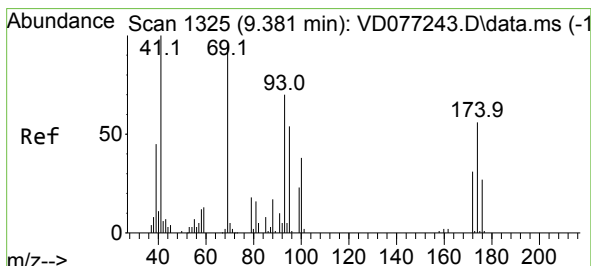
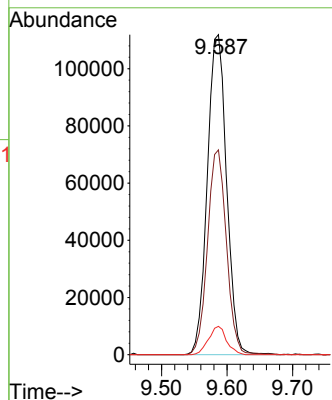
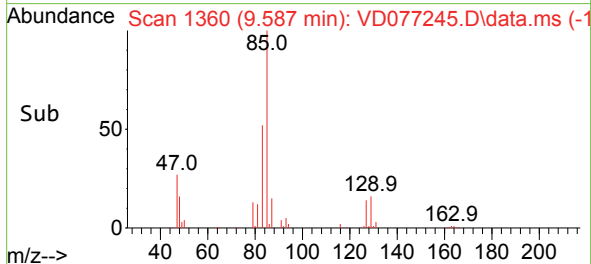


#47
Bromodichloromethane
Concen: 51.942 ug/l
RT: 9.587 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077245.D
Acq: 29 Sep 2023 14:16

Instrument :
MSVOA_D
ClientSampleId :

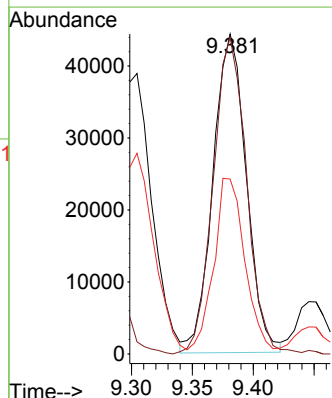
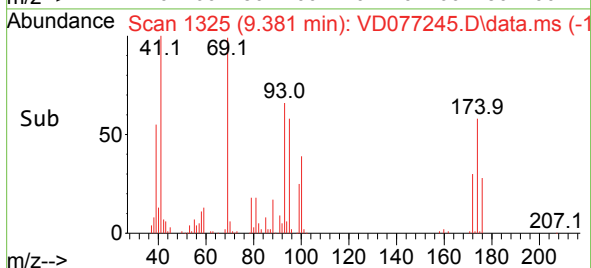
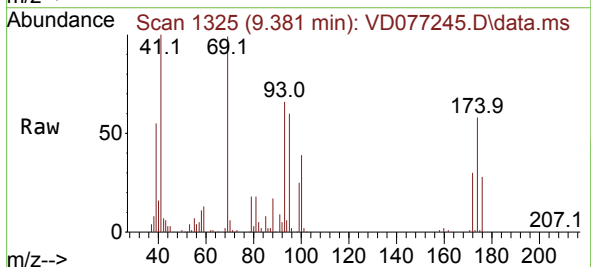


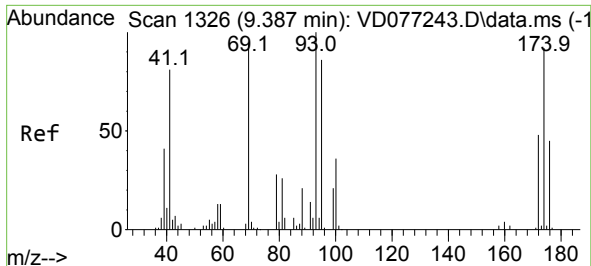
Tgt Ion: 83 Resp: 228677
Ion Ratio Lower Upper
83 100
85 64.0 50.2 75.4
127 8.9 6.3 9.5



#48
Methyl methacrylate
Concen: 63.040 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD077245.D
Acq: 29 Sep 2023 14:16

Tgt Ion: 41 Resp: 84420
Ion Ratio Lower Upper
41 100
69 99.4 102.2 153.2#
39 49.3 41.4 62.2





#49

1,4-Dioxane

Concen: 1195.098 ug/l

RT: 9.387 min Scan# 11

Delta R.T. 0.006 min

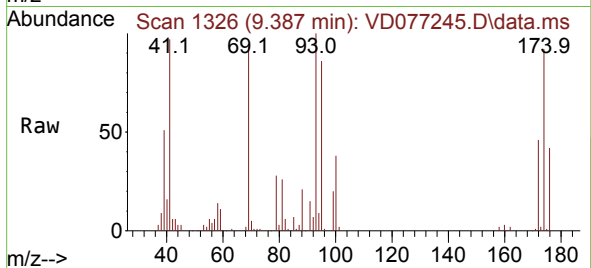
Lab File: VD077245.D

Acq: 29 Sep 2023 14:16

Instrument :

MSVOA_D

ClientSampleId :



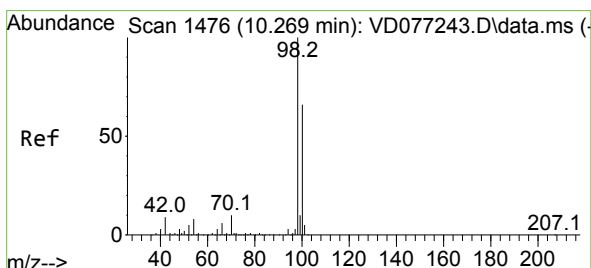
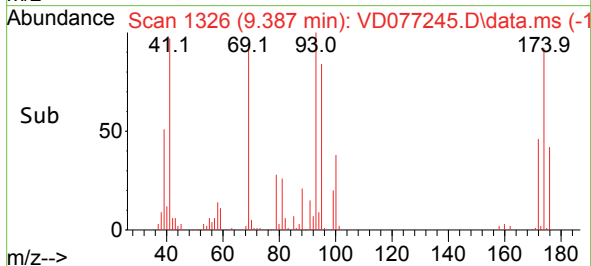
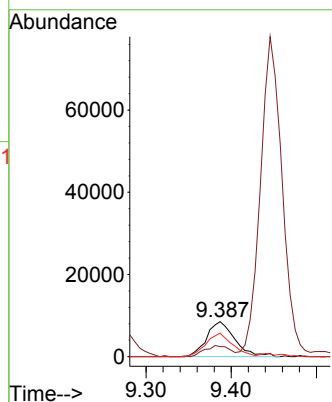
Tgt Ion: 88 Resp: 19653

Ion Ratio Lower Upper

88 100

43 28.3 19.0 28.6

58 62.7 43.5 65.3



#50

Toluene-d8

Concen: 52.650 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD077245.D

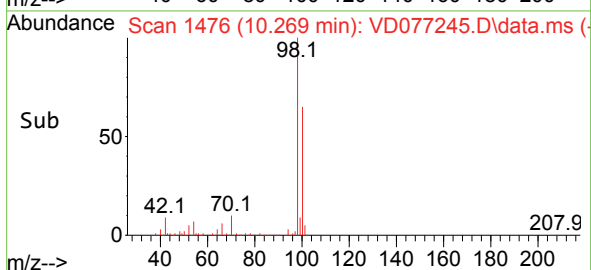
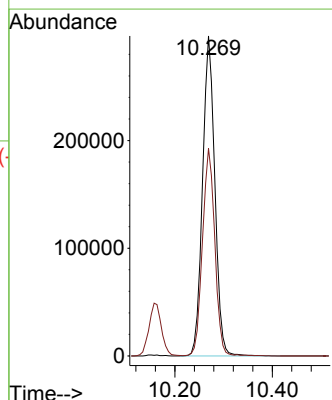
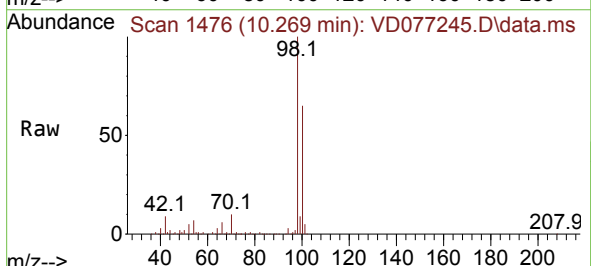
Acq: 29 Sep 2023 14:16

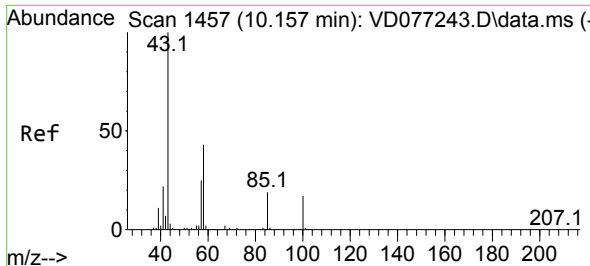
Tgt Ion: 98 Resp: 519151

Ion Ratio Lower Upper

98 100

100 64.7 50.3 75.5

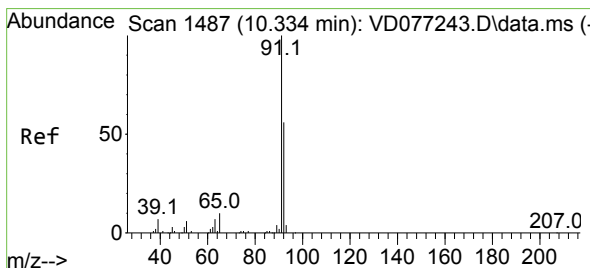
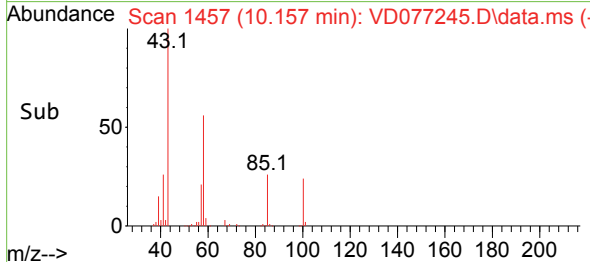
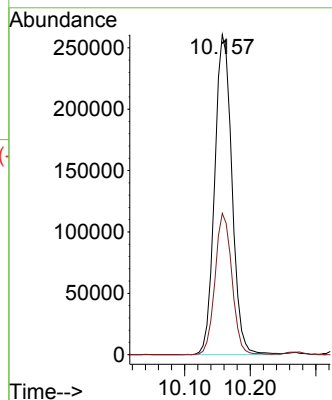
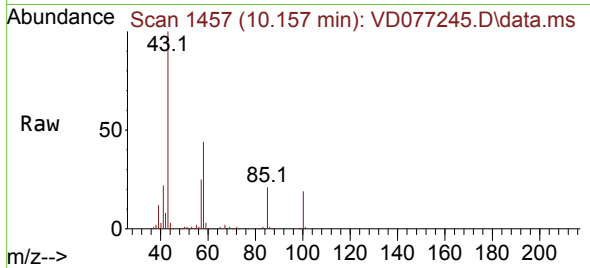




#51
4-Methyl-2-Pentanone
Concen: 309.137 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077245.D
Acq: 29 Sep 2023 14:16

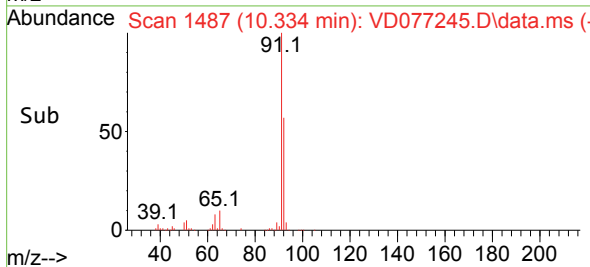
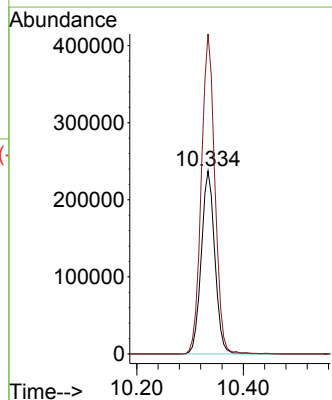
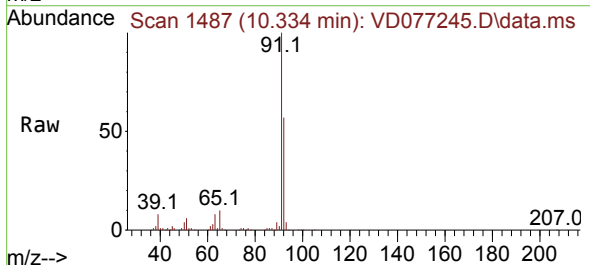
Instrument :
MSVOA_D
ClientSampleId :

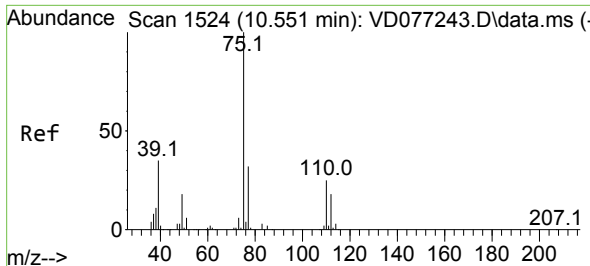
Tgt Ion: 43 Resp: 476472
Ion Ratio Lower Upper
43 100
58 43.2 38.9 58.3



#52
Toluene
Concen: 50.636 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD077245.D
Acq: 29 Sep 2023 14:16

