

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081423\
 Data File : VD077002.D
 Acq On : 14 Aug 2023 15:42
 Operator : JC/SY
 Sample : VD0814SBS01
 Misc : 5.09G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0814SBS01

Quant Time: Aug 15 04:47:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080823S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 09 07:25:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	186434	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	326913	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	303223	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	154088	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	65432	44.490	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.980%
35) Dibromofluoromethane	7.804	113	85810	48.824	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.640%
50) Toluene-d8	10.269	98	261673	46.355	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.720%
62) 4-Bromofluorobenzene	12.575	95	96898	49.102	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.200%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.934	85	20833	19.651	ug/l	92
3) Chloromethane	2.146	50	25836	16.337	ug/l	95
4) Vinyl Chloride	2.275	62	39170	16.808	ug/l	99
5) Bromomethane	2.669	94	33790	16.032	ug/l	96
6) Chloroethane	2.822	64	32164	16.800	ug/l	97
7) Trichlorofluoromethane	3.163	101	49372	19.448	ug/l	90
8) Diethyl Ether	3.593	74	14637	17.919	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.952	101	33917	19.509	ug/l	98
10) Methyl Iodide	4.152	142	27375	16.351	ug/l #	88
11) Tert butyl alcohol	5.063	59	12442	113.650	ug/l #	86
12) 1,1-Dichloroethene	3.934	96	25767	18.059	ug/l	92
13) Acrolein	3.793	56	5096	121.626	ug/l #	81
14) Allyl chloride	4.557	41	31772	18.131	ug/l	91
15) Acrylonitrile	5.251	53	36645	90.217	ug/l	96
16) Acetone	4.028	43	30284	86.932	ug/l #	86
17) Carbon Disulfide	4.257	76	32403	13.416	ug/l	97
18) Methyl Acetate	4.557	43	23768	17.307	ug/l	99
19) Methyl tert-butyl Ether	5.316	73	77508	19.245	ug/l	95
20) Methylene Chloride	4.799	84	47193	12.274	ug/l	96
21) trans-1,2-Dichloroethene	5.304	96	28141	17.266	ug/l	98
22) Diisopropyl ether	6.216	45	87878	19.197	ug/l	94
23) Vinyl Acetate	6.157	43	191076	88.999	ug/l	100
24) 1,1-Dichloroethane	6.110	63	62295	19.039	ug/l	98
25) 2-Butanone	7.087	43	43886	89.211	ug/l #	86
26) 2,2-Dichloropropane	7.075	77	55187	18.577	ug/l	95
27) cis-1,2-Dichloroethene	7.081	96	40129	17.943	ug/l	94
28) Bromochloromethane	7.422	49	30907	19.764	ug/l	99
29) Tetrahydrofuran	7.451	42	23239	84.597	ug/l	99
30) Chloroform	7.593	83	73618	19.721	ug/l	89
31) Cyclohexane	7.881	56	34195	17.202	ug/l	94
32) 1,1,1-Trichloroethane	7.793	97	59503	19.423	ug/l	99
36) 1,1-Dichloropropene	8.004	75	39335	18.099	ug/l	100
37) Ethyl Acetate	7.169	43	18225	18.173	ug/l #	88
38) Carbon Tetrachloride	7.993	117	45589	19.599	ug/l	96
39) Methylcyclohexane	9.269	83	41524	18.033	ug/l	99
40) Benzene	8.245	78	127370	18.227	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	10218	18.882	ug/l #	83
42) 1,2-Dichloroethane	8.328	62	38455	20.415	ug/l	96
43) Isopropyl Acetate	8.357	43	35902	19.051	ug/l	95
44) Trichloroethene	9.028	130	37280	19.323	ug/l	99
45) 1,2-Dichloropropane	9.304	63	35390	18.792	ug/l	98
46) Dibromomethane	9.392	93	20243	17.989	ug/l	96
47) Bromodichloromethane	9.581	83	57258	19.835	ug/l	98
48) Methyl methacrylate	9.381	41	15571	18.790	ug/l	87
49) 1,4-Dioxane	9.387	88	4831	367.286	ug/l	96
51) 4-Methyl-2-Pentanone	10.157	43	96294	92.570	ug/l	97
52) Toluene	10.334	92	87333	19.029	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	48818	19.385	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	56094	19.205	ug/l #	88
55) 1,1,2-Trichloroethane	10.734	97	33097	19.818	ug/l	93
56) Ethyl methacrylate	10.598	69	34152	19.730	ug/l	95
57) 1,3-Dichloropropane	10.881	76	50475	19.455	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	66260	101.830	ug/l	99
59) 2-Hexanone	10.922	43	67518	95.352	ug/l	92
60) Dibromochloromethane	11.075	129	39946	19.833	ug/l	97
61) 1,2-Dibromoethane	11.175	107	28521	19.205	ug/l	95
64) Tetrachloroethene	10.804	164	30384	19.906	ug/l	92
65) Chlorobenzene	11.604	112	106532	19.859	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	43450	20.526	ug/l	97
67) Ethyl Benzene	11.681	91	174649	19.297	ug/l	97
68) m/p-Xylenes	11.792	106	138302	39.346	ug/l	97
69) o-Xylene	12.122	106	65463	19.420	ug/l	94
70) Styrene	12.133	104	120324	20.022	ug/l	99
71) Bromoform	12.298	173	24644	21.000	ug/l #	96
73) Isopropylbenzene	12.422	105	182718	18.844	ug/l	97
74) N-amyl acetate	12.233	43	32120	16.627	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.675	83	39853	18.653	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	43415	30.035	ug/l #	100
77) Bromobenzene	12.698	156	43163	18.294	ug/l	91
78) n-propylbenzene	12.763	91	224155	19.004	ug/l	99
79) 2-Chlorotoluene	12.851	91	119096	18.365	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	147925	18.795	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	10343	16.811	ug/l	95
82) 4-Chlorotoluene	12.945	91	126060	18.573	ug/l	96
83) tert-Butylbenzene	13.169	119	137734	19.085	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	154881	19.313	ug/l	97
85) sec-Butylbenzene	13.345	105	211063	19.359	ug/l	96
86) p-Isopropyltoluene	13.463	119	172846	19.194	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	93739	19.153	ug/l	99
88) 1,4-Dichlorobenzene	13.539	146	93363	19.134	ug/l	98
89) n-Butylbenzene	13.786	91	165616	19.308	ug/l	97
90) Hexachloroethane	14.051	117	36475	20.045	ug/l	89
91) 1,2-Dichlorobenzene	13.828	146	83255	19.133	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.445	75	5859	20.169	ug/l	99
93) 1,2,4-Trichlorobenzene	15.098	180	52463	19.494	ug/l	97
94) Hexachlorobutadiene	15.204	225	26888	19.971	ug/l	95
95) Naphthalene	15.333	128	100504	18.361	ug/l #	96
96) 1,2,3-Trichlorobenzene	15.522	180	45998	19.170	ug/l	98

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QLast Update : Wed Aug 09 07:25:36 2023
Response via : Initial Calibration

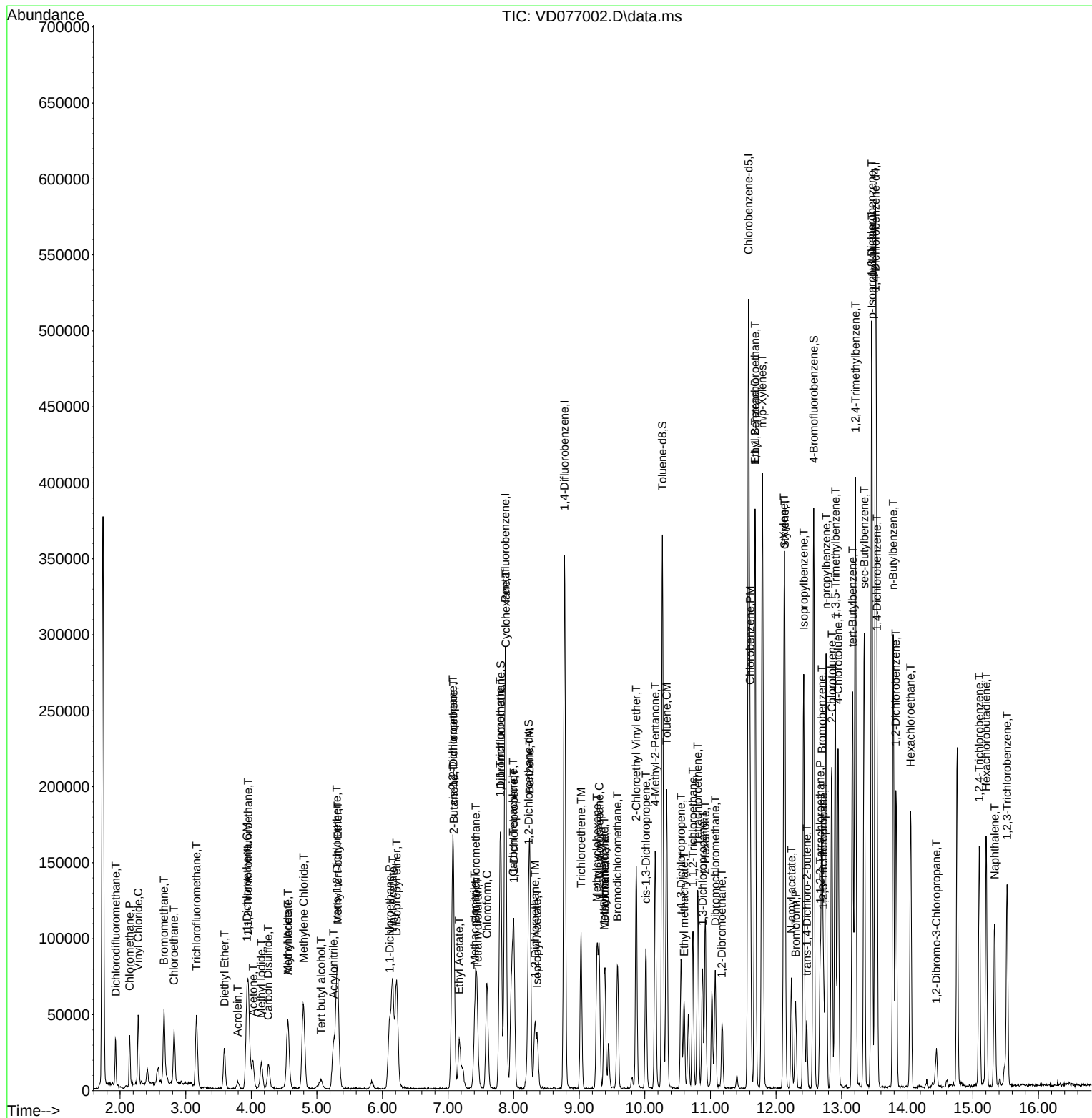
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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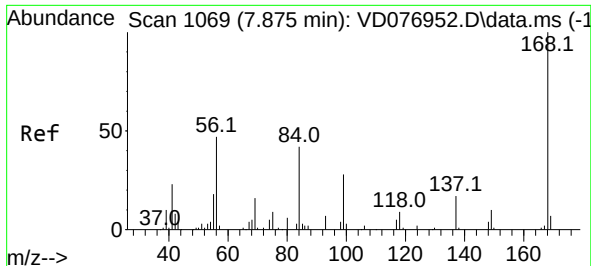
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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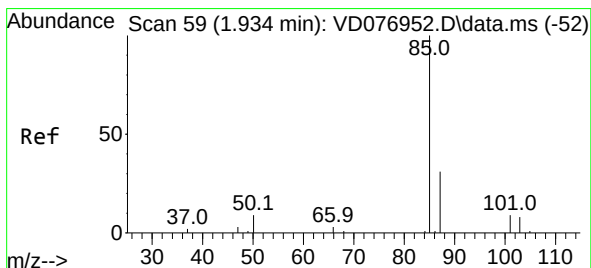
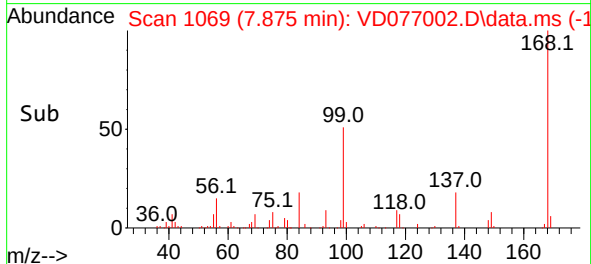
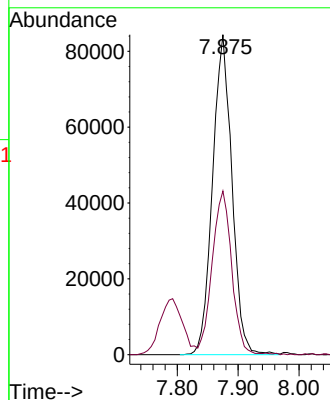
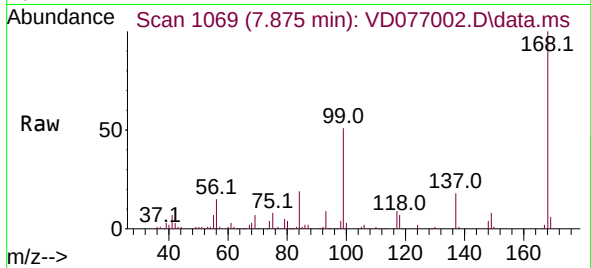




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD077002.D
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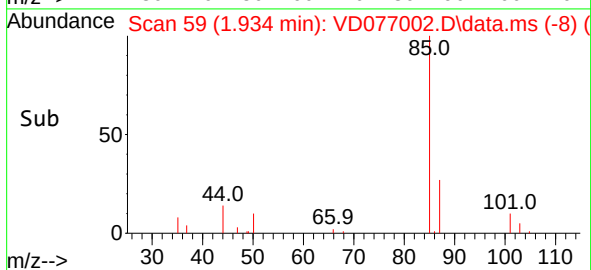
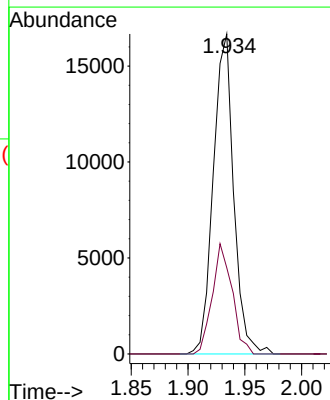
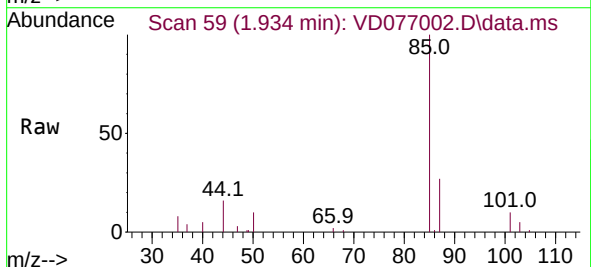
Instrument :
MSVOA_D
ClientSampleId :
VD0814SBSD01

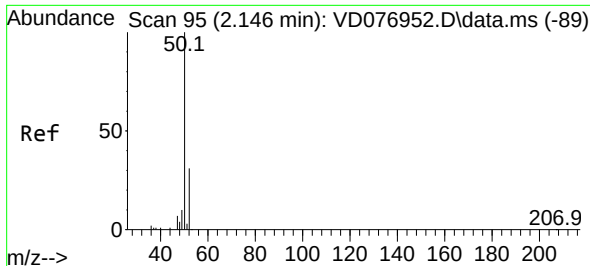
Tgt Ion:168 Resp: 186434
Ion Ratio Lower Upper
168 100
99 51.1 36.7 55.1



#2
Dichlorodifluoromethane
Concen: 19.651 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD077002.D
Acq: 14 Aug 2023 15:42

Tgt Ion: 85 Resp: 20833
Ion Ratio Lower Upper
85 100
87 27.0 15.7 47.0

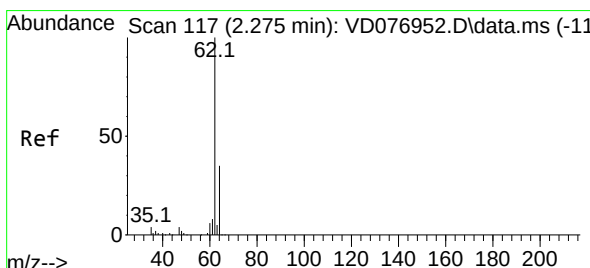
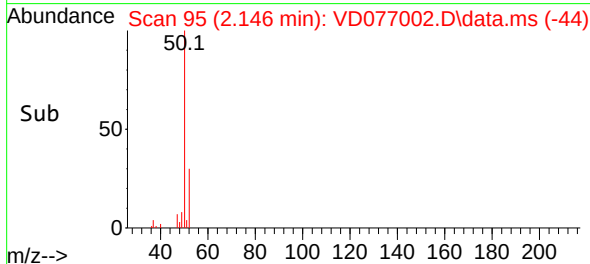
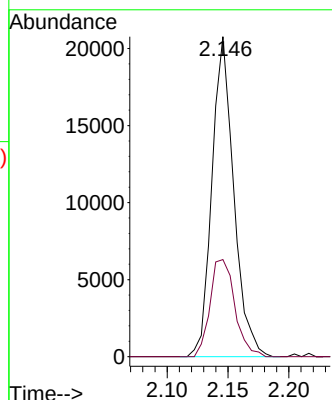
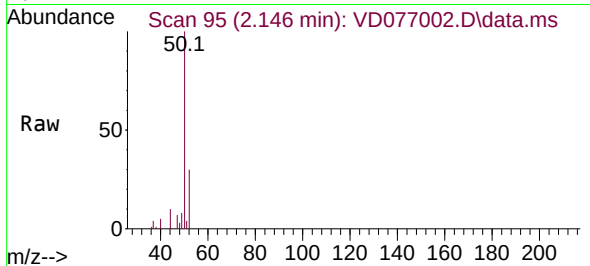




#3
Chloromethane
Concen: 16.337 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD077002.D
Acq: 14 Aug 2023 15:42

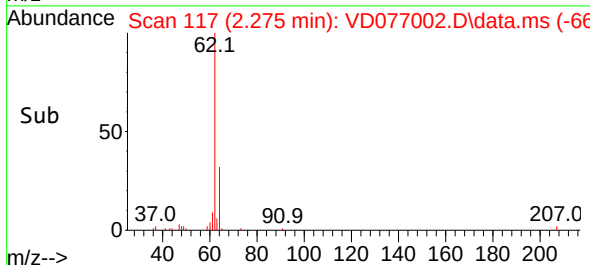
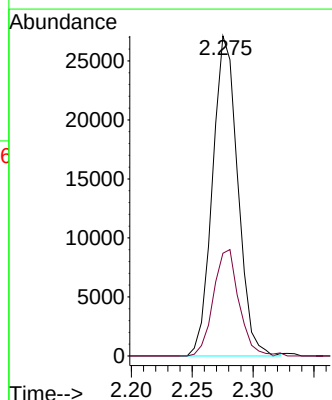
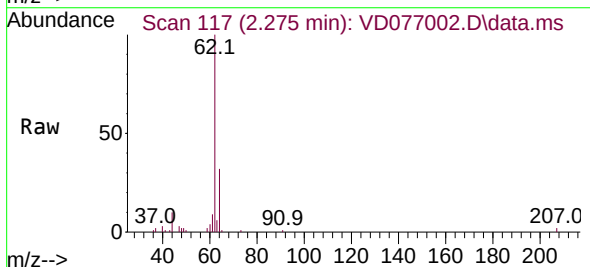
Instrument :
MSVOA_D
ClientSampleId :
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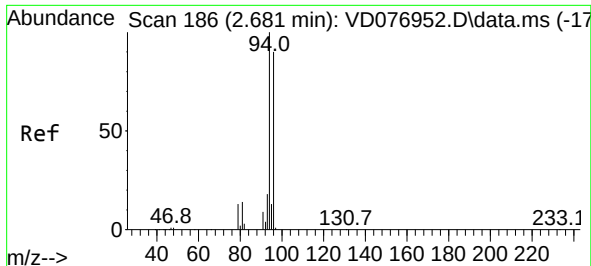
Tgt Ion: 50 Resp: 25836
Ion Ratio Lower Upper
50 100
52 30.3 26.6 40.0



#4
Vinyl Chloride
Concen: 16.808 ug/l
RT: 2.275 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD077002.D
Acq: 14 Aug 2023 15:42

Tgt Ion: 62 Resp: 39170
Ion Ratio Lower Upper
62 100
64 32.1 26.0 39.0

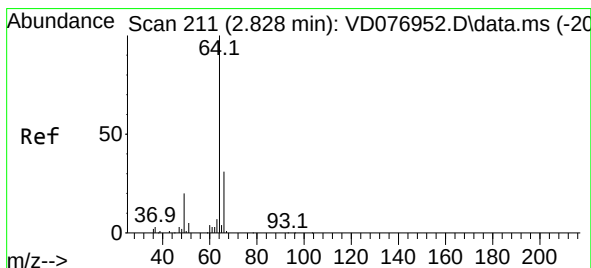
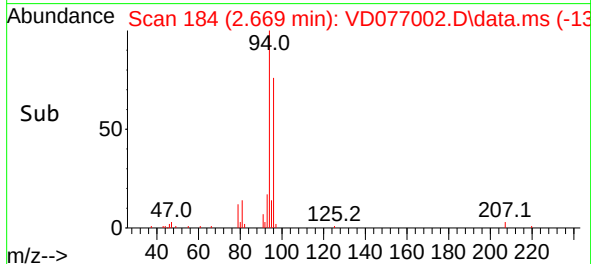
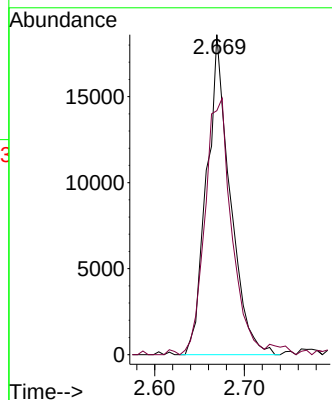
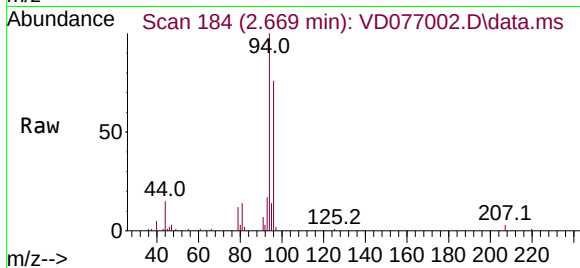




#5
Bromomethane
Concen: 16.032 ug/l
RT: 2.669 min Scan# 11
Delta R.T. -0.012 min
Lab File: VD077002.D
Acq: 14 Aug 2023 15:42

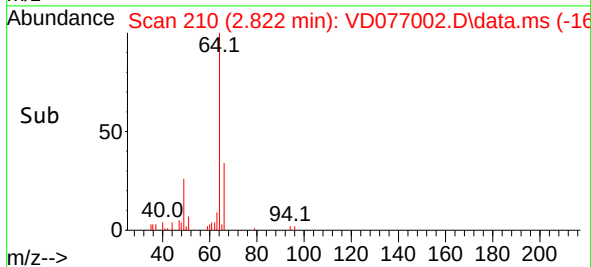
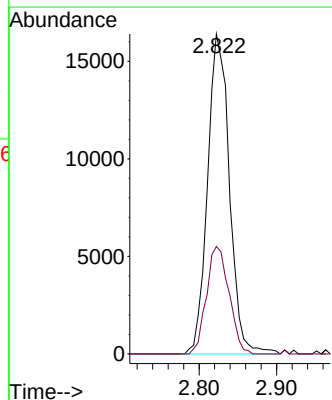
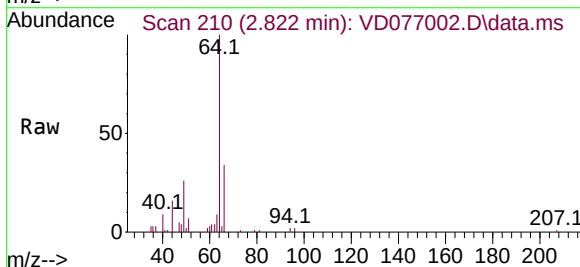
Instrument :
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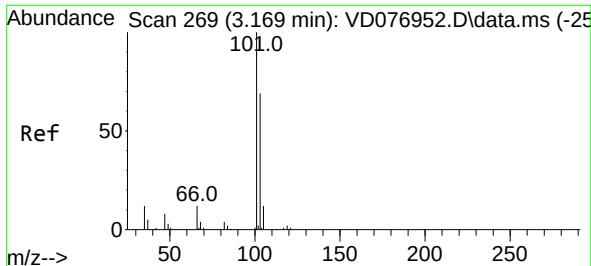
Tgt Ion: 94 Resp: 33790
Ion Ratio Lower Upper
94 100
96 90.9 75.8 113.8



#6
Chloroethane
Concen: 16.800 ug/l
RT: 2.822 min Scan# 210
Delta R.T. -0.006 min
Lab File: VD077002.D
Acq: 14 Aug 2023 15:42

Tgt Ion: 64 Resp: 32164
Ion Ratio Lower Upper
64 100
66 33.6 25.5 38.3

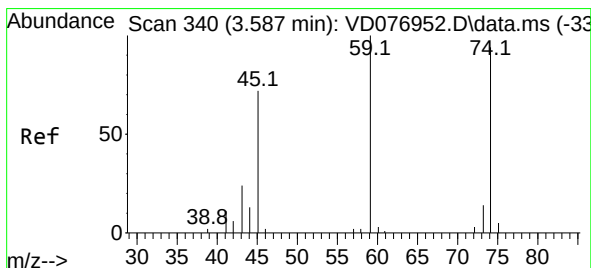
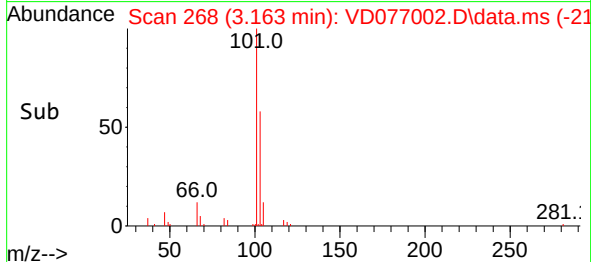
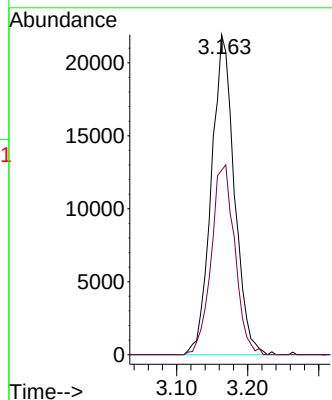
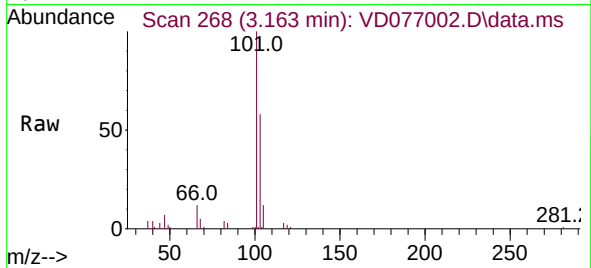




#7
Trichlorofluoromethane
Concen: 19.448 ug/l
RT: 3.163 min Scan# 20
Delta R.T. -0.006 min
Lab File: VD077002.D
Acq: 14 Aug 2023 15:42

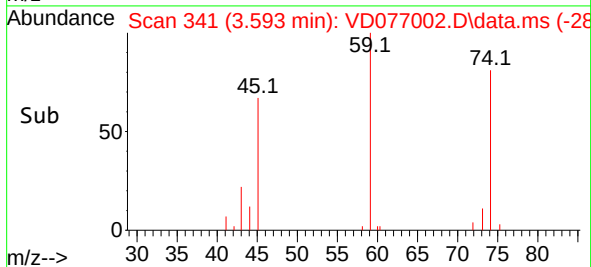
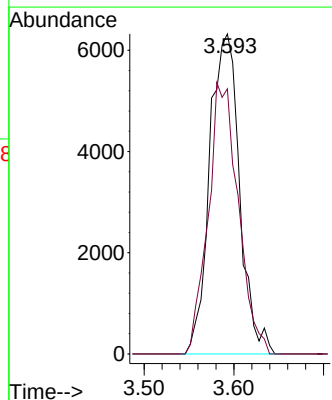
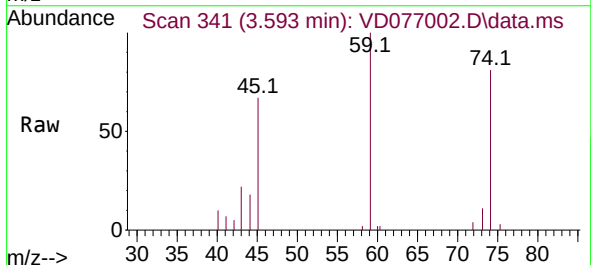
Instrument :
MSVOA_D
ClientSampleId :
VD0814SBSD01

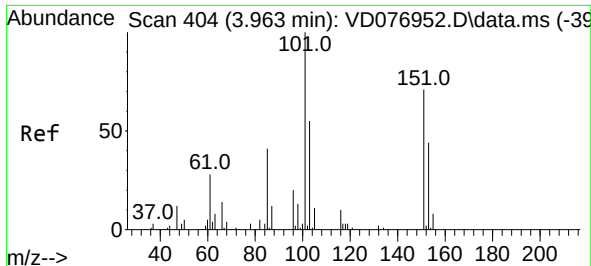
Tgt Ion:101 Resp: 49372
Ion Ratio Lower Upper
101 100
103 57.7 52.3 78.5



