

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092923\
 Data File : VD077248.D
 Acq On : 29 Sep 2023 16:23
 Operator : JC/SY
 Sample : VD0929SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 30 04:44:50 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	209988	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	363064	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	345922	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	176406	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	108918	51.395	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.800%	
35) Dibromofluoromethane	7.804	113	120701	47.863	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 95.720%	
50) Toluene-d8	10.269	98	470664	52.435	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 104.860%	
62) 4-Bromofluorobenzene	12.569	95	135925	48.857	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 97.720%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	48561	22.378	ug/l	98
3) Chloromethane	2.146	50	69193	17.249	ug/l	99
4) Vinyl Chloride	2.281	62	77276	18.009	ug/l	100
5) Bromomethane	2.687	94	61982	19.833	ug/l	97
6) Chloroethane	2.834	64	56154	21.031	ug/l	97
7) Trichlorofluoromethane	3.169	101	86079	22.194	ug/l	92
8) Diethyl Ether	3.593	74	25731	20.556	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.963	101	51210	21.119	ug/l	99
10) Methyl Iodide	4.163	142	67364	19.437	ug/l	91
11) Tert butyl alcohol	5.058	59	12832	106.200	ug/l #	93
12) 1,1-Dichloroethene	3.940	96	50846	20.815	ug/l	92
13) Acrolein	3.793	56	11116	122.268	ug/l	96
14) Allyl chloride	4.563	41	68025	22.825	ug/l	91
15) Acrylonitrile	5.252	53	56268	107.198	ug/l	98
16) Acetone	4.016	43	55028	113.611	ug/l	87
17) Carbon Disulfide	4.269	76	156913	19.513	ug/l	96
18) Methyl Acetate	4.563	43	41665	22.749	ug/l	88
19) Methyl tert-butyl Ether	5.316	73	108640	20.553	ug/l	96
20) Methylene Chloride	4.799	84	89974	25.646	ug/l #	81
21) trans-1,2-Dichloroethene	5.310	96	58946	19.962	ug/l	92
22) Diisopropyl ether	6.210	45	146672	21.767	ug/l #	95
23) Vinyl Acetate	6.157	43	338985	125.836	ug/l #	93
24) 1,1-Dichloroethane	6.110	63	102182	21.128	ug/l	99
25) 2-Butanone	7.087	43	70260	110.260	ug/l #	84
26) 2,2-Dichloropropane	7.075	77	83681	20.384	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	66777	20.116	ug/l	95
28) Bromochloromethane	7.422	49	26191	17.636	ug/l	85
29) Tetrahydrofuran	7.446	42	40172	107.841	ug/l	88
30) Chloroform	7.593	83	108757	20.866	ug/l	93
31) Cyclohexane	7.875	56	76943	20.753	ug/l	86
32) 1,1,1-Trichloroethane	7.799	97	88029	20.233	ug/l	100
36) 1,1-Dichloropropene	8.010	75	76904	20.249	ug/l	97
37) Ethyl Acetate	7.169	43	32072	22.011	ug/l	94
38) Carbon Tetrachloride	7.993	117	71901	19.262	ug/l	96
39) Methylcyclohexane	9.275	83	83643	19.141	ug/l	93
40) Benzene	8.246	78	238802	20.323	ug/l	98

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Instrument :
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.410	41	16256	20.902	ug/l #	87
42) 1,2-Dichloroethane	8.328	62	58734	20.161	ug/l	97
43) Isopropyl Acetate	8.363	43	55828	20.810	ug/l	93
44) Trichloroethene	9.034	130	61618	18.947	ug/l	99
45) 1,2-Dichloropropane	9.304	63	59808	20.956	ug/l	98
46) Dibromomethane	9.393	93	32201	19.416	ug/l	95
47) Bromodichloromethane	9.587	83	80333	20.044	ug/l	99
48) Methyl methacrylate	9.375	41	27317	22.408	ug/l #	80
49) 1,4-Dioxane	9.393	88	5779	386.039	ug/l	87
51) 4-Methyl-2-Pentanone	10.157	43	147331	105.005	ug/l	90
52) Toluene	10.334	92	148557	19.763	ug/l	98
53) t-1,3-Dichloropropene	10.557	75	72940	19.481	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	88329	19.690	ug/l #	93
55) 1,1,2-Trichloroethane	10.734	97	45356	20.107	ug/l	98
56) Ethyl methacrylate	10.598	69	48750	20.117	ug/l	90
57) 1,3-Dichloropropane	10.881	76	74111	20.295	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	66835	74.984	ug/l	98
59) 2-Hexanone	10.922	43	106688	105.977	ug/l	90
60) Dibromochloromethane	11.075	129	53240	19.270	ug/l	97
61) 1,2-Dibromoethane	11.181	107	42222	19.362	ug/l	100
64) Tetrachloroethene	10.810	164	51548	19.153	ug/l	97
65) Chlorobenzene	11.610	112	158070	19.425	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	56305	18.913	ug/l	98
67) Ethyl Benzene	11.687	91	272097	19.453	ug/l	97
68) m/p-Xylenes	11.792	106	215574	38.492	ug/l	90
69) o-Xylene	12.122	106	97703	19.007	ug/l	91
70) Styrene	12.134	104	170382	19.455	ug/l	97
71) Bromoform	12.298	173	30768	18.644	ug/l #	97
73) Isopropylbenzene	12.422	105	250711	19.234	ug/l	96
74) N-amyl acetate	12.234	43	51183	20.904	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.675	83	50864	20.678	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	60648	43.100	ug/l #	100
77) Bromobenzene	12.698	156	61962	19.091	ug/l	89
78) n-propylbenzene	12.763	91	319538	20.056	ug/l	96
79) 2-Chlorotoluene	12.851	91	175618	19.988	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	212798	19.548	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	15299	20.579	ug/l	96
82) 4-Chlorotoluene	12.945	91	185160	20.052	ug/l	95
83) tert-Butylbenzene	13.169	119	176917	19.023	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	209056	18.939	ug/l	98
85) sec-Butylbenzene	13.345	105	272902	19.554	ug/l	97
86) p-Isopropyltoluene	13.463	119	225687	19.062	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	127282	19.069	ug/l	98
88) 1,4-Dichlorobenzene	13.539	146	127546	19.421	ug/l	97
89) n-Butylbenzene	13.786	91	213892	19.584	ug/l	96
90) Hexachloroethane	14.051	117	44870	19.110	ug/l	90
91) 1,2-Dichlorobenzene	13.828	146	109671	19.163	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.451	75	6650	20.246	ug/l	98
93) 1,2,4-Trichlorobenzene	15.098	180	64894	18.380	ug/l	98
94) Hexachlorobutadiene	15.204	225	34451	18.413	ug/l	98
95) Naphthalene	15.333	128	116087	17.930	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	56957	18.149	ug/l	98

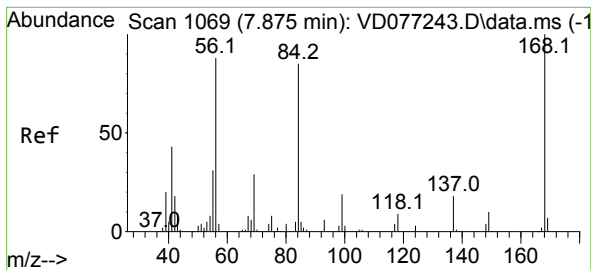
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092923\
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Response via : Initial Calibration

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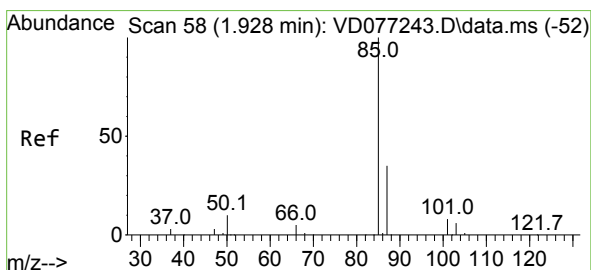
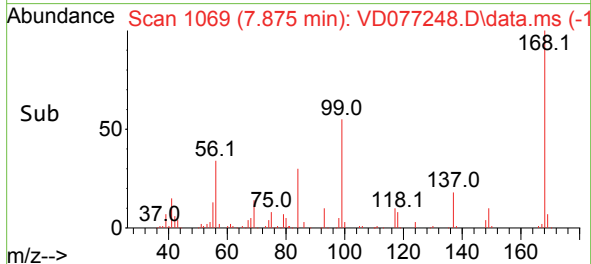
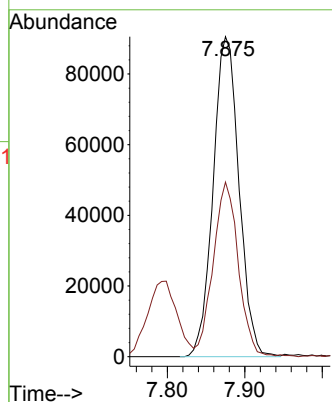
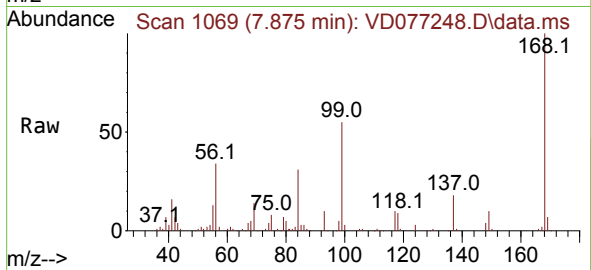
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077248.D
Acq: 29 Sep 2023 16:23

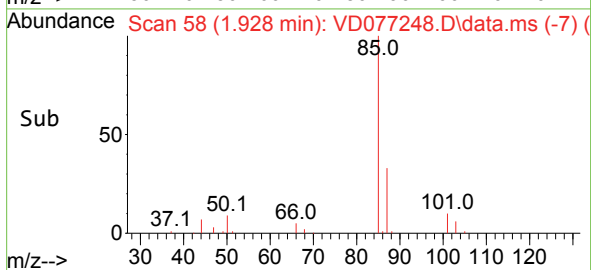
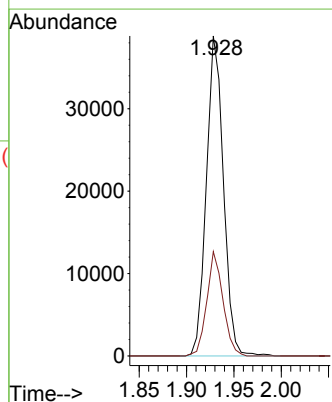
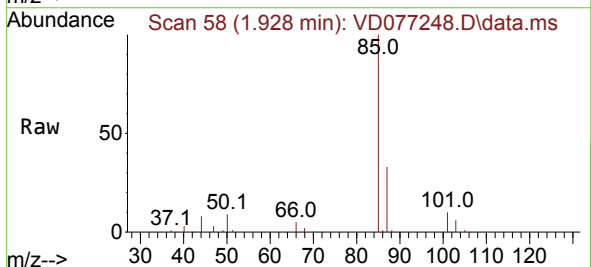
Instrument :
MSVOA_D
ClientSampleId :

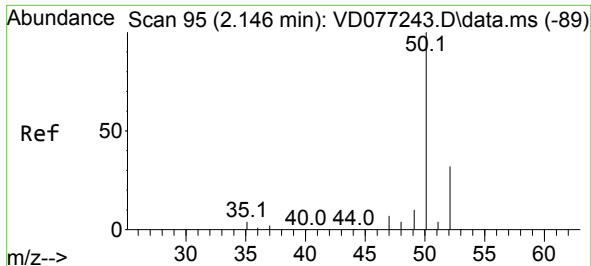
Tgt Ion:168 Resp: 209988
Ion Ratio Lower Upper
168 100
99 54.0 36.7 55.1



#2
Dichlorodifluoromethane
Concen: 22.378 ug/l
RT: 1.928 min Scan# 58
Delta R.T. 0.000 min
Lab File: VD077248.D
Acq: 29 Sep 2023 16:23

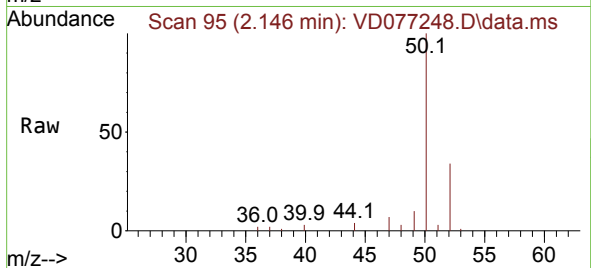
Tgt Ion: 85 Resp: 48561
Ion Ratio Lower Upper
85 100
87 32.6 15.7 47.0



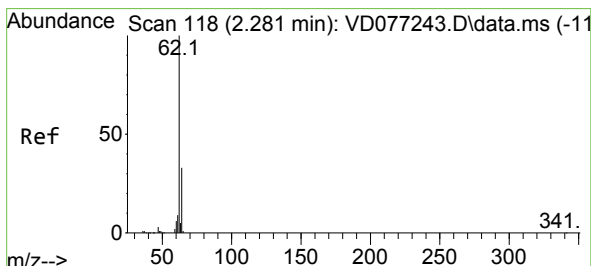
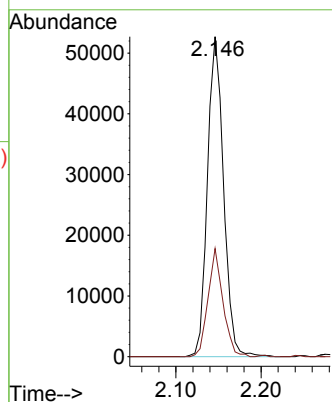
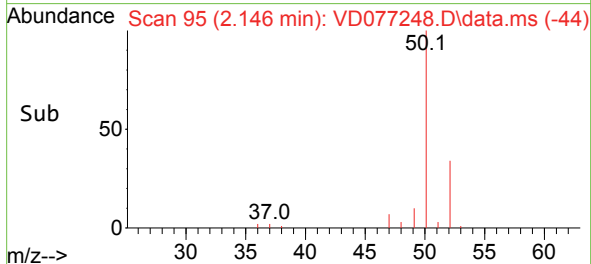


#3
Chloromethane
Concen: 17.249 ug/l
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD077248.D
Acq: 29 Sep 2023 16:23

Instrument :
MSVOA_D
ClientSampleId :

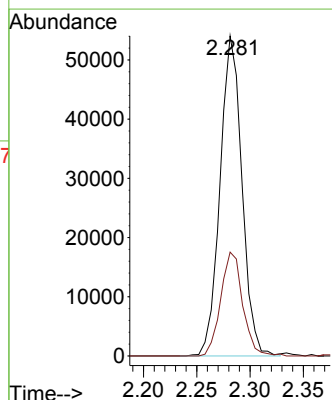
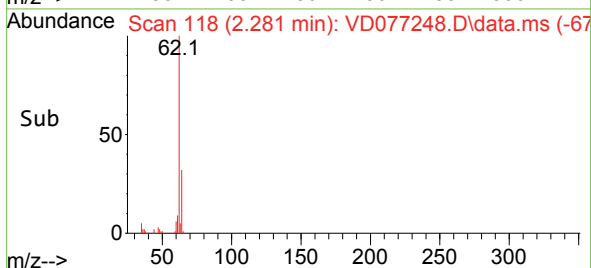
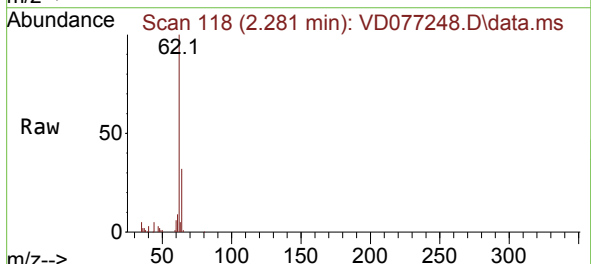


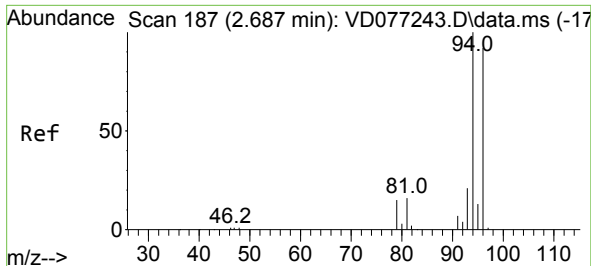
Tgt Ion: 50 Resp: 69193
Ion Ratio Lower Upper
50 100
52 33.8 26.6 40.0



#4
Vinyl Chloride
Concen: 18.009 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD077248.D
Acq: 29 Sep 2023 16:23

Tgt Ion: 62 Resp: 77276
Ion Ratio Lower Upper
62 100
64 32.5 26.0 39.0

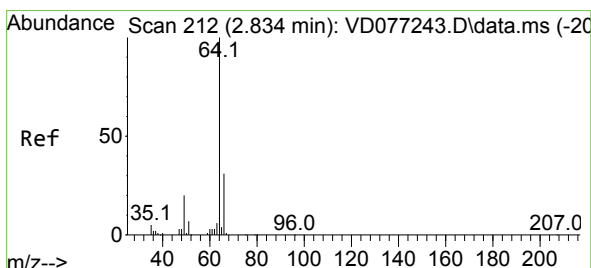
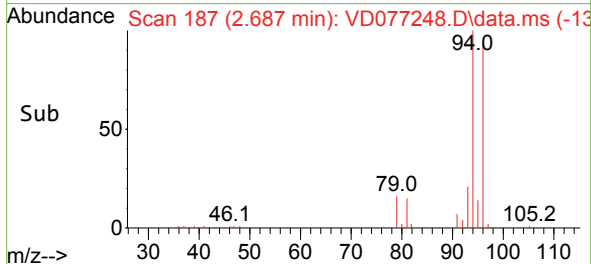
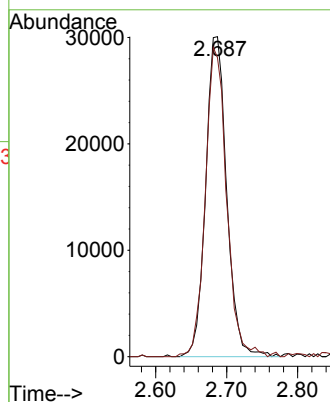
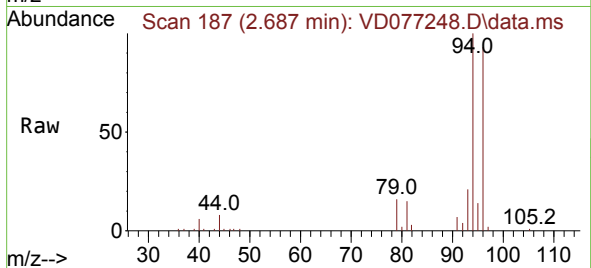




#5
Bromomethane
Concen: 19.833 ug/l
RT: 2.687 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077248.D
Acq: 29 Sep 2023 16:23

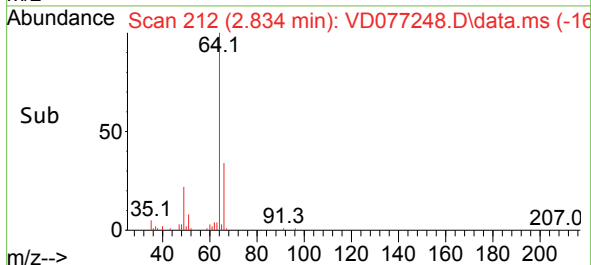
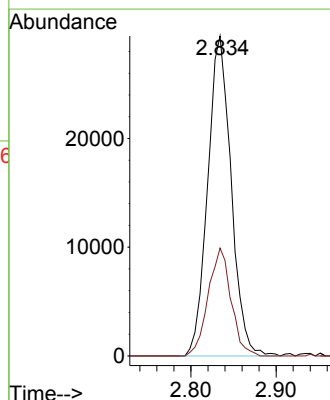
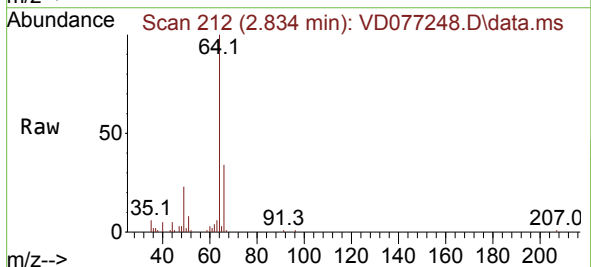
Instrument :
MSVOA_D
ClientSampleId :

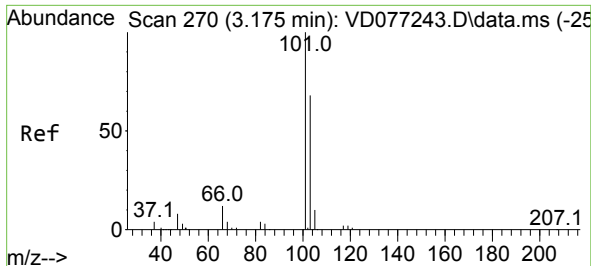
Tgt Ion: 94 Resp: 61982
Ion Ratio Lower Upper
94 100
96 97.5 75.8 113.8



#6
Chloroethane
Concen: 21.031 ug/l
RT: 2.834 min Scan# 212
Delta R.T. 0.000 min
Lab File: VD077248.D
Acq: 29 Sep 2023 16:23

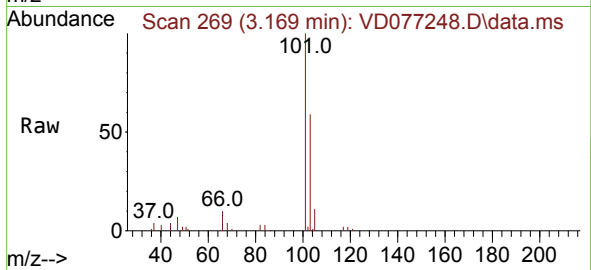
Tgt Ion: 64 Resp: 56154
Ion Ratio Lower Upper
64 100
66 33.7 25.5 38.3



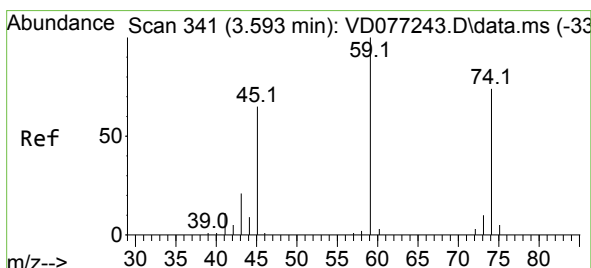
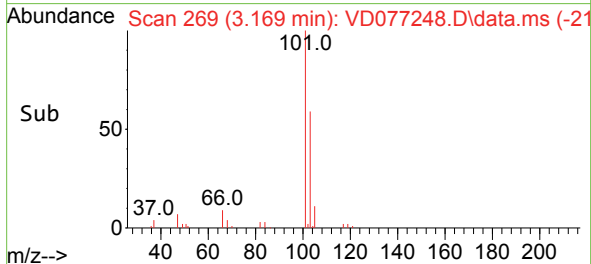
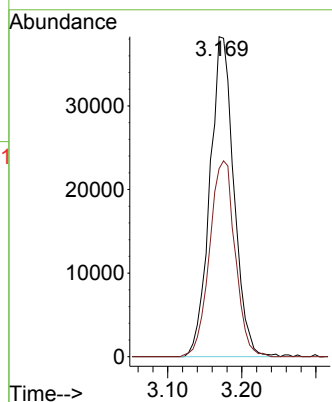


#7
 Trichlorofluoromethane
 Concen: 22.194 ug/l
 RT: 3.169 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VD077248.D
 Acq: 29 Sep 2023 16:23

Instrument :
 MSVOA_D
 ClientSampleId :

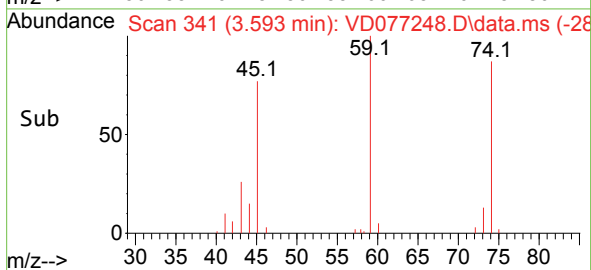
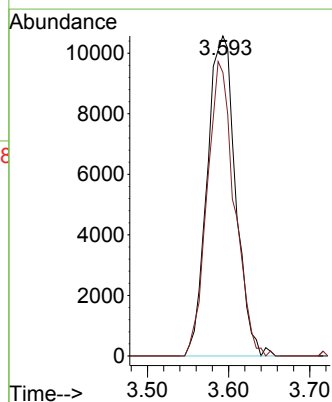
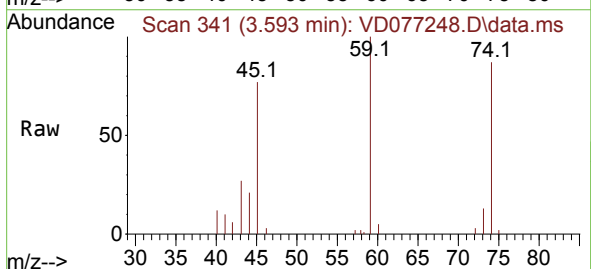


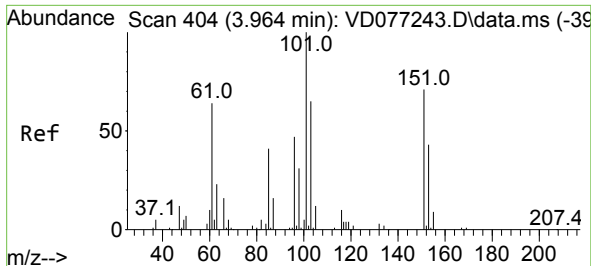
Tgt Ion:101 Resp: 86079
 Ion Ratio Lower Upper
 101 100
 103 58.8 52.3 78.5



#8
 Diethyl Ether
 Concen: 20.556 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VD077248.D
 Acq: 29 Sep 2023 16:23

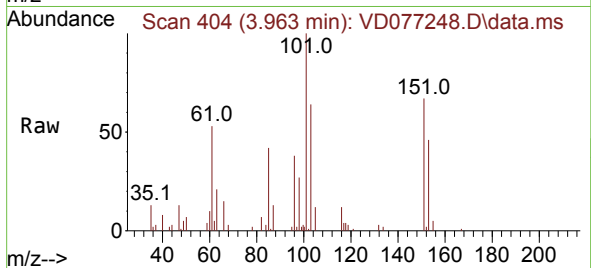
Tgt Ion: 74 Resp: 25731
 Ion Ratio Lower Upper
 74 100
 45 88.4 37.5 112.7



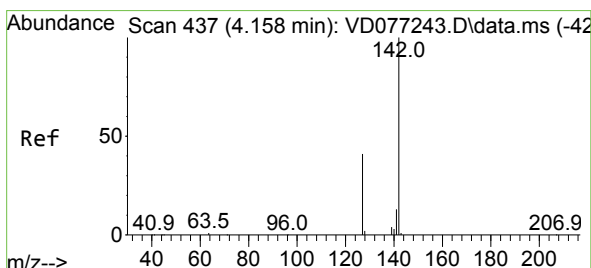
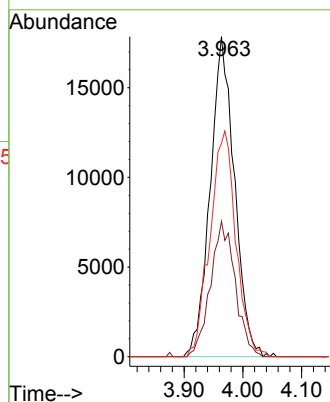
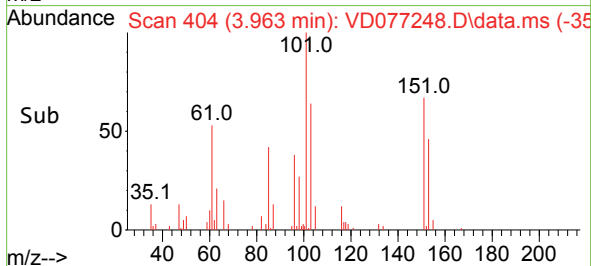


#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 21.119 ug/l
 RT: 3.963 min Scan# 404
 Delta R.T. 0.006 min
 Lab File: VD077248.D
 Acq: 29 Sep 2023 16:23

Instrument :
 MSVOA_D
 ClientSampleId :