Tgt Ion: 92 Resp: 418130
Ion Ratio Lower Upper
92 100
91 175.0 143.0 214.4

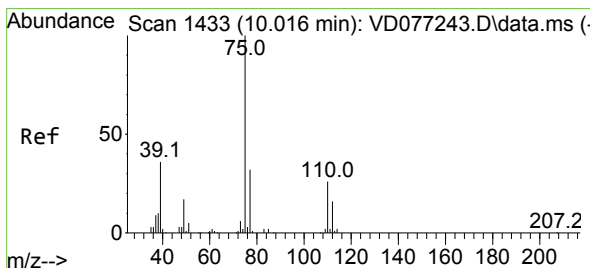
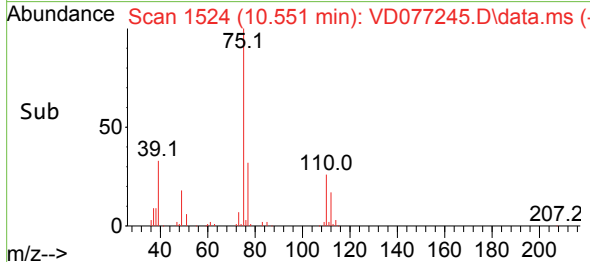
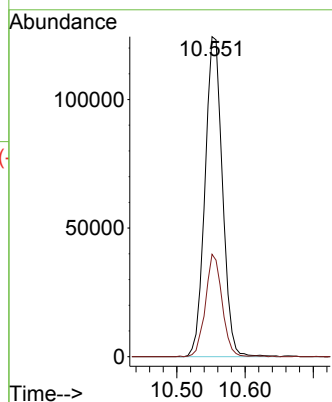
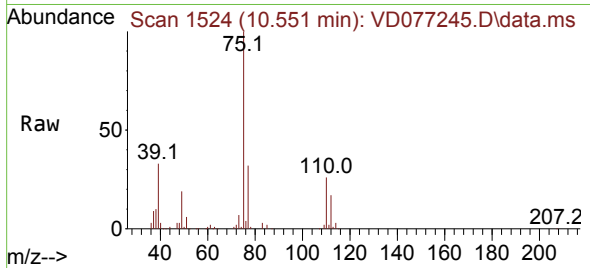




#53
 t-1,3-Dichloropropene
 Concen: 53.873 ug/l
 RT: 10.551 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VD077245.D
 Acq: 29 Sep 2023 14:16

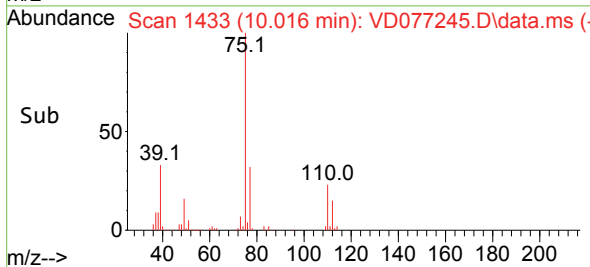
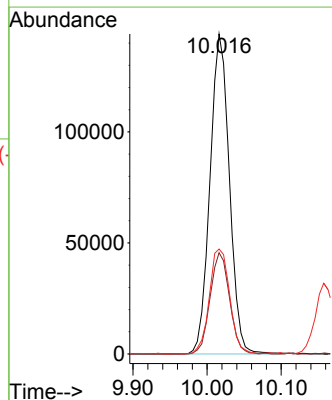
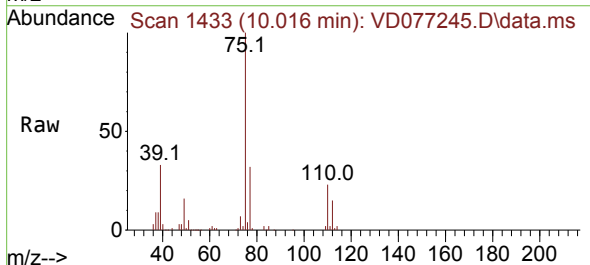
Instrument :
 MSVOA_D
 ClientSampleId :

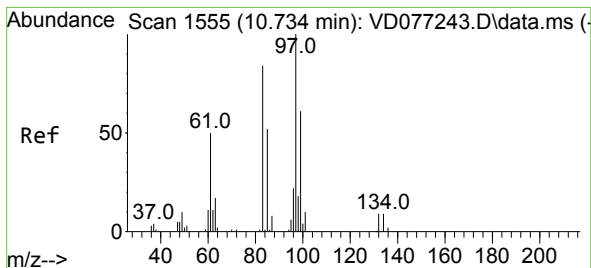
Tgt Ion: 75 Resp: 221581
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 53.235 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD077245.D
 Acq: 29 Sep 2023 14:16

Tgt Ion: 75 Resp: 262333
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.5 38.3
 39 32.8 22.1 33.1





#55

1,1,2-Trichloroethane

Concen: 53.555 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

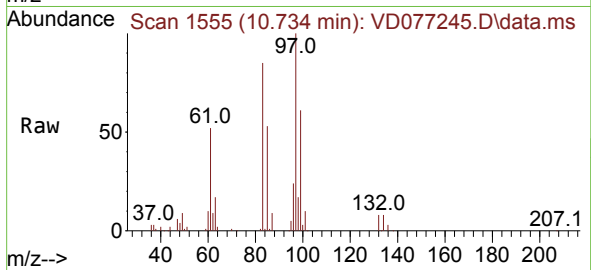
Lab File: VD077245.D

Acq: 29 Sep 2023 14:16

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 97 Resp: 132704

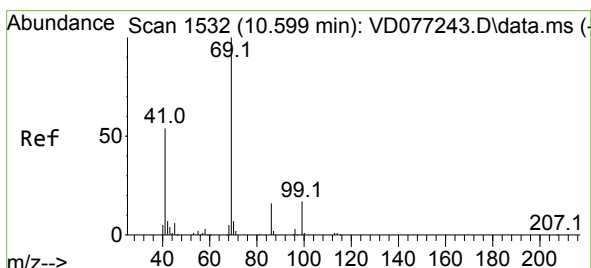
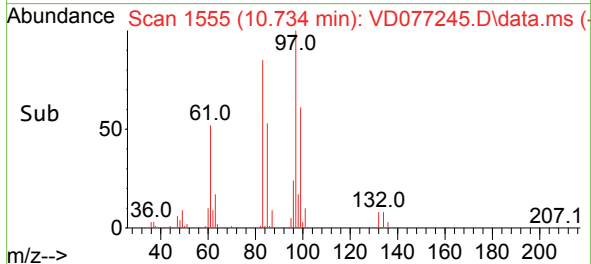
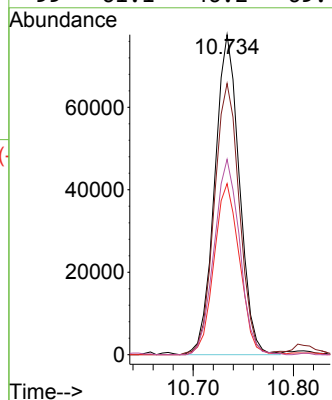
Ion Ratio Lower Upper

97 100

83 84.8 65.8 98.6

85 53.5 45.7 68.5

99 61.1 46.2 69.4



#56

Ethyl methacrylate

Concen: 59.049 ug/l

RT: 10.599 min Scan# 1532

Delta R.T. 0.000 min

Lab File: VD077245.D

Acq: 29 Sep 2023 14:16

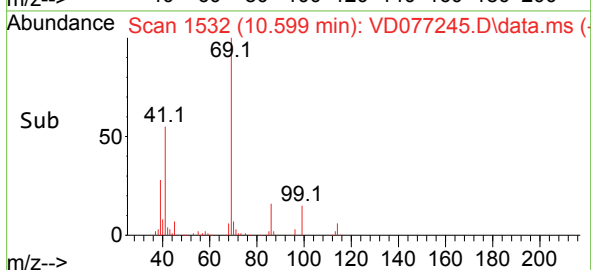
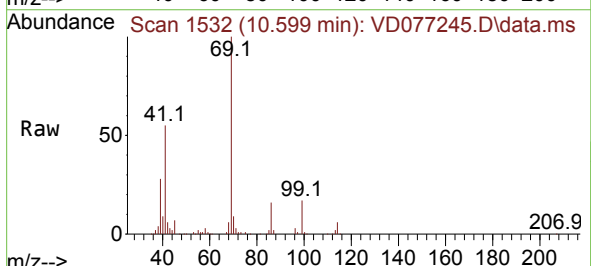
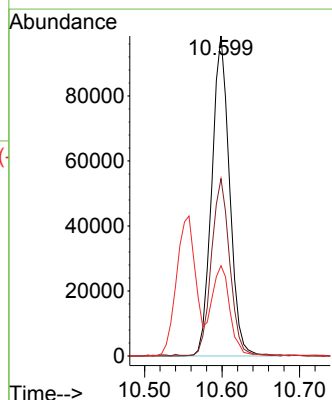
Tgt Ion: 69 Resp: 157194

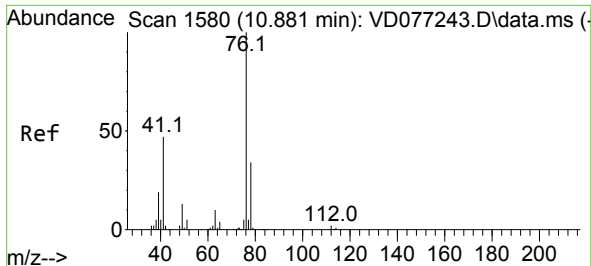
Ion Ratio Lower Upper

69 100

41 56.6 39.1 58.7

39 28.9 20.0 30.0





#57

1,3-Dichloropropane

Concen: 54.878 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD077245.D

Acq: 29 Sep 2023 14:16

Instrument :

MSVOA_D

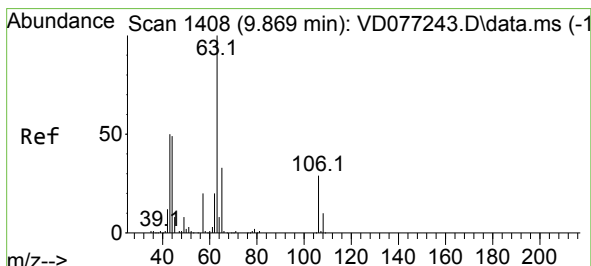
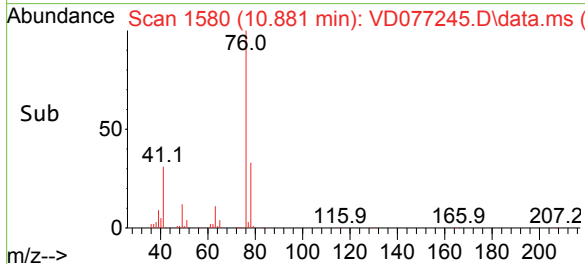
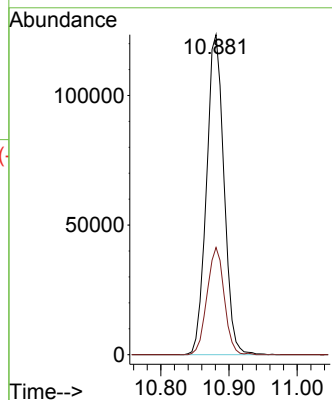
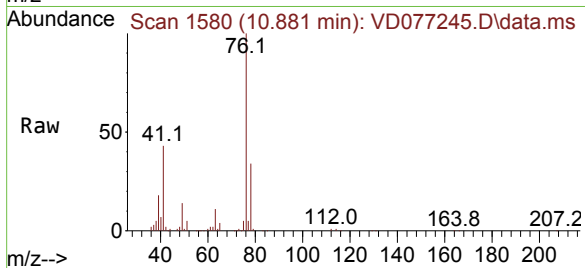
ClientSampleId :

Tgt Ion: 76 Resp: 220132

Ion Ratio Lower Upper

76 100

78 33.0 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 256.343 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD077245.D

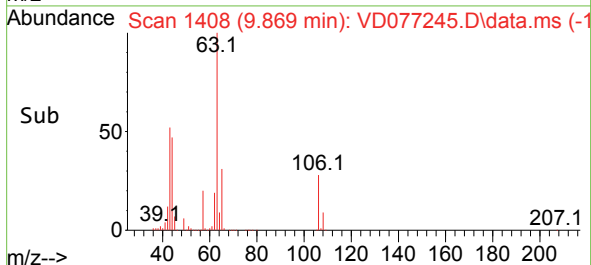
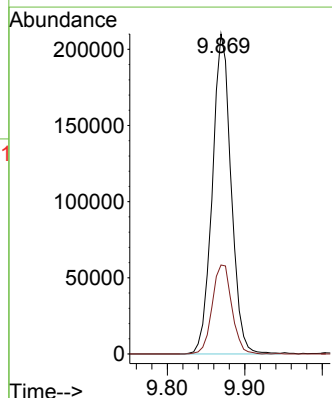
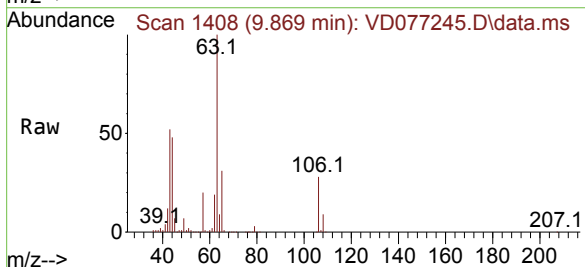
Acq: 29 Sep 2023 14:16

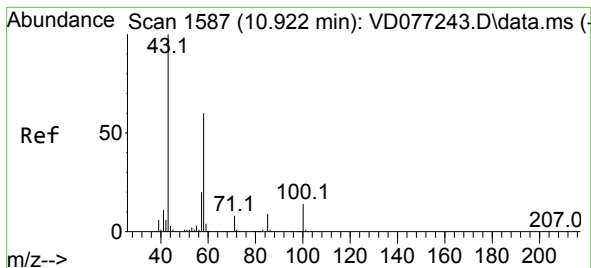
Tgt Ion: 63 Resp: 353701

Ion Ratio Lower Upper

63 100

106 29.0 25.3 37.9

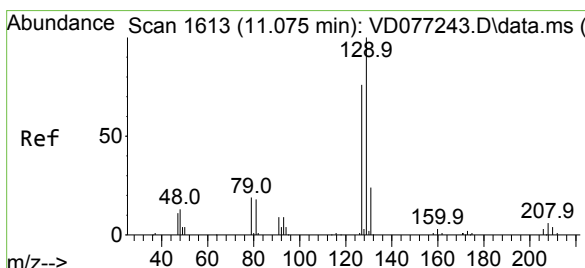
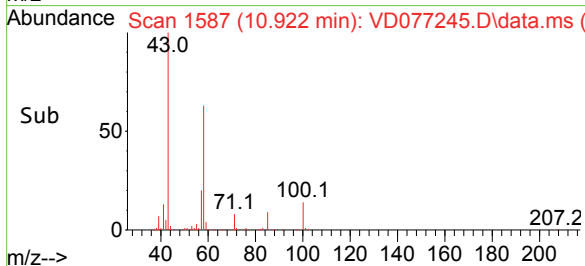
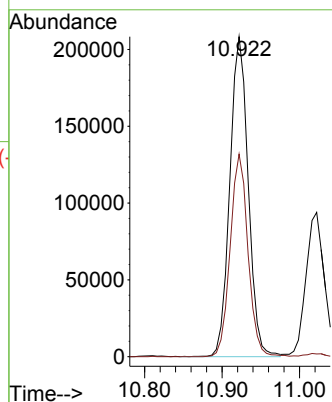
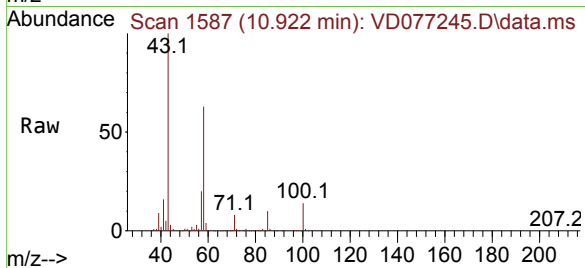