#8
Diethyl Ether
Concen: 17.919 ug/l
RT: 3.593 min Scan# 341
Delta R.T. 0.006 min
Lab File: VD077002.D
Acq: 14 Aug 2023 15:42

Tgt Ion: 74 Resp: 14637
Ion Ratio Lower Upper
74 100
45 85.4 37.5 112.7

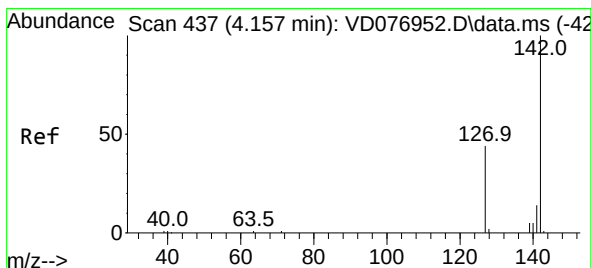
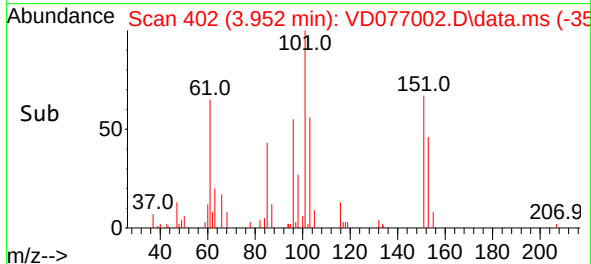
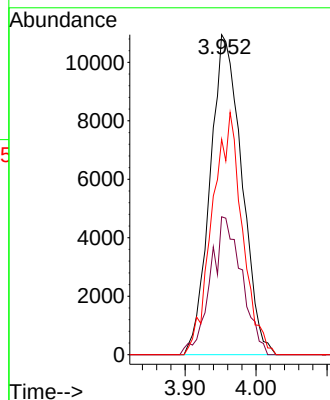
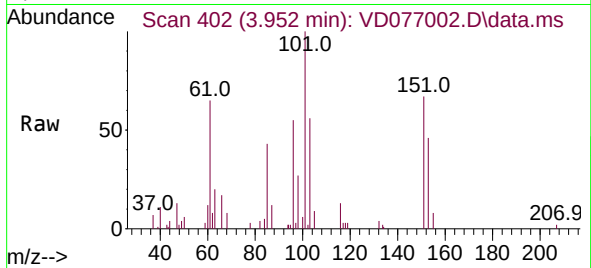




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.509 ug/l
RT: 3.952 min Scan# 401
Delta R.T. -0.011 min
Lab File: VD077002.D
Acq: 14 Aug 2023 15:42

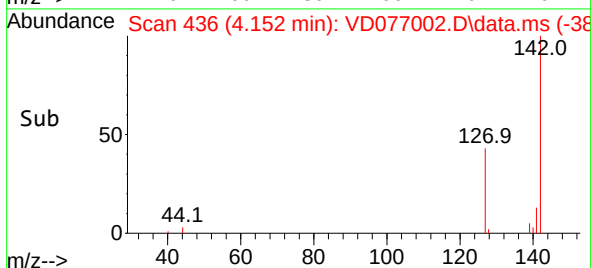
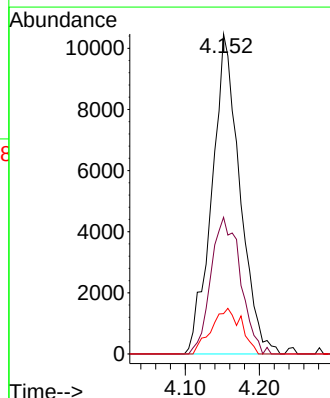
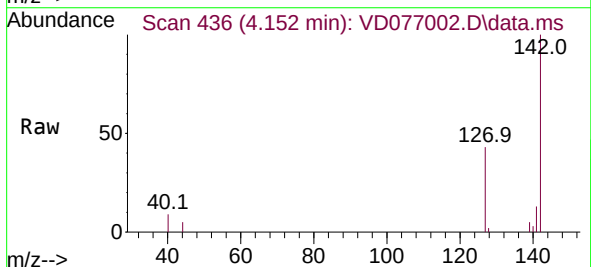
Instrument :
MSVOA_D
ClientSampleId :
VD0814SBSD01

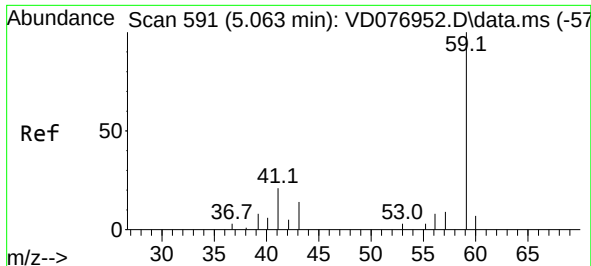
Tgt Ion:101	Resp:	33917
Ion Ratio	Lower	Upper
101	100	
85	42.5	33.8 50.6
151	71.7	59.8 89.6



#10
Methyl Iodide
Concen: 16.351 ug/l
RT: 4.152 min Scan# 436
Delta R.T. -0.005 min
Lab File: VD077002.D
Acq: 14 Aug 2023 15:42

Tgt Ion:142	Resp:	27375
Ion Ratio	Lower	Upper
142	100	
127	45.4	29.4 44.0#
141	15.3	11.1 16.7

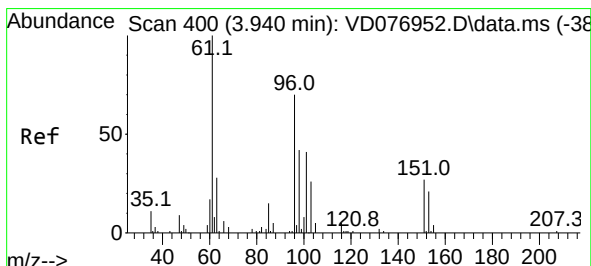
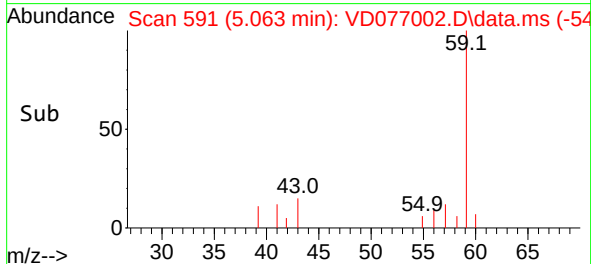
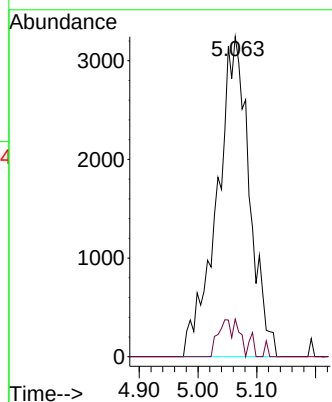
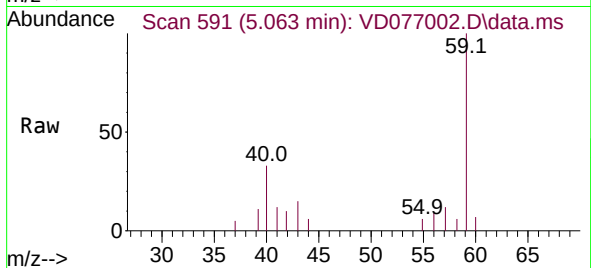




#11
Tert butyl alcohol
Concen: 113.650 ug/l
RT: 5.063 min Scan# 591
Delta R.T. 0.000 min
Lab File: VD077002.D
Acq: 14 Aug 2023 15:42

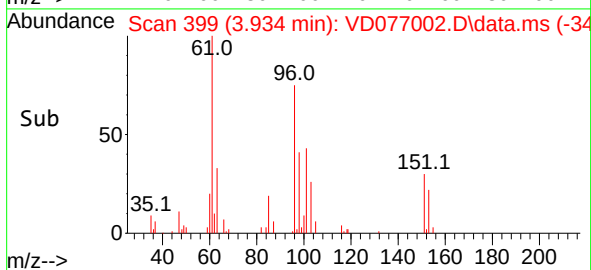
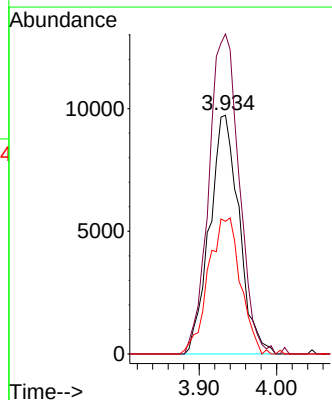
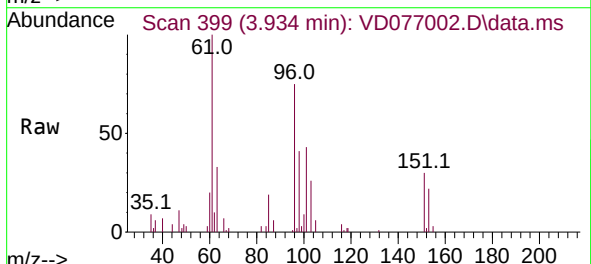
Instrument :
MSVOA_D
ClientSampleId :
VD0814SBSD01

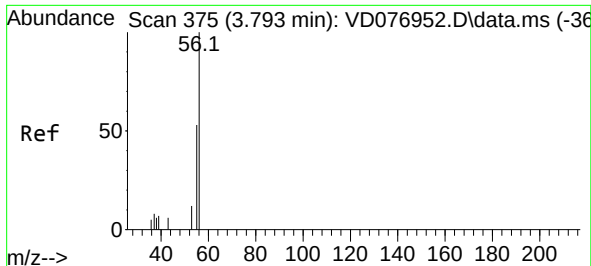
Tgt Ion: 59 Resp: 12442
Ion Ratio Lower Upper
59 100
57 4.7 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 18.059 ug/l
RT: 3.934 min Scan# 399
Delta R.T. -0.006 min
Lab File: VD077002.D
Acq: 14 Aug 2023 15:42

Tgt Ion: 96 Resp: 25767
Ion Ratio Lower Upper
96 100
61 134.1 100.6 150.8
98 55.6 50.2 75.2





#13

Acrolein

Concen: 121.626 ug/l

RT: 3.793 min Scan# 31

Delta R.T. -0.000 min

Lab File: VD077002.D

Acq: 14 Aug 2023 15:42

Instrument :

MSVOA_D

ClientSampleId :

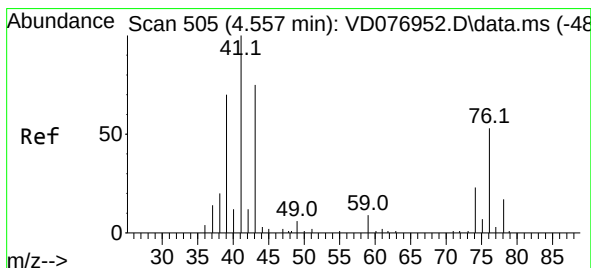
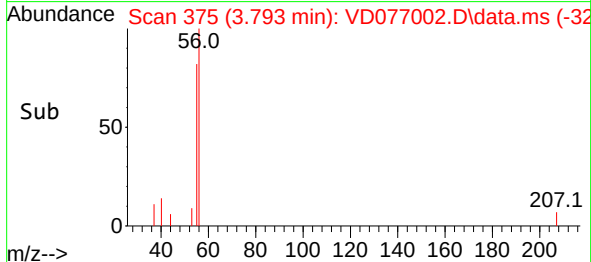
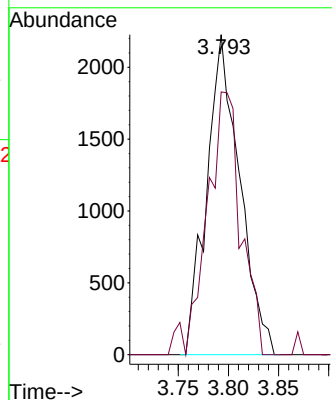
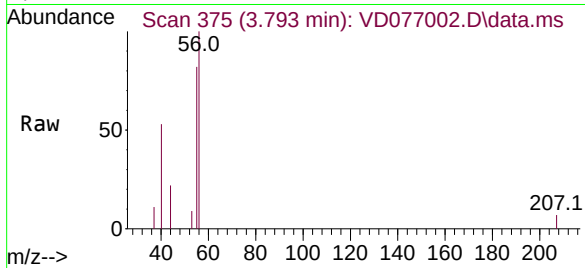
VD0814SBSD01

Tgt Ion: 56 Resp: 5096

Ion Ratio Lower Upper

56 100

55 84.8 55.1 82.7#



#14

Allyl chloride

Concen: 18.131 ug/l

RT: 4.557 min Scan# 505

Delta R.T. 0.000 min

Lab File: VD077002.D

Acq: 14 Aug 2023 15:42

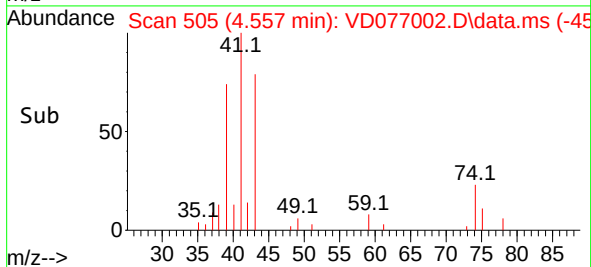
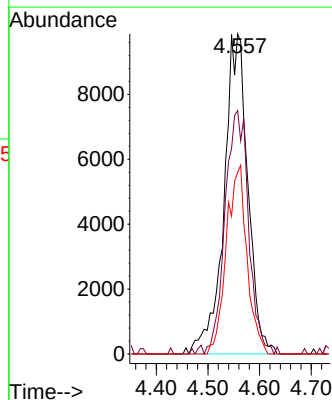
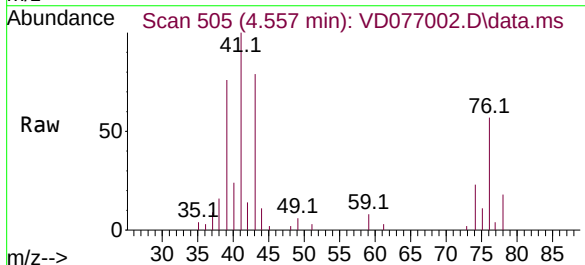
Tgt Ion: 41 Resp: 31772

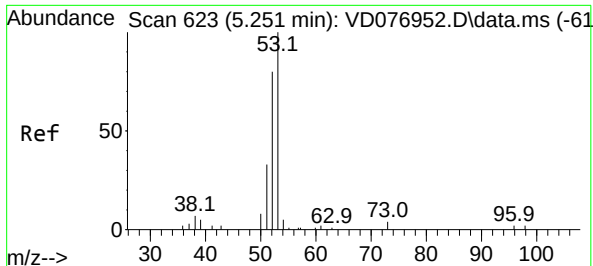
Ion Ratio Lower Upper

41 100

39 74.7 53.8 80.6

76 50.6 45.8 68.8

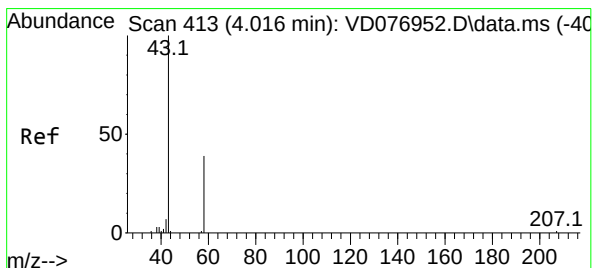
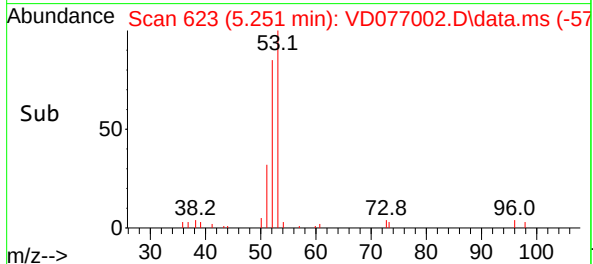
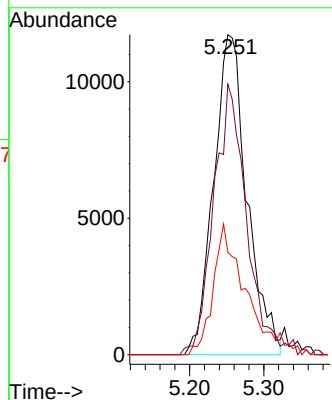
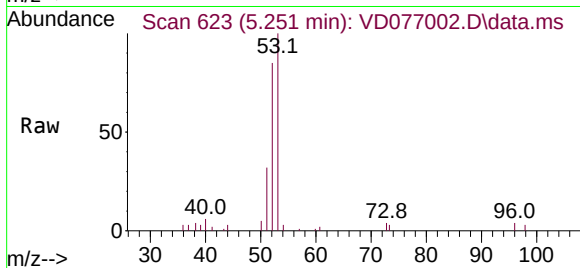




#15
Acrylonitrile
Concen: 90.217 ug/l
RT: 5.251 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD077002.D
Acq: 14 Aug 2023 15:42

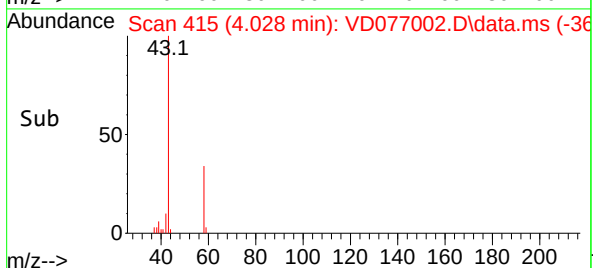
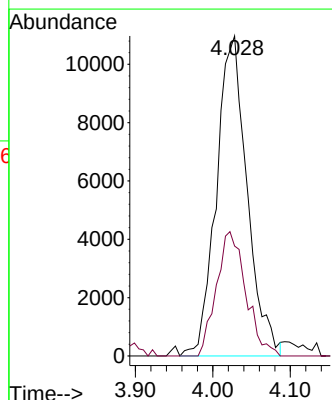
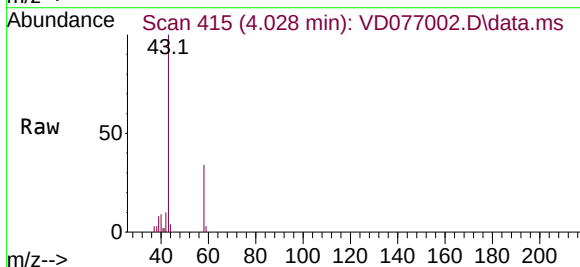
Instrument :
MSVOA_D
ClientSampleId :
VD0814SBS01

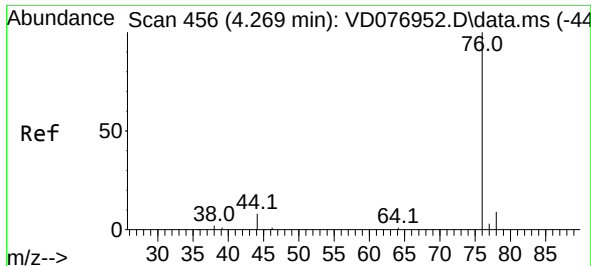
Tgt Ion:	53	Resp:	36645
Ion	Ratio	Lower	Upper
53	100		
52	83.2	65.0	97.4
51	40.0	28.3	42.5



#16
Acetone
Concen: 86.932 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.012 min
Lab File: VD077002.D
Acq: 14 Aug 2023 15:42

Tgt Ion:	43	Resp:	30284
Ion	Ratio	Lower	Upper
43	100		
58	34.3	34.7	52.1#

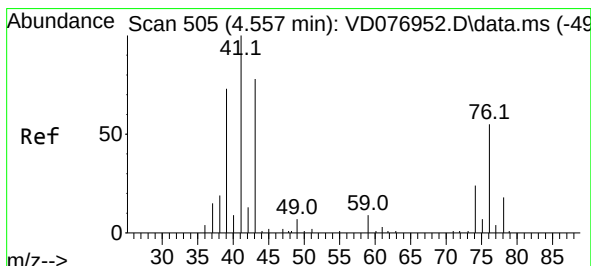
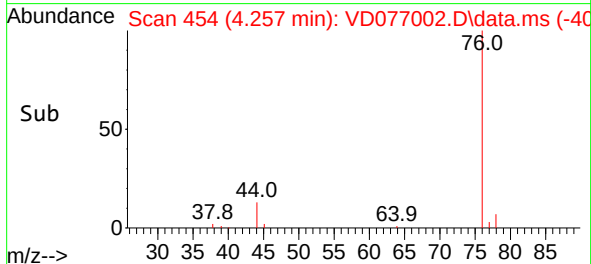
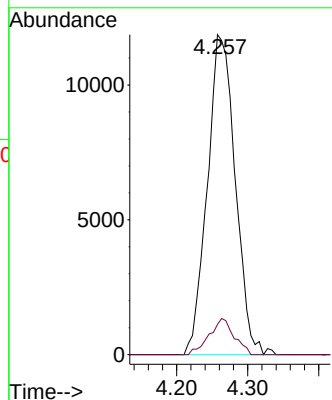
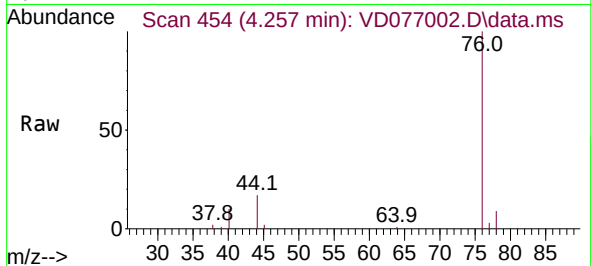




#17
Carbon Disulfide
Concen: 13.416 ug/l
RT: 4.257 min Scan# 41
Delta R.T. -0.012 min
Lab File: VD077002.D
Acq: 14 Aug 2023 15:42

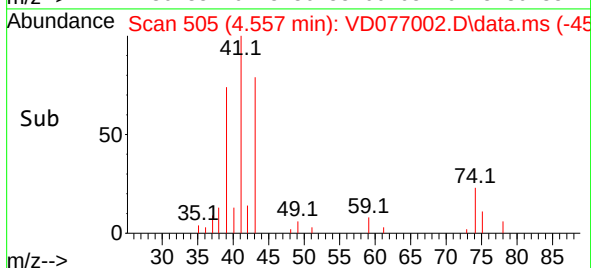
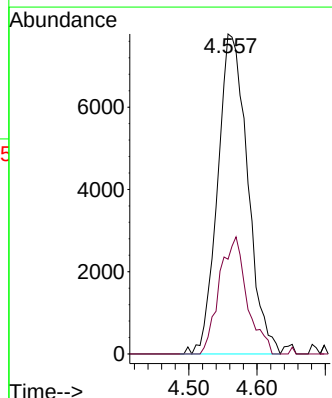
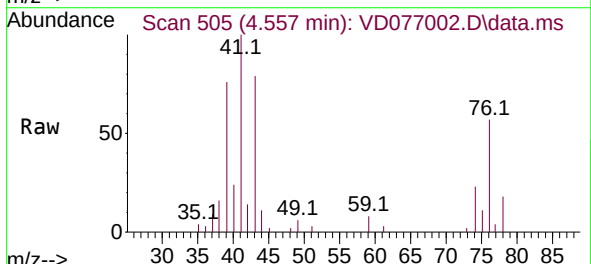
Instrument :
MSVOA_D
ClientSampleId :
VD0814SBSD01

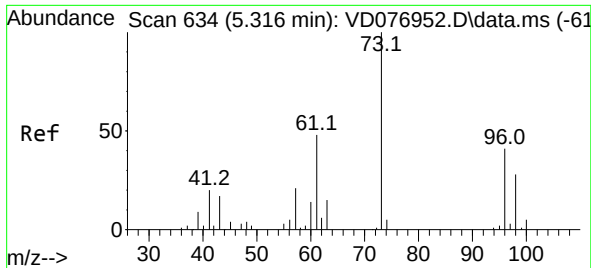
Tgt Ion: 76 Resp: 32403
Ion Ratio Lower Upper
76 100
78 9.4 6.8 10.2



#18
Methyl Acetate
Concen: 17.307 ug/l
RT: 4.557 min Scan# 505
Delta R.T. 0.000 min
Lab File: VD077002.D
Acq: 14 Aug 2023 15:42

Tgt Ion: 43 Resp: 23768
Ion Ratio Lower Upper
43 100
74 33.7 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 19.245 ug/l

RT: 5.316 min Scan# 61

Delta R.T. 0.000 min

Lab File: VD077002.D

Acq: 14 Aug 2023 15:42

Instrument :

MSVOA_D

ClientSampleId :

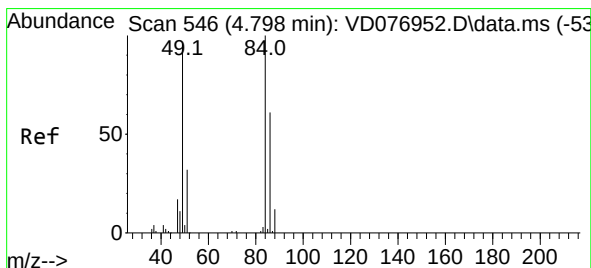
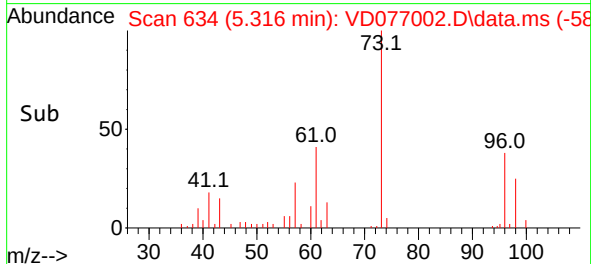
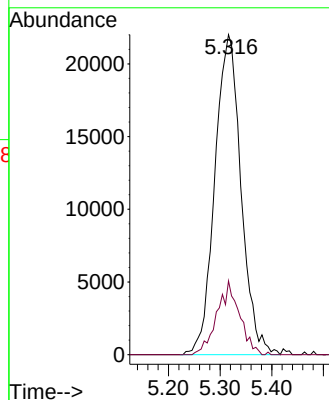
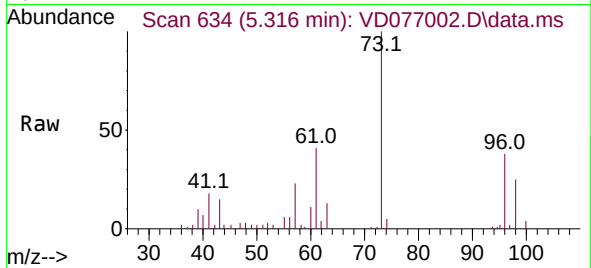
VD0814SBS01

Tgt Ion: 73 Resp: 77508

Ion Ratio Lower Upper

73 100

57 23.1 16.6 25.0



#20

Methylene Chloride

Concen: 12.274 ug/l

RT: 4.799 min Scan# 546

Delta R.T. 0.001 min

Lab File: VD077002.D

Acq: 14 Aug 2023 15:42

Tgt Ion: 84 Resp: 47193

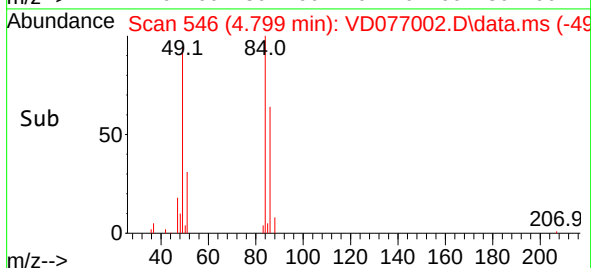
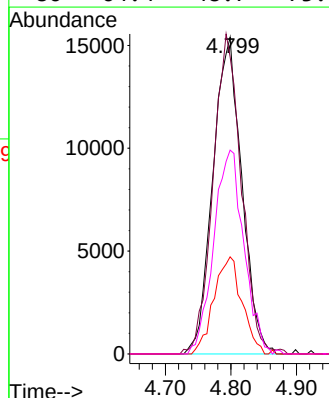
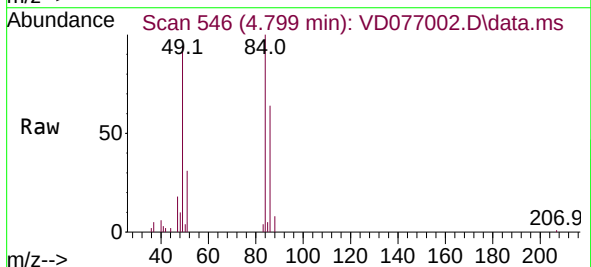
Ion Ratio Lower Upper

