

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091222\
 Data File : VD074253.D
 Acq On : 12 Sep 2022 13:23
 Operator : VA/SY
 Sample : VD0912SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0912SBS01

Quant Time: Sep 13 04:41:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 10 04:45:19 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.869	168	114595	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.769	114	189767	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.569	117	174040	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.504	152	83234	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.222	65	59172	50.647	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.300%
35) Dibromofluoromethane	7.805	113	62518	49.175	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.340%
50) Toluene-d8	10.263	98	244512	52.563	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.120%
62) 4-Bromofluorobenzene	12.563	95	77649	47.441	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.880%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.928	85	23770	24.991	ug/l	90
3) Chloromethane	2.140	50	20024	23.375	ug/l	96
4) Vinyl Chloride	2.276	62	16782	22.997	ug/l	91
5) Bromomethane	2.664	94	10234	26.631	ug/l	98
6) Chloroethane	2.823	64	10263	23.617	ug/l	97
7) Trichlorofluoromethane	3.158	101	43512	21.431	ug/l	99
8) Diethyl Ether	3.587	74	14022	21.406	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.952	101	28815	22.058	ug/l	99
10) Methyl Iodide	4.158	142	30902	19.850	ug/l	98
11) Tert butyl alcohol	5.064	59	9470	99.386	ug/l #	82
12) 1,1-Dichloroethene	3.922	96	28274	22.422	ug/l	99
13) Acrolein	3.793	56	10027	99.002	ug/l	100
14) Allyl chloride	4.558	41	41807	21.362	ug/l	100
15) Acrylonitrile	5.258	53	32620	106.807	ug/l	99
16) Acetone	4.022	43	26453	109.694	ug/l	95
17) Carbon Disulfide	4.258	76	83285	22.895	ug/l	98
18) Methyl Acetate	4.564	43	18223	22.587	ug/l	99
19) Methyl tert-butyl Ether	5.311	73	64433	21.093	ug/l	93
20) Methylene Chloride	4.793	84	40532	24.502	ug/l	90
21) trans-1,2-Dichloroethene	5.311	96	30372	21.350	ug/l	88
22) Diisopropyl ether	6.216	45	87850	21.153	ug/l	93
23) Vinyl Acetate	6.152	43	165828	84.558	ug/l	99
24) 1,1-Dichloroethane	6.105	63	54992	21.435	ug/l	97
25) 2-Butanone	7.081	43	41796	103.918	ug/l	98
26) 2,2-Dichloropropane	7.075	77	44756	19.968	ug/l	99
27) cis-1,2-Dichloroethene	7.075	96	34537	21.248	ug/l	96
28) Bromochloromethane	7.422	49	13478	17.106	ug/l	99
29) Tetrahydrofuran	7.440	42	26440	106.631	ug/l	98
30) Chloroform	7.593	83	55654	21.856	ug/l	87
31) Cyclohexane	7.869	56	52507	21.747	ug/l	99
32) 1,1,1-Trichloroethane	7.787	97	48337	21.635	ug/l	98
36) 1,1-Dichloropropene	7.999	75	43902	21.374	ug/l	99
37) Ethyl Acetate	7.164	43	19411	21.793	ug/l	97
38) Carbon Tetrachloride	7.987	117	40019	21.535	ug/l	97
39) Methylcyclohexane	9.269	83	54004	21.240	ug/l	97
40) Benzene	8.246	78	121205	21.323	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	9721	19.594	ug/l #	84
42) 1,2-Dichloroethane	8.322	62	32722	21.783	ug/l	97
43) Isopropyl Acetate	8.352	43	34829	20.244	ug/l	98
44) Trichloroethene	9.022	130	34015	21.558	ug/l	98
45) 1,2-Dichloropropane	9.299	63	30642	20.741	ug/l	97
46) Dibromomethane	9.393	93	16093	20.981	ug/l	98
47) Bromodichloromethane	9.581	83	40782	21.133	ug/l	98
48) Methyl methacrylate	9.375	41	17385	21.394	ug/l	98
49) 1,4-Dioxane	9.387	88	4009	441.364	ug/l	96
51) 4-Methyl-2-Pentanone	10.152	43	91885	105.667	ug/l	99
52) Toluene	10.328	92	78450	21.517	ug/l	99
53) t-1,3-Dichloropropene	10.546	75	36607	20.124	ug/l	92
54) cis-1,3-Dichloropropene	10.010	75	46751	20.860	ug/l	97
55) 1,1,2-Trichloroethane	10.722	97	22978	21.671	ug/l	94
56) Ethyl methacrylate	10.593	69	30193	21.432	ug/l	99
57) 1,3-Dichloropropane	10.875	76	39514	21.116	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.863	63	30612	112.490	ug/l	98
59) 2-Hexanone	10.910	43	63787	108.023	ug/l	99
60) Dibromochloromethane	11.069	129	27575	21.356	ug/l	98
61) 1,2-Dibromoethane	11.175	107	21990	21.790	ug/l	99
64) Tetrachloroethene	10.799	164	27608	20.747	ug/l	86
65) Chlorobenzene	11.599	112	81620	20.861	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.669	131	28522	20.354	ug/l	99
67) Ethyl Benzene	11.675	91	150387	20.577	ug/l	100
68) m/p-Xylenes	11.787	106	115150	41.513	ug/l	98
69) o-Xylene	12.110	106	54289	20.709	ug/l	97
70) Styrene	12.122	104	91935	21.027	ug/l	99
71) Bromoform	12.287	173	16825	21.567	ug/l #	99
73) Isopropylbenzene	12.410	105	145590	20.674	ug/l	100
74) N-amyl acetate	12.222	43	34197	20.621	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.663	83	26601	20.745	ug/l	98
76) 1,2,3-Trichloropropane	12.710	75	30924	36.242	ug/l #	100
77) Bromobenzene	12.687	156	32761	21.199	ug/l	98
78) n-propylbenzene	12.751	91	178823	20.708	ug/l	99
79) 2-Chlorotoluene	12.834	91	99161	21.228	ug/l	100
80) 1,3,5-Trimethylbenzene	12.893	105	122190	20.943	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.457	75	6805	19.663	ug/l #	100
82) 4-Chlorotoluene	12.934	91	99463	20.914	ug/l	97
83) tert-Butylbenzene	13.151	119	101970	19.968	ug/l	96
84) 1,2,4-Trimethylbenzene	13.198	105	119904	21.169	ug/l	99
85) sec-Butylbenzene	13.328	105	159123	20.570	ug/l	99
86) p-Isopropyltoluene	13.446	119	134098	21.223	ug/l	100
87) 1,3-Dichlorobenzene	13.446	146	66320	21.042	ug/l	99
88) 1,4-Dichlorobenzene	13.522	146	65336	21.080	ug/l	99
89) n-Butylbenzene	13.769	91	130213	21.089	ug/l	100
90) Hexachloroethane	14.040	117	25232	21.829	ug/l	99
91) 1,2-Dichlorobenzene	13.816	146	57048	20.813	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.428	75	3733	20.718	ug/l	92
93) 1,2,4-Trichlorobenzene	15.081	180	39175	20.676	ug/l	97
94) Hexachlorobutadiene	15.181	225	23056	21.295	ug/l	95
95) Naphthalene	15.310	128	72537	20.489	ug/l	99
96) 1,2,3-Trichlorobenzene	15.504	180	33534	20.617	ug/l	99

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QLast Update : Sat Sep 10 04:45:19 2022
Response via : Initial Calibration

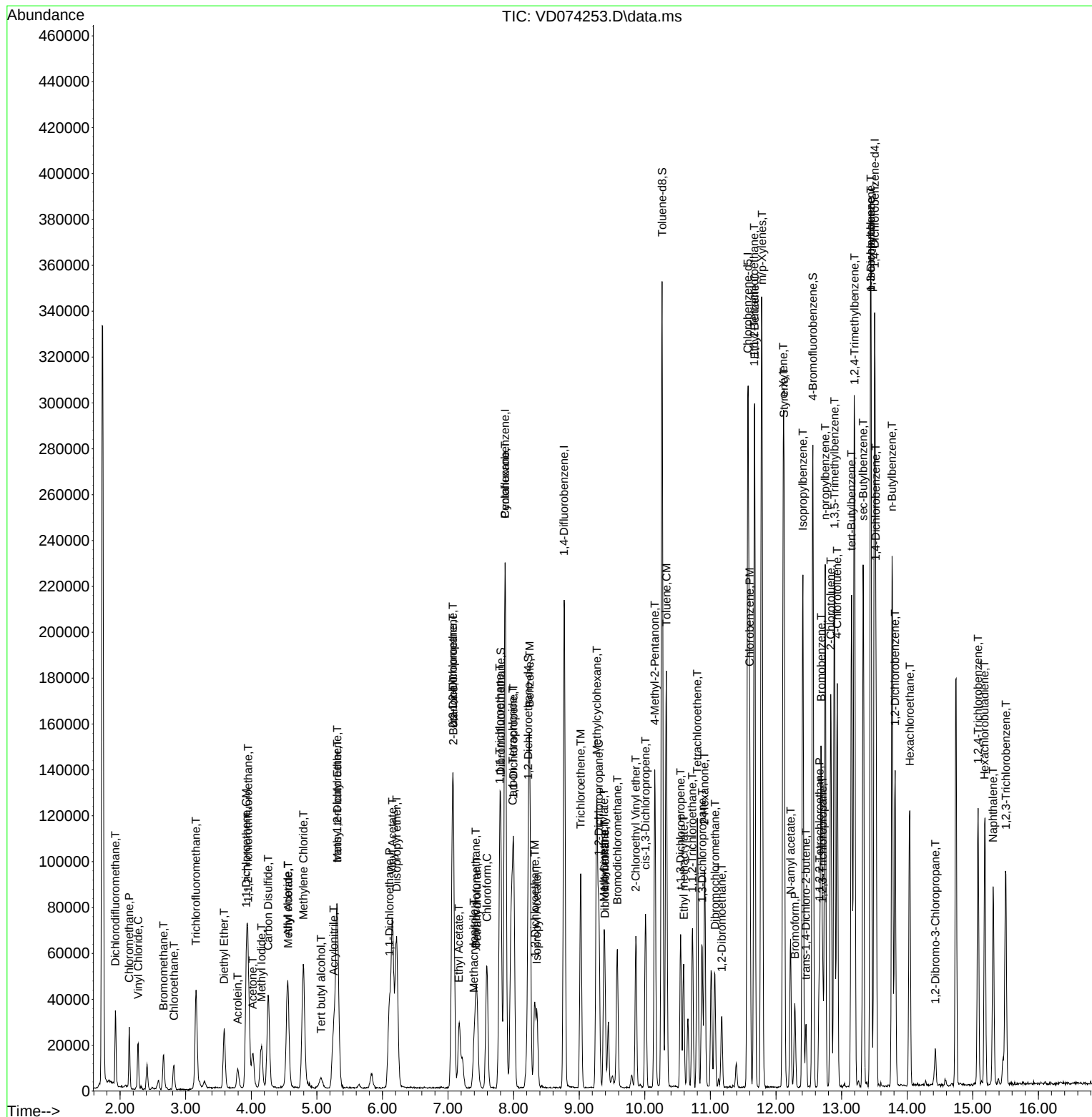
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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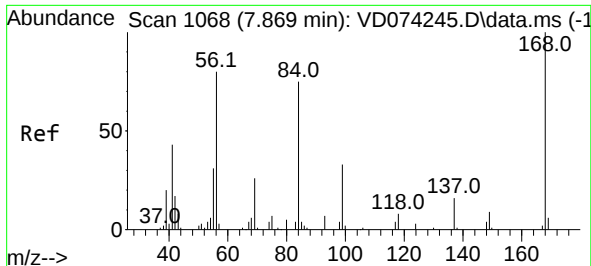
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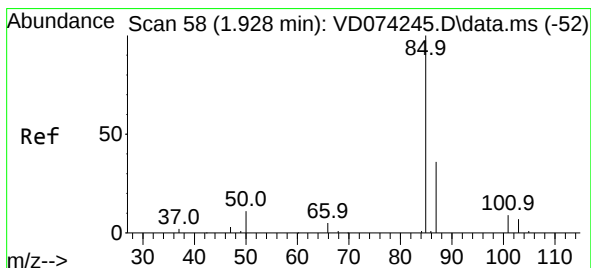
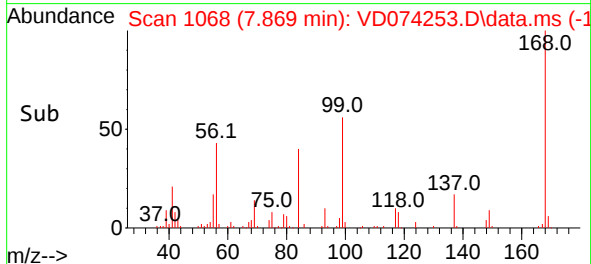
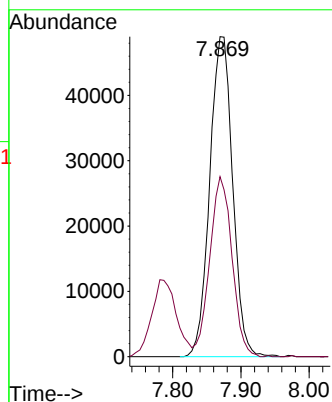
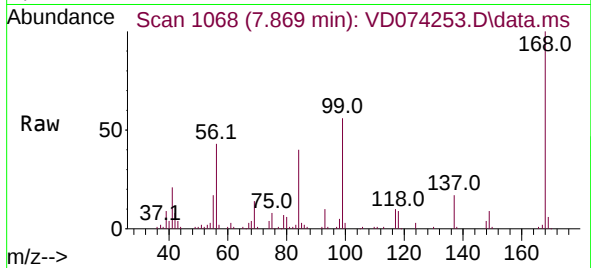




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VD074253.D
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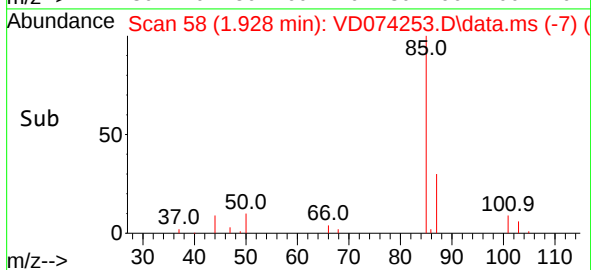
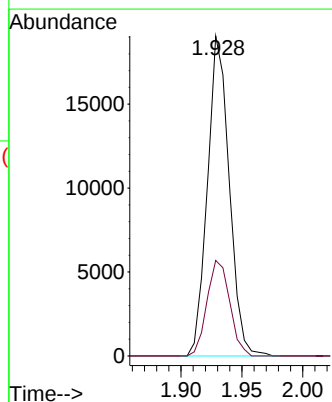
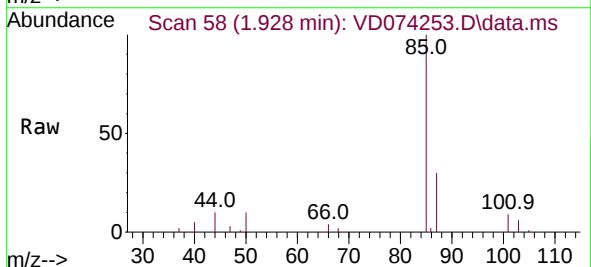
Instrument :
MSVOA_D
ClientSampleId :
VD0912SBS01

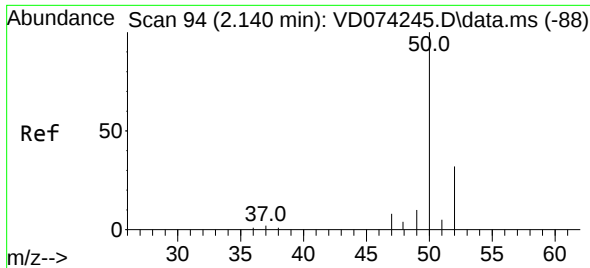
Tgt Ion:168 Resp: 114595
Ion Ratio Lower Upper
168 100
99 56.3 43.0 64.6



#2
Dichlorodifluoromethane
Concen: 24.991 ug/l
RT: 1.928 min Scan# 58
Delta R.T. 0.000 min
Lab File: VD074253.D
Acq: 12 Sep 2022 13:23

Tgt Ion: 85 Resp: 23770
Ion Ratio Lower Upper
85 100
87 29.8 17.9 53.7

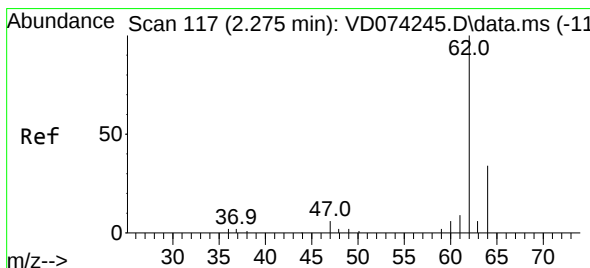
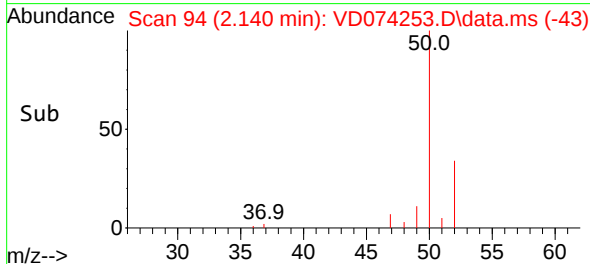
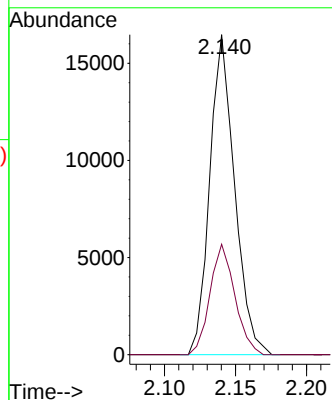
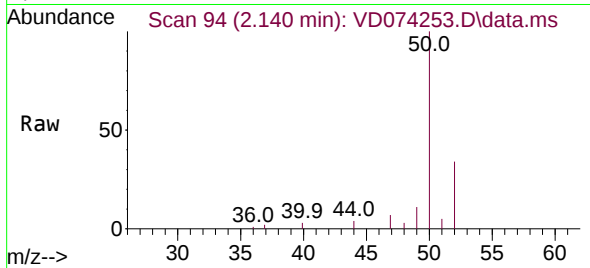




#3
Chloromethane
Concen: 23.375 ug/l
RT: 2.140 min Scan# 94
Delta R.T. 0.000 min
Lab File: VD074253.D
Acq: 12 Sep 2022 13:23

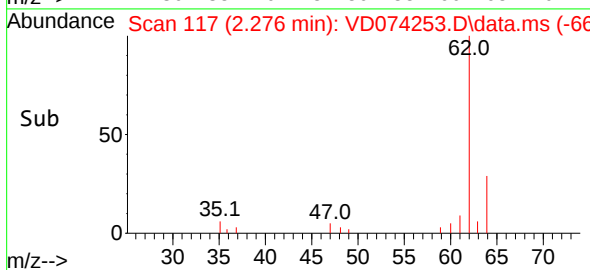
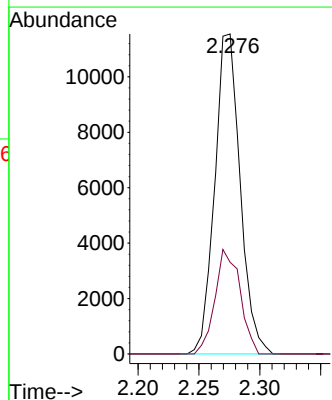
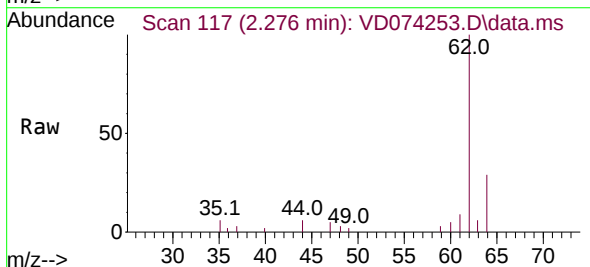
Instrument :
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ClientSampleId :
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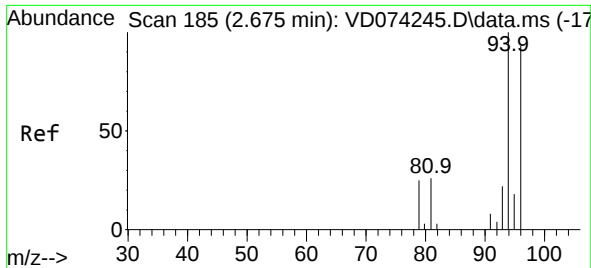
Tgt Ion: 50 Resp: 20024
Ion Ratio Lower Upper
50 100
52 34.5 25.8 38.8



#4
Vinyl Chloride
Concen: 22.997 ug/l
RT: 2.276 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD074253.D
Acq: 12 Sep 2022 13:23

Tgt Ion: 62 Resp: 16782
Ion Ratio Lower Upper
62 100
64 28.7 27.0 40.4

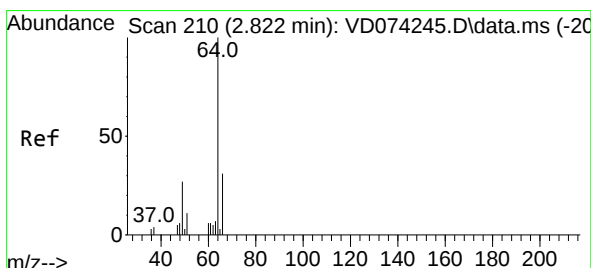
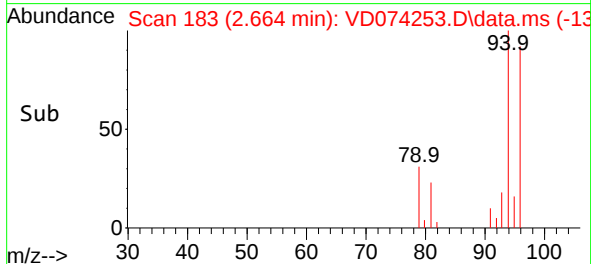
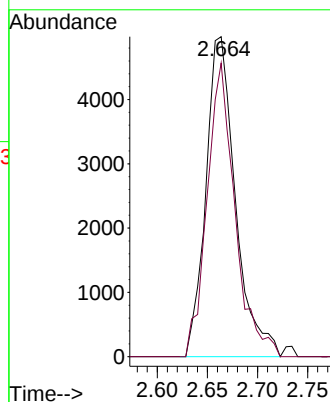
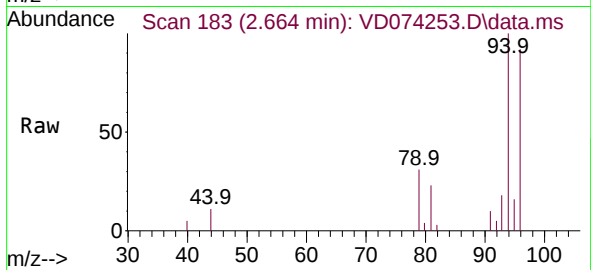




#5
Bromomethane
Concen: 26.631 ug/l
RT: 2.664 min Scan# 11
Delta R.T. -0.012 min
Lab File: VD074253.D
Acq: 12 Sep 2022 13:23

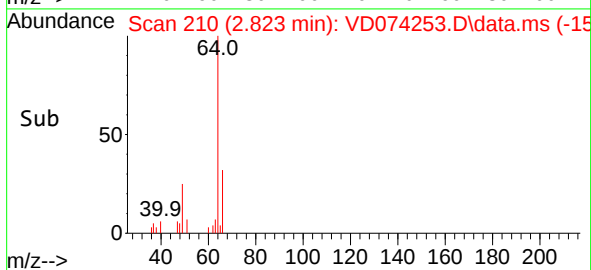
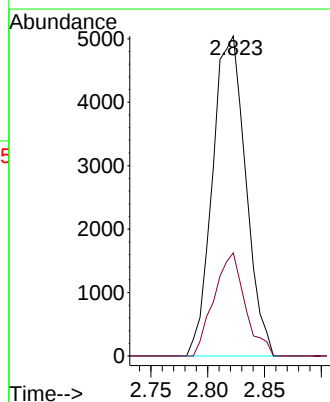
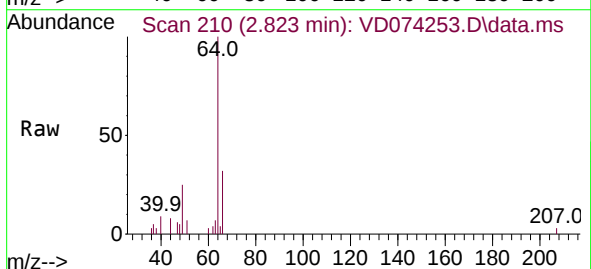
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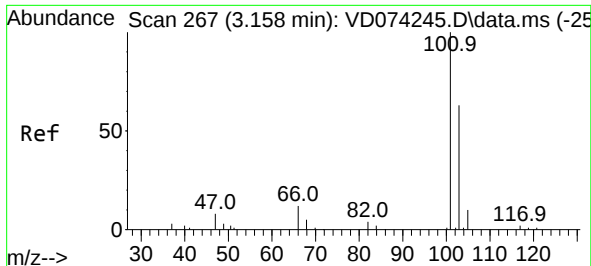
Tgt Ion: 94 Resp: 10234
Ion Ratio Lower Upper
94 100
96 91.8 74.6 112.0



#6
Chloroethane
Concen: 23.617 ug/l
RT: 2.823 min Scan# 210
Delta R.T. 0.000 min
Lab File: VD074253.D
Acq: 12 Sep 2022 13:23

Tgt Ion: 64 Resp: 10263
Ion Ratio Lower Upper
64 100
66 32.2 24.6 36.8

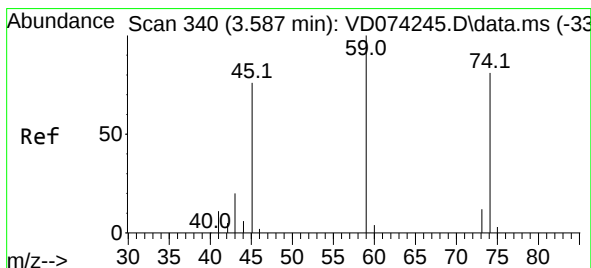
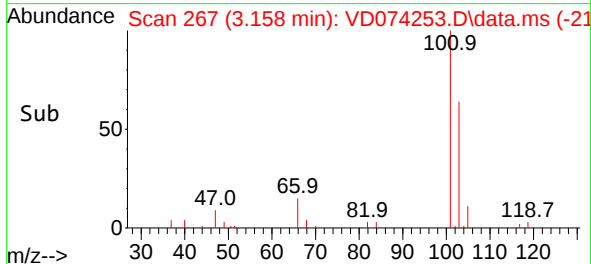
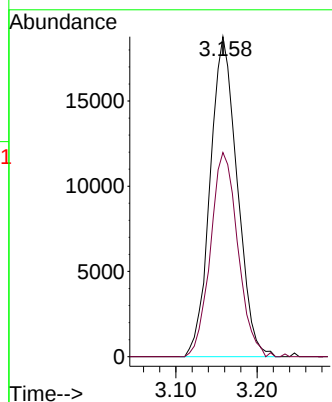
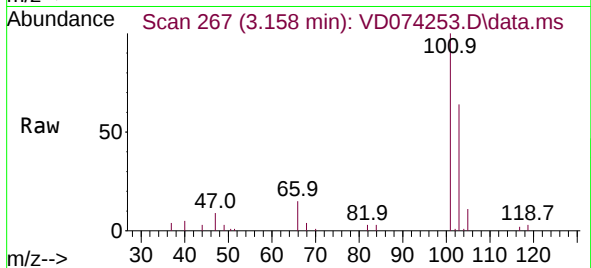




#7
 Trichlorofluoromethane
 Concen: 21.431 ug/l
 RT: 3.158 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD074253.D
 Acq: 12 Sep 2022 13:23

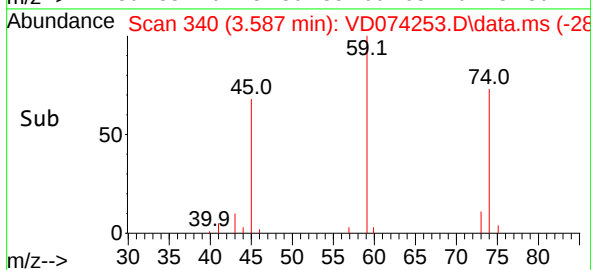
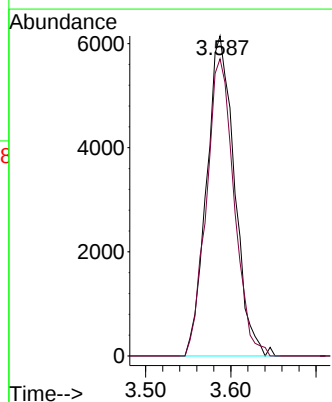
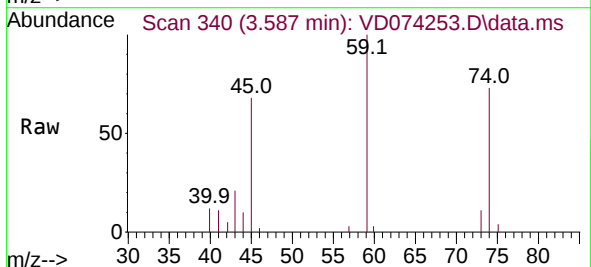
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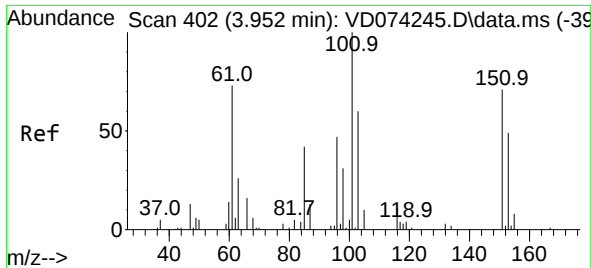
Tgt Ion:101 Resp: 43512
 Ion Ratio Lower Upper
 101 100
 103 63.8 50.6 76.0