#59
2-Hexanone
Concen: 310.260 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD077245.D
Acq: 29 Sep 2023 14:16

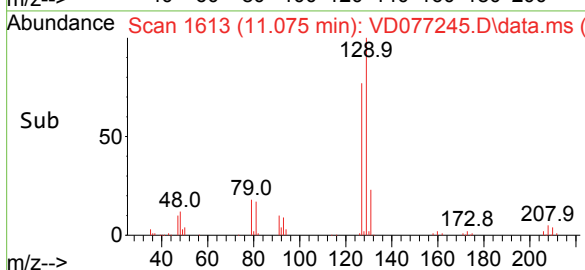
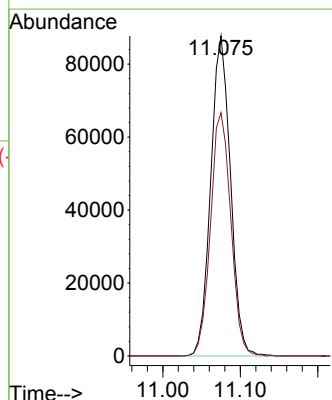
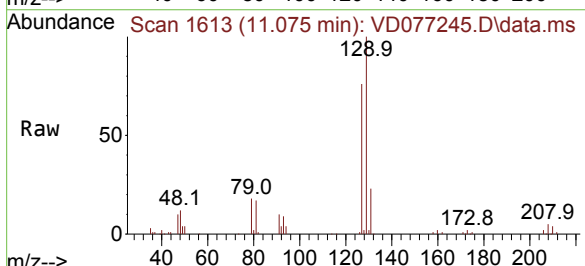
Instrument :
MSVOA_D
ClientSampleId :

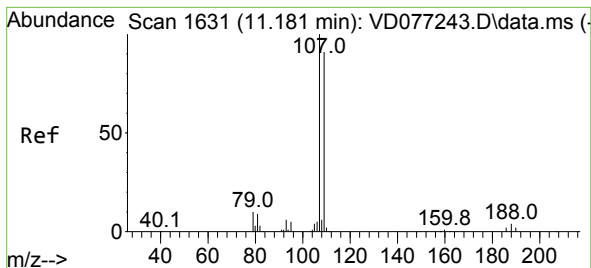
Tgt Ion: 43 Resp: 343109
Ion Ratio Lower Upper
43 100
58 61.3 34.1 102.2



#60
Dibromochloromethane
Concen: 51.145 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD077245.D
Acq: 29 Sep 2023 14:16

Tgt Ion:129 Resp: 155224
Ion Ratio Lower Upper
129 100
127 78.2 37.1 111.5





#61

1,2-Dibromoethane

Concen: 52.485 ug/l

RT: 11.181 min Scan# 1631

Delta R.T. 0.000 min

Lab File: VD077245.D

Acq: 29 Sep 2023 14:16

Instrument :

MSVOA_D

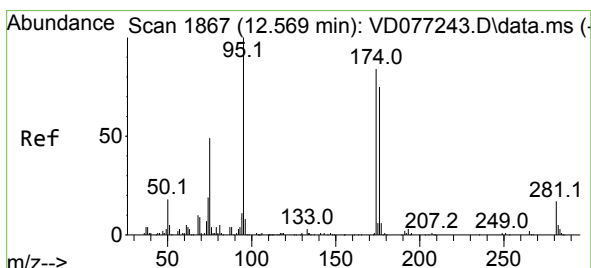
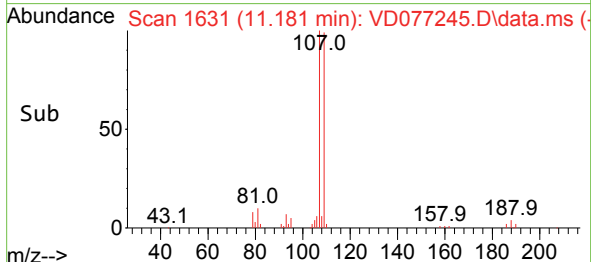
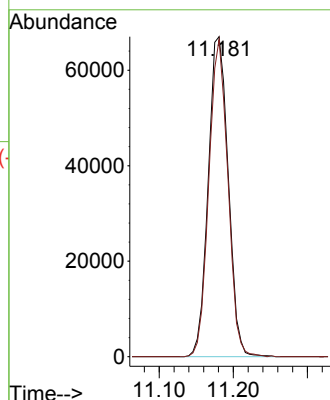
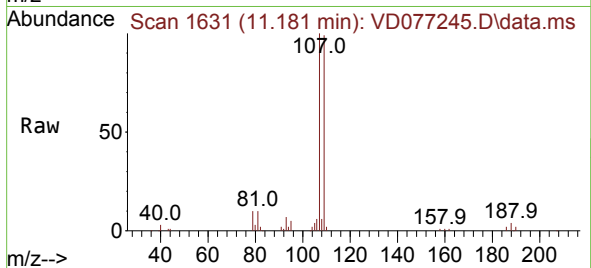
ClientSampleId :

Tgt Ion:107 Resp: 125727

Ion Ratio Lower Upper

107 100

109 93.9 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 50.011 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VD077245.D

Acq: 29 Sep 2023 14:16

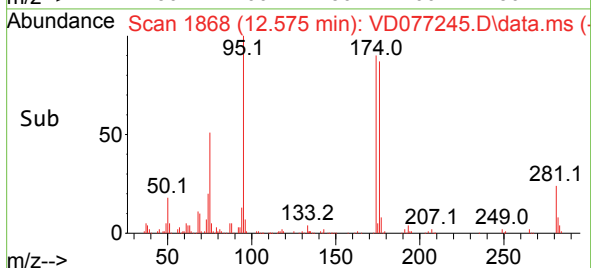
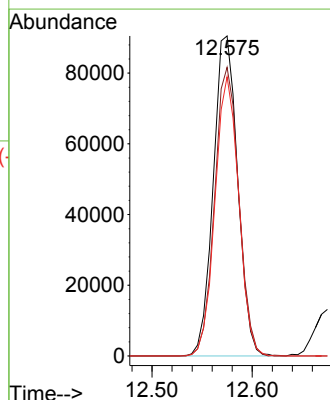
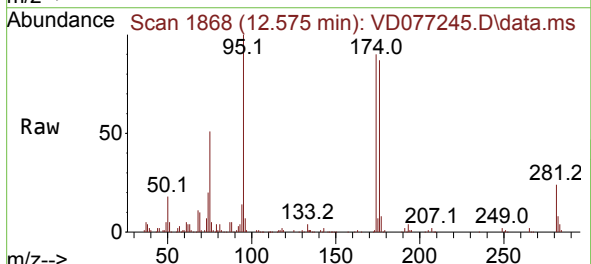
Tgt Ion: 95 Resp: 152842

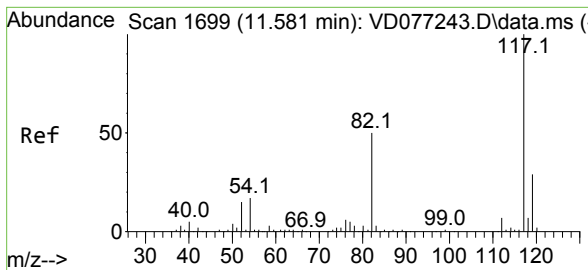
Ion Ratio Lower Upper

95 100

174 89.3 0.0 201.8

176 84.8 0.0 191.8

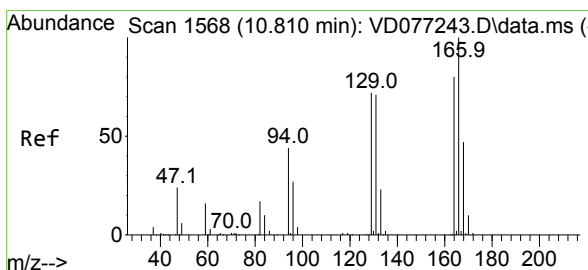
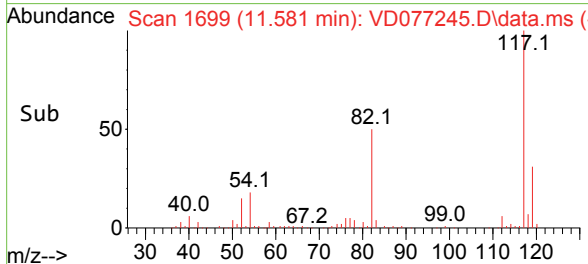
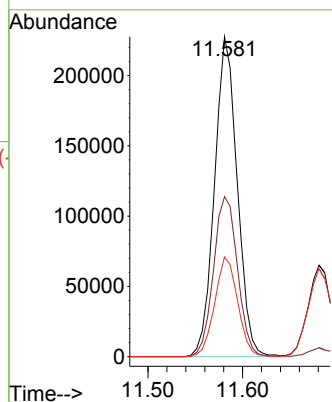
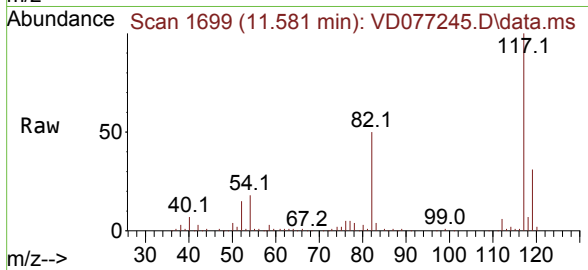




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD077245.D
Acq: 29 Sep 2023 14:16

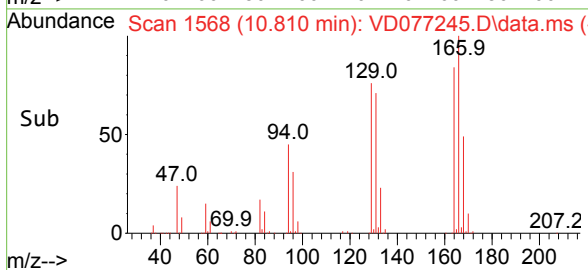
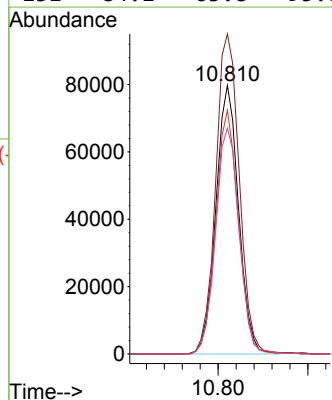
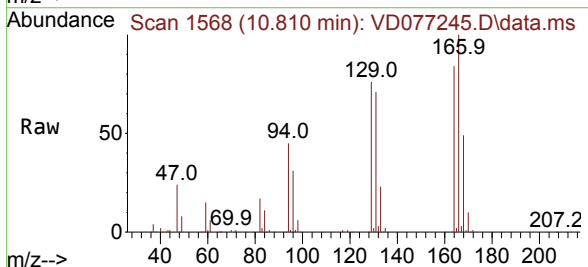
Instrument :
MSVOA_D
ClientSampleId :

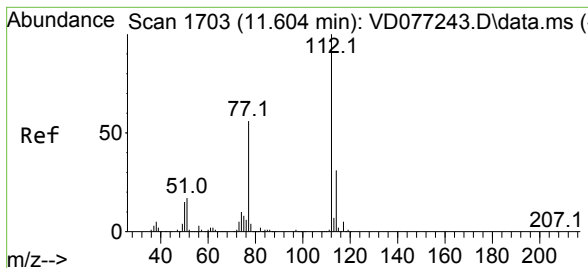
Tgt Ion:117 Resp: 379211
Ion Ratio Lower Upper
117 100
82 50.0 38.3 57.5
119 31.1 25.0 37.4



#64
Tetrachloroethene
Concen: 47.355 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD077245.D
Acq: 29 Sep 2023 14:16

Tgt Ion:164 Resp: 139716
Ion Ratio Lower Upper
164 100
166 119.1 99.2 148.8
129 90.8 68.4 102.6
131 84.1 63.8 95.8





#65

Chlorobenzene

Concen: 49.414 ug/l

RT: 11.610 min Scan# 1704

Delta R.T. 0.000 min

Lab File: VD077245.D

Acq: 29 Sep 2023 14:16

Instrument :