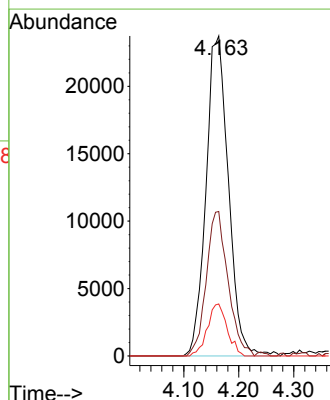
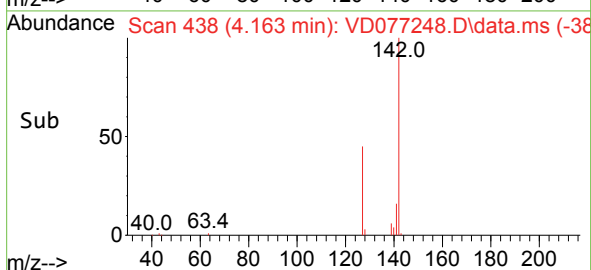
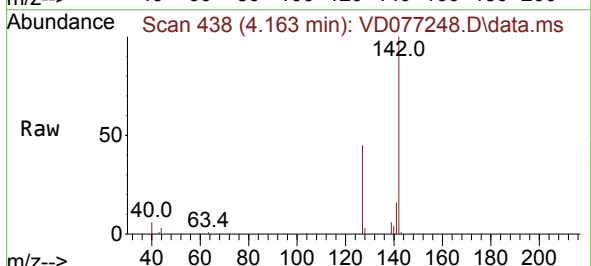


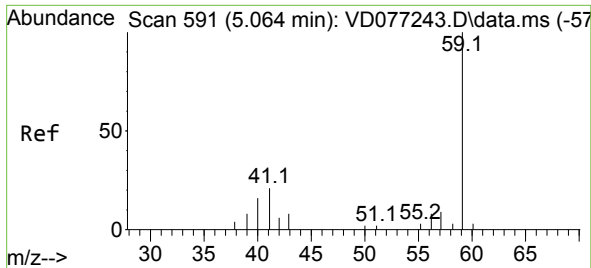
Tgt Ion:	101	Resp:	51210
Ion	Ratio	Lower	Upper
101	100		
85	43.2	33.8	50.6
151	75.5	59.8	89.6



#10
 Methyl Iodide
 Concen: 19.437 ug/l
 RT: 4.163 min Scan# 438
 Delta R.T. 0.006 min
 Lab File: VD077248.D
 Acq: 29 Sep 2023 16:23

Tgt Ion:	142	Resp:	67364
Ion	Ratio	Lower	Upper
142	100		
127	43.7	29.4	44.0
141	14.3	11.1	16.7

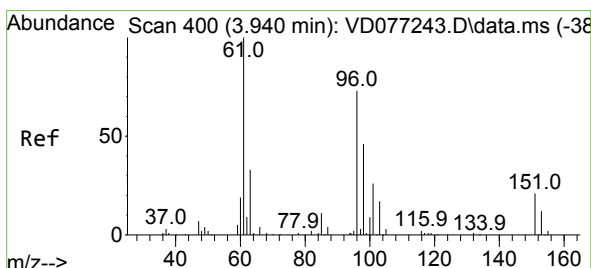
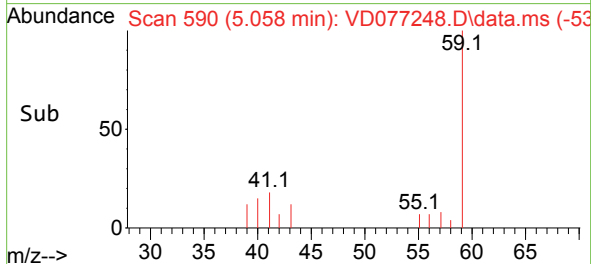
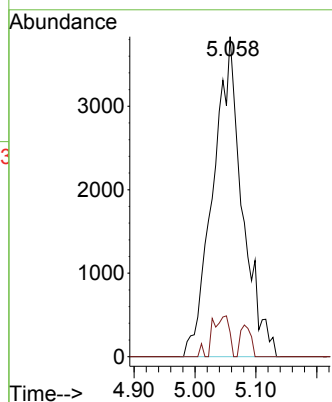
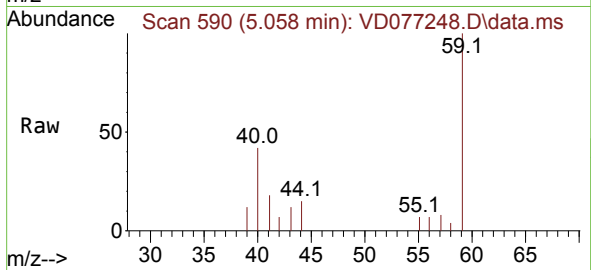




#11
Tert butyl alcohol
Concen: 106.200 ug/l
RT: 5.058 min Scan# 591
Delta R.T. 0.012 min
Lab File: VD077248.D
Acq: 29 Sep 2023 16:23

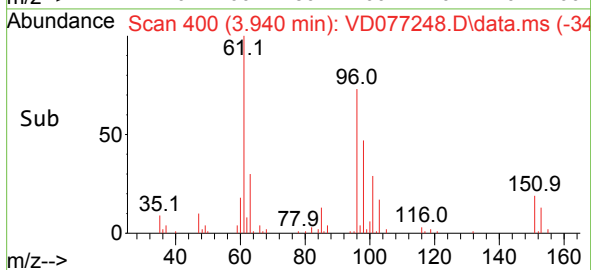
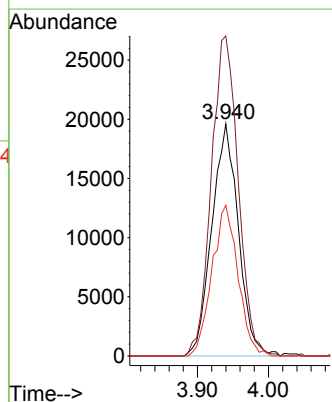
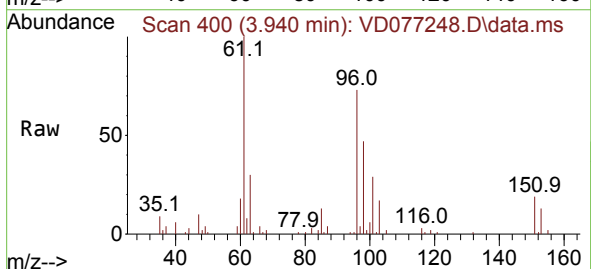
Instrument :
MSVOA_D
ClientSampleId :

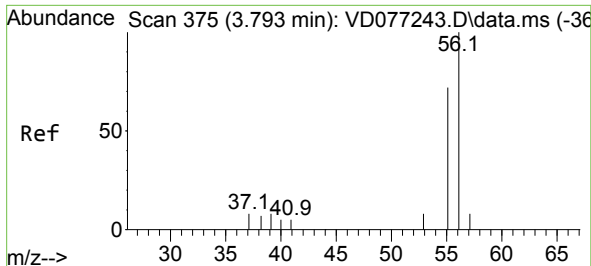
Tgt Ion: 59 Resp: 12832
Ion Ratio Lower Upper
59 100
57 7.2 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 20.815 ug/l
RT: 3.940 min Scan# 400
Delta R.T. 0.000 min
Lab File: VD077248.D
Acq: 29 Sep 2023 16:23

Tgt Ion: 96 Resp: 50846
Ion Ratio Lower Upper
96 100
61 137.9 100.6 150.8
98 64.9 50.2 75.2

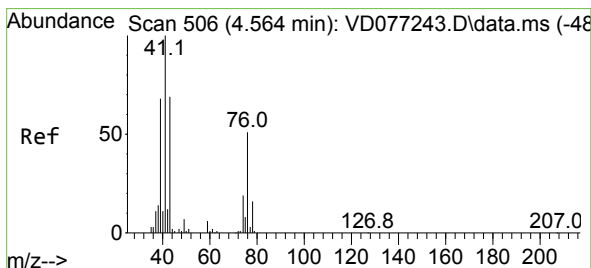
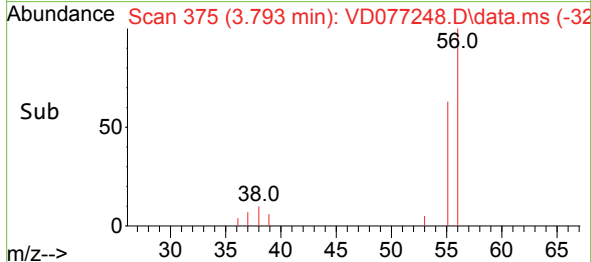
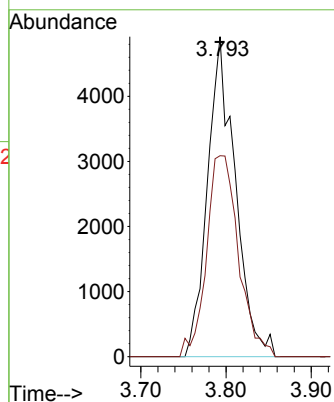
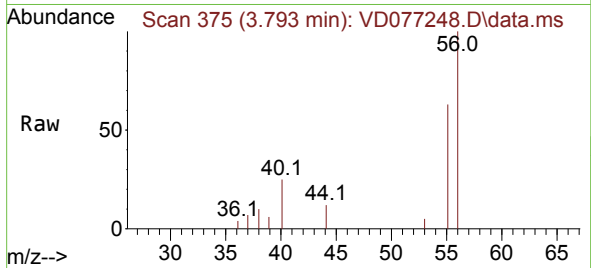




#13
Acrolein
Concen: 122.268 ug/l
RT: 3.793 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD077248.D
Acq: 29 Sep 2023 16:23

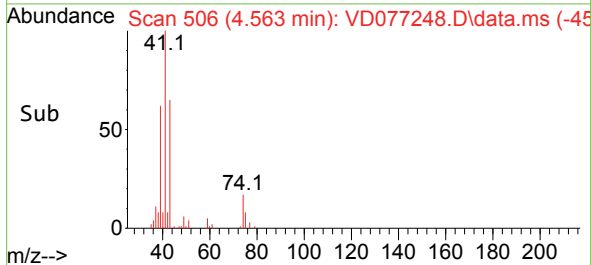
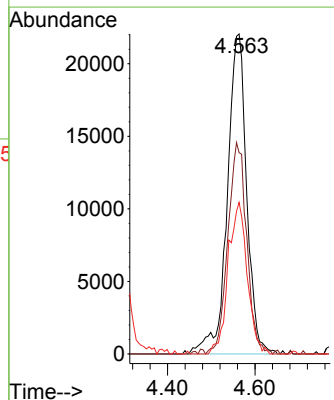
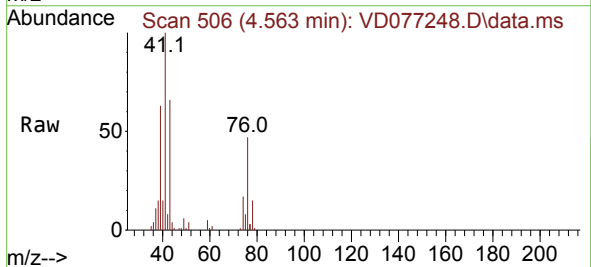
Instrument :
MSVOA_D
ClientSampleId :

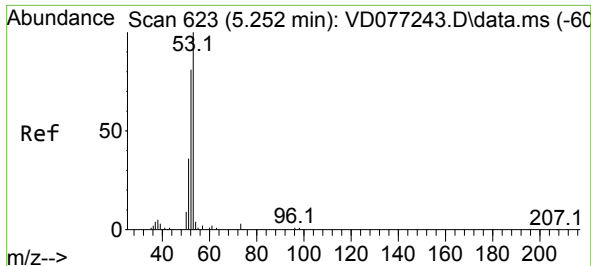
Tgt Ion: 56 Resp: 11116
Ion Ratio Lower Upper
56 100
55 72.5 55.1 82.7



#14
Allyl chloride
Concen: 22.825 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.006 min
Lab File: VD077248.D
Acq: 29 Sep 2023 16:23

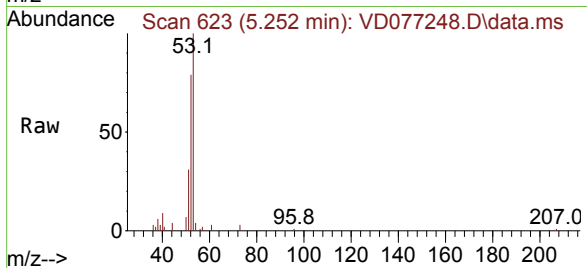
Tgt Ion: 41 Resp: 68025
Ion Ratio Lower Upper
41 100
39 64.0 53.8 80.6
76 46.6 45.8 68.8



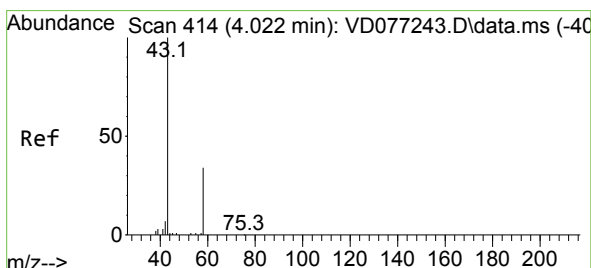
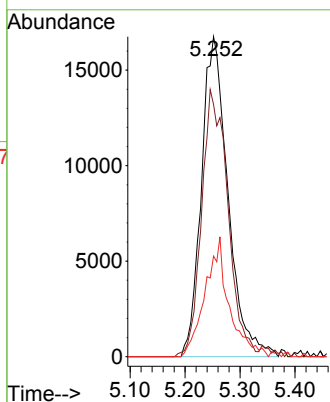
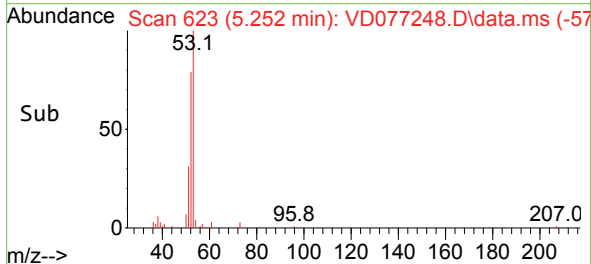


#15
Acrylonitrile
Concen: 107.198 ug/l
RT: 5.252 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077248.D
Acq: 29 Sep 2023 16:23

Instrument :
MSVOA_D
ClientSampleId :

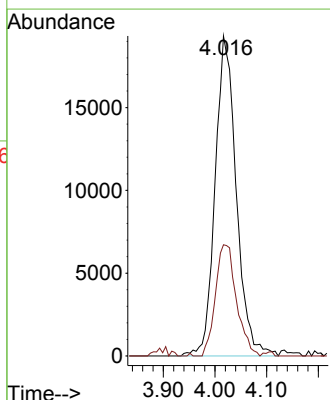
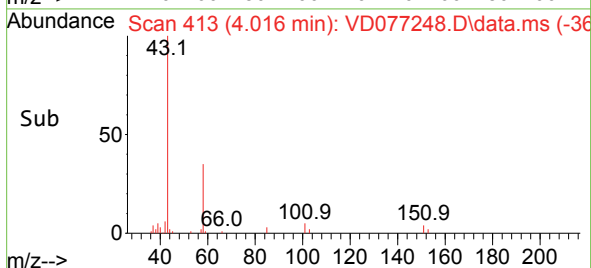
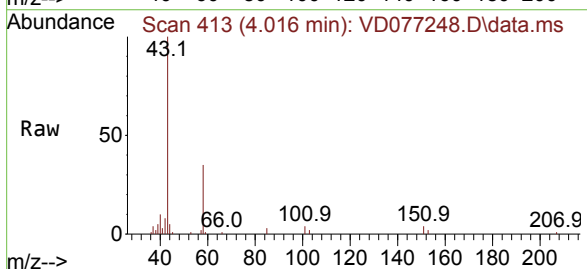


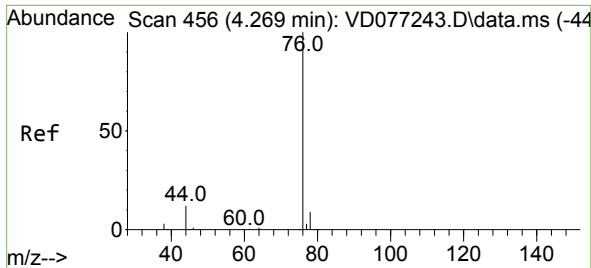
Tgt Ion: 53 Resp: 56268
Ion Ratio Lower Upper
53 100
52 82.3 65.0 97.4
51 33.6 28.3 42.5



#16
Acetone
Concen: 113.611 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD077248.D
Acq: 29 Sep 2023 16:23

Tgt Ion: 43 Resp: 55028
Ion Ratio Lower Upper
43 100
58 34.8 34.7 52.1

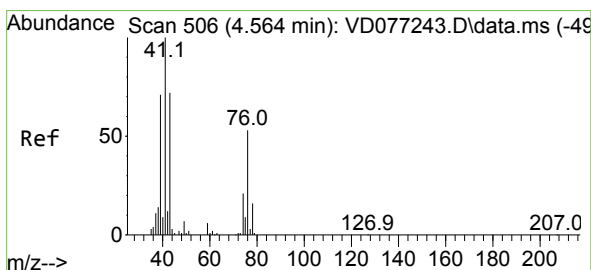
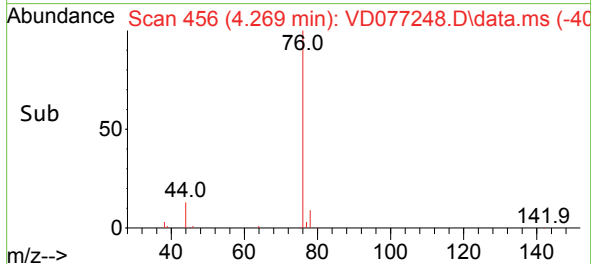
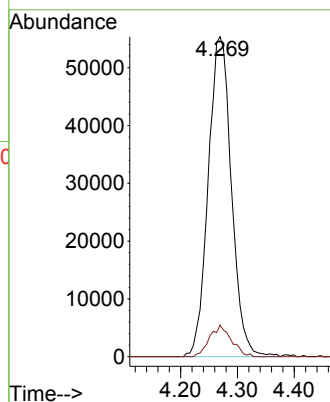
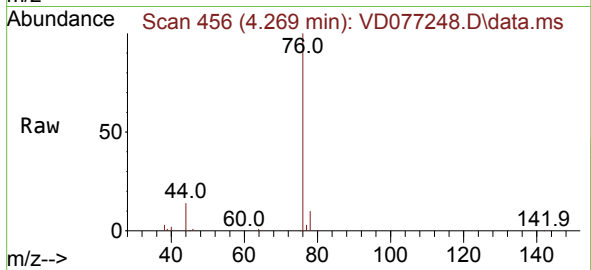




#17
Carbon Disulfide
Concen: 19.513 ug/l
RT: 4.269 min Scan# 456
Delta R.T. 0.000 min
Lab File: VD077248.D
Acq: 29 Sep 2023 16:23

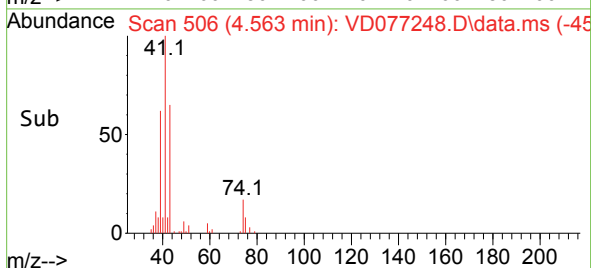
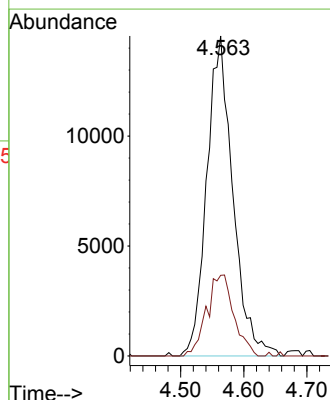
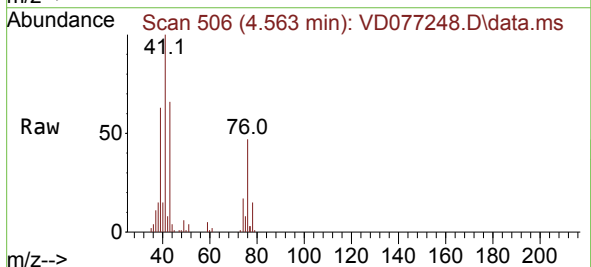
Instrument :
MSVOA_D
ClientSampleId :

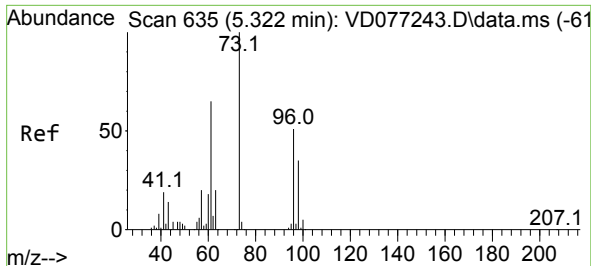
Tgt Ion: 76 Resp: 156913
Ion Ratio Lower Upper
76 100
78 9.8 6.8 10.2



#18
Methyl Acetate
Concen: 22.749 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.006 min
Lab File: VD077248.D
Acq: 29 Sep 2023 16:23

Tgt Ion: 43 Resp: 41665
Ion Ratio Lower Upper
43 100
74 26.4 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 20.553 ug/l

RT: 5.316 min Scan# 61

Delta R.T. 0.006 min

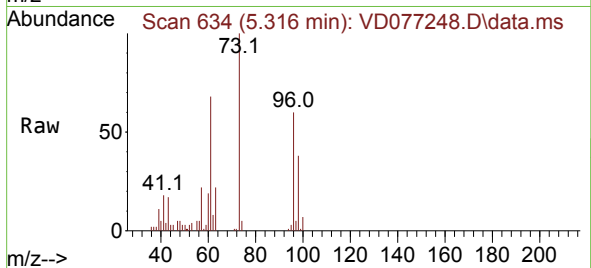
Lab File: VD077248.D

Acq: 29 Sep 2023 16:23

Instrument :

MSVOA_D

ClientSampleId :

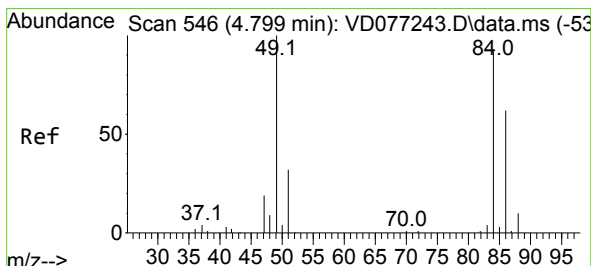
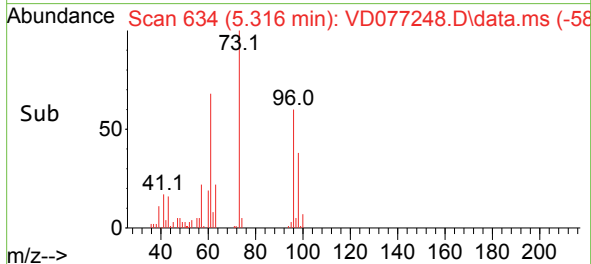
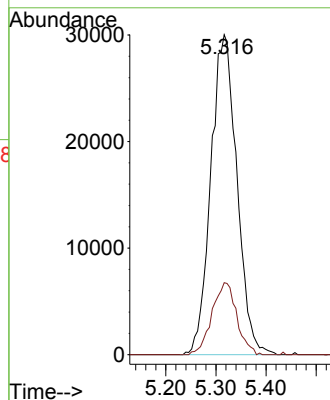


Tgt Ion: 73 Resp: 108640

Ion Ratio Lower Upper

73 100

57 22.5 16.6 25.0



#20

Methylene Chloride

Concen: 25.646 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.000 min

Lab File: VD077248.D

Acq: 29 Sep 2023 16:23

Tgt Ion: 84 Resp: 89974

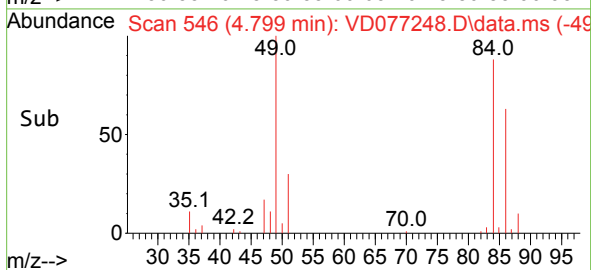
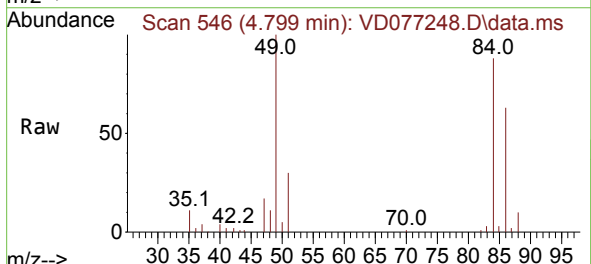
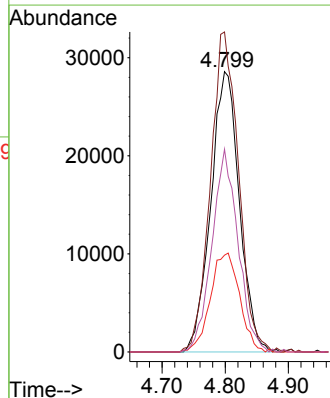
Ion Ratio Lower Upper

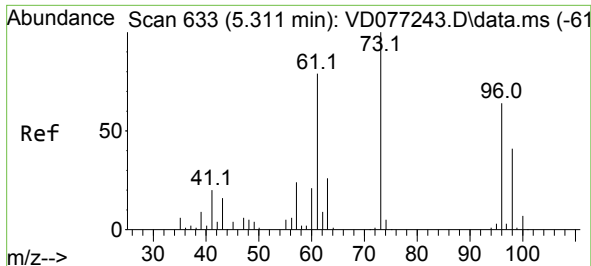
84 100

49 114.1 71.4 107.2#

51 34.5 24.5 36.7

86 72.3 48.7 73.1





#21

trans-1,2-Dichloroethene

Concen: 19.962 ug/l

RT: 5.310 min Scan# 61

Delta R.T. 0.006 min

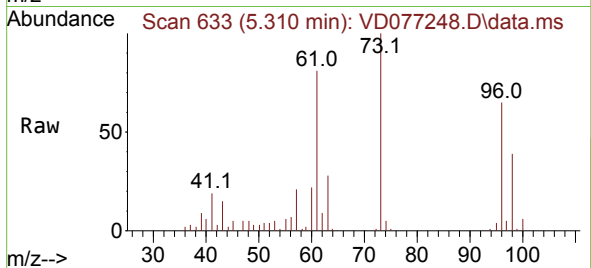
Lab File: VD077248.D

Acq: 29 Sep 2023 16:23

Instrument :

MSVOA_D

ClientSampleId :



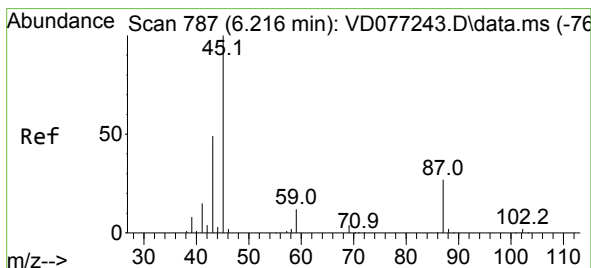
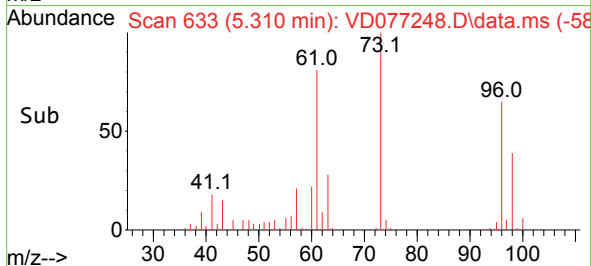
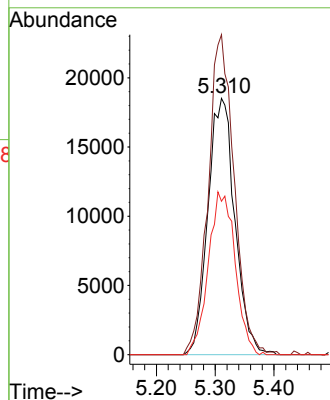
Tgt Ion: 96 Resp: 58946