#8
 Diethyl Ether
 Concen: 21.406 ug/l
 RT: 3.587 min Scan# 340
 Delta R.T. 0.000 min
 Lab File: VD074253.D
 Acq: 12 Sep 2022 13:23

Tgt Ion: 74 Resp: 14022
 Ion Ratio Lower Upper
 74 100
 45 91.9 47.9 143.6

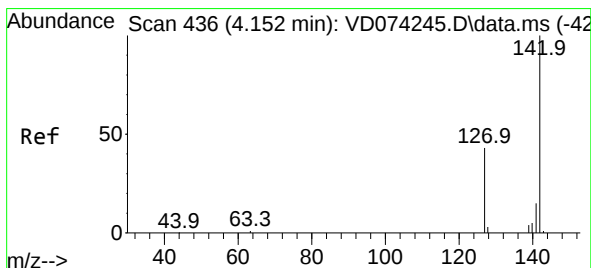
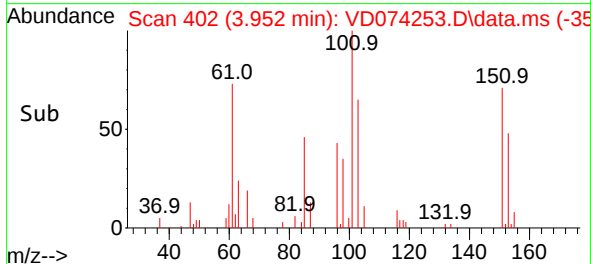
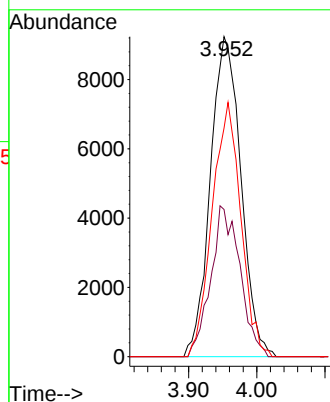
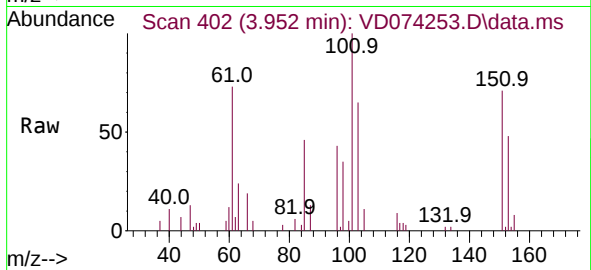




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.058 ug/l
RT: 3.952 min Scan# 402
Delta R.T. 0.000 min
Lab File: VD074253.D
Acq: 12 Sep 2022 13:23

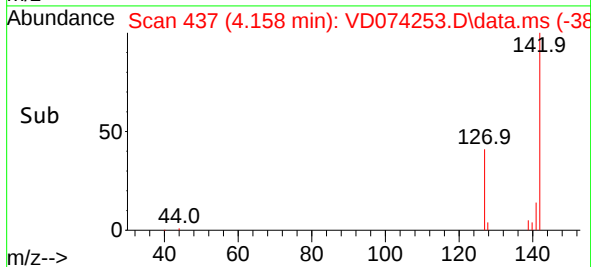
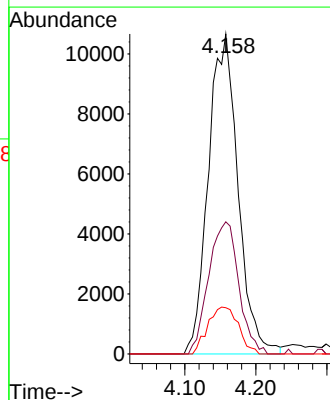
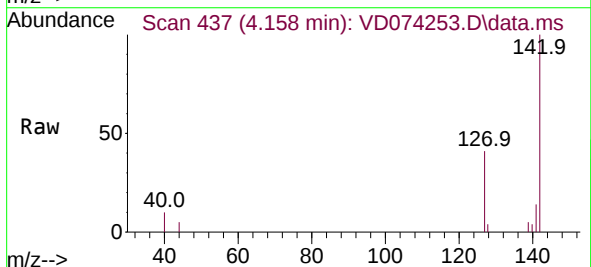
Instrument :
MSVOA_D
ClientSampleId :
VD0912SBS01

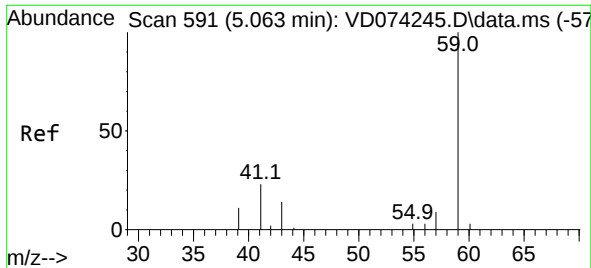
Tgt Ion:	101	Resp:	28815
Ion	Ratio	Lower	Upper
101	100		
85	45.1	35.0	52.4
151	74.6	59.7	89.5



#10
Methyl Iodide
Concen: 19.850 ug/l
RT: 4.158 min Scan# 437
Delta R.T. 0.006 min
Lab File: VD074253.D
Acq: 12 Sep 2022 13:23

Tgt Ion:	142	Resp:	30902
Ion	Ratio	Lower	Upper
142	100		
127	41.9	34.6	51.8
141	15.1	11.7	17.5

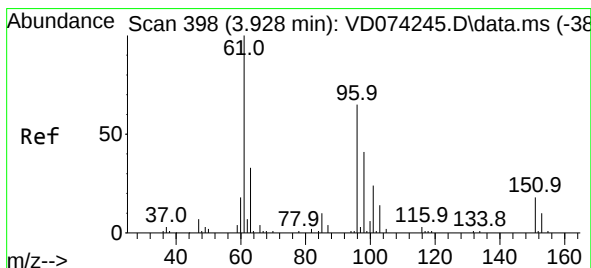
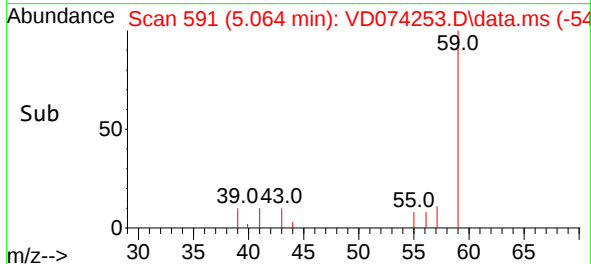
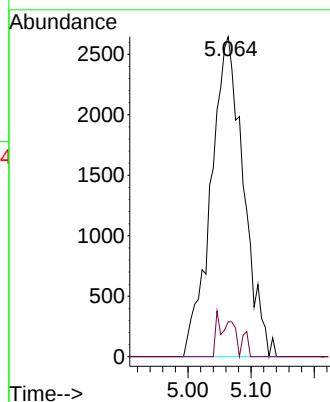
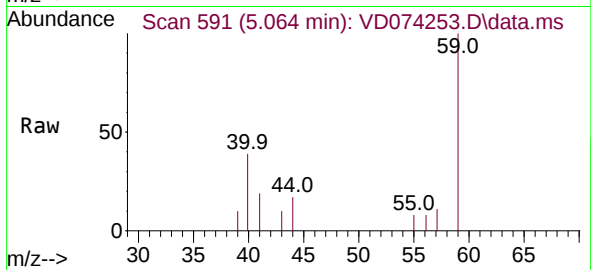




#11
Tert butyl alcohol
Concen: 99.386 ug/l
RT: 5.064 min Scan# 591
Delta R.T. 0.000 min
Lab File: VD074253.D
Acq: 12 Sep 2022 13:23

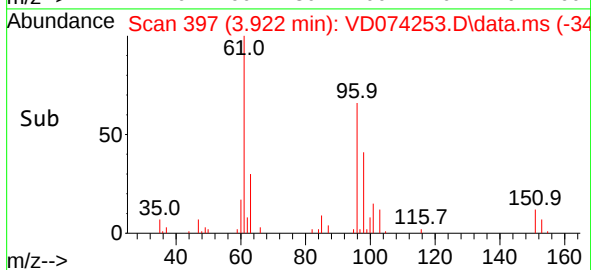
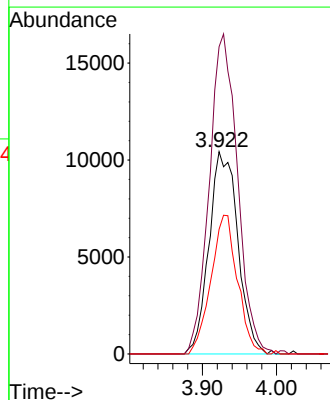
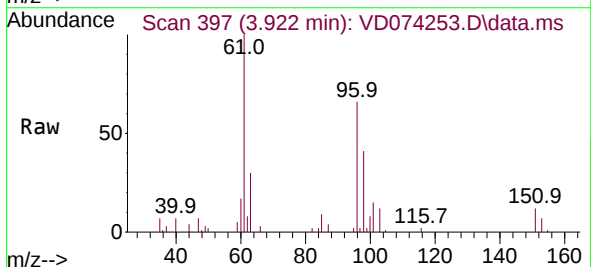
Instrument :
MSVOA_D
ClientSampleId :
VD0912SBS01

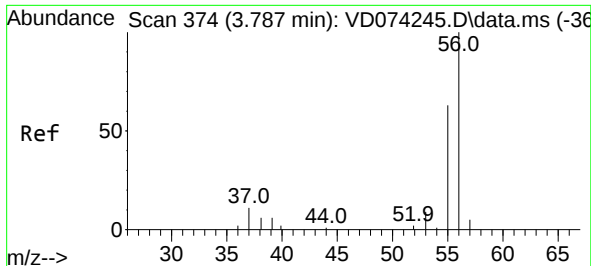
Tgt Ion: 59 Resp: 9470
Ion Ratio Lower Upper
59 100
57 3.0 7.7 11.5#



#12
1,1-Dichloroethene
Concen: 22.422 ug/l
RT: 3.922 min Scan# 397
Delta R.T. -0.006 min
Lab File: VD074253.D
Acq: 12 Sep 2022 13:23

Tgt Ion: 96 Resp: 28274
Ion Ratio Lower Upper
96 100
61 151.9 122.3 183.5
98 61.6 50.7 76.1

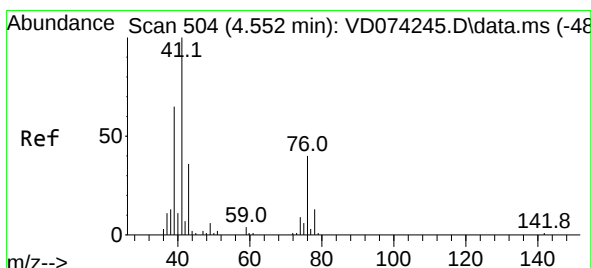
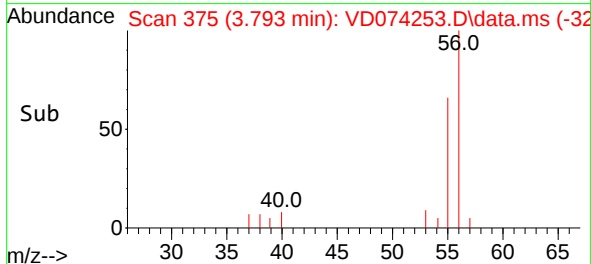
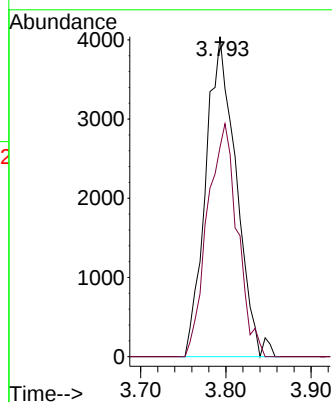
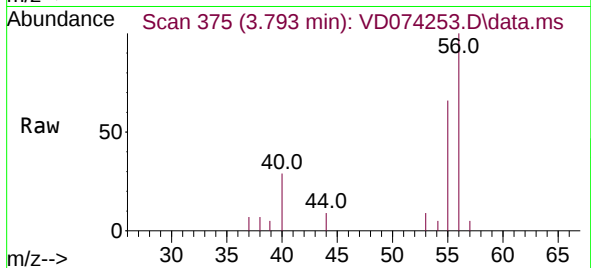




#13
Acrolein
Concen: 99.002 ug/l
RT: 3.793 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD074253.D
Acq: 12 Sep 2022 13:23

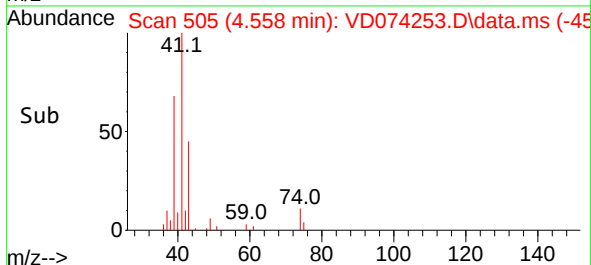
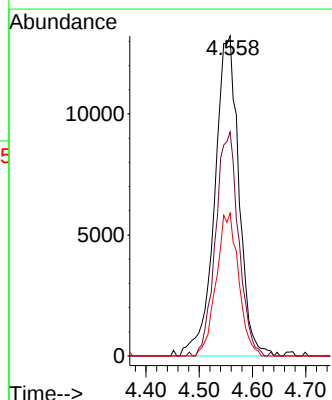
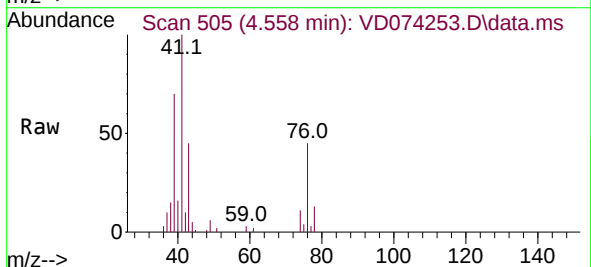
Instrument :
MSVOA_D
ClientSampleId :
VD0912SBS01

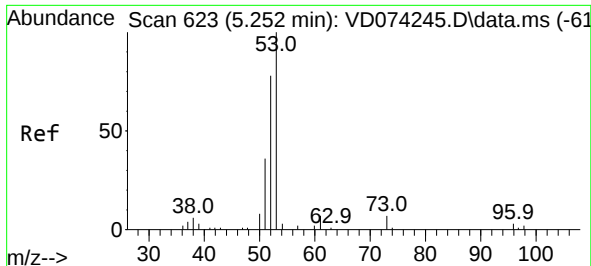
Tgt Ion: 56 Resp: 10027
Ion Ratio Lower Upper
56 100
55 71.9 57.4 86.2



#14
Allyl chloride
Concen: 21.362 ug/l
RT: 4.558 min Scan# 505
Delta R.T. 0.006 min
Lab File: VD074253.D
Acq: 12 Sep 2022 13:23

Tgt Ion: 41 Resp: 41807
Ion Ratio Lower Upper
41 100
39 66.1 52.8 79.2
76 41.1 32.9 49.3





#15

Acrylonitrile

Concen: 106.807 ug/l

RT: 5.258 min Scan# 61

Delta R.T. 0.006 min

Lab File: VD074253.D

Acq: 12 Sep 2022 13:23

Instrument :

MSVOA_D

ClientSampleId :

VD0912SBS01

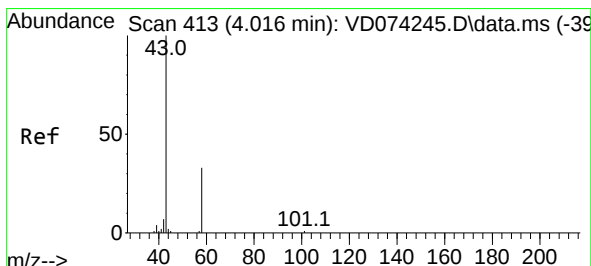
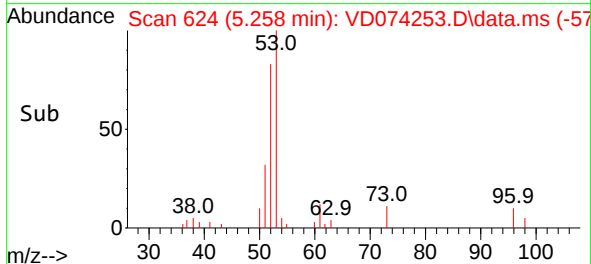
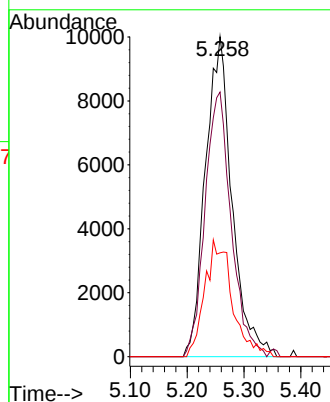
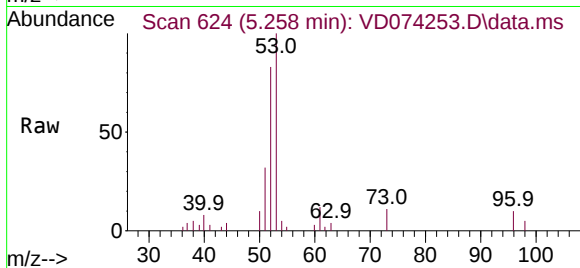
Tgt Ion: 53 Resp: 32620

Ion Ratio Lower Upper

53 100

52 81.1 65.3 97.9

51 37.7 29.0 43.6



#16

Acetone

Concen: 109.694 ug/l

RT: 4.022 min Scan# 414

Delta R.T. 0.006 min

Lab File: VD074253.D

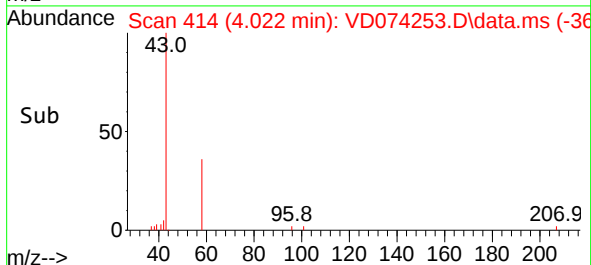
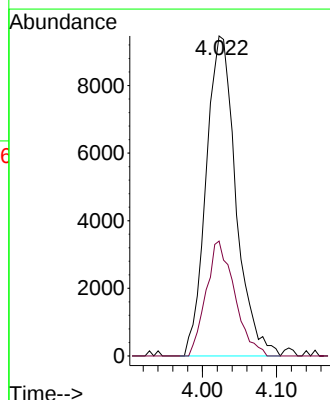
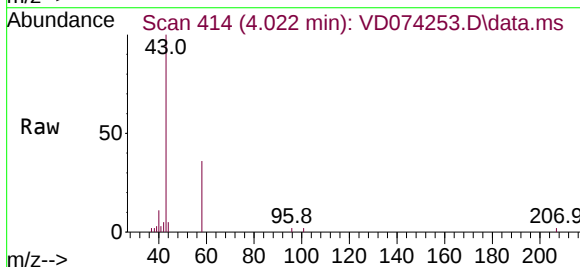
Acq: 12 Sep 2022 13:23

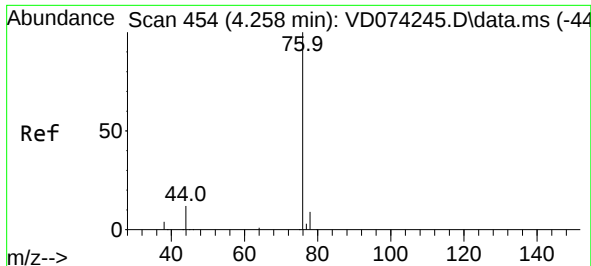
Tgt Ion: 43 Resp: 26453

Ion Ratio Lower Upper

43 100

58 35.9 26.4 39.6

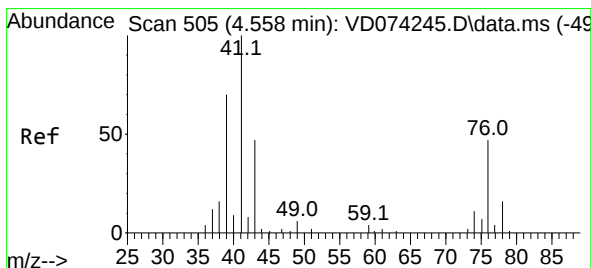
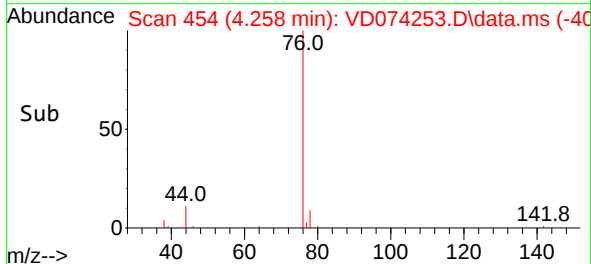
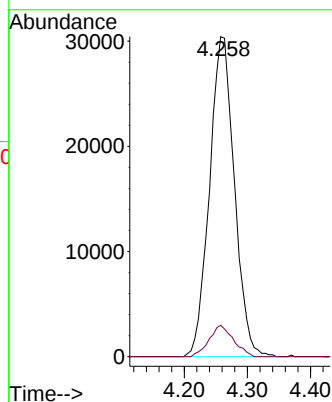
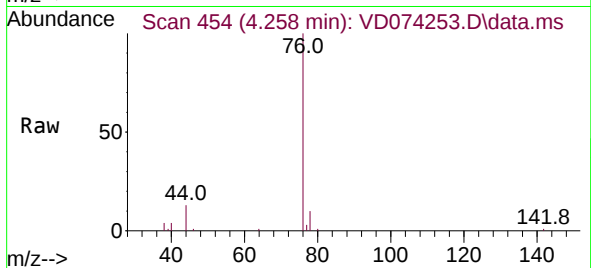




#17
Carbon Disulfide
Concen: 22.895 ug/l
RT: 4.258 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD074253.D
Acq: 12 Sep 2022 13:23

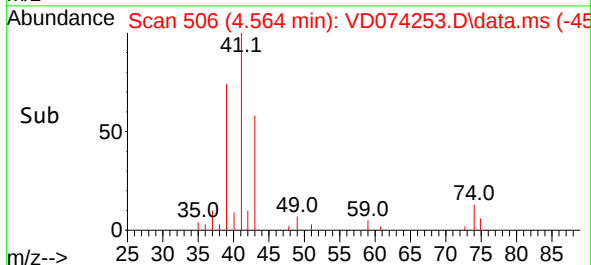
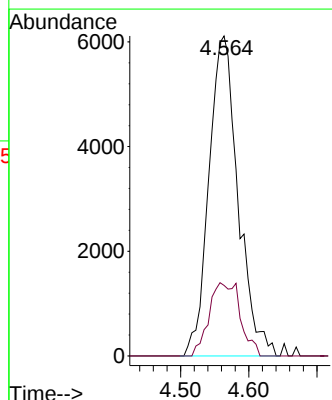
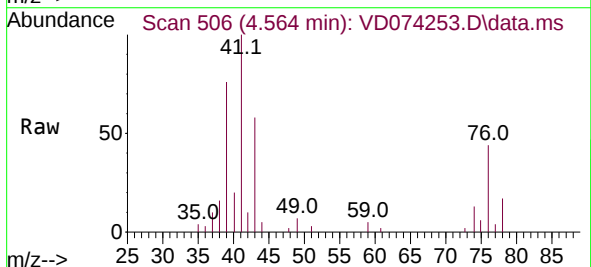
Instrument :
MSVOA_D
ClientSampleId :
VD0912SBS01

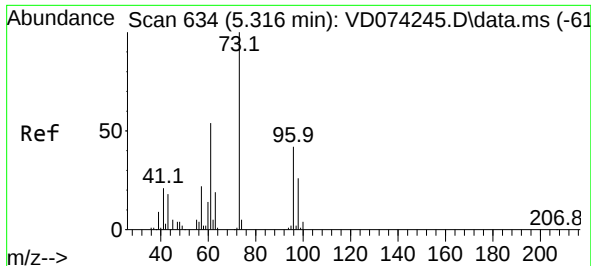
Tgt Ion: 76 Resp: 83285
Ion Ratio Lower Upper
76 100
78 9.8 7.2 10.8



#18
Methyl Acetate
Concen: 22.587 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.006 min
Lab File: VD074253.D
Acq: 12 Sep 2022 13:23

Tgt Ion: 43 Resp: 18223
Ion Ratio Lower Upper
43 100
74 24.5 19.3 28.9





#19

Methyl tert-butyl Ether

Concen: 21.093 ug/l

RT: 5.311 min Scan# 61

Delta R.T. -0.006 min

Lab File: VD074253.D

Acq: 12 Sep 2022 13:23

Instrument :

MSVOA_D

ClientSampleId :

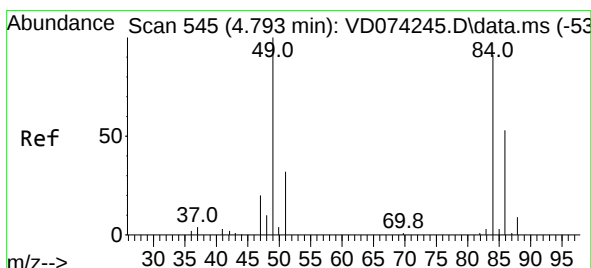
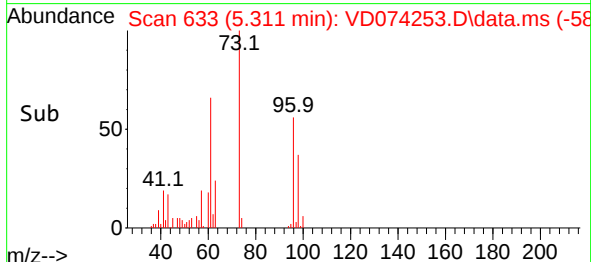
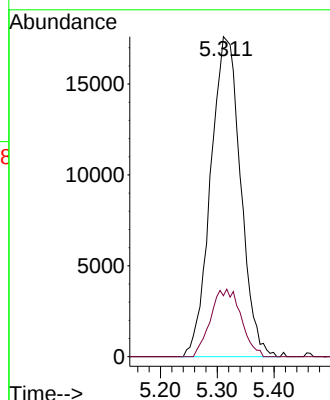
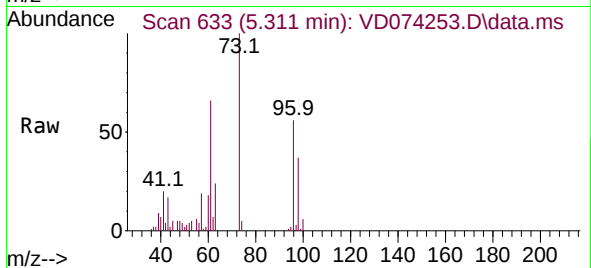
VD0912SBS01

Tgt Ion: 73 Resp: 64433

Ion Ratio Lower Upper

73 100

57 19.0 17.8 26.6



#20

Methylene Chloride

Concen: 24.502 ug/l

RT: 4.793 min Scan# 545

Delta R.T. 0.000 min

Lab File: VD074253.D

Acq: 12 Sep 2022 13:23

Tgt Ion: 84 Resp: 40532

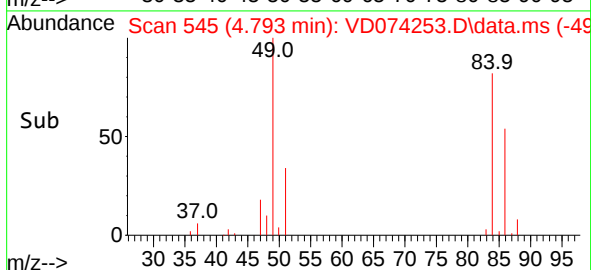
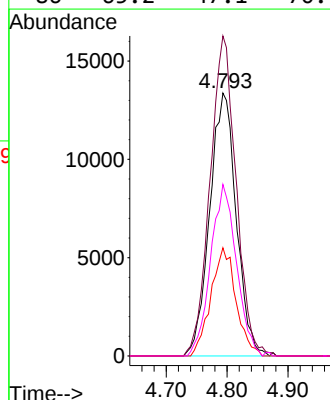
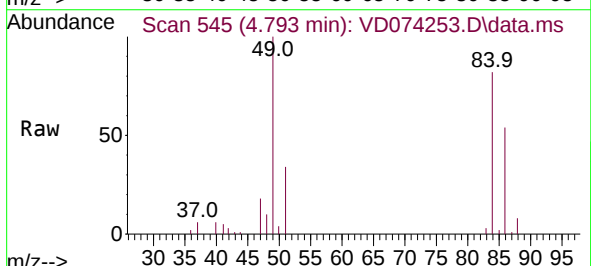
Ion Ratio Lower Upper