MSVOA_D

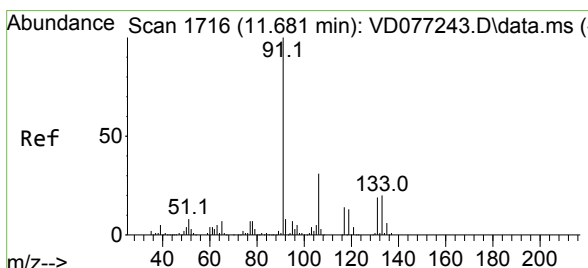
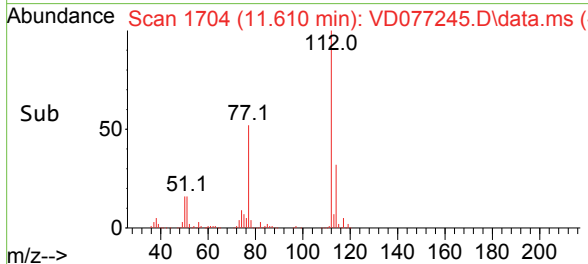
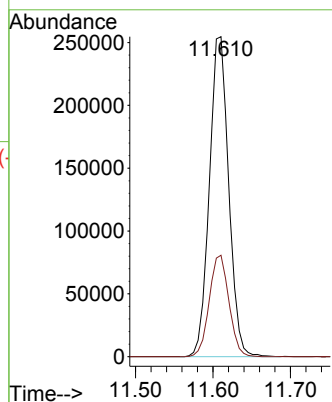
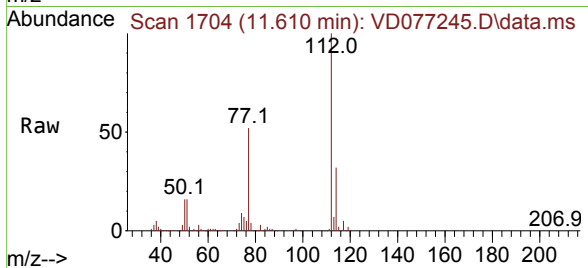
ClientSampleId :

Tgt Ion:112 Resp: 440807

Ion Ratio Lower Upper

112 100

114 31.7 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 49.164 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD077245.D

Acq: 29 Sep 2023 14:16

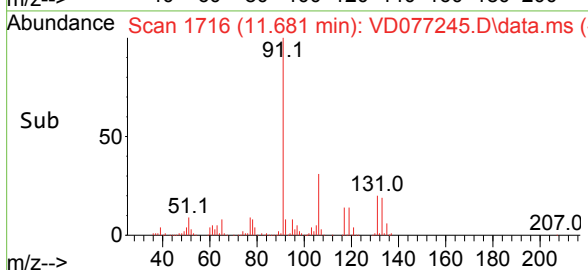
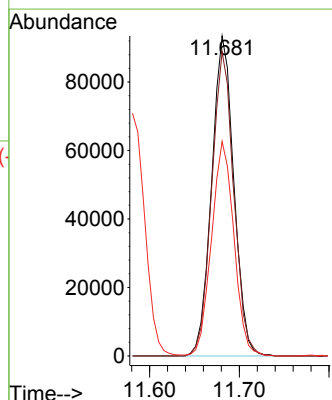
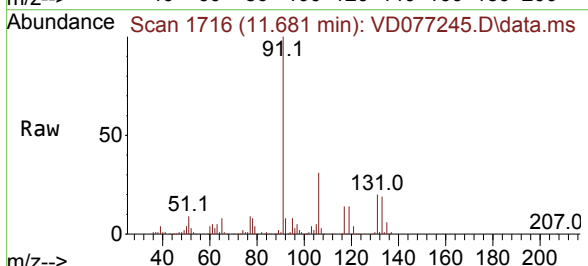
Tgt Ion:131 Resp: 160453

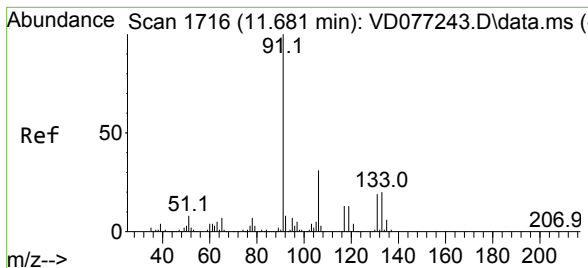
Ion Ratio Lower Upper

131 100

133 94.6 48.5 145.5

119 67.6 35.6 106.9





#67

Ethyl Benzene

Concen: 51.248 ug/l

RT: 11.687 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD077245.D

Acq: 29 Sep 2023 14:16

Instrument :

MSVOA_D

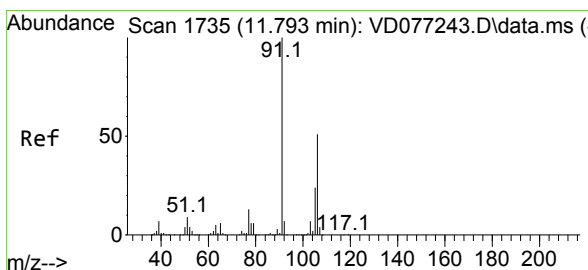
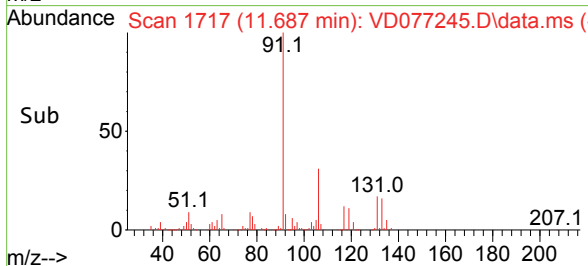
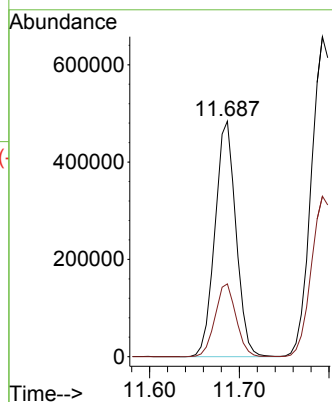
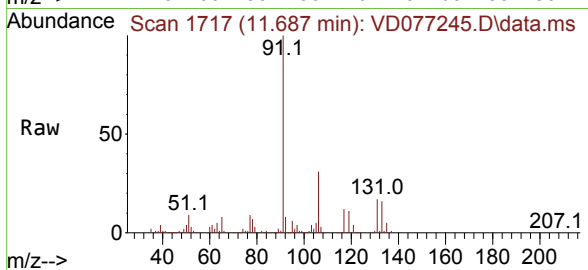
ClientSampleId :

Tgt Ion: 91 Resp: 785805

Ion Ratio Lower Upper

91 100

106 30.9 26.5 39.7



#68

m/p-Xylenes

Concen: 101.365 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD077245.D

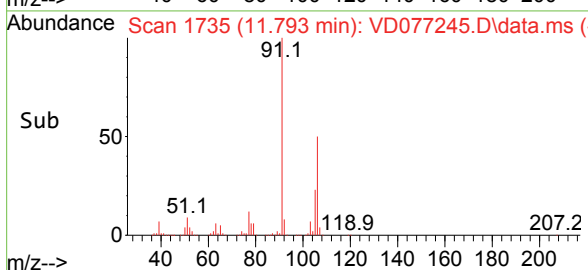
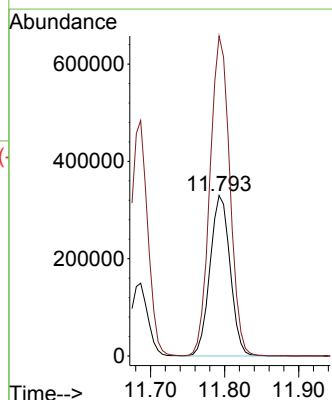
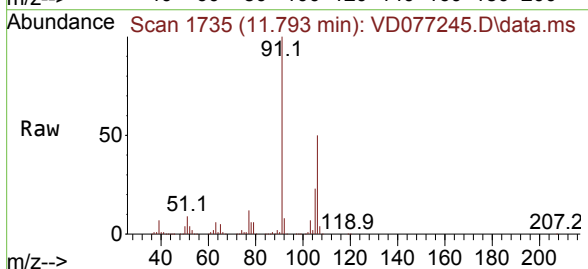
Acq: 29 Sep 2023 14:16

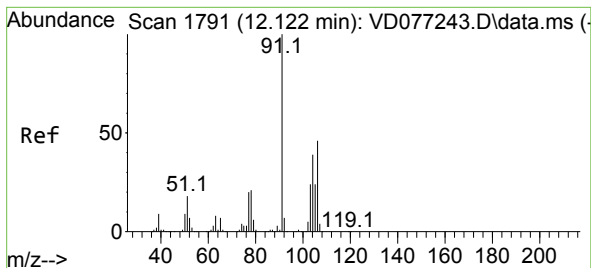
Tgt Ion:106 Resp: 622319

Ion Ratio Lower Upper

106 100

91 196.7 147.0 220.6





#69

o-Xylene

Concen: 50.533 ug/l

RT: 12.122 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VD077245.D

Acq: 29 Sep 2023 14:16

Instrument :

MSVOA_D

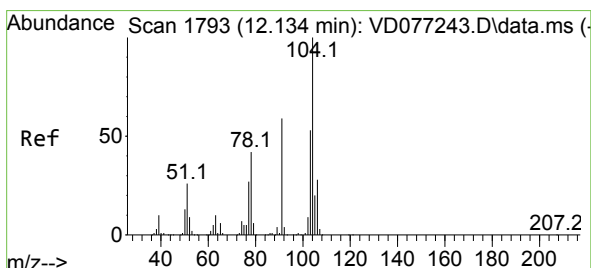
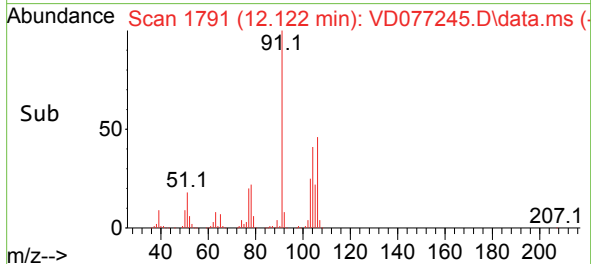
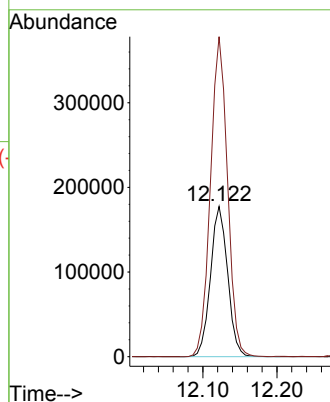
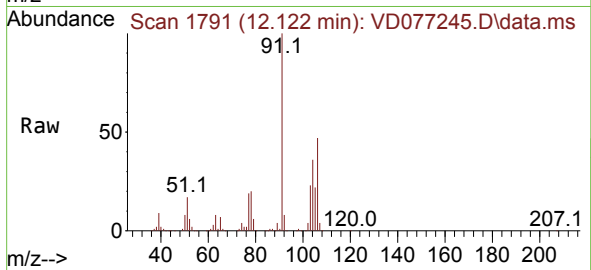
ClientSampleId :

Tgt Ion:106 Resp: 284757

Ion Ratio Lower Upper

106 100

91 212.1 97.9 293.6



#70

Styrene

Concen: 53.315 ug/l

RT: 12.134 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VD077245.D

Acq: 29 Sep 2023 14:16

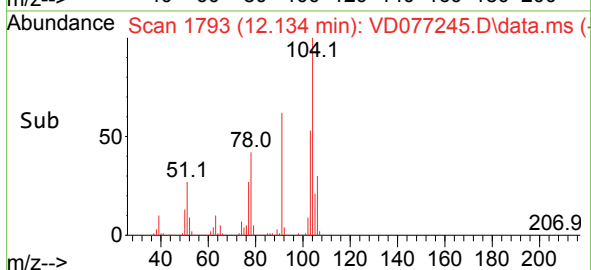
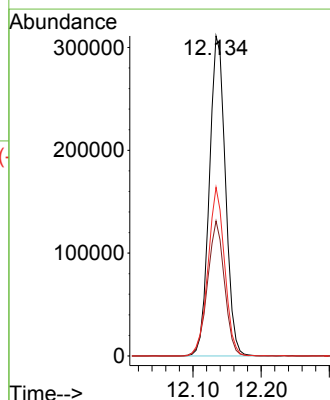
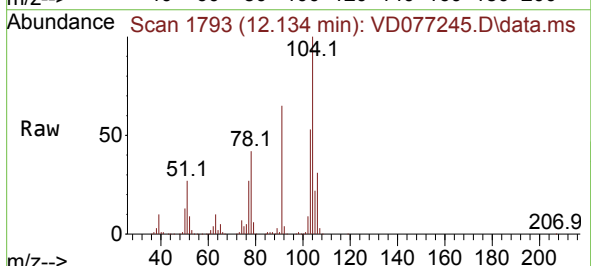
Tgt Ion:104 Resp: 511842

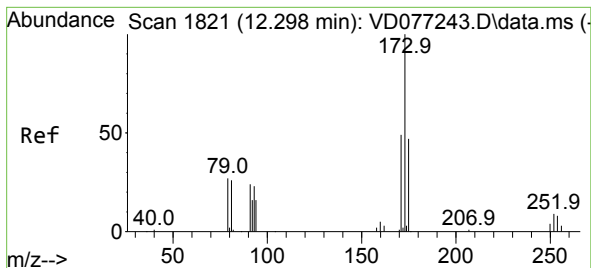
Ion Ratio Lower Upper

104 100

78 44.4 33.2 49.8

103 54.4 43.6 65.4





#71

Bromoform

Concen: 51.236 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD077245.D

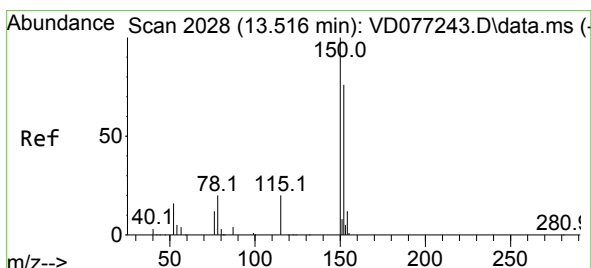
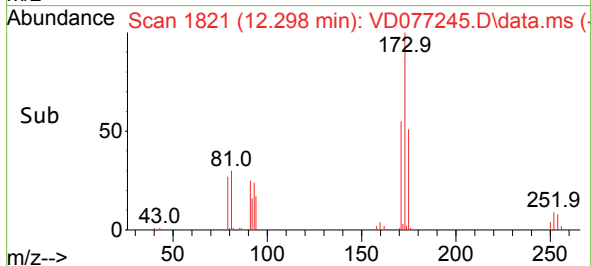
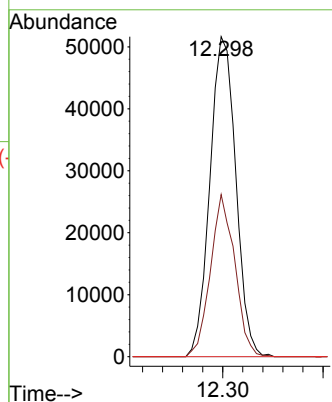
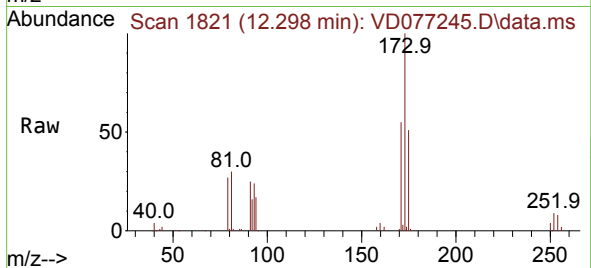
Acq: 29 Sep 2023 14:16