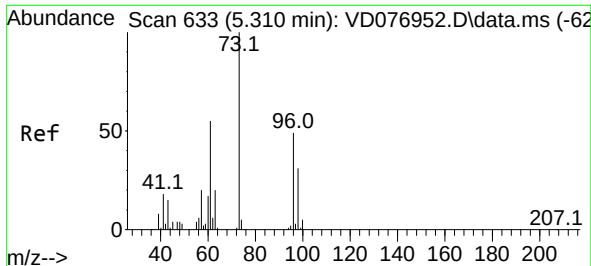
84 100

49 93.8 71.4 107.2

51 30.6 24.5 36.7

86 64.4 48.7 73.1

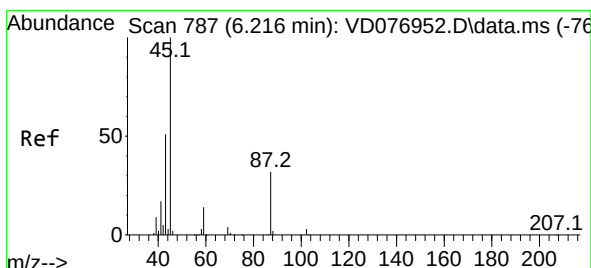
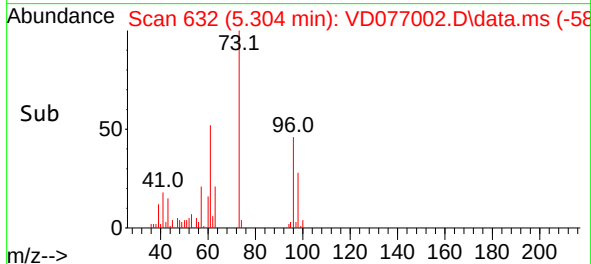
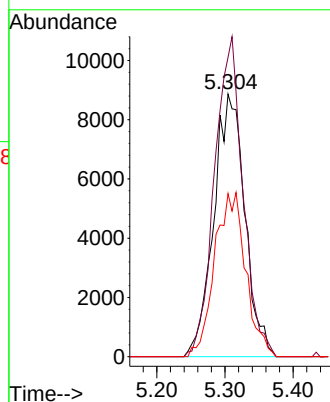
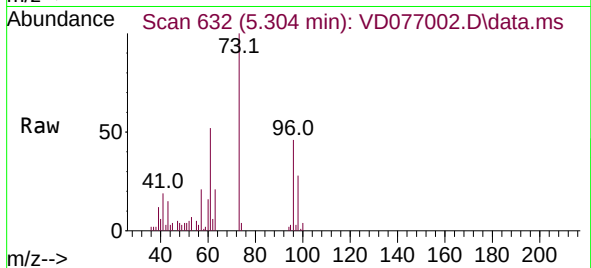




#21
trans-1,2-Dichloroethene
Concen: 17.266 ug/l
RT: 5.304 min Scan# 611
Delta R.T. -0.006 min
Lab File: VD077002.D
Acq: 14 Aug 2023 15:42

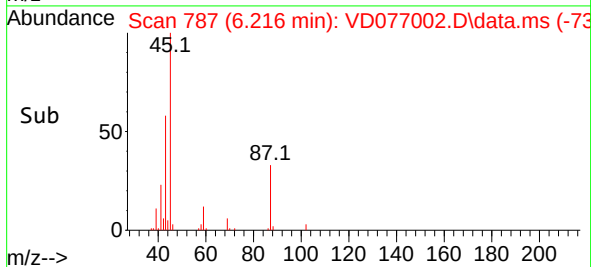
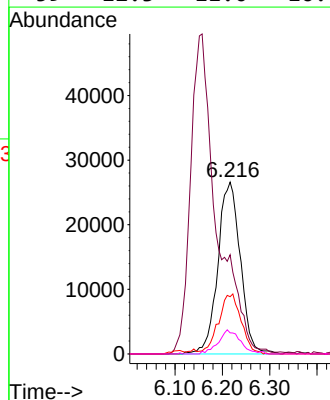
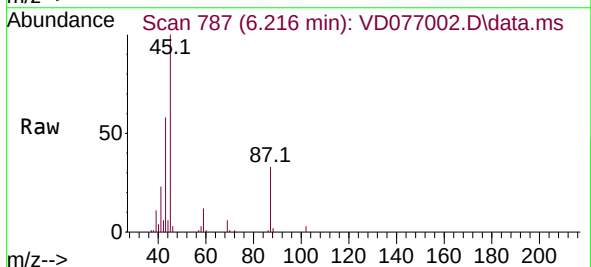
Instrument :
MSVOA_D
ClientSampleId :
VD0814SBSD01

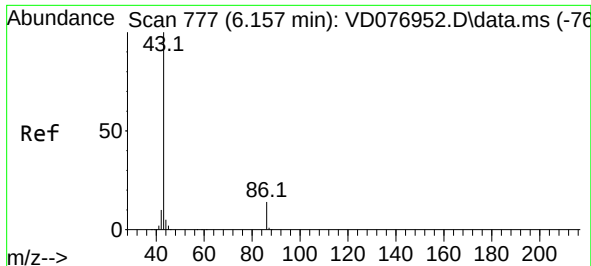
Tgt Ion: 96 Resp: 28141
Ion Ratio Lower Upper
96 100
61 114.0 89.3 133.9
98 62.1 48.6 73.0



#22
Diisopropyl ether
Concen: 19.197 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD077002.D
Acq: 14 Aug 2023 15:42

Tgt Ion: 45 Resp: 87878
Ion Ratio Lower Upper
45 100
43 56.4 40.0 60.0
87 33.3 28.2 42.4
59 12.3 11.0 16.4

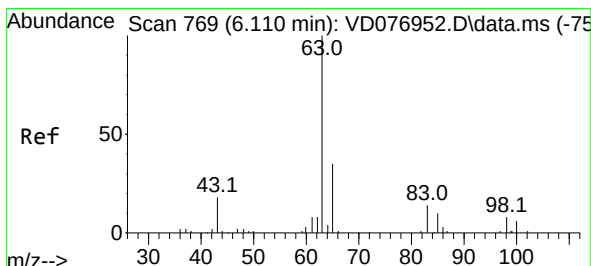
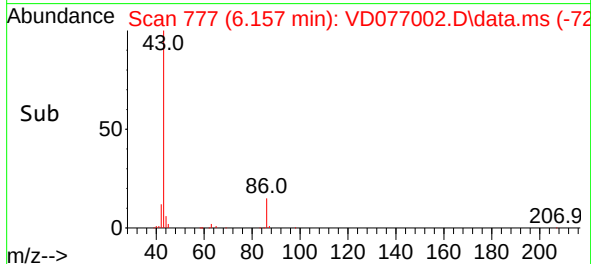
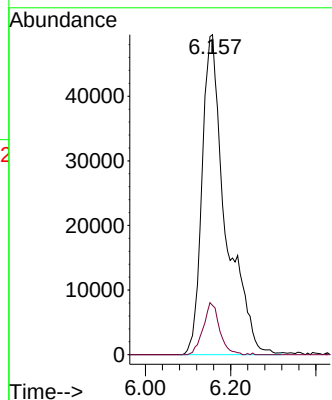
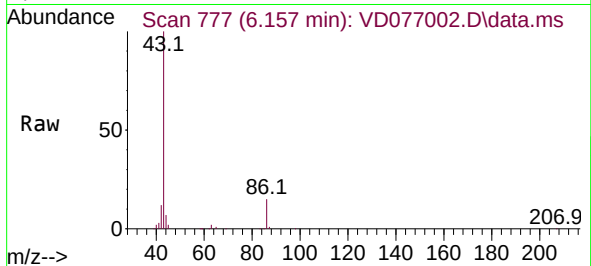




#23
 Vinyl Acetate
 Concen: 88.999 ug/l
 RT: 6.157 min Scan# 777
 Delta R.T. 0.000 min
 Lab File: VD077002.D
 Acq: 14 Aug 2023 15:42

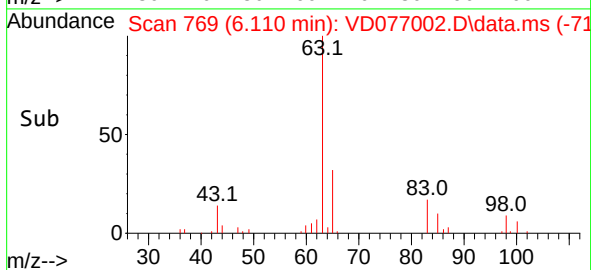
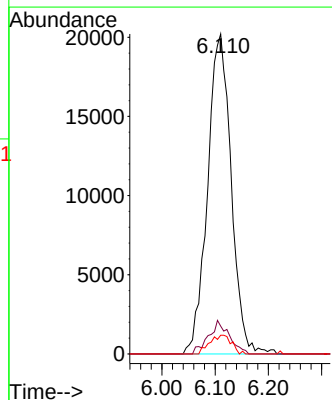
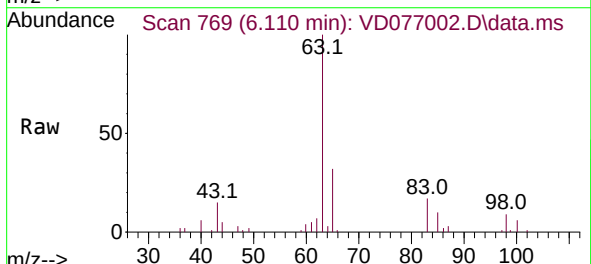
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0814SBS01

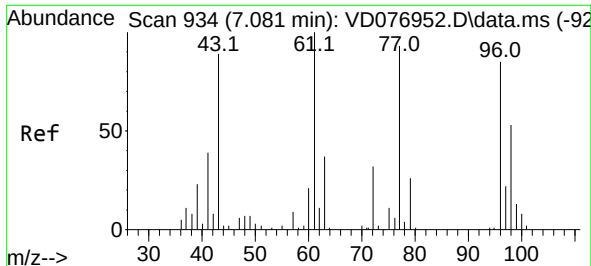
Tgt Ion: 43 Resp: 191076
 Ion Ratio Lower Upper
 43 100
 86 15.4 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 19.039 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VD077002.D
 Acq: 14 Aug 2023 15:42

Tgt Ion: 63 Resp: 62295
 Ion Ratio Lower Upper
 63 100
 98 8.7 4.5 13.7
 100 5.9 2.5 7.5

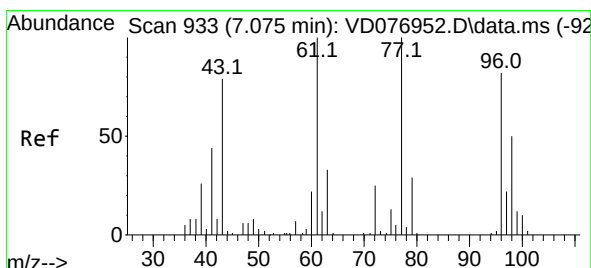
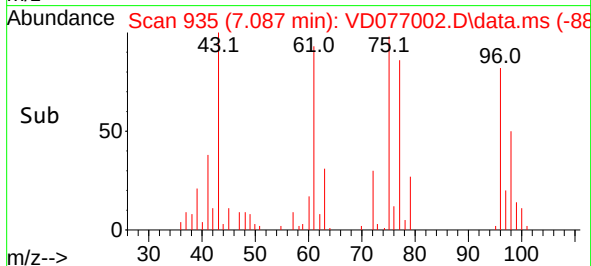
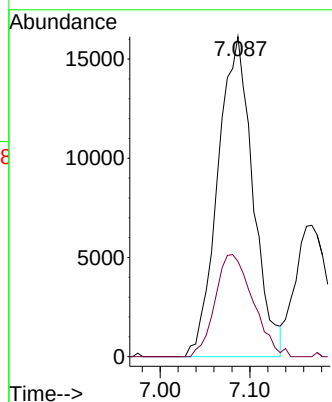
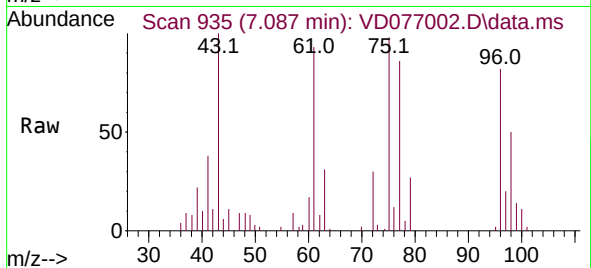




#25
2-Butanone
Concen: 89.211 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD077002.D
Acq: 14 Aug 2023 15:42

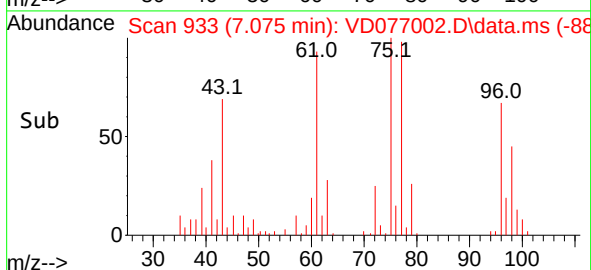
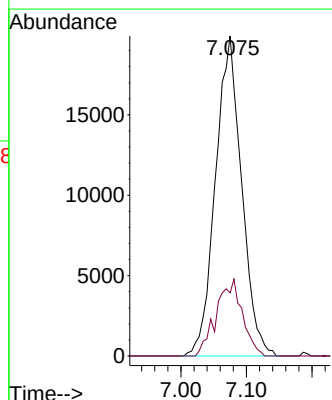
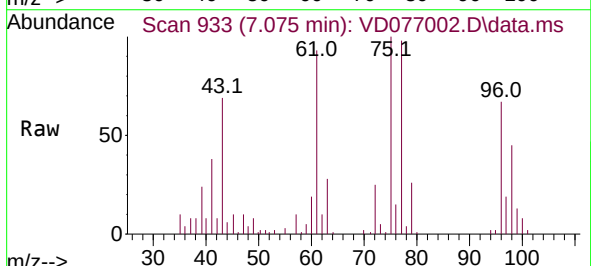
Instrument :
MSVOA_D
ClientSampleId :
VD0814SBSD01

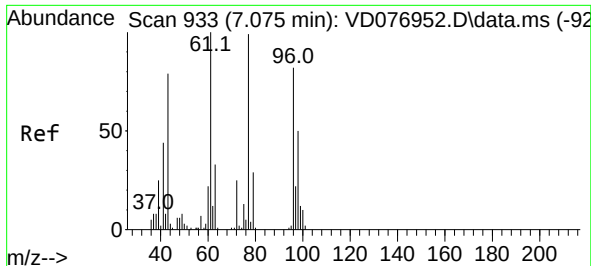
Tgt Ion: 43 Resp: 43886
Ion Ratio Lower Upper
43 100
72 29.7 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 18.577 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.000 min
Lab File: VD077002.D
Acq: 14 Aug 2023 15:42

Tgt Ion: 77 Resp: 55187
Ion Ratio Lower Upper
77 100
97 23.8 13.2 39.6

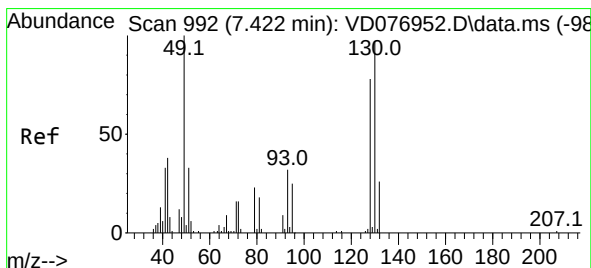
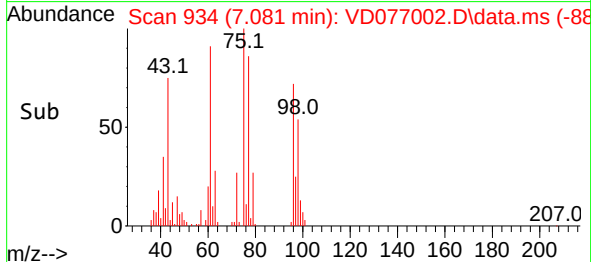
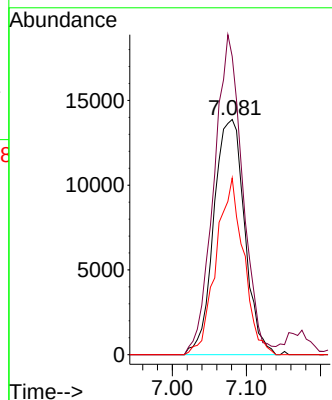
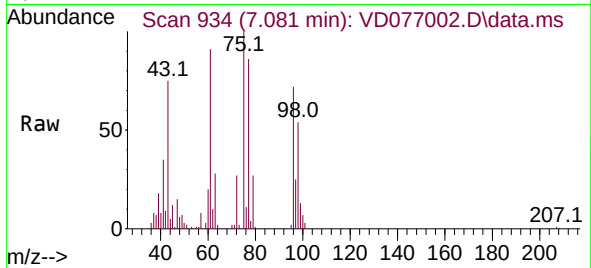




#27
 cis-1,2-Dichloroethene
 Concen: 17.943 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VD077002.D
 Acq: 14 Aug 2023 15:42

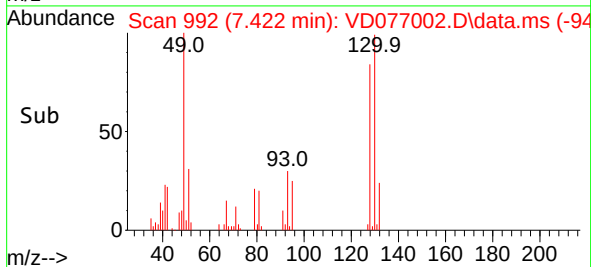
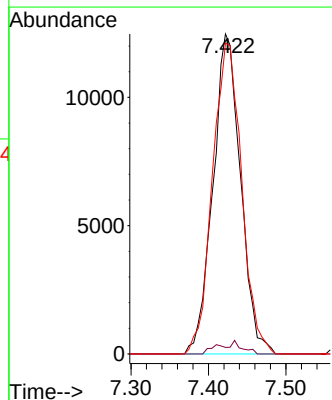
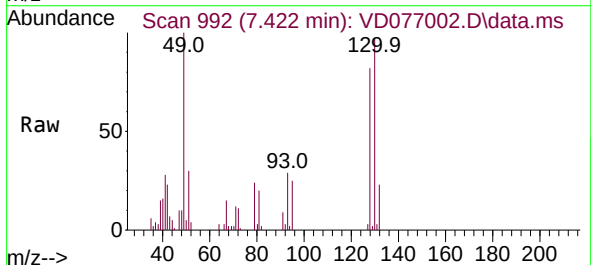
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0814SBSD01

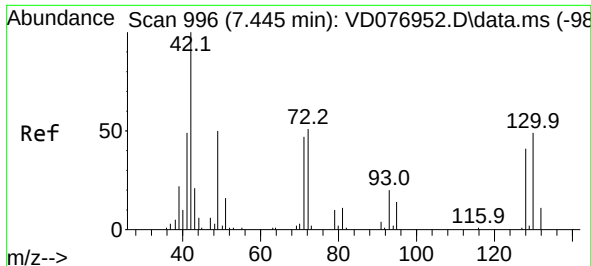
Tgt Ion: 96 Resp: 40129
 Ion Ratio Lower Upper
 96 100
 61 127.1 0.0 239.2
 98 67.3 0.0 128.6



#28
 Bromochloromethane
 Concen: 19.764 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. -0.000 min
 Lab File: VD077002.D
 Acq: 14 Aug 2023 15:42

Tgt Ion: 49 Resp: 30907
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 6.0
 130 102.6 83.2 124.8





#29

Tetrahydrofuran

Concen: 84.597 ug/l

RT: 7.451 min Scan# 996

Delta R.T. 0.006 min

Lab File: VD077002.D

Acq: 14 Aug 2023 15:42

Instrument :

MSVOA_D

ClientSampleId :

VD0814SBSD01

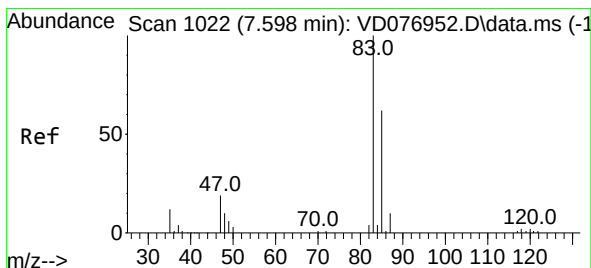
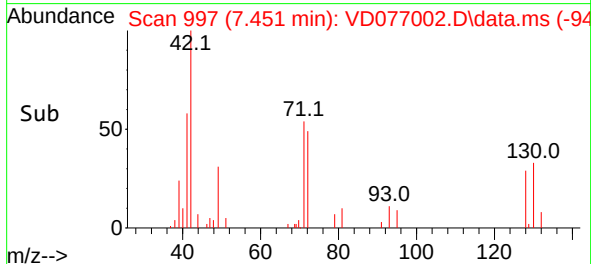
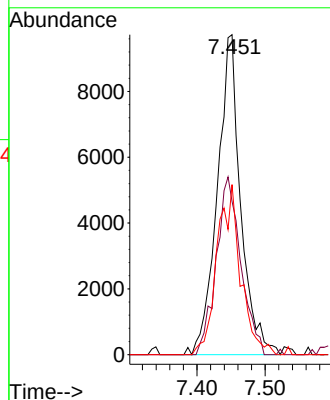
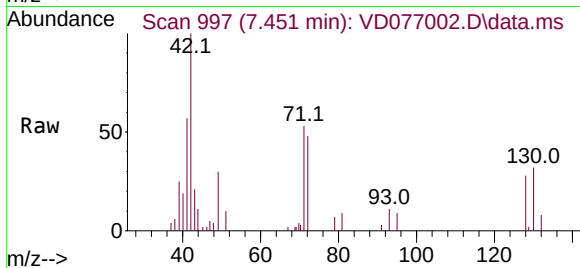
Tgt Ion: 42 Resp: 23239

Ion Ratio Lower Upper

42 100

72 58.3 46.5 69.7

71 53.7 44.5 66.7



#30

Chloroform

Concen: 19.721 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. -0.005 min

Lab File: VD077002.D

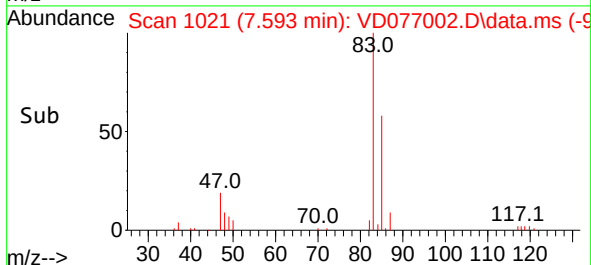
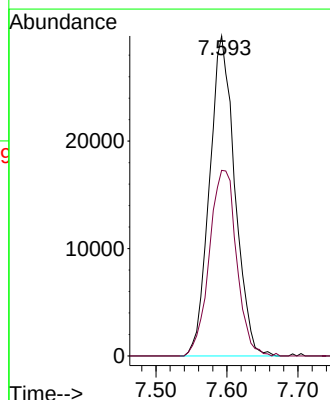
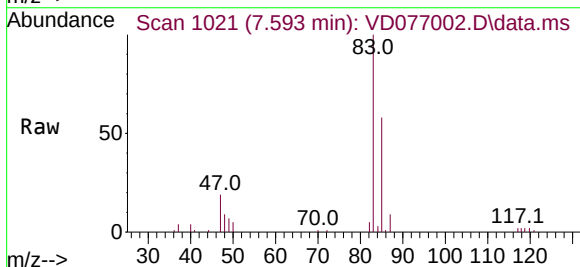
Acq: 14 Aug 2023 15:42

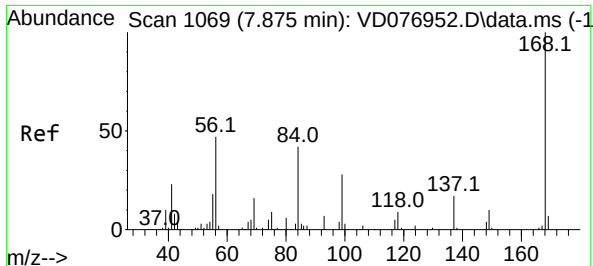
Tgt Ion: 83 Resp: 73618

Ion Ratio Lower Upper

83 100

85 58.0 53.4 80.2





#31

Cyclohexane

Concen: 17.202 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. 0.006 min

Lab File: VD077002.D

Acq: 14 Aug 2023 15:42

Instrument :

MSVOA_D

ClientSampleId :

VD0814SBSD01

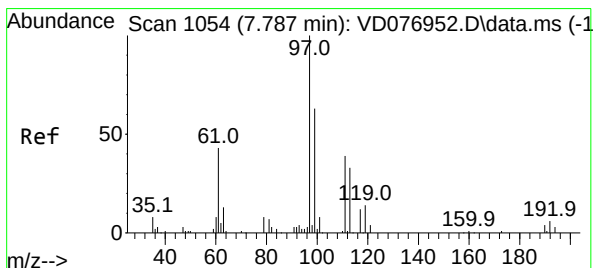
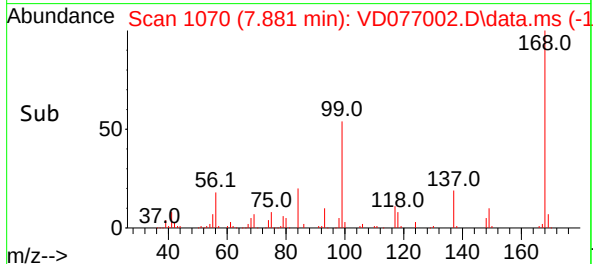
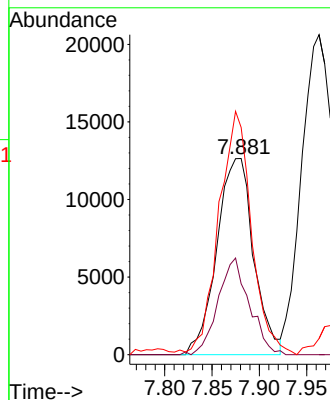
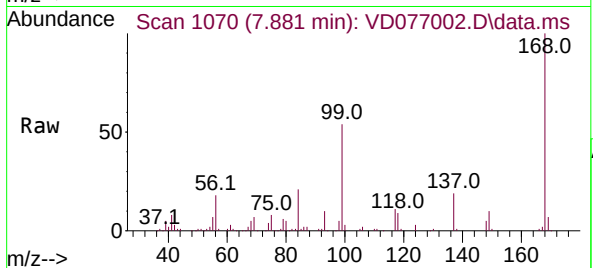
Tgt Ion: 56 Resp: 34195

Ion Ratio Lower Upper

56 100

69 36.1 28.6 43.0

84 113.5 84.8 127.2



#32

1,1,1-Trichloroethane

Concen: 19.423 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. 0.006 min

Lab File: VD077002.D

Acq: 14 Aug 2023 15:42

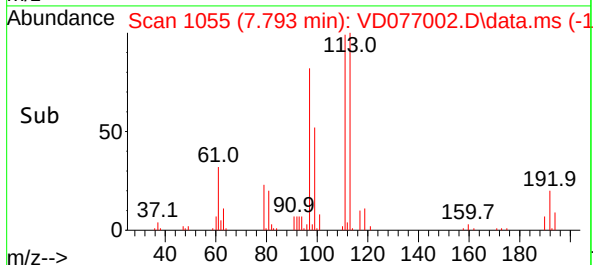
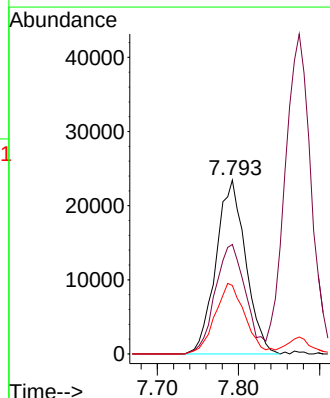
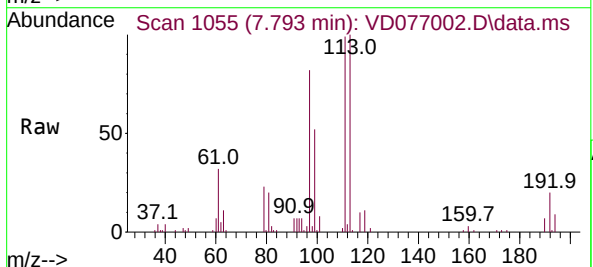
Tgt Ion: 97 Resp: 59503

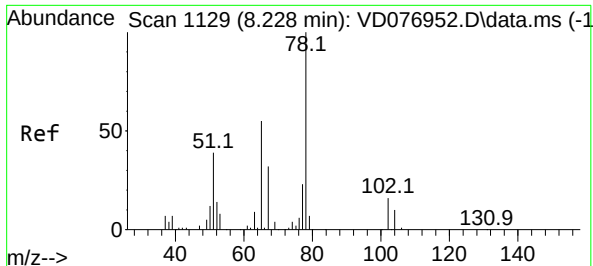
Ion Ratio Lower Upper

97 100

99 65.1 52.0 78.0

61 41.4 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 44.490 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD077002.D

Acq: 14 Aug 2023 15:42

Instrument :

MSVOA_D

ClientSampleId :

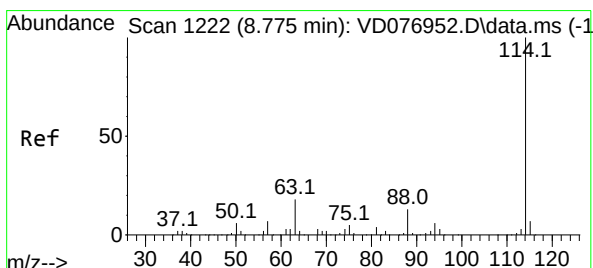
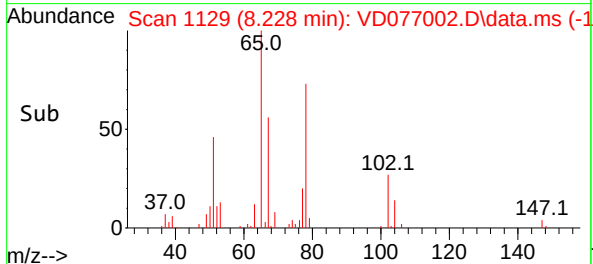
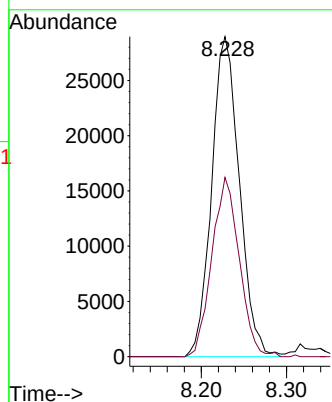
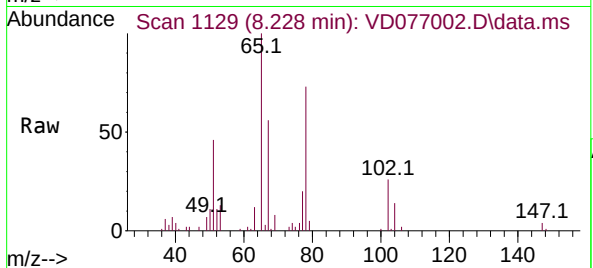
VD0814SBSD01