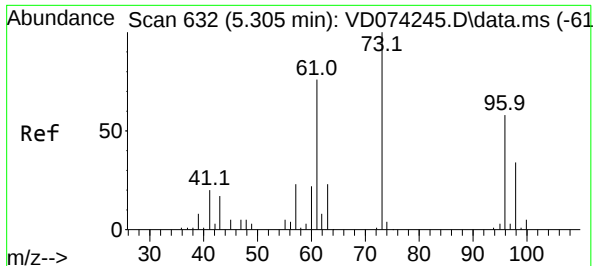
84 100

49 121.7 88.4 132.6

51 41.1 28.0 42.0

86 65.2 47.1 70.7

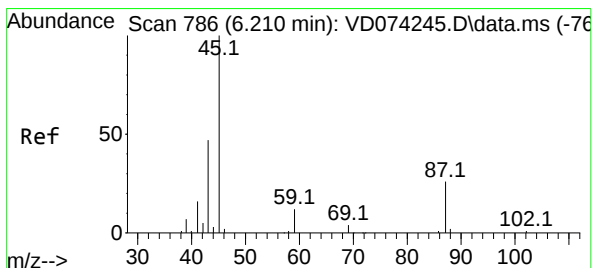
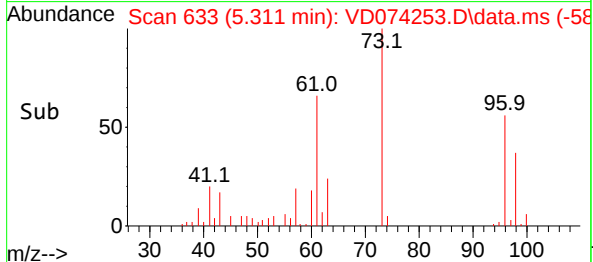
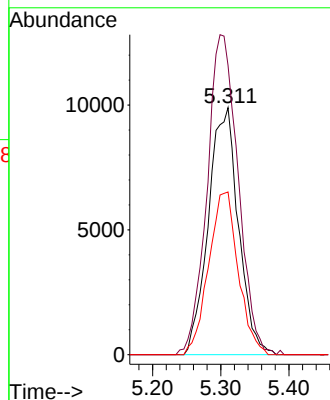
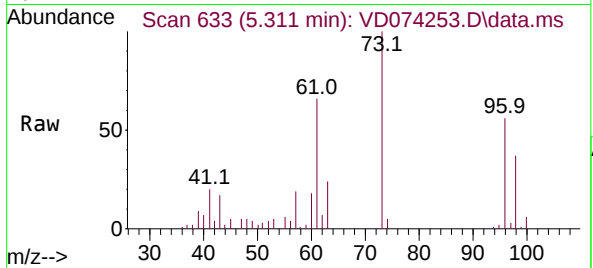




#21
trans-1,2-Dichloroethene
Concen: 21.350 ug/l
RT: 5.311 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD074253.D
Acq: 12 Sep 2022 13:23

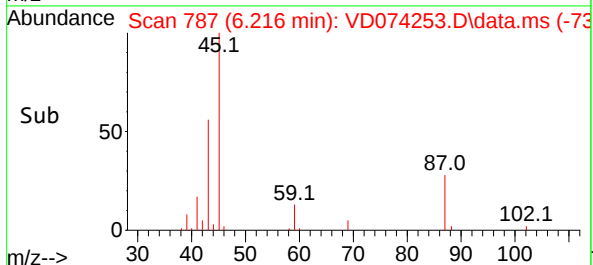
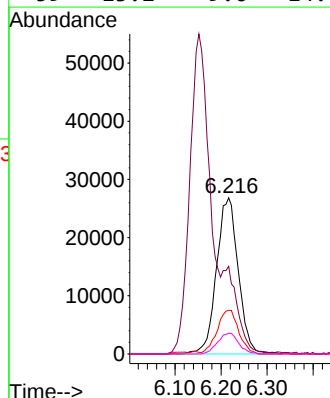
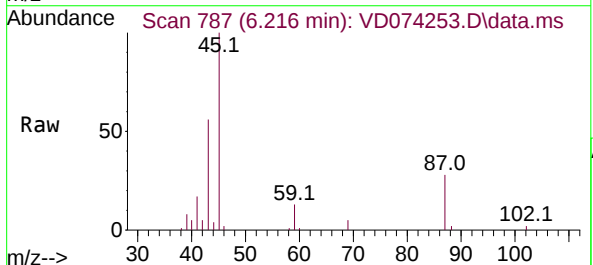
Instrument :
MSVOA_D
ClientSampleId :
VD0912SBS01

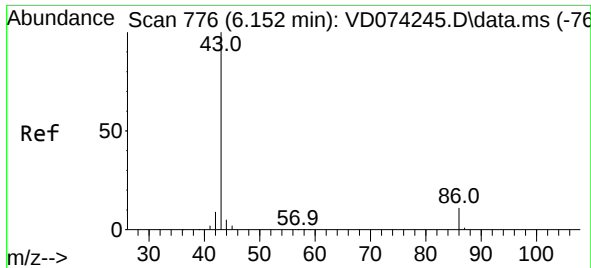
Tgt Ion: 96 Resp: 30372
Ion Ratio Lower Upper
96 100
61 115.4 105.1 157.7
98 65.9 47.4 71.2



#22
Diisopropyl ether
Concen: 21.153 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.006 min
Lab File: VD074253.D
Acq: 12 Sep 2022 13:23

Tgt Ion: 45 Resp: 87850
Ion Ratio Lower Upper
45 100
43 55.0 38.9 58.3
87 28.0 21.0 31.4
59 13.2 9.6 14.4

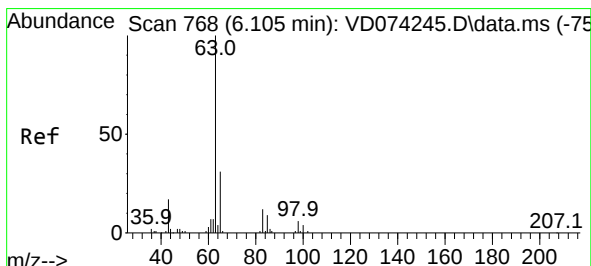
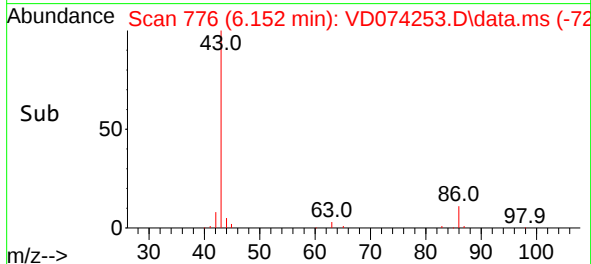
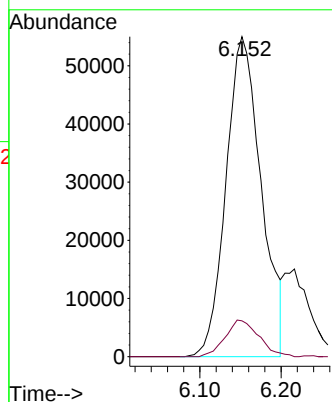
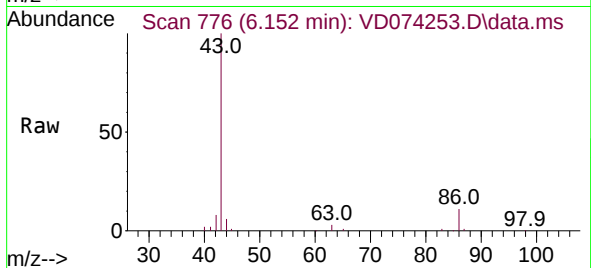




#23
 Vinyl Acetate
 Concen: 84.558 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. 0.000 min
 Lab File: VD074253.D
 Acq: 12 Sep 2022 13:23

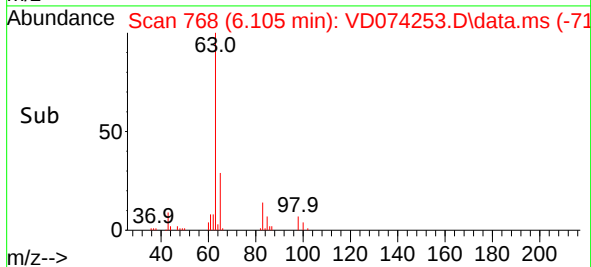
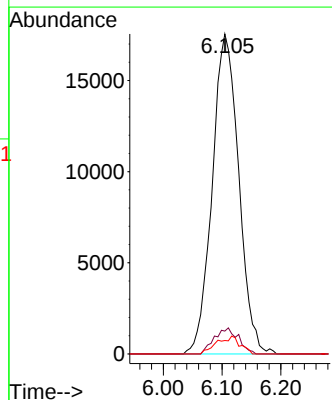
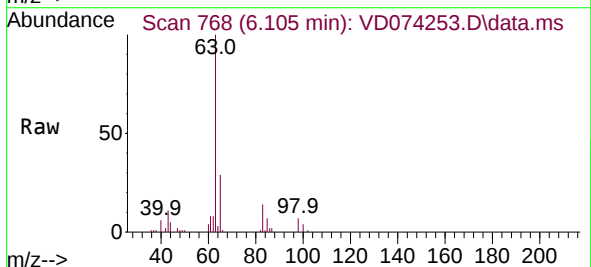
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0912SBS01

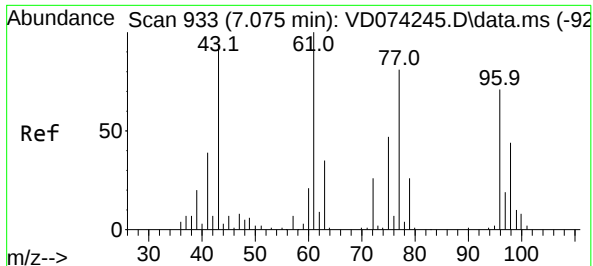
Tgt Ion: 43 Resp: 165828
 Ion Ratio Lower Upper
 43 100
 86 11.2 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 21.435 ug/l
 RT: 6.105 min Scan# 768
 Delta R.T. 0.000 min
 Lab File: VD074253.D
 Acq: 12 Sep 2022 13:23

Tgt Ion: 63 Resp: 54992
 Ion Ratio Lower Upper
 63 100
 98 7.2 2.8 8.4
 100 4.2 2.2 6.6





#25

2-Butanone

Concen: 103.918 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD074253.D

Acq: 12 Sep 2022 13:23

Instrument :

MSVOA_D

ClientSampleId :

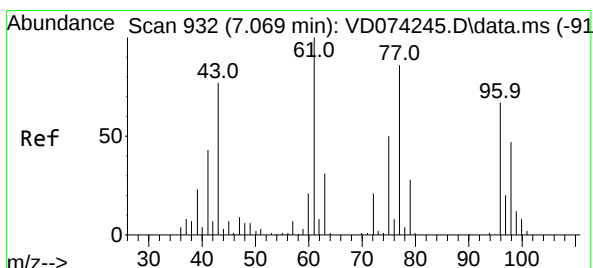
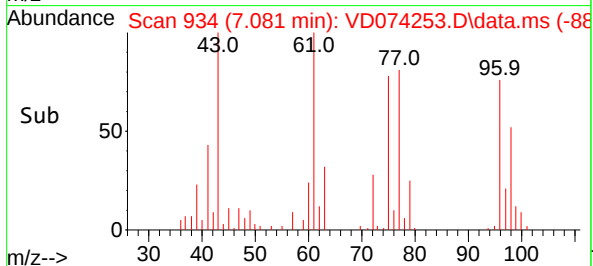
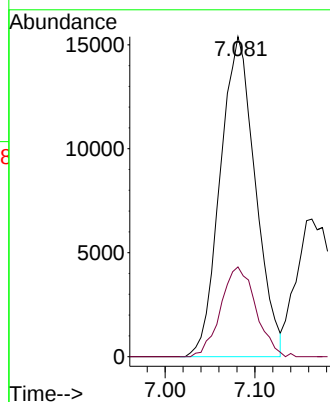
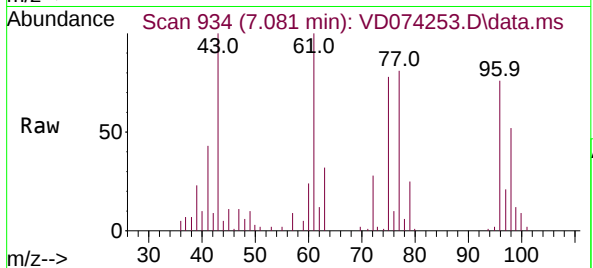
VD0912SBS01

Tgt Ion: 43 Resp: 41796

Ion Ratio Lower Upper

43 100

72 28.1 21.8 32.6



#26

2,2-Dichloropropane

Concen: 19.968 ug/l

RT: 7.075 min Scan# 933

Delta R.T. 0.006 min

Lab File: VD074253.D

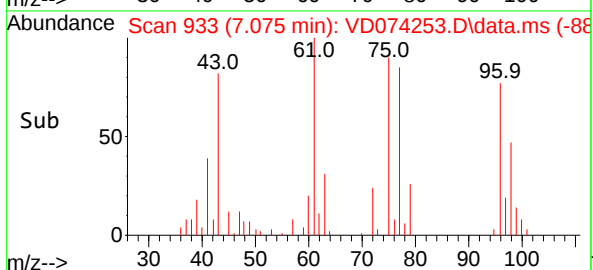
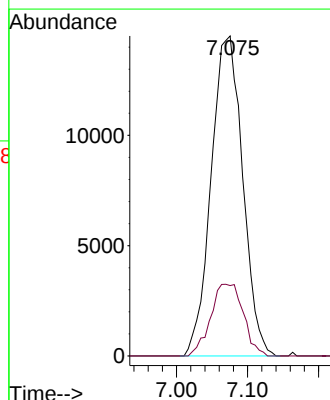
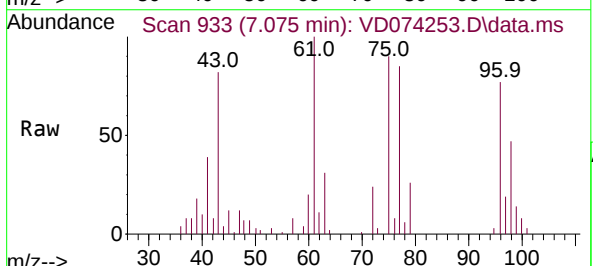
Acq: 12 Sep 2022 13:23

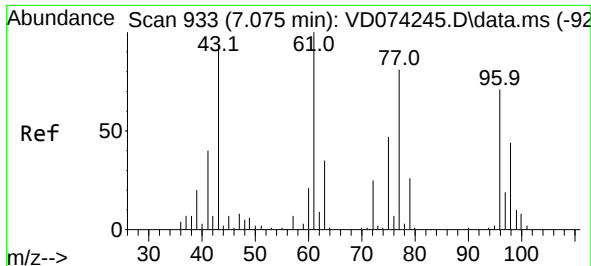
Tgt Ion: 77 Resp: 44756

Ion Ratio Lower Upper

77 100

97 23.2 11.5 34.4

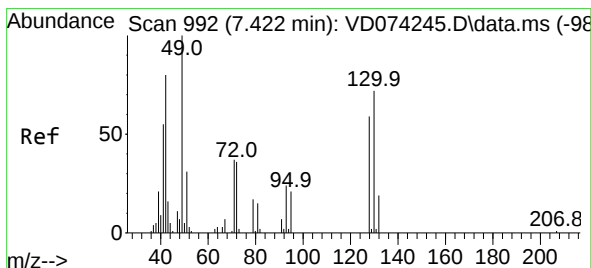
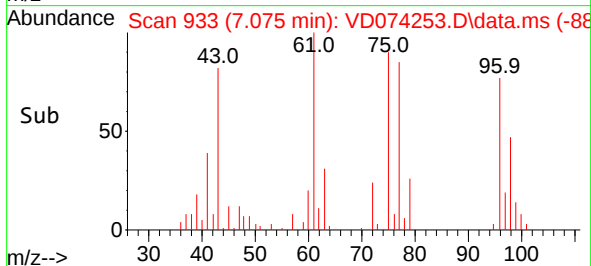
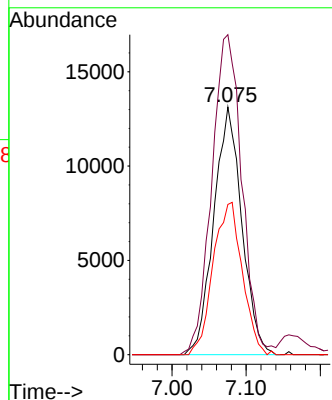
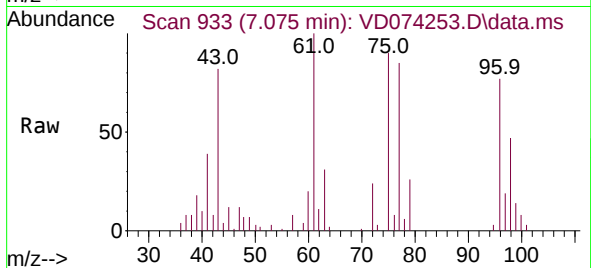




#27
cis-1,2-Dichloroethene
Concen: 21.248 ug/l
RT: 7.075 min Scan# 911
Delta R.T. 0.000 min
Lab File: VD074253.D
Acq: 12 Sep 2022 13:23

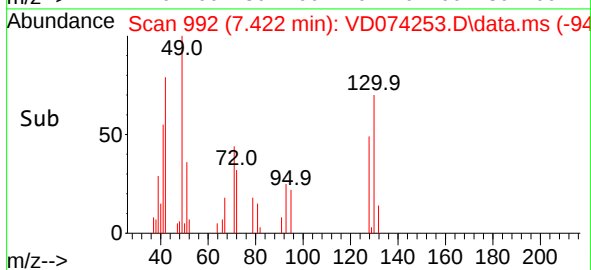
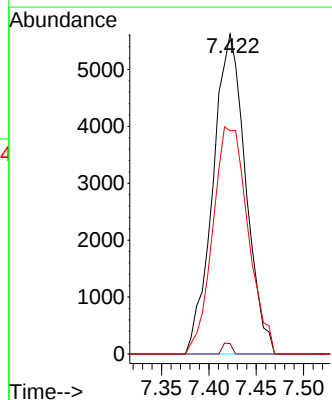
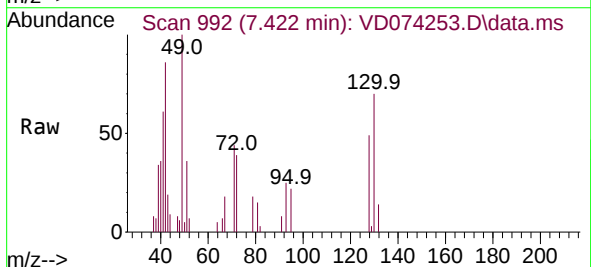
Instrument :
MSVOA_D
ClientSampleId :
VD0912SBS01

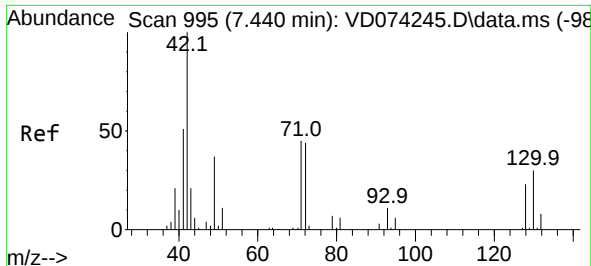
Tgt Ion: 96 Resp: 34537
Ion Ratio Lower Upper
96 100
61 139.0 0.0 289.4
98 64.0 0.0 130.2



#28
Bromochloromethane
Concen: 17.106 ug/l
RT: 7.422 min Scan# 992
Delta R.T. 0.000 min
Lab File: VD074253.D
Acq: 12 Sep 2022 13:23

Tgt Ion: 49 Resp: 13478
Ion Ratio Lower Upper
49 100
129 1.0 0.0 3.6
130 76.8 62.2 93.2





#29

Tetrahydrofuran

Concen: 106.631 ug/l

RT: 7.440 min Scan# 995

Delta R.T. 0.000 min

Lab File: VD074253.D

Acq: 12 Sep 2022 13:23

Instrument :

MSVOA_D

ClientSampleId :

VD0912SBS01

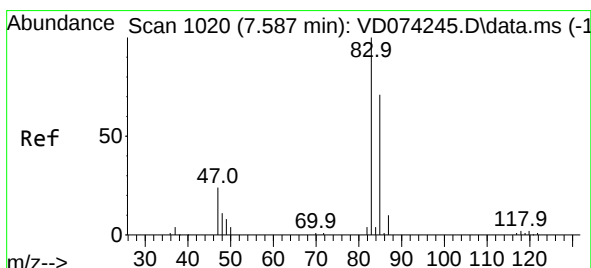
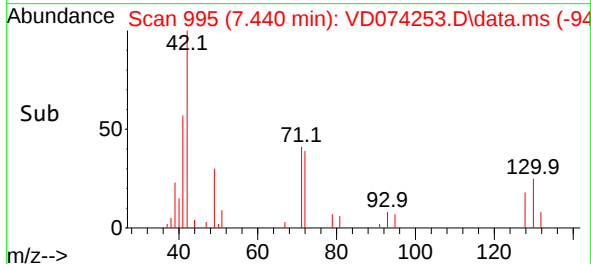
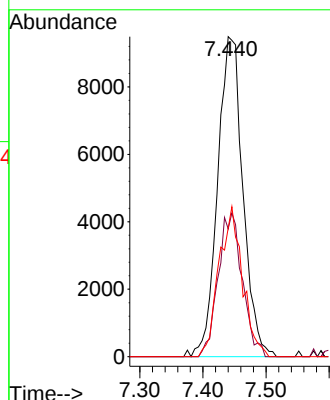
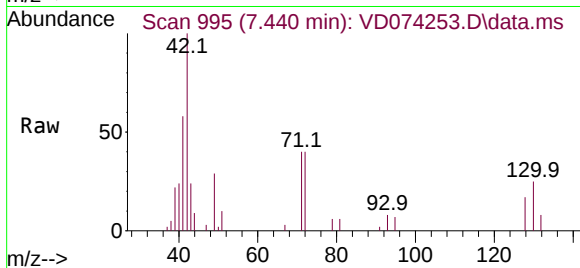
Tgt Ion: 42 Resp: 26440

Ion Ratio Lower Upper

42 100

72 42.8 36.1 54.1

71 43.5 34.1 51.1



#30

Chloroform

Concen: 21.856 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. 0.006 min

Lab File: VD074253.D

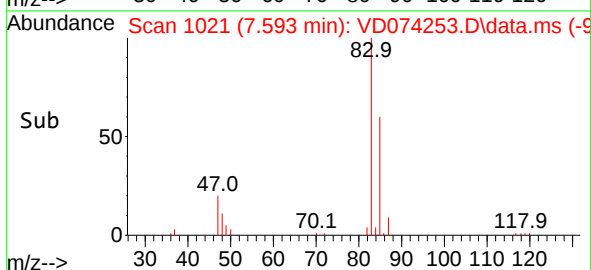
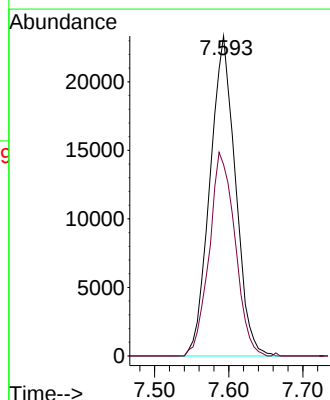
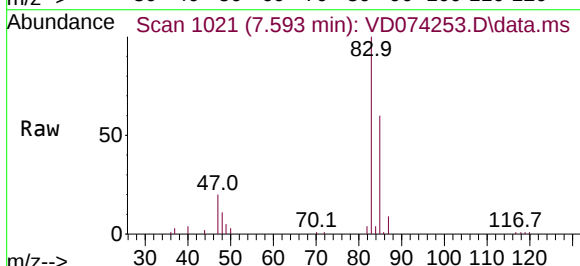
Acq: 12 Sep 2022 13:23

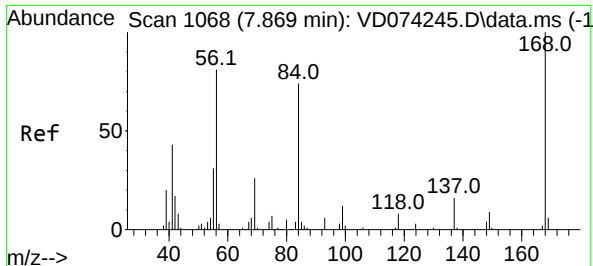
Tgt Ion: 83 Resp: 55654

Ion Ratio Lower Upper

83 100

85 59.8 56.7 85.1





#31

Cyclohexane

Concen: 21.747 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VD074253.D

Acq: 12 Sep 2022 13:23

Instrument :

MSVOA_D

ClientSampleId :

VD0912SBS01

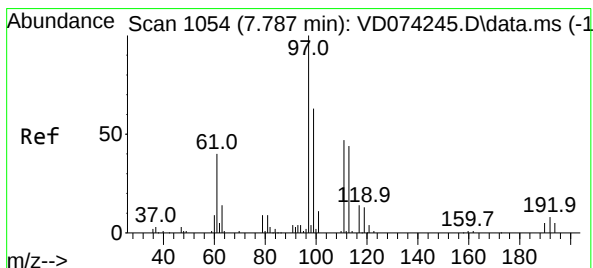
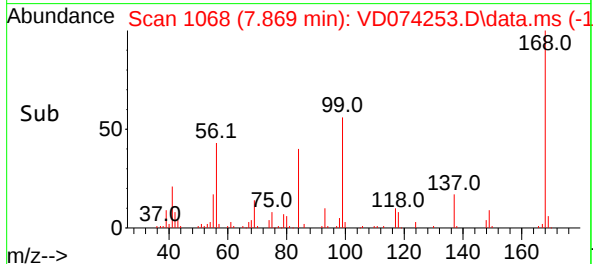
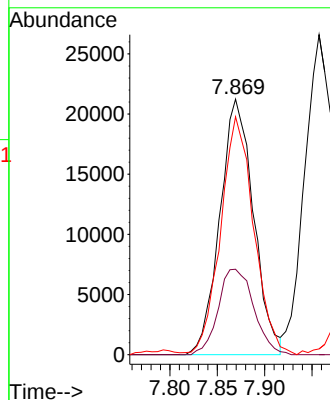
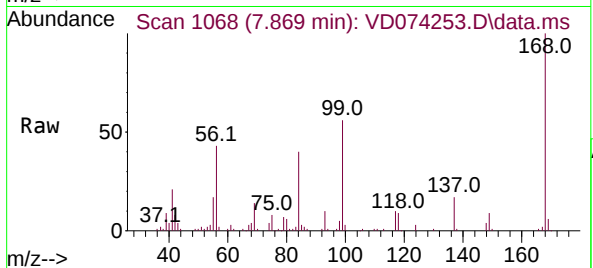
Tgt Ion: 56 Resp: 52507

Ion Ratio Lower Upper

56 100

69 33.4 25.7 38.5

84 92.4 73.9 110.9



#32

1,1,1-Trichloroethane

Concen: 21.635 ug/l

RT: 7.787 min Scan# 1054

Delta R.T. 0.000 min

Lab File: VD074253.D

Acq: 12 Sep 2022 13:23

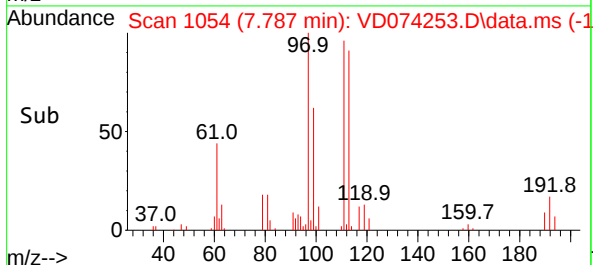
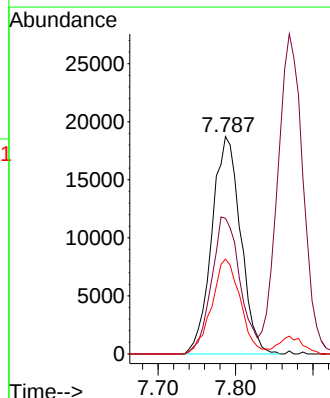
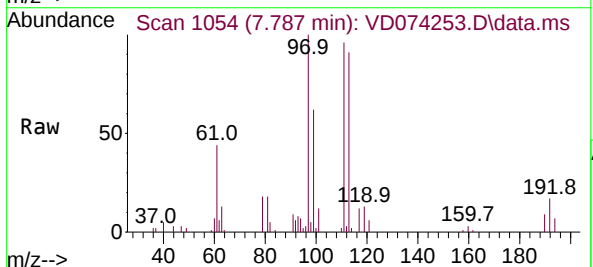
Tgt Ion: 97 Resp: 48337

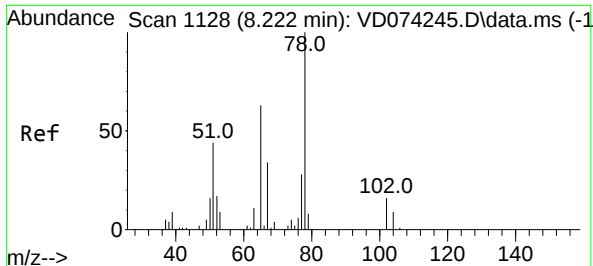
Ion Ratio Lower Upper

97 100

99 62.2 51.2 76.8

61 43.8 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 50.647 ug/l

RT: 8.222 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VD074253.D

Acq: 12 Sep 2022 13:23

Instrument :

MSVOA_D

ClientSampleId :

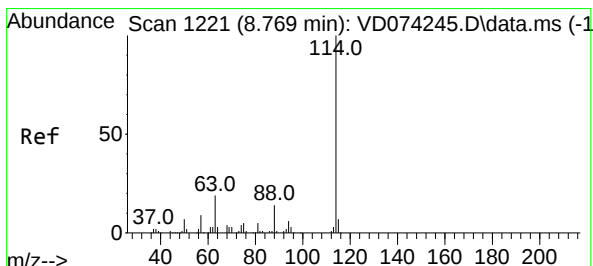
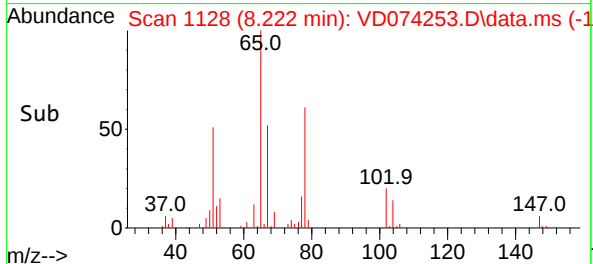
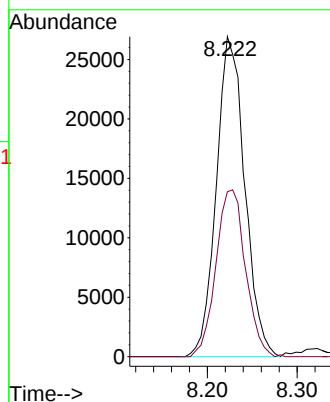
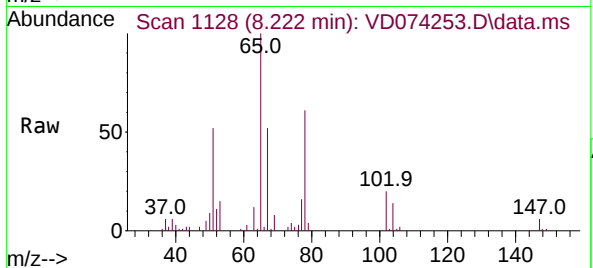
VD0912SBS01