Ion Ratio Lower Upper

96 100

61 124.8 89.3 133.9

98 59.9 48.6 73.0



#22

Diisopropyl ether

Concen: 21.767 ug/l

RT: 6.210 min Scan# 786

Delta R.T. -0.006 min

Lab File: VD077248.D

Acq: 29 Sep 2023 16:23

Tgt Ion: 45 Resp: 146672

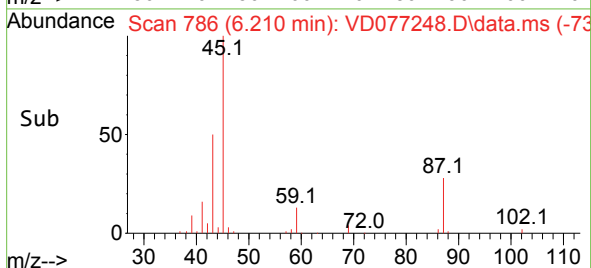
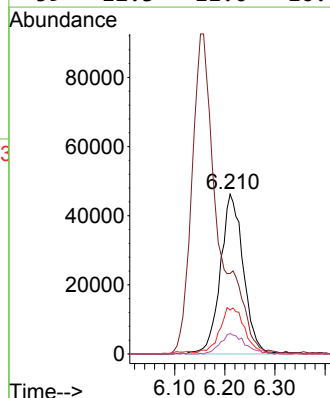
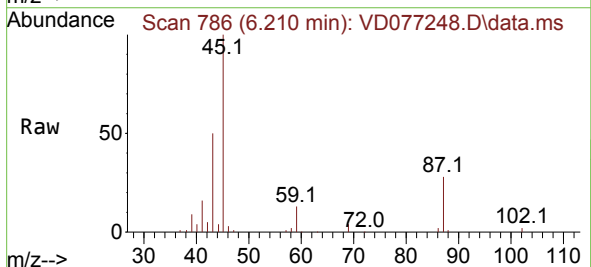
Ion Ratio Lower Upper

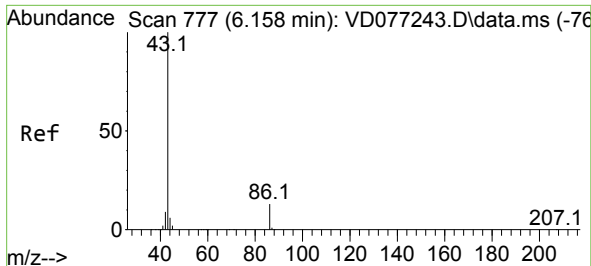
45 100

43 49.7 40.0 60.0

87 27.5 28.2 42.4#

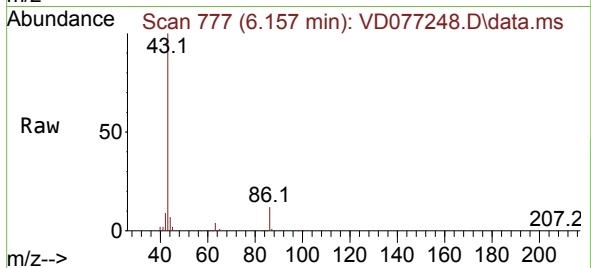
59 12.3 11.0 16.4



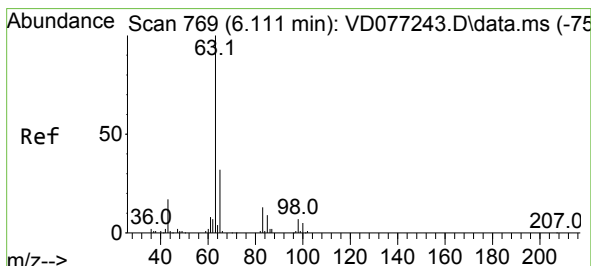
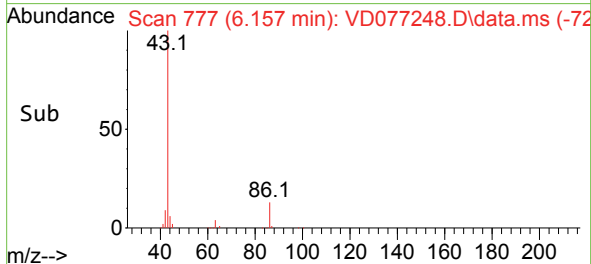
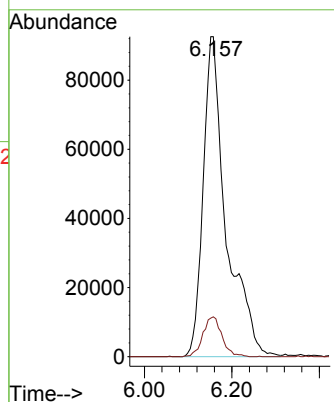


#23
 Vinyl Acetate
 Concen: 125.836 ug/l
 RT: 6.157 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VD077248.D
 Acq: 29 Sep 2023 16:23

Instrument :
 MSVOA_D
 ClientSampleId :

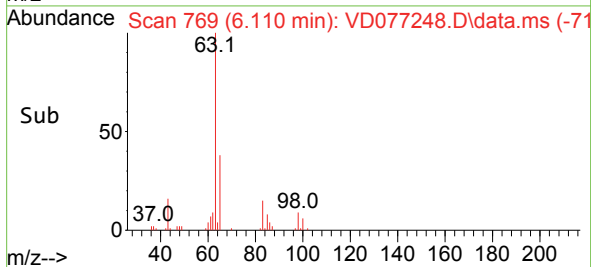
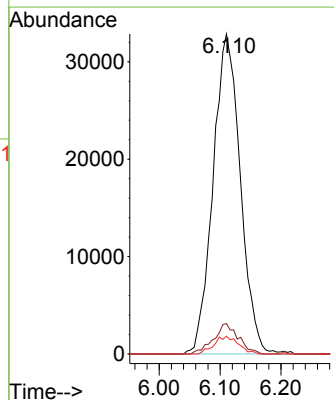
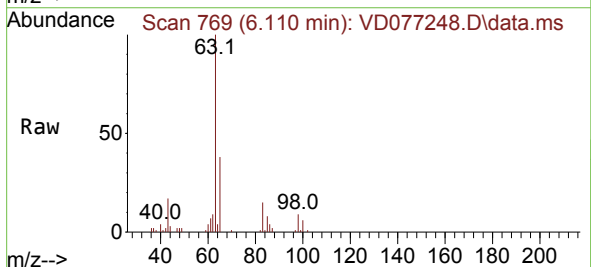


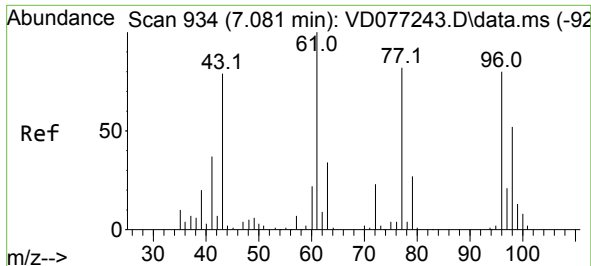
Tgt Ion: 43 Resp: 338985
 Ion Ratio Lower Upper
 43 100
 86 12.5 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 21.128 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VD077248.D
 Acq: 29 Sep 2023 16:23

Tgt Ion: 63 Resp: 102182
 Ion Ratio Lower Upper
 63 100
 98 9.5 4.5 13.7
 100 5.6 2.5 7.5

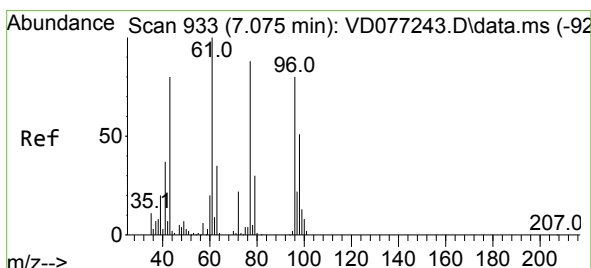
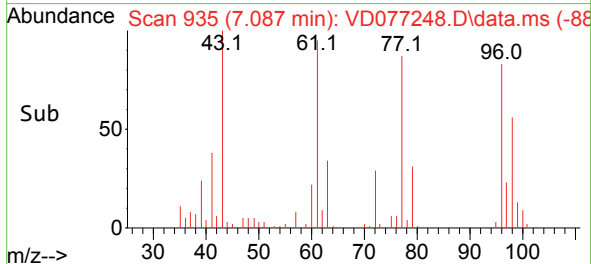
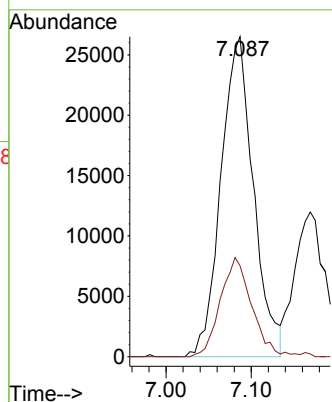
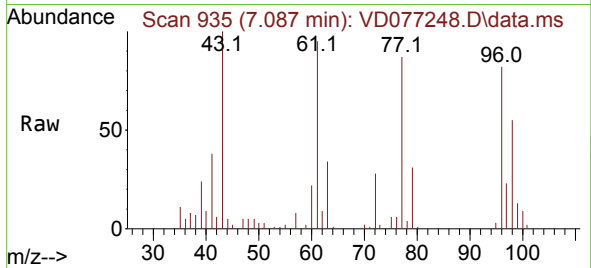




#25
2-Butanone
Concen: 110.260 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD077248.D
Acq: 29 Sep 2023 16:23

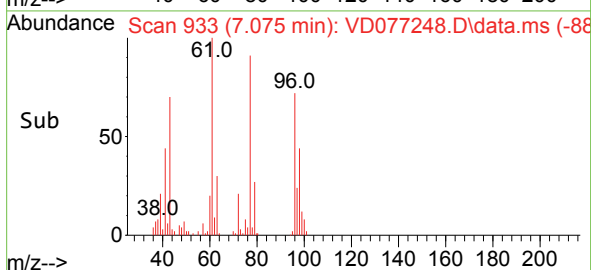
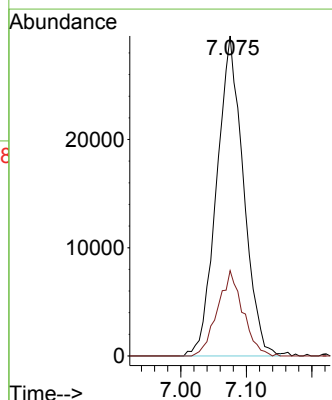
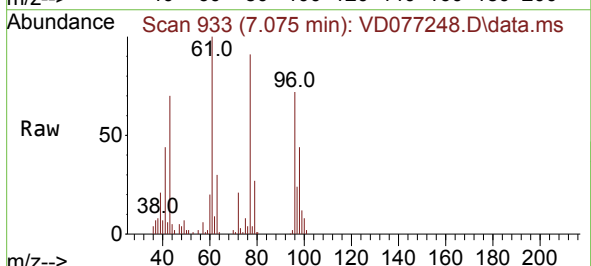
Instrument :
MSVOA_D
ClientSampleId :

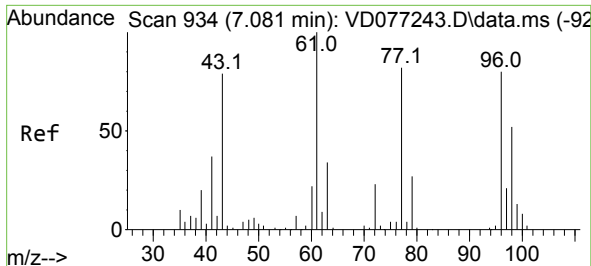
Tgt Ion: 43 Resp: 70260
Ion Ratio Lower Upper
43 100
72 28.4 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 20.384 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD077248.D
Acq: 29 Sep 2023 16:23

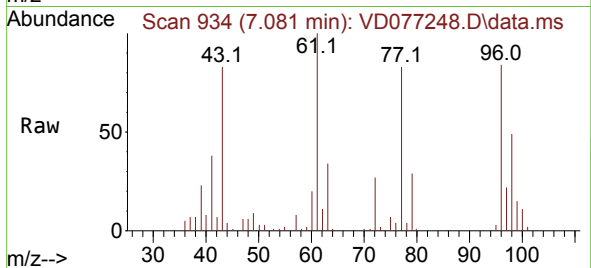
Tgt Ion: 77 Resp: 83681
Ion Ratio Lower Upper
77 100
97 25.4 13.2 39.6





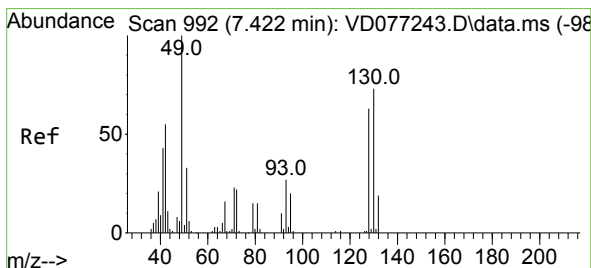
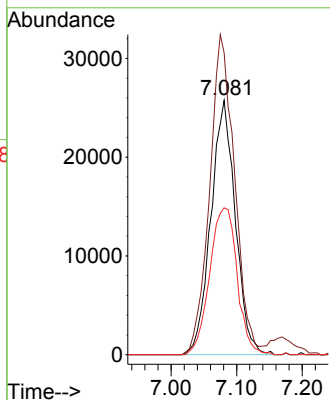
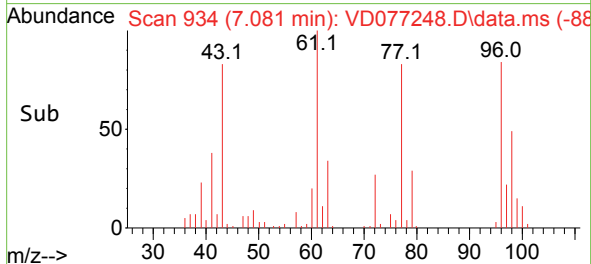
#27
 cis-1,2-Dichloroethene
 Concen: 20.116 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VD077248.D
 Acq: 29 Sep 2023 16:23

Instrument :
 MSVOA_D
 ClientSampleId :

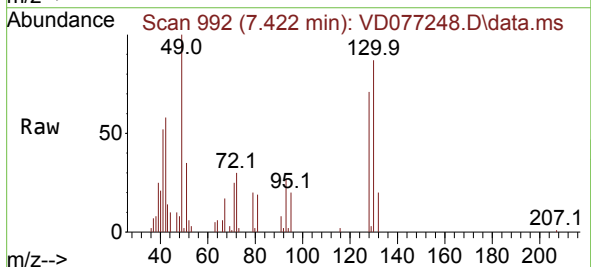


Tgt Ion: 96 Resp: 66777

Ion	Ratio	Lower	Upper
96	100		
61	127.8	0.0	239.2
98	64.7	0.0	128.6

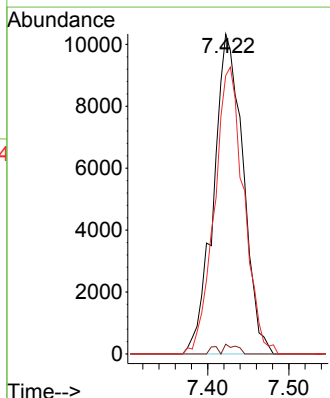
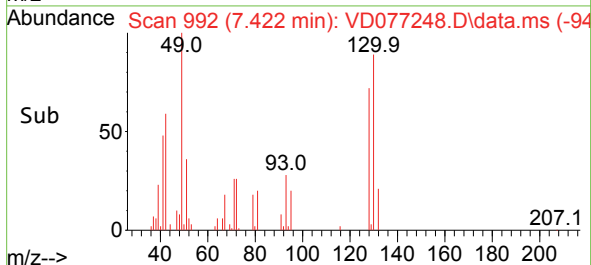


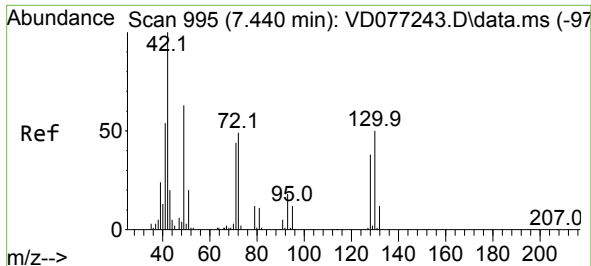
#28
 Bromochloromethane
 Concen: 17.636 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. -0.006 min
 Lab File: VD077248.D
 Acq: 29 Sep 2023 16:23



Tgt Ion: 49 Resp: 26191

Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	6.0
130	88.9	83.2	124.8





#29

Tetrahydrofuran

Concen: 107.841 ug/l

RT: 7.446 min Scan# 995

Delta R.T. 0.006 min

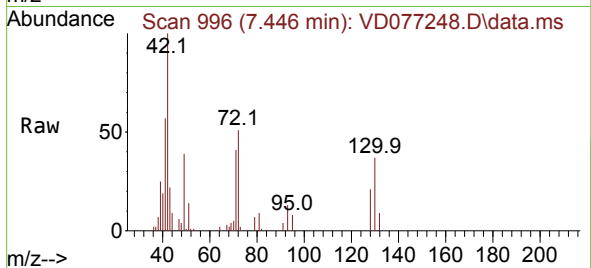
Lab File: VD077248.D

Acq: 29 Sep 2023 16:23

Instrument :

MSVOA_D

ClientSampleId :



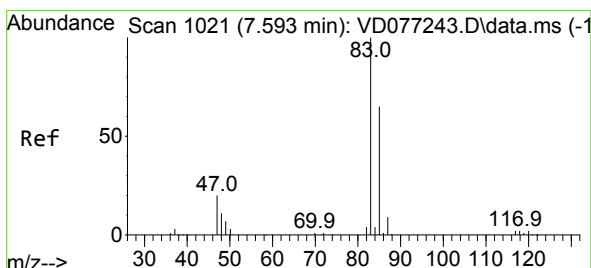
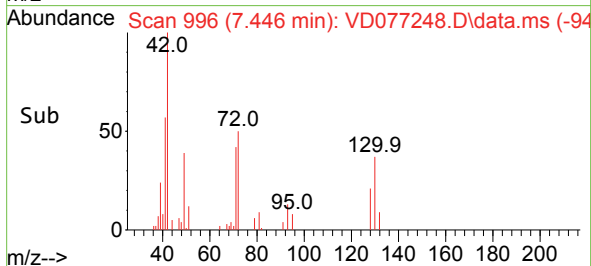
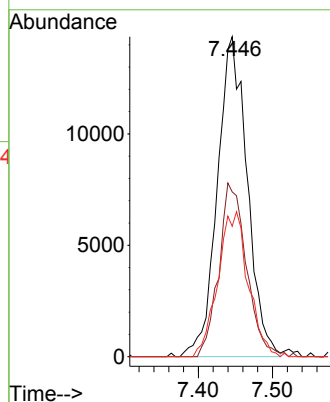
Tgt Ion: 42 Resp: 40172

Ion Ratio Lower Upper

42 100

72 50.4 46.5 69.7

71 46.1 44.5 66.7



#30

Chloroform

Concen: 20.866 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. 0.000 min

Lab File: VD077248.D

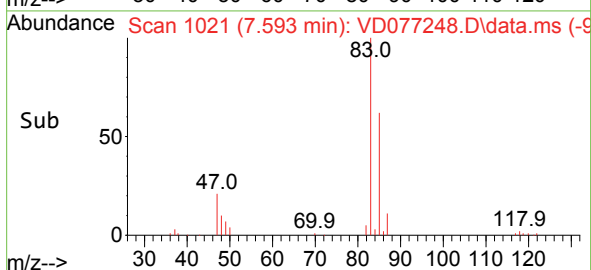
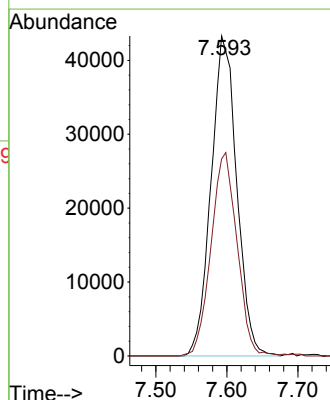
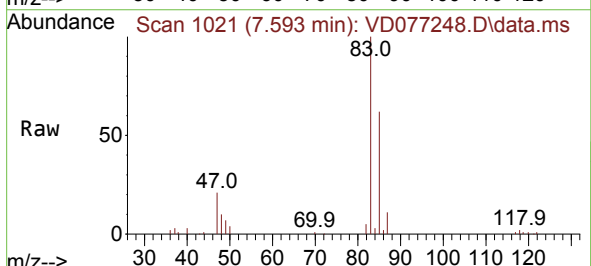
Acq: 29 Sep 2023 16:23

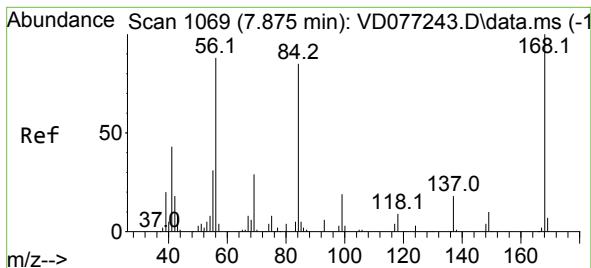
Tgt Ion: 83 Resp: 108757

Ion Ratio Lower Upper

83 100

85 61.6 53.4 80.2





#31

Cyclohexane

Concen: 20.753 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

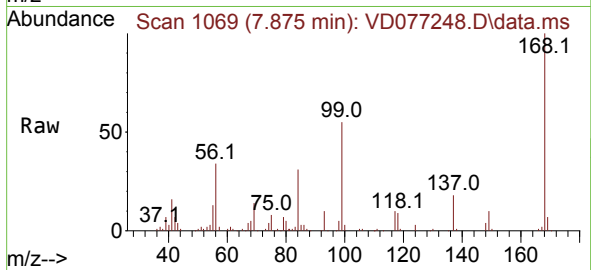
Lab File: VD077248.D

Acq: 29 Sep 2023 16:23

Instrument :

MSVOA_D

ClientSampleId :



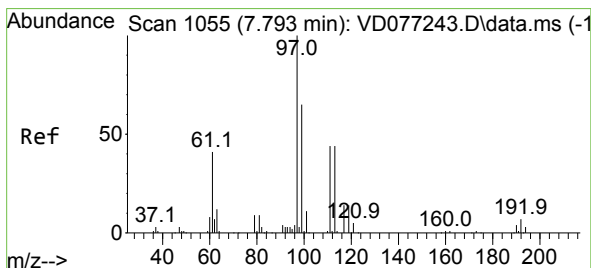
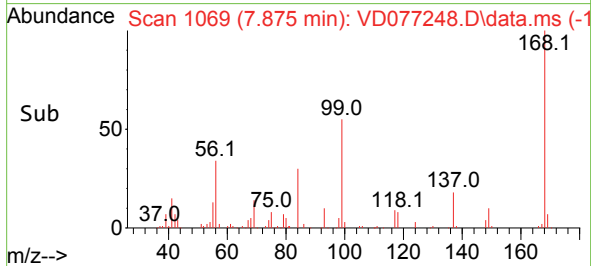
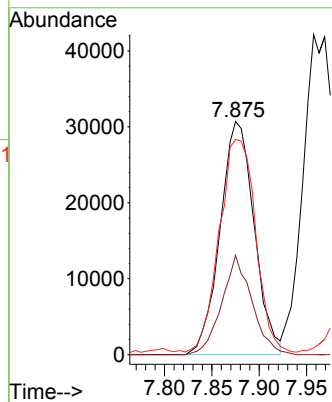
Tgt Ion: 56 Resp: 76943

Ion Ratio Lower Upper

56 100

69 42.6 28.6 43.0

84 90.5 84.8 127.2



#32

1,1,1-Trichloroethane

Concen: 20.233 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VD077248.D

Acq: 29 Sep 2023 16:23

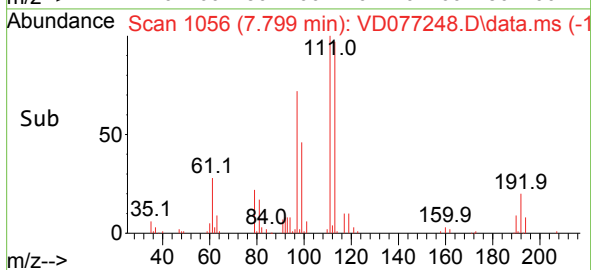
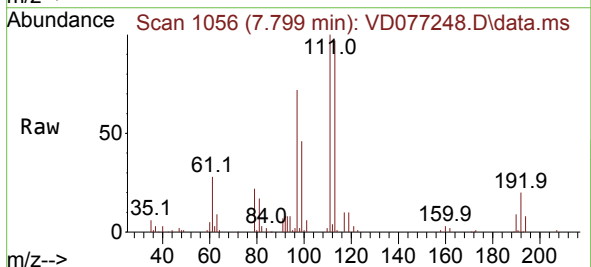
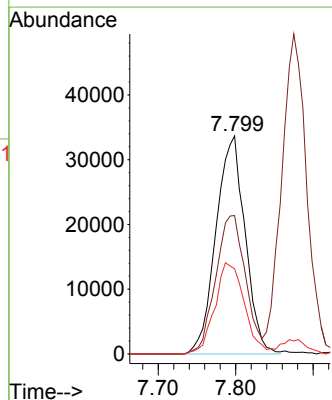
Tgt Ion: 97 Resp: 88029

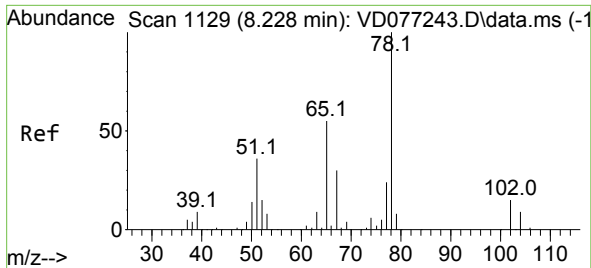
Ion Ratio Lower Upper

97 100

99 65.1 52.0 78.0

61 42.7 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 51.395 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD077248.D

Acq: 29 Sep 2023 16:23

Instrument :

MSVOA_D

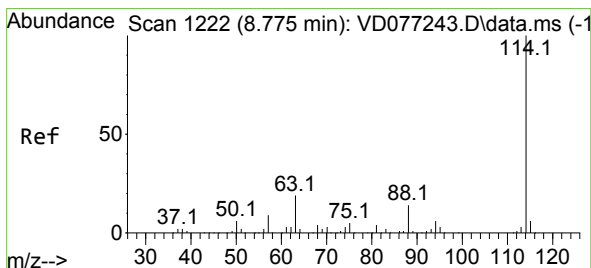
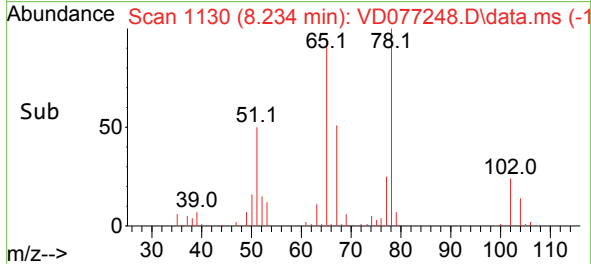
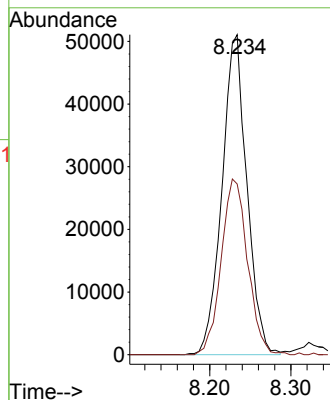
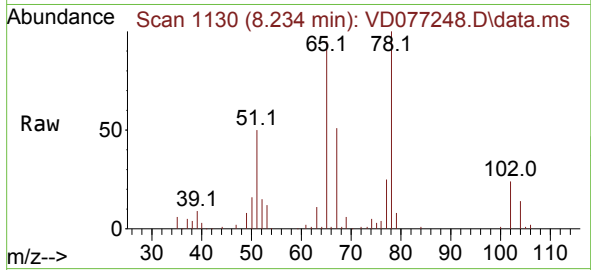
ClientSampleId :

Tgt Ion: 65 Resp: 108918

Ion Ratio Lower Upper

65 100

67 58.2 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: VD077248.D

Acq: 29 Sep 2023 16:23

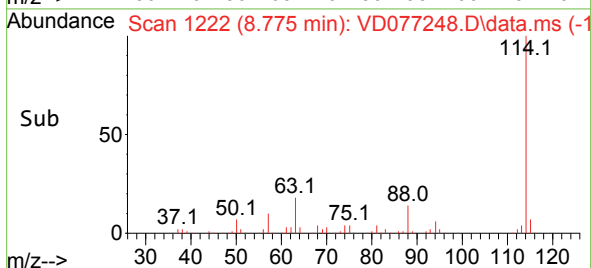
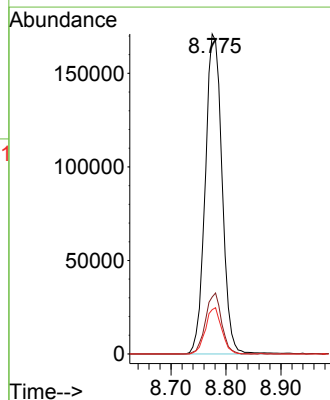
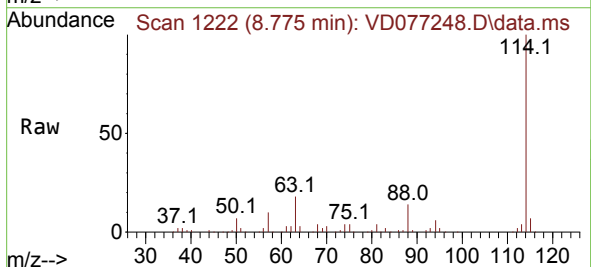
Tgt Ion: 114 Resp: 363064