Tgt Ion: 65 Resp: 65432

Ion Ratio Lower Upper

65 100

67 55.3 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: VD077002.D

Acq: 14 Aug 2023 15:42

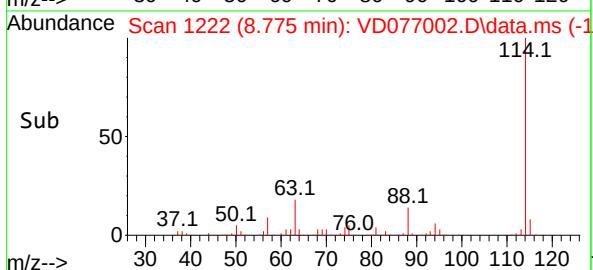
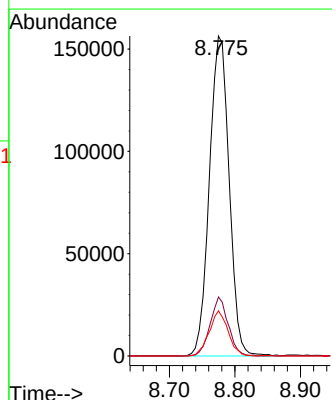
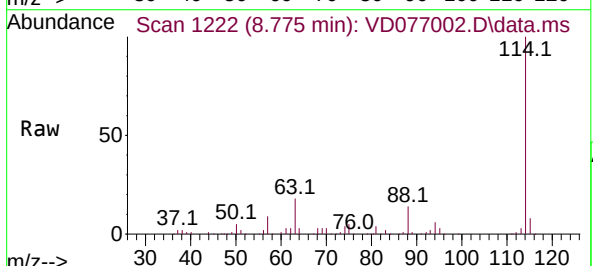
Tgt Ion: 114 Resp: 326913

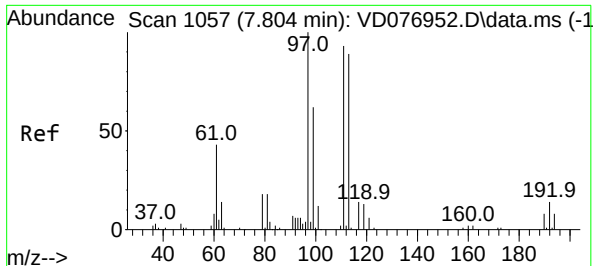
Ion Ratio Lower Upper

114 100

63 18.4 0.0 33.4

88 14.1 0.0 26.2





#35

Dibromofluoromethane

Concen: 48.824 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD077002.D

Acq: 14 Aug 2023 15:42

Instrument :

MSVOA_D

ClientSampleId :

VD0814SBSD01

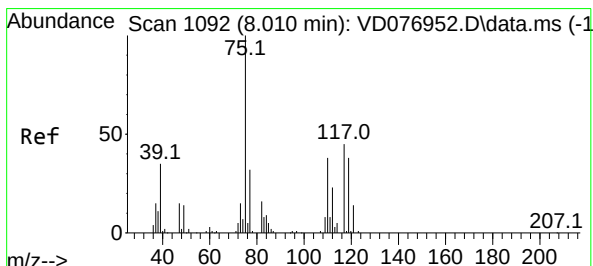
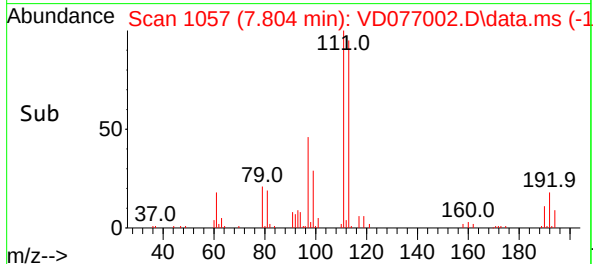
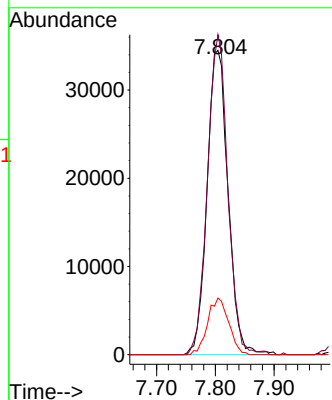
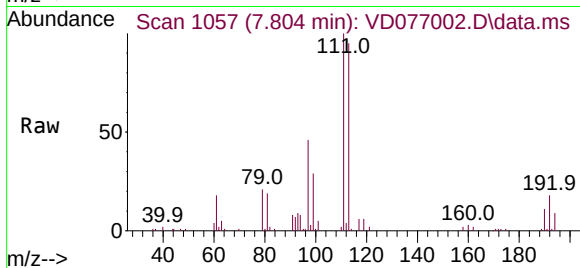
Tgt Ion:113 Resp: 85810

Ion Ratio Lower Upper

113 100

111 102.0 84.7 127.1

192 18.6 16.8 25.2



#36

1,1-Dichloropropene

Concen: 18.099 ug/l

RT: 8.004 min Scan# 1091

Delta R.T. -0.006 min

Lab File: VD077002.D

Acq: 14 Aug 2023 15:42

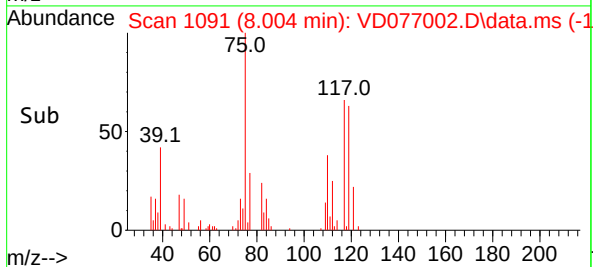
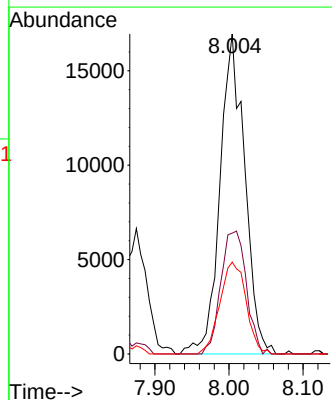
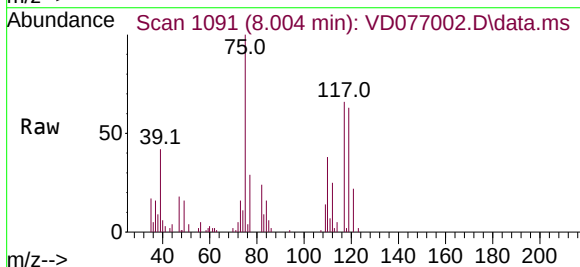
Tgt Ion: 75 Resp: 39335

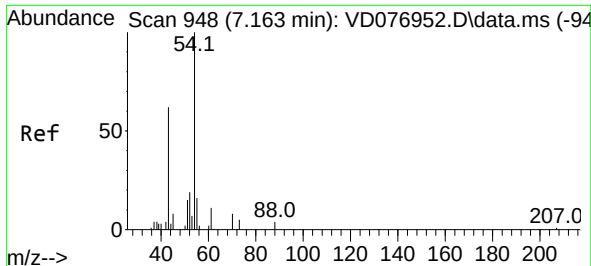
Ion Ratio Lower Upper

75 100

110 39.6 19.9 59.6

77 30.4 24.7 37.1





#37

Ethyl Acetate

Concen: 18.173 ug/l

RT: 7.169 min Scan# 948

Delta R.T. 0.006 min

Lab File: VD077002.D

Acq: 14 Aug 2023 15:42

Instrument :

MSVOA_D

ClientSampleId :

VD0814SBSD01

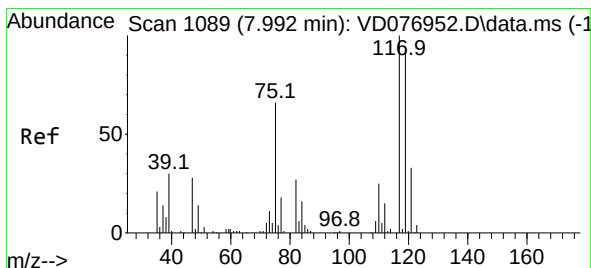
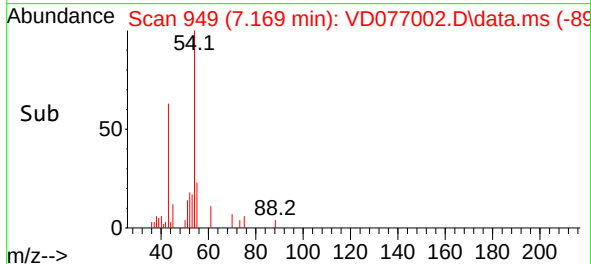
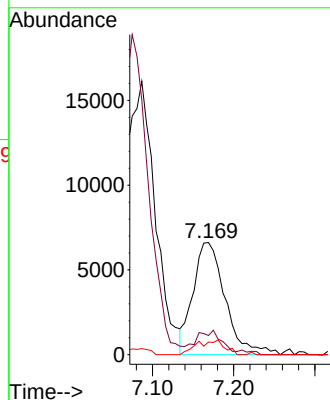
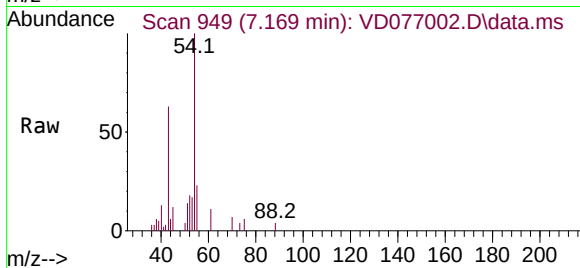
Tgt Ion: 43 Resp: 18225

Ion Ratio Lower Upper

43 100

61 14.0 14.9 22.3#

70 6.7 10.0 15.0#



#38

Carbon Tetrachloride

Concen: 19.599 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. 0.001 min

Lab File: VD077002.D

Acq: 14 Aug 2023 15:42

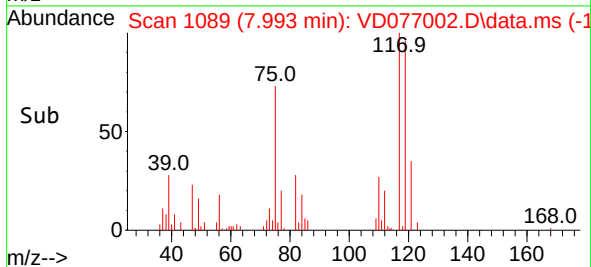
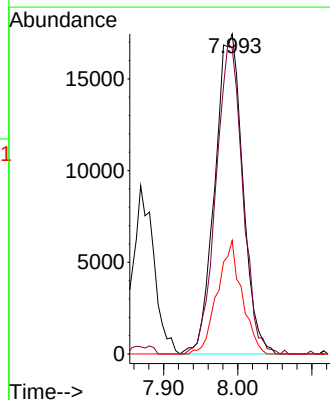
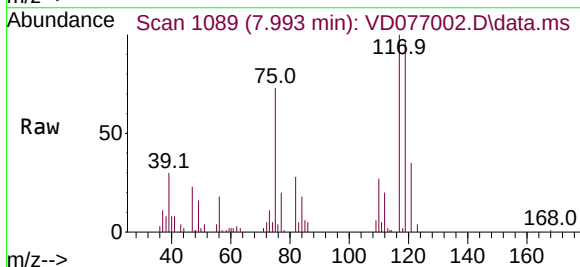
Tgt Ion: 117 Resp: 45589

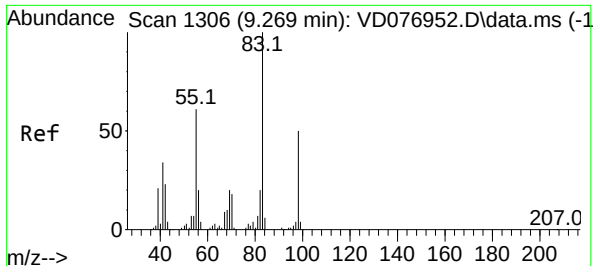
Ion Ratio Lower Upper

117 100

119 95.5 78.0 117.0

121 35.5 24.2 36.2





#39

Methylcyclohexane

Concen: 18.033 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. -0.000 min

Lab File: VD077002.D

Acq: 14 Aug 2023 15:42

Instrument :

MSVOA_D

ClientSampleId :

VD0814SBSD01

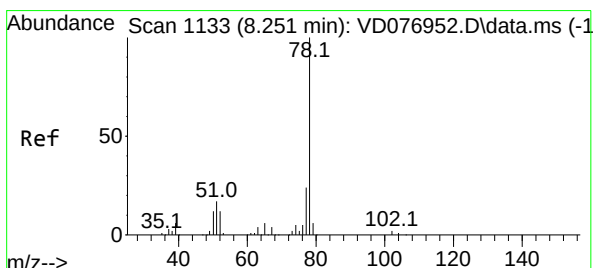
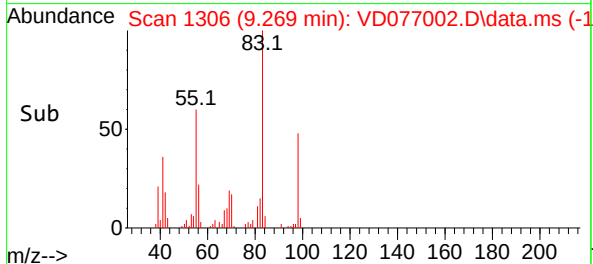
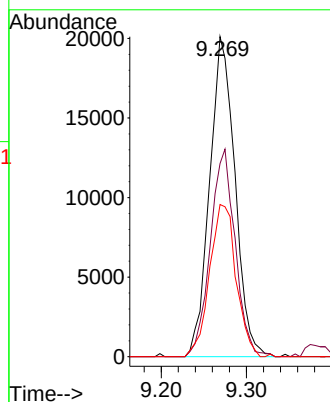
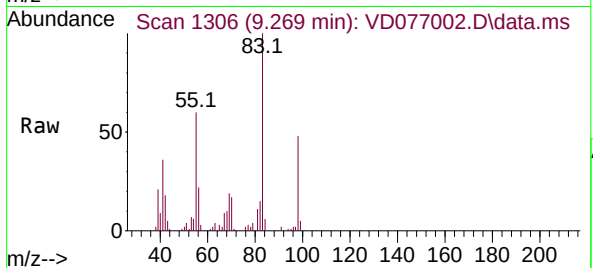
Tgt Ion: 83 Resp: 41524

Ion Ratio Lower Upper

83 100

55 60.4 49.4 74.0

98 47.5 38.4 57.6



#40

Benzene

Concen: 18.227 ug/l

RT: 8.245 min Scan# 1132

Delta R.T. -0.006 min

Lab File: VD077002.D

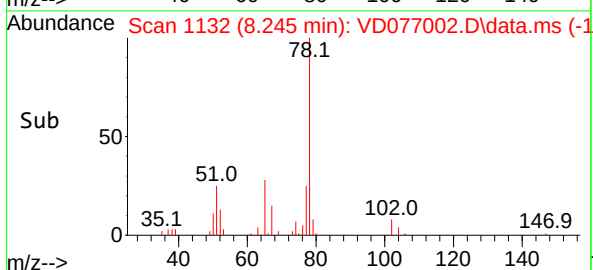
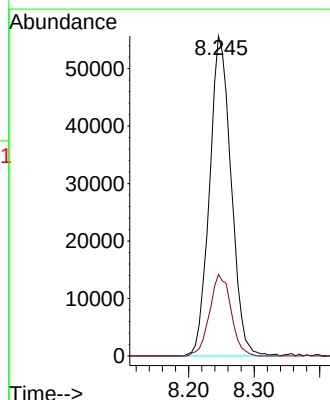
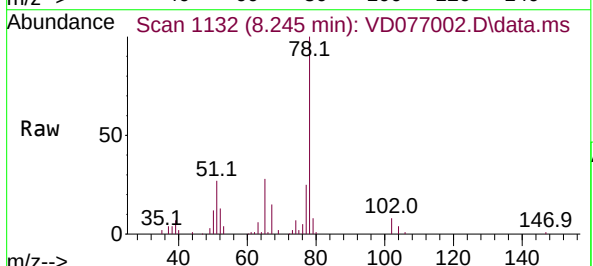
Acq: 14 Aug 2023 15:42

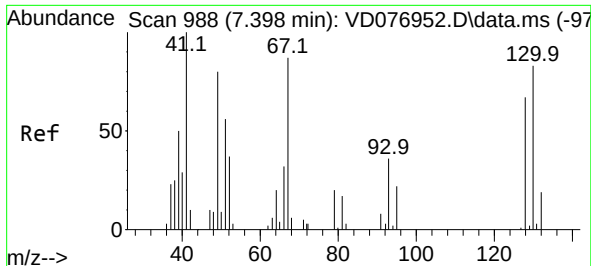
Tgt Ion: 78 Resp: 127370

Ion Ratio Lower Upper

78 100

77 25.5 19.4 29.0

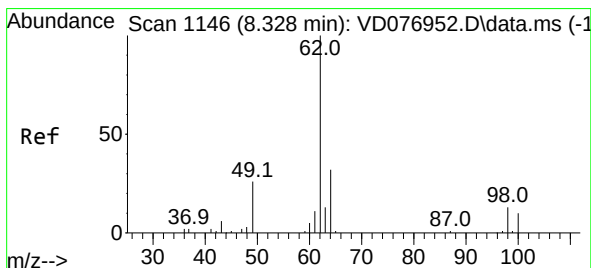
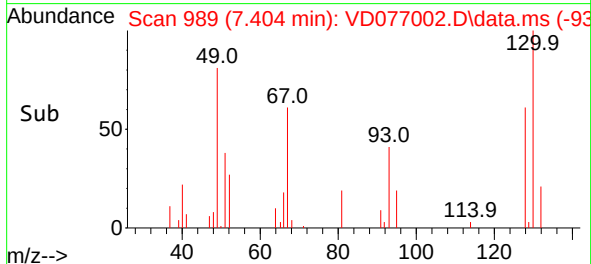
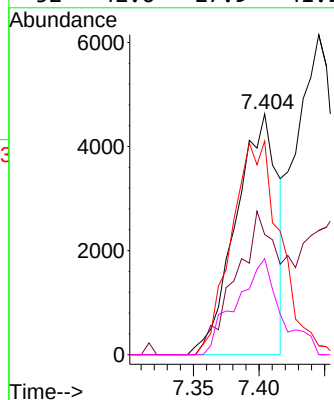
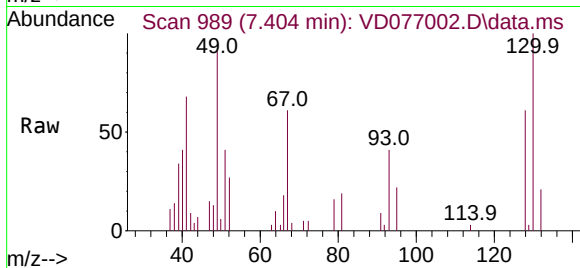




#41
Methacrylonitrile
Concen: 18.882 ug/l
RT: 7.404 min Scan# 911
Delta R.T. 0.006 min
Lab File: VD077002.D
Acq: 14 Aug 2023 15:42

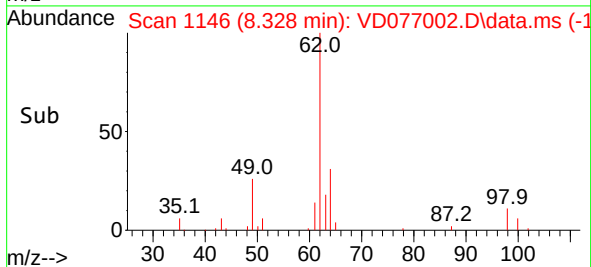
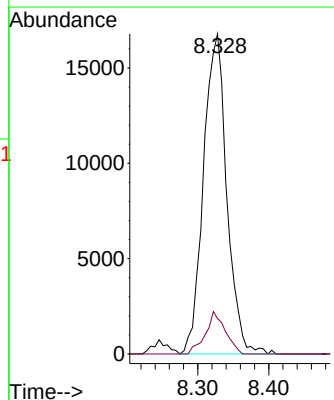
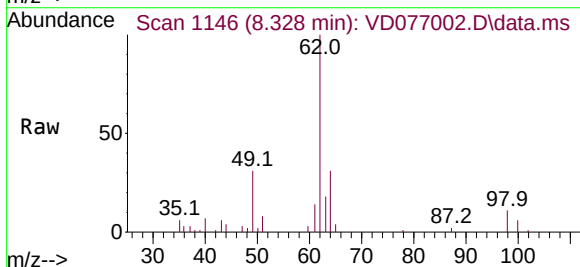
Instrument :
MSVOA_D
ClientSampleId :
VD0814SBSD01

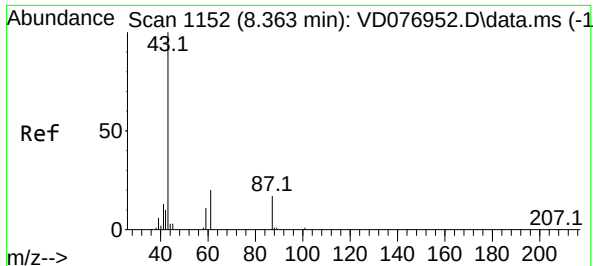
Tgt Ion: 41 Resp: 10218
Ion Ratio Lower Upper
41 100
39 69.6 34.0 51.0#
67 103.6 77.0 115.4
52 42.6 27.9 41.9#



#42
1,2-Dichloroethane
Concen: 20.415 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD077002.D
Acq: 14 Aug 2023 15:42

Tgt Ion: 62 Resp: 38455
Ion Ratio Lower Upper
62 100
98 11.2 0.0 25.4





#43

Isopropyl Acetate

Concen: 19.051 ug/l

RT: 8.357 min Scan# 1151

Delta R.T. -0.006 min

Lab File: VD077002.D

Acq: 14 Aug 2023 15:42

Instrument :

MSVOA_D

ClientSampleId :

VD0814SBSD01

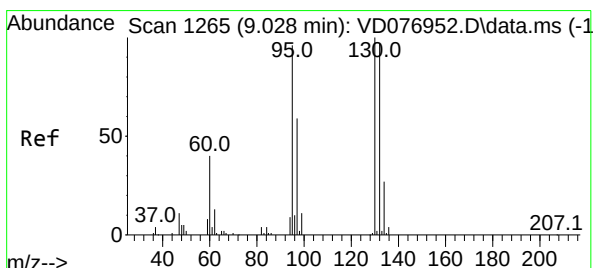
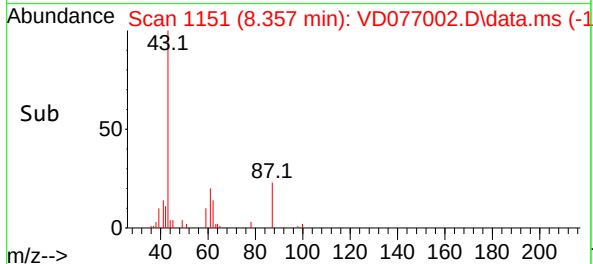
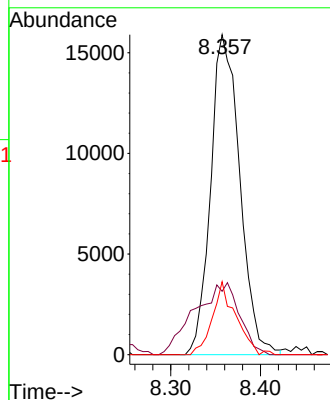
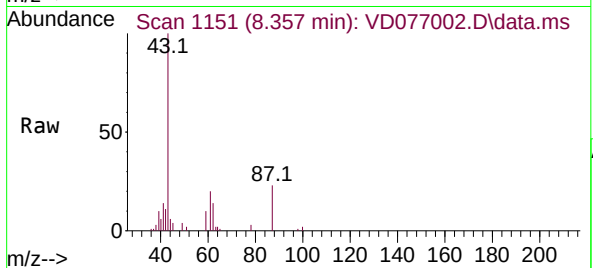
Tgt Ion: 43 Resp: 35902

Ion Ratio Lower Upper

43 100

61 34.4 31.4 47.0

87 18.5 14.9 22.3



#44

Trichloroethene

Concen: 19.323 ug/l

RT: 9.028 min Scan# 1265

Delta R.T. -0.000 min

Lab File: VD077002.D

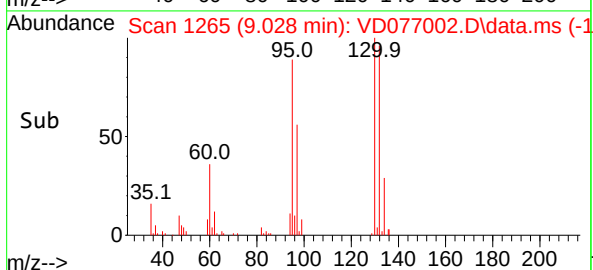
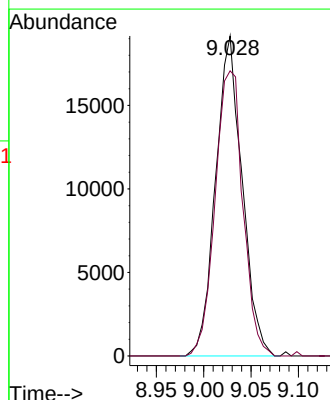
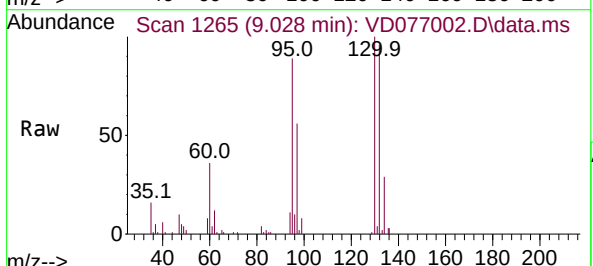
Acq: 14 Aug 2023 15:42

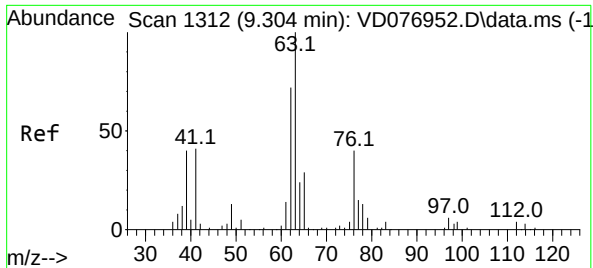
Tgt Ion: 130 Resp: 37280

Ion Ratio Lower Upper

130 100

95 89.1 0.0 179.2





#45

1,2-Dichloropropane

Concen: 18.792 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD077002.D

Acq: 14 Aug 2023 15:42

Instrument :

MSVOA_D

ClientSampleId :

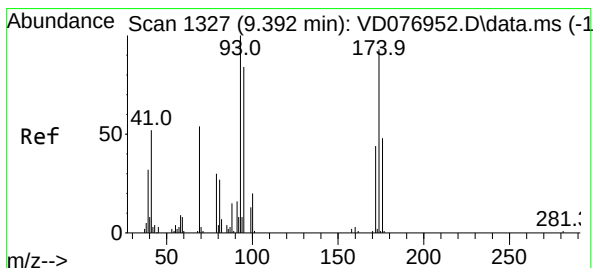
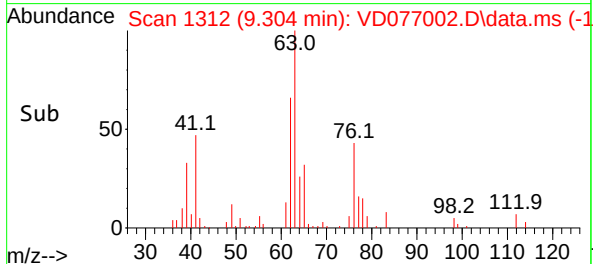
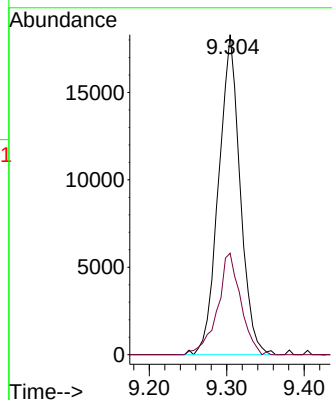
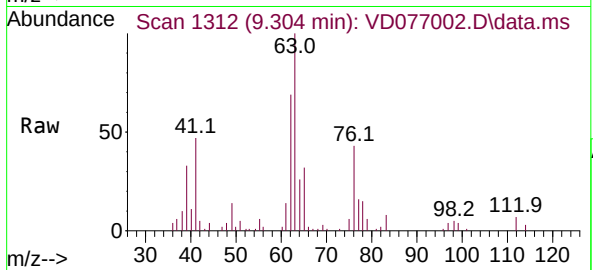
VD0814SBS01