Tgt Ion: 65 Resp: 59172

Ion Ratio Lower Upper

65 100

67 54.2 0.0 110.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.769 min Scan# 1221

Delta R.T. 0.000 min

Lab File: VD074253.D

Acq: 12 Sep 2022 13:23

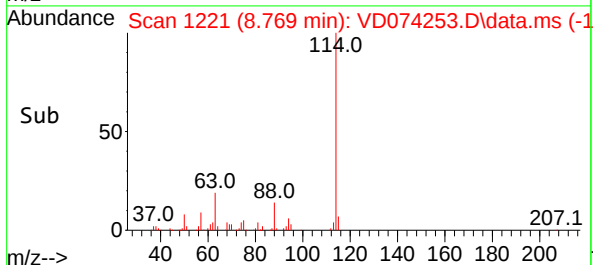
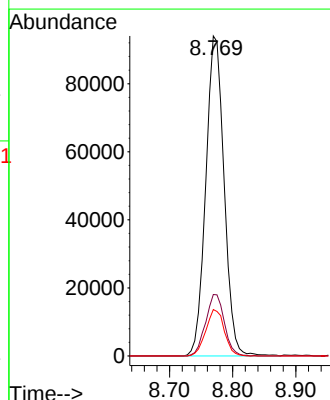
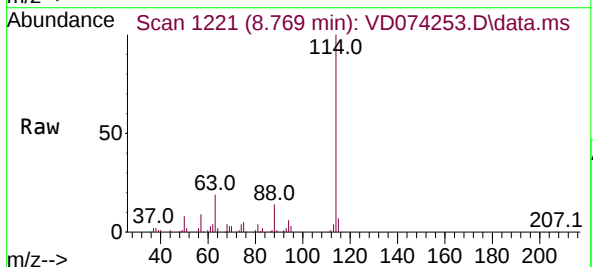
Tgt Ion: 114 Resp: 189767

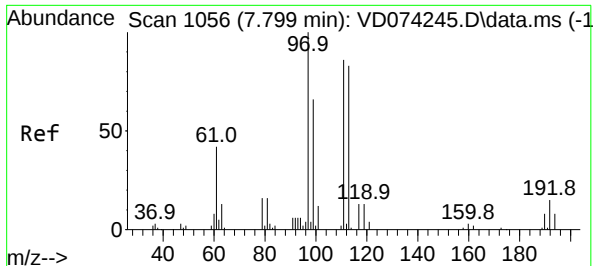
Ion Ratio Lower Upper

114 100

63 19.2 0.0 37.6

88 14.5 0.0 28.4





#35

Dibromofluoromethane

Concen: 49.175 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VD074253.D

Acq: 12 Sep 2022 13:23

Instrument :

MSVOA_D

ClientSampleId :

VD0912SBS01

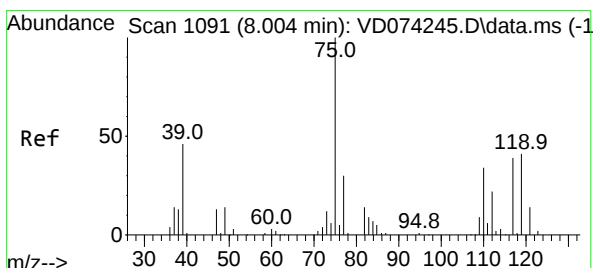
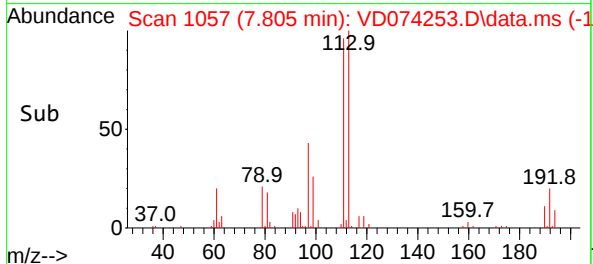
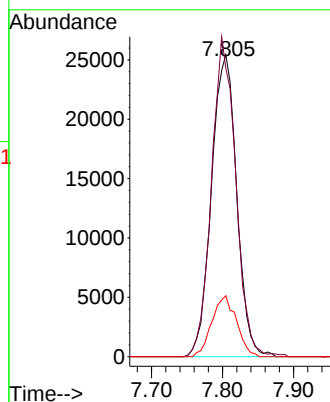
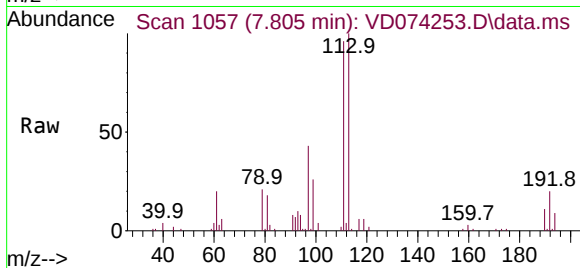
Tgt Ion:113 Resp: 62518

Ion Ratio Lower Upper

113 100

111 101.8 83.0 124.6

192 19.7 16.2 24.2



#36

1,1-Dichloropropene

Concen: 21.374 ug/l

RT: 7.999 min Scan# 1090

Delta R.T. -0.006 min

Lab File: VD074253.D

Acq: 12 Sep 2022 13:23

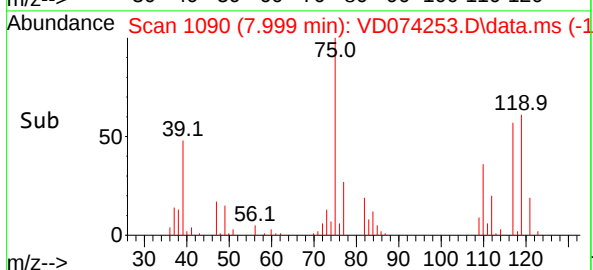
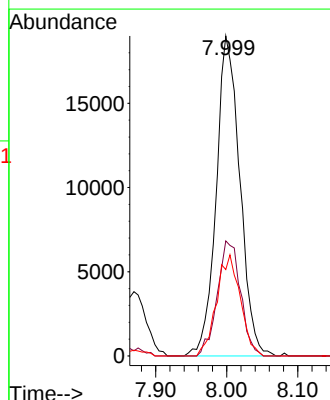
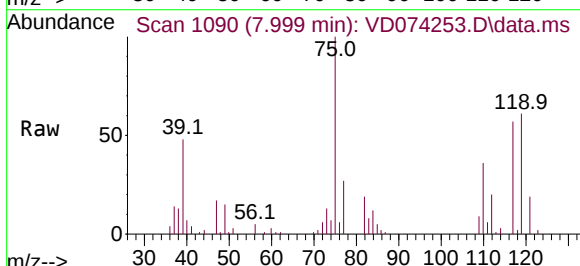
Tgt Ion: 75 Resp: 43902

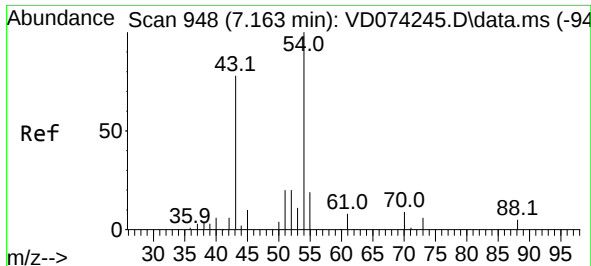
Ion Ratio Lower Upper

75 100

110 35.2 17.5 52.5

77 31.6 24.8 37.2





#37

Ethyl Acetate

Concen: 21.793 ug/l

RT: 7.164 min Scan# 948

Delta R.T. 0.000 min

Lab File: VD074253.D

Acq: 12 Sep 2022 13:23

Instrument :

MSVOA_D

ClientSampleId :

VD0912SBS01

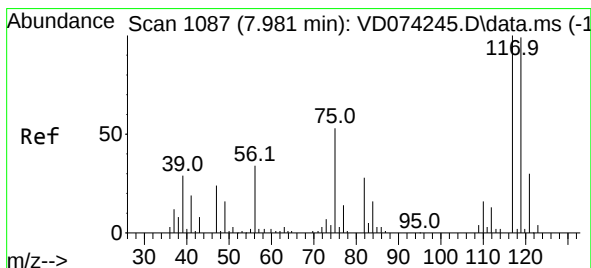
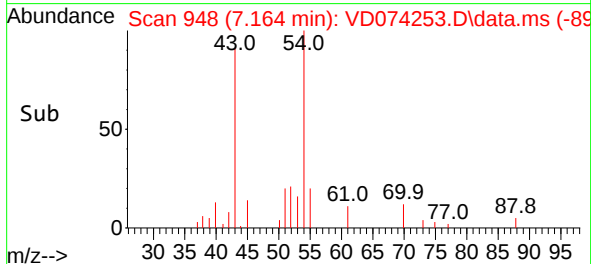
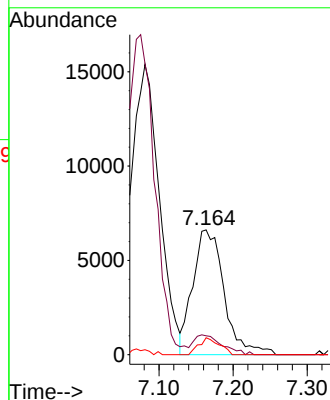
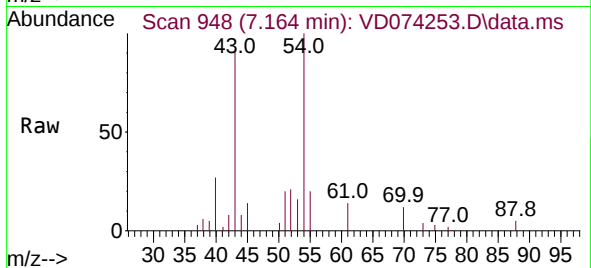
Tgt Ion: 43 Resp: 19411

Ion Ratio Lower Upper

43 100

61 14.2 12.1 18.1

70 8.9 8.5 12.7



#38

Carbon Tetrachloride

Concen: 21.535 ug/l

RT: 7.987 min Scan# 1088

Delta R.T. 0.006 min

Lab File: VD074253.D

Acq: 12 Sep 2022 13:23

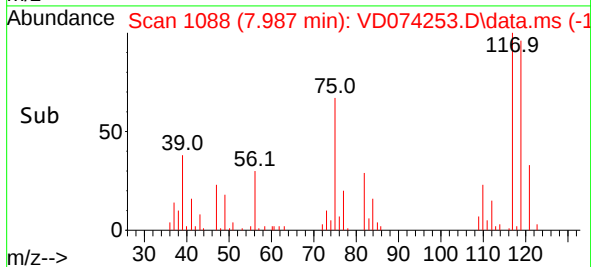
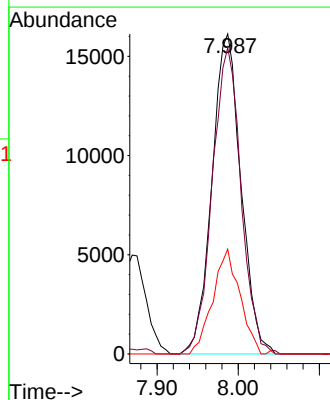
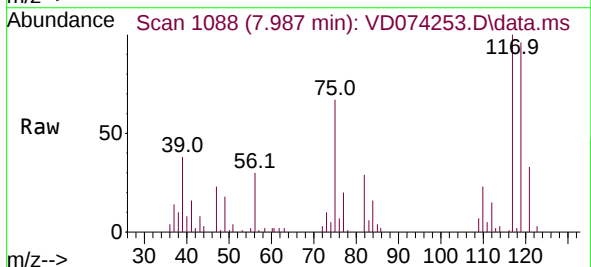
Tgt Ion: 117 Resp: 40019

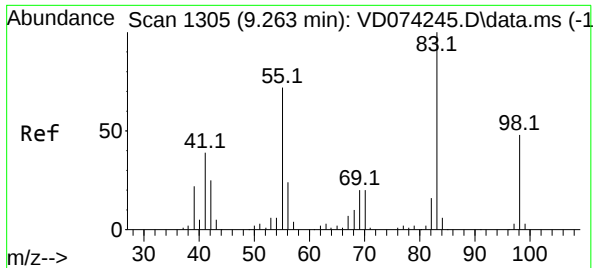
Ion Ratio Lower Upper

117 100

119 95.8 78.8 118.2

121 32.8 23.9 35.9





#39

Methylcyclohexane

Concen: 21.240 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. 0.006 min

Lab File: VD074253.D

Acq: 12 Sep 2022 13:23

Instrument :

MSVOA_D

ClientSampleId :

VD0912SBS01

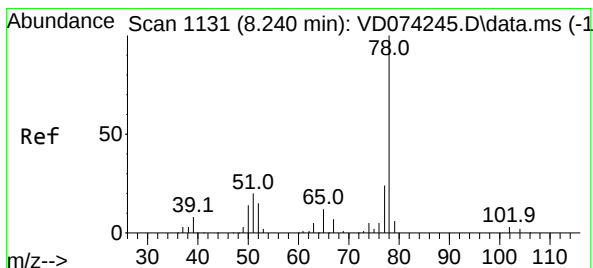
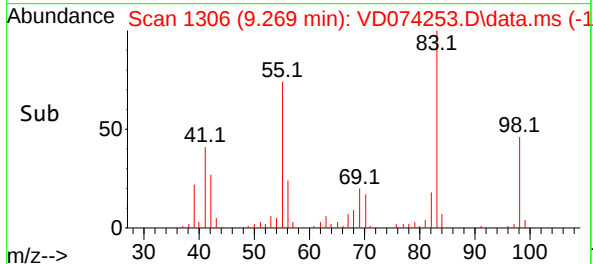
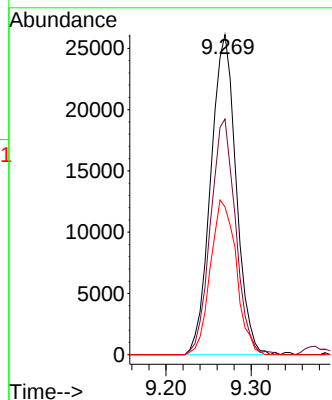
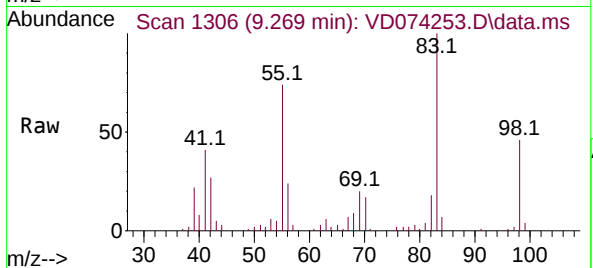
Tgt Ion: 83 Resp: 54004

Ion Ratio Lower Upper

83 100

55 73.7 57.2 85.8

98 46.2 38.3 57.5



#40

Benzene

Concen: 21.323 ug/l

RT: 8.246 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VD074253.D

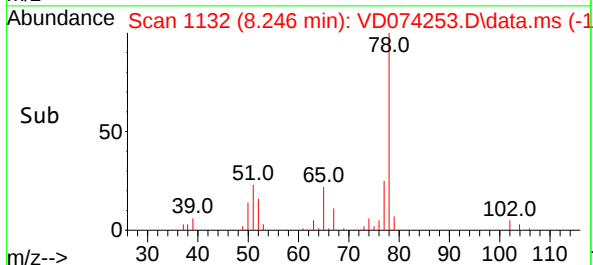
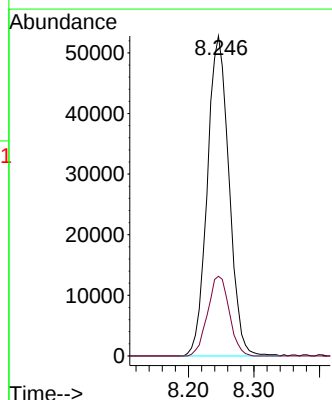
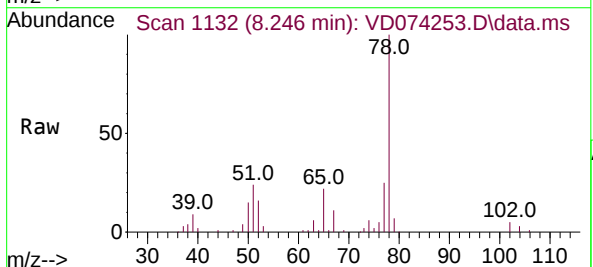
Acq: 12 Sep 2022 13:23

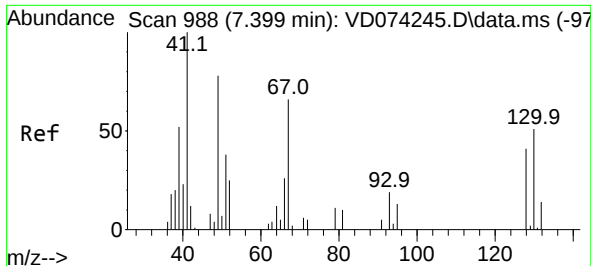
Tgt Ion: 78 Resp: 121205

Ion Ratio Lower Upper

78 100

77 24.9 19.4 29.2

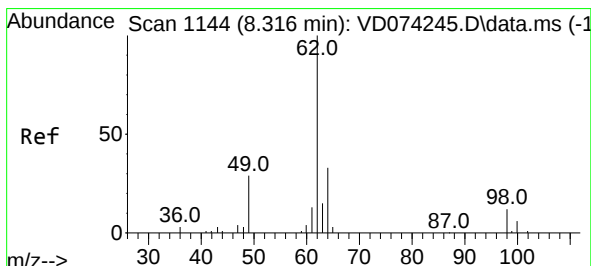
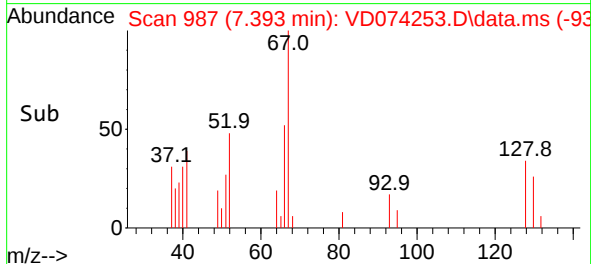
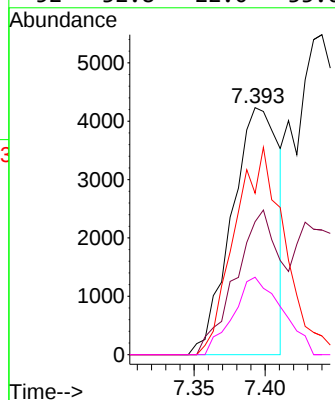
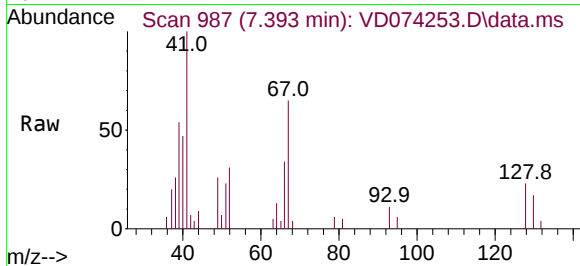




#41
Methacrylonitrile
Concen: 19.594 ug/l
RT: 7.393 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD074253.D
Acq: 12 Sep 2022 13:23

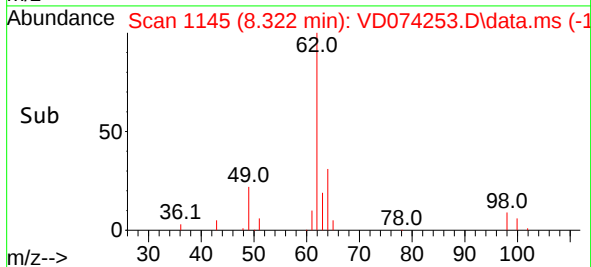
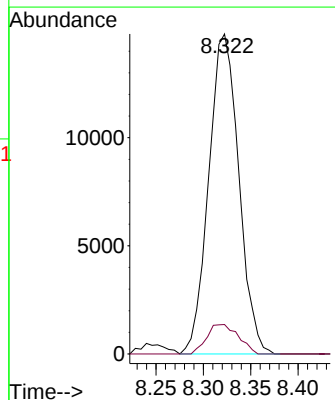
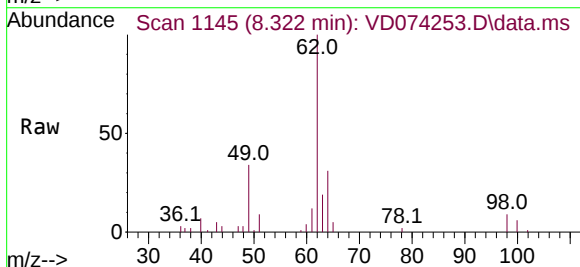
Instrument :
MSVOA_D
ClientSampleId :
VD0912SBS01

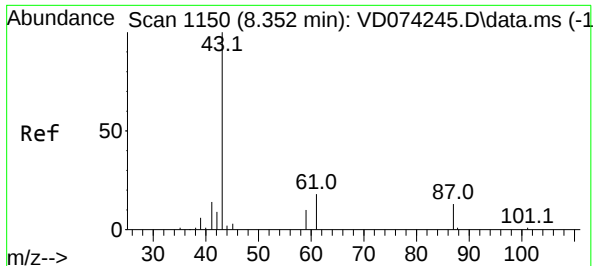
Tgt Ion: 41	Resp: 9721
Ion Ratio	Lower Upper
41 100	
39 56.7	39.8 59.6
67 89.3	56.1 84.1#
52 32.8	22.0 33.0



#42
1,2-Dichloroethane
Concen: 21.783 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VD074253.D
Acq: 12 Sep 2022 13:23

Tgt Ion: 62	Resp: 32722
Ion Ratio	Lower Upper
62 100	
98 9.7	0.0 21.4

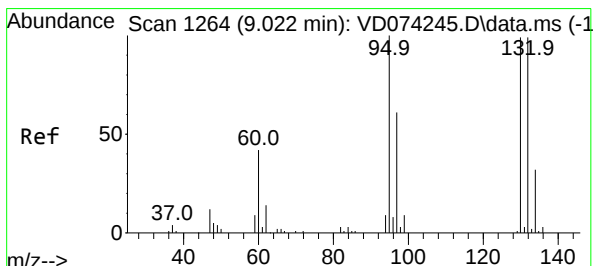
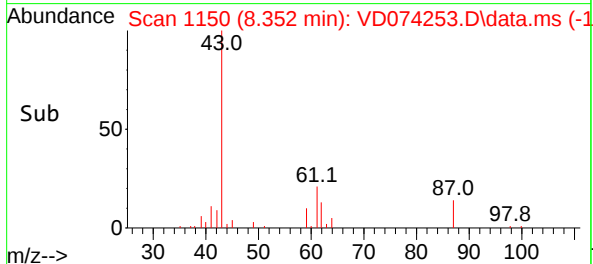
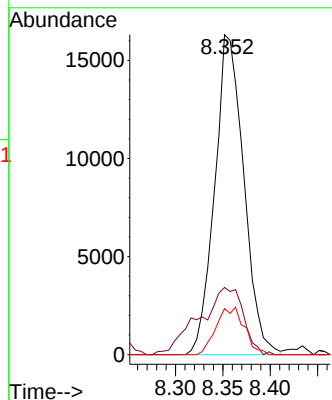
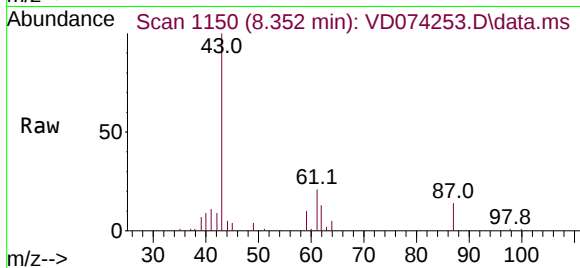




#43
Isopropyl Acetate
Concen: 20.244 ug/l
RT: 8.352 min Scan# 1150
Delta R.T. 0.000 min
Lab File: VD074253.D
Acq: 12 Sep 2022 13:23

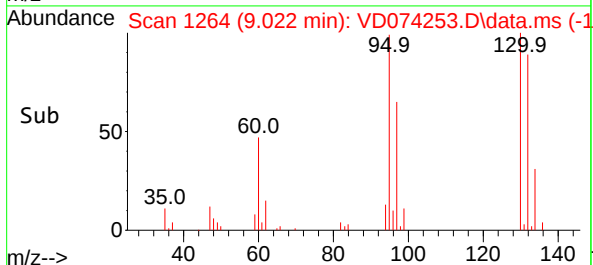
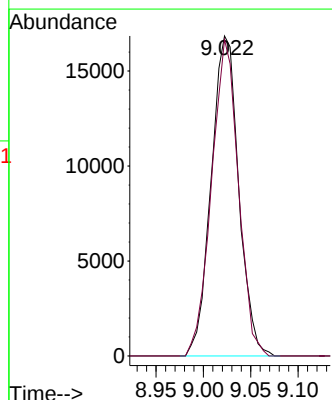
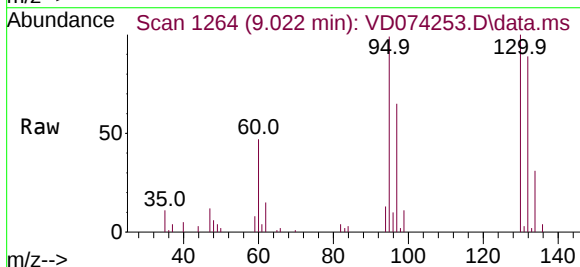
Instrument :
MSVOA_D
ClientSampleId :
VD0912SBS01

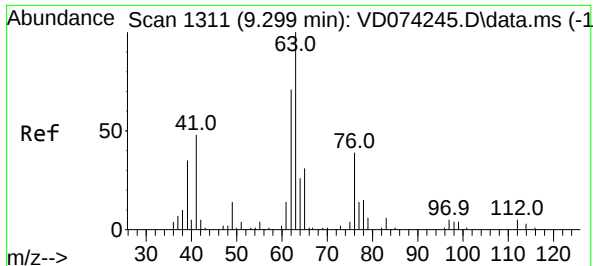
Tgt Ion: 43 Resp: 34829
Ion Ratio Lower Upper
43 100
61 32.0 24.5 36.7
87 14.4 10.8 16.2



#44
Trichloroethene
Concen: 21.558 ug/l
RT: 9.022 min Scan# 1264
Delta R.T. 0.000 min
Lab File: VD074253.D
Acq: 12 Sep 2022 13:23

Tgt Ion: 130 Resp: 34015
Ion Ratio Lower Upper
130 100
95 98.9 0.0 202.2





#45

1,2-Dichloropropane

Concen: 20.741 ug/l

RT: 9.299 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD074253.D

Acq: 12 Sep 2022 13:23

Instrument :

MSVOA_D

ClientSampleId :

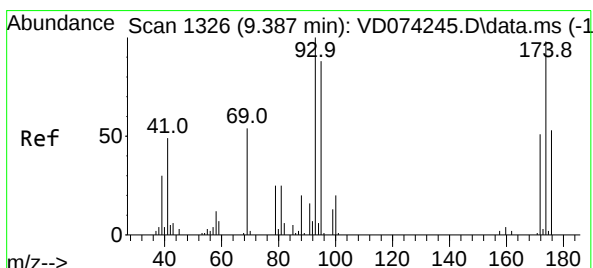
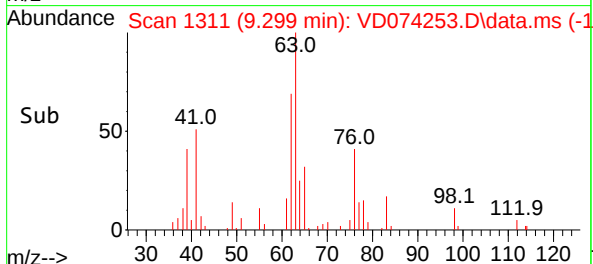
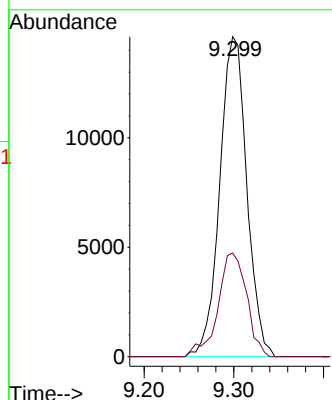
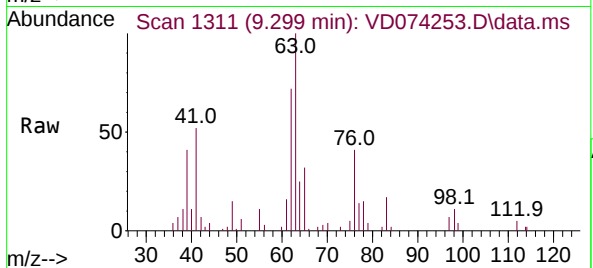
VD0912SBS01