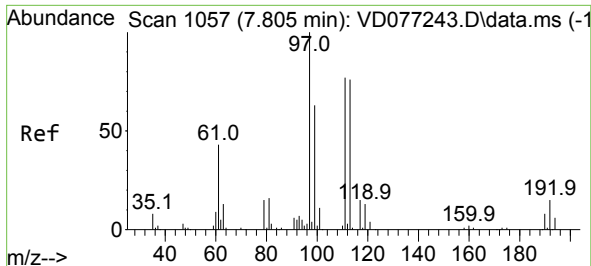
Ion Ratio Lower Upper

114 100

63 17.8 0.0 33.4

88 13.9 0.0 26.2





#35

Dibromofluoromethane

Concen: 47.863 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.000 min

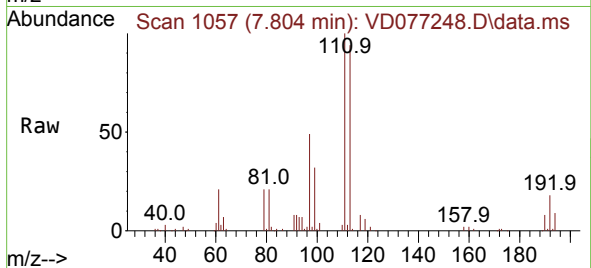
Lab File: VD077248.D

Acq: 29 Sep 2023 16:23

Instrument :

MSVOA_D

ClientSampleId :



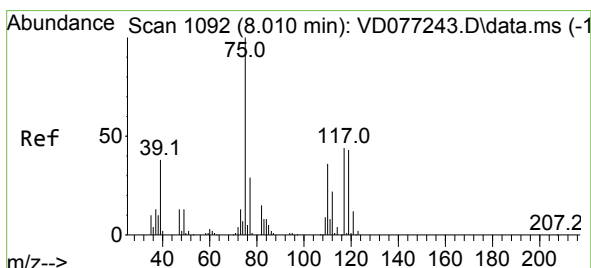
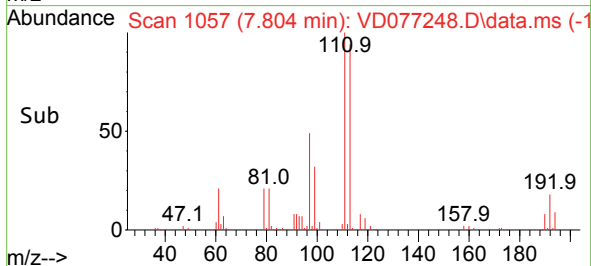
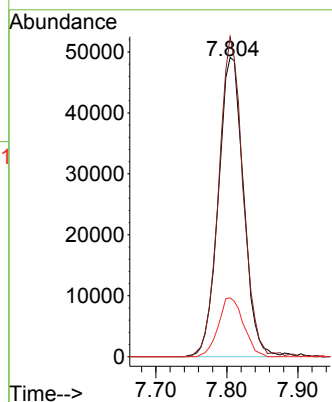
Tgt Ion:113 Resp: 120701

Ion Ratio Lower Upper

113 100

111 103.2 84.7 127.1

192 19.6 16.8 25.2



#36

1,1-Dichloropropene

Concen: 20.249 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VD077248.D

Acq: 29 Sep 2023 16:23

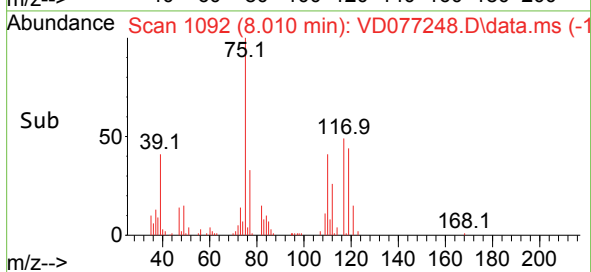
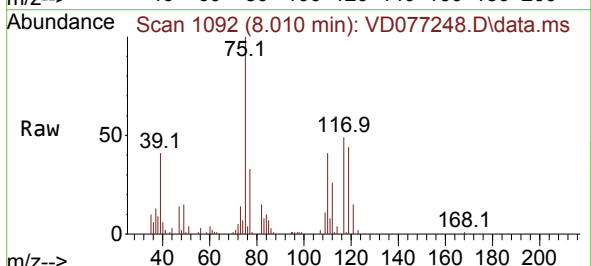
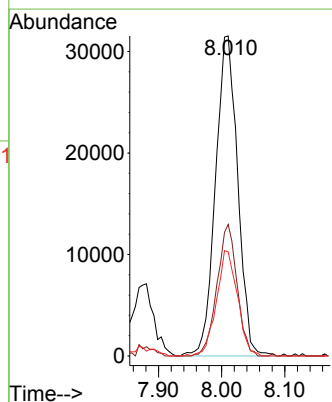
Tgt Ion: 75 Resp: 76904

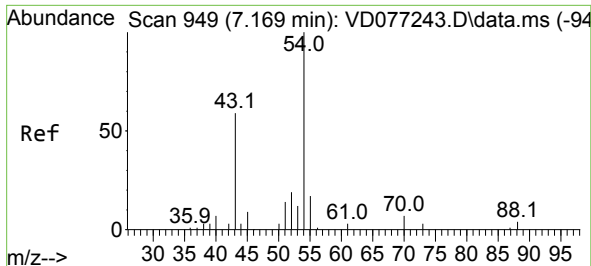
Ion Ratio Lower Upper

75 100

110 37.2 19.9 59.6

77 31.2 24.7 37.1





#37

Ethyl Acetate

Concen: 22.011 ug/l

RT: 7.169 min Scan# 949

Delta R.T. 0.000 min

Lab File: VD077248.D

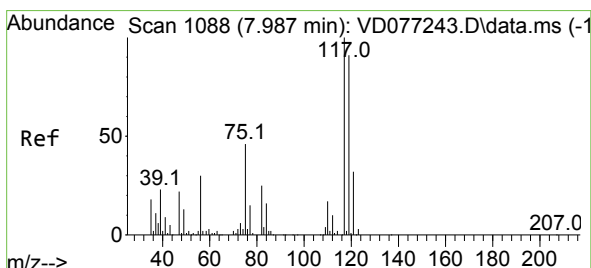
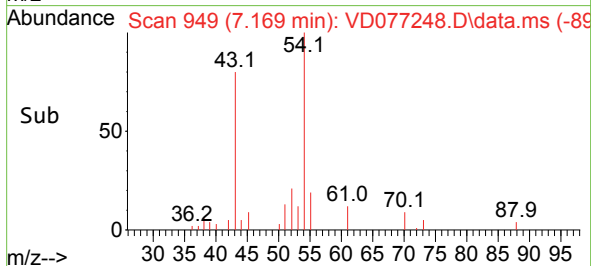
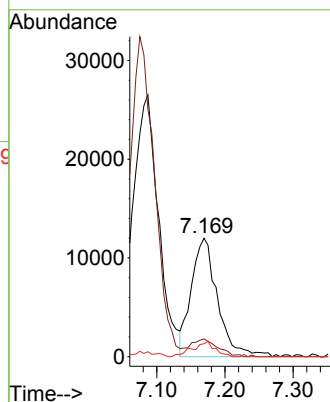
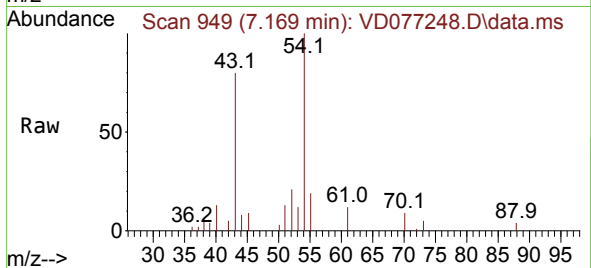
Acq: 29 Sep 2023 16:23

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 43	Resp:	32072
Ion	Ratio	Lower Upper
43	100	
61	15.1	14.9 22.3
70	10.8	10.0 15.0



#38

Carbon Tetrachloride

Concen: 19.262 ug/l

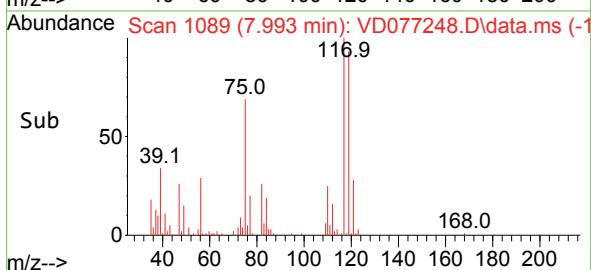
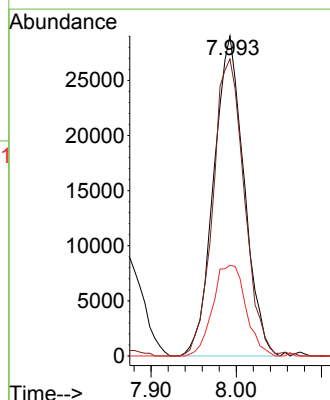
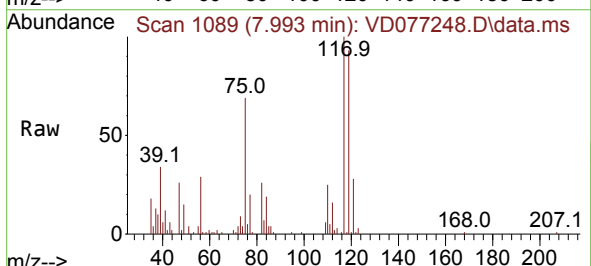
RT: 7.993 min Scan# 1089

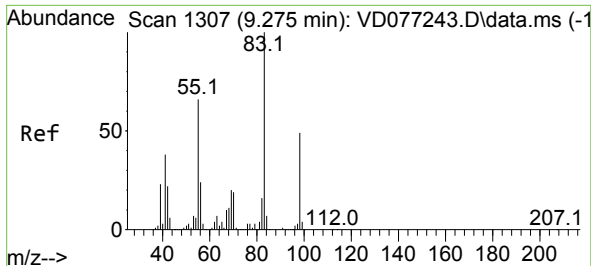
Delta R.T. 0.000 min

Lab File: VD077248.D

Acq: 29 Sep 2023 16:23

Tgt Ion: 117	Resp:	71901
Ion	Ratio	Lower Upper
117	100	
119	92.8	78.0 117.0
121	28.4	24.2 36.2





#39

Methylcyclohexane

Concen: 19.141 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

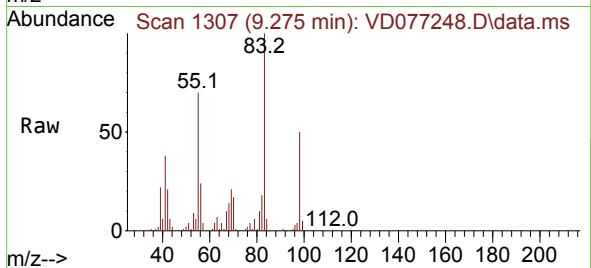
Lab File: VD077248.D

Acq: 29 Sep 2023 16:23

Instrument :

MSVOA_D

ClientSampleId :



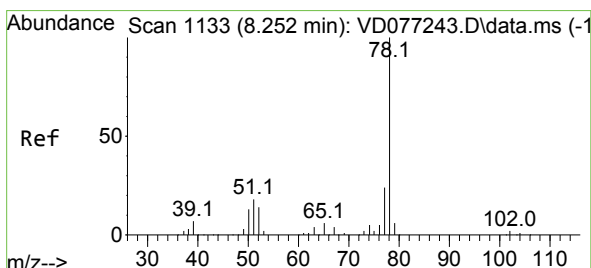
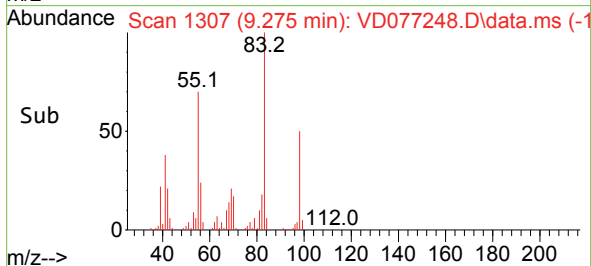
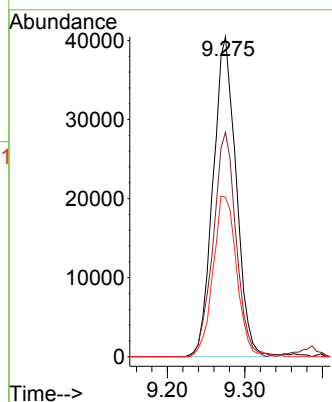
Tgt Ion: 83 Resp: 83643

Ion Ratio Lower Upper

83 100

55 70.1 49.4 74.0

98 49.8 38.4 57.6



#40

Benzene

Concen: 20.323 ug/l

RT: 8.246 min Scan# 1132

Delta R.T. -0.006 min

Lab File: VD077248.D

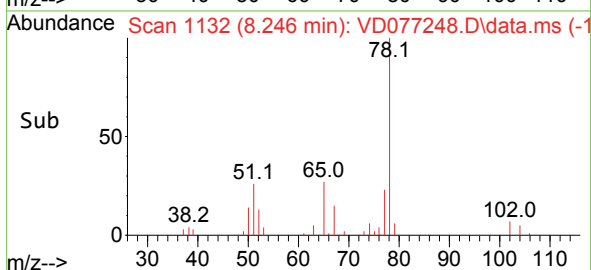
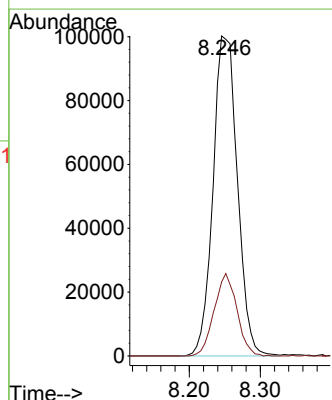
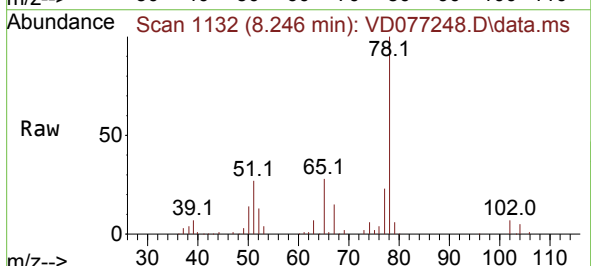
Acq: 29 Sep 2023 16:23

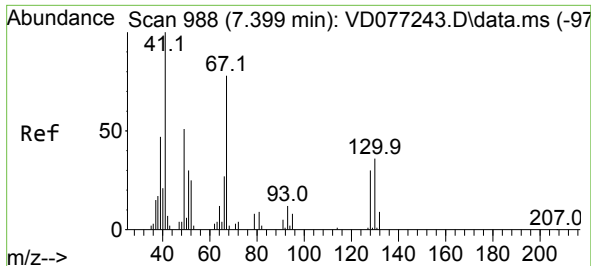
Tgt Ion: 78 Resp: 238802

Ion Ratio Lower Upper

78 100

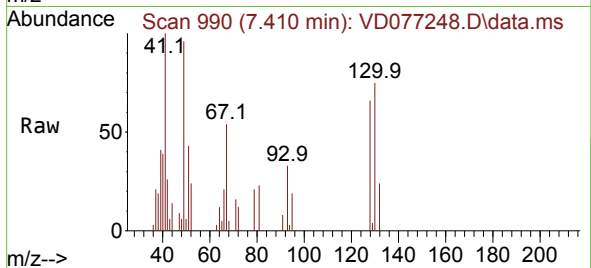
77 23.1 19.4 29.0



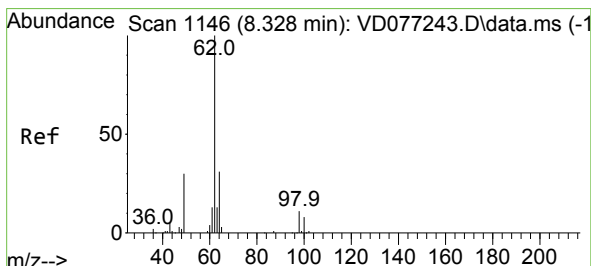
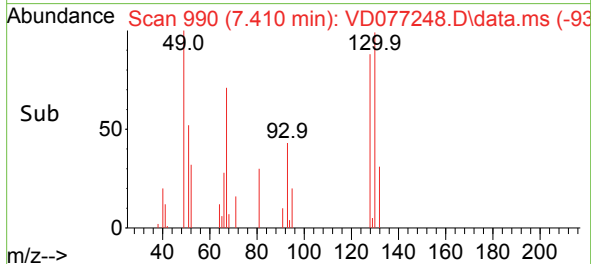
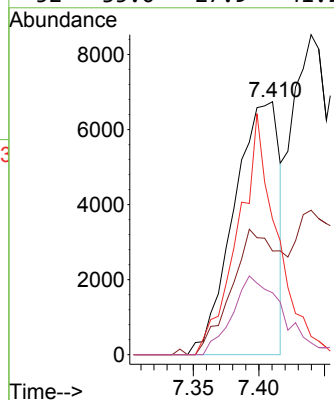


#41
Methacrylonitrile
Concen: 20.902 ug/l
RT: 7.410 min Scan# 91
Delta R.T. 0.012 min
Lab File: VD077248.D
Acq: 29 Sep 2023 16:23

Instrument :
MSVOA_D
ClientSampleId :

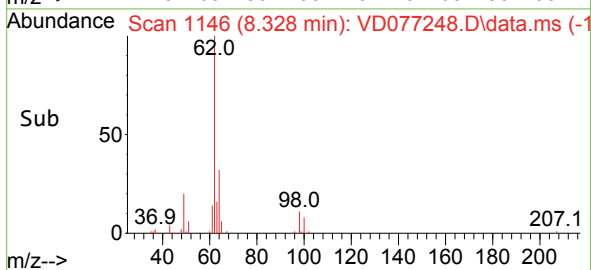
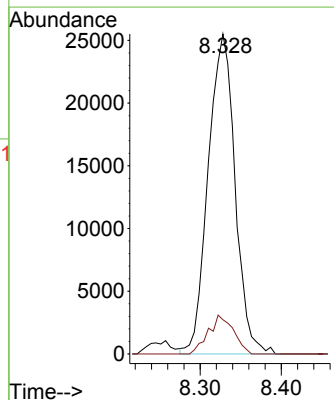
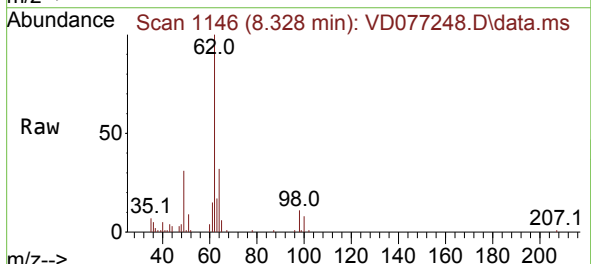


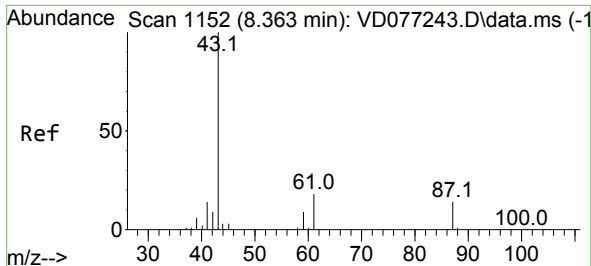
Tgt Ion:	41	Resp:	16256
Ion	Ratio	Lower	Upper
41	100		
39	55.1	34.0	51.0#
67	82.1	77.0	115.4
52	35.0	27.9	41.9



#42
1,2-Dichloroethane
Concen: 20.161 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VD077248.D
Acq: 29 Sep 2023 16:23

Tgt Ion:	62	Resp:	58734
Ion	Ratio	Lower	Upper
62	100		
98	11.3	0.0	25.4

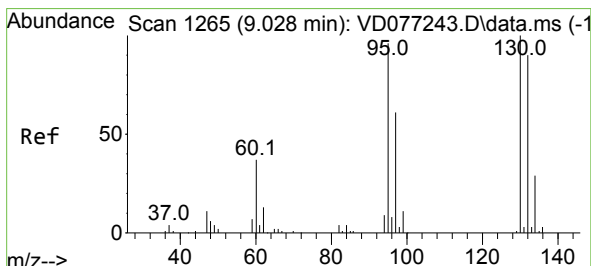
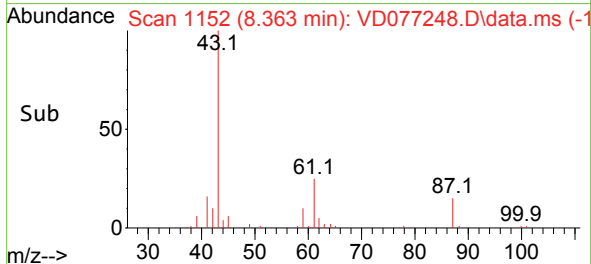
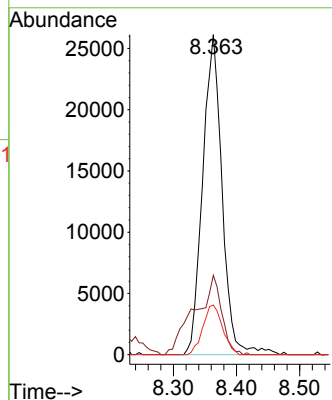
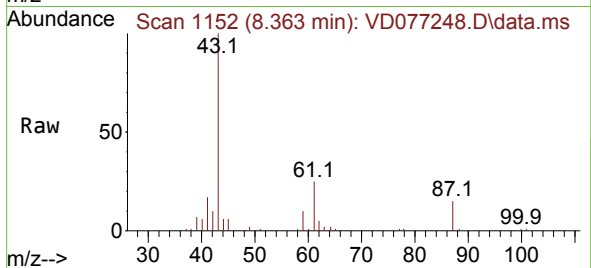




#43
Isopropyl Acetate
Concen: 20.810 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.006 min
Lab File: VD077248.D
Acq: 29 Sep 2023 16:23

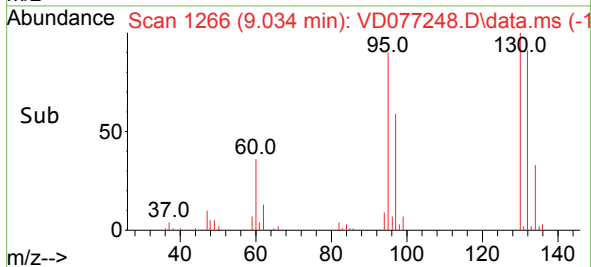
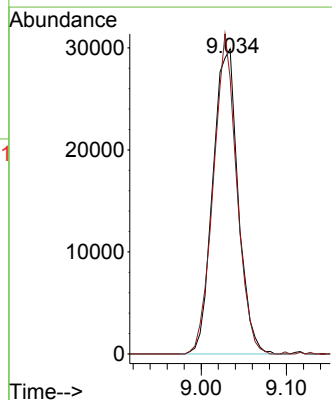
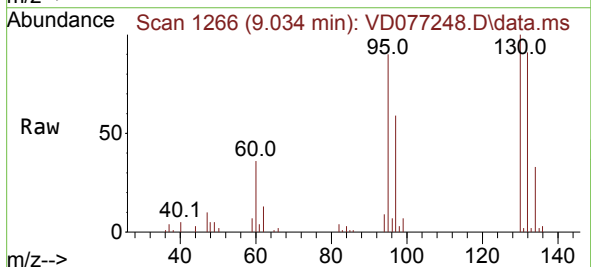
Instrument :
MSVOA_D
ClientSampleId :

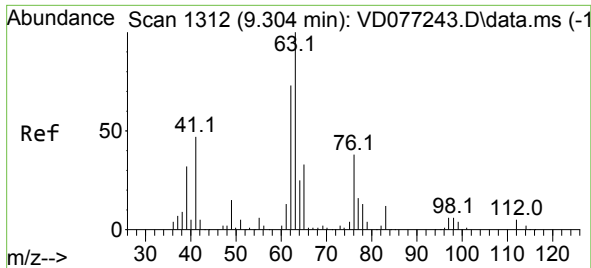
Tgt Ion	Ratio	Lower	Upper
43	100		
61	34.3	31.4	47.0
87	15.8	14.9	22.3



#44
Trichloroethene
Concen: 18.947 ug/l
RT: 9.034 min Scan# 1266
Delta R.T. 0.006 min
Lab File: VD077248.D
Acq: 29 Sep 2023 16:23

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.4	0.0	179.2





#45

1,2-Dichloropropane

Concen: 20.956 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD077248.D

Acq: 29 Sep 2023 16:23

Instrument :

MSVOA_D

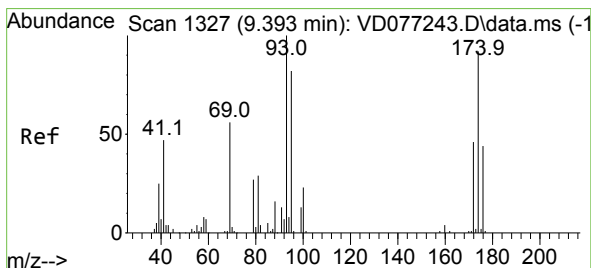
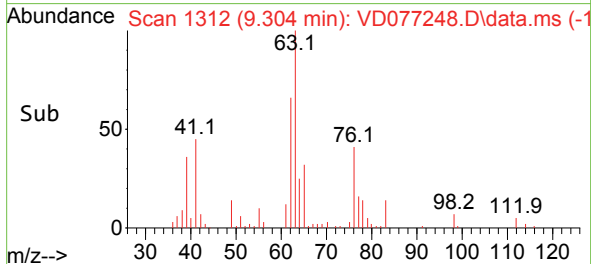
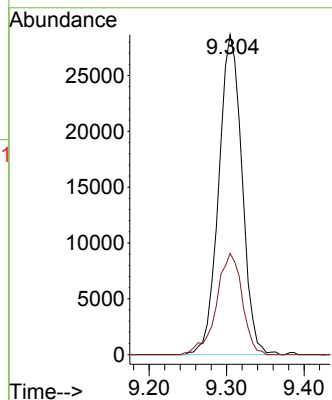
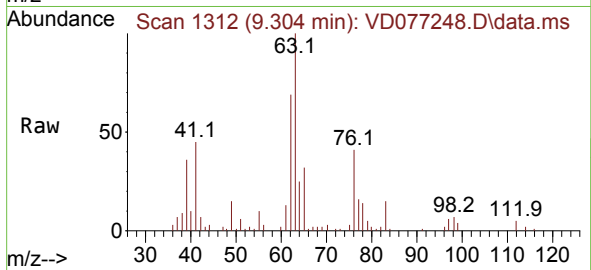
ClientSampleId :

Tgt Ion: 63 Resp: 59808

Ion Ratio Lower Upper

63 100

65 31.6 24.5 36.7



#46

Dibromomethane

Concen: 19.416 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD077248.D

Acq: 29 Sep 2023 16:23

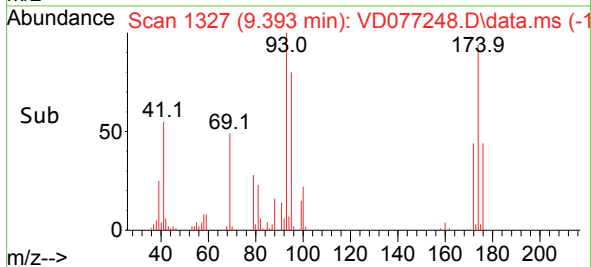
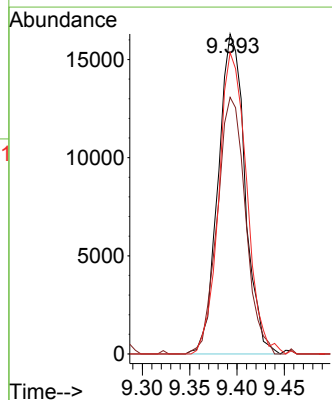
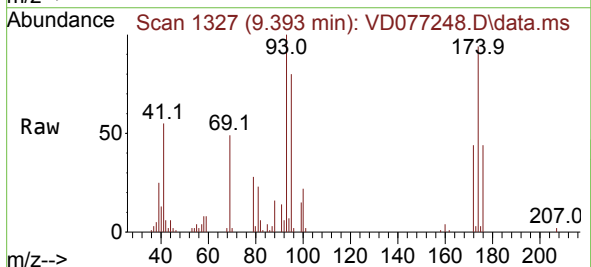
Tgt Ion: 93 Resp: 32201