Tgt Ion: 63 Resp: 35390

Ion Ratio Lower Upper

63 100

65 31.7 24.5 36.7



#46

Dibromomethane

Concen: 17.989 ug/l

RT: 9.392 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD077002.D

Acq: 14 Aug 2023 15:42

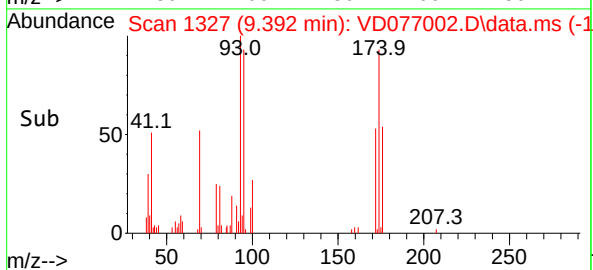
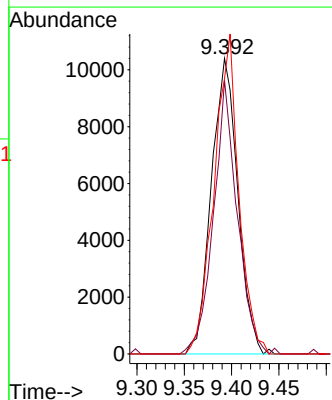
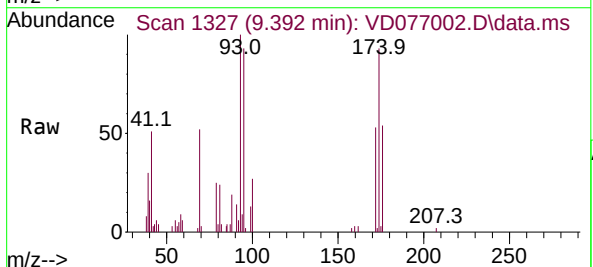
Tgt Ion: 93 Resp: 20243

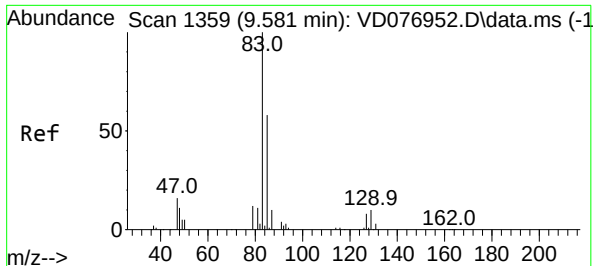
Ion Ratio Lower Upper

93 100

95 83.3 67.7 101.5

174 101.3 85.4 128.2





#47

Bromodichloromethane

Concen: 19.835 ug/l

RT: 9.581 min Scan# 1359

Delta R.T. -0.000 min

Lab File: VD077002.D

Acq: 14 Aug 2023 15:42

Instrument :

MSVOA_D

ClientSampleId :

VD0814SBS01

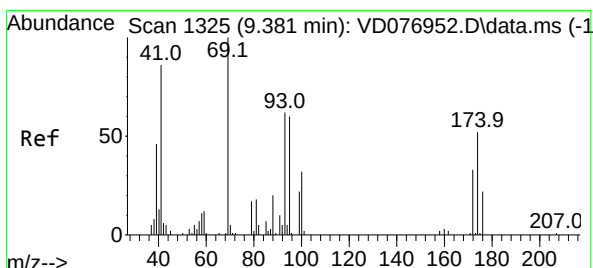
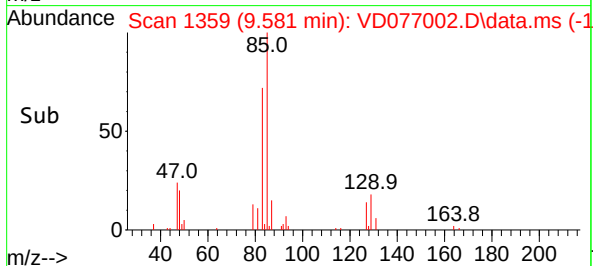
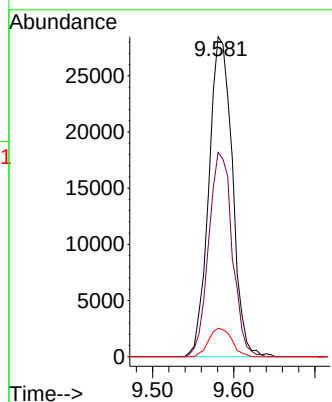
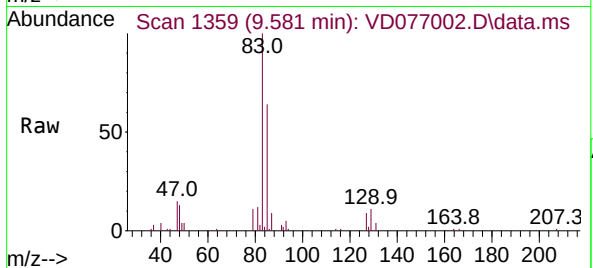
Tgt Ion: 83 Resp: 57258

Ion Ratio Lower Upper

83 100

85 63.8 50.2 75.4

127 8.9 6.3 9.5



#48

Methyl methacrylate

Concen: 18.790 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.000 min

Lab File: VD077002.D

Acq: 14 Aug 2023 15:42

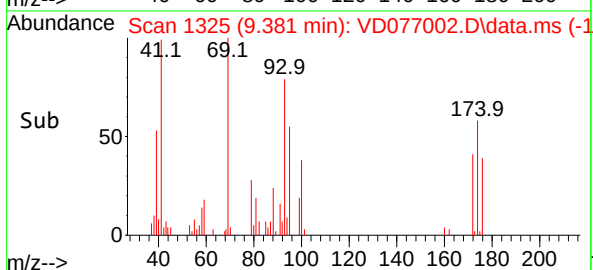
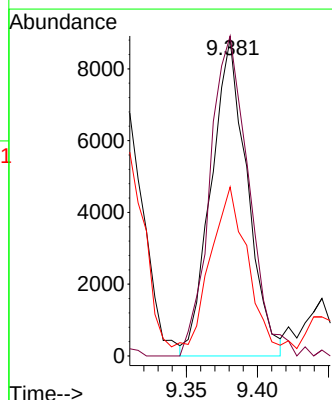
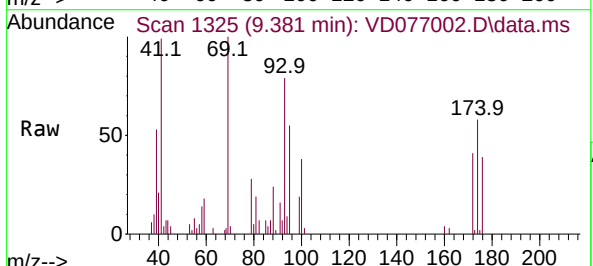
Tgt Ion: 41 Resp: 15571

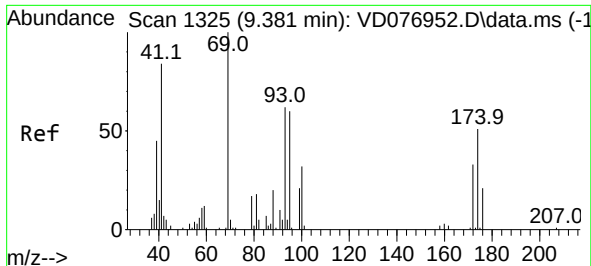
Ion Ratio Lower Upper

41 100

69 109.5 102.2 153.2

39 57.0 41.4 62.2





#49

1,4-Dioxane

Concen: 367.286 ug/l

RT: 9.387 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD077002.D

Acq: 14 Aug 2023 15:42

Instrument :

MSVOA_D

ClientSampleId :

VD0814SBS01

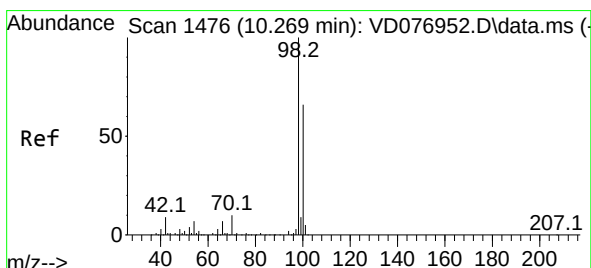
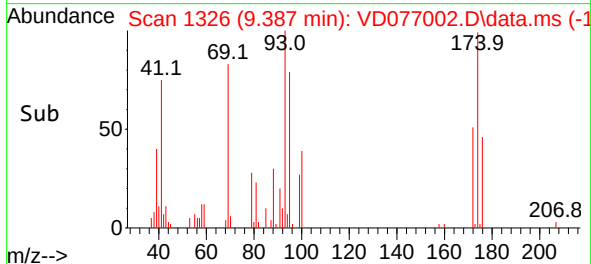
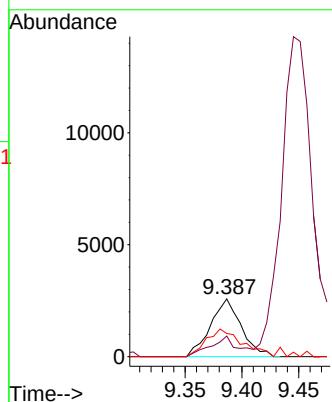
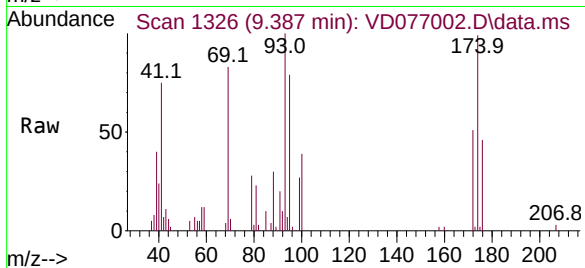
Tgt Ion: 88 Resp: 4831

Ion Ratio Lower Upper

88 100

43 27.3 19.0 28.6

58 56.0 43.5 65.3



#50

Toluene-d8

Concen: 46.355 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD077002.D

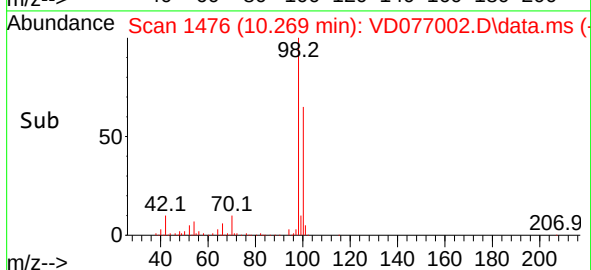
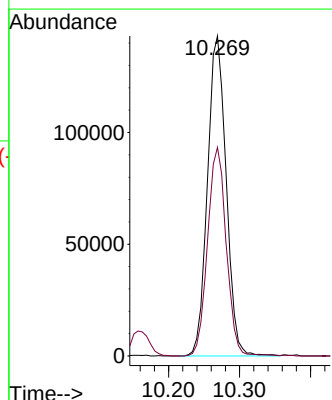
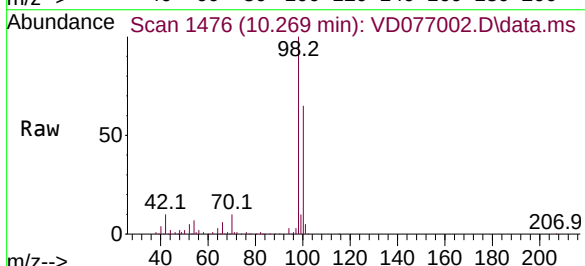
Acq: 14 Aug 2023 15:42

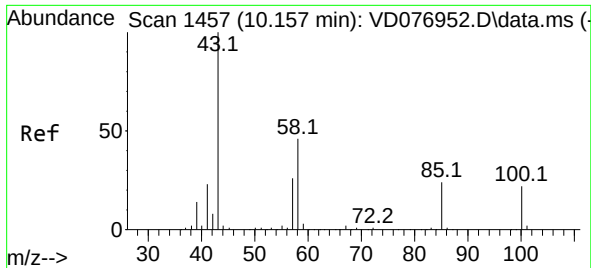
Tgt Ion: 98 Resp: 261673

Ion Ratio Lower Upper

98 100

100 65.2 50.3 75.5

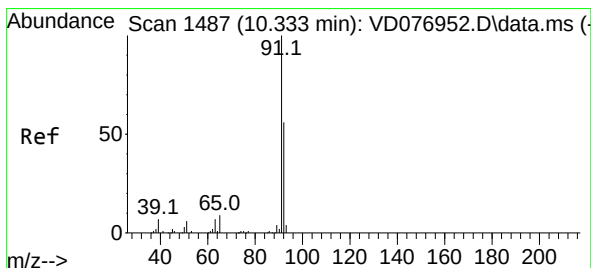
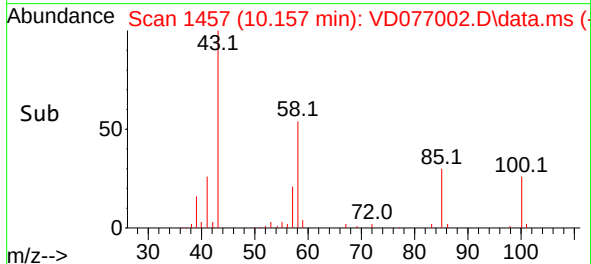
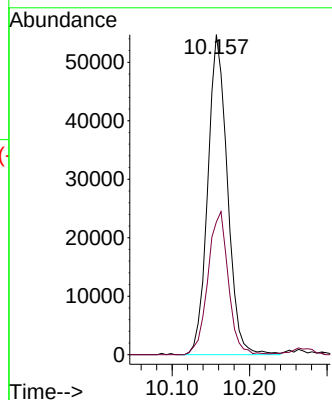
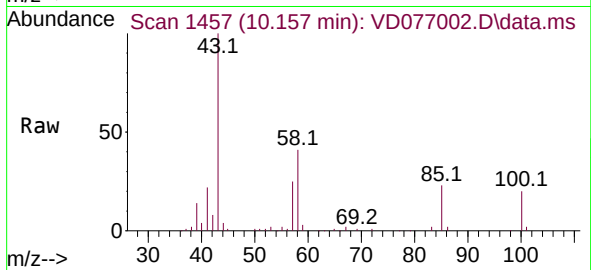




#51
4-Methyl-2-Pentanone
Concen: 92.570 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077002.D
Acq: 14 Aug 2023 15:42

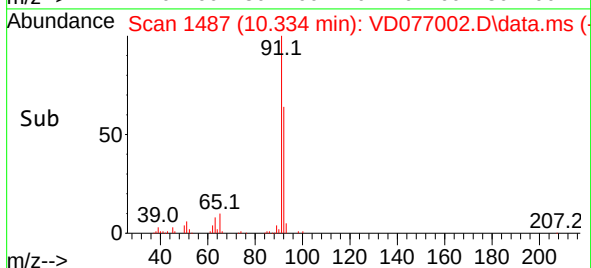
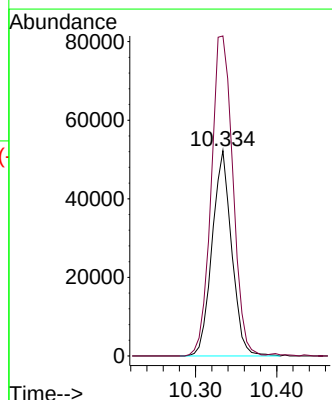
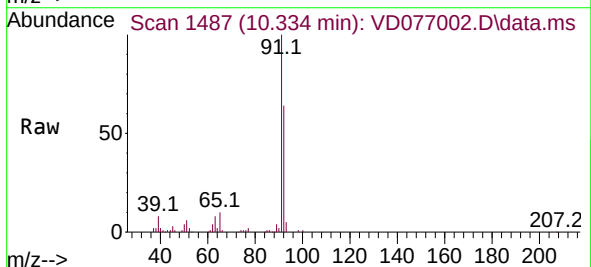
Instrument :
MSVOA_D
ClientSampleId :
VD0814SBSD01

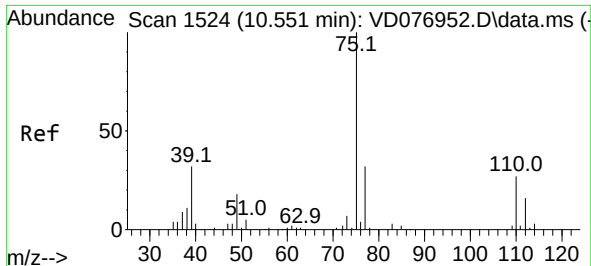
Tgt Ion: 43 Resp: 96294
Ion Ratio Lower Upper
43 100
58 46.4 38.9 58.3



#52
Toluene
Concen: 19.029 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.001 min
Lab File: VD077002.D
Acq: 14 Aug 2023 15:42

Tgt Ion: 92 Resp: 87333
Ion Ratio Lower Upper
92 100
91 173.0 143.0 214.4

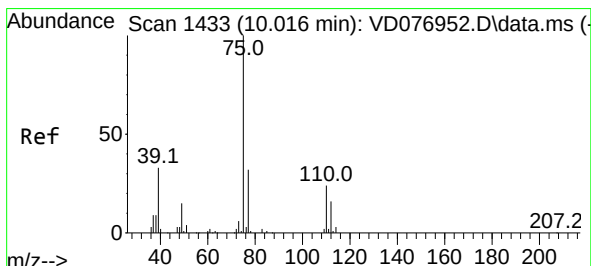
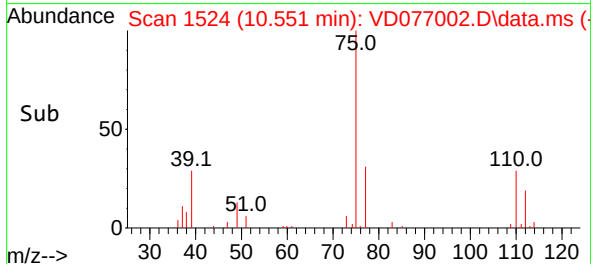
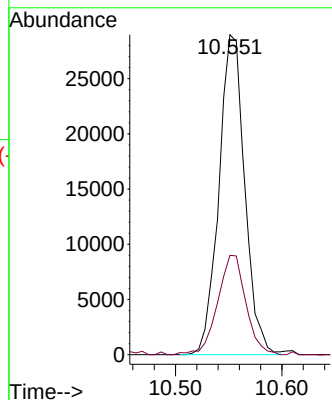
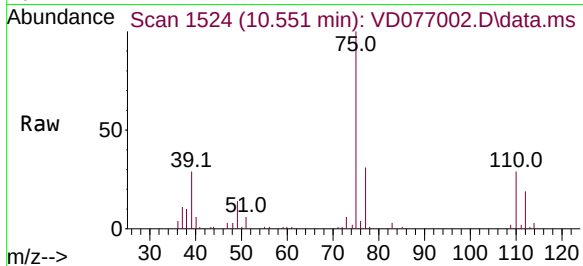




#53
t-1,3-Dichloropropene
Concen: 19.385 ug/l
RT: 10.551 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VD077002.D
Acq: 14 Aug 2023 15:42

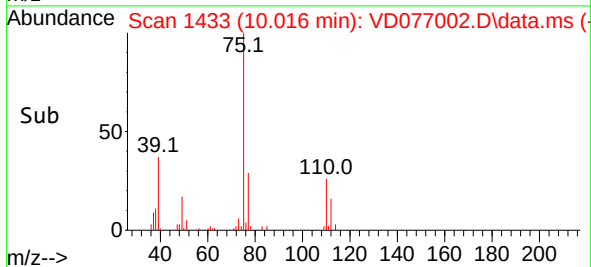
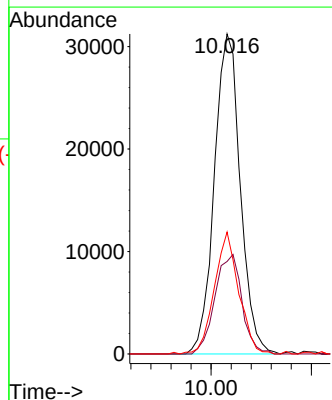
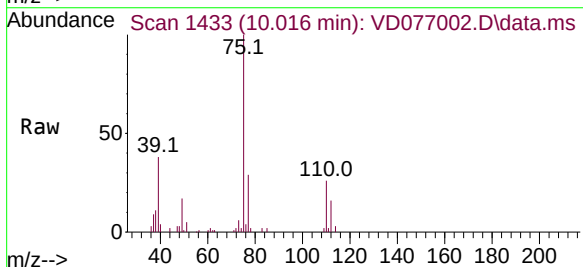
Instrument :
MSVOA_D
ClientSampleId :
VD0814SBS01

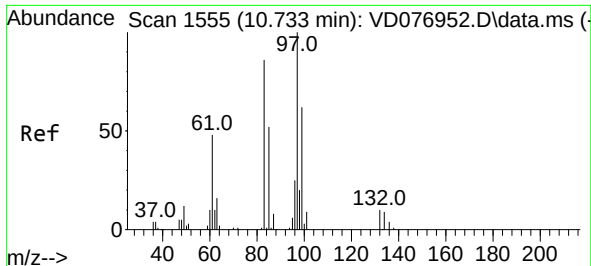
Tgt Ion: 75 Resp: 48818
Ion Ratio Lower Upper
75 100
77 31.0 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 19.205 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD077002.D
Acq: 14 Aug 2023 15:42

Tgt Ion: 75 Resp: 56094
Ion Ratio Lower Upper
75 100
77 28.9 25.5 38.3
39 38.1 22.1 33.1#

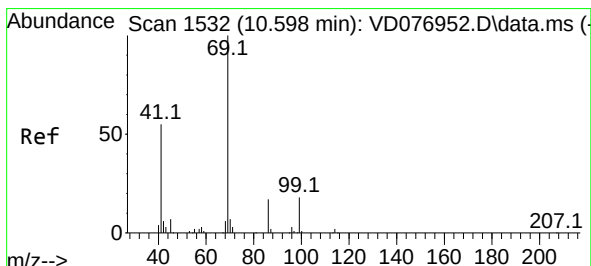
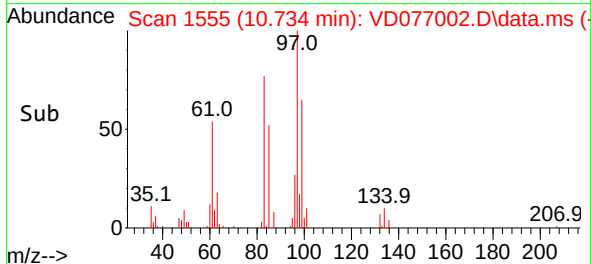
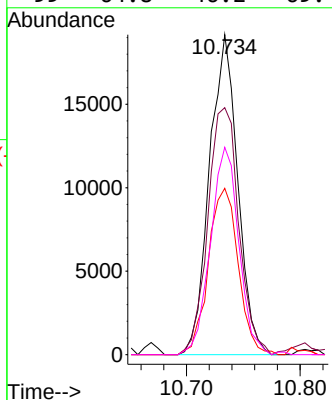
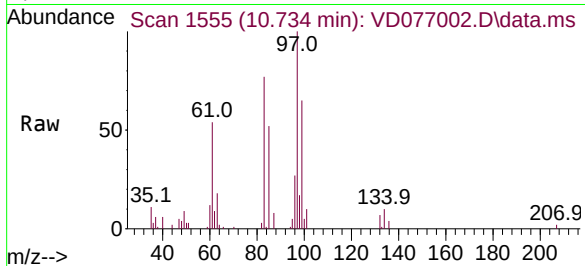




#55
1,1,2-Trichloroethane
Concen: 19.818 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.001 min
Lab File: VD077002.D
Acq: 14 Aug 2023 15:42

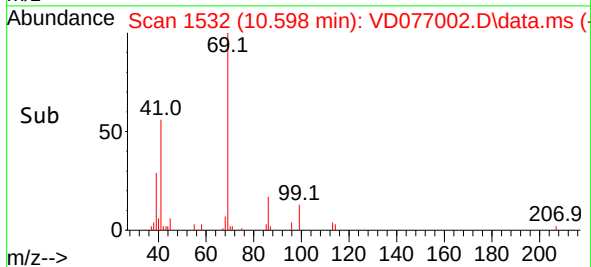
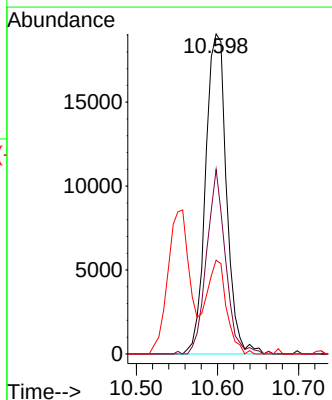
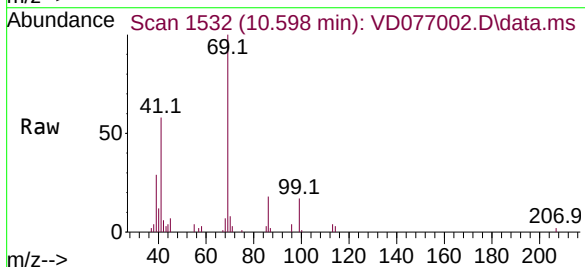
Instrument :
MSVOA_D
ClientSampleId :
VD0814SBSD01

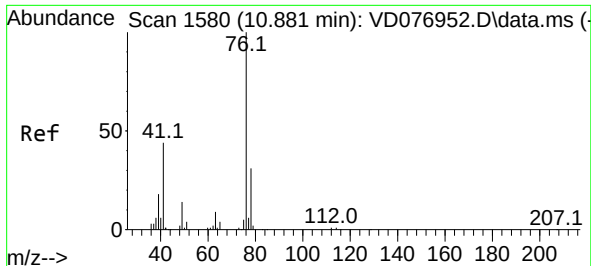
Tgt Ion:	97	Resp:	33097
Ion	Ratio	Lower	Upper
97	100		
83	77.2	65.8	98.6
85	52.0	45.7	68.5
99	64.8	46.2	69.4



#56
Ethyl methacrylate
Concen: 19.730 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD077002.D
Acq: 14 Aug 2023 15:42

Tgt Ion:	69	Resp:	34152
Ion	Ratio	Lower	Upper
69	100		
41	52.0	39.1	58.7
39	28.4	20.0	30.0

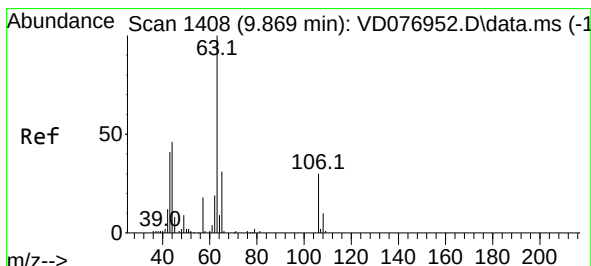
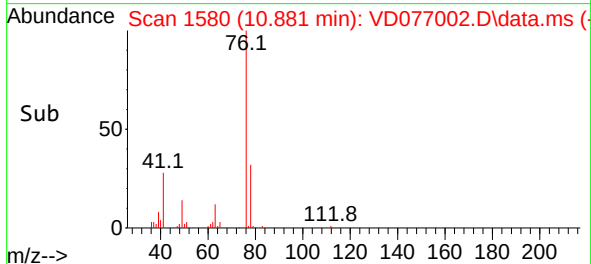
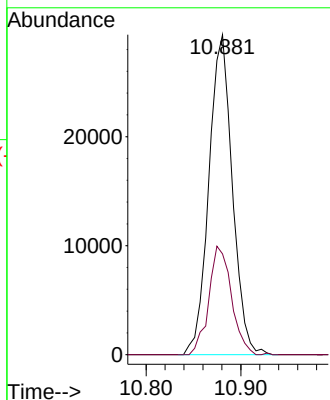
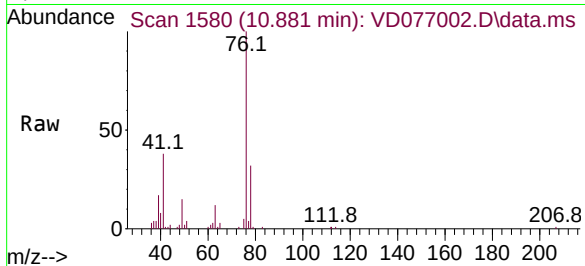




#57
1,3-Dichloropropane
Concen: 19.455 ug/l
RT: 10.881 min Scan# 1580
Delta R.T. -0.000 min
Lab File: VD077002.D
Acq: 14 Aug 2023 15:42

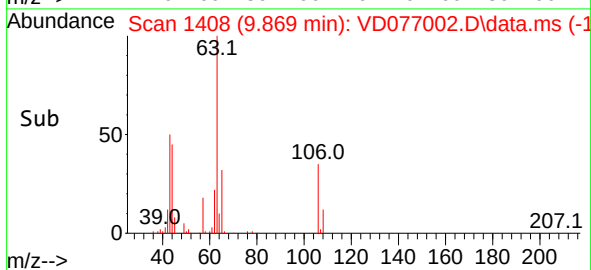
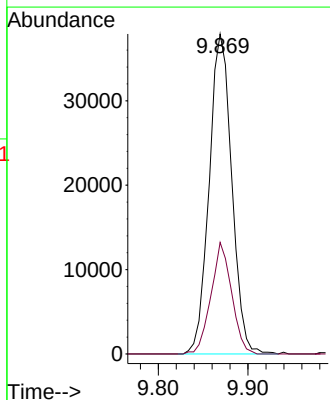
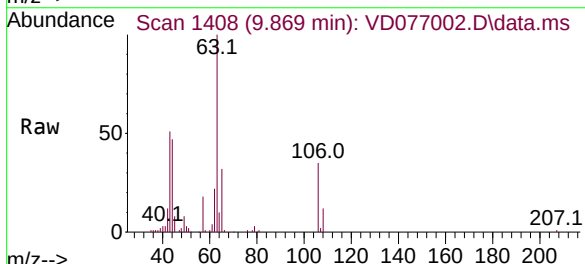
Instrument :
MSVOA_D
ClientSampleId :
VD0814SBSD01