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:173	Resp:	92689
Ion Ratio	Lower	Upper
173	100	
175	47.7	24.6 73.8
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

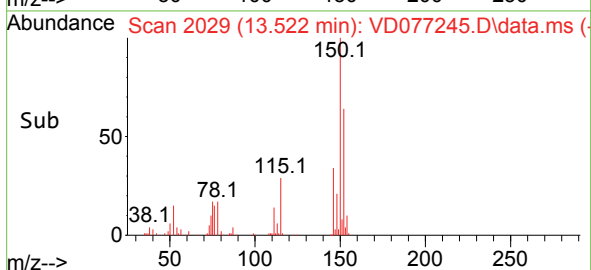
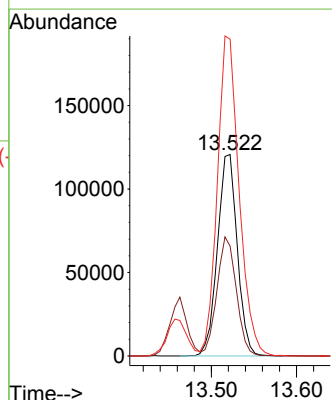
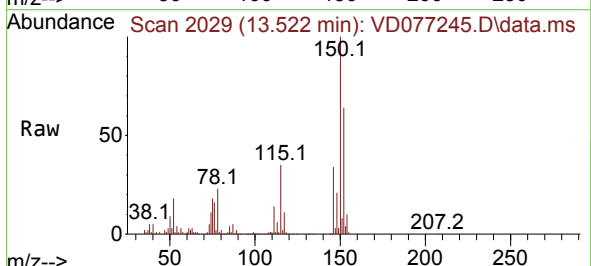
RT: 13.522 min Scan# 2029

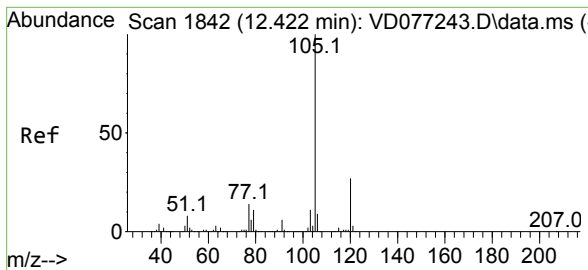
Delta R.T. 0.000 min

Lab File: VD077245.D

Acq: 29 Sep 2023 14:16

Tgt Ion:152	Resp:	195280
Ion Ratio	Lower	Upper
152	100	
115	58.0	27.1 81.3
150	173.9	0.0 353.6

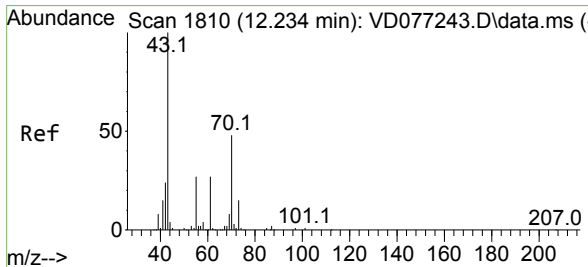
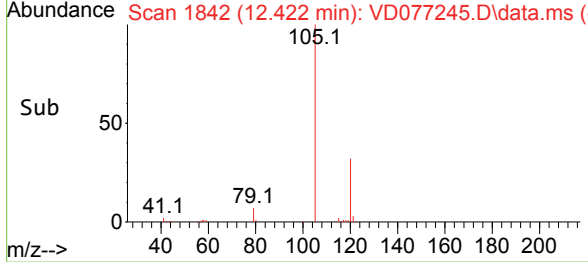
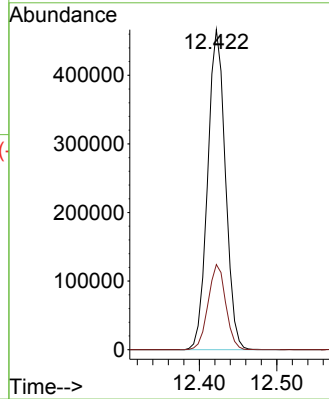
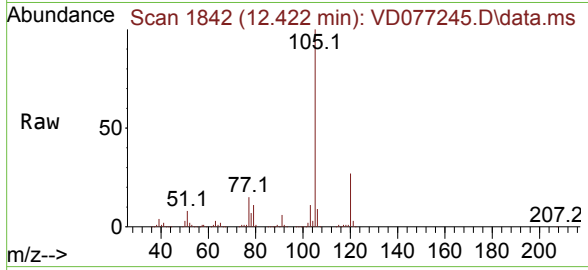




#73
Isopropylbenzene
Concen: 51.266 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD077245.D
Acq: 29 Sep 2023 14:16

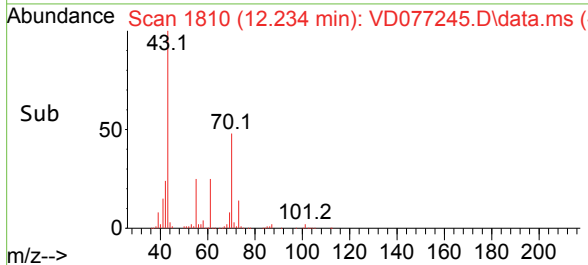
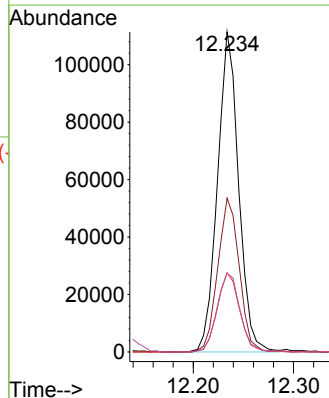
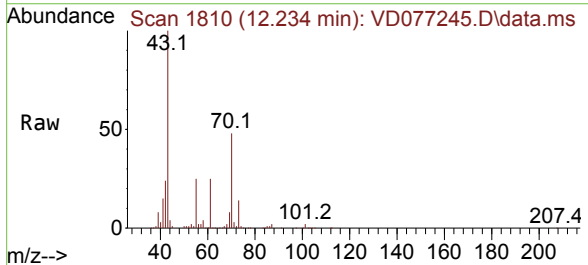
Instrument :
MSVOA_D
ClientSampleId :

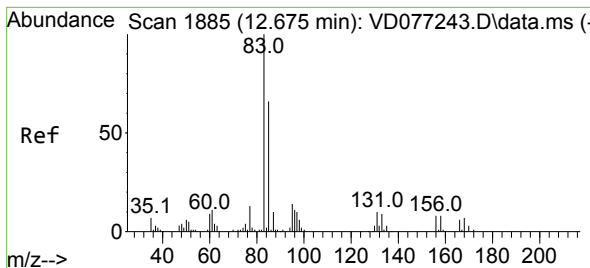
Tgt Ion:105 Resp: 739728
Ion Ratio Lower Upper
105 100
120 26.5 14.3 42.9



#74
N-ethyl acetate
Concen: 60.115 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD077245.D
Acq: 29 Sep 2023 14:16

Tgt Ion: 43 Resp: 162941
Ion Ratio Lower Upper
43 100
70 48.7 45.0 67.4
55 26.3 23.8 35.6
61 26.6 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 57.335 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VD077245.D

Acq: 29 Sep 2023 14:16

Instrument :

MSVOA_D

ClientSampleId :

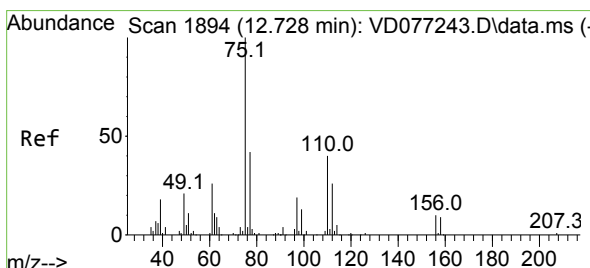
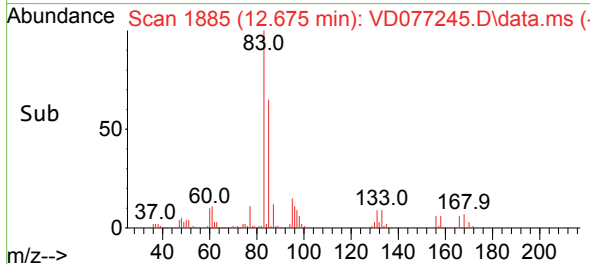
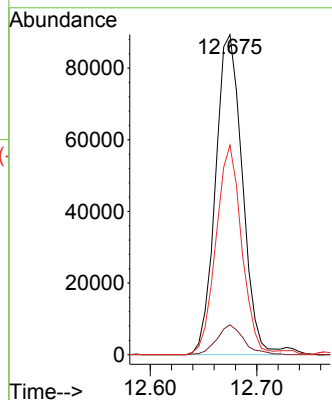
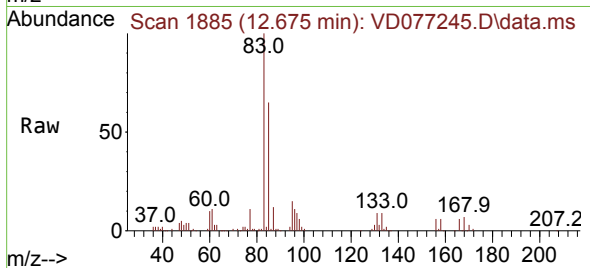
Tgt Ion: 83 Resp: 156125

Ion Ratio Lower Upper

83 100

131 9.4 5.1 15.3

85 62.7 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 116.725 ug/l

RT: 12.728 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VD077245.D

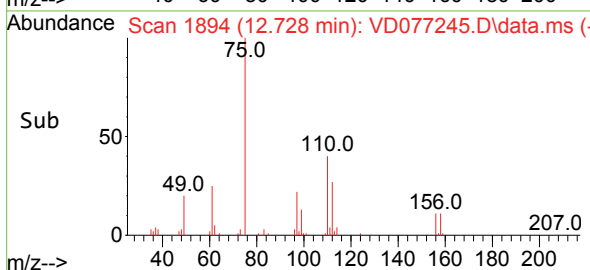
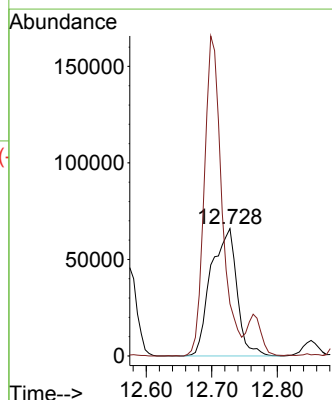
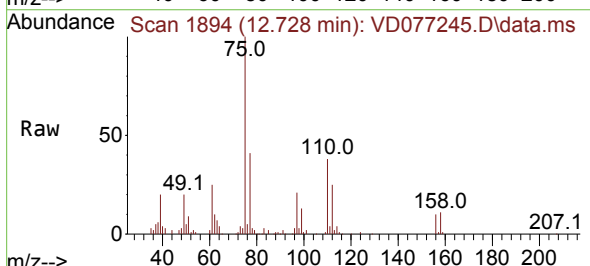
Acq: 29 Sep 2023 14:16

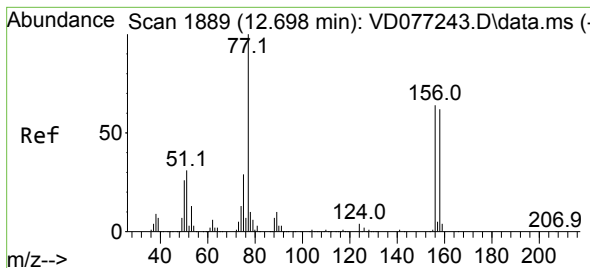
Tgt Ion: 75 Resp: 181822

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 48.632 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. 0.000 min

Lab File: VD077245.D

Acq: 29 Sep 2023 14:16

Instrument :

MSVOA_D

ClientSampleId :

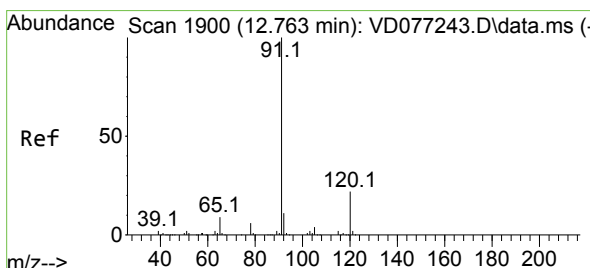
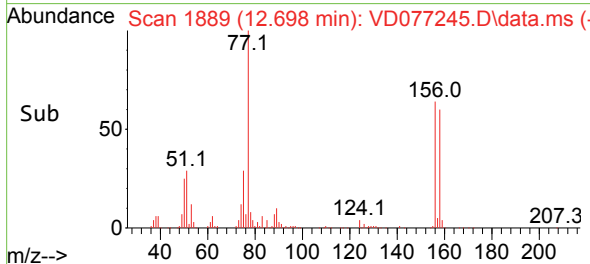
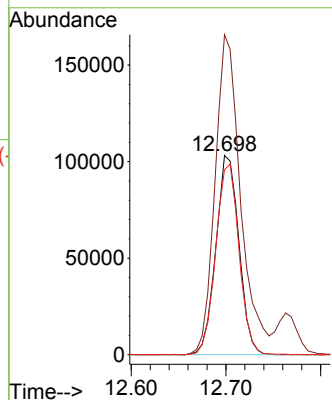
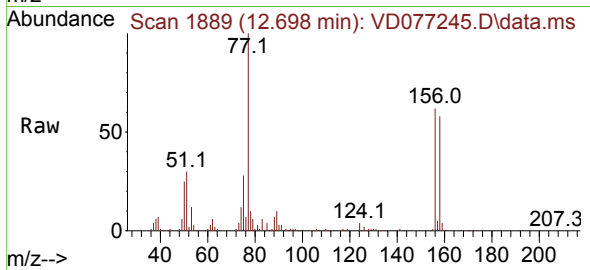
Tgt Ion:156 Resp: 174729