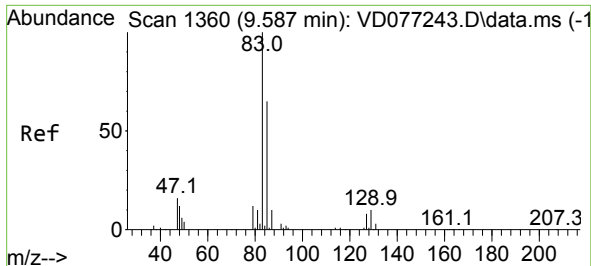
Ion Ratio Lower Upper

93 100

95 83.9 67.7 101.5

174 97.5 85.4 128.2

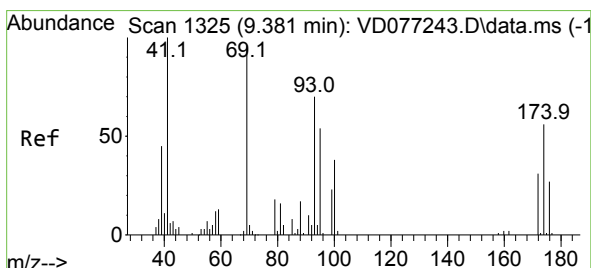
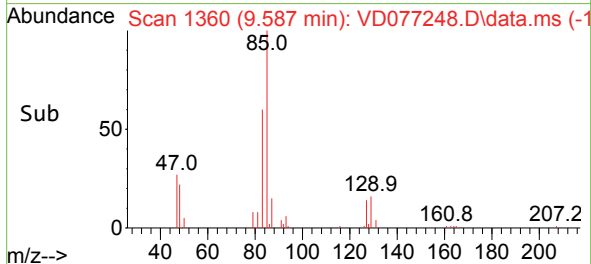
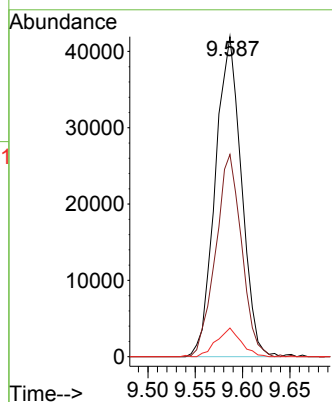
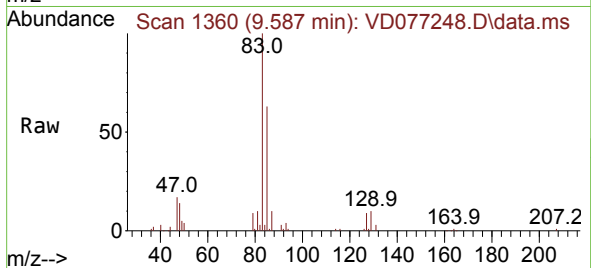




#47
Bromodichloromethane
Concen: 20.044 ug/l
RT: 9.587 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077248.D
Acq: 29 Sep 2023 16:23

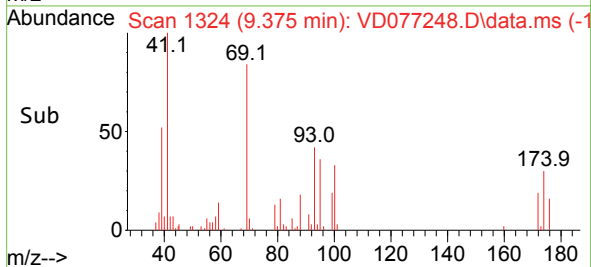
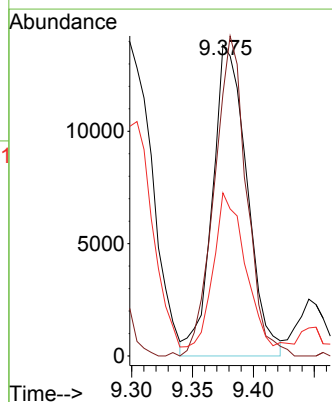
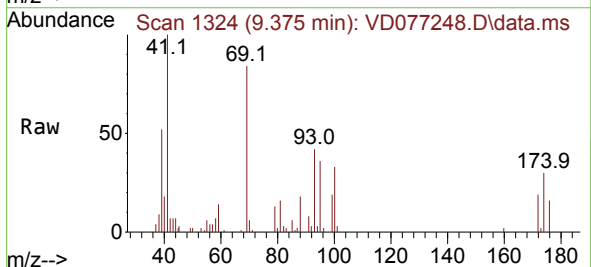
Instrument :
MSVOA_D
ClientSampleId :

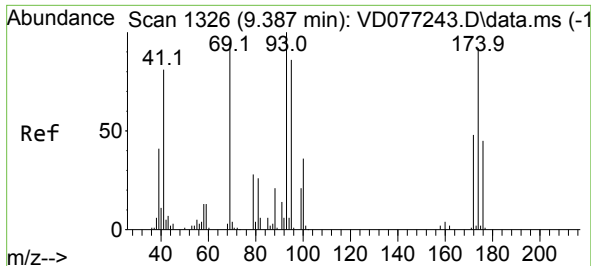
Tgt Ion: 83 Resp: 80333
Ion Ratio Lower Upper
83 100
85 63.2 50.2 75.4
127 8.9 6.3 9.5



#48
Methyl methacrylate
Concen: 22.408 ug/l
RT: 9.375 min Scan# 1324
Delta R.T. -0.006 min
Lab File: VD077248.D
Acq: 29 Sep 2023 16:23

Tgt Ion: 41 Resp: 27317
Ion Ratio Lower Upper
41 100
69 95.9 102.2 153.2#
39 51.9 41.4 62.2





#49

1,4-Dioxane

Concen: 386.039 ug/l

RT: 9.393 min Scan# 1

Delta R.T. 0.012 min

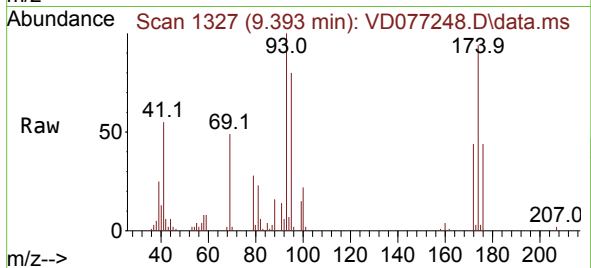
Lab File: VD077248.D

Acq: 29 Sep 2023 16:23

Instrument :

MSVOA_D

ClientSampleId :



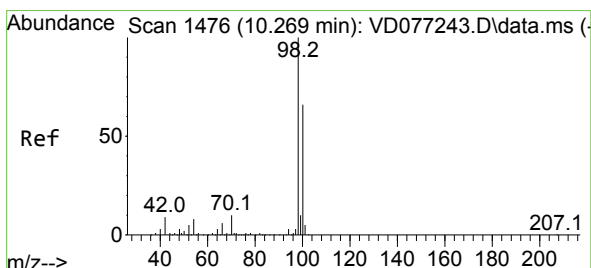
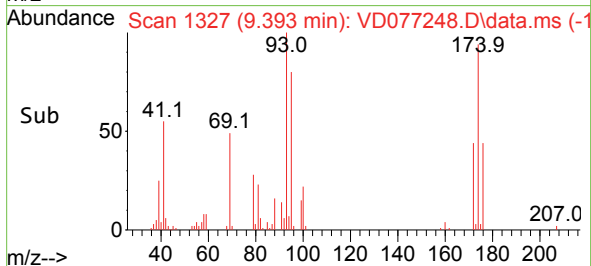
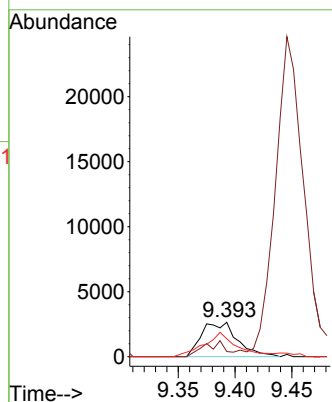
Tgt Ion: 88 Resp: 5779

Ion Ratio Lower Upper

88 100

43 27.7 19.0 28.6

58 64.9 43.5 65.3



#50

Toluene-d8

Concen: 52.435 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD077248.D

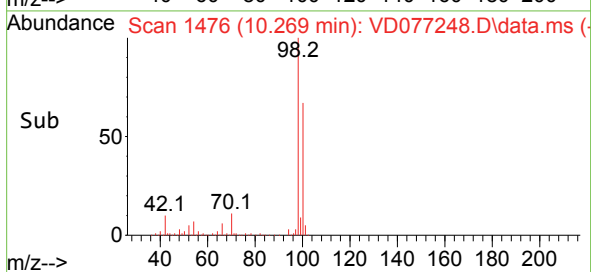
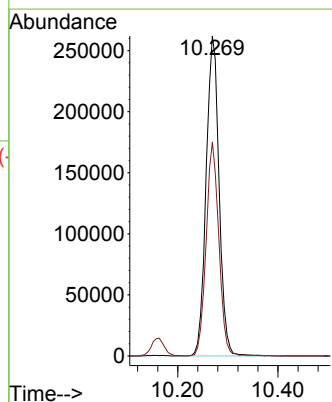
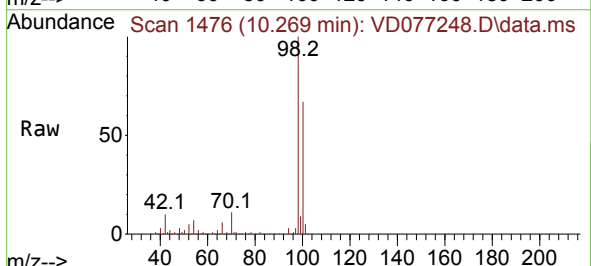
Acq: 29 Sep 2023 16:23

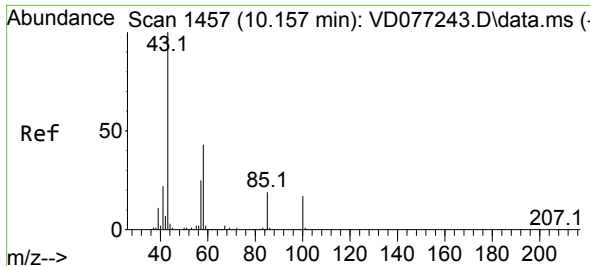
Tgt Ion: 98 Resp: 470664

Ion Ratio Lower Upper

98 100

100 65.5 50.3 75.5

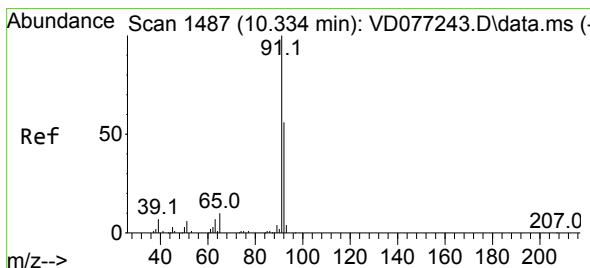
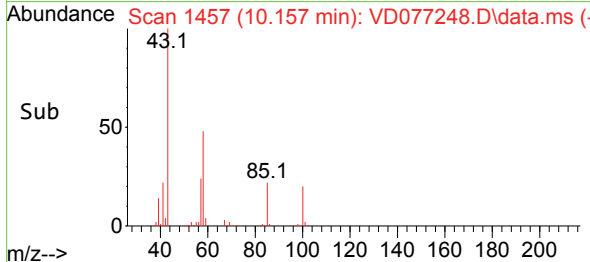
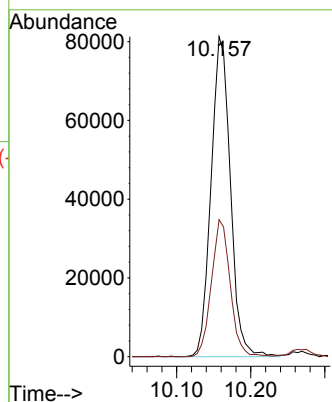
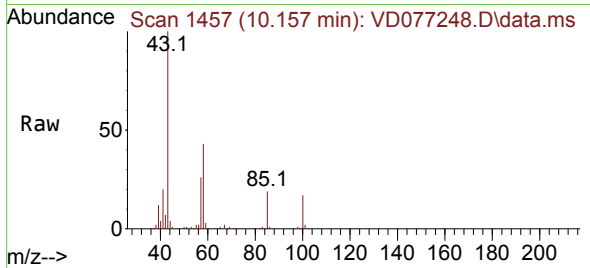




#51
4-Methyl-2-Pentanone
Concen: 105.005 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077248.D
Acq: 29 Sep 2023 16:23

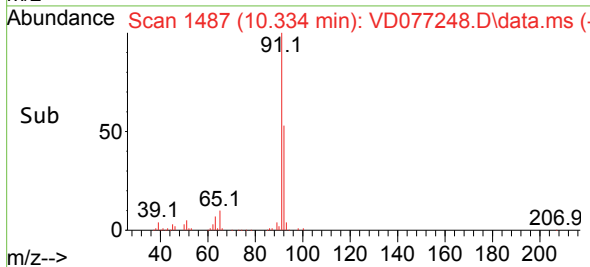
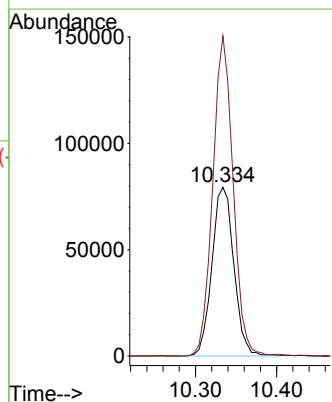
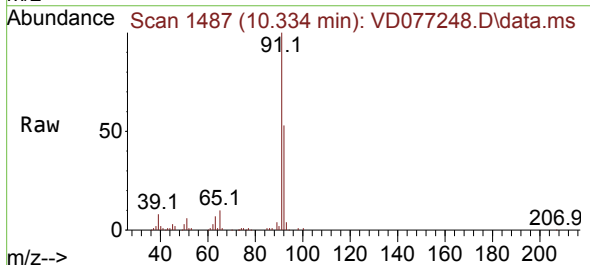
Instrument :
MSVOA_D
ClientSampleId :

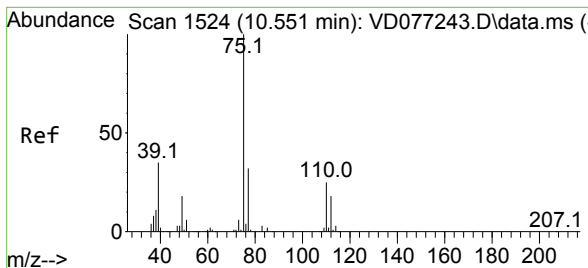
Tgt Ion: 43 Resp: 147331
Ion Ratio Lower Upper
43 100
58 41.6 38.9 58.3



#52
Toluene
Concen: 19.763 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD077248.D
Acq: 29 Sep 2023 16:23

Tgt Ion: 92 Resp: 148557
Ion Ratio Lower Upper
92 100
91 176.1 143.0 214.4

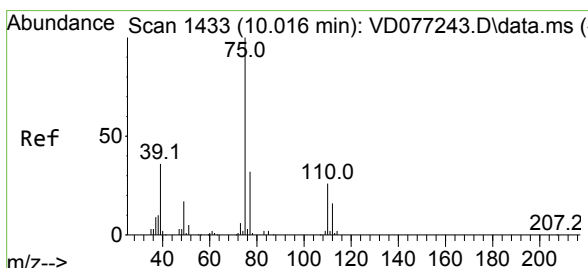
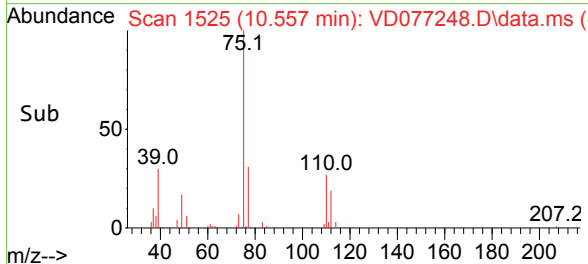
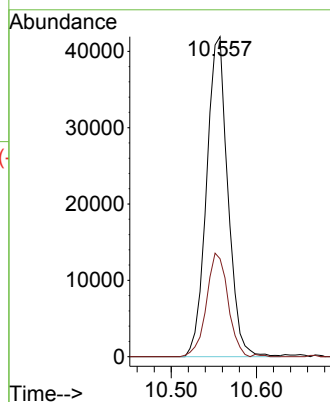
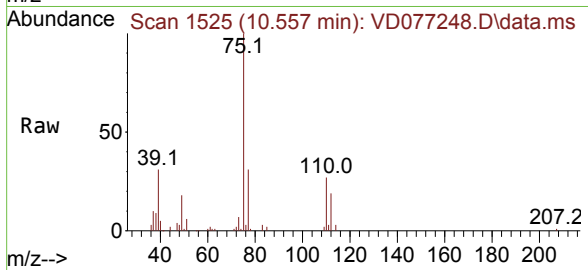




#53
 t-1,3-Dichloropropene
 Concen: 19.481 ug/l
 RT: 10.557 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VD077248.D
 Acq: 29 Sep 2023 16:23

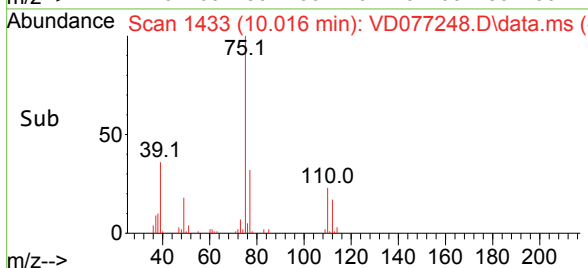
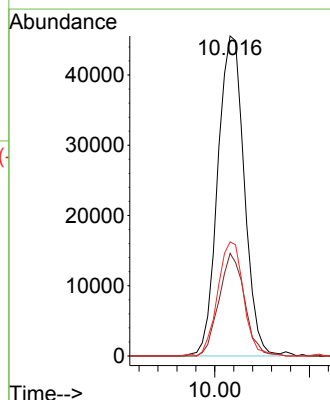
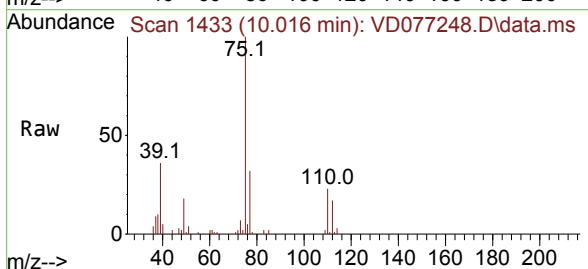
Instrument :
 MSVOA_D
 ClientSampleId :

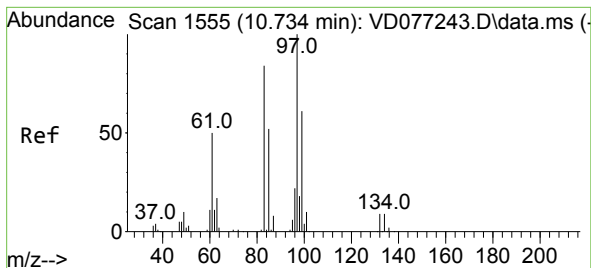
Tgt Ion: 75 Resp: 72940
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 19.690 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD077248.D
 Acq: 29 Sep 2023 16:23

Tgt Ion: 75 Resp: 88329
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.5 38.3
 39 35.7 22.1 33.1#





#55

1,1,2-Trichloroethane

Concen: 20.107 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

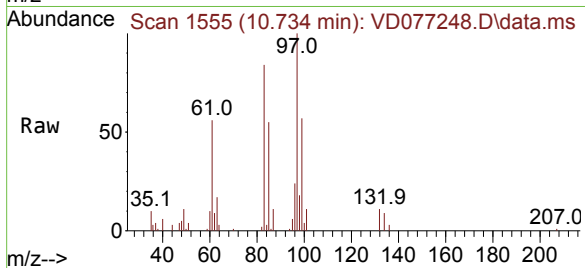
Lab File: VD077248.D

Acq: 29 Sep 2023 16:23

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 97 Resp: 45356

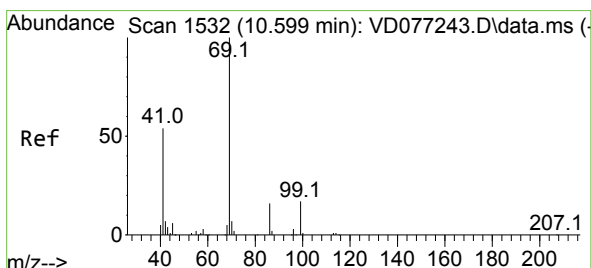
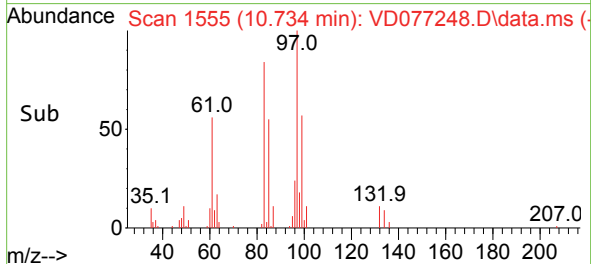
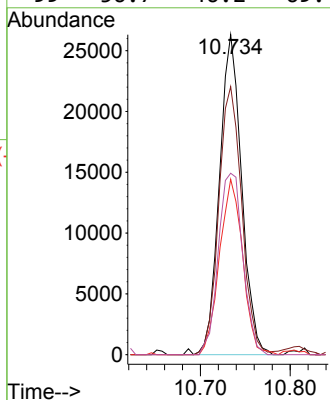
Ion Ratio Lower Upper

97 100

83 83.7 65.8 98.6

85 54.8 45.7 68.5

99 56.7 46.2 69.4



#56

Ethyl methacrylate

Concen: 20.117 ug/l

RT: 10.598 min Scan# 1532

Delta R.T. 0.000 min

Lab File: VD077248.D

Acq: 29 Sep 2023 16:23

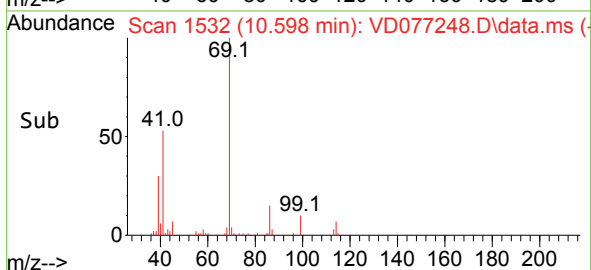
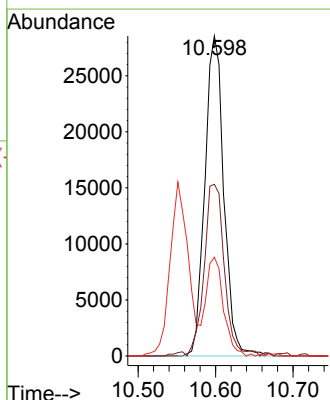
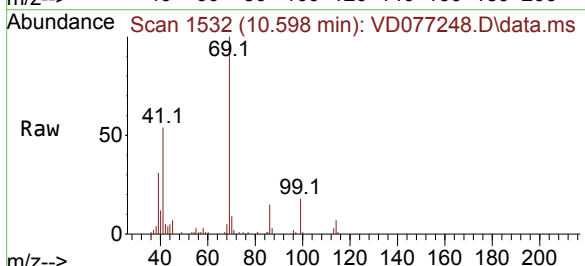
Tgt Ion: 69 Resp: 48750

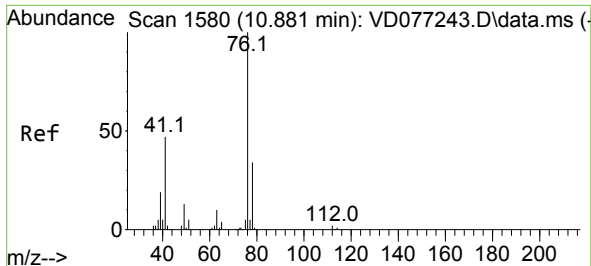
Ion Ratio Lower Upper

69 100

41 57.5 39.1 58.7

39 27.6 20.0 30.0





#57

1,3-Dichloropropane

Concen: 20.295 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD077248.D

Acq: 29 Sep 2023 16:23

Instrument :

MSVOA_D

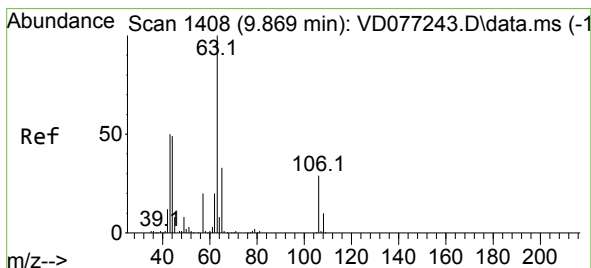
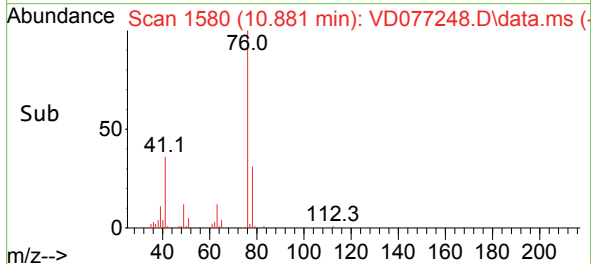
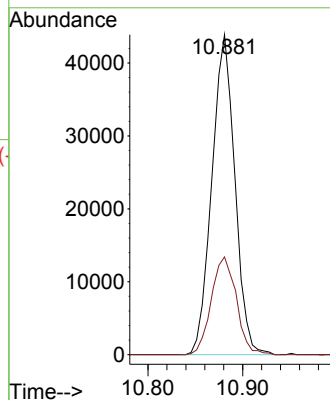
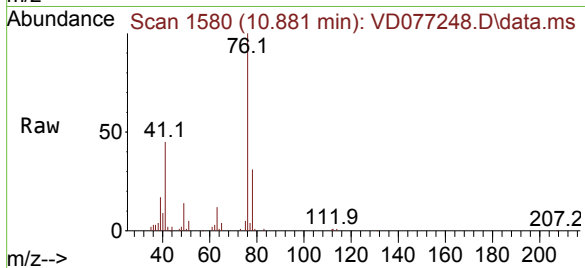
ClientSampleId :

Tgt Ion: 76 Resp: 74111

Ion Ratio Lower Upper

76 100

78 33.3 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 74.984 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD077248.D

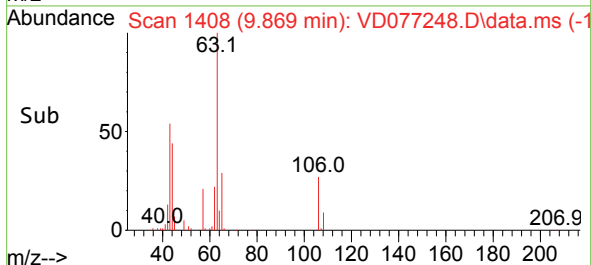
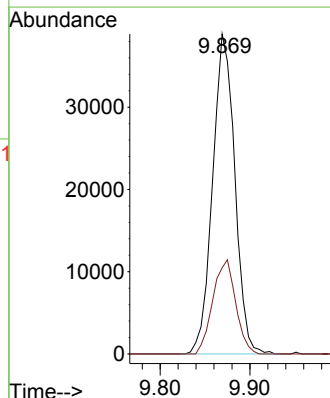
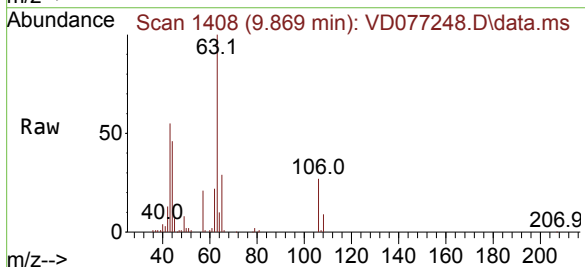
Acq: 29 Sep 2023 16:23