Tgt Ion: 63 Resp: 30642

Ion Ratio Lower Upper

63 100

65 32.4 24.5 36.7



#46

Dibromomethane

Concen: 20.981 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.006 min

Lab File: VD074253.D

Acq: 12 Sep 2022 13:23

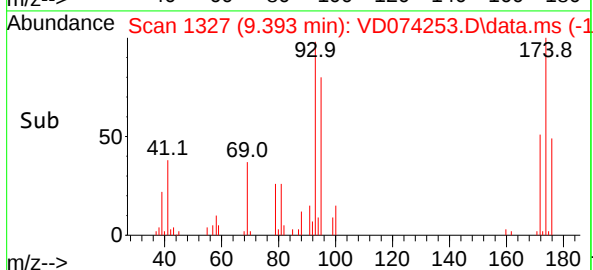
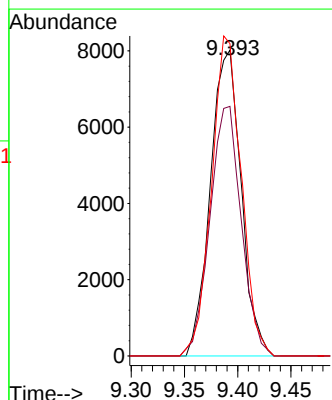
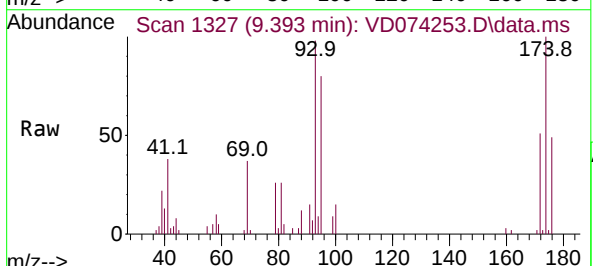
Tgt Ion: 93 Resp: 16093

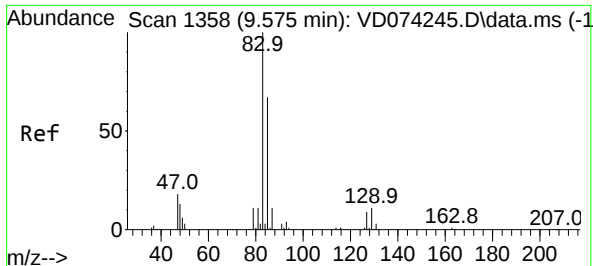
Ion Ratio Lower Upper

93 100

95 83.1 67.7 101.5

174 100.9 79.6 119.4





#47

Bromodichloromethane

Concen: 21.133 ug/l

RT: 9.581 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD074253.D

Acq: 12 Sep 2022 13:23

Instrument :

MSVOA_D

ClientSampleId :

VD0912SBS01

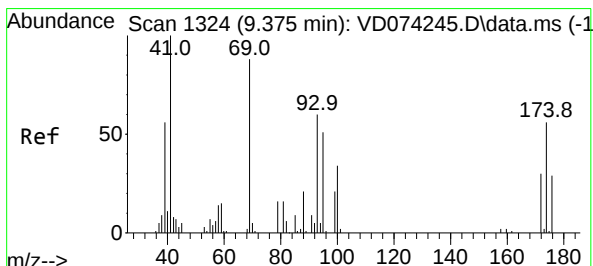
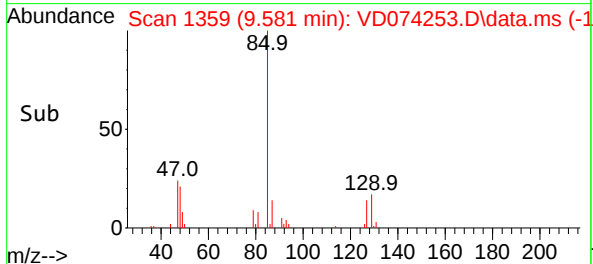
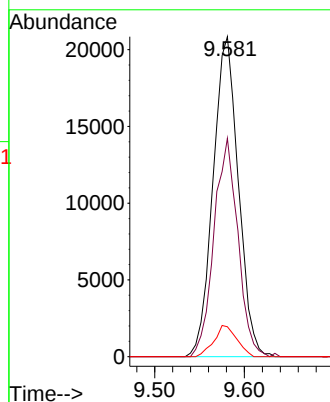
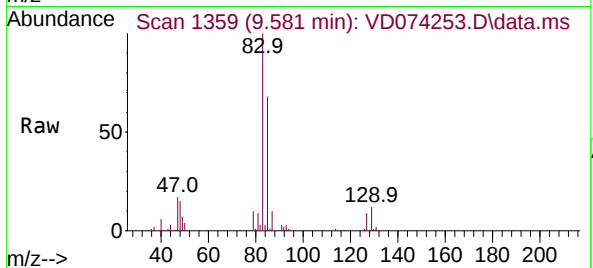
Tgt Ion: 83 Resp: 40782

Ion Ratio Lower Upper

83 100

85 68.3 53.4 80.2

127 9.3 6.9 10.3



#48

Methyl methacrylate

Concen: 21.394 ug/l

RT: 9.375 min Scan# 1324

Delta R.T. 0.000 min

Lab File: VD074253.D

Acq: 12 Sep 2022 13:23

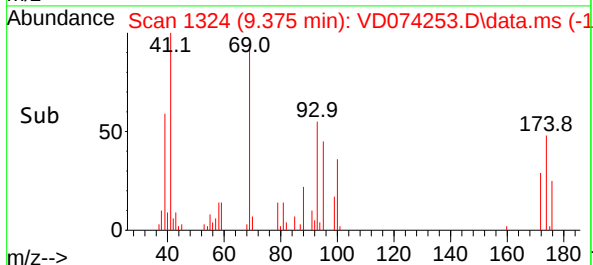
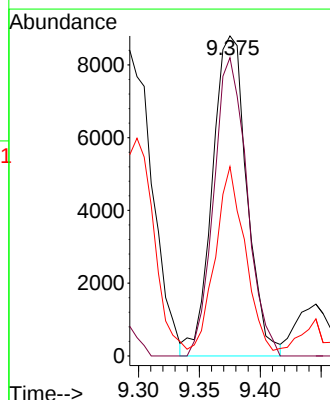
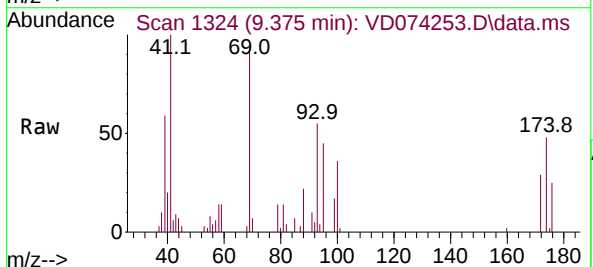
Tgt Ion: 41 Resp: 17385

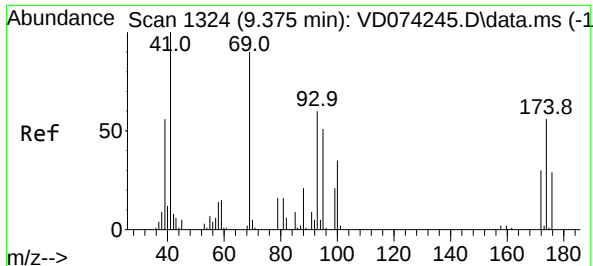
Ion Ratio Lower Upper

41 100

69 89.6 72.7 109.1

39 49.3 41.6 62.4





#49

1,4-Dioxane

Concen: 441.364 ug/l

RT: 9.387 min Scan# 1

Delta R.T. 0.012 min

Lab File: VD074253.D

Acq: 12 Sep 2022 13:23

Instrument :

MSVOA_D

ClientSampleId :

VD0912SBS01

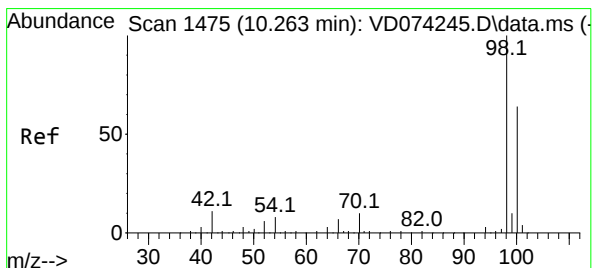
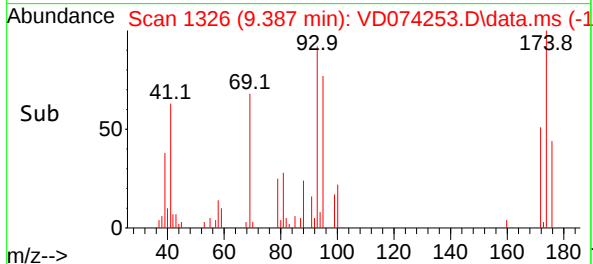
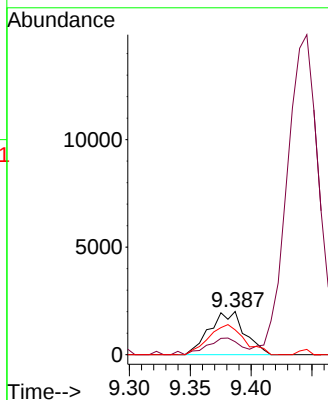
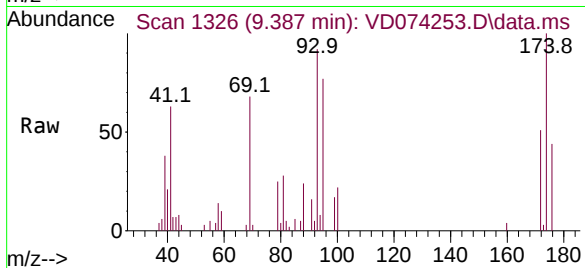
Tgt Ion: 88 Resp: 4009

Ion Ratio Lower Upper

88 100

43 37.2 27.0 40.4

58 70.5 54.2 81.2



#50

Toluene-d8

Concen: 52.563 ug/l

RT: 10.263 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VD074253.D

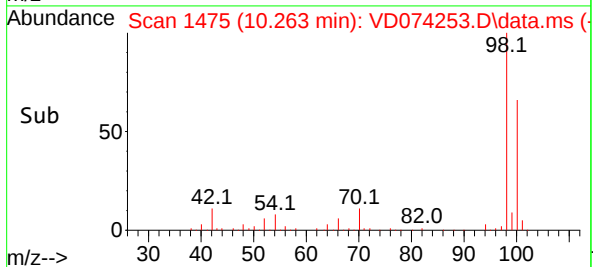
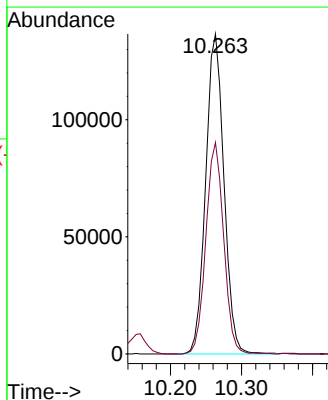
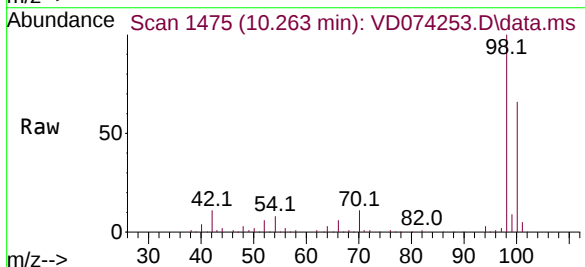
Acq: 12 Sep 2022 13:23

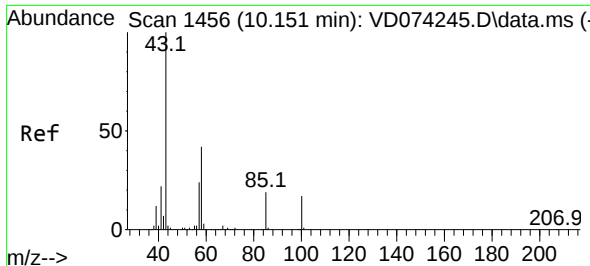
Tgt Ion: 98 Resp: 244512

Ion Ratio Lower Upper

98 100

100 64.6 51.8 77.8

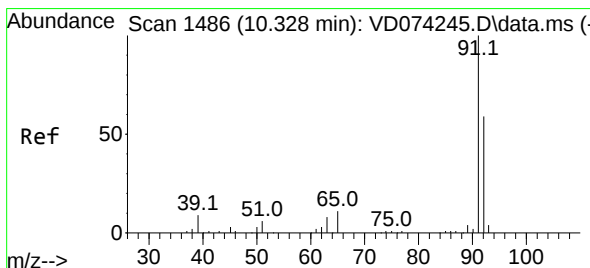
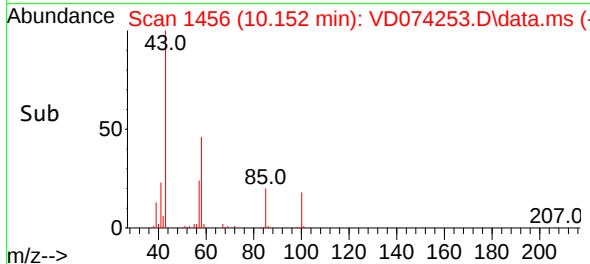
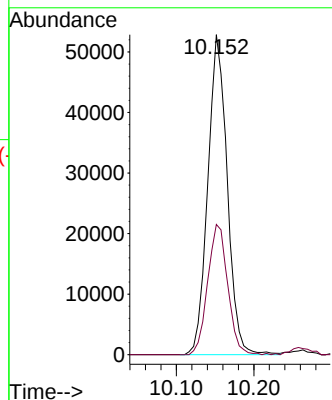
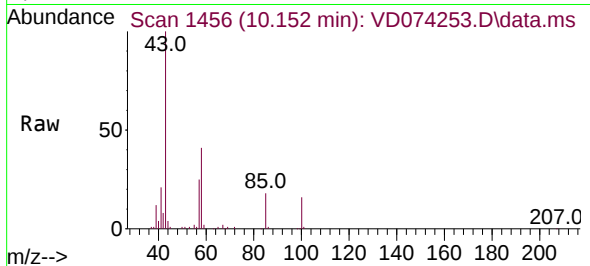




#51
4-Methyl-2-Pentanone
Concen: 105.667 ug/l
RT: 10.152 min Scan# 1456
Delta R.T. 0.000 min
Lab File: VD074253.D
Acq: 12 Sep 2022 13:23

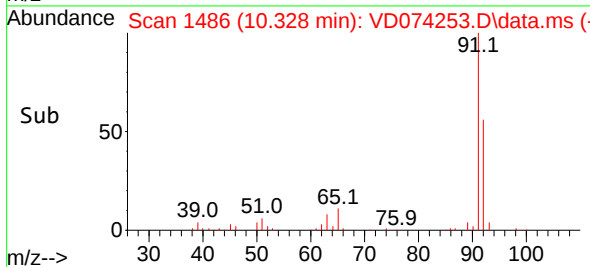
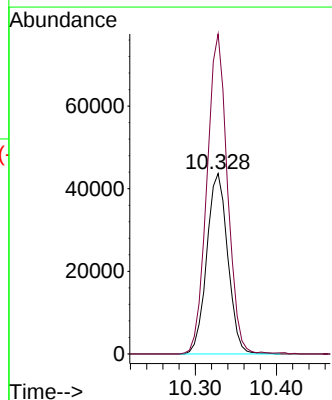
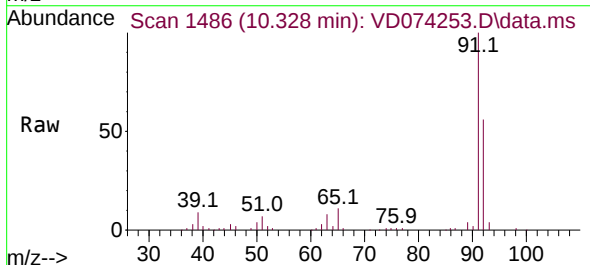
Instrument :
MSVOA_D
ClientSampleId :
VD0912SBS01

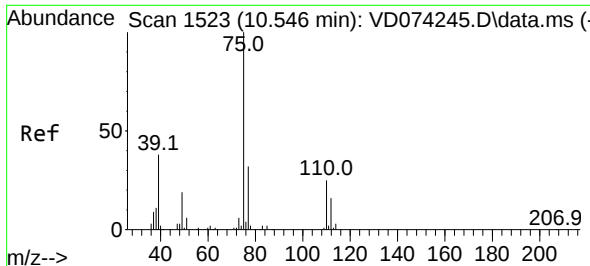
Tgt Ion: 43 Resp: 91885
Ion Ratio Lower Upper
43 100
58 41.9 33.3 49.9



#52
Toluene
Concen: 21.517 ug/l
RT: 10.328 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VD074253.D
Acq: 12 Sep 2022 13:23

Tgt Ion: 92 Resp: 78450
Ion Ratio Lower Upper
92 100
91 173.0 139.3 208.9

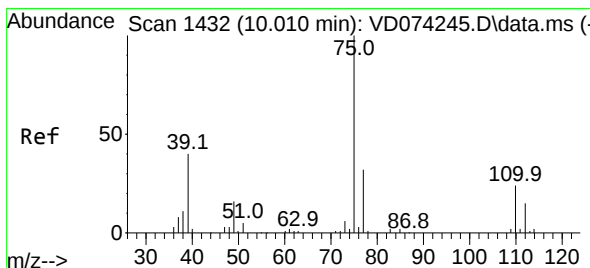
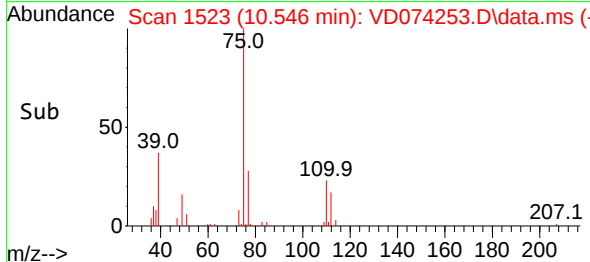
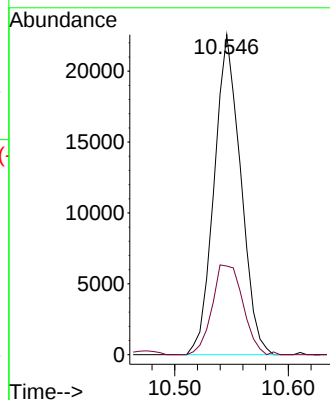
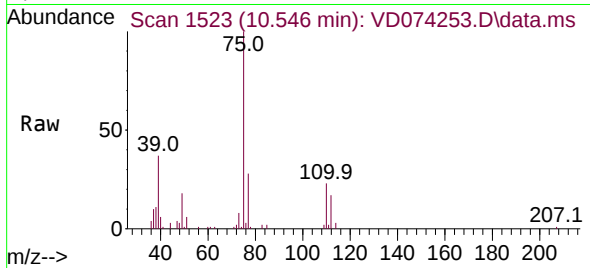




#53
t-1,3-Dichloropropene
Concen: 20.124 ug/l
RT: 10.546 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD074253.D
Acq: 12 Sep 2022 13:23

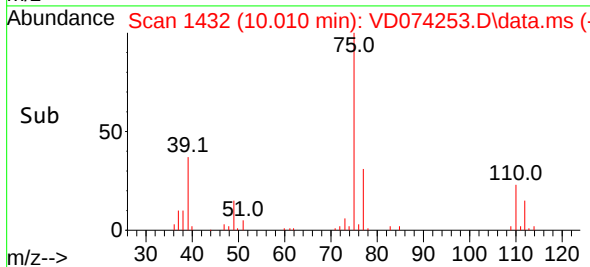
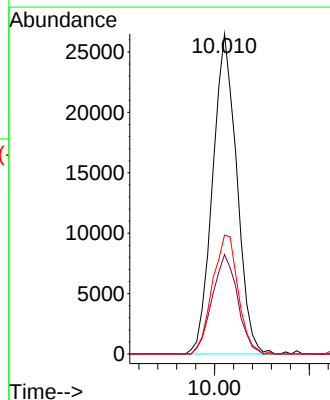
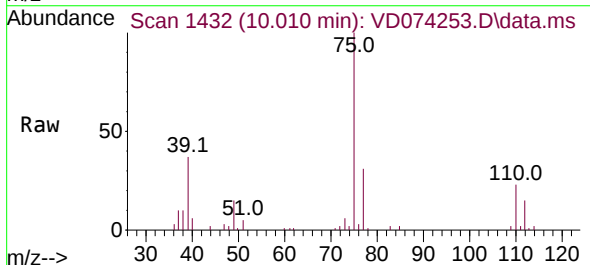
Instrument :
MSVOA_D
ClientSampleId :
VD0912SBS01

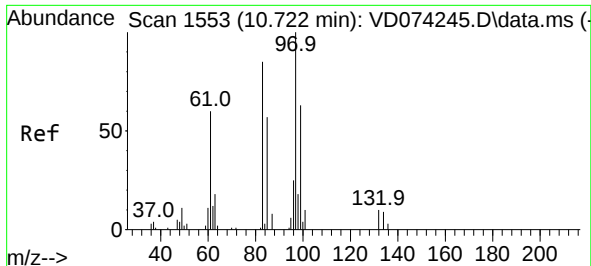
Tgt Ion: 75 Resp: 36607
Ion Ratio Lower Upper
75 100
77 27.7 25.7 38.5



#54
cis-1,3-Dichloropropene
Concen: 20.860 ug/l
RT: 10.010 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD074253.D
Acq: 12 Sep 2022 13:23

Tgt Ion: 75 Resp: 46751
Ion Ratio Lower Upper
75 100
77 31.1 25.4 38.0
39 37.2 31.6 47.4

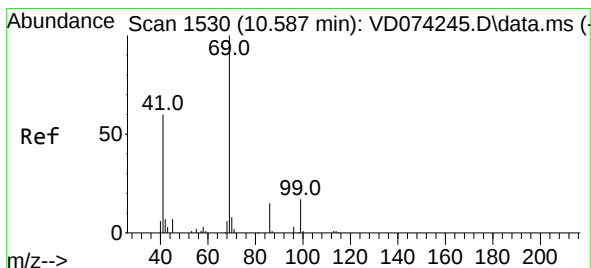
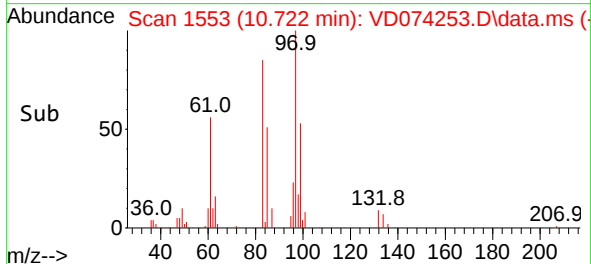
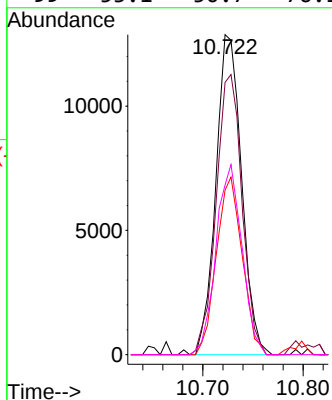
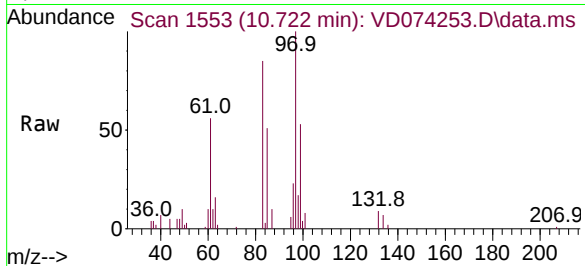




#55
1,1,2-Trichloroethane
Concen: 21.671 ug/l
RT: 10.722 min Scan# 1553
Delta R.T. 0.000 min
Lab File: VD074253.D
Acq: 12 Sep 2022 13:23

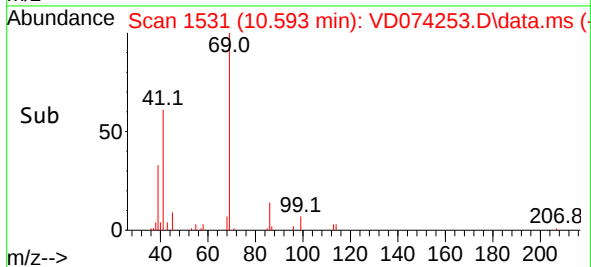
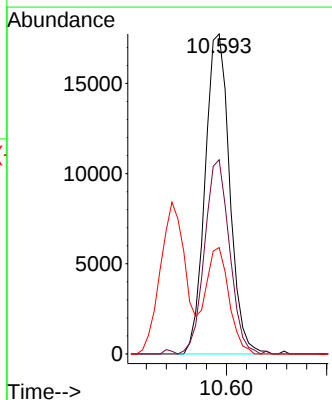
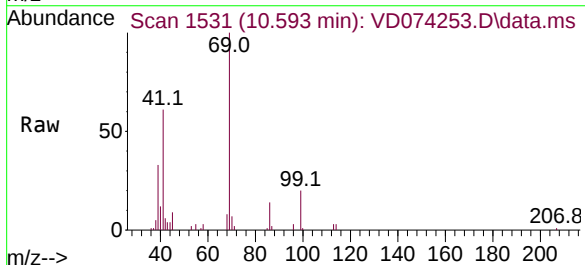
Instrument :
MSVOA_D
ClientSampleId :
VD0912SBS01

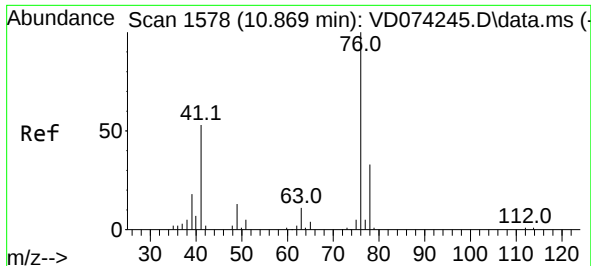
Tgt Ion: 97	Resp: 22978
Ion Ratio	Lower Upper
97 100	
83 85.1	68.0 102.0
85 51.5	45.8 68.8
99 53.1	50.7 76.1



#56
Ethyl methacrylate
Concen: 21.432 ug/l
RT: 10.593 min Scan# 1531
Delta R.T. 0.006 min
Lab File: VD074253.D
Acq: 12 Sep 2022 13:23

Tgt Ion: 69	Resp: 30193
Ion Ratio	Lower Upper
69 100	
41 61.8	49.4 74.2
39 31.6	24.2 36.4





#57

1,3-Dichloropropane

Concen: 21.116 ug/l

RT: 10.875 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD074253.D

Acq: 12 Sep 2022 13:23

Instrument :

MSVOA_D

ClientSampleId :

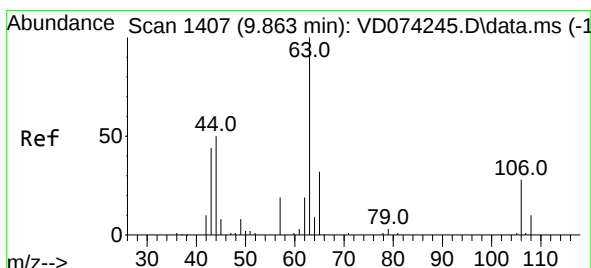
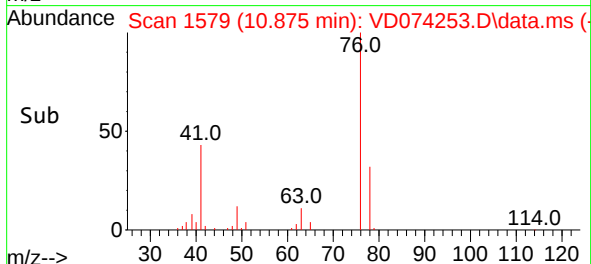
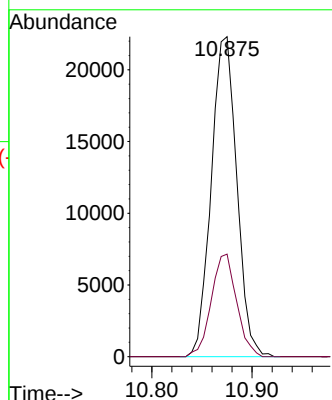
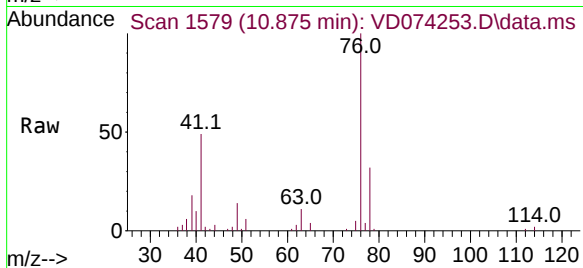
VD0912SBS01

Tgt Ion: 76 Resp: 39514

Ion Ratio Lower Upper

76 100

78 31.8 25.4 38.2



#58

2-Chloroethyl Vinyl ether

Concen: 112.490 ug/l

RT: 9.863 min Scan# 1407

Delta R.T. 0.000 min

Lab File: VD074253.D

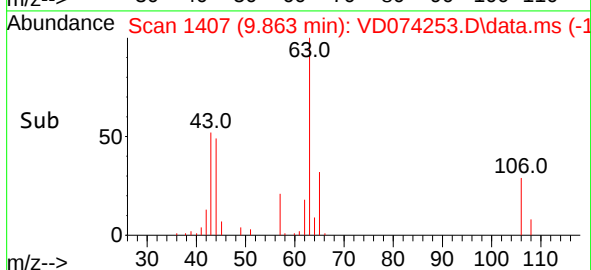
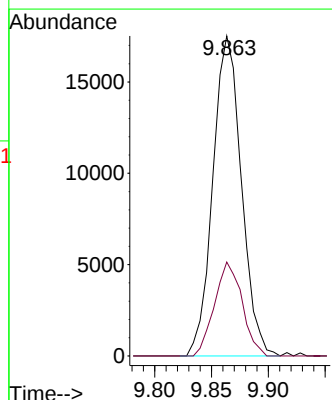
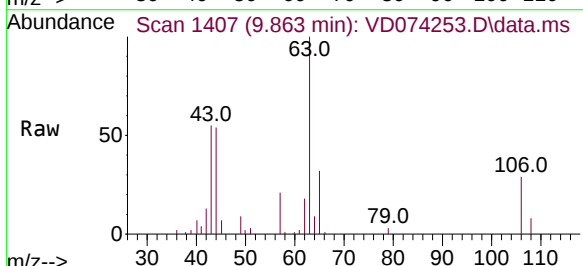
Acq: 12 Sep 2022 13:23