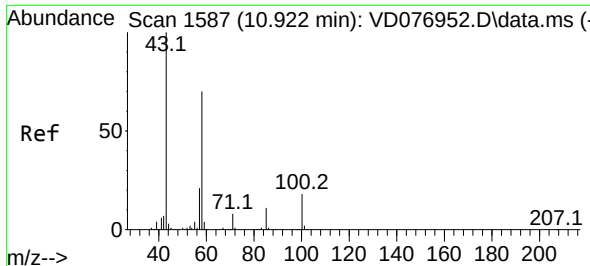
Tgt Ion: 76 Resp: 50475
Ion Ratio Lower Upper
76 100
78 32.7 26.4 39.6



#58
2-Chloroethyl Vinyl ether
Concen: 101.830 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. -0.000 min
Lab File: VD077002.D
Acq: 14 Aug 2023 15:42

Tgt Ion: 63 Resp: 66260
Ion Ratio Lower Upper
63 100
106 31.9 25.3 37.9

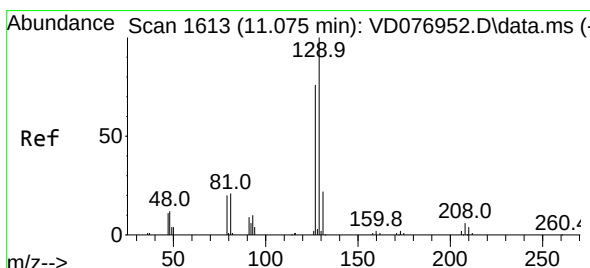
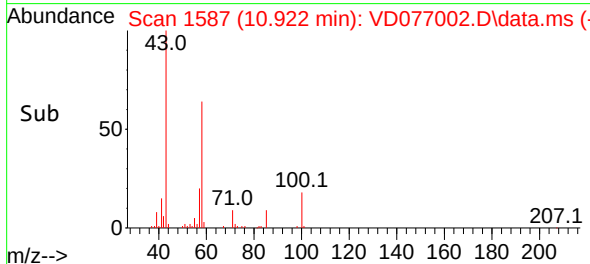
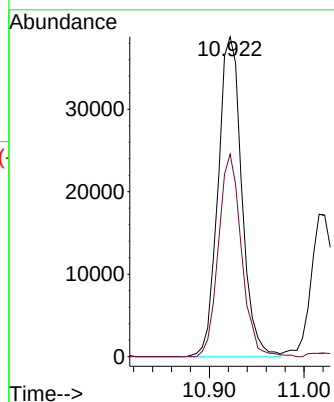
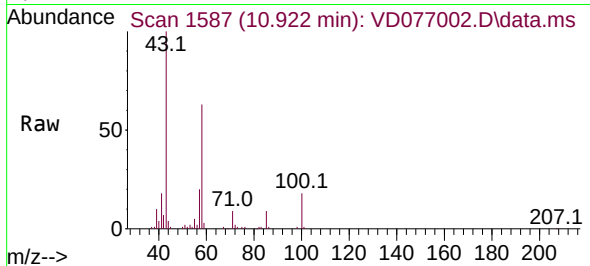




#59
2-Hexanone
Concen: 95.352 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD077002.D
Acq: 14 Aug 2023 15:42

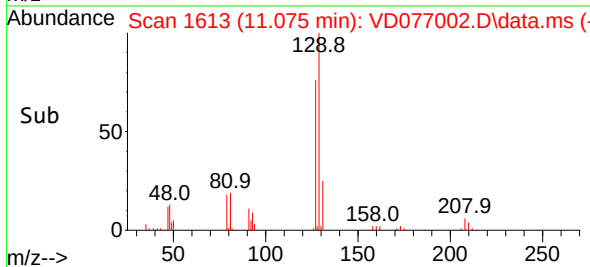
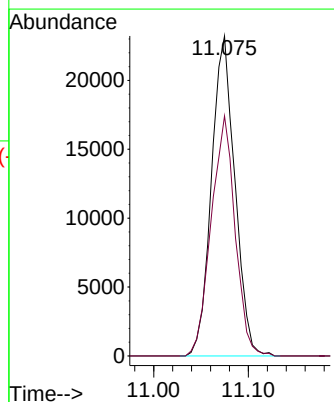
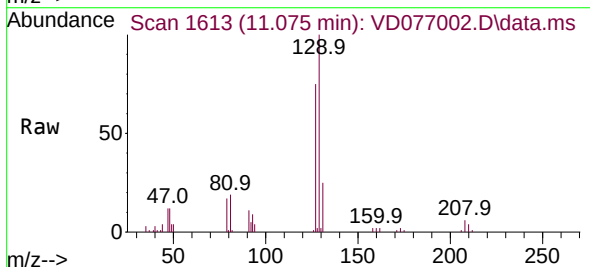
Instrument :
MSVOA_D
ClientSampleId :
VD0814SBSD01

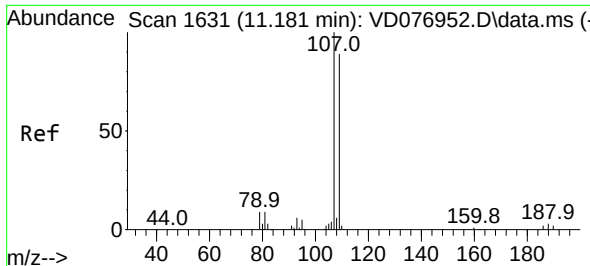
Tgt Ion: 43 Resp: 67518
Ion Ratio Lower Upper
43 100
58 61.4 34.1 102.2



#60
Dibromochloromethane
Concen: 19.833 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD077002.D
Acq: 14 Aug 2023 15:42

Tgt Ion: 129 Resp: 39946
Ion Ratio Lower Upper
129 100
127 76.7 37.1 111.5

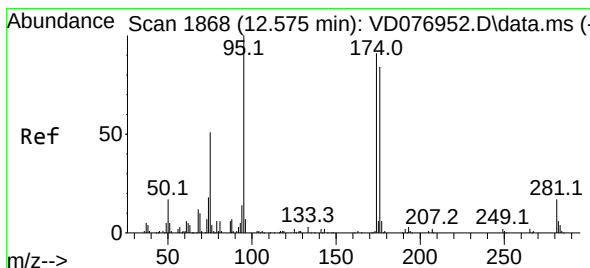
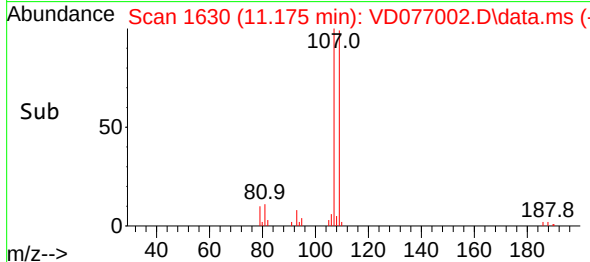
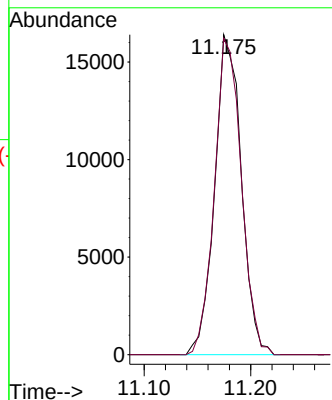
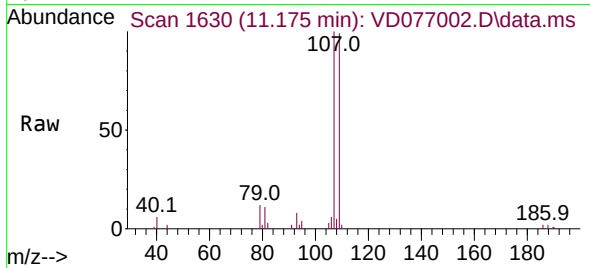




#61
1,2-Dibromoethane
Concen: 19.205 ug/l
RT: 11.175 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD077002.D
Acq: 14 Aug 2023 15:42

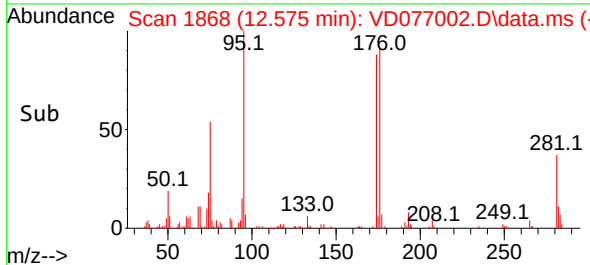
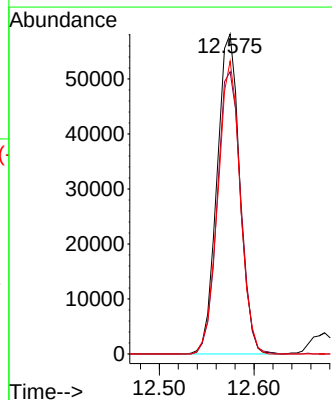
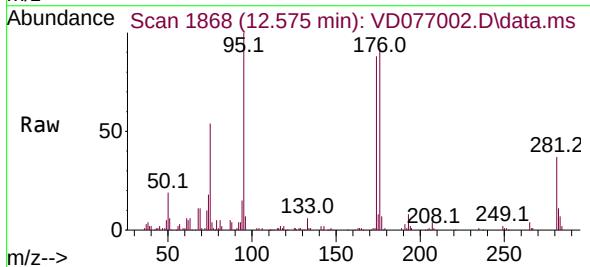
Instrument :
MSVOA_D
ClientSampleId :
VD0814SBSD01

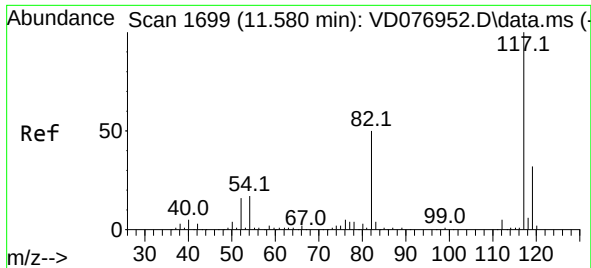
Tgt Ion:107 Resp: 28521
Ion Ratio Lower Upper
107 100
109 99.6 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 49.102 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077002.D
Acq: 14 Aug 2023 15:42

Tgt Ion: 95 Resp: 96898
Ion Ratio Lower Upper
95 100
174 90.5 0.0 201.8
176 89.8 0.0 191.8

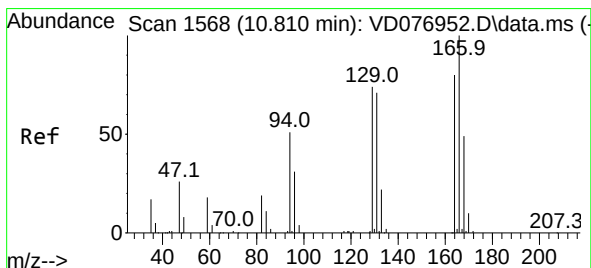
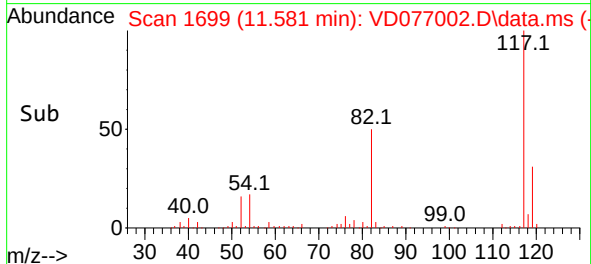
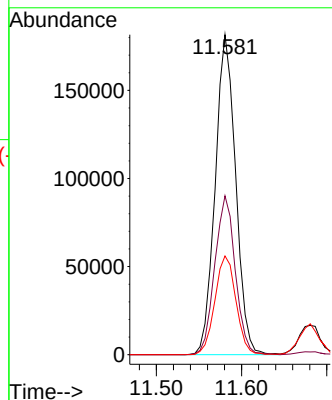
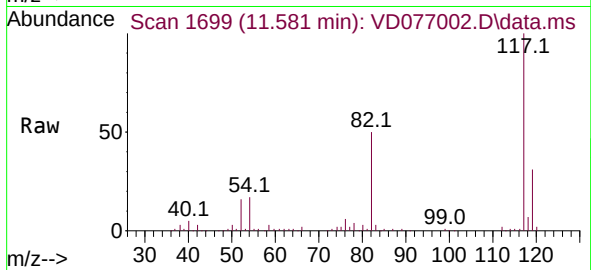




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. 0.001 min
Lab File: VD077002.D
Acq: 14 Aug 2023 15:42

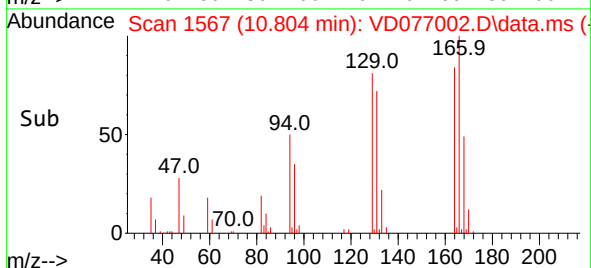
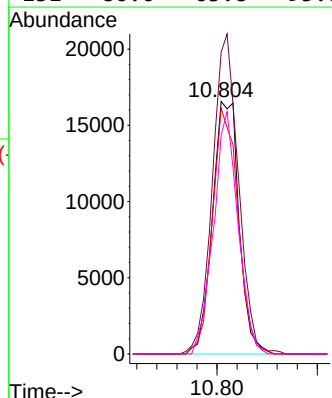
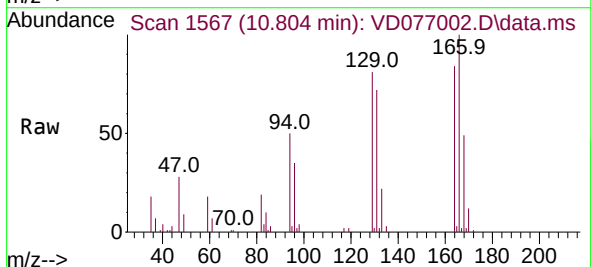
Instrument :
MSVOA_D
ClientSampleId :
VD0814SBSD01

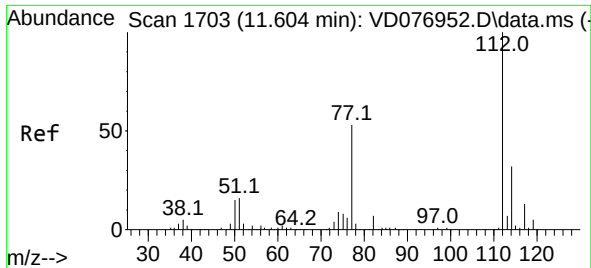
Tgt Ion:117 Resp: 303223
Ion Ratio Lower Upper
117 100
82 49.6 38.3 57.5
119 30.8 25.0 37.4



#64
Tetrachloroethene
Concen: 19.906 ug/l
RT: 10.804 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VD077002.D
Acq: 14 Aug 2023 15:42

Tgt Ion:164 Resp: 30384
Ion Ratio Lower Upper
164 100
166 119.5 99.2 148.8
129 97.3 68.4 102.6
131 86.6 63.8 95.8

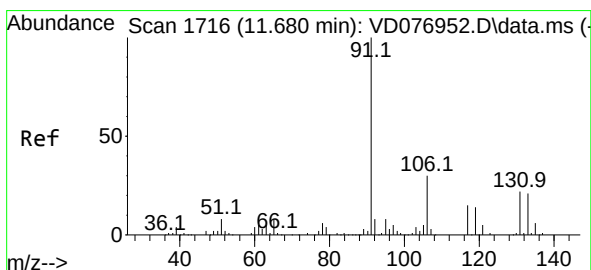
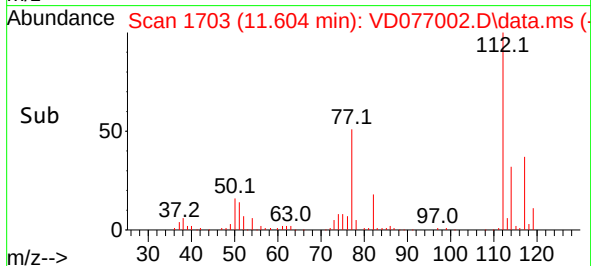
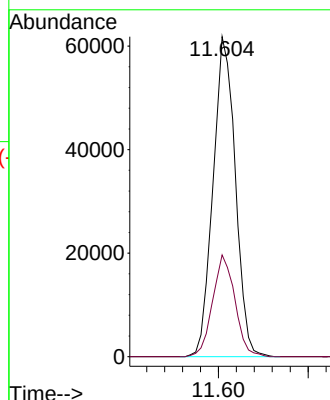
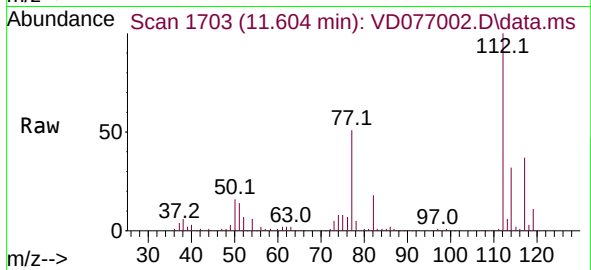




#65
Chlorobenzene
Concen: 19.859 ug/l
RT: 11.604 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077002.D
Acq: 14 Aug 2023 15:42

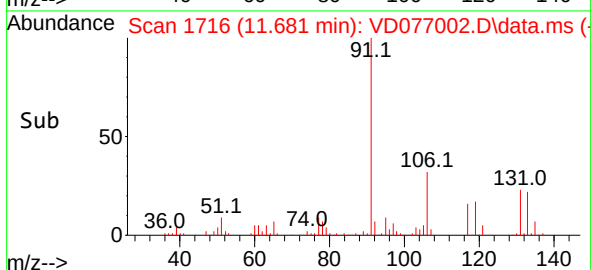
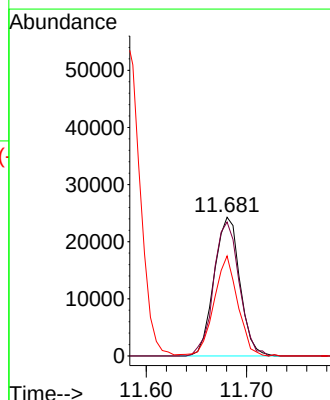
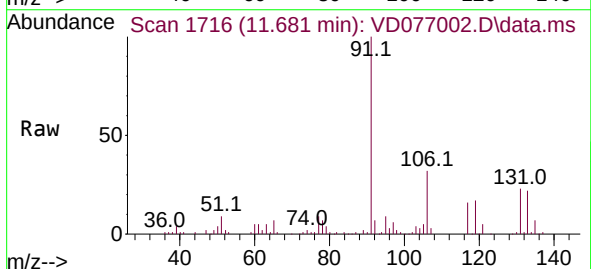
Instrument :
MSVOA_D
ClientSampleId :
VD0814SBSD01

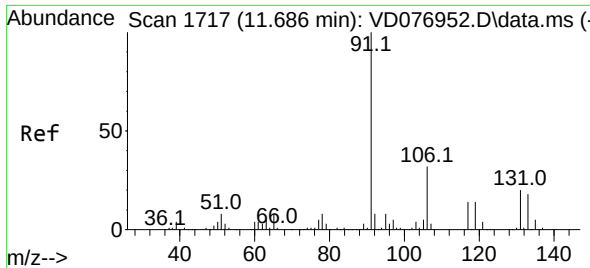
Tgt Ion:112 Resp: 106532
Ion Ratio Lower Upper
112 100
114 31.8 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 20.526 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.001 min
Lab File: VD077002.D
Acq: 14 Aug 2023 15:42

Tgt Ion:131 Resp: 43450
Ion Ratio Lower Upper
131 100
133 96.1 48.5 145.5
119 66.0 35.6 106.9

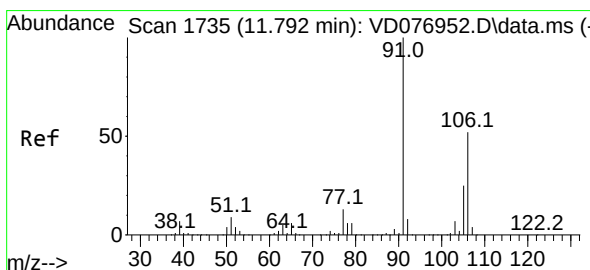
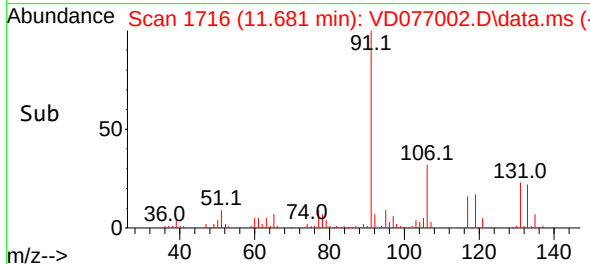
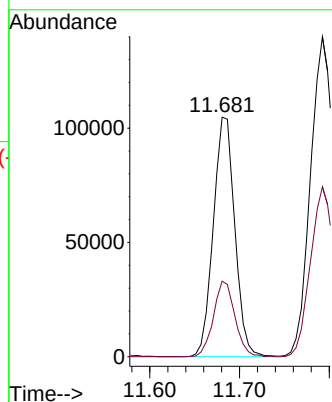
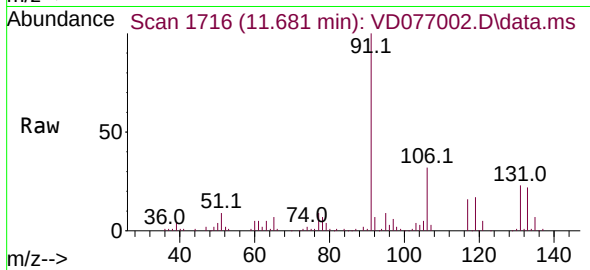




#67
Ethyl Benzene
Concen: 19.297 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.005 min
Lab File: VD077002.D
Acq: 14 Aug 2023 15:42

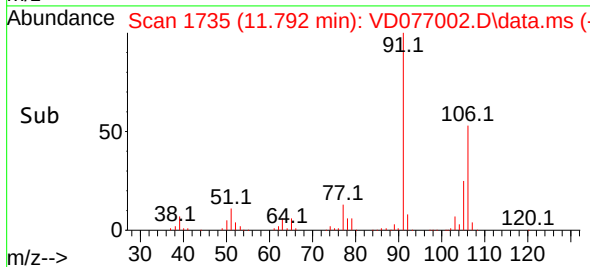
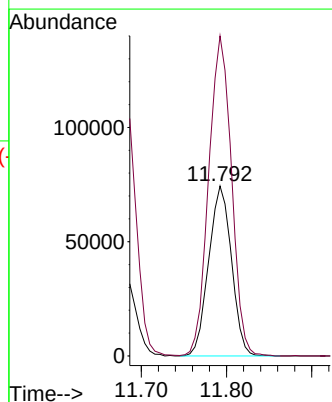
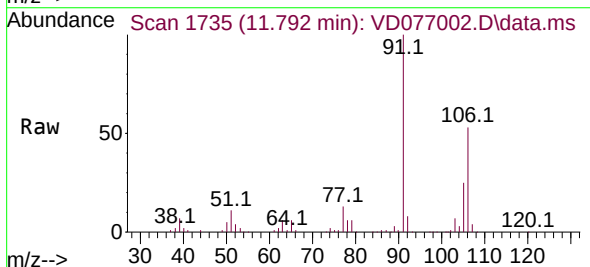
Instrument :
MSVOA_D
ClientSampleId :
VD0814SBSD01

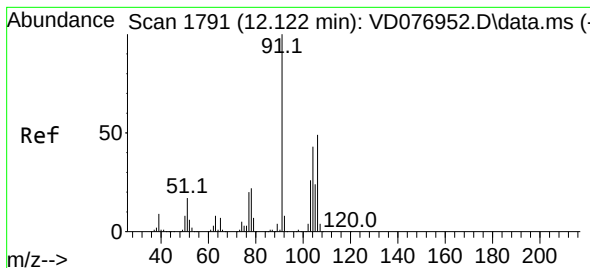
Tgt Ion: 91 Resp: 174649
Ion Ratio Lower Upper
91 100
106 31.5 26.5 39.7



#68
m/p-Xylenes
Concen: 39.346 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD077002.D
Acq: 14 Aug 2023 15:42

Tgt Ion: 106 Resp: 138302
Ion Ratio Lower Upper
106 100
91 188.6 147.0 220.6

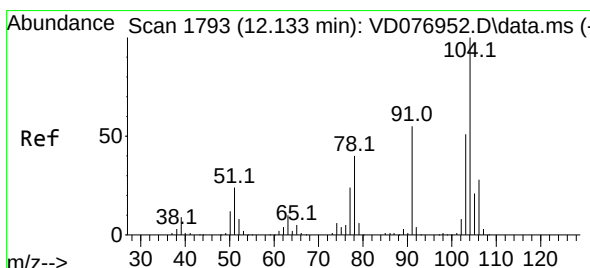
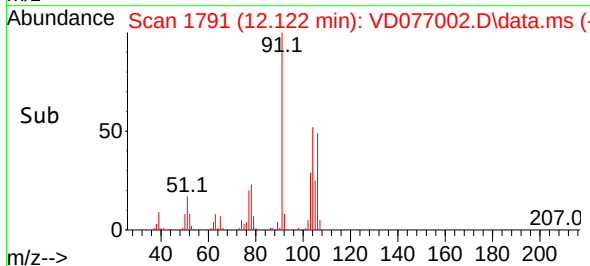
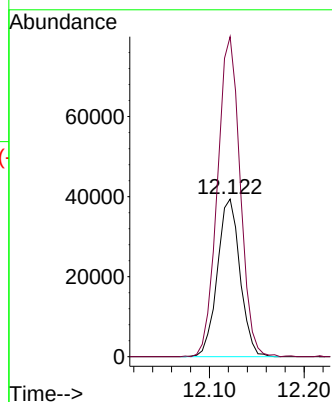
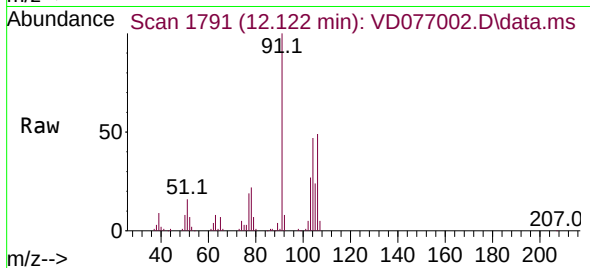




#69
o-Xylene
Concen: 19.420 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD077002.D
Acq: 14 Aug 2023 15:42

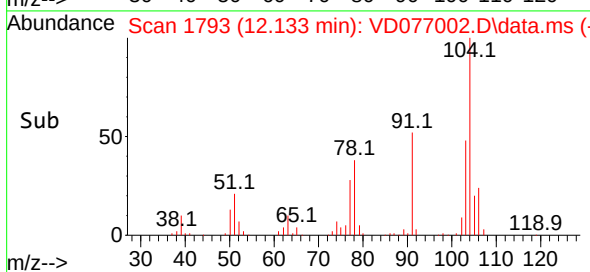
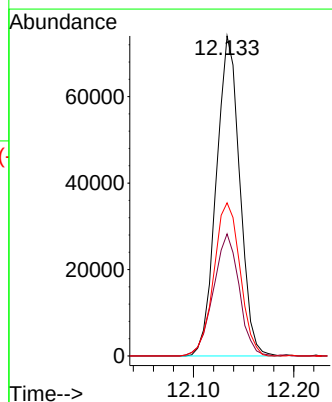
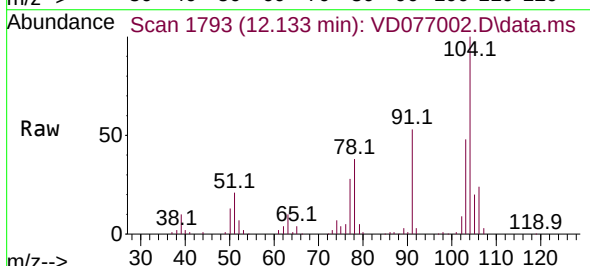
Instrument :
MSVOA_D
ClientSampleId :
VD0814SBSD01

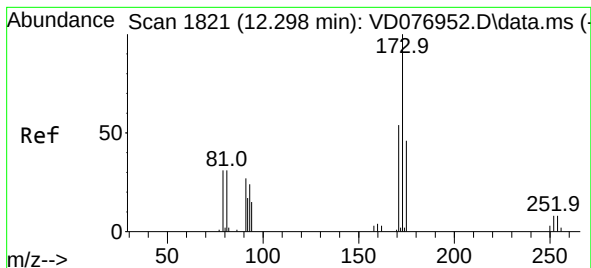
Tgt Ion:106 Resp: 65463
Ion Ratio Lower Upper
106 100
91 204.2 97.9 293.6



#70
Styrene
Concen: 20.022 ug/l
RT: 12.133 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD077002.D
Acq: 14 Aug 2023 15:42

Tgt Ion:104 Resp: 120324
Ion Ratio Lower Upper
104 100
78 41.7 33.2 49.8
103 53.5 43.6 65.4





#71

Bromoform

Concen: 21.000 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD077002.D

Acq: 14 Aug 2023 15:42

Instrument :