Ion Ratio Lower Upper

156 100

77 177.7 76.8 230.4

158 96.5 48.6 145.9



#78

n-propylbenzene

Concen: 52.314 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD077245.D

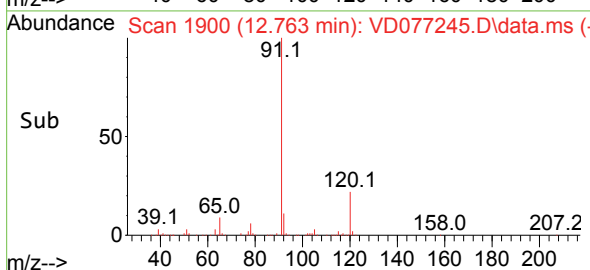
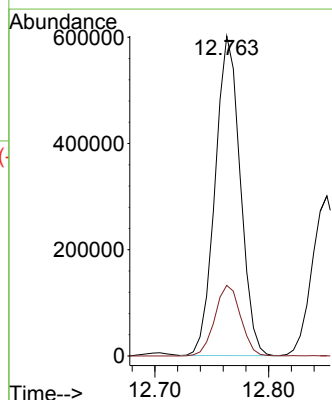
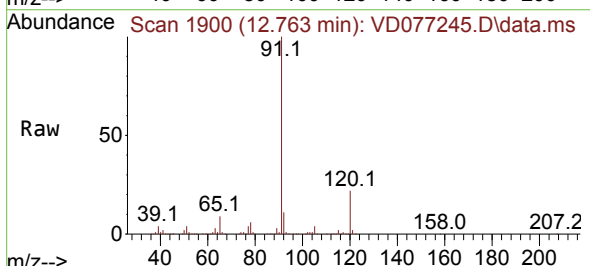
Acq: 29 Sep 2023 14:16

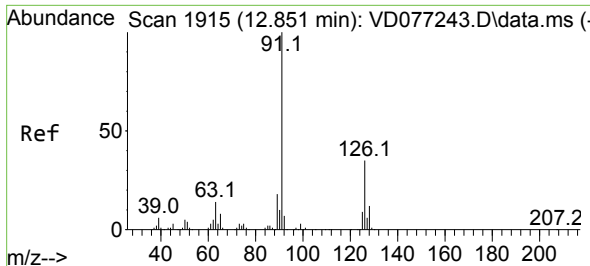
Tgt Ion: 91 Resp: 922680

Ion Ratio Lower Upper

91 100

120 22.7 12.4 37.2

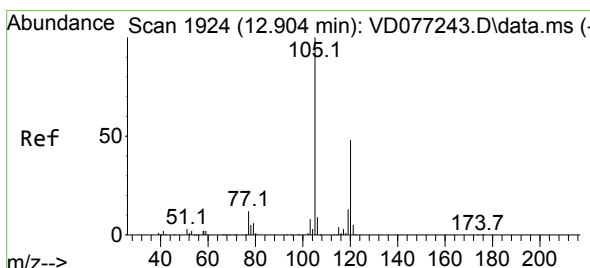
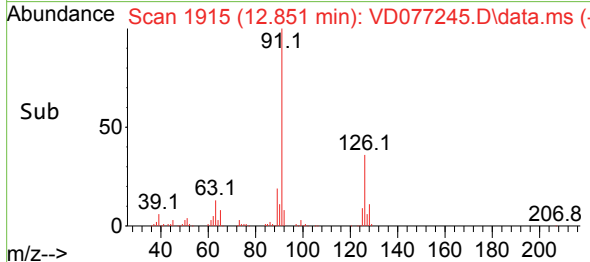
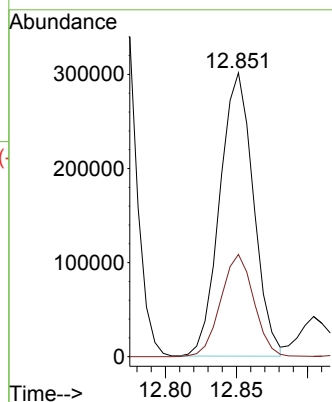
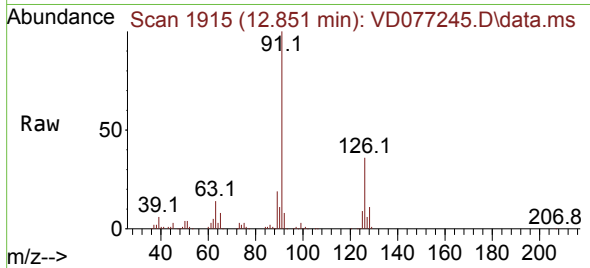




#79
2-Chlorotoluene
Concen: 51.170 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD077245.D
Acq: 29 Sep 2023 14:16

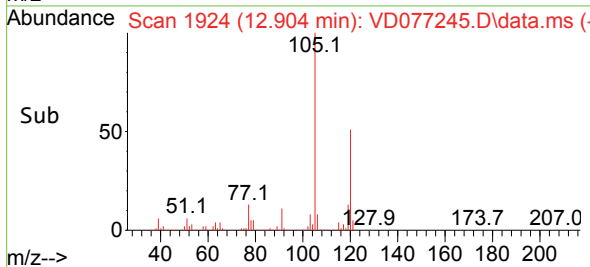
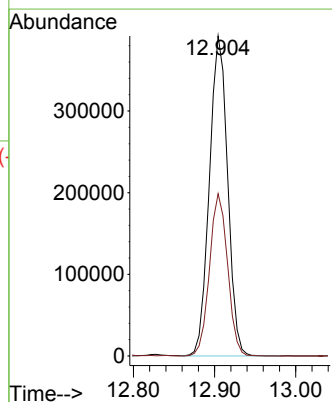
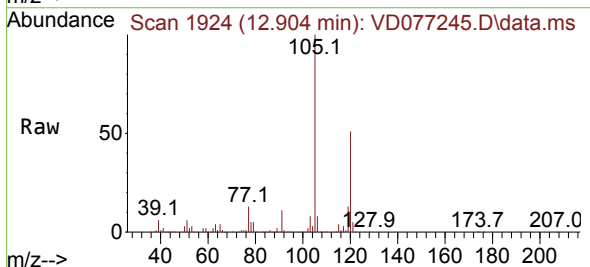
Instrument :
MSVOA_D
ClientSampleId :

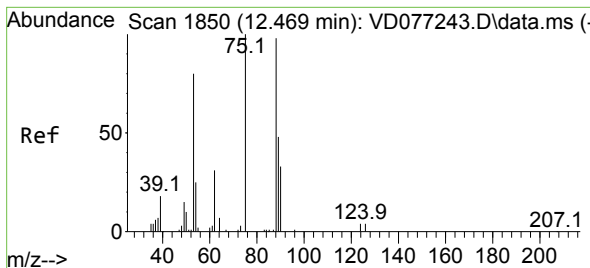
Tgt Ion: 91 Resp: 497676
Ion Ratio Lower Upper
91 100
126 35.4 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 50.714 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077245.D
Acq: 29 Sep 2023 14:16

Tgt Ion: 105 Resp: 611132
Ion Ratio Lower Upper
105 100
120 50.1 26.4 79.2

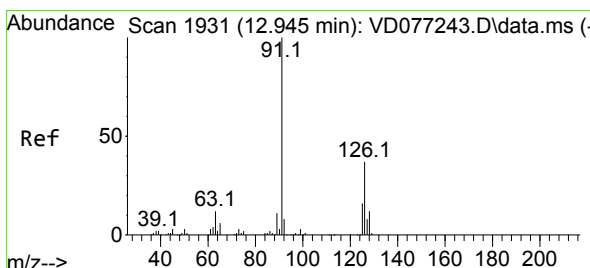
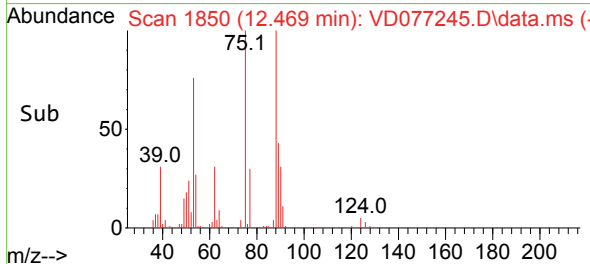
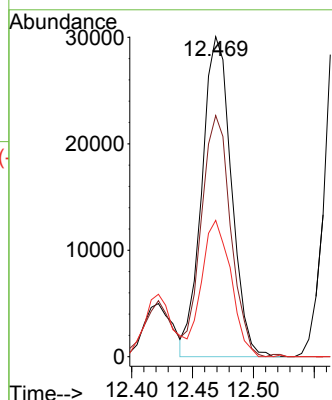
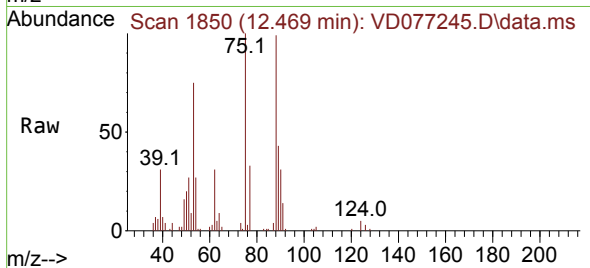




#81
trans-1,4-Dichloro-2-butene
Concen: 61.375 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD077245.D
Acq: 29 Sep 2023 14:16

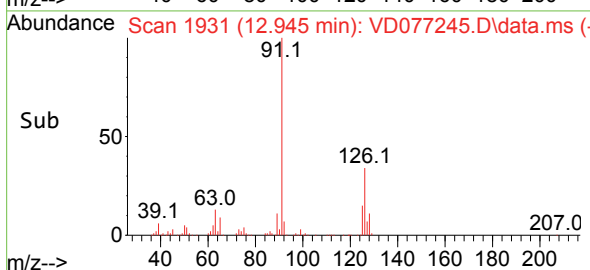
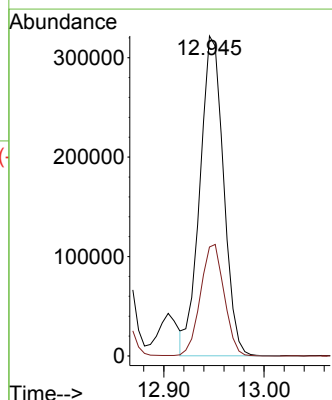
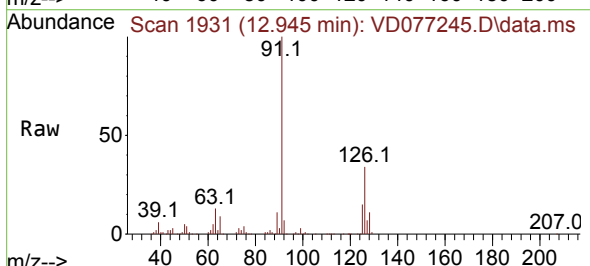
Instrument :
MSVOA_D
ClientSampleId :

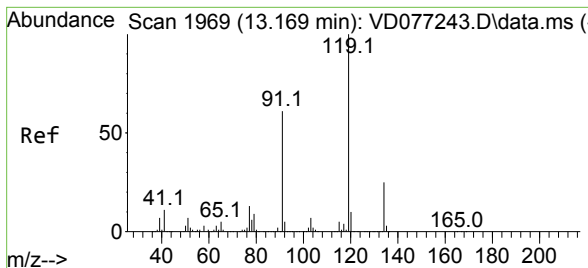
Tgt Ion	Ratio	Lower	Upper
75	100		
53	75.5	63.0	94.4
89	42.1	37.9	56.9



#82
4-Chlorotoluene
Concen: 51.599 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD077245.D
Acq: 29 Sep 2023 14:16

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.0	19.4	58.4





#83

tert-Butylbenzene

Concen: 50.683 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD077245.D

Acq: 29 Sep 2023 14:16

Instrument :

MSVOA_D

ClientSampleId :

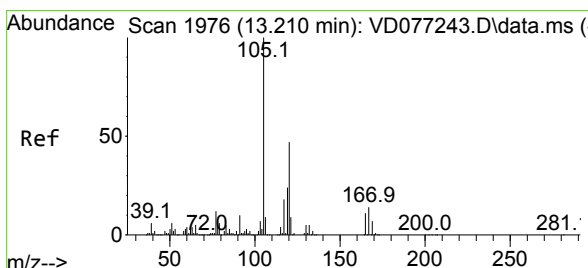
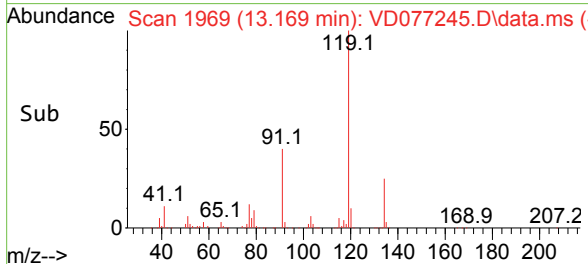
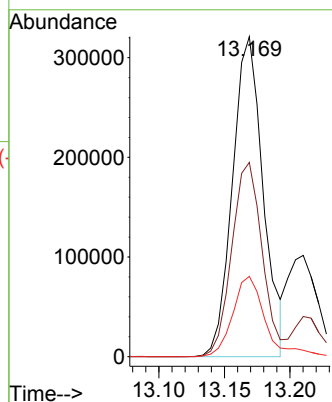
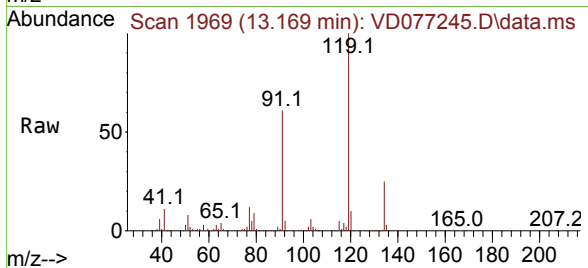
Tgt Ion:119 Resp: 521800