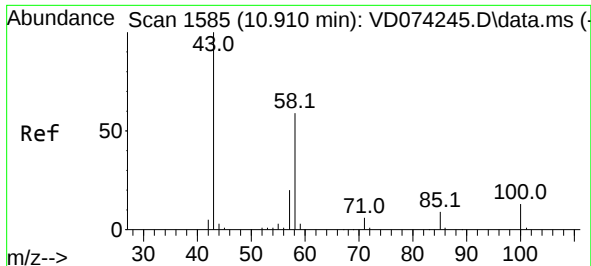
Tgt Ion: 63 Resp: 30612

Ion Ratio Lower Upper

63 100

106 28.3 21.9 32.9

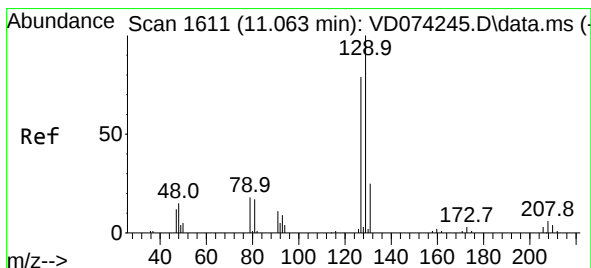
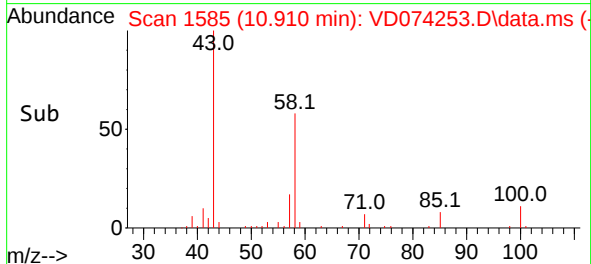
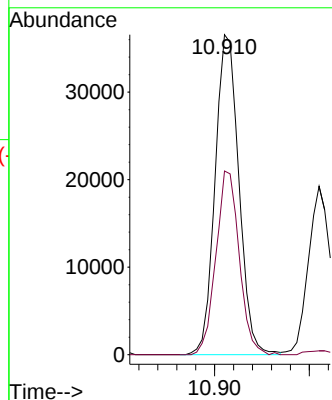
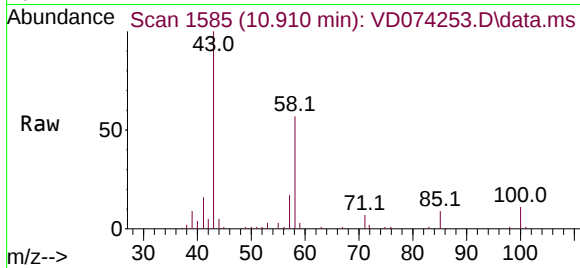




#59
2-Hexanone
Concen: 108.023 ug/l
RT: 10.910 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD074253.D
Acq: 12 Sep 2022 13:23

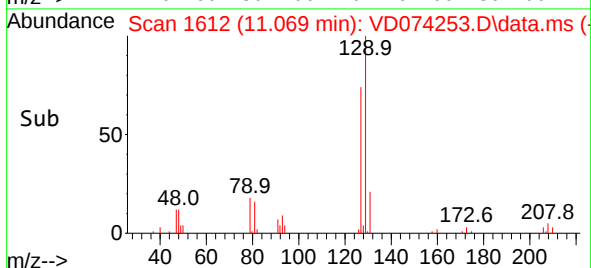
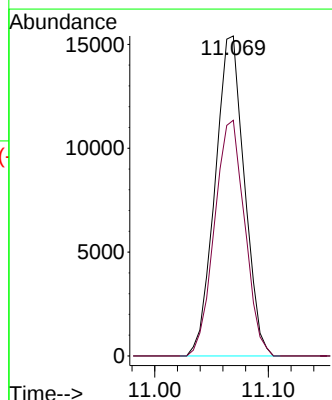
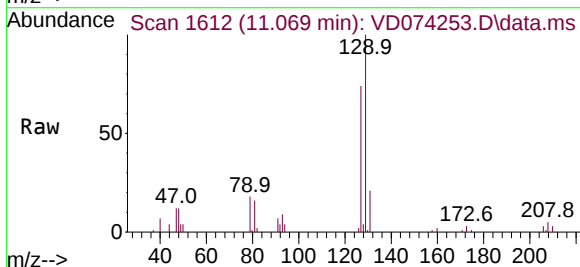
Instrument :
MSVOA_D
ClientSampleId :
VD0912SBS01

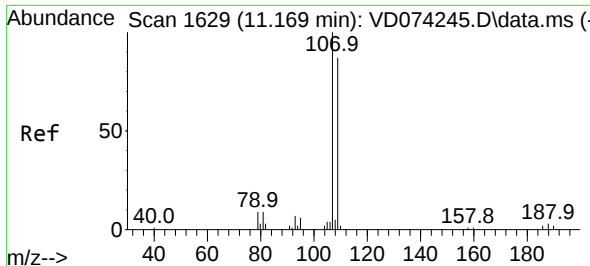
Tgt Ion: 43 Resp: 63787
Ion Ratio Lower Upper
43 100
58 56.3 28.6 85.8



#60
Dibromochloromethane
Concen: 21.356 ug/l
RT: 11.069 min Scan# 1612
Delta R.T. 0.006 min
Lab File: VD074253.D
Acq: 12 Sep 2022 13:23

Tgt Ion: 129 Resp: 27575
Ion Ratio Lower Upper
129 100
127 75.9 39.0 116.9

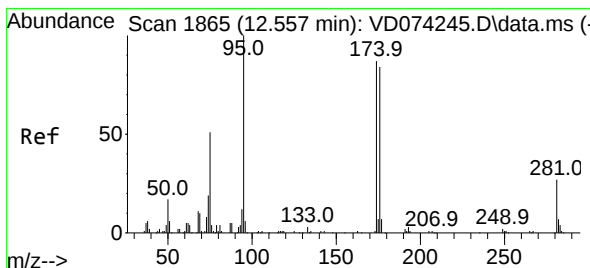
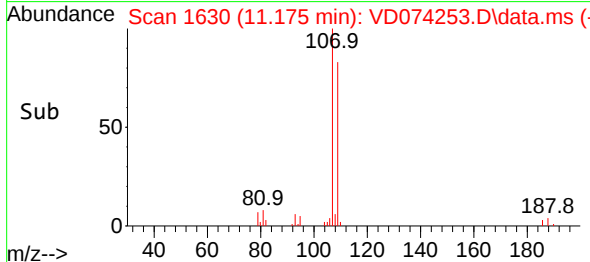
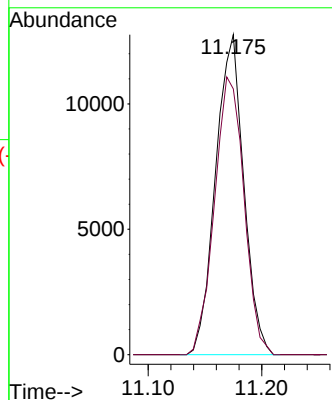
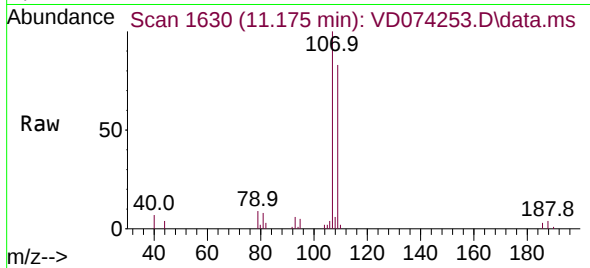




#61
1,2-Dibromoethane
Concen: 21.790 ug/l
RT: 11.175 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VD074253.D
Acq: 12 Sep 2022 13:23

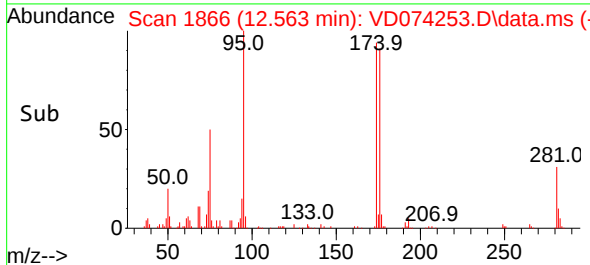
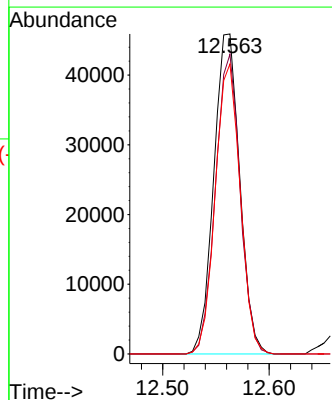
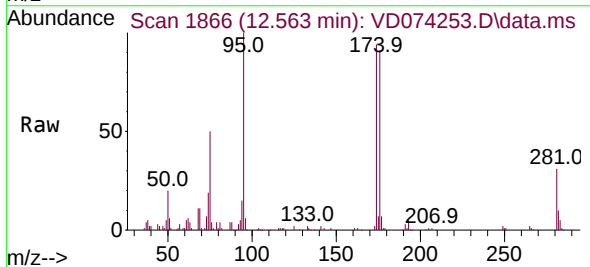
Instrument :
MSVOA_D
ClientSampleId :
VD0912SBS01

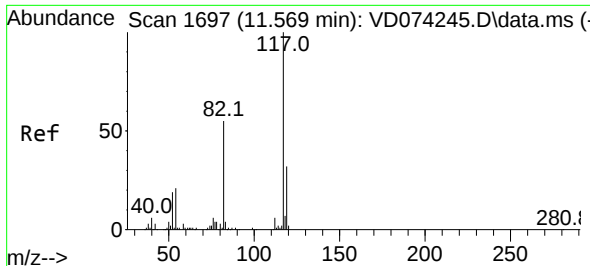
Tgt Ion:107 Resp: 21990
Ion Ratio Lower Upper
107 100
109 91.0 73.7 110.5



#62
4-Bromofluorobenzene
Concen: 47.441 ug/l
RT: 12.563 min Scan# 1866
Delta R.T. 0.006 min
Lab File: VD074253.D
Acq: 12 Sep 2022 13:23

Tgt Ion: 95 Resp: 77649
Ion Ratio Lower Upper
95 100
174 88.7 0.0 179.2
176 87.0 0.0 171.4

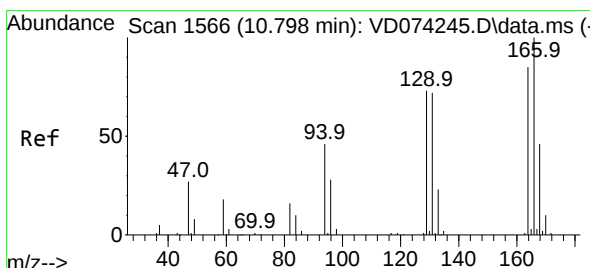
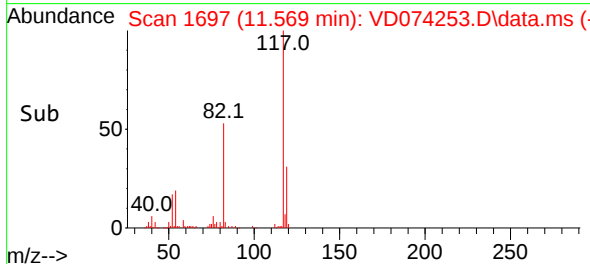
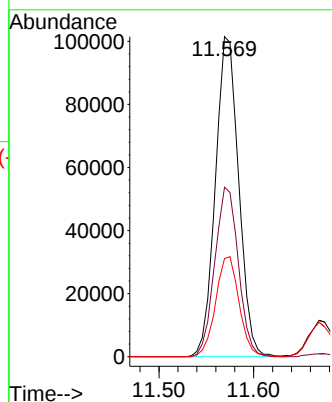
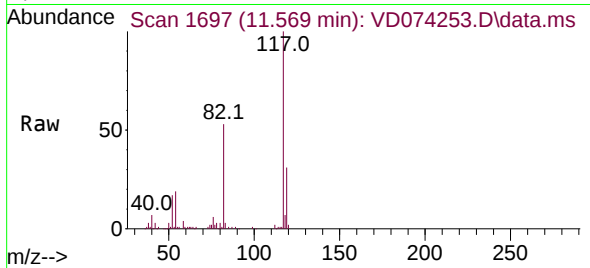




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.569 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VD074253.D
Acq: 12 Sep 2022 13:23

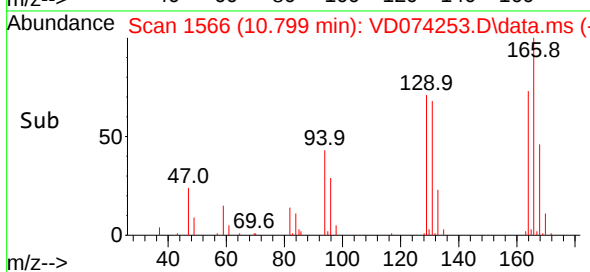
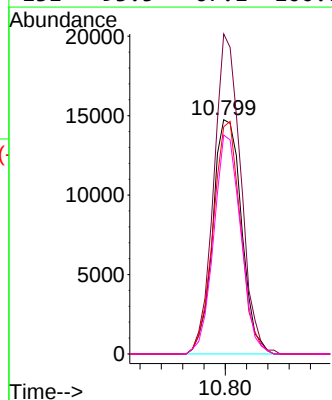
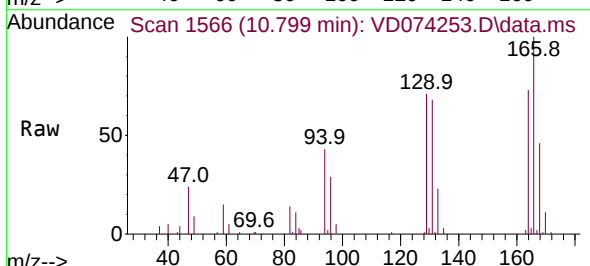
Instrument :
MSVOA_D
ClientSampleId :
VD0912SBS01

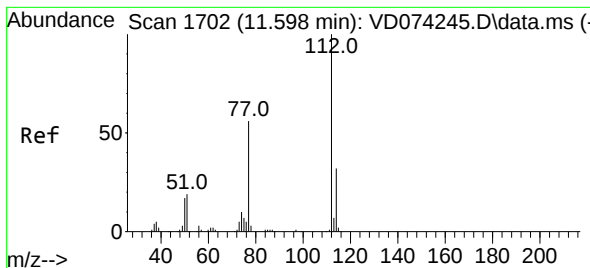
Tgt Ion:117 Resp: 174040
Ion Ratio Lower Upper
117 100
82 52.9 44.2 66.2
119 30.7 25.4 38.0



#64
Tetrachloroethene
Concen: 20.747 ug/l
RT: 10.799 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VD074253.D
Acq: 12 Sep 2022 13:23

Tgt Ion:164 Resp: 27608
Ion Ratio Lower Upper
164 100
166 136.7 93.8 140.8
129 97.1 68.3 102.5
131 93.5 67.1 100.7





#65

Chlorobenzene

Concen: 20.861 ug/l

RT: 11.599 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD074253.D

Acq: 12 Sep 2022 13:23

Instrument :

MSVOA_D

ClientSampleId :

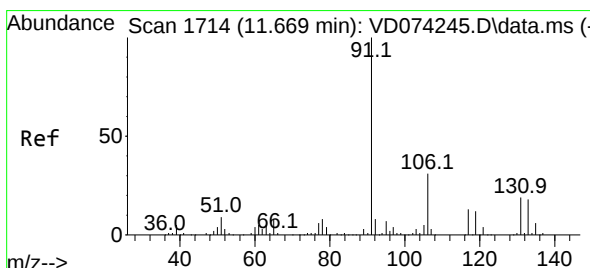
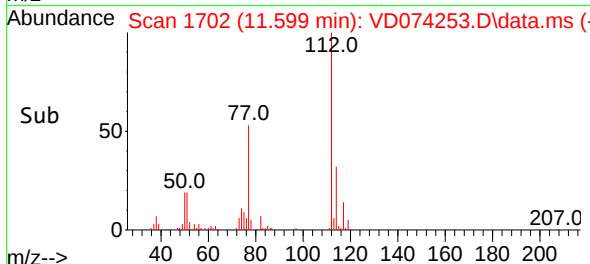
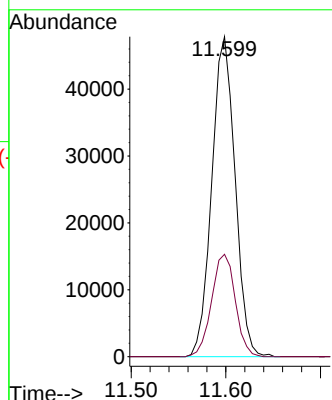
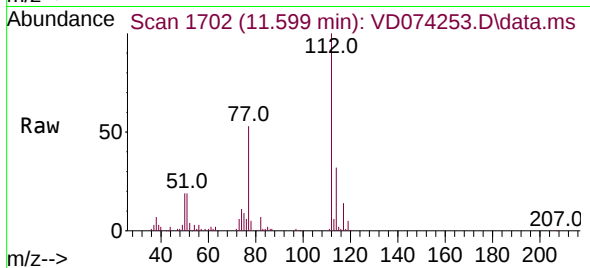
VD0912SBS01

Tgt Ion:112 Resp: 81620

Ion Ratio Lower Upper

112 100

114 32.0 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 20.354 ug/l

RT: 11.669 min Scan# 1714

Delta R.T. 0.000 min

Lab File: VD074253.D

Acq: 12 Sep 2022 13:23

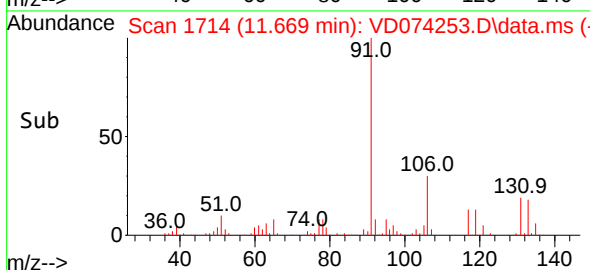
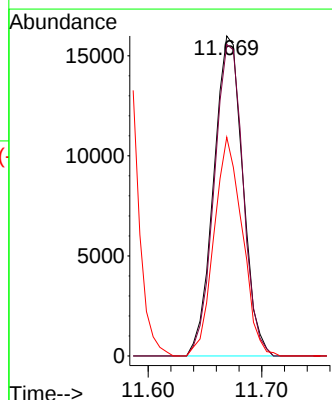
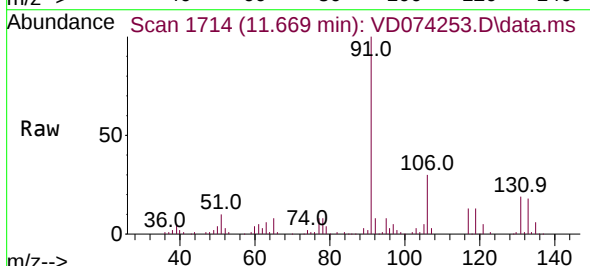
Tgt Ion:131 Resp: 28522

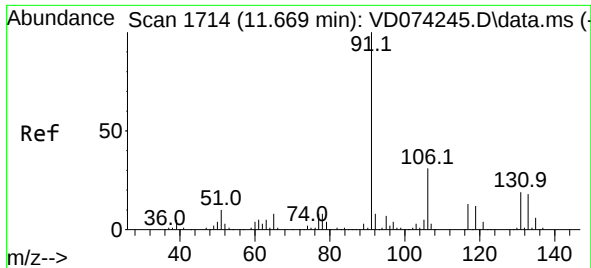
Ion Ratio Lower Upper

131 100

133 96.6 47.8 143.4

119 66.5 33.1 99.5





#67

Ethyl Benzene

Concen: 20.577 ug/l

RT: 11.675 min Scan# 1715

Delta R.T. 0.006 min

Lab File: VD074253.D

Acq: 12 Sep 2022 13:23

Instrument :

MSVOA_D

ClientSampleId :

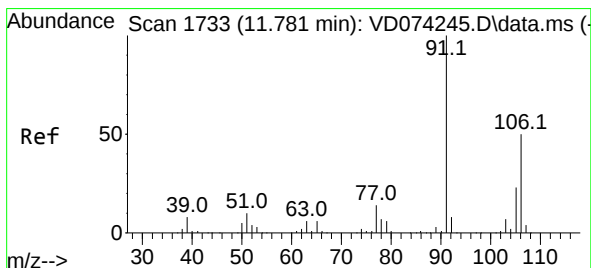
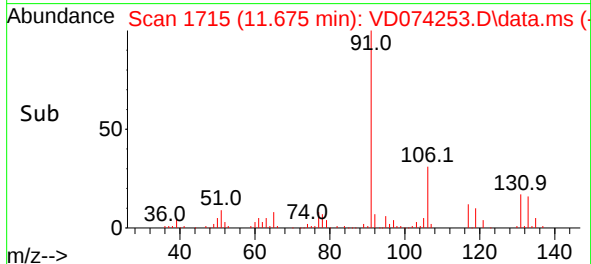
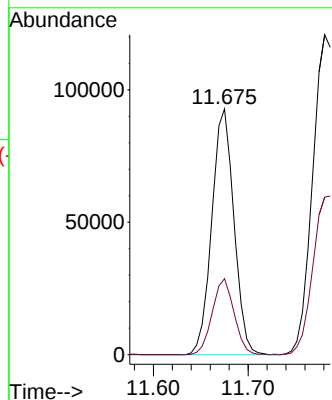
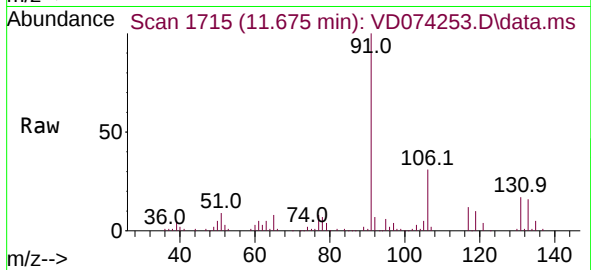
VD0912SBS01

Tgt Ion: 91 Resp: 150387

Ion Ratio Lower Upper

91 100

106 31.0 24.8 37.2



#68

m/p-Xylenes

Concen: 41.513 ug/l

RT: 11.787 min Scan# 1734

Delta R.T. 0.006 min

Lab File: VD074253.D

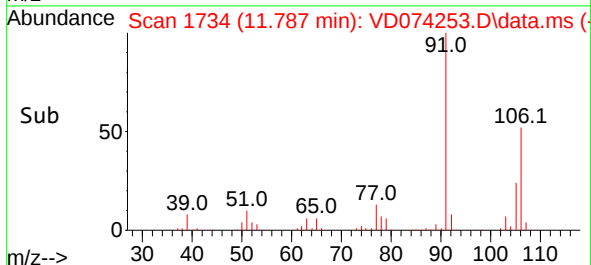
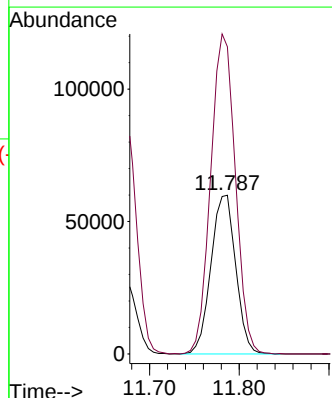
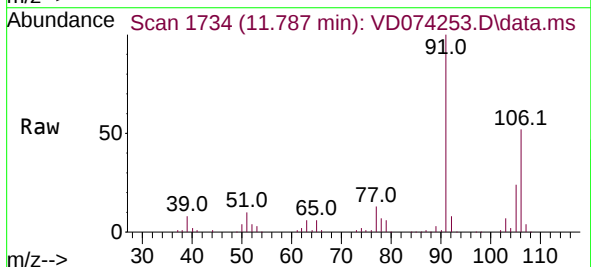
Acq: 12 Sep 2022 13:23

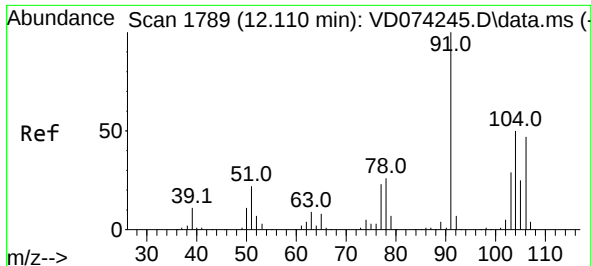
Tgt Ion:106 Resp: 115150

Ion Ratio Lower Upper

106 100

91 200.7 158.6 237.8

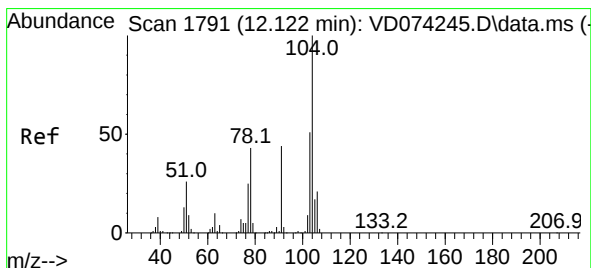
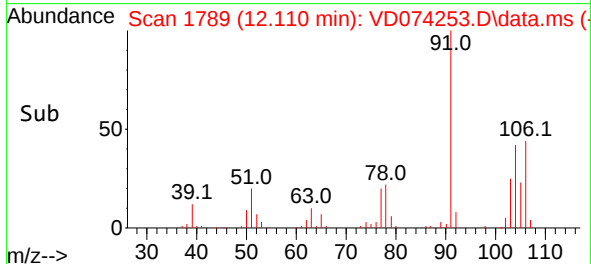
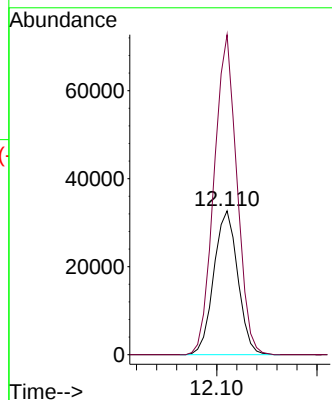
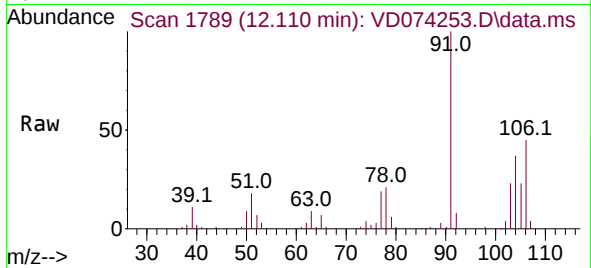




#69
o-Xylene
Concen: 20.709 ug/l
RT: 12.110 min Scan# 1789
Delta R.T. 0.000 min
Lab File: VD074253.D
Acq: 12 Sep 2022 13:23

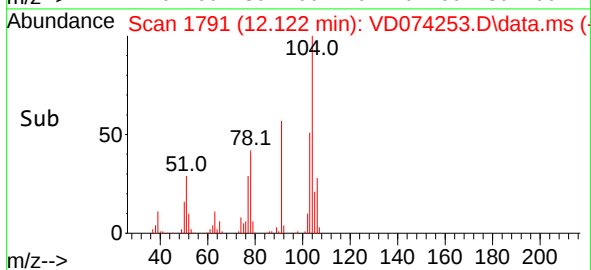
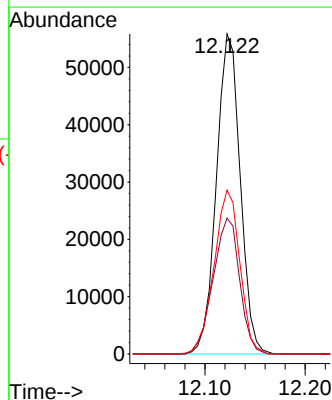
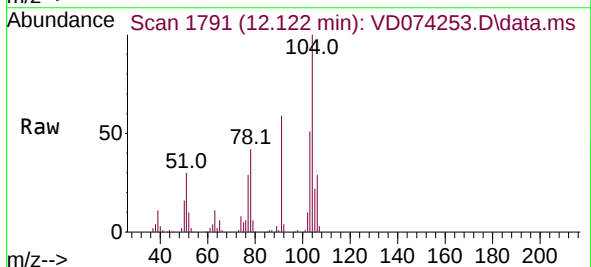
Instrument :
MSVOA_D
ClientSampleId :
VD0912SBS01

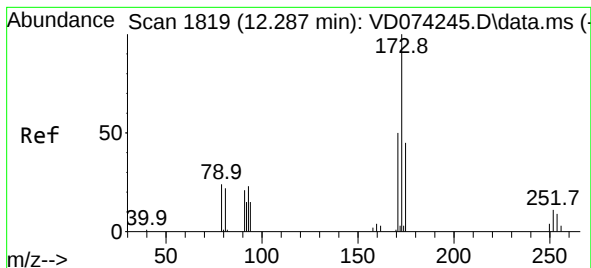
Tgt Ion:106 Resp: 54289
Ion Ratio Lower Upper
106 100
91 212.2 104.0 312.0



#70
Styrene
Concen: 21.027 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD074253.D
Acq: 12 Sep 2022 13:23

Tgt Ion:104 Resp: 91935
Ion Ratio Lower Upper
104 100
78 47.3 38.4 57.6
103 55.6 44.1 66.1





#71

Bromoform

Concen: 21.567 ug/l

RT: 12.287 min Scan# 1819

Delta R.T. 0.000 min

Lab File: VD074253.D

Acq: 12 Sep 2022 13:23

Instrument :

MSVOA_D

ClientSampleId :