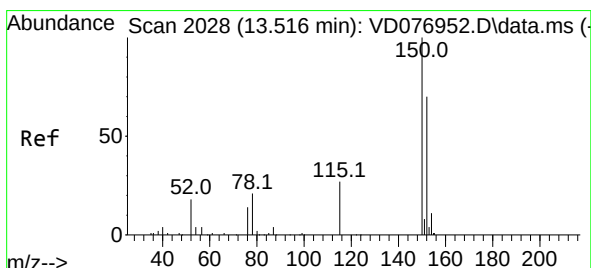
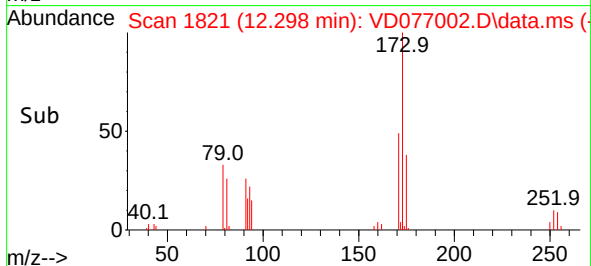
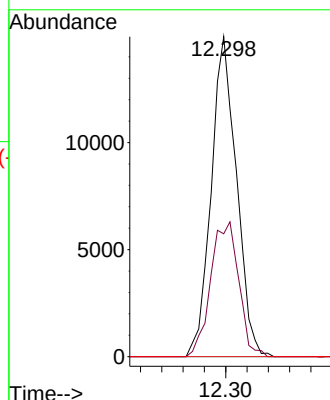
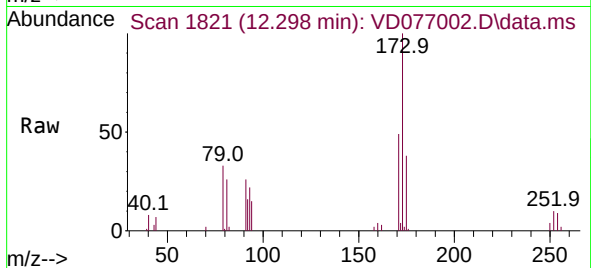
MSVOA_D

ClientSampleId :

VD0814SBSD01

Tgt Ion:173 Resp: 24644

Ion	Ratio	Lower	Upper
173	100		
175	46.6	24.6	73.8
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

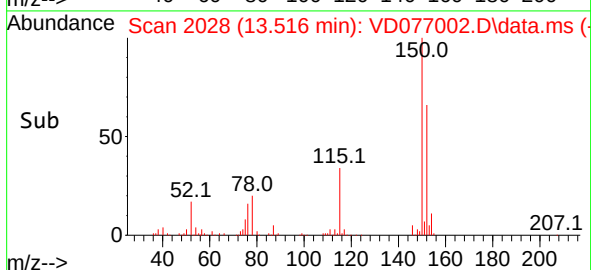
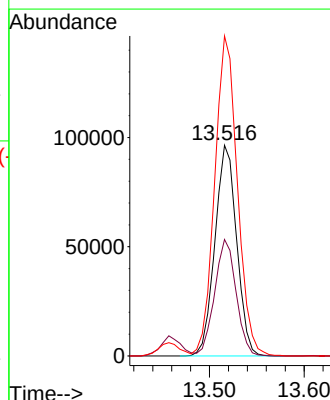
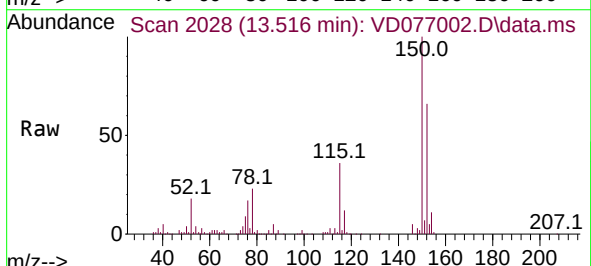
Delta R.T. -0.000 min

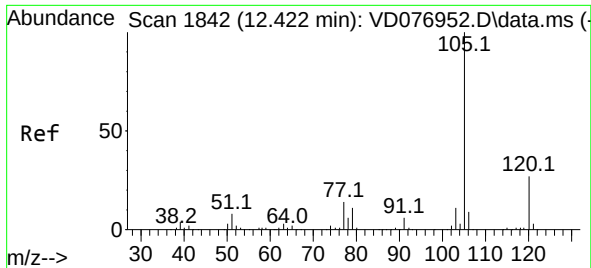
Lab File: VD077002.D

Acq: 14 Aug 2023 15:42

Tgt Ion:152 Resp: 154088

Ion	Ratio	Lower	Upper
152	100		
115	54.5	27.1	81.3
150	158.5	0.0	353.6

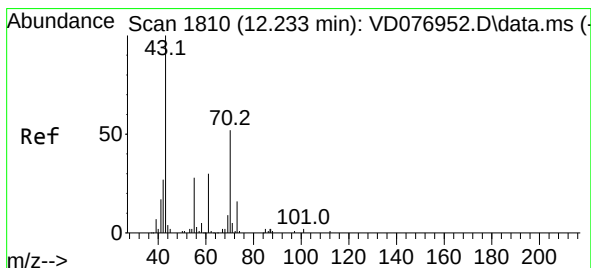
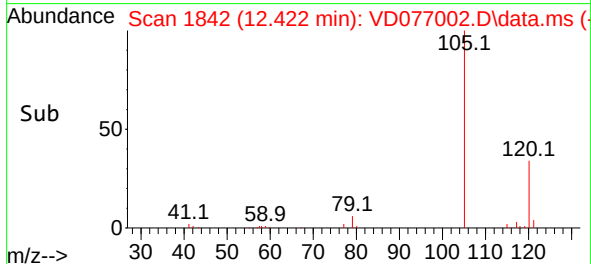
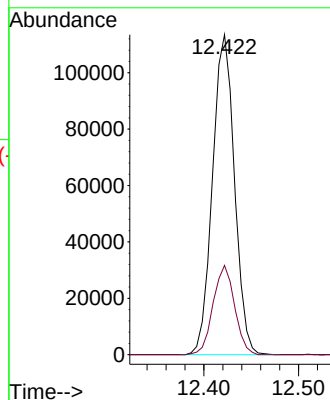
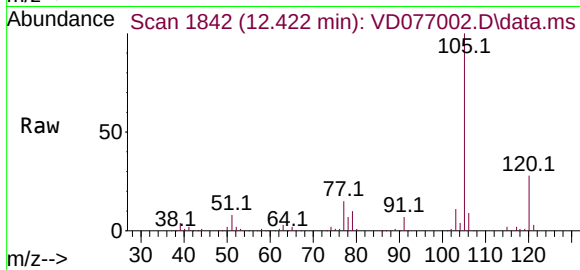




#73
Isopropylbenzene
Concen: 18.844 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD077002.D
Acq: 14 Aug 2023 15:42

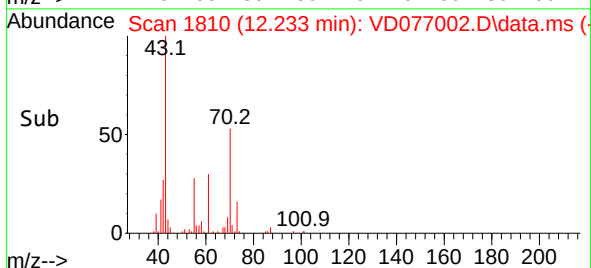
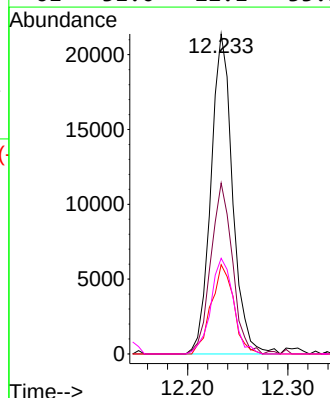
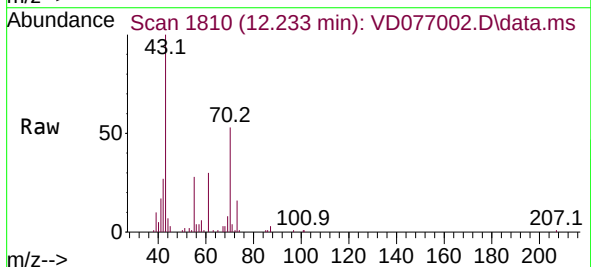
Instrument :
MSVOA_D
ClientSampleId :
VD0814SBSD01

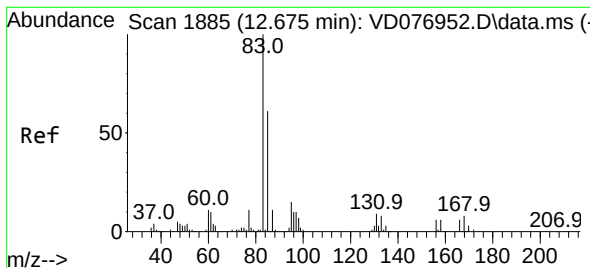
Tgt Ion:105 Resp: 182718
Ion Ratio Lower Upper
105 100
120 27.2 14.3 42.9



#74
N-ethyl acetate
Concen: 16.627 ug/l
RT: 12.233 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD077002.D
Acq: 14 Aug 2023 15:42

Tgt Ion: 43 Resp: 32120
Ion Ratio Lower Upper
43 100
70 53.3 45.0 67.4
55 28.9 23.8 35.6
61 31.0 22.1 33.1

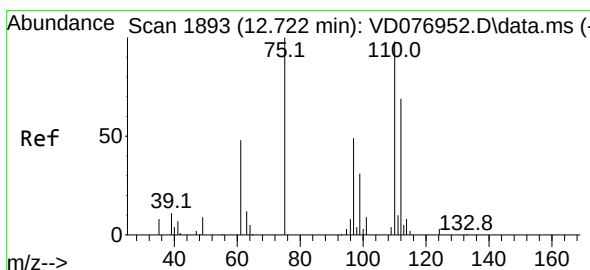
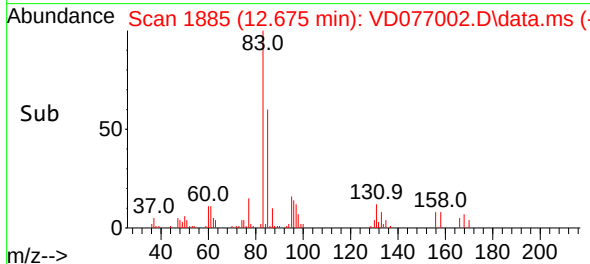
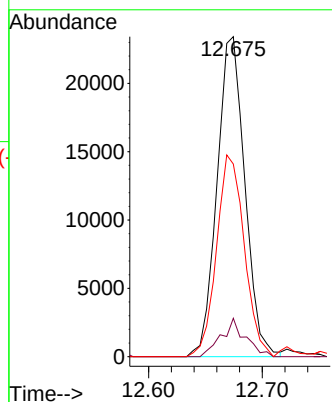
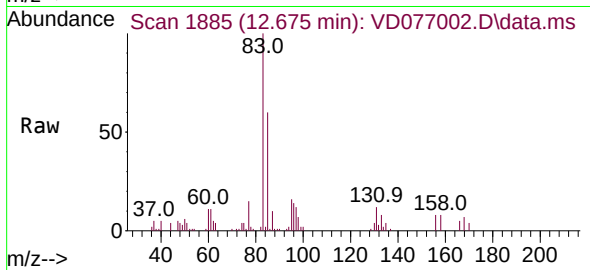




#75
 1,1,2,2-Tetrachloroethane
 Concen: 18.653 ug/l
 RT: 12.675 min Scan# 1885
 Delta R.T. -0.000 min
 Lab File: VD077002.D
 Acq: 14 Aug 2023 15:42

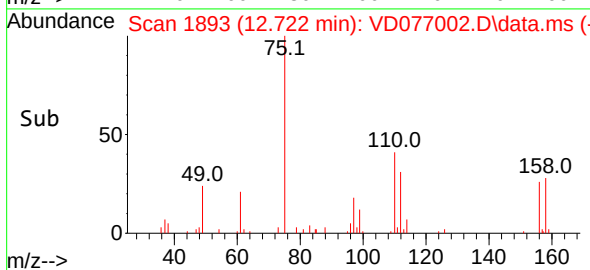
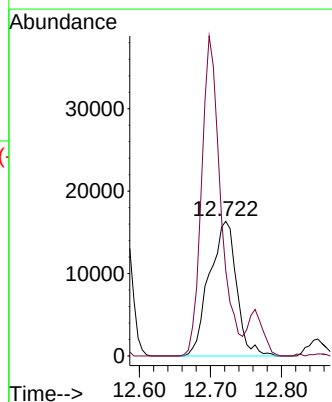
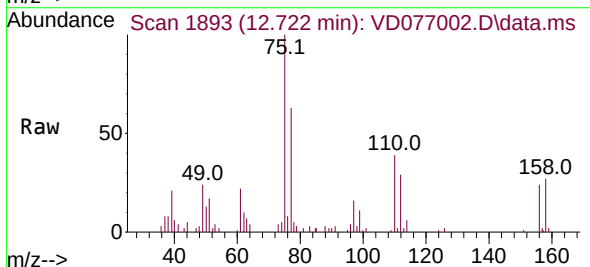
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0814SBSD01

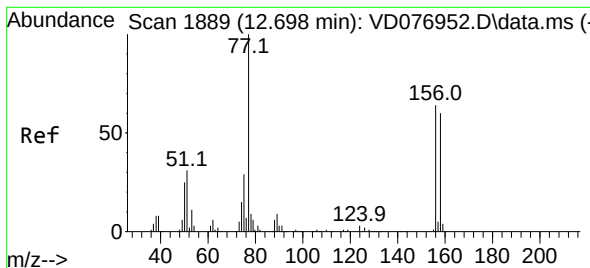
Tgt Ion: 83 Resp: 39853
 Ion Ratio Lower Upper
 83 100
 131 10.3 5.1 15.3
 85 62.8 32.6 97.8



#76
 1,2,3-Trichloropropane
 Concen: 30.035 ug/l
 RT: 12.722 min Scan# 1893
 Delta R.T. -0.000 min
 Lab File: VD077002.D
 Acq: 14 Aug 2023 15:42

Tgt Ion: 75 Resp: 43415
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 18.294 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. 0.000 min

Lab File: VD077002.D

Acq: 14 Aug 2023 15:42

Instrument :

MSVOA_D

ClientSampleId :

VD0814SBS01

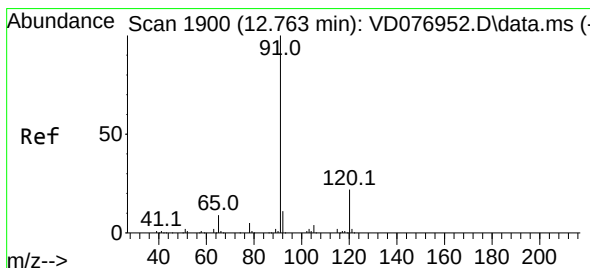
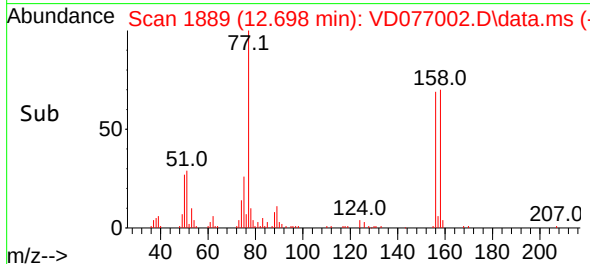
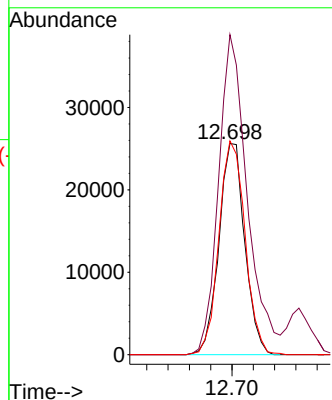
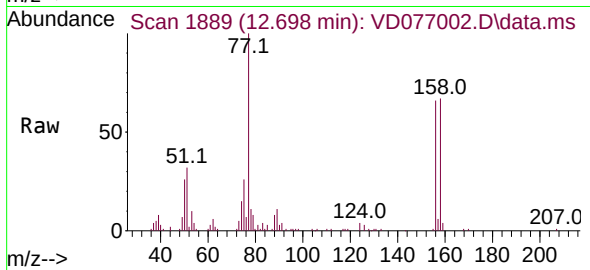
Tgt Ion:156 Resp: 43163

Ion Ratio Lower Upper

156 100

77 168.7 76.8 230.4

158 102.5 48.6 145.9



#78

n-propylbenzene

Concen: 19.004 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. -0.000 min

Lab File: VD077002.D

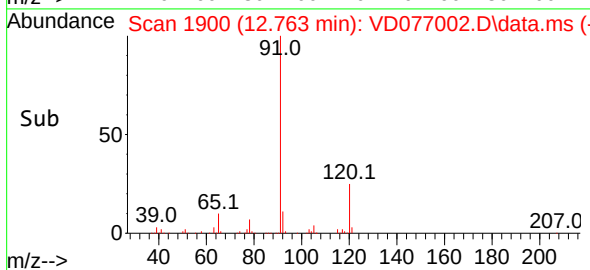
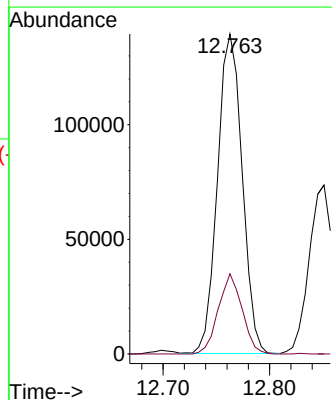
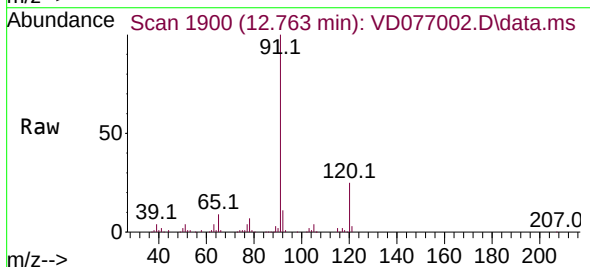
Acq: 14 Aug 2023 15:42

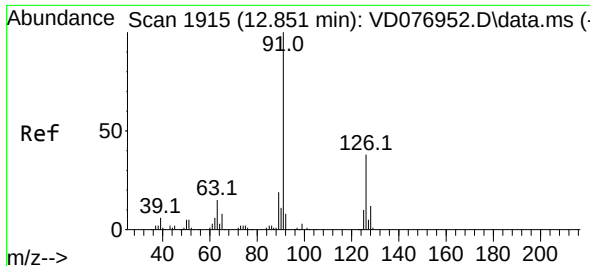
Tgt Ion: 91 Resp: 224155

Ion Ratio Lower Upper

91 100

120 24.1 12.4 37.2

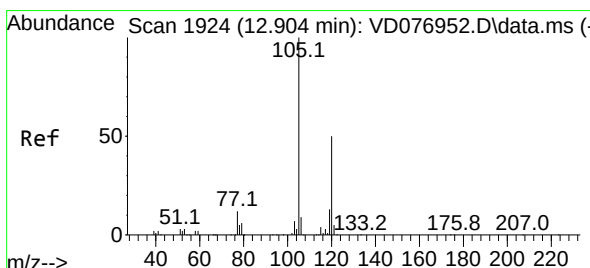
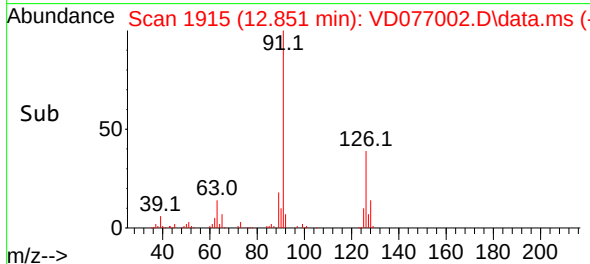
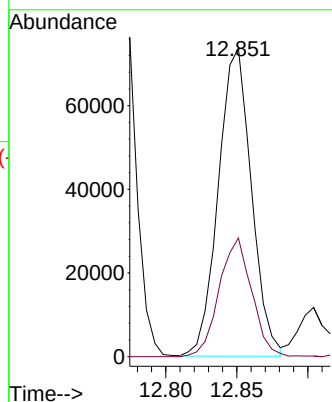
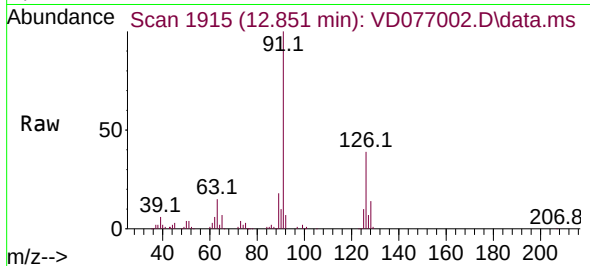




#79
2-Chlorotoluene
Concen: 18.365 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD077002.D
Acq: 14 Aug 2023 15:42

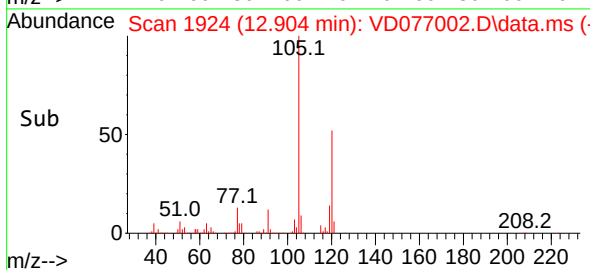
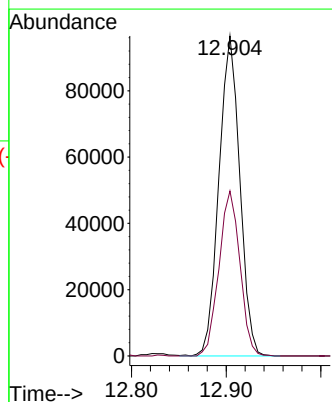
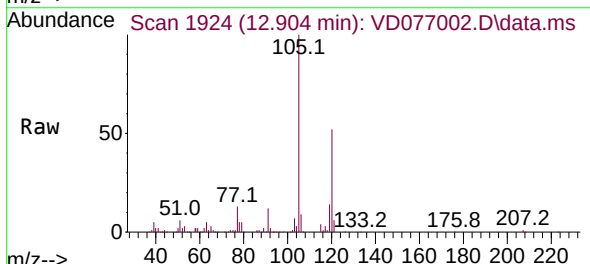
Instrument :
MSVOA_D
ClientSampleId :
VD0814SBSD01

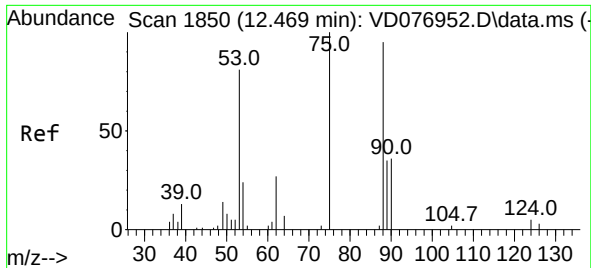
Tgt Ion: 91 Resp: 119096
Ion Ratio Lower Upper
91 100
126 38.0 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 18.795 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077002.D
Acq: 14 Aug 2023 15:42

Tgt Ion: 105 Resp: 147925
Ion Ratio Lower Upper
105 100
120 51.7 26.4 79.2

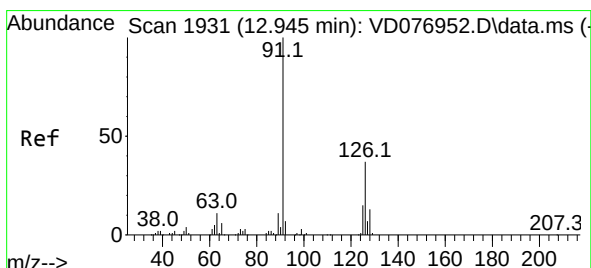
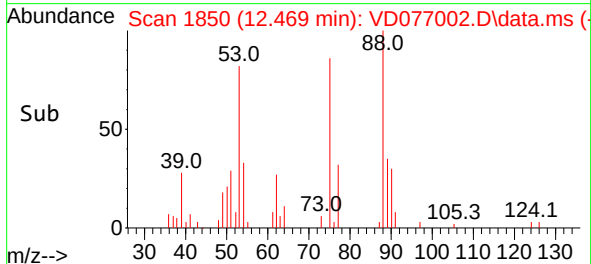
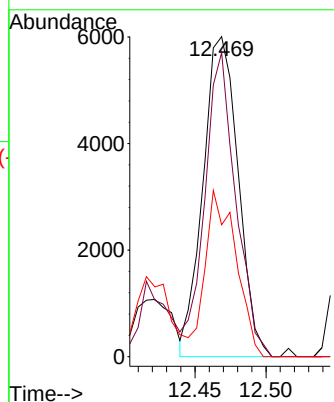
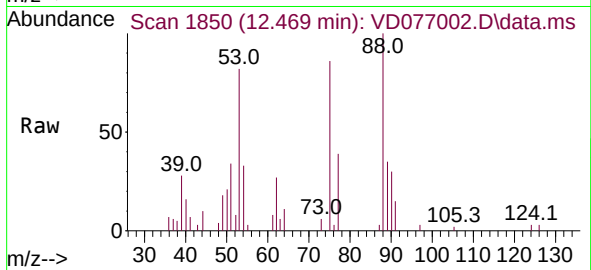




#81
trans-1,4-Dichloro-2-butene
Concen: 16.811 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD077002.D
Acq: 14 Aug 2023 15:42

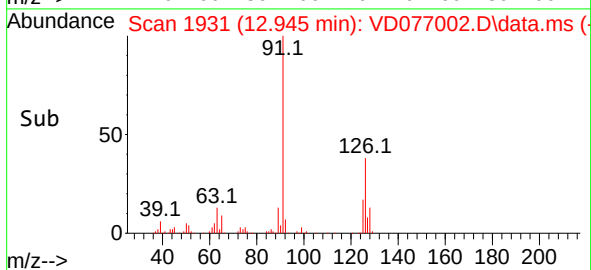
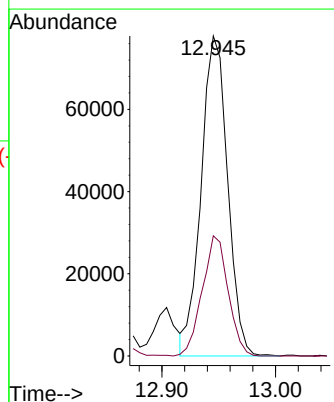
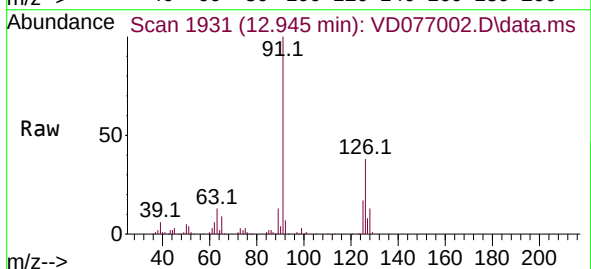
Instrument :
MSVOA_D
ClientSampleId :
VD0814SBSD01

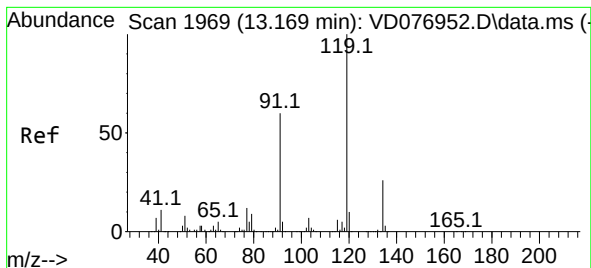
Tgt Ion:	75	Resp:	10343
Ion Ratio	Lower	Upper	
75	100		
53	84.0	63.0	94.4
89	45.2	37.9	56.9



#82
4-Chlorotoluene
Concen: 18.573 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD077002.D
Acq: 14 Aug 2023 15:42

Tgt Ion:	91	Resp:	126060
Ion Ratio	Lower	Upper	
91	100		
126	36.7	19.4	58.4





#83

tert-Butylbenzene

Concen: 19.085 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. -0.000 min

Lab File: VD077002.D

Acq: 14 Aug 2023 15:42

Instrument :

MSVOA_D

ClientSampleId :

VD0814SBSD01

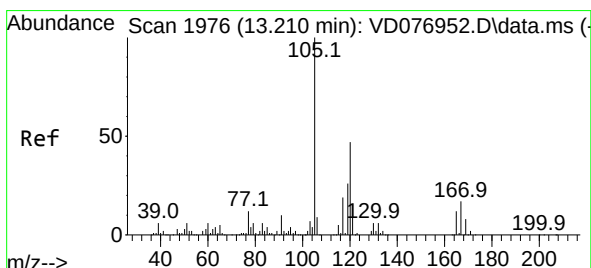
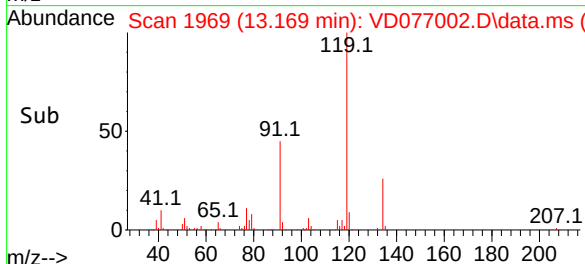
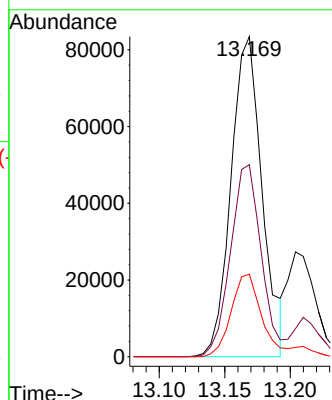
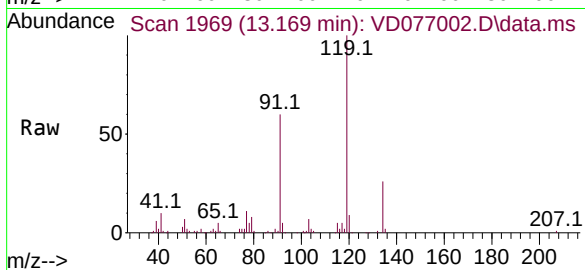
Tgt Ion:119 Resp: 137734