Ion Ratio Lower Upper

119 100

91 60.0 29.3 87.8

134 26.7 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 51.529 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. -0.006 min

Lab File: VD077245.D

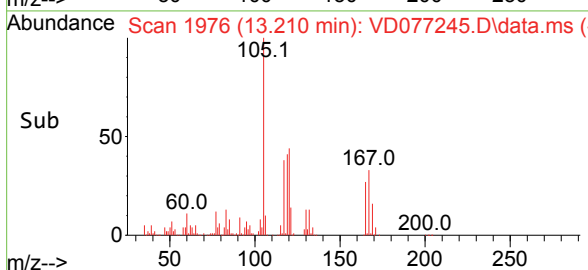
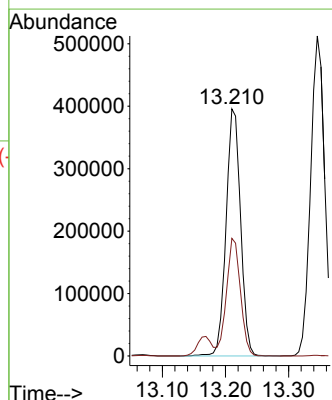
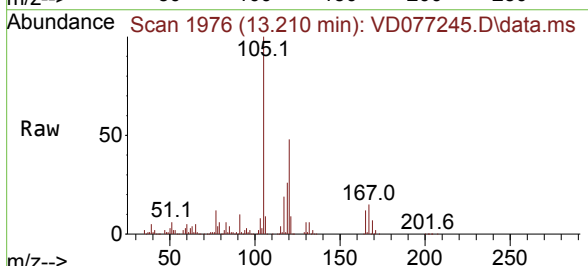
Acq: 29 Sep 2023 14:16

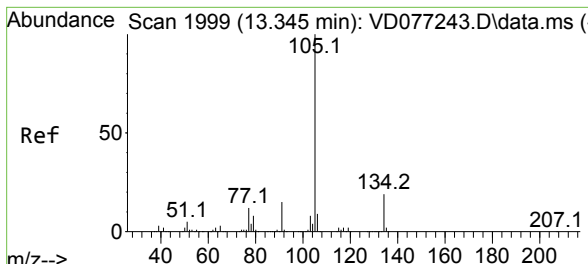
Tgt Ion:105 Resp: 629651

Ion Ratio Lower Upper

105 100

120 45.6 24.3 72.9

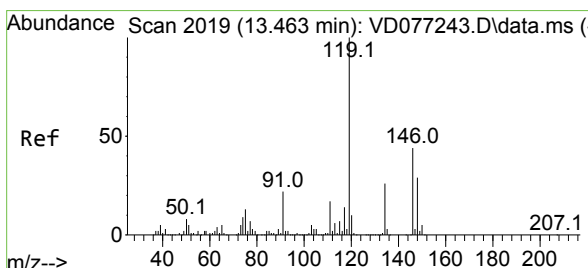
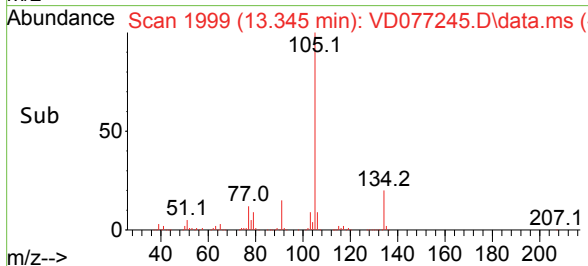
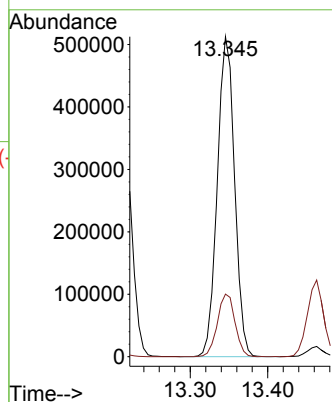
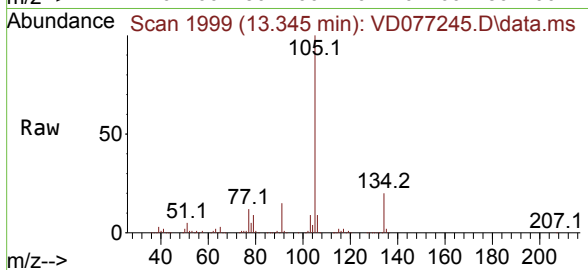




#85
 sec-Butylbenzene
 Concen: 51.360 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD077245.D
 Acq: 29 Sep 2023 14:16

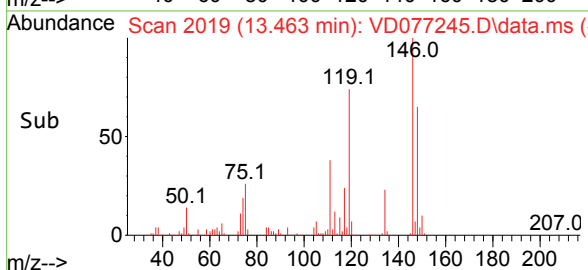
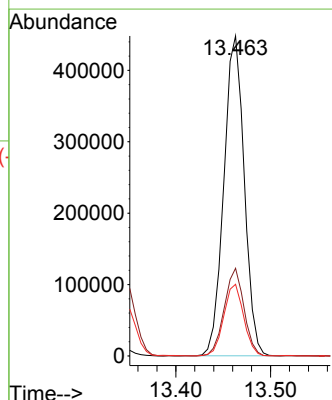
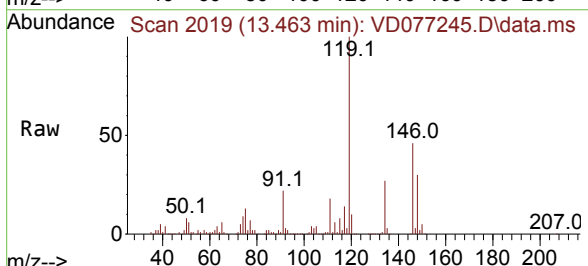
Instrument :
 MSVOA_D
 ClientSampleId :

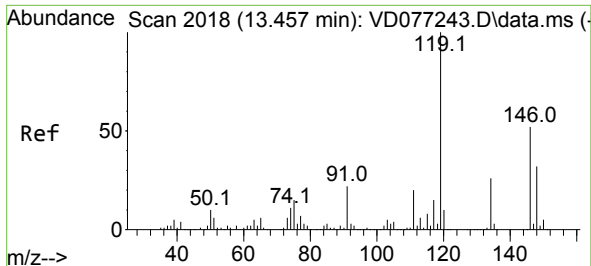
Tgt Ion:105 Resp: 793462
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 51.213 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD077245.D
 Acq: 29 Sep 2023 14:16

Tgt Ion:119 Resp: 671206
 Ion Ratio Lower Upper
 119 100
 134 26.5 14.2 42.6
 91 21.8 10.5 31.5

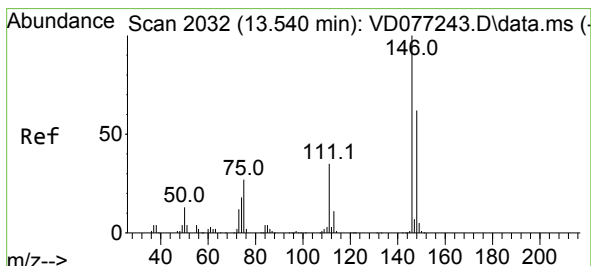
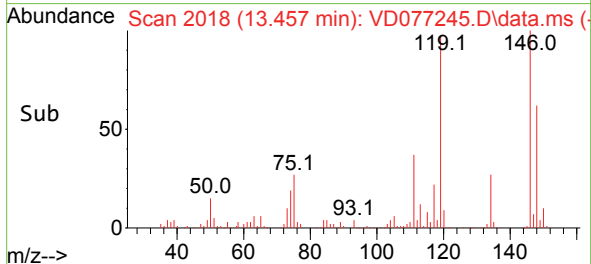
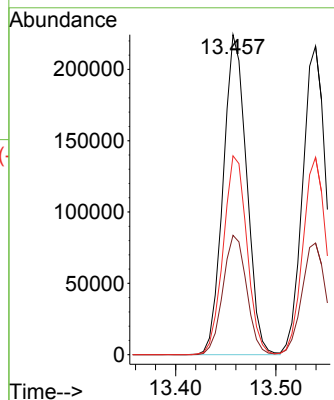
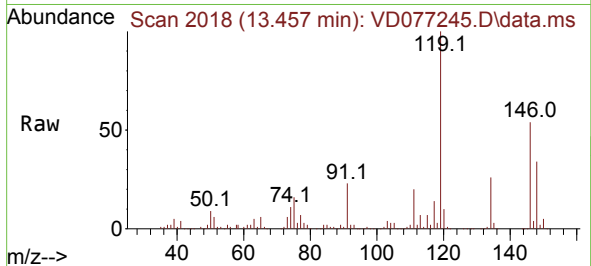




#87
 1,3-Dichlorobenzene
 Concen: 49.198 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD077245.D
 Acq: 29 Sep 2023 14:16

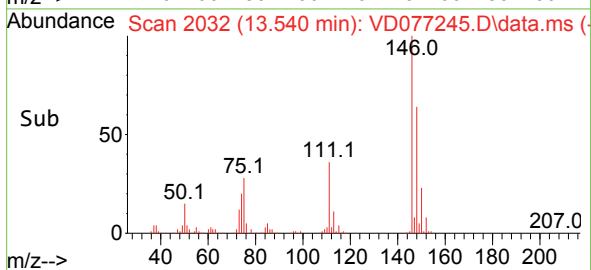
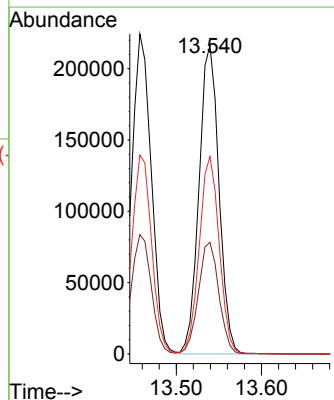
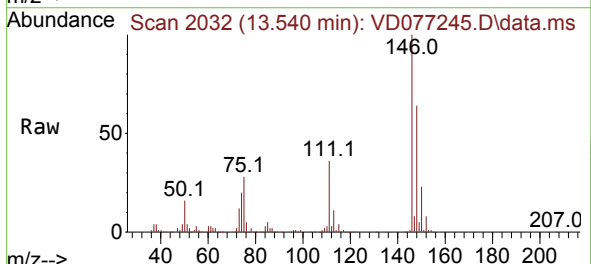
Instrument :
 MSVOA_D
 ClientSampleId :

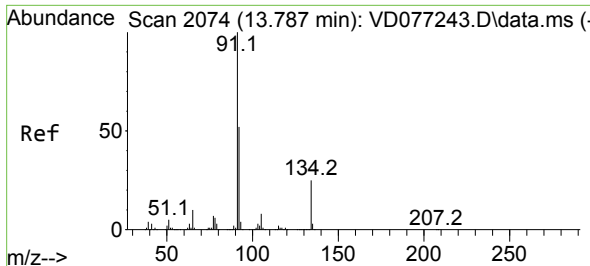
Tgt Ion:146 Resp: 363521
 Ion Ratio Lower Upper
 146 100
 111 37.7 17.9 53.8
 148 62.8 32.3 96.8



#88
 1,4-Dichlorobenzene
 Concen: 48.318 ug/l
 RT: 13.540 min Scan# 2032
 Delta R.T. 0.000 min
 Lab File: VD077245.D
 Acq: 29 Sep 2023 14:16

Tgt Ion:146 Resp: 351272
 Ion Ratio Lower Upper
 146 100
 111 37.0 17.4 52.3
 148 64.1 31.7 95.1

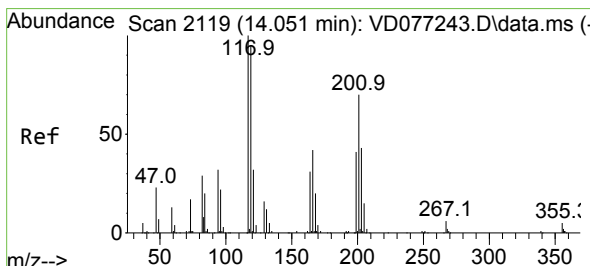
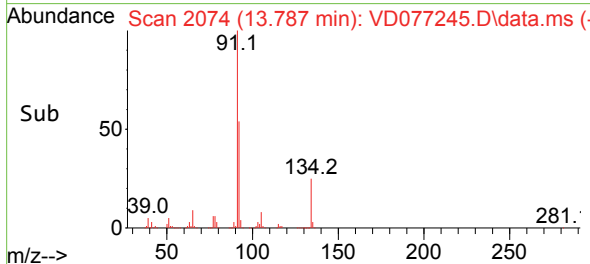
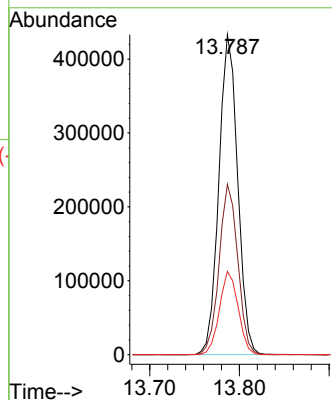
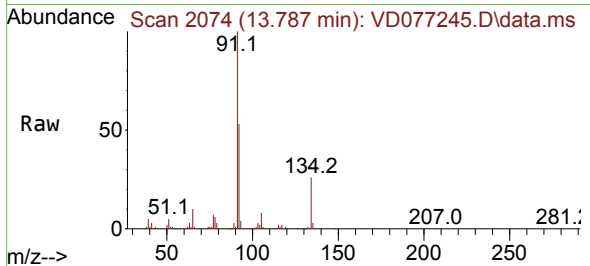




#89
n-Butylbenzene
Concen: 52.147 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD077245.D
Acq: 29 Sep 2023 14:16