VD0912SBS01

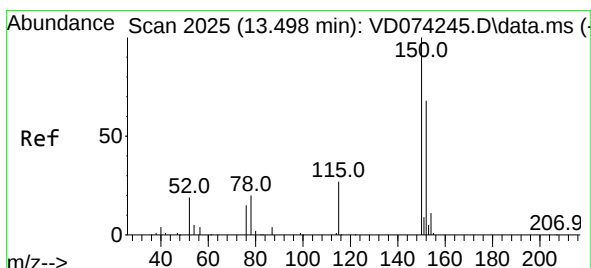
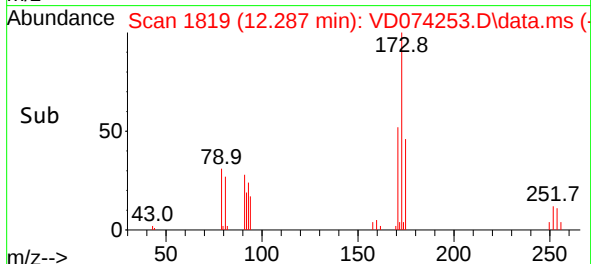
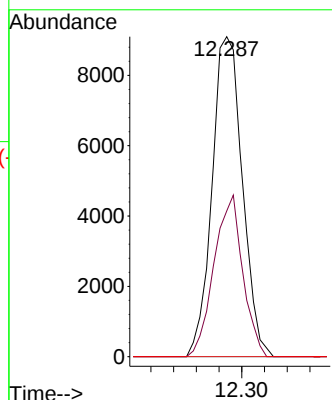
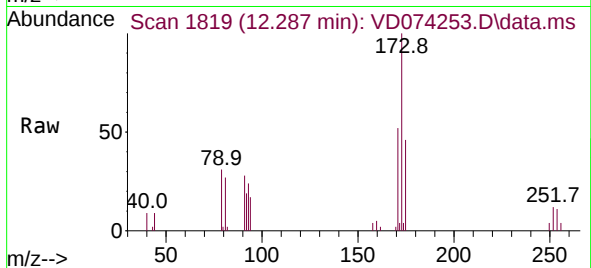
Tgt Ion:173 Resp: 16825

Ion Ratio Lower Upper

173 100

175 47.8 24.2 72.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.504 min Scan# 2026

Delta R.T. 0.006 min

Lab File: VD074253.D

Acq: 12 Sep 2022 13:23

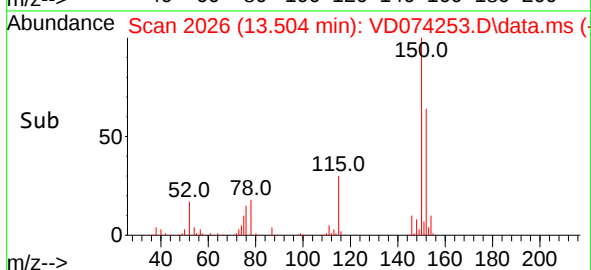
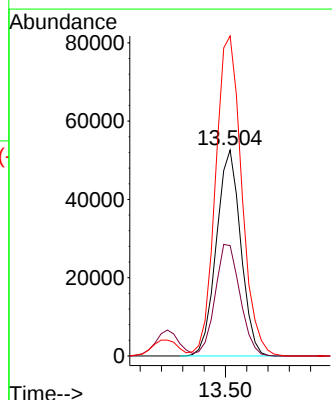
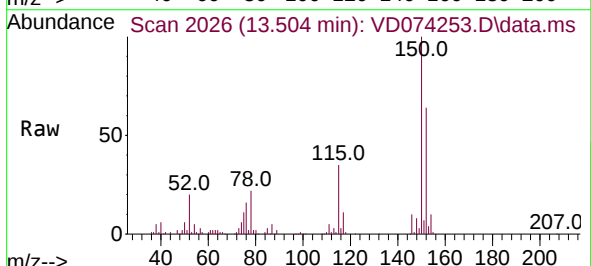
Tgt Ion:152 Resp: 83234

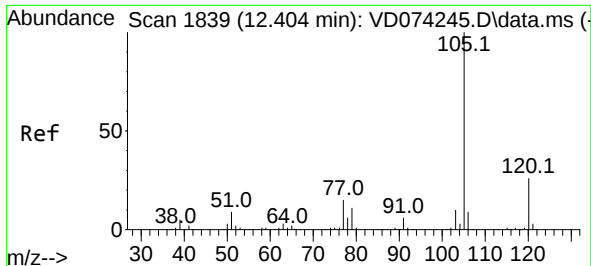
Ion Ratio Lower Upper

152 100

115 55.7 28.4 85.2

150 167.2 0.0 351.0

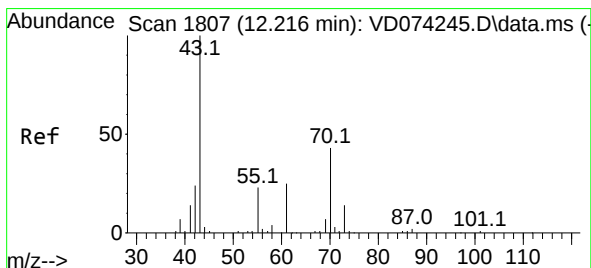
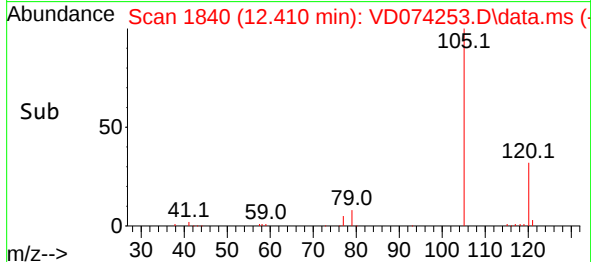
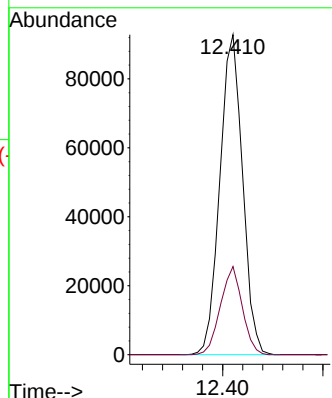
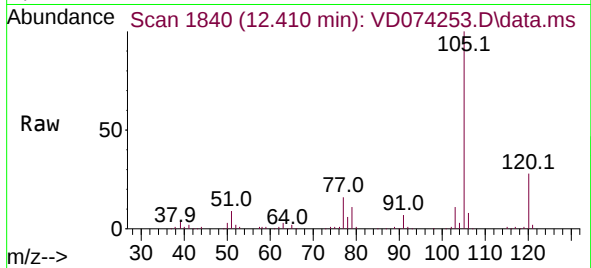




#73
Isopropylbenzene
Concen: 20.674 ug/l
RT: 12.410 min Scan# 1840
Delta R.T. 0.006 min
Lab File: VD074253.D
Acq: 12 Sep 2022 13:23

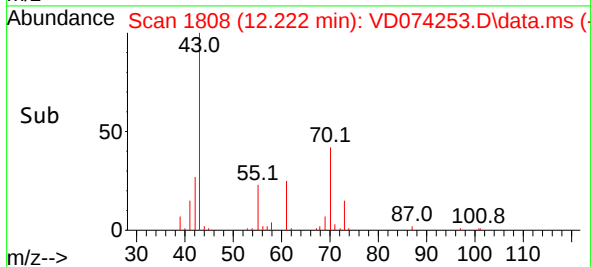
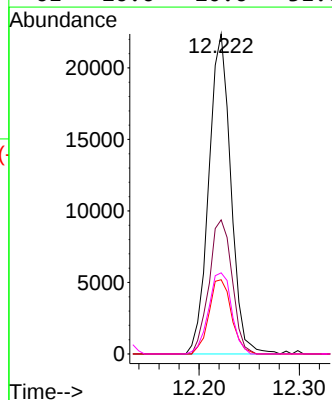
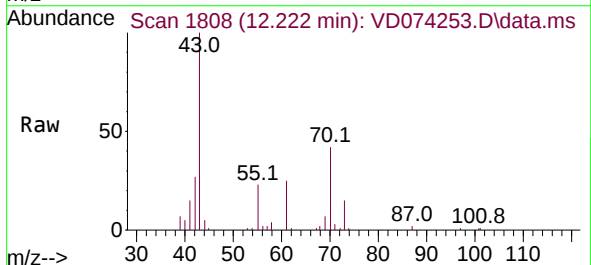
Instrument :
MSVOA_D
ClientSampleId :
VD0912SBS01

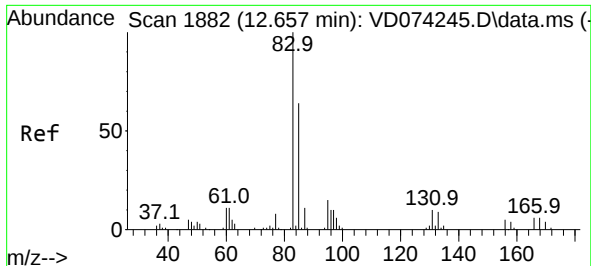
Tgt Ion:105 Resp: 145590
Ion Ratio Lower Upper
105 100
120 26.5 13.2 39.6



#74
N-ethyl acetate
Concen: 20.621 ug/l
RT: 12.222 min Scan# 1808
Delta R.T. 0.006 min
Lab File: VD074253.D
Acq: 12 Sep 2022 13:23

Tgt Ion: 43 Resp: 34197
Ion Ratio Lower Upper
43 100
70 43.7 34.6 51.8
55 23.7 18.2 27.2
61 26.6 20.6 31.0

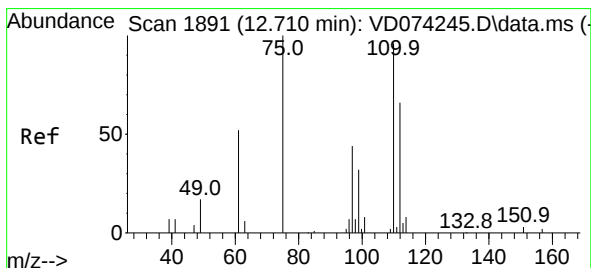
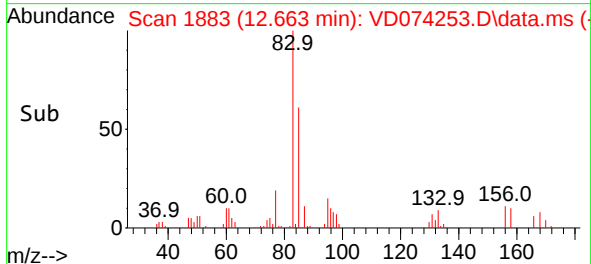
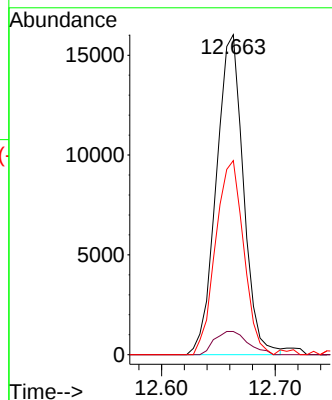
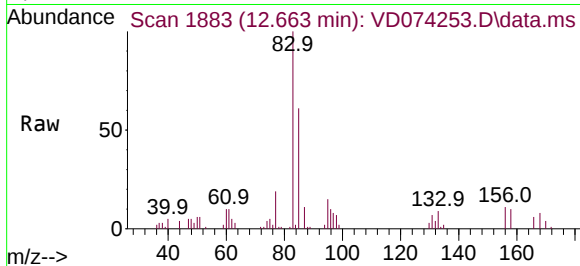




#75
 1,1,2,2-Tetrachloroethane
 Concen: 20.745 ug/l
 RT: 12.663 min Scan# 1883
 Delta R.T. 0.006 min
 Lab File: VD074253.D
 Acq: 12 Sep 2022 13:23

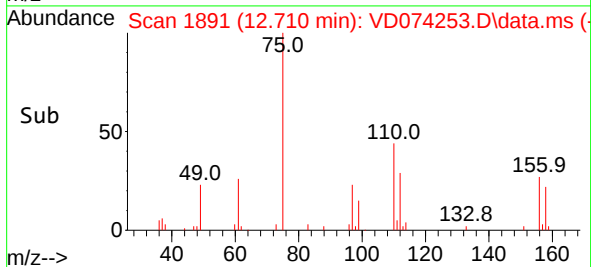
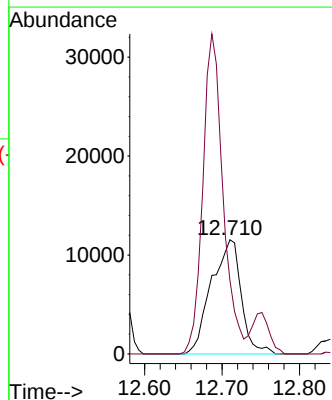
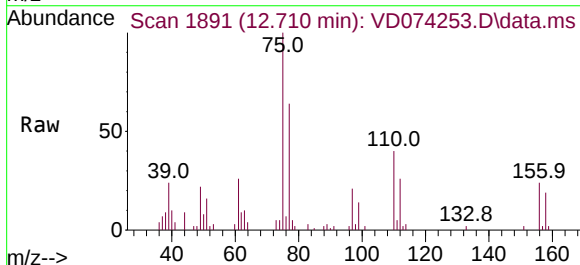
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0912SBS01

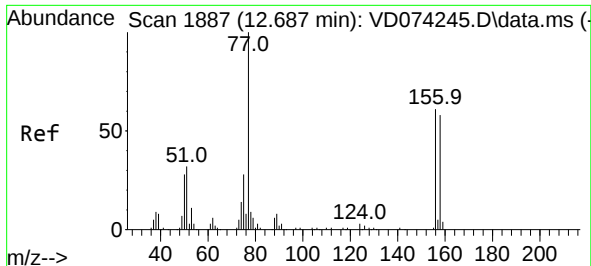
Tgt Ion: 83 Resp: 26601
 Ion Ratio Lower Upper
 83 100
 131 8.9 4.9 14.7
 85 62.7 32.3 96.9



#76
 1,2,3-Trichloropropane
 Concen: 36.242 ug/l
 RT: 12.710 min Scan# 1891
 Delta R.T. 0.000 min
 Lab File: VD074253.D
 Acq: 12 Sep 2022 13:23

Tgt Ion: 75 Resp: 30924
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

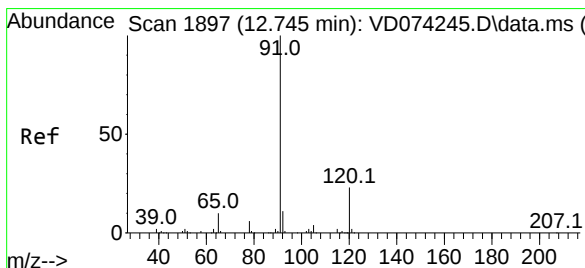
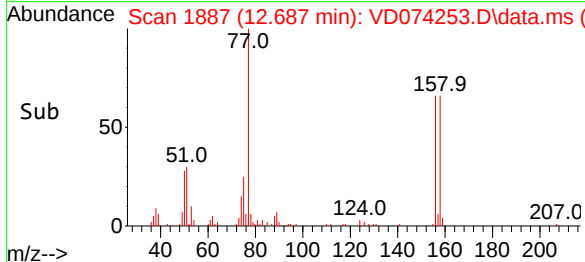
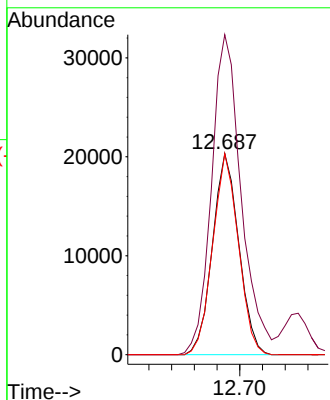
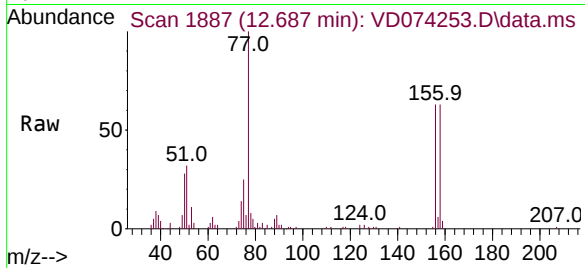




#77
Bromobenzene
Concen: 21.199 ug/l
RT: 12.687 min Scan# 1887
Delta R.T. 0.000 min
Lab File: VD074253.D
Acq: 12 Sep 2022 13:23

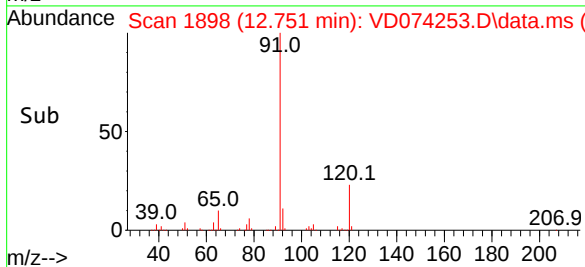
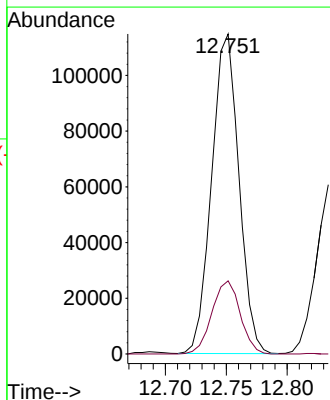
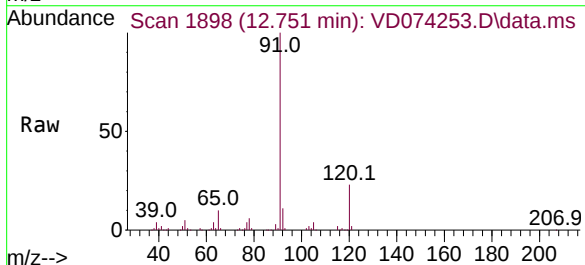
Instrument :
MSVOA_D
ClientSampleId :
VD0912SBS01

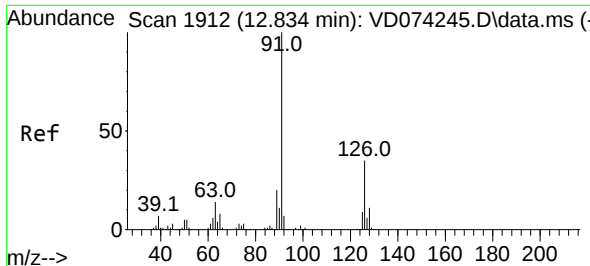
Tgt Ion:156 Resp: 32761
Ion Ratio Lower Upper
156 100
77 179.4 91.1 273.3
158 97.3 49.4 148.2



#78
n-propylbenzene
Concen: 20.708 ug/l
RT: 12.751 min Scan# 1898
Delta R.T. 0.006 min
Lab File: VD074253.D
Acq: 12 Sep 2022 13:23

Tgt Ion: 91 Resp: 178823
Ion Ratio Lower Upper
91 100
120 23.7 11.6 34.7

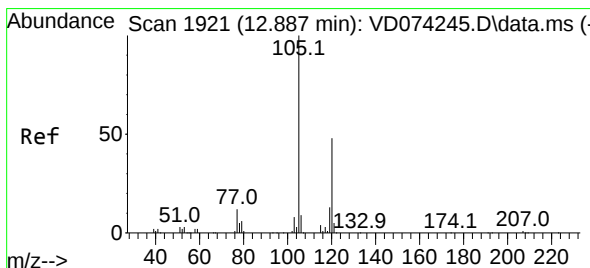
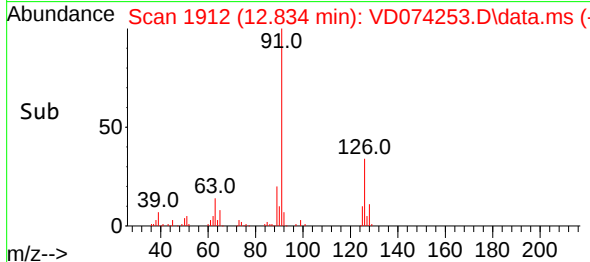
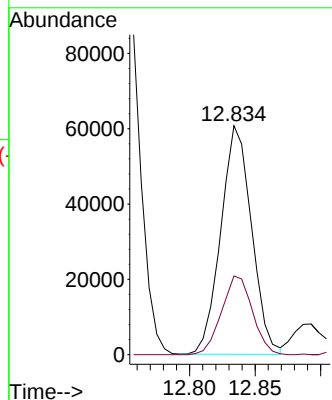
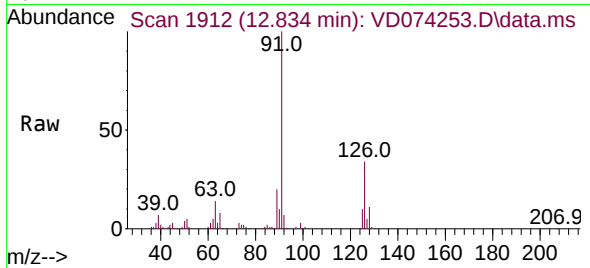




#79
2-Chlorotoluene
Concen: 21.228 ug/l
RT: 12.834 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VD074253.D
Acq: 12 Sep 2022 13:23

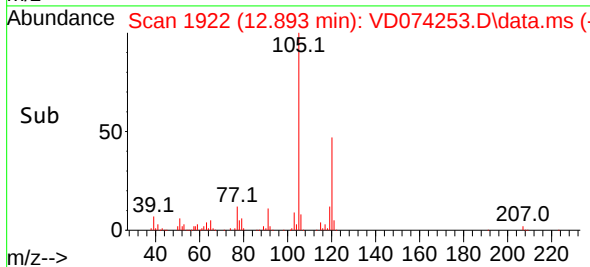
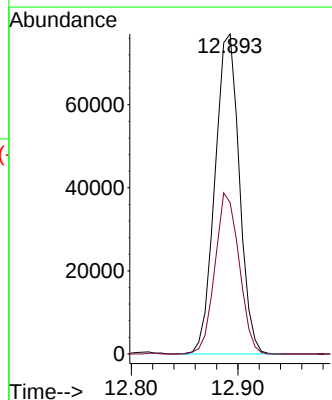
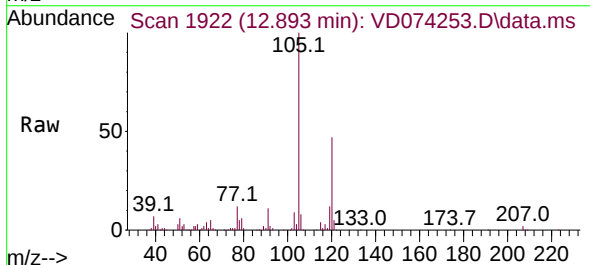
Instrument :
MSVOA_D
ClientSampleId :
VD0912SBS01

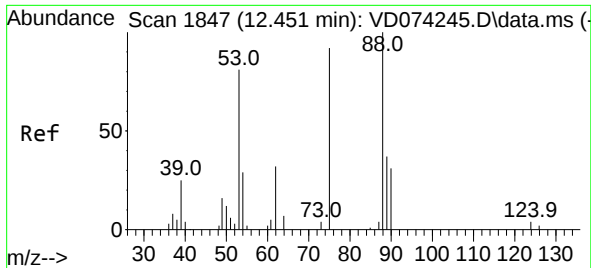
Tgt Ion: 91 Resp: 99161
Ion Ratio Lower Upper
91 100
126 34.4 17.3 51.9



#80
1,3,5-Trimethylbenzene
Concen: 20.943 ug/l
RT: 12.893 min Scan# 1922
Delta R.T. 0.006 min
Lab File: VD074253.D
Acq: 12 Sep 2022 13:23

Tgt Ion: 105 Resp: 122190
Ion Ratio Lower Upper
105 100
120 50.0 24.6 74.0

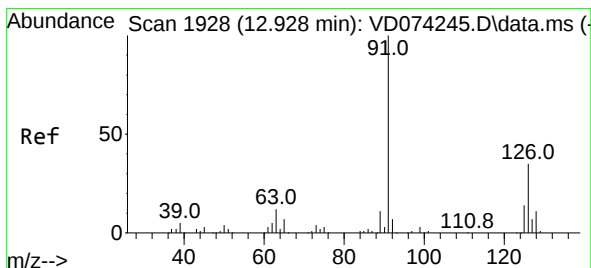
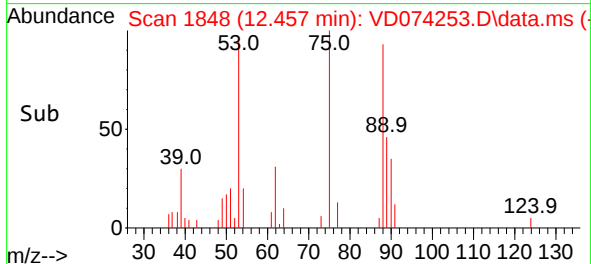
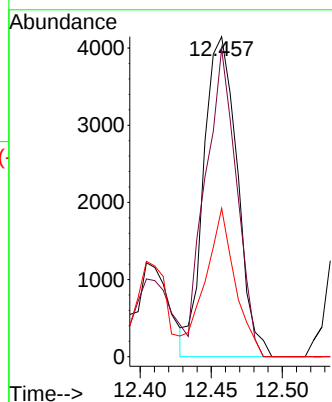
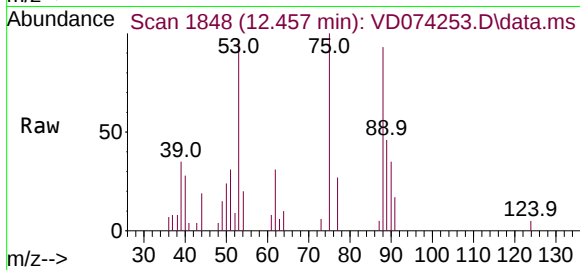




#81
trans-1,4-Dichloro-2-butene
Concen: 19.663 ug/l
RT: 12.457 min Scan# 1847
Delta R.T. 0.006 min
Lab File: VD074253.D
Acq: 12 Sep 2022 13:23

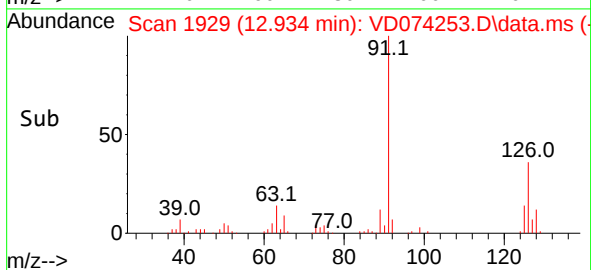
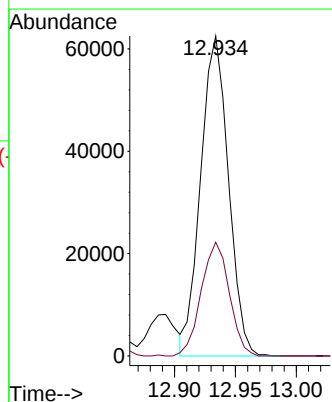
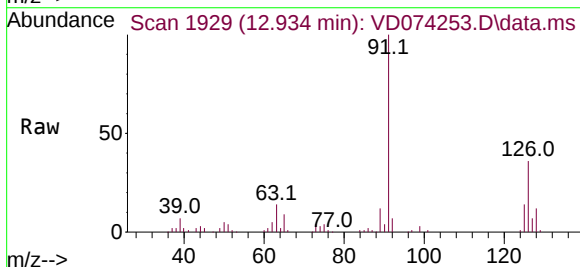
Instrument :
MSVOA_D
ClientSampleId :
VD0912SBS01

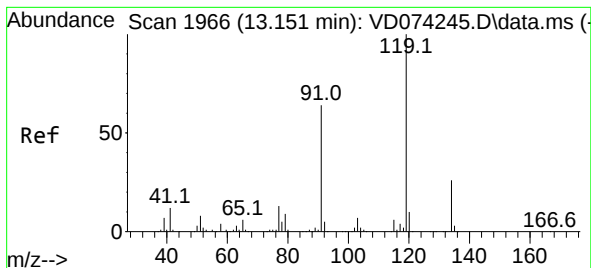
Tgt Ion: 75 Resp: 6805
Ion Ratio Lower Upper
75 100
53 88.7 0.0 0.0#
89 41.4 0.0 0.0#



#82
4-Chlorotoluene
Concen: 20.914 ug/l
RT: 12.934 min Scan# 1929
Delta R.T. 0.006 min
Lab File: VD074253.D
Acq: 12 Sep 2022 13:23

Tgt Ion: 91 Resp: 99463
Ion Ratio Lower Upper
91 100
126 36.0 17.2 51.6





#83

tert-Butylbenzene

Concen: 19.968 ug/l

RT: 13.151 min Scan# 1966

Delta R.T. 0.000 min

Lab File: VD074253.D

Acq: 12 Sep 2022 13:23

Instrument :

MSVOA_D

ClientSampleId :

VD0912SBS01

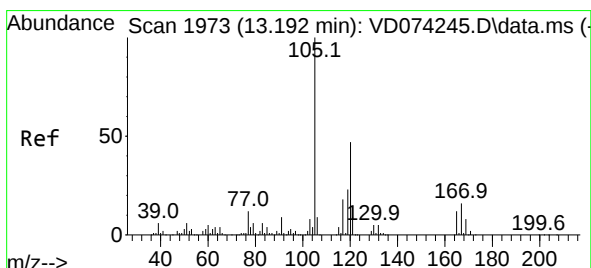
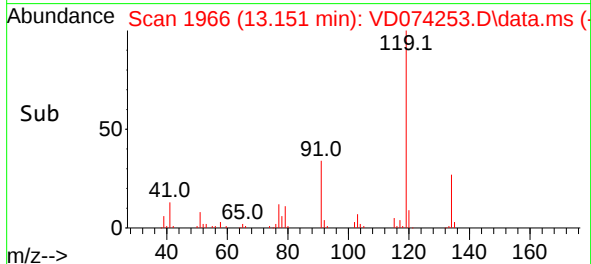
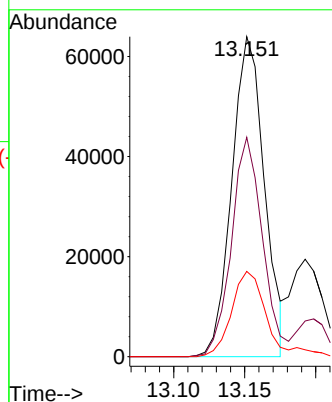
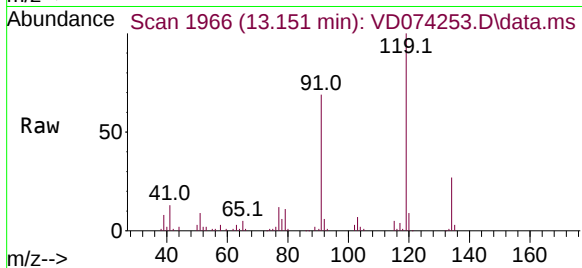
Tgt Ion:119 Resp: 101970