Ion Ratio Lower Upper

119 100

91 59.2 29.3 87.8

134 25.2 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 19.313 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. -0.000 min

Lab File: VD077002.D

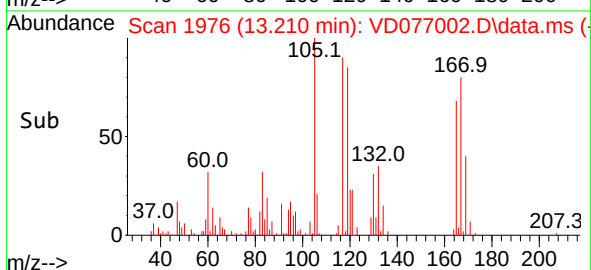
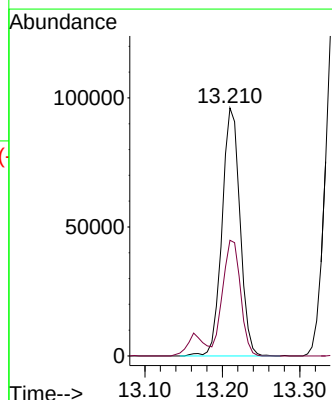
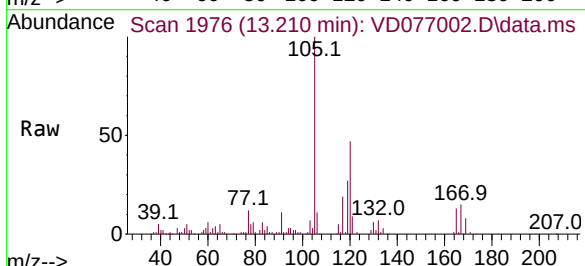
Acq: 14 Aug 2023 15:42

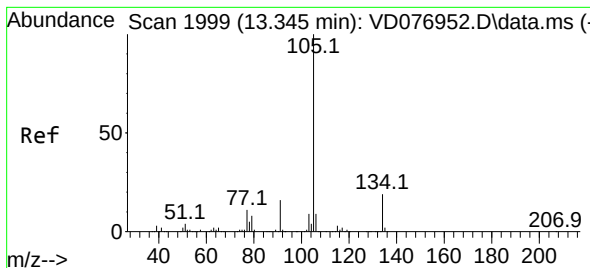
Tgt Ion:105 Resp: 154881

Ion Ratio Lower Upper

105 100

120 46.3 24.3 72.9





#85

sec-Butylbenzene

Concen: 19.359 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD077002.D

Acq: 14 Aug 2023 15:42

Instrument :

MSVOA_D

ClientSampleId :

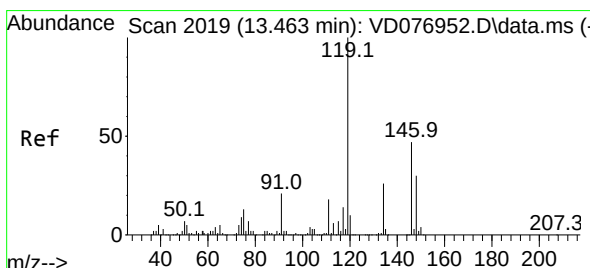
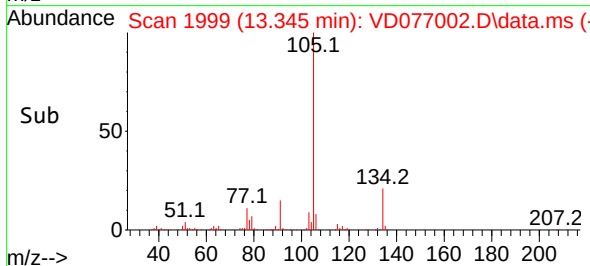
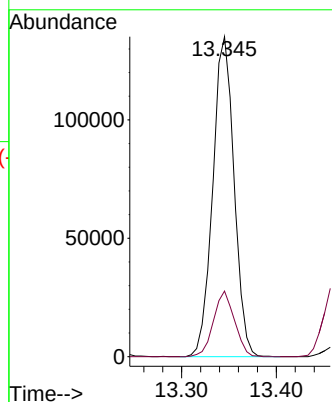
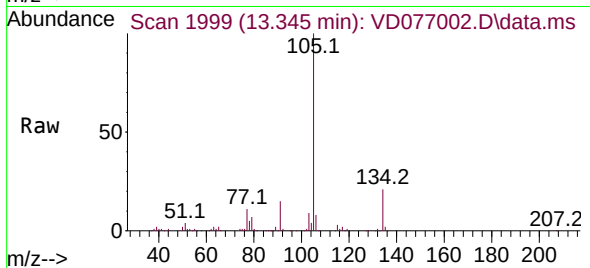
VD0814SBSD01

Tgt Ion:105 Resp: 211063

Ion Ratio Lower Upper

105 100

134 20.2 10.9 32.9



#86

p-Isopropyltoluene

Concen: 19.194 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. -0.000 min

Lab File: VD077002.D

Acq: 14 Aug 2023 15:42

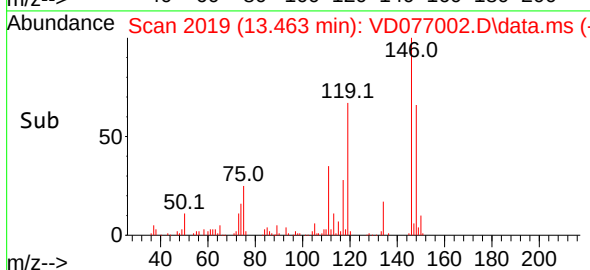
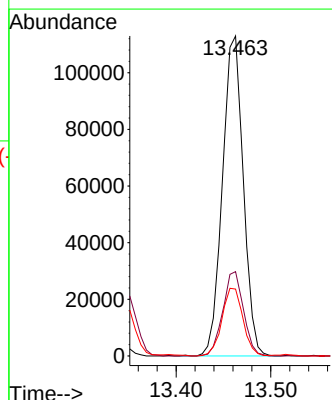
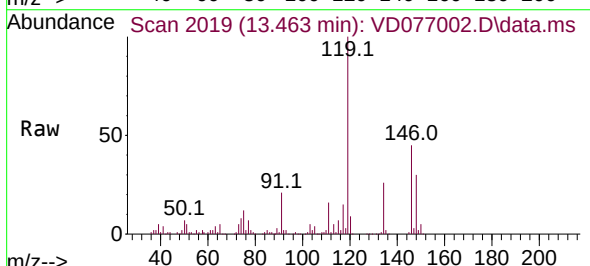
Tgt Ion:119 Resp: 172846

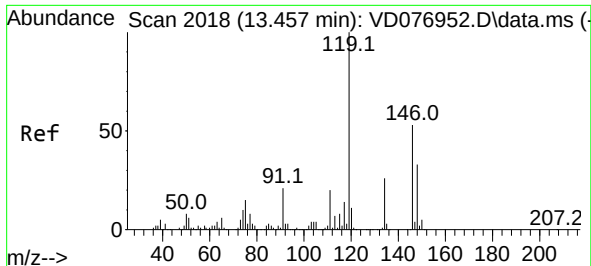
Ion Ratio Lower Upper

119 100

134 26.1 14.2 42.6

91 21.3 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 19.153 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.000 min

Lab File: VD077002.D

Acq: 14 Aug 2023 15:42

Instrument :

MSVOA_D

ClientSampleId :

VD0814SBSD01

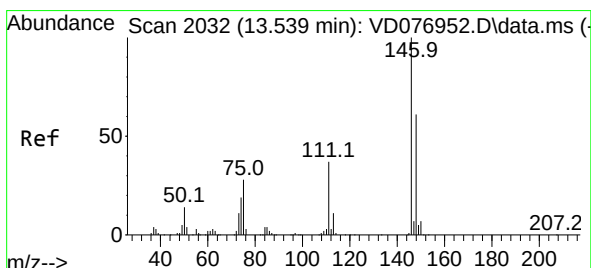
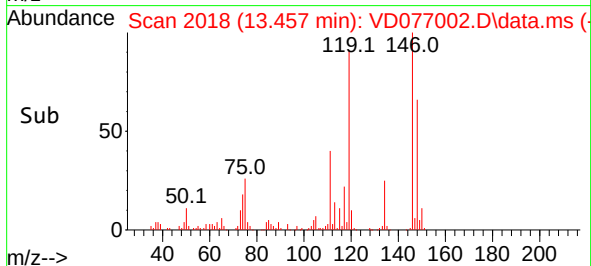
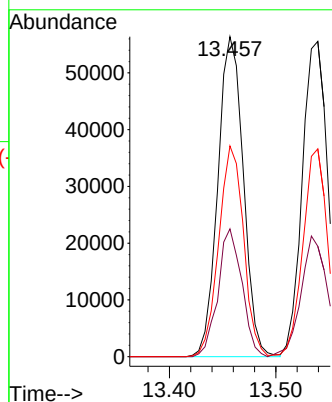
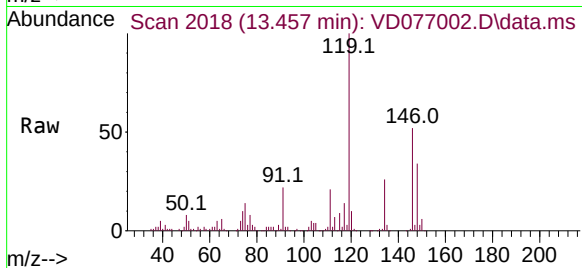
Tgt Ion:146 Resp: 93739

Ion Ratio Lower Upper

146 100

111 37.3 17.9 53.8

148 64.3 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 19.134 ug/l

RT: 13.539 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VD077002.D

Acq: 14 Aug 2023 15:42

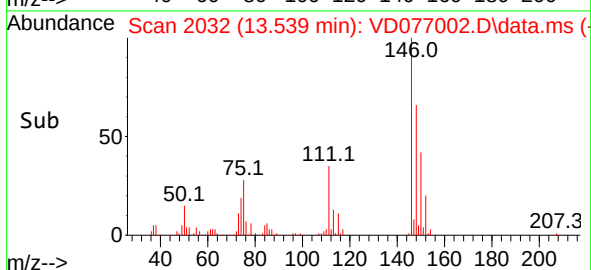
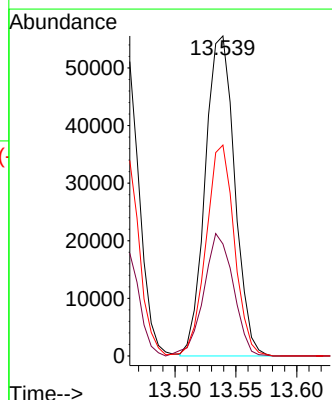
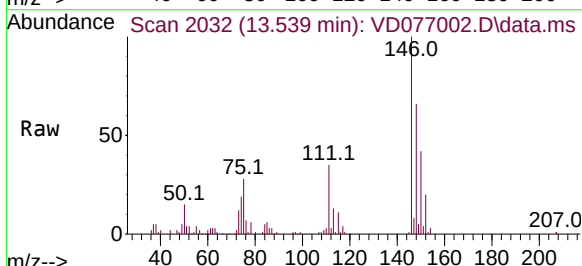
Tgt Ion:146 Resp: 93363

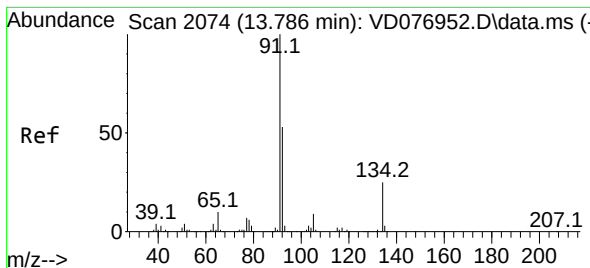
Ion Ratio Lower Upper

146 100

111 38.4 17.4 52.3

148 63.4 31.7 95.1





#89

n-Butylbenzene

Concen: 19.308 ug/l

RT: 13.786 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD077002.D

Acq: 14 Aug 2023 15:42

Instrument :

MSVOA_D

ClientSampleId :

VD0814SBSD01

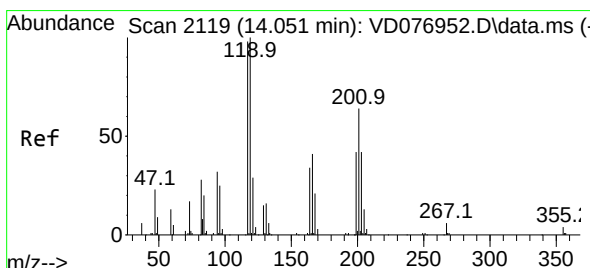
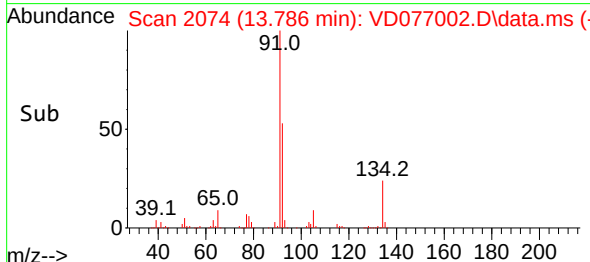
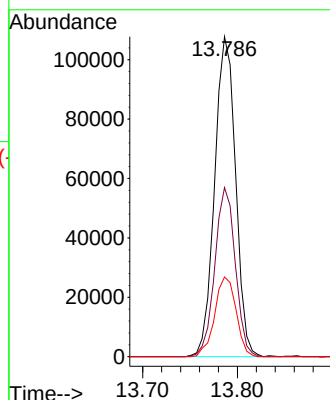
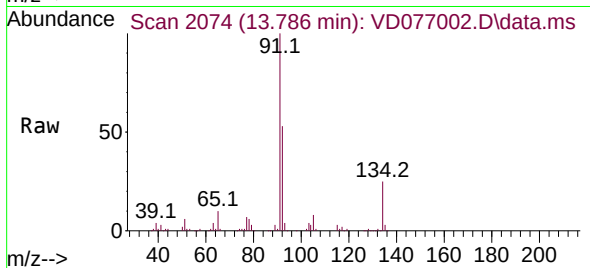
Tgt Ion: 91 Resp: 165616

Ion Ratio Lower Upper

91 100

92 51.7 26.5 79.5

134 25.4 13.8 41.3



#90

Hexachloroethane

Concen: 20.045 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. 0.000 min

Lab File: VD077002.D

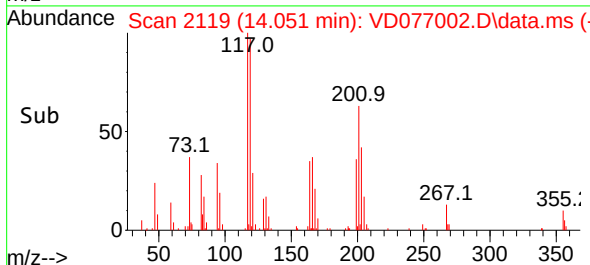
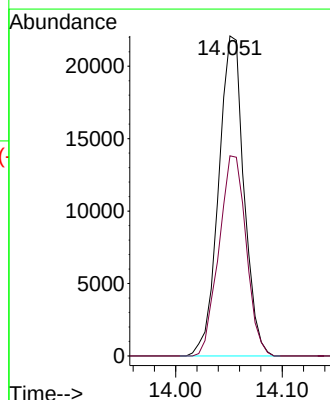
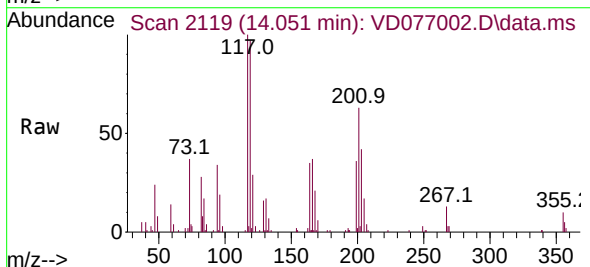
Acq: 14 Aug 2023 15:42

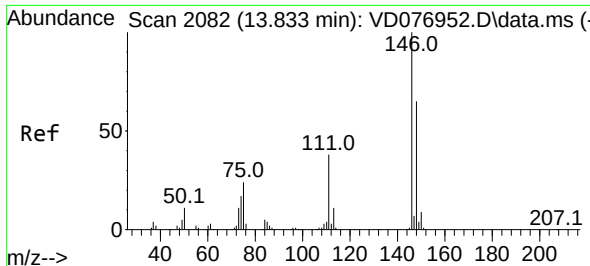
Tgt Ion: 117 Resp: 36475

Ion Ratio Lower Upper

117 100

201 67.1 38.5 115.5

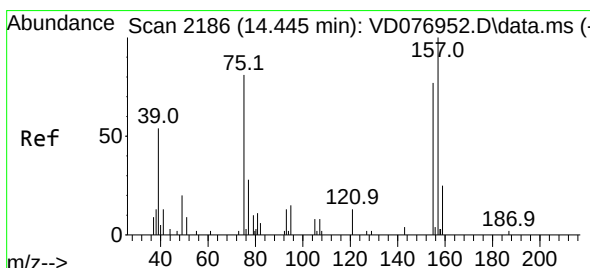
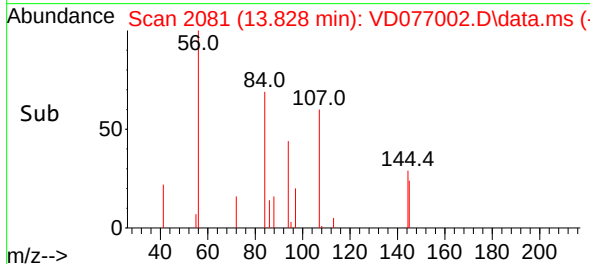
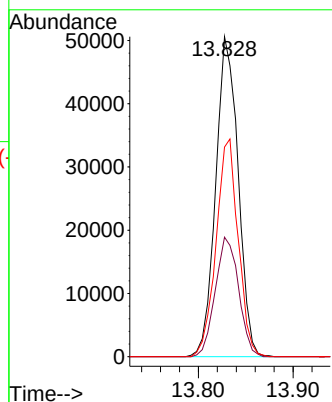
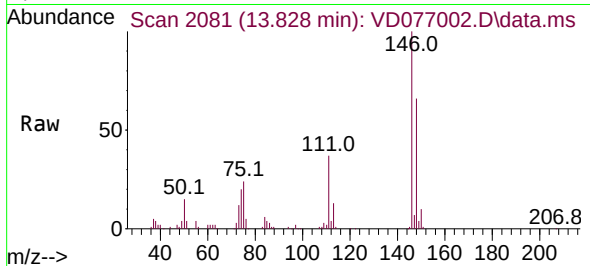




#91
1,2-Dichlorobenzene
Concen: 19.133 ug/l
RT: 13.828 min Scan# 2082
Delta R.T. -0.005 min
Lab File: VD077002.D
Acq: 14 Aug 2023 15:42

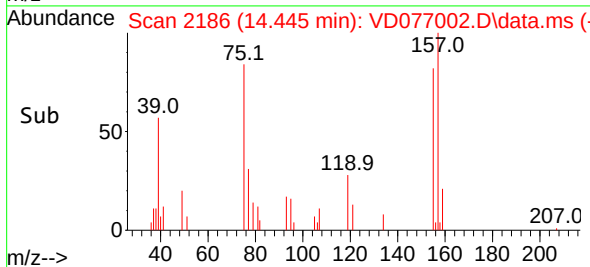
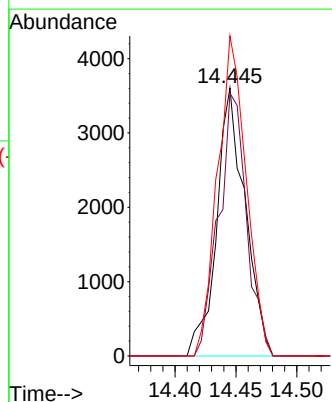
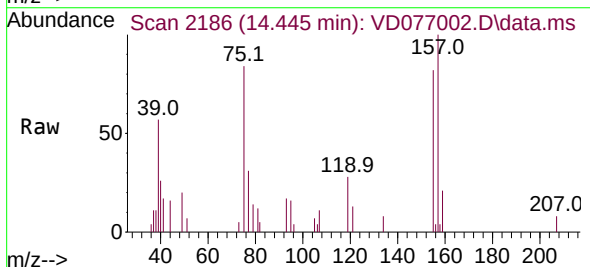
Instrument :
MSVOA_D
ClientSampleId :
VD0814SBSD01

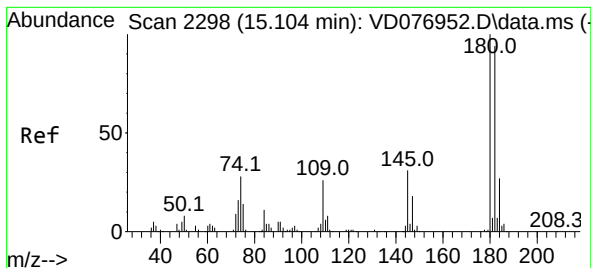
Tgt Ion:146 Resp: 83255
Ion Ratio Lower Upper
146 100
111 38.9 18.3 54.8
148 67.1 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.169 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VD077002.D
Acq: 14 Aug 2023 15:42

Tgt Ion: 75 Resp: 5859
Ion Ratio Lower Upper
75 100
155 96.5 47.9 143.8
157 120.4 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 19.494 ug/l

RT: 15.098 min Scan# 2298

Delta R.T. -0.006 min

Lab File: VD077002.D

Acq: 14 Aug 2023 15:42

Instrument :

MSVOA_D

ClientSampleId :

VD0814SBSD01

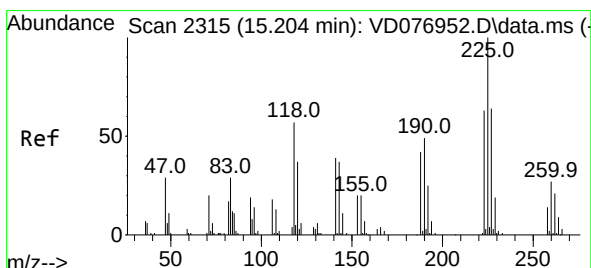
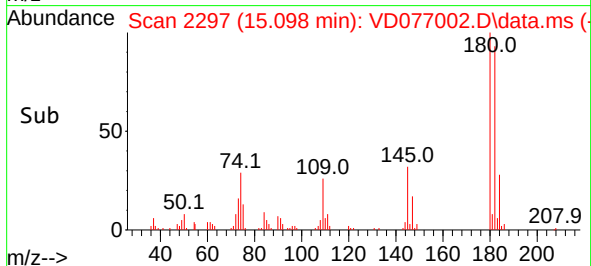
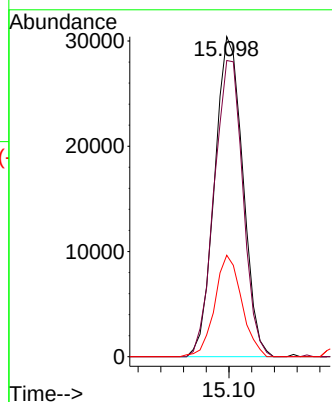
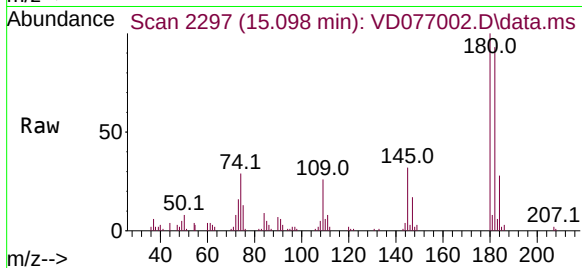
Tgt Ion:180 Resp: 52463

Ion Ratio Lower Upper

180 100

182 94.1 48.5 145.6

145 30.3 14.2 42.6



#94

Hexachlorobutadiene

Concen: 19.971 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. -0.000 min

Lab File: VD077002.D

Acq: 14 Aug 2023 15:42

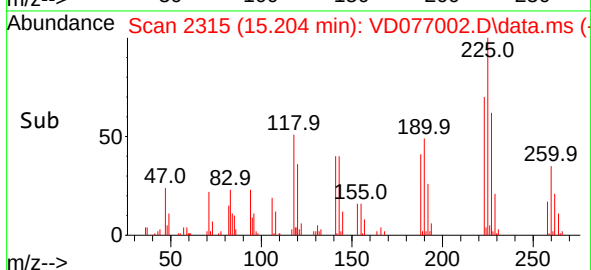
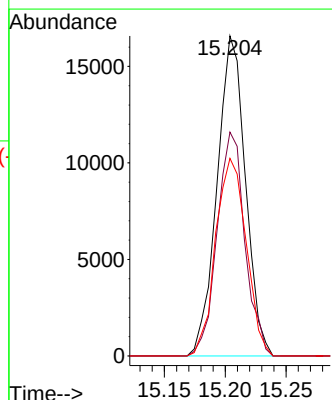
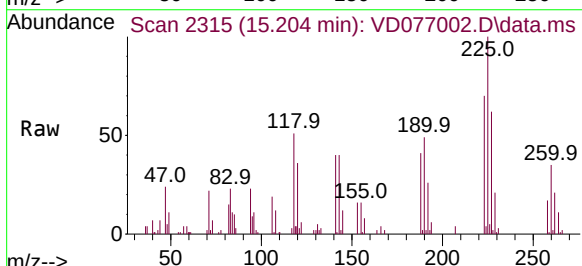
Tgt Ion:225 Resp: 26888

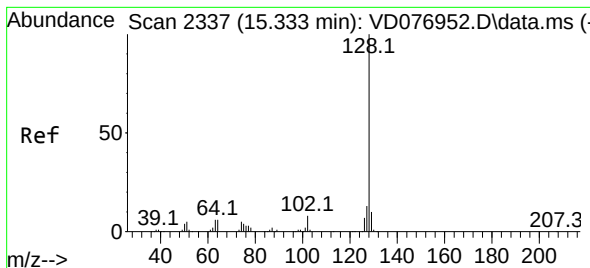
Ion Ratio Lower Upper

225 100

223 68.4 31.6 94.8

227 66.3 31.7 95.1





#95

Naphthalene

Concen: 18.361 ug/l

RT: 15.333 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD077002.D

Acq: 14 Aug 2023 15:42

Instrument :

MSVOA_D

ClientSampleId :

VD0814SBSD01

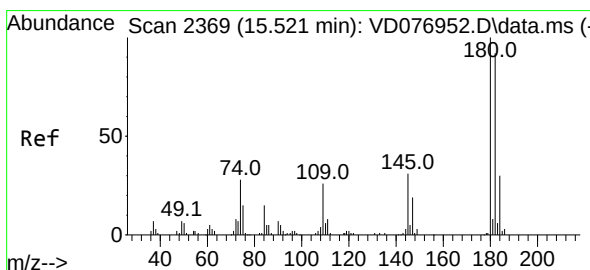
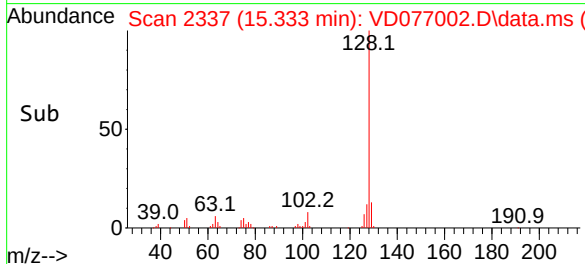
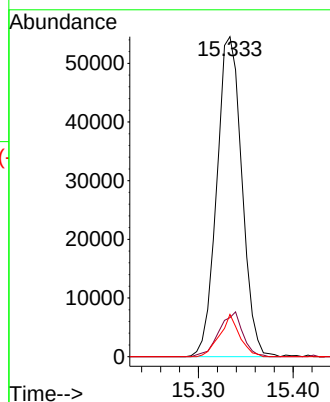
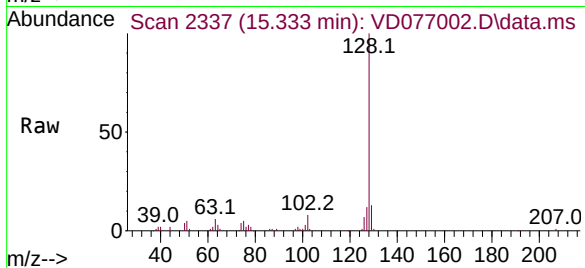
Tgt Ion:128 Resp: 100504

Ion Ratio Lower Upper

128 100

127 12.2 10.5 15.7

129 13.2 8.7 13.1#



#96

1,2,3-Trichlorobenzene

Concen: 19.170 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. 0.001 min

Lab File: VD077002.D

Acq: 14 Aug 2023 15:42

Tgt Ion:180 Resp: 45998

Ion Ratio Lower Upper

180 100

182 95.7 47.3 141.9

145 32.2 15.1 45.3