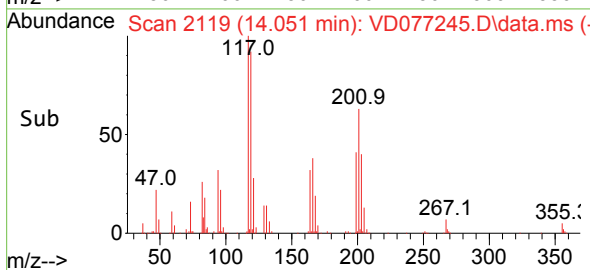
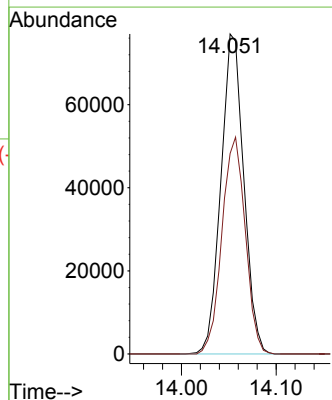
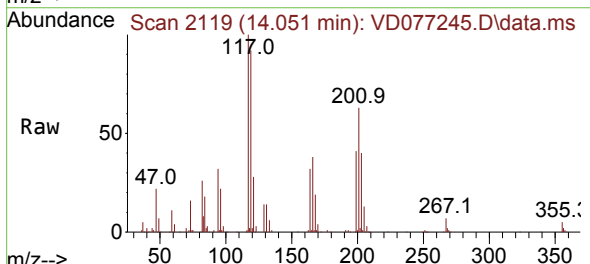
Instrument :
MSVOA_D
ClientSampleId :

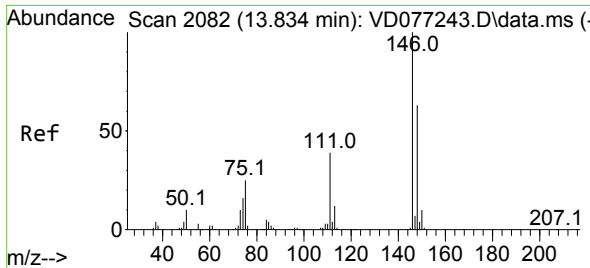
Tgt Ion: 91 Resp: 630471
Ion Ratio Lower Upper
91 100
92 52.9 26.5 79.5
134 25.9 13.8 41.3



#90
Hexachloroethane
Concen: 49.818 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VD077245.D
Acq: 29 Sep 2023 14:16

Tgt Ion: 117 Resp: 129489
Ion Ratio Lower Upper
117 100
201 68.9 38.5 115.5

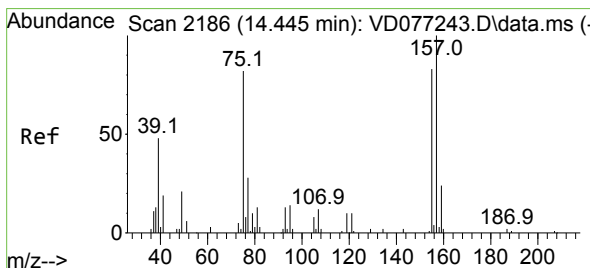
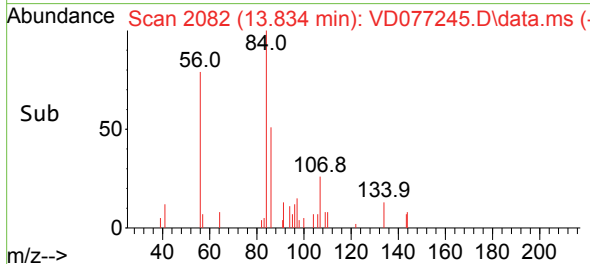
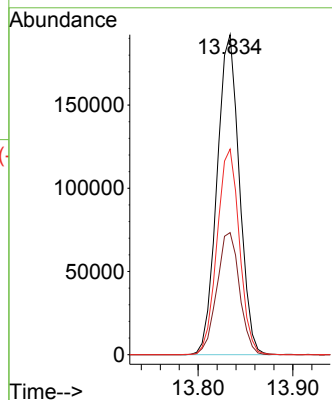
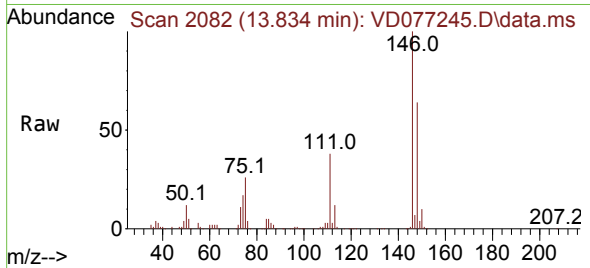




#91
1,2-Dichlorobenzene
Concen: 49.644 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD077245.D
Acq: 29 Sep 2023 14:16

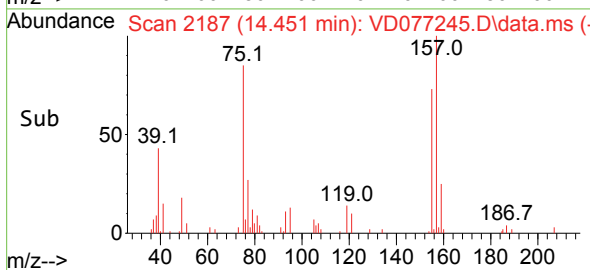
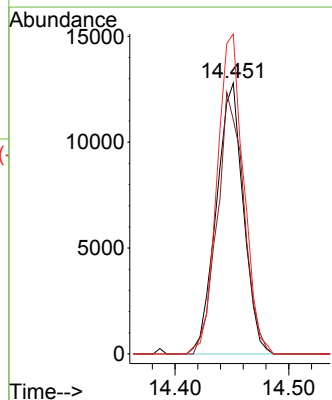
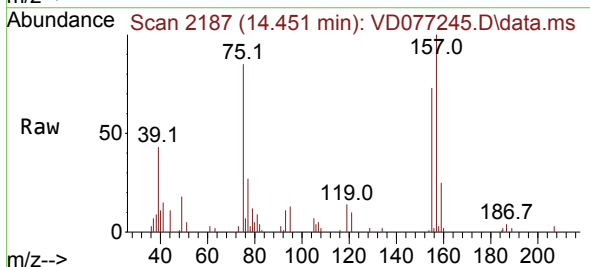
Instrument :
MSVOA_D
ClientSampleId :

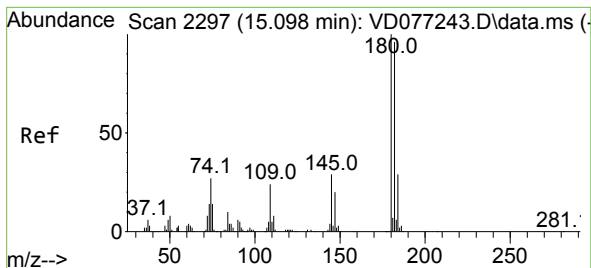
Tgt Ion:146 Resp: 314510
Ion Ratio Lower Upper
146 100
111 38.9 18.3 54.8
148 64.3 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 57.979 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VD077245.D
Acq: 29 Sep 2023 14:16

Tgt Ion: 75 Resp: 21081
Ion Ratio Lower Upper
75 100
155 95.3 47.9 143.8
157 116.3 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 49.186 ug/l

RT: 15.104 min Scan# 2298

Delta R.T. 0.000 min

Lab File: VD077245.D

Acq: 29 Sep 2023 14:16

Instrument :

MSVOA_D

ClientSampleId :

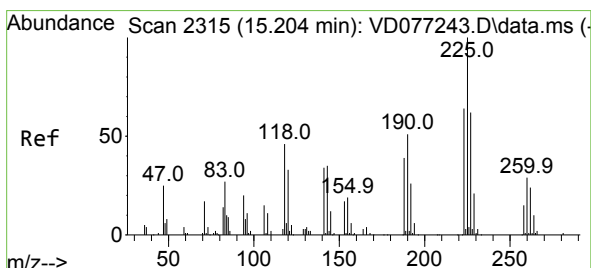
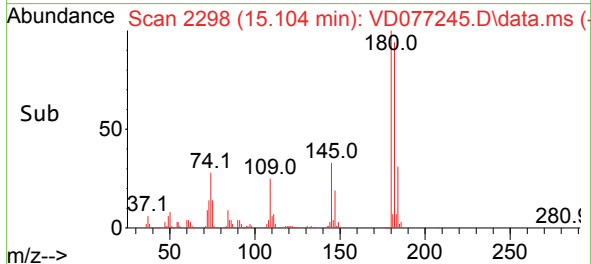
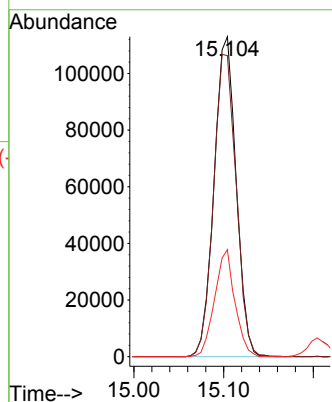
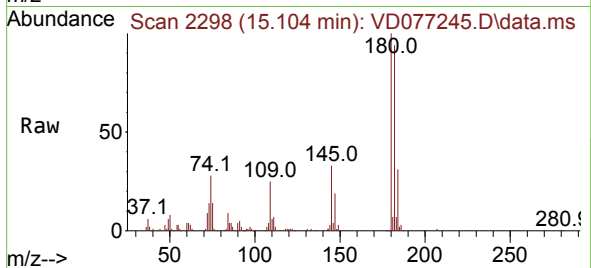
Tgt Ion:180 Resp: 192247

Ion Ratio Lower Upper

180 100

182 97.3 48.5 145.6

145 30.9 14.2 42.6



#94

Hexachlorobutadiene

Concen: 47.175 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD077245.D

Acq: 29 Sep 2023 14:16

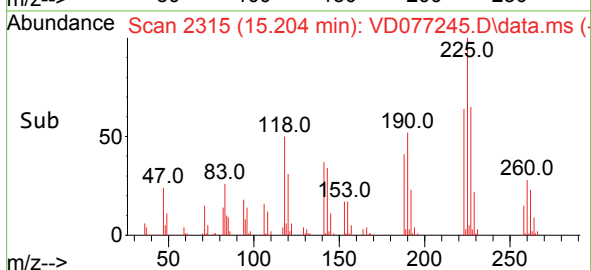
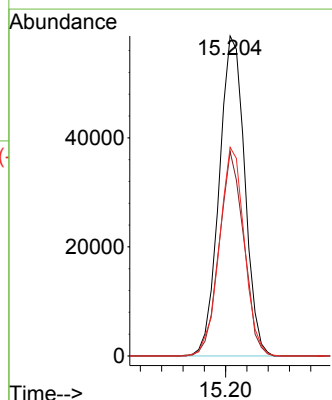
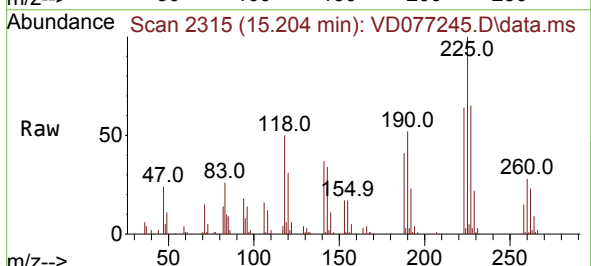
Tgt Ion:225 Resp: 97709

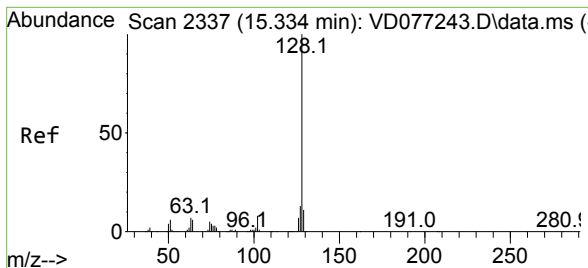
Ion Ratio Lower Upper

225 100

223 61.4 31.6 94.8

227 63.8 31.7 95.1





#95

Naphthalene

Concen: 55.646 ug/l

RT: 15.334 min Scan# 2337

Delta R.T. 0.000 min

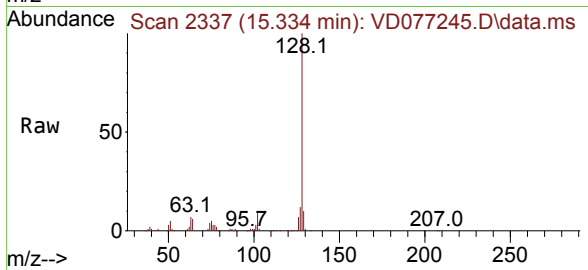
Lab File: VD077245.D

Acq: 29 Sep 2023 14:16

Instrument :

MSVOA_D

ClientSampleId :



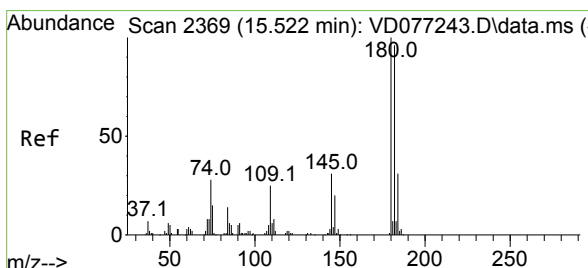
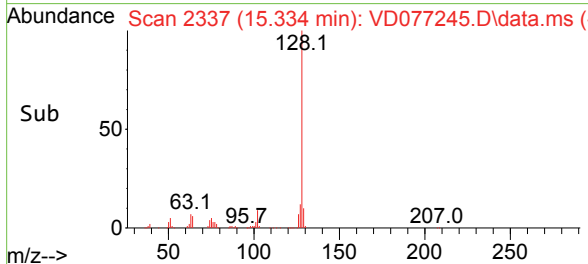
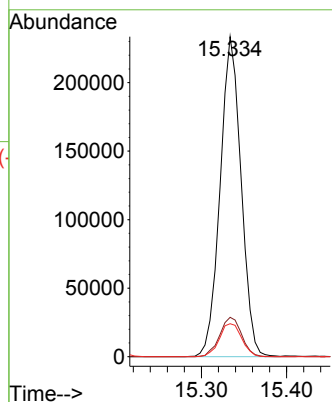
Tgt Ion:128 Resp: 398820

Ion Ratio Lower Upper

128 100

127 12.3 10.5 15.7

129 10.3 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 50.822 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. 0.000 min

Lab File: VD077245.D

Acq: 29 Sep 2023 14:16

Tgt Ion:180 Resp: 176561

Ion Ratio Lower Upper

180 100

182 94.3 47.3 141.9

145 31.6 15.1 45.3