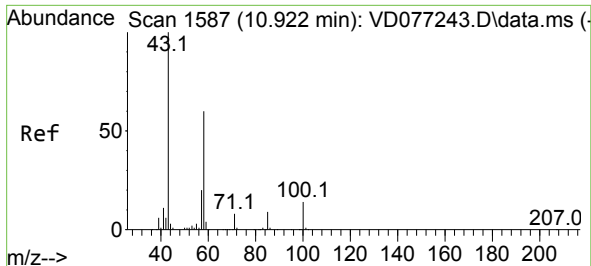
Tgt Ion: 63 Resp: 66835

Ion Ratio Lower Upper

63 100

106 30.2 25.3 37.9

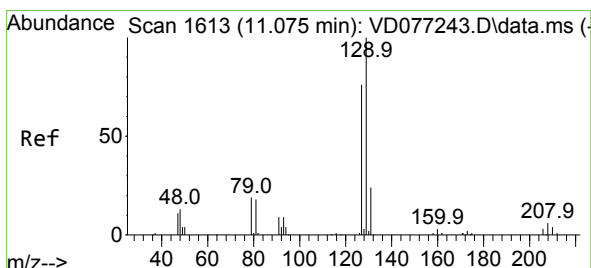
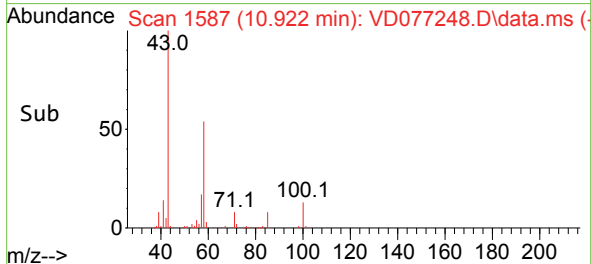
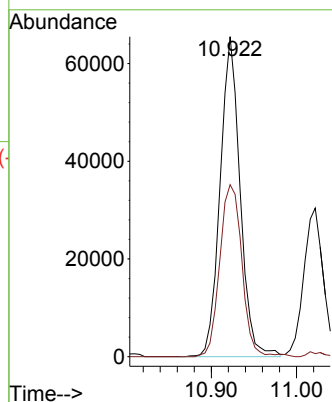
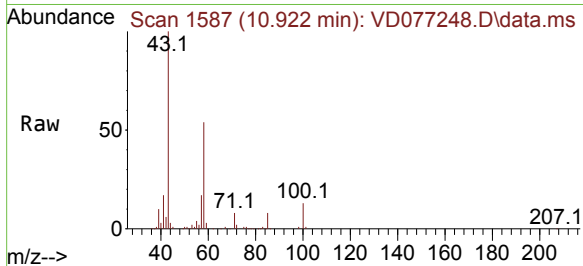




#59
2-Hexanone
Concen: 105.977 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD077248.D
Acq: 29 Sep 2023 16:23

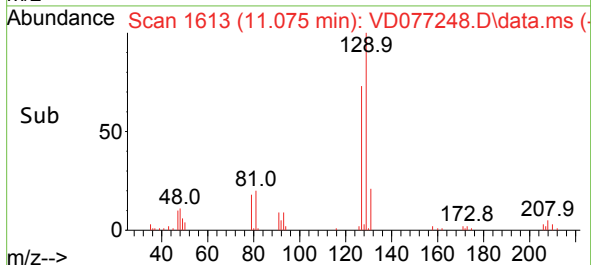
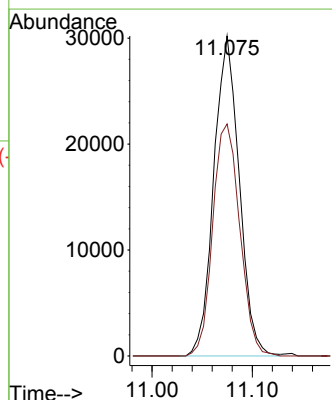
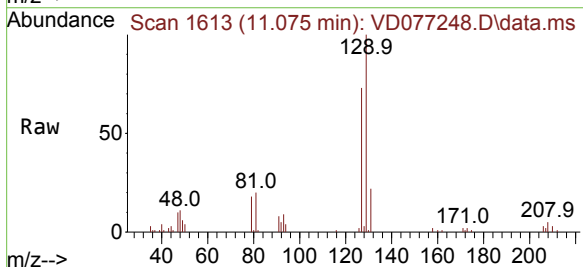
Instrument :
MSVOA_D
ClientSampleId :

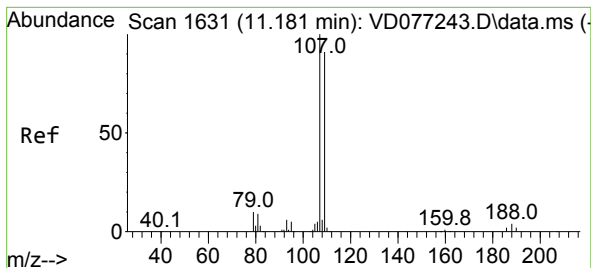
Tgt Ion: 43 Resp: 106688
Ion Ratio Lower Upper
43 100
58 59.6 34.1 102.2



#60
Dibromochloromethane
Concen: 19.270 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD077248.D
Acq: 29 Sep 2023 16:23

Tgt Ion:129 Resp: 53240
Ion Ratio Lower Upper
129 100
127 76.9 37.1 111.5

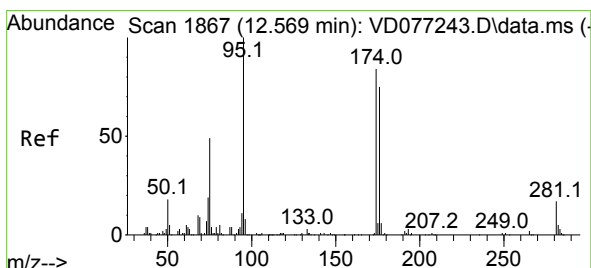
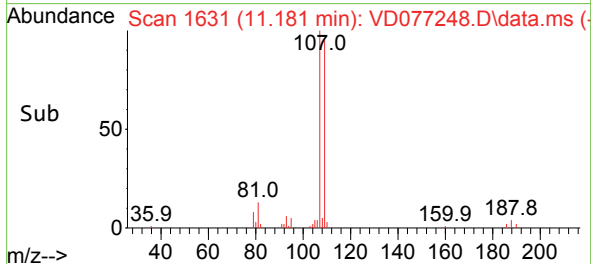
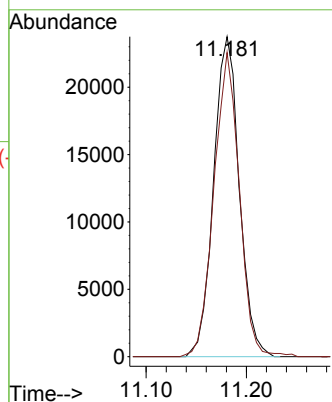
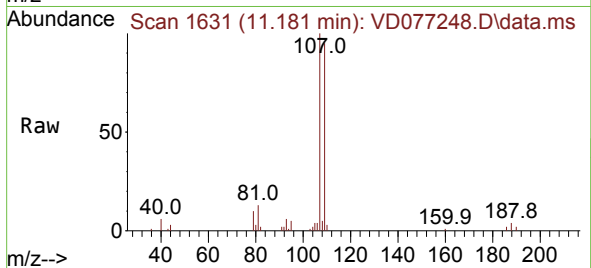




#61
1,2-Dibromoethane
Concen: 19.362 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD077248.D
Acq: 29 Sep 2023 16:23

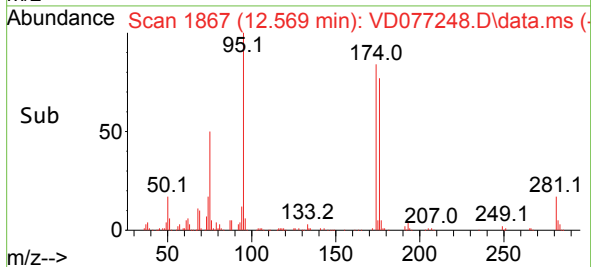
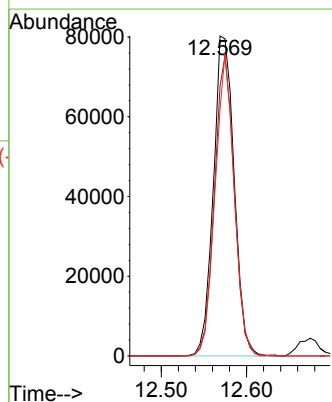
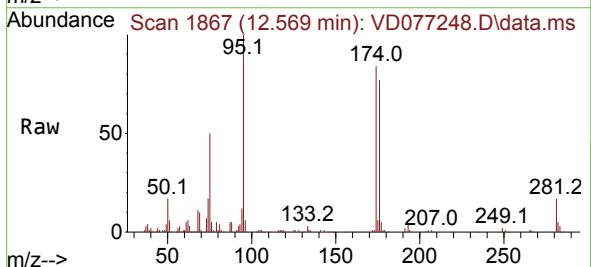
Instrument :
MSVOA_D
ClientSampleId :

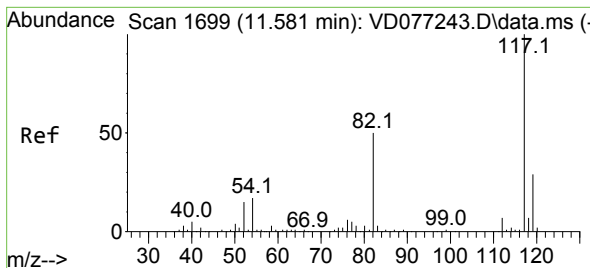
Tgt Ion:107 Resp: 42222
Ion Ratio Lower Upper
107 100
109 94.2 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 48.857 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD077248.D
Acq: 29 Sep 2023 16:23

Tgt Ion: 95 Resp: 135925
Ion Ratio Lower Upper
95 100
174 89.2 0.0 201.8
176 86.3 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: VD077248.D

Acq: 29 Sep 2023 16:23

Instrument :

MSVOA_D

ClientSampleId :

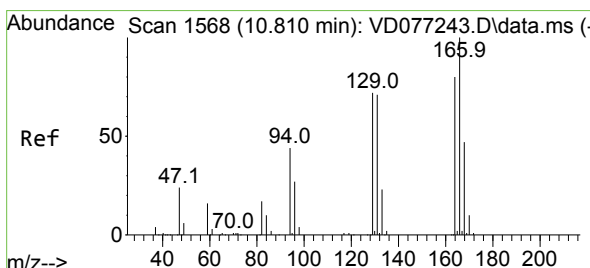
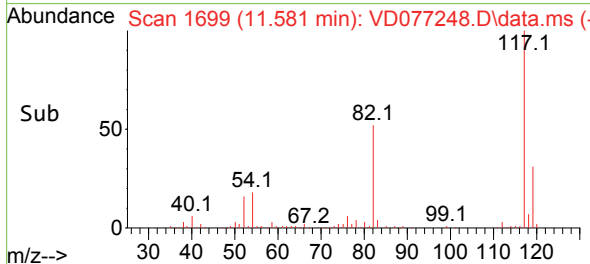
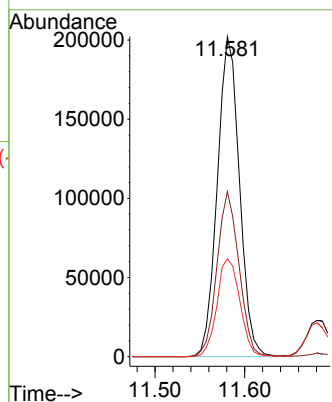
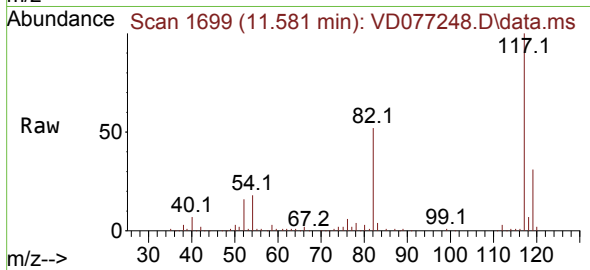
Tgt Ion:117 Resp: 345922

Ion Ratio Lower Upper

117 100

82 51.6 38.3 57.5

119 30.6 25.0 37.4



#64

Tetrachloroethene

Concen: 19.153 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD077248.D

Acq: 29 Sep 2023 16:23

Tgt Ion:164 Resp: 51548

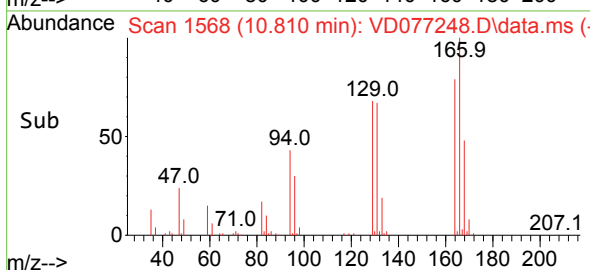
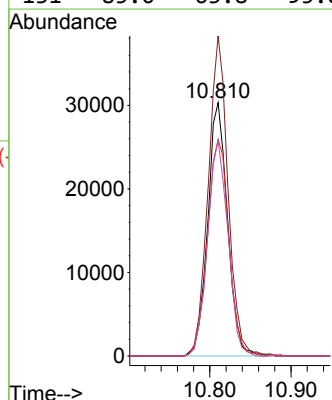
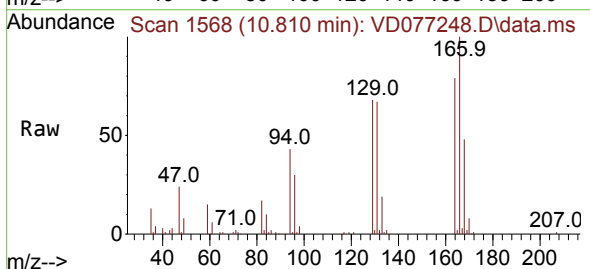
Ion Ratio Lower Upper

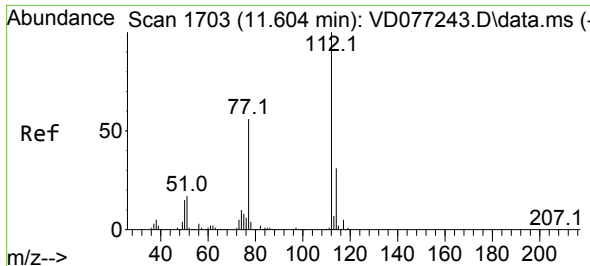
164 100

166 126.4 99.2 148.8

129 85.5 68.4 102.6

131 85.0 63.8 95.8

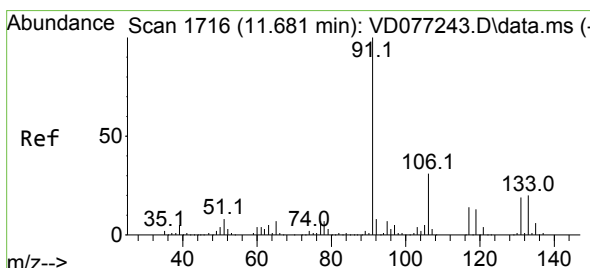
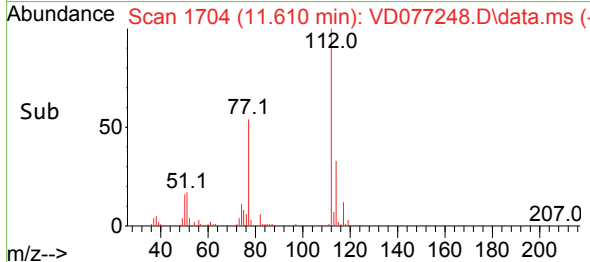
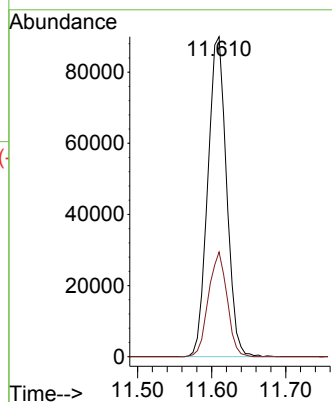
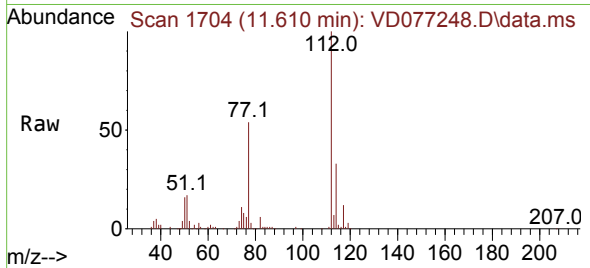




#65
Chlorobenzene
Concen: 19.425 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD077248.D
Acq: 29 Sep 2023 16:23

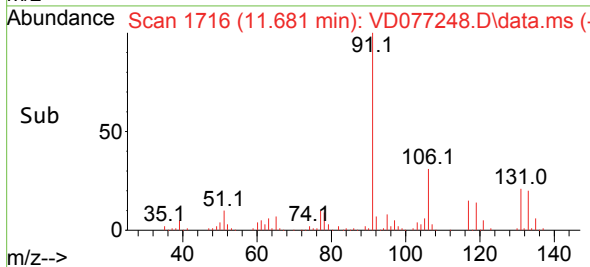
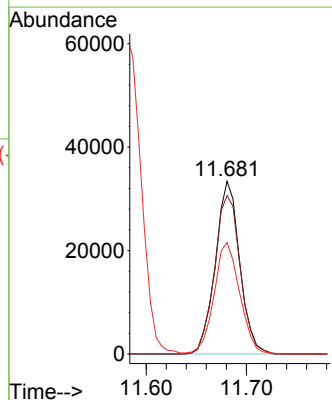
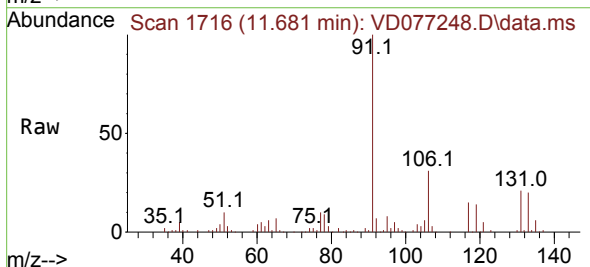
Instrument :
MSVOA_D
ClientSampleId :

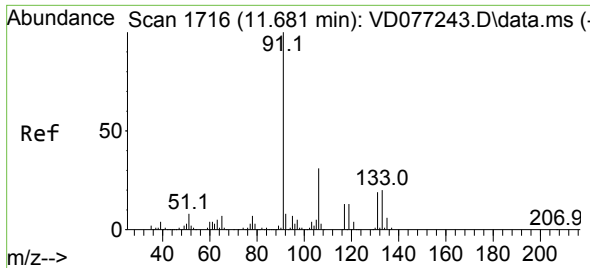
Tgt Ion:112 Resp: 158070
Ion Ratio Lower Upper
112 100
114 32.7 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 18.913 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD077248.D
Acq: 29 Sep 2023 16:23

Tgt Ion:131 Resp: 56305
Ion Ratio Lower Upper
131 100
133 96.8 48.5 145.5
119 68.3 35.6 106.9

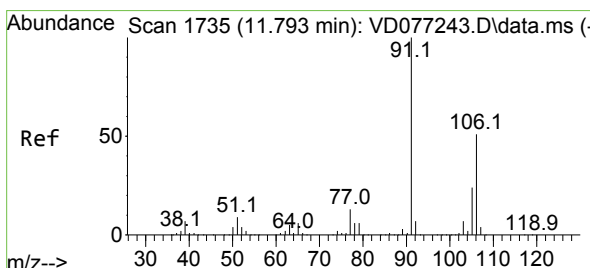
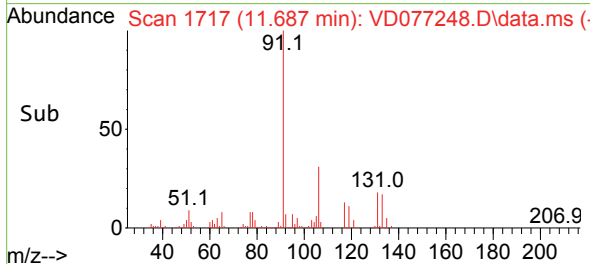
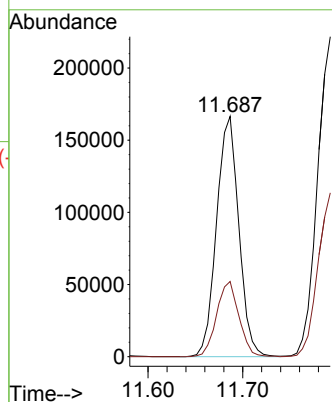
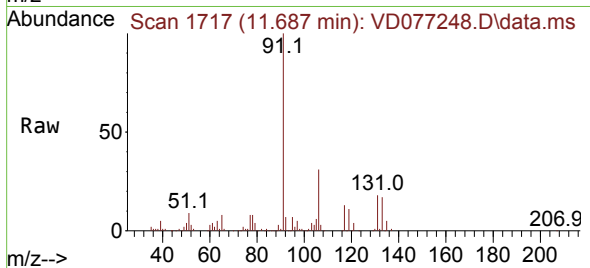




#67
Ethyl Benzene
Concen: 19.453 ug/l
RT: 11.687 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD077248.D
Acq: 29 Sep 2023 16:23

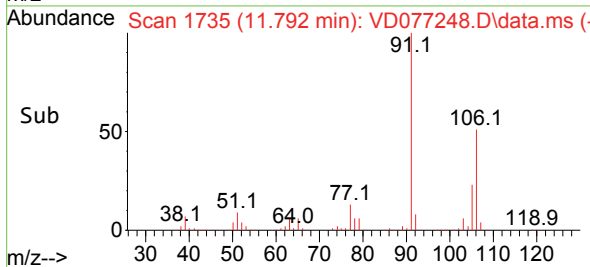
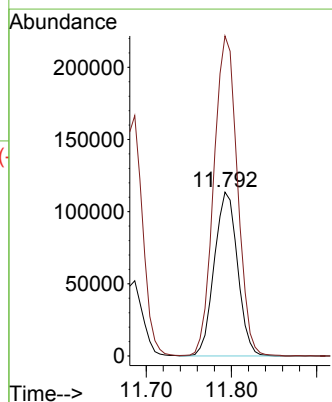
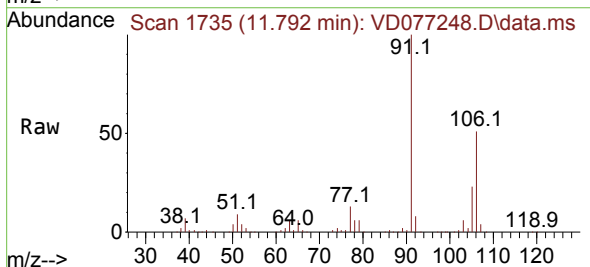
Instrument :
MSVOA_D
ClientSampleId :

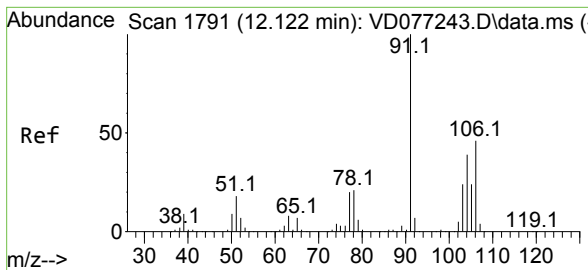
Tgt Ion: 91 Resp: 272097
Ion Ratio Lower Upper
91 100
106 31.3 26.5 39.7



#68
m/p-Xylenes
Concen: 38.492 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD077248.D
Acq: 29 Sep 2023 16:23

Tgt Ion: 106 Resp: 215574
Ion Ratio Lower Upper
106 100
91 198.1 147.0 220.6

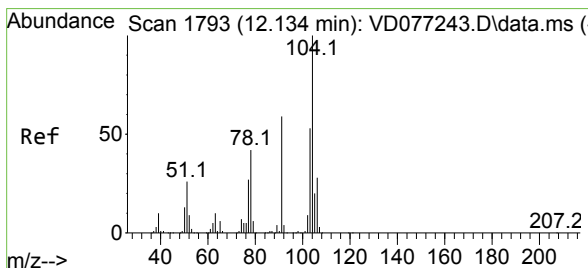
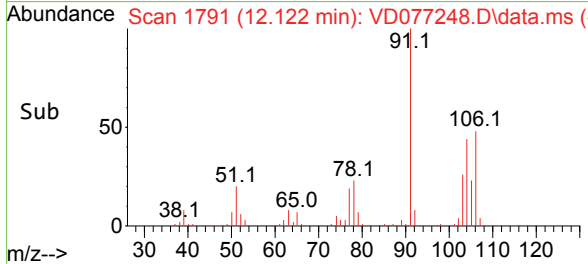
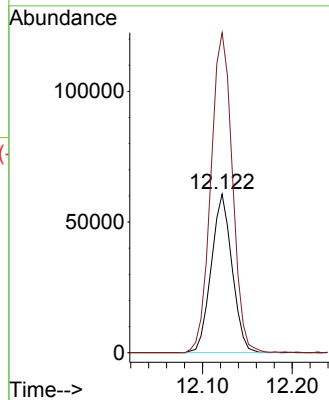
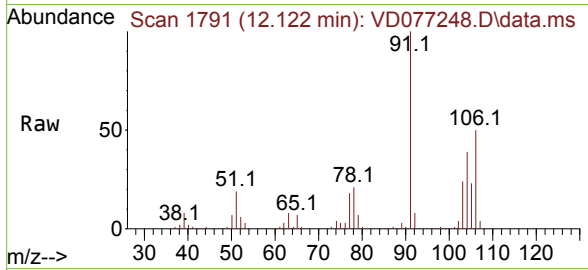




#69
o-Xylene
Concen: 19.007 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD077248.D
Acq: 29 Sep 2023 16:23

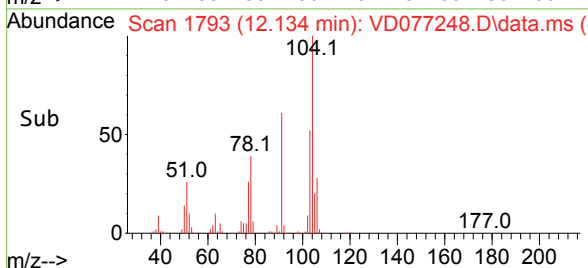
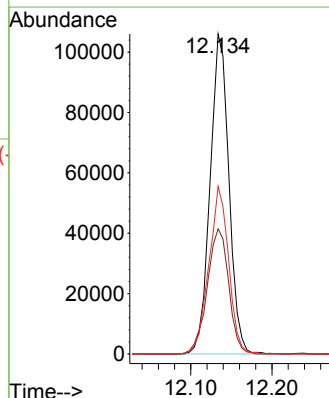
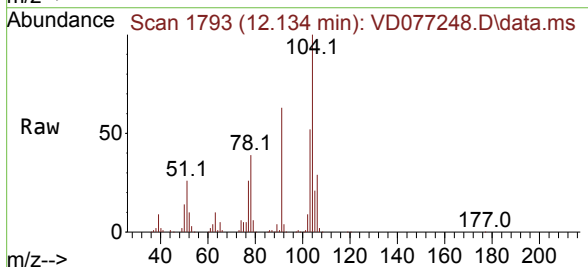
Instrument :
MSVOA_D
ClientSampleId :

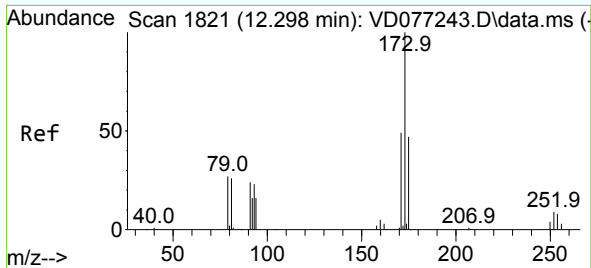
Tgt Ion:106 Resp: 97703
Ion Ratio Lower Upper
106 100
91 209.2 97.9 293.6



#70
Styrene
Concen: 19.455 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD077248.D
Acq: 29 Sep 2023 16:23

Tgt Ion:104 Resp: 170382
Ion Ratio Lower Upper
104 100
78 44.6 33.2 49.8
103 55.0 43.6 65.4