Ion Ratio Lower Upper

119 100

91 65.6 31.3 93.9

134 28.7 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 21.169 ug/l

RT: 13.198 min Scan# 1974

Delta R.T. 0.006 min

Lab File: VD074253.D

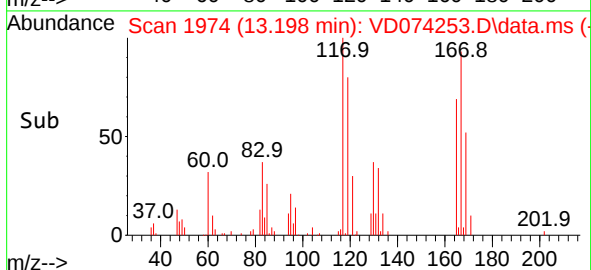
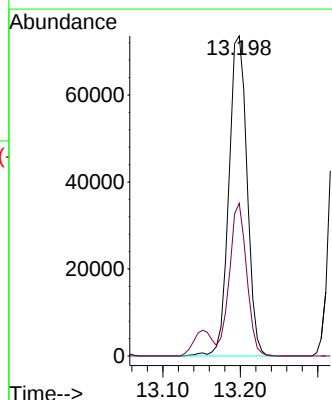
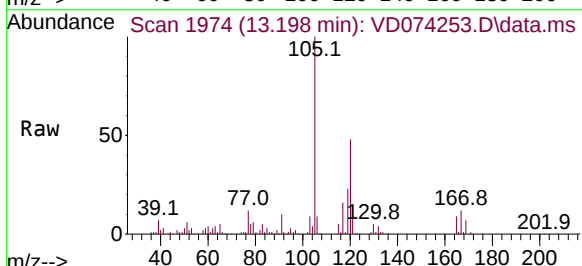
Acq: 12 Sep 2022 13:23

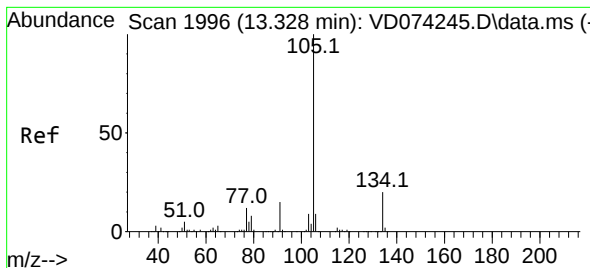
Tgt Ion:105 Resp: 119904

Ion Ratio Lower Upper

105 100

120 45.2 23.1 69.3





#85

sec-Butylbenzene

Concen: 20.570 ug/l

RT: 13.328 min Scan# 1996

Delta R.T. 0.000 min

Lab File: VD074253.D

Acq: 12 Sep 2022 13:23

Instrument :

MSVOA_D

ClientSampleId :

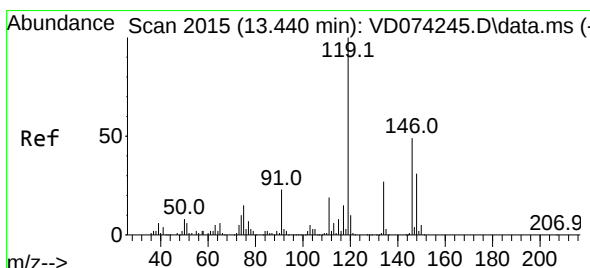
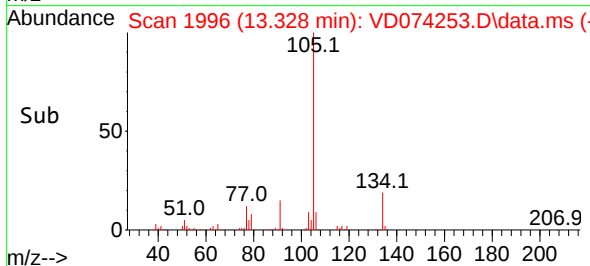
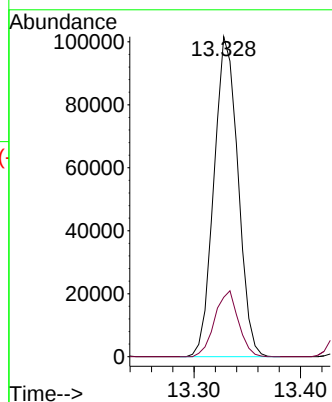
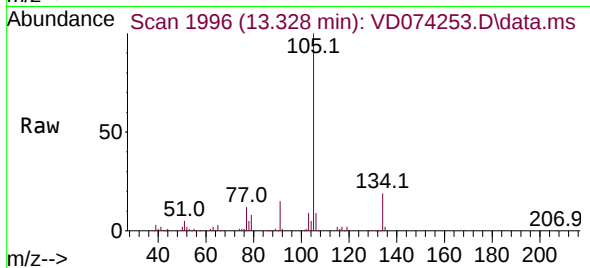
VD0912SBS01

Tgt Ion:105 Resp: 159123

Ion Ratio Lower Upper

105 100

134 20.3 10.0 29.8



#86

p-Isopropyltoluene

Concen: 21.223 ug/l

RT: 13.446 min Scan# 2016

Delta R.T. 0.006 min

Lab File: VD074253.D

Acq: 12 Sep 2022 13:23

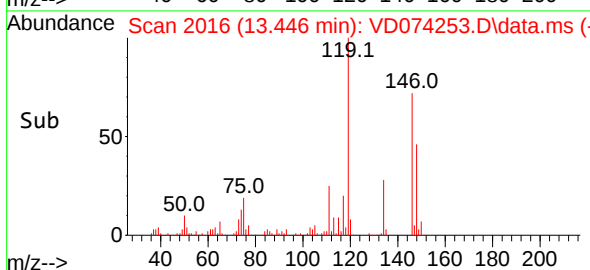
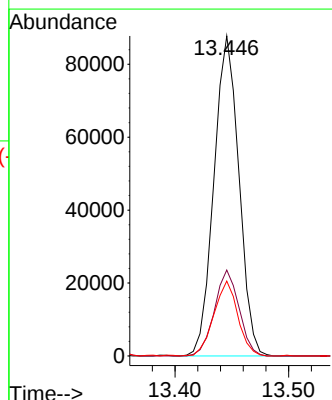
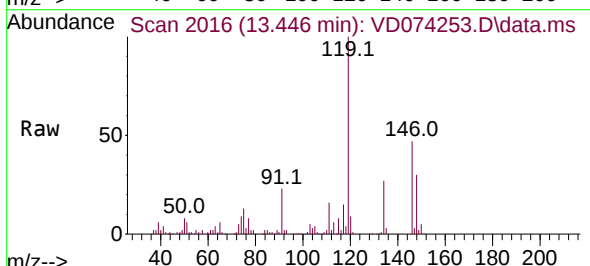
Tgt Ion:119 Resp: 134098

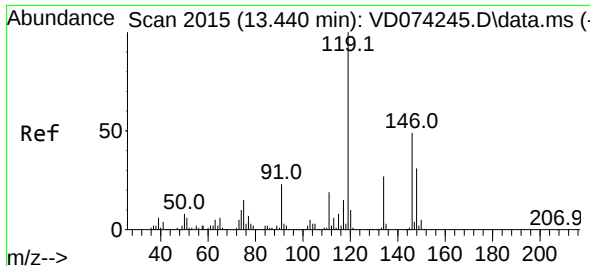
Ion Ratio Lower Upper

119 100

134 26.3 13.1 39.3

91 22.5 11.2 33.5





#87

1,3-Dichlorobenzene

Concen: 21.042 ug/l

RT: 13.446 min Scan# 2015

Delta R.T. 0.006 min

Lab File: VD074253.D

Acq: 12 Sep 2022 13:23

Instrument :

MSVOA_D

ClientSampleId :

VD0912SBS01

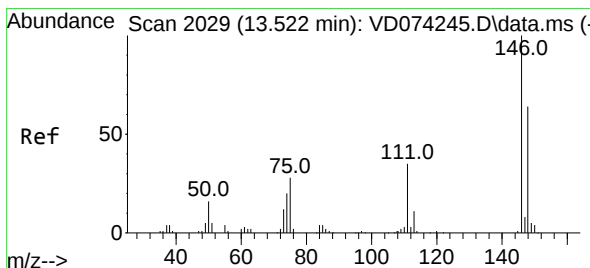
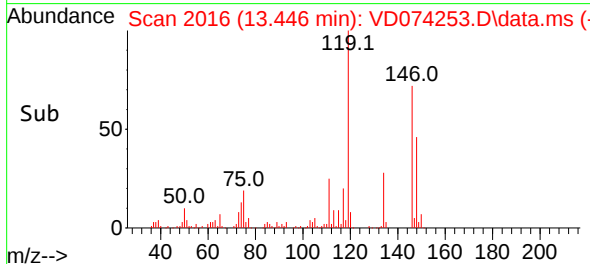
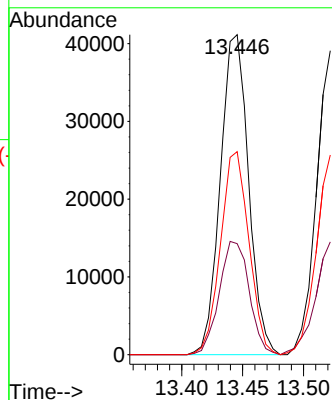
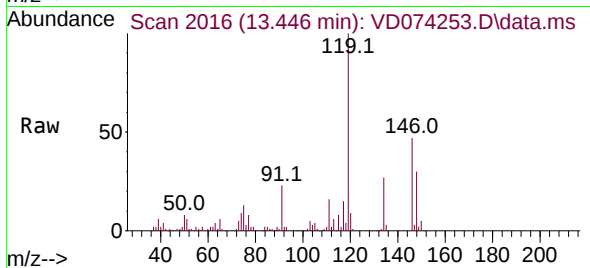
Tgt Ion:146 Resp: 66320

Ion Ratio Lower Upper

146 100

111 37.5 18.1 54.4

148 63.8 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 21.080 ug/l

RT: 13.522 min Scan# 2029

Delta R.T. 0.000 min

Lab File: VD074253.D

Acq: 12 Sep 2022 13:23

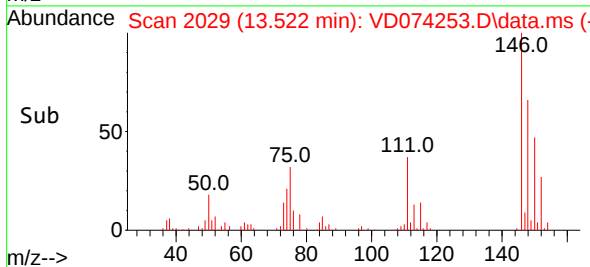
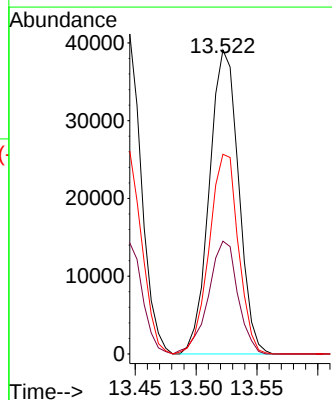
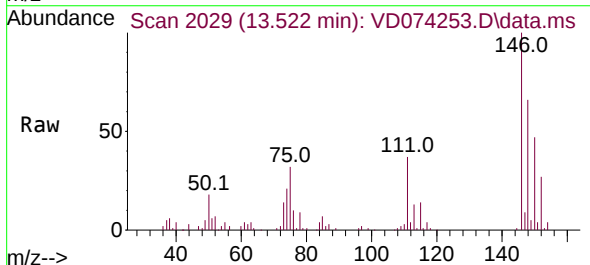
Tgt Ion:146 Resp: 65336

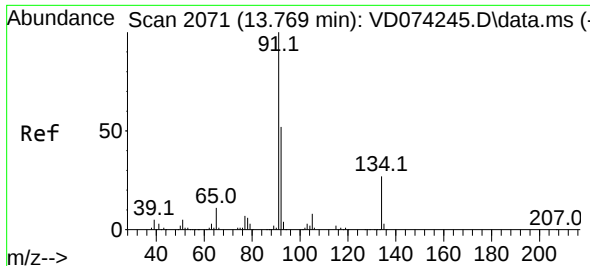
Ion Ratio Lower Upper

146 100

111 37.4 18.4 55.2

148 65.5 32.1 96.5

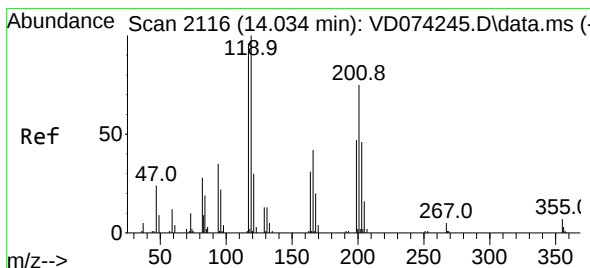
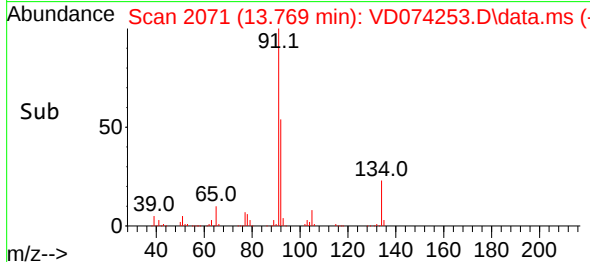
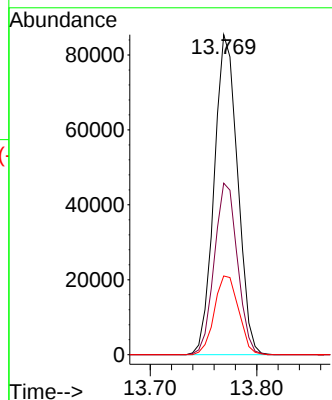
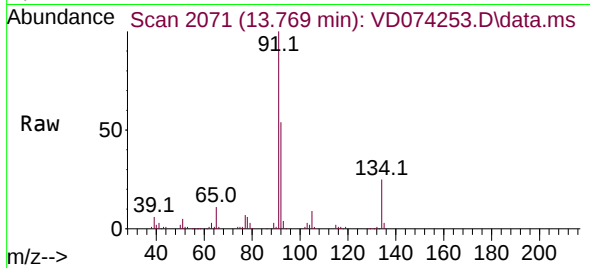




#89
n-Butylbenzene
Concen: 21.089 ug/l
RT: 13.769 min Scan# 2071
Delta R.T. 0.000 min
Lab File: VD074253.D
Acq: 12 Sep 2022 13:23

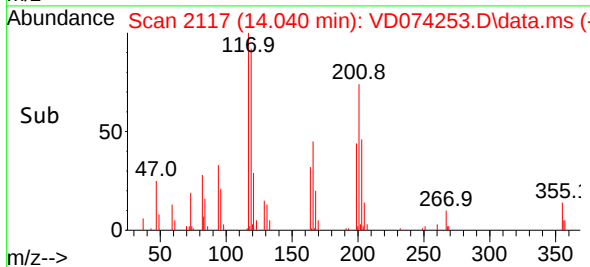
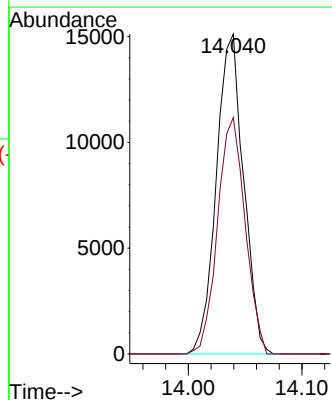
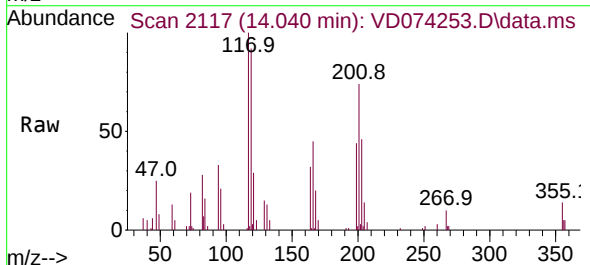
Instrument :
MSVOA_D
ClientSampleId :
VD0912SBS01

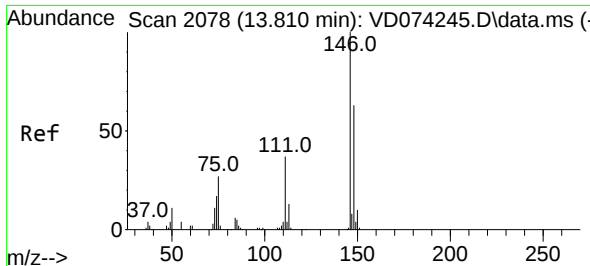
Tgt Ion: 91 Resp: 130213
Ion Ratio Lower Upper
91 100
92 53.0 26.6 79.7
134 25.5 13.1 39.1



#90
Hexachloroethane
Concen: 21.829 ug/l
RT: 14.040 min Scan# 2117
Delta R.T. 0.006 min
Lab File: VD074253.D
Acq: 12 Sep 2022 13:23

Tgt Ion: 117 Resp: 25232
Ion Ratio Lower Upper
117 100
201 74.6 38.0 113.9

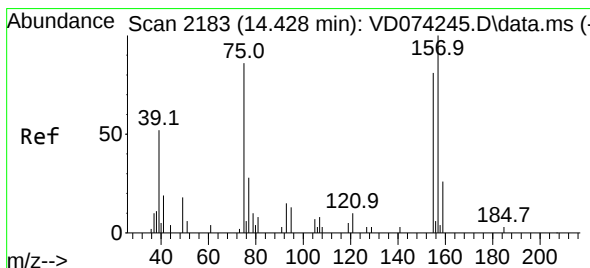
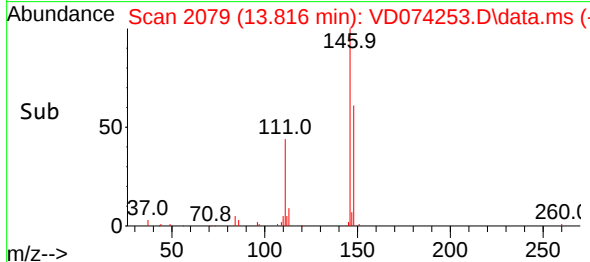
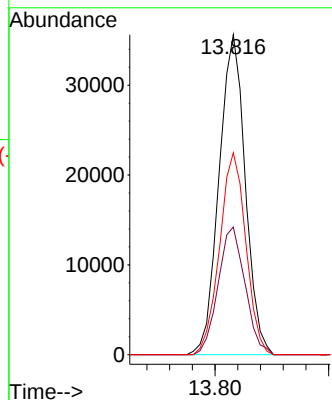
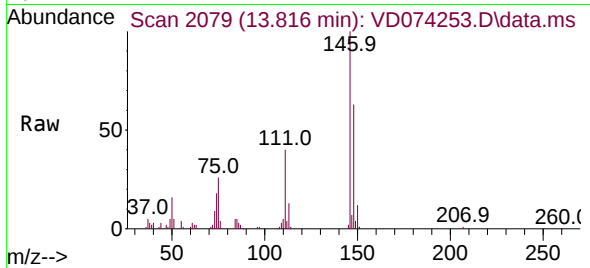




#91
1,2-Dichlorobenzene
Concen: 20.813 ug/l
RT: 13.816 min Scan# 2078
Delta R.T. 0.006 min
Lab File: VD074253.D
Acq: 12 Sep 2022 13:23

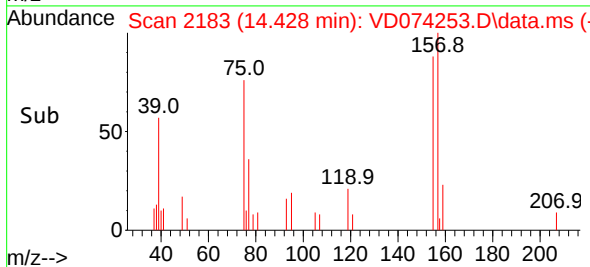
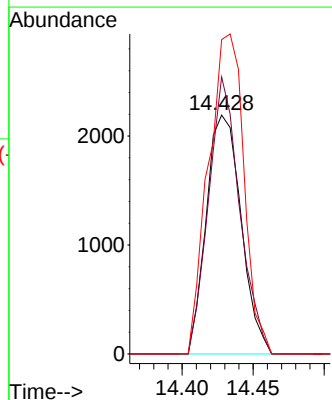
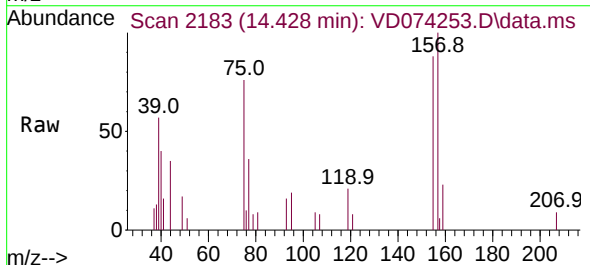
Instrument :
MSVOA_D
ClientSampleId :
VD0912SBS01

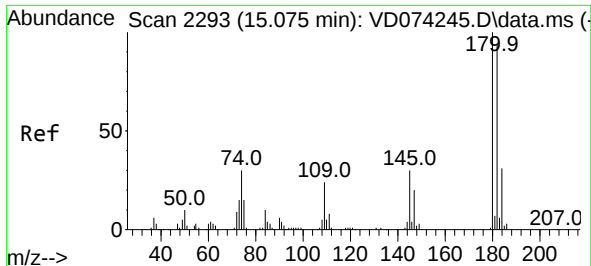
Tgt Ion:146 Resp: 57048
Ion Ratio Lower Upper
146 100
111 41.0 19.4 58.4
148 63.1 31.5 94.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.718 ug/l
RT: 14.428 min Scan# 2183
Delta R.T. 0.000 min
Lab File: VD074253.D
Acq: 12 Sep 2022 13:23

Tgt Ion: 75 Resp: 3733
Ion Ratio Lower Upper
75 100
155 103.8 49.2 147.6
157 136.3 62.1 186.2

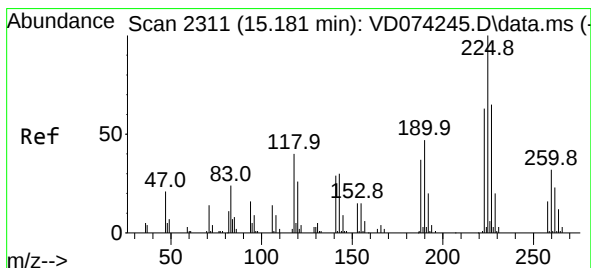
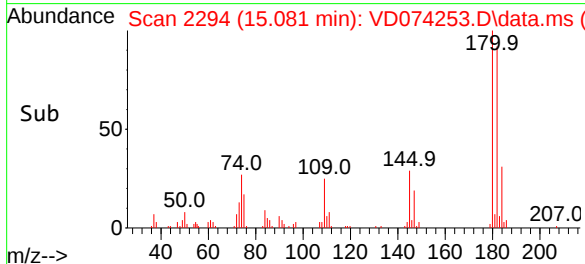
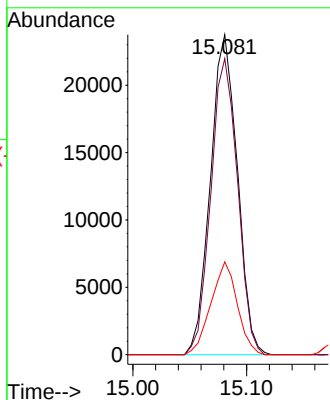
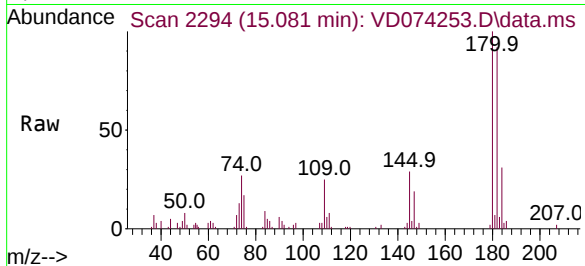




#93
1,2,4-Trichlorobenzene
Concen: 20.676 ug/l
RT: 15.081 min Scan# 2293
Delta R.T. 0.006 min
Lab File: VD074253.D
Acq: 12 Sep 2022 13:23

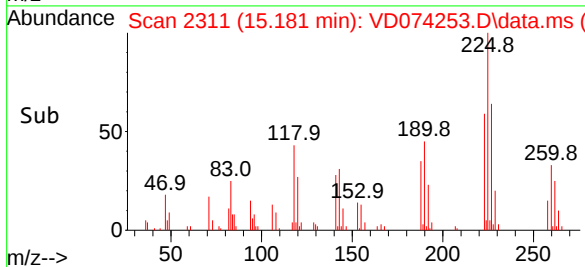
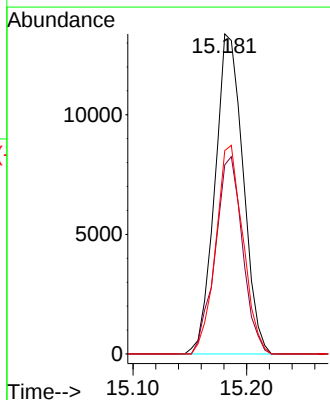
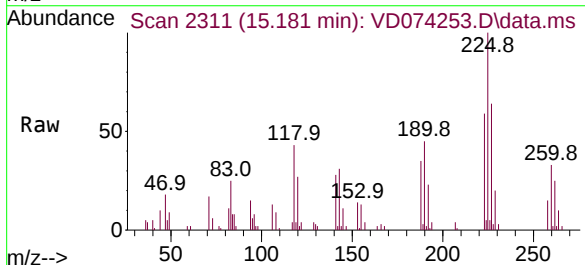
Instrument :
MSVOA_D
ClientSampleId :
VD0912SBS01

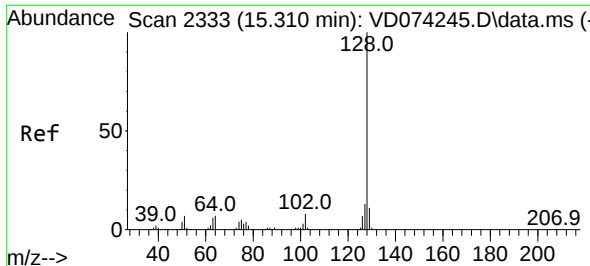
Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.6	47.6	142.9
145	28.4	14.4	43.4



#94
Hexachlorobutadiene
Concen: 21.295 ug/l
RT: 15.181 min Scan# 2311
Delta R.T. 0.000 min
Lab File: VD074253.D
Acq: 12 Sep 2022 13:23

Tgt Ion	Ratio	Lower	Upper
225	100		
223	59.8	32.4	97.0
227	62.8	32.7	98.1

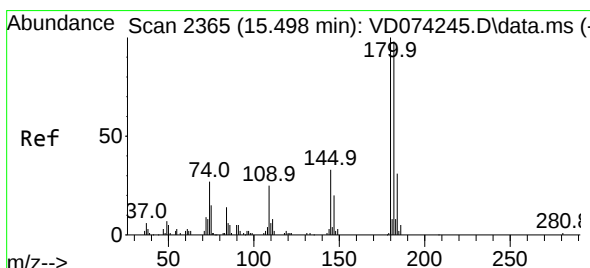
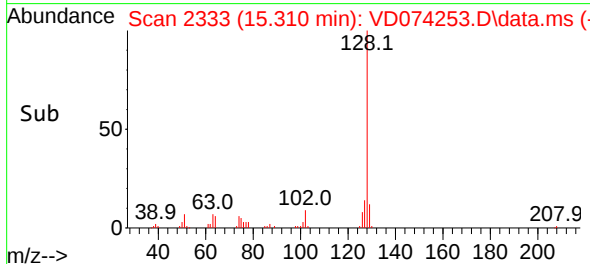
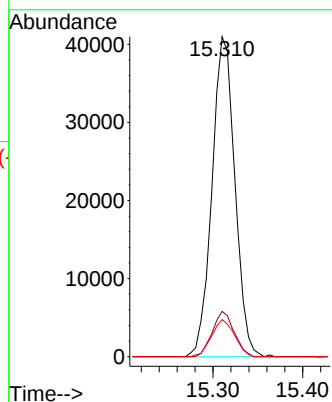
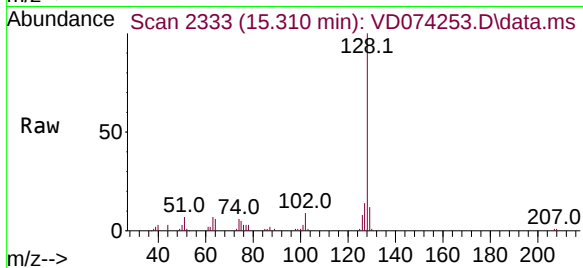




#95
Naphthalene
Concen: 20.489 ug/l
RT: 15.310 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD074253.D
Acq: 12 Sep 2022 13:23

Instrument :
MSVOA_D
ClientSampleId :
VD0912SBS01

Tgt Ion:	128	Resp:	72537
Ion Ratio	Lower	Upper	
128	100		
127	13.5	10.9	16.3
129	11.5	8.8	13.2



#96
1,2,3-Trichlorobenzene
Concen: 20.617 ug/l
RT: 15.504 min Scan# 2366
Delta R.T. 0.006 min
Lab File: VD074253.D
Acq: 12 Sep 2022 13:23

Tgt Ion:	180	Resp:	33534
Ion Ratio	Lower	Upper	
180	100		
182	95.6	47.5	142.5
145	30.5	15.8	47.3