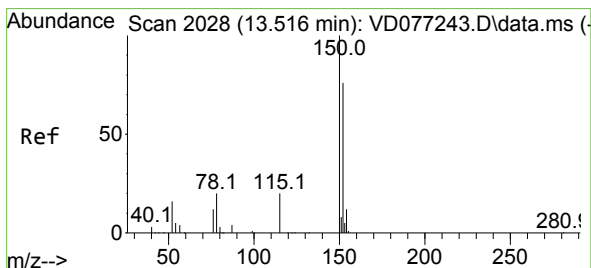
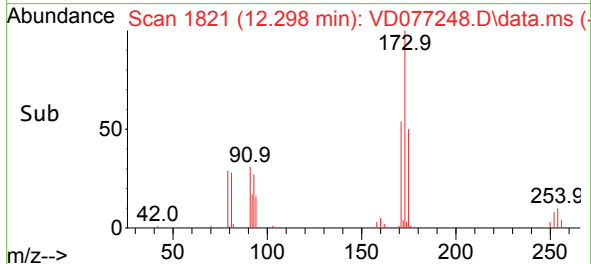
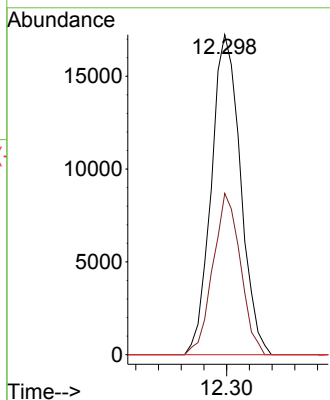
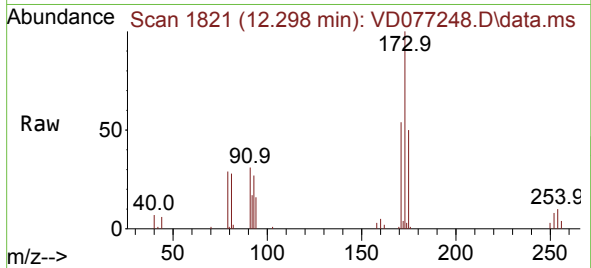




#71
Bromoform
Concen: 18.644 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD077248.D
Acq: 29 Sep 2023 16:23

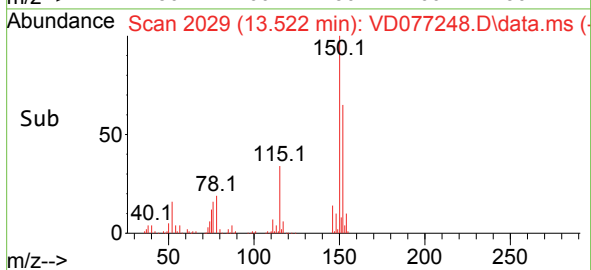
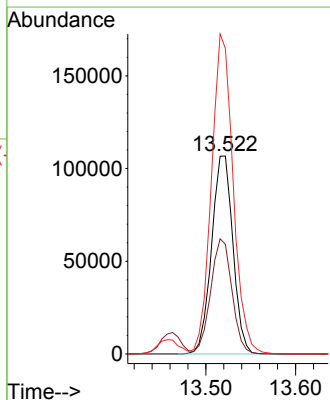
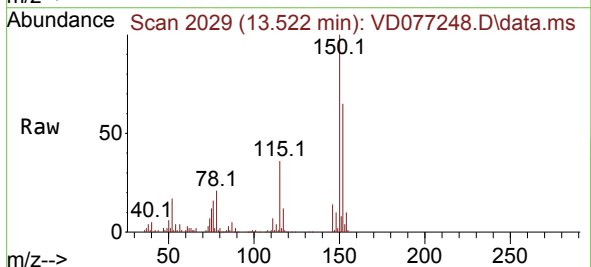
Instrument :
MSVOA_D
ClientSampleId :

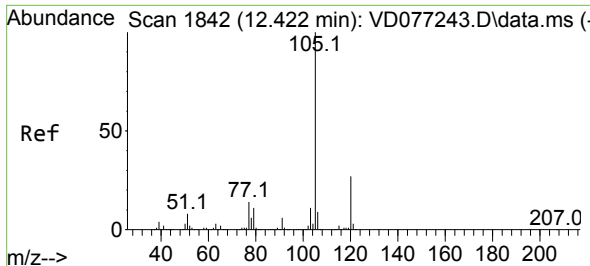
Tgt Ion:173 Resp: 30768
Ion Ratio Lower Upper
173 100
175 47.4 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.000 min
Lab File: VD077248.D
Acq: 29 Sep 2023 16:23

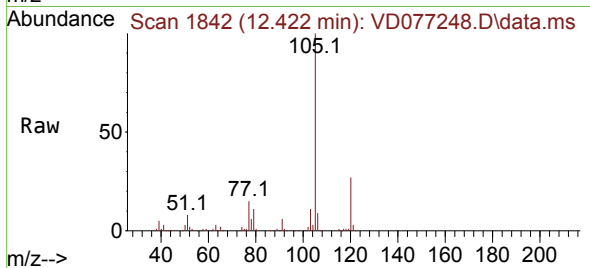
Tgt Ion:152 Resp: 176406
Ion Ratio Lower Upper
152 100
115 57.7 27.1 81.3
150 164.6 0.0 353.6



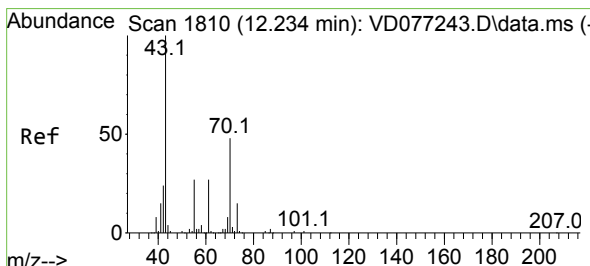
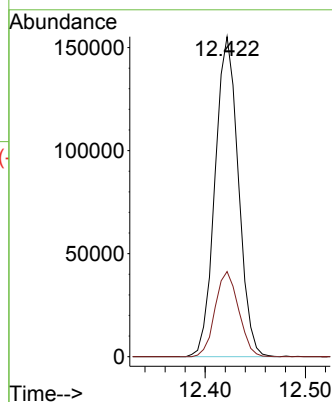
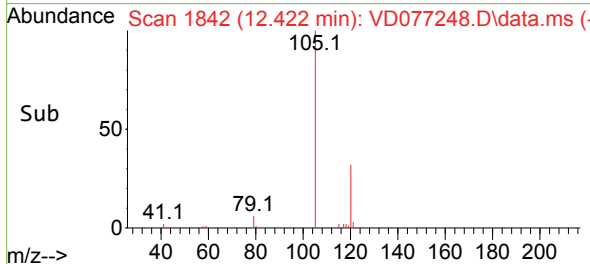


#73
Isopropylbenzene
Concen: 19.234 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD077248.D
Acq: 29 Sep 2023 16:23

Instrument :
MSVOA_D
ClientSampleId :

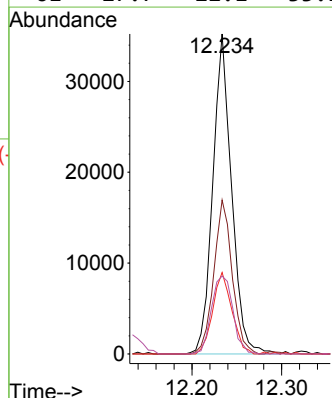
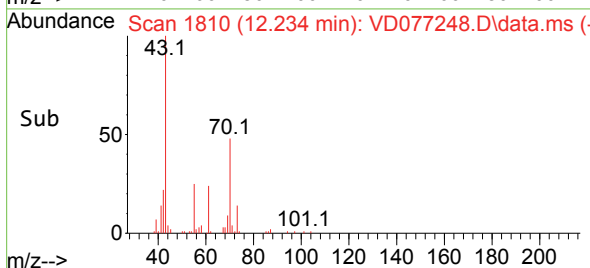
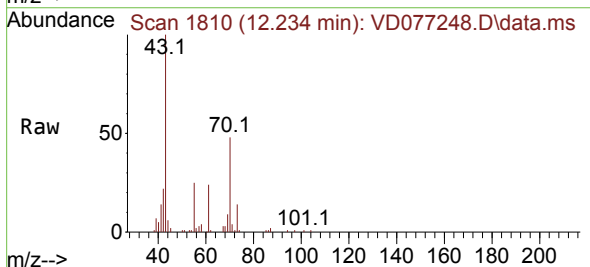


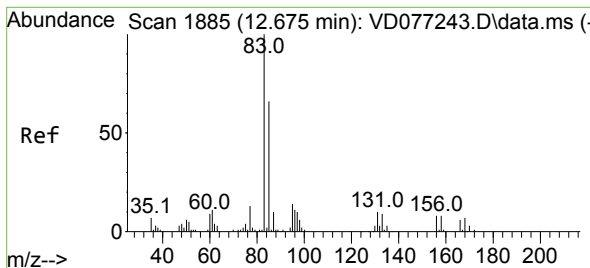
Tgt Ion:105 Resp: 250711
Ion Ratio Lower Upper
105 100
120 26.7 14.3 42.9



#74
N-ethyl acetate
Concen: 20.904 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD077248.D
Acq: 29 Sep 2023 16:23

Tgt Ion: 43 Resp: 51183
Ion Ratio Lower Upper
43 100
70 47.3 45.0 67.4
55 26.0 23.8 35.6
61 27.7 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 20.678 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VD077248.D

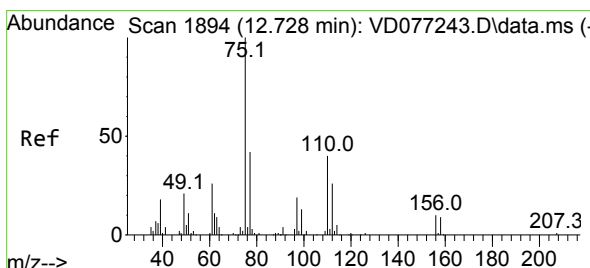
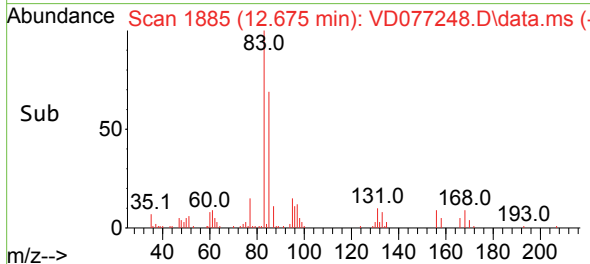
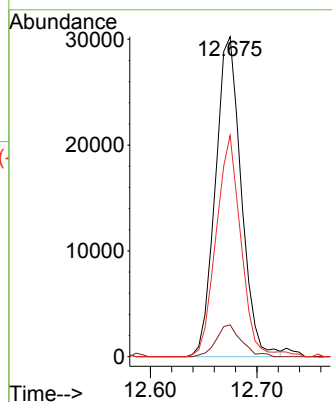
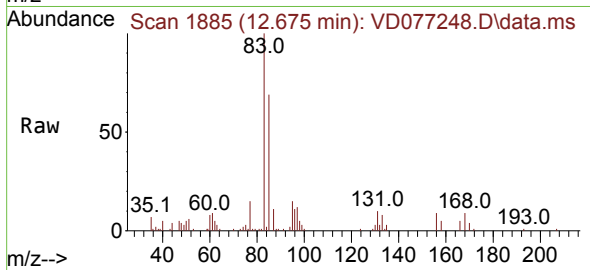
Acq: 29 Sep 2023 16:23

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 83	Resp: 50864
Ion Ratio	Lower Upper
83	100
131	9.8 5.1 15.3
85	66.9 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 43.100 ug/l

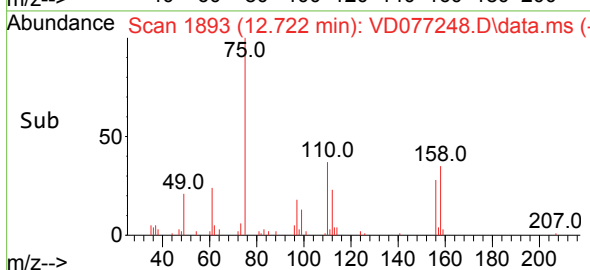
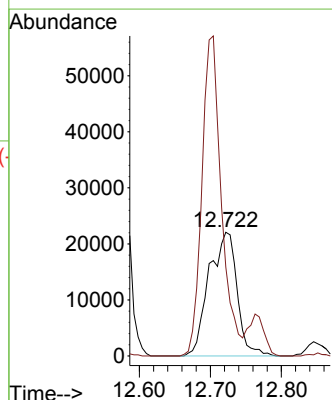
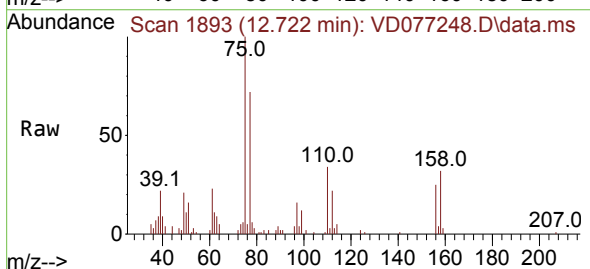
RT: 12.722 min Scan# 1893

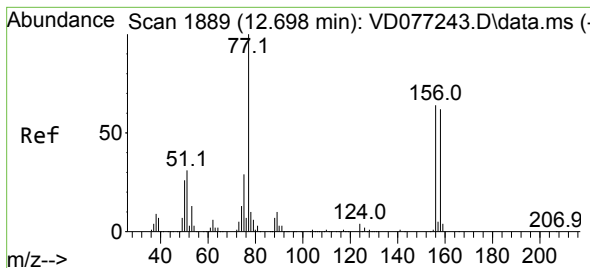
Delta R.T. -0.006 min

Lab File: VD077248.D

Acq: 29 Sep 2023 16:23

Tgt Ion: 75	Resp: 60648
Ion Ratio	Lower Upper
75	100
77	180.4 0.0 0.0#





#77

Bromobenzene

Concen: 19.091 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. 0.000 min

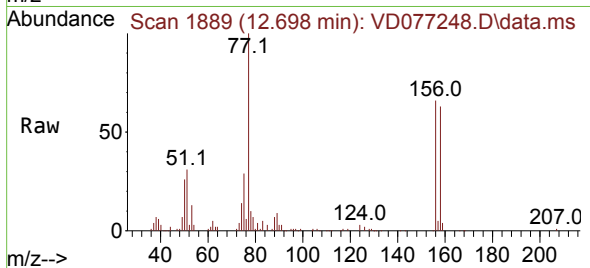
Lab File: VD077248.D

Acq: 29 Sep 2023 16:23

Instrument :

MSVOA_D

ClientSampleId :



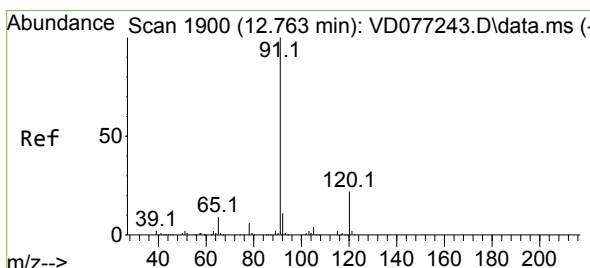
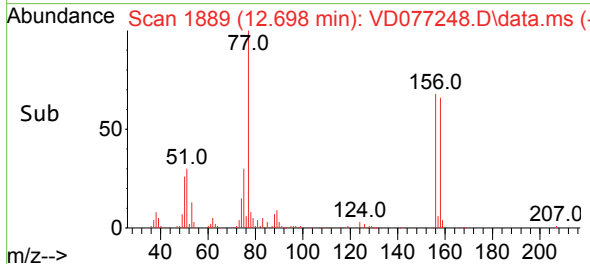
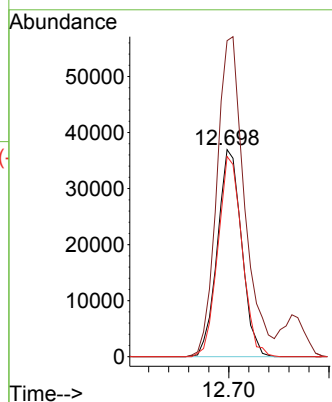
Tgt Ion:156 Resp: 61962

Ion Ratio Lower Upper

156 100

77 176.6 76.8 230.4

158 96.4 48.6 145.9



#78

n-propylbenzene

Concen: 20.056 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD077248.D

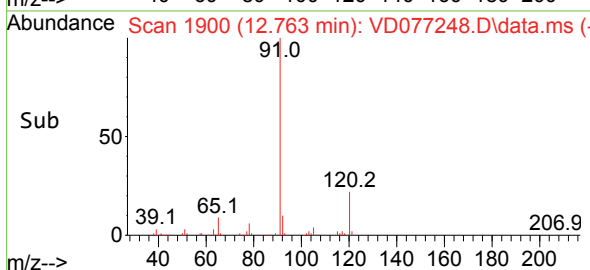
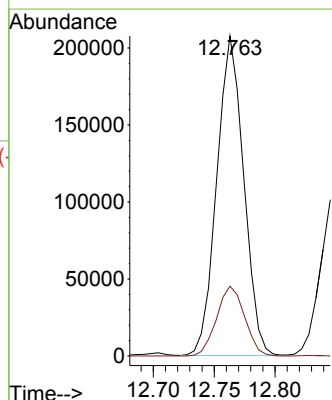
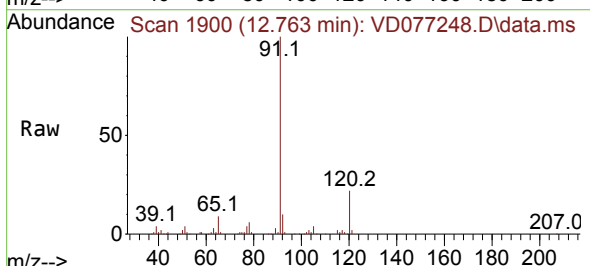
Acq: 29 Sep 2023 16:23

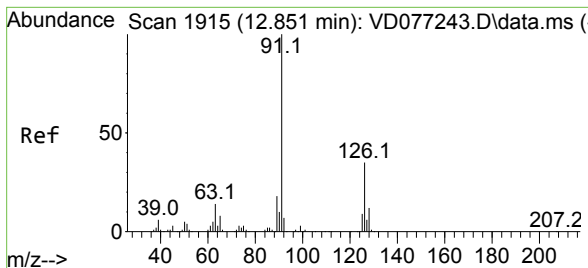
Tgt Ion: 91 Resp: 319538

Ion Ratio Lower Upper

91 100

120 22.6 12.4 37.2





#79

2-Chlorotoluene

Concen: 19.988 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VD077248.D

Acq: 29 Sep 2023 16:23

Instrument :

MSVOA_D

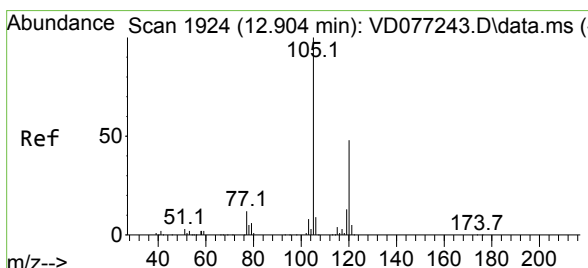
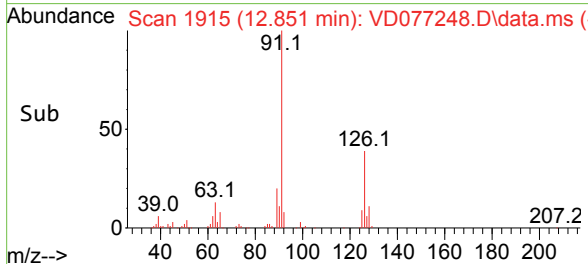
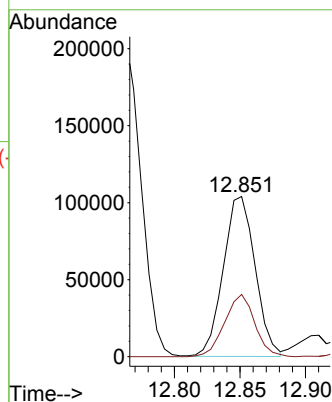
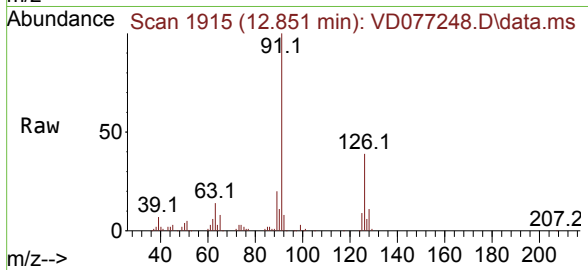
ClientSampleId :

Tgt Ion: 91 Resp: 175618

Ion Ratio Lower Upper

91 100

126 36.8 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 19.548 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD077248.D

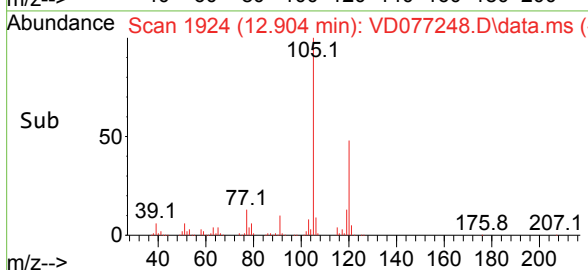
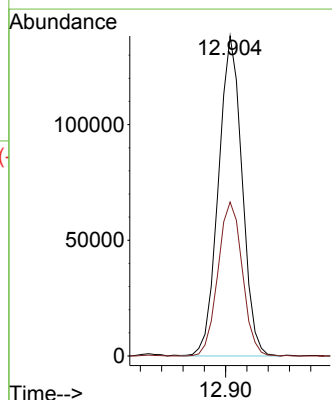
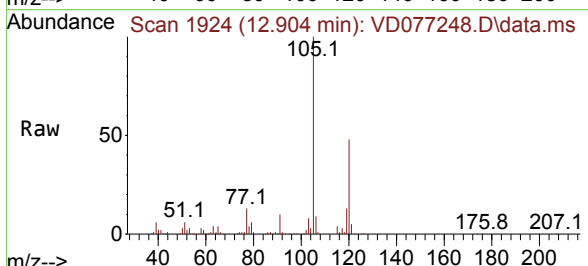
Acq: 29 Sep 2023 16:23

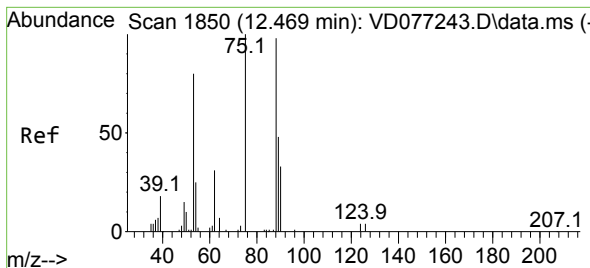
Tgt Ion: 105 Resp: 212798

Ion Ratio Lower Upper

105 100

120 49.5 26.4 79.2

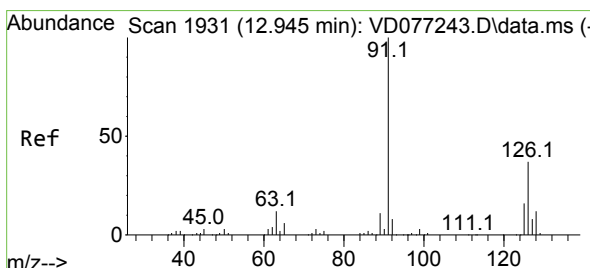
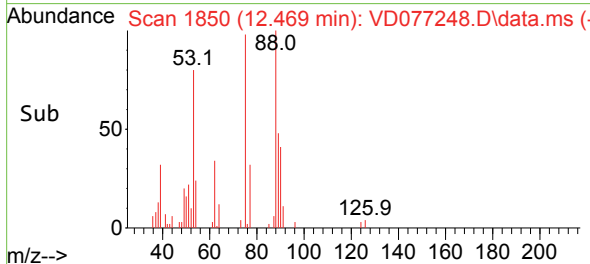
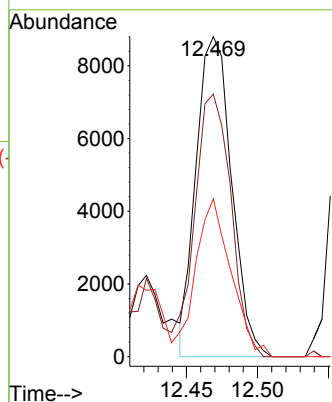
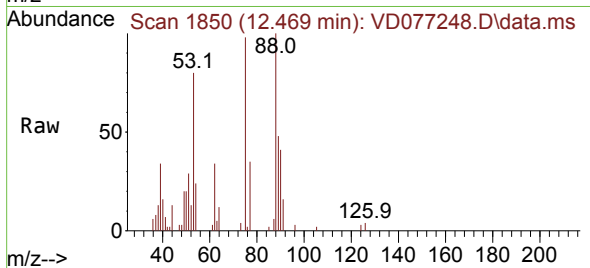




#81
trans-1,4-Dichloro-2-butene
Concen: 20.579 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD077248.D
Acq: 29 Sep 2023 16:23

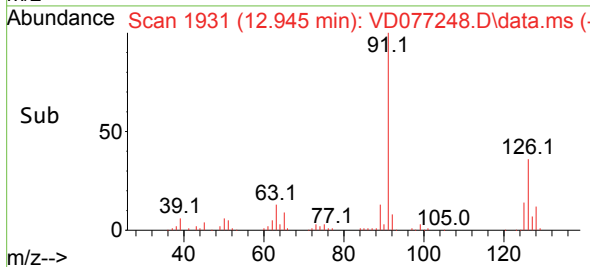
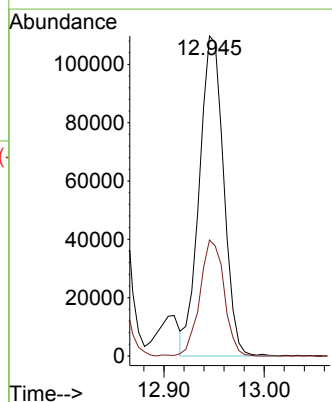
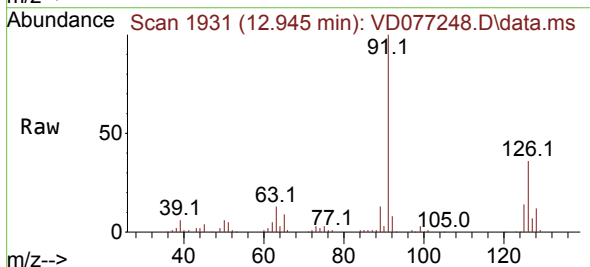
Instrument :
MSVOA_D
ClientSampleId :

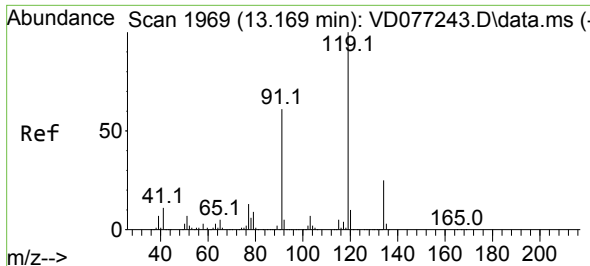
Tgt Ion: 75 Resp: 15299
Ion Ratio Lower Upper
75 100
53 83.5 63.0 94.4
89 49.3 37.9 56.9



#82
4-Chlorotoluene
Concen: 20.052 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD077248.D
Acq: 29 Sep 2023 16:23

Tgt Ion: 91 Resp: 185160
Ion Ratio Lower Upper
91 100
126 36.1 19.4 58.4

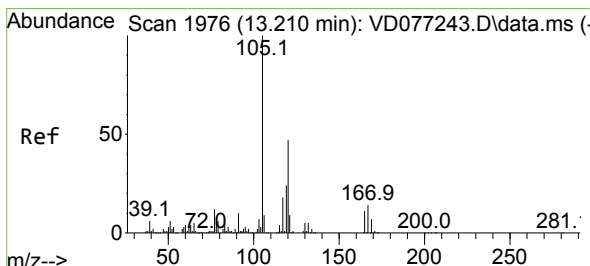
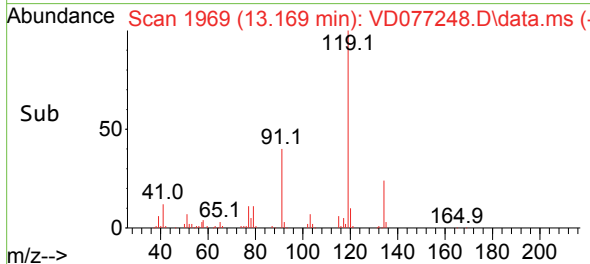
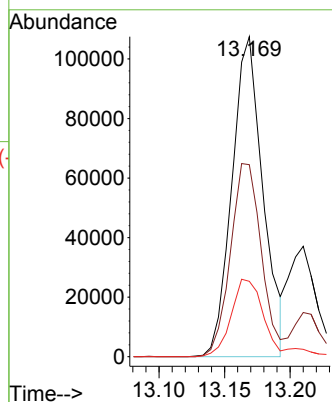
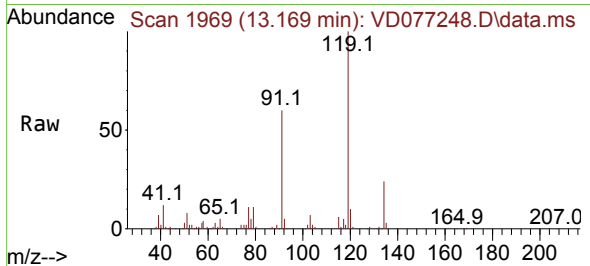




#83
tert-Butylbenzene
Concen: 19.023 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD077248.D
Acq: 29 Sep 2023 16:23

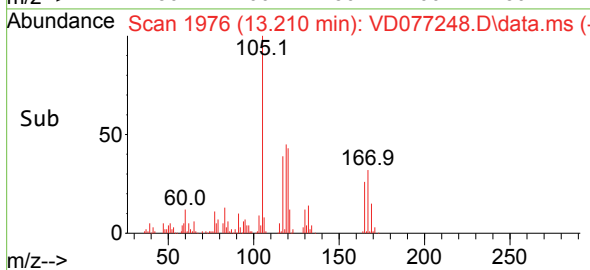
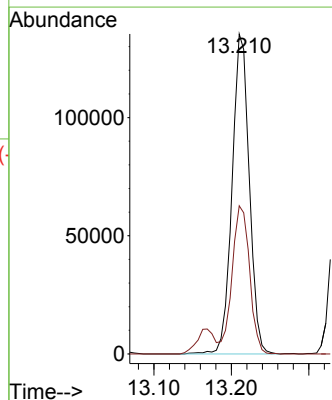
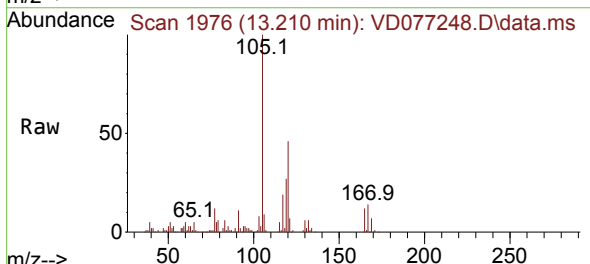
Instrument :
MSVOA_D
ClientSampleId :

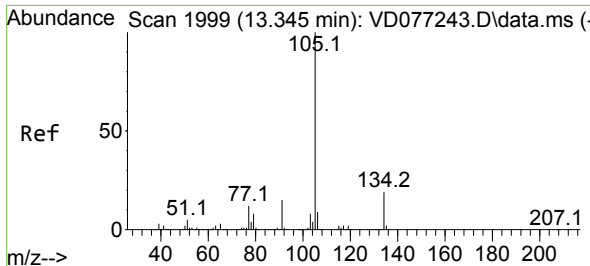
Tgt Ion:119 Resp: 176917
Ion Ratio Lower Upper
119 100
91 60.0 29.3 87.8
134 25.0 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 18.939 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.006 min
Lab File: VD077248.D
Acq: 29 Sep 2023 16:23

Tgt Ion:105 Resp: 209056
Ion Ratio Lower Upper
105 100
120 47.5 24.3 72.9

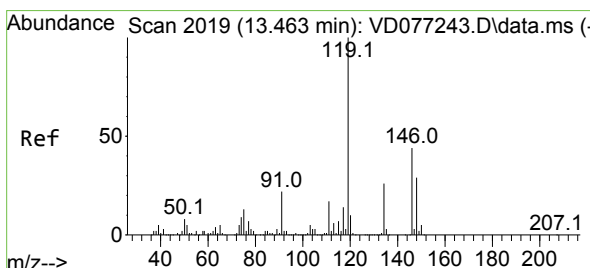
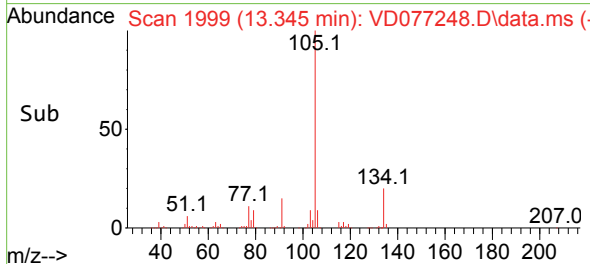
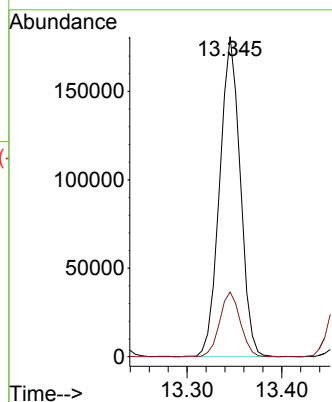
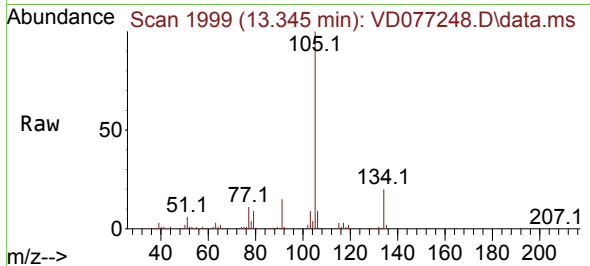




#85
 sec-Butylbenzene
 Concen: 19.554 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD077248.D
 Acq: 29 Sep 2023 16:23

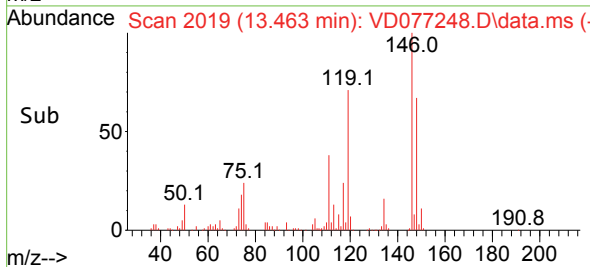
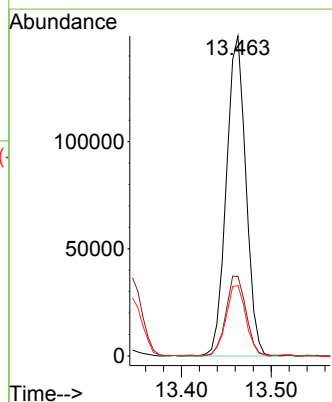
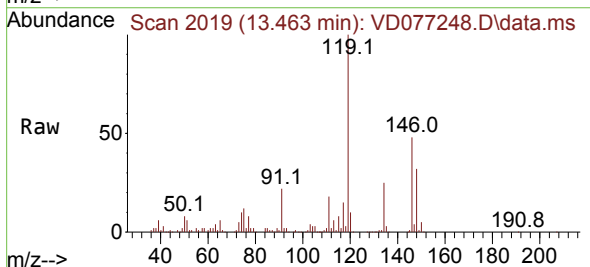
Instrument :
 MSVOA_D
 ClientSampleId :

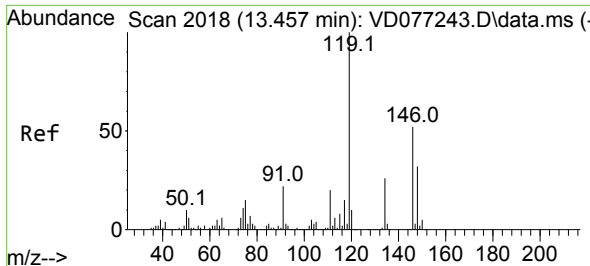
Tgt Ion:105 Resp: 272902
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 19.062 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD077248.D
 Acq: 29 Sep 2023 16:23

Tgt Ion:119 Resp: 225687
 Ion Ratio Lower Upper
 119 100
 134 25.9 14.2 42.6
 91 22.6 10.5 31.5

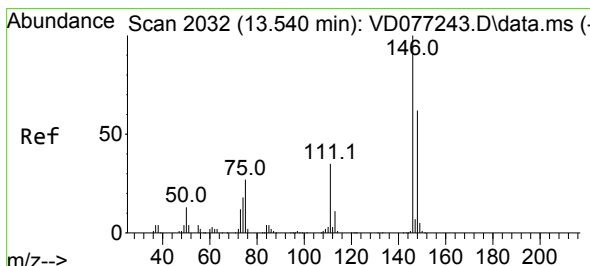
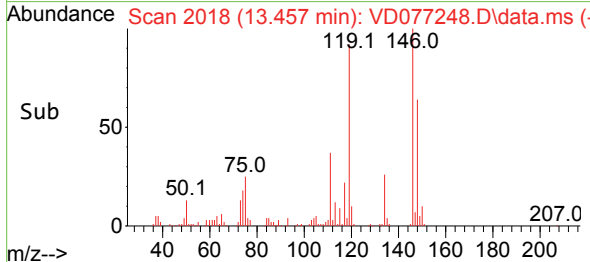
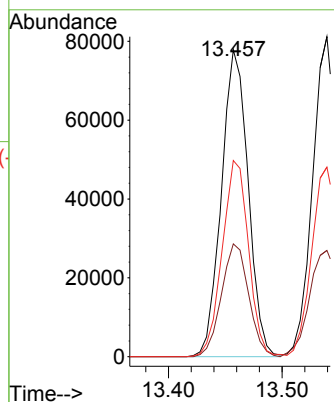
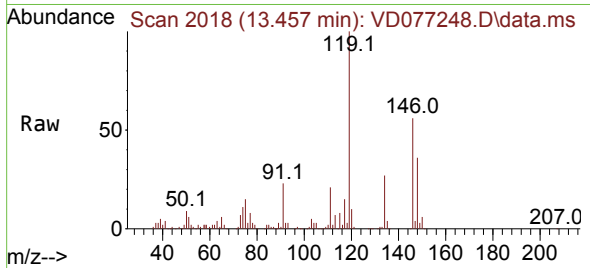




#87
1,3-Dichlorobenzene
Concen: 19.069 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD077248.D
Acq: 29 Sep 2023 16:23

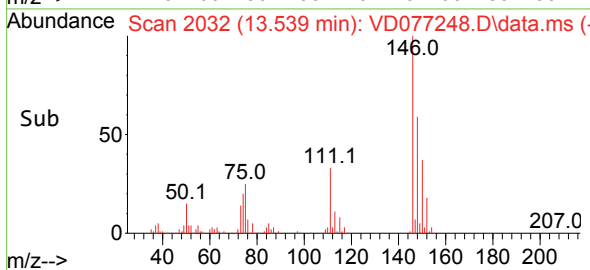
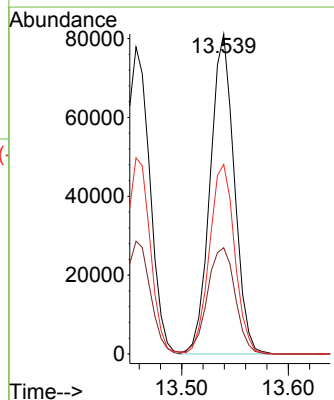
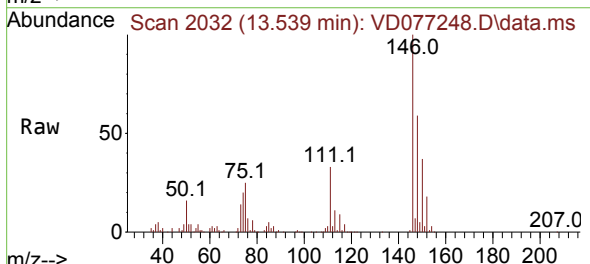
Instrument :
MSVOA_D
ClientSampleId :

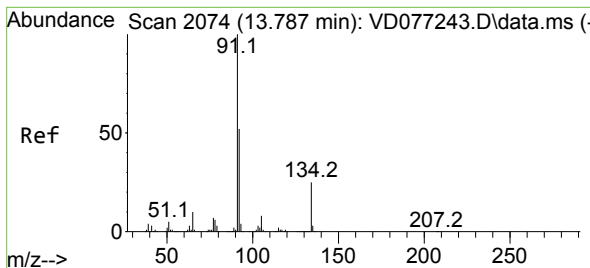
Tgt Ion:146 Resp: 127282
Ion Ratio Lower Upper
146 100
111 37.4 17.9 53.8
148 63.1 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 19.421 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD077248.D
Acq: 29 Sep 2023 16:23

Tgt Ion:146 Resp: 127546
Ion Ratio Lower Upper
146 100
111 38.4 17.4 52.3
148 62.2 31.7 95.1





#89

n-Butylbenzene

Concen: 19.584 ug/l

RT: 13.786 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD077248.D

Acq: 29 Sep 2023 16:23

Instrument :

MSVOA_D

ClientSampleId :

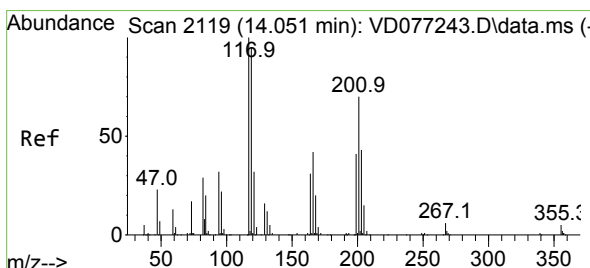
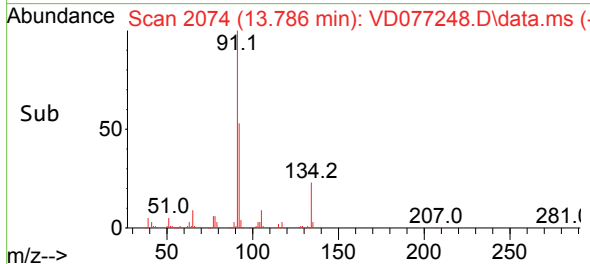
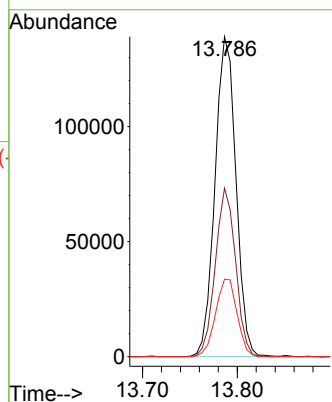
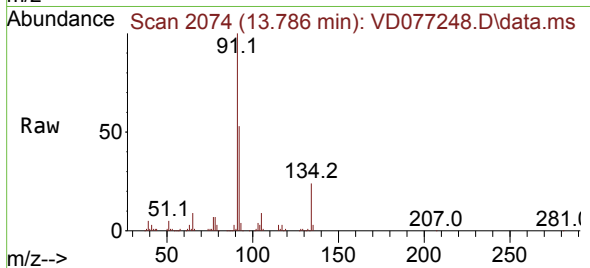
Tgt Ion: 91 Resp: 213892

Ion Ratio Lower Upper

91 100

92 50.9 26.5 79.5

134 24.9 13.8 41.3



#90

Hexachloroethane

Concen: 19.110 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. 0.000 min

Lab File: VD077248.D

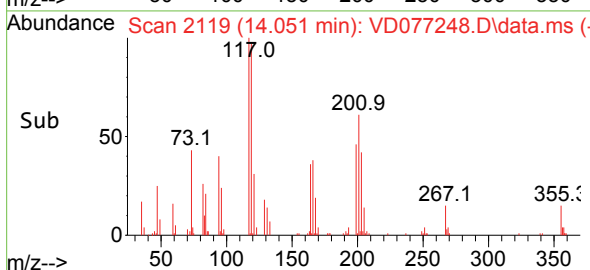
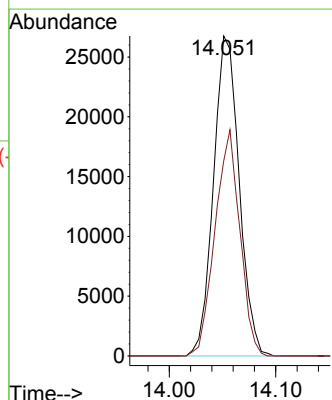
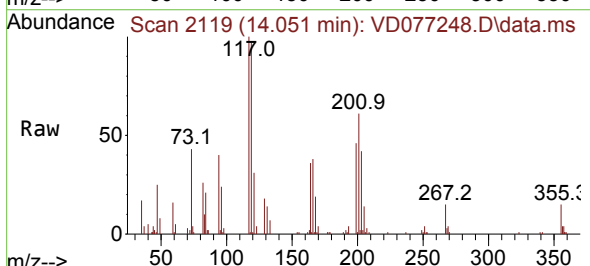
Acq: 29 Sep 2023 16:23

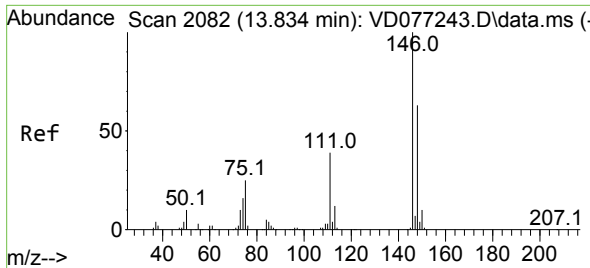
Tgt Ion: 117 Resp: 44870

Ion Ratio Lower Upper

117 100

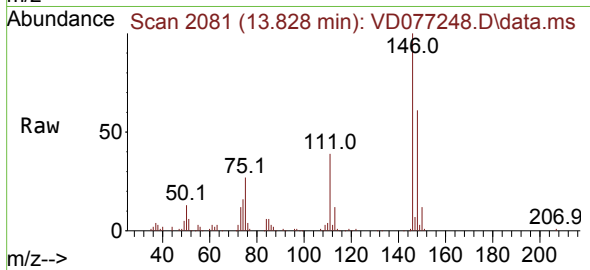
201 68.2 38.5 115.5



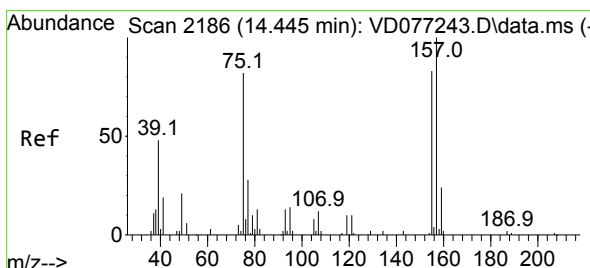
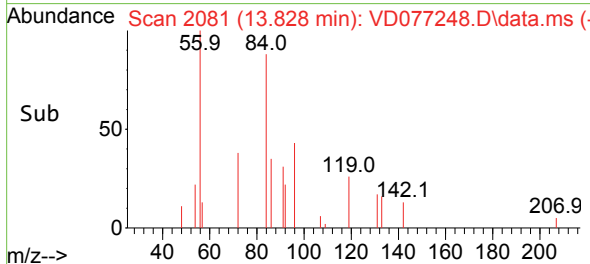
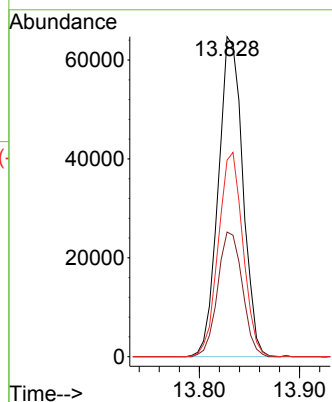


#91
1,2-Dichlorobenzene
Concen: 19.163 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VD077248.D
Acq: 29 Sep 2023 16:23

Instrument :
MSVOA_D
ClientSampleId :

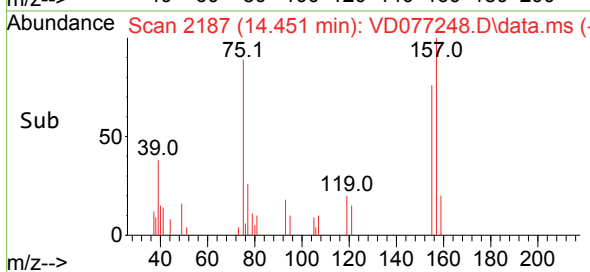
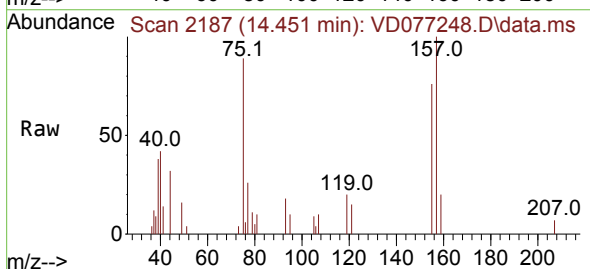
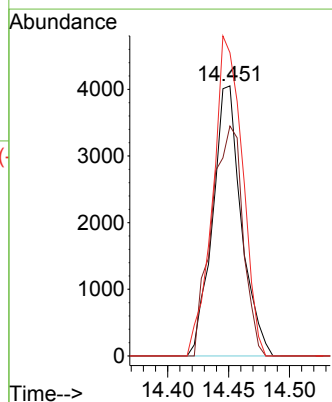


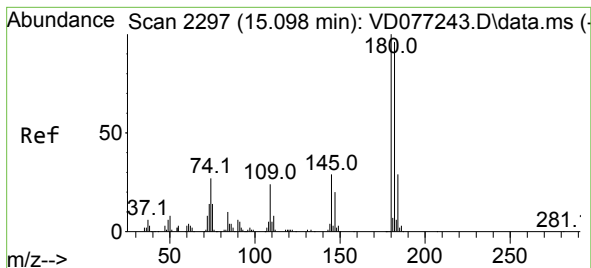
Tgt Ion:146 Resp: 109671
Ion Ratio Lower Upper
146 100
111 39.4 18.3 54.8
148 64.3 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.246 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VD077248.D
Acq: 29 Sep 2023 16:23

Tgt Ion: 75 Resp: 6650
Ion Ratio Lower Upper
75 100
155 92.9 47.9 143.8
157 121.8 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 18.380 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. -0.006 min

Lab File: VD077248.D

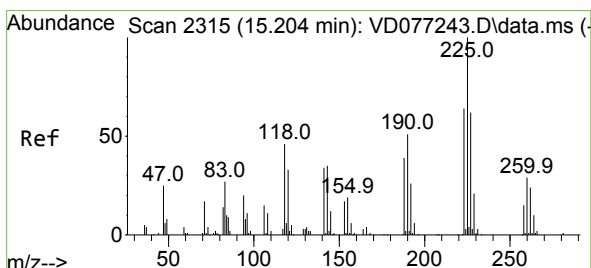
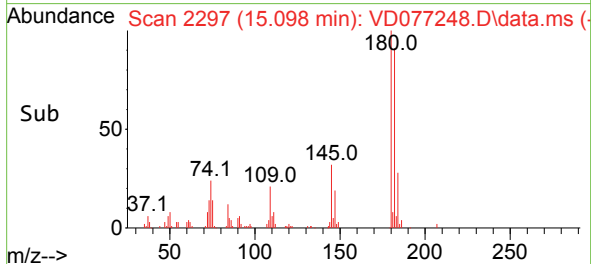
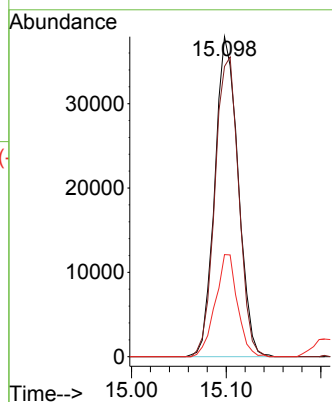
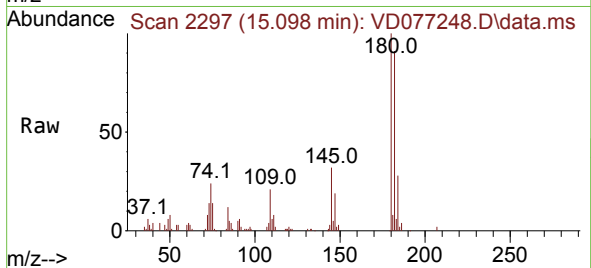
Acq: 29 Sep 2023 16:23

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:180	Resp:	64894
Ion Ratio	Lower	Upper
180	100	
182	95.3	48.5 145.6
145	30.4	14.2 42.6



#94

Hexachlorobutadiene

Concen: 18.413 ug/l

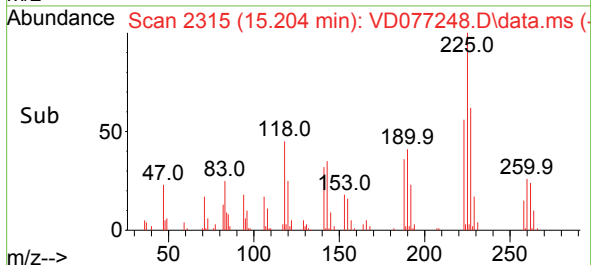
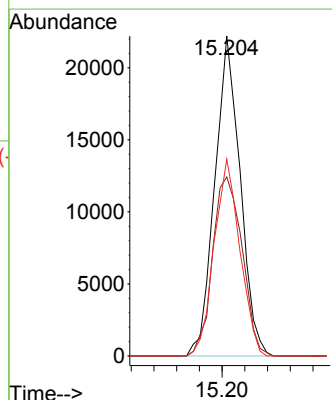
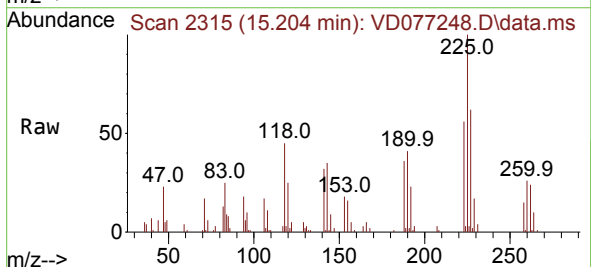
RT: 15.204 min Scan# 2315

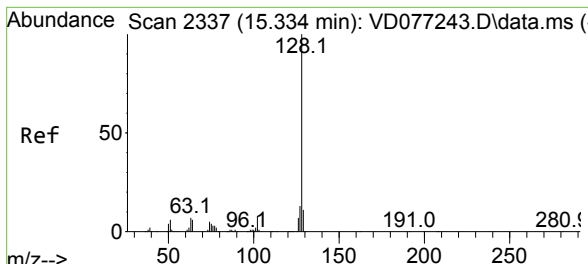
Delta R.T. 0.000 min

Lab File: VD077248.D

Acq: 29 Sep 2023 16:23

Tgt Ion:225	Resp:	34451
Ion Ratio	Lower	Upper
225	100	
223	65.2	31.6 94.8
227	62.5	31.7 95.1

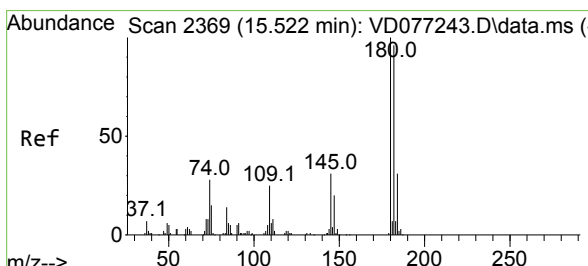
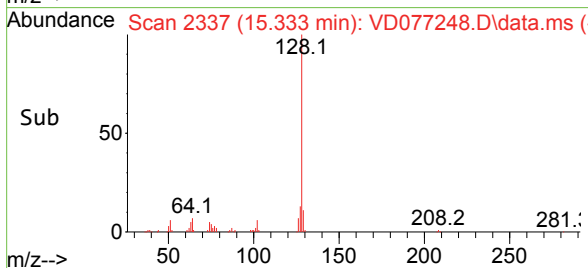
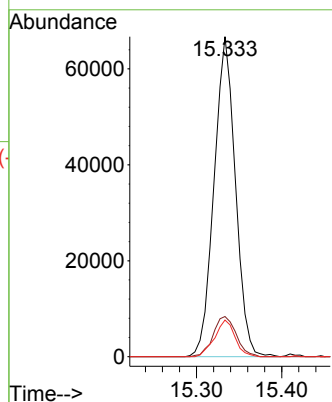
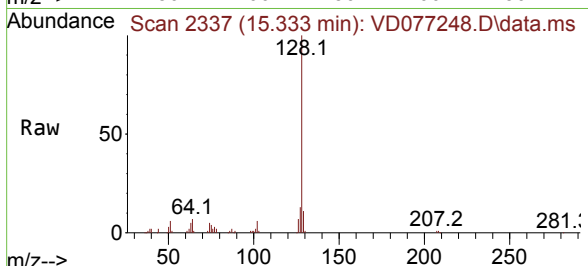




#95
Naphthalene
Concen: 17.930 ug/l
RT: 15.333 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD077248.D
Acq: 29 Sep 2023 16:23

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 116087
Ion Ratio Lower Upper
128 100
127 12.6 10.5 15.7
129 11.4 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 18.149 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD077248.D
Acq: 29 Sep 2023 16:23

Tgt Ion:180 Resp: 56957
Ion Ratio Lower Upper
180 100
182 96.1 47.3 141.9
145 31.7 15.1 45.3

