

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071923\
 Data File : VD076786.D
 Acq On : 19 Jul 2023 13:07
 Operator : KP/SY
 Sample : VD0719SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0719SBS01

Quant Time: Jul 20 04:58:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 17 08:07:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	176737	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	318314	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	286980	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	133890	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	81955	46.556	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.120%
35) Dibromofluoromethane	7.805	113	97617	48.801	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.600%
50) Toluene-d8	10.269	98	332433	46.456	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.920%
62) 4-Bromofluorobenzene	12.575	95	107269	46.338	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.680%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	31011	22.438	ug/l	100
3) Chloromethane	2.146	50	45122	18.926	ug/l	96
4) Vinyl Chloride	2.281	62	67071	21.104	ug/l	97
5) Bromomethane	2.675	94	53724	20.546	ug/l	100
6) Chloroethane	2.828	64	49321	20.555	ug/l	96
7) Trichlorofluoromethane	3.164	101	64480	22.802	ug/l	89
8) Diethyl Ether	3.587	74	18665	19.171	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.958	101	42702	22.972	ug/l	97
10) Methyl Iodide	4.158	142	43710	20.860	ug/l	93
11) Tert butyl alcohol	5.064	59	14186	107.993	ug/l	97
12) 1,1-Dichloroethene	3.928	96	35837	20.520	ug/l	95
13) Acrolein	3.799	56	11026	123.172	ug/l	99
14) Allyl chloride	4.558	41	44900	19.571	ug/l	91
15) Acrylonitrile	5.252	53	48354	101.117	ug/l	97
16) Acetone	4.022	43	38399	91.337	ug/l #	85
17) Carbon Disulfide	4.270	76	79035	19.376	ug/l	100
18) Methyl Acetate	4.564	43	31988	20.252	ug/l	92
19) Methyl tert-butyl Ether	5.317	73	90321	19.285	ug/l	99
20) Methylene Chloride	4.799	84	74935	24.728	ug/l	90
21) trans-1,2-Dichloroethene	5.311	96	41097	20.244	ug/l	98
22) Diisopropyl ether	6.222	45	109668	20.187	ug/l	94
23) Vinyl Acetate	6.152	43	252623m	93.982	ug/l	
24) 1,1-Dichloroethane	6.111	63	75508	20.614	ug/l	97
25) 2-Butanone	7.075	43	56889	101.108	ug/l #	85
26) 2,2-Dichloropropane	7.075	77	68631	21.736	ug/l	95
27) cis-1,2-Dichloroethene	7.075	96	51594	20.616	ug/l	94
28) Bromochloromethane	7.422	49	22053	24.082	ug/l	89
29) Tetrahydrofuran	7.446	42	32495	97.748	ug/l	90
30) Chloroform	7.593	83	80245	20.002	ug/l	98
31) Cyclohexane	7.875	56	53805	20.769	ug/l	91
32) 1,1,1-Trichloroethane	7.787	97	70051	21.642	ug/l	97
36) 1,1-Dichloropropene	8.005	75	55856	21.369	ug/l	99
37) Ethyl Acetate	7.169	43	24917	21.316	ug/l	96
38) Carbon Tetrachloride	7.987	117	54741	21.872	ug/l	94
39) Methylcyclohexane	9.275	83	63331	20.984	ug/l	94
40) Benzene	8.252	78	172974	20.973	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	13074	18.315	ug/l #	92
42) 1,2-Dichloroethane	8.328	62	44264	20.656	ug/l	98
43) Isopropyl Acetate	8.363	43	44194	19.372	ug/l	95
44) Trichloroethene	9.028	130	45837	20.395	ug/l	90
45) 1,2-Dichloropropane	9.305	63	46377	21.784	ug/l	92
46) Dibromomethane	9.393	93	25324	20.322	ug/l	91
47) Bromodichloromethane	9.587	83	65895	21.072	ug/l	96
48) Methyl methacrylate	9.381	41	18928	18.230	ug/l	85
49) 1,4-Dioxane	9.381	88	5726	358.641	ug/l	96
51) 4-Methyl-2-Pentanone	10.157	43	117799	96.983	ug/l	95
52) Toluene	10.334	92	109969	20.302	ug/l	95
53) t-1,3-Dichloropropene	10.552	75	57361	19.762	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	66543	19.452	ug/l #	87
55) 1,1,2-Trichloroethane	10.734	97	36565	20.094	ug/l	93
56) Ethyl methacrylate	10.599	69	39493	18.804	ug/l #	88
57) 1,3-Dichloropropane	10.881	76	60573	20.440	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	80836	99.432	ug/l	99
59) 2-Hexanone	10.922	43	80226	92.565	ug/l	91
60) Dibromochloromethane	11.075	129	44338	20.974	ug/l	99
61) 1,2-Dibromoethane	11.181	107	33427	19.814	ug/l	100
64) Tetrachloroethene	10.810	164	34623	21.158	ug/l	91
65) Chlorobenzene	11.610	112	119905	20.774	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	46062	21.436	ug/l	94
67) Ethyl Benzene	11.687	91	210868	20.803	ug/l	96
68) m/p-Xylenes	11.793	106	157624	40.490	ug/l	87
69) o-Xylene	12.122	106	76879	20.422	ug/l	92
70) Styrene	12.134	104	131695	19.984	ug/l	95
71) Bromoform	12.304	173	23011	19.552	ug/l #	94
73) Isopropylbenzene	12.422	105	204580	21.060	ug/l	95
74) N-amyl acetate	12.234	43	40970	20.020	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.675	83	43018	20.626	ug/l	96
76) 1,2,3-Trichloropropane	12.728	75	21996m	17.275	ug/l	
77) Bromobenzene	12.704	156	46603	20.784	ug/l	87
78) n-propylbenzene	12.763	91	256821	21.808	ug/l	95
79) 2-Chlorotoluene	12.851	91	135732	21.021	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	169147	21.535	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	12304	20.566	ug/l	97
82) 4-Chlorotoluene	12.946	91	144527	21.425	ug/l	94
83) tert-Butylbenzene	13.169	119	147134	21.275	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	166011	20.682	ug/l	96
85) sec-Butylbenzene	13.346	105	230220	21.788	ug/l	94
86) p-Isopropyltoluene	13.463	119	186366	21.357	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	92941	20.153	ug/l	96
88) 1,4-Dichlorobenzene	13.540	146	96067	21.261	ug/l	96
89) n-Butylbenzene	13.787	91	184869	21.650	ug/l	96
90) Hexachloroethane	14.051	117	37314	23.129	ug/l	85
91) 1,2-Dichlorobenzene	13.828	146	86853	21.372	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	5968	20.069	ug/l	95
93) 1,2,4-Trichlorobenzene	15.098	180	48905	19.712	ug/l	98
94) Hexachlorobutadiene	15.204	225	24647	20.656	ug/l	97
95) Naphthalene	15.328	128	98591	18.353	ug/l	97
96) 1,2,3-Trichlorobenzene	15.522	180	44774	20.110	ug/l	96

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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Mon Jul 17 08:07:52 2023
Response via : Initial Calibration

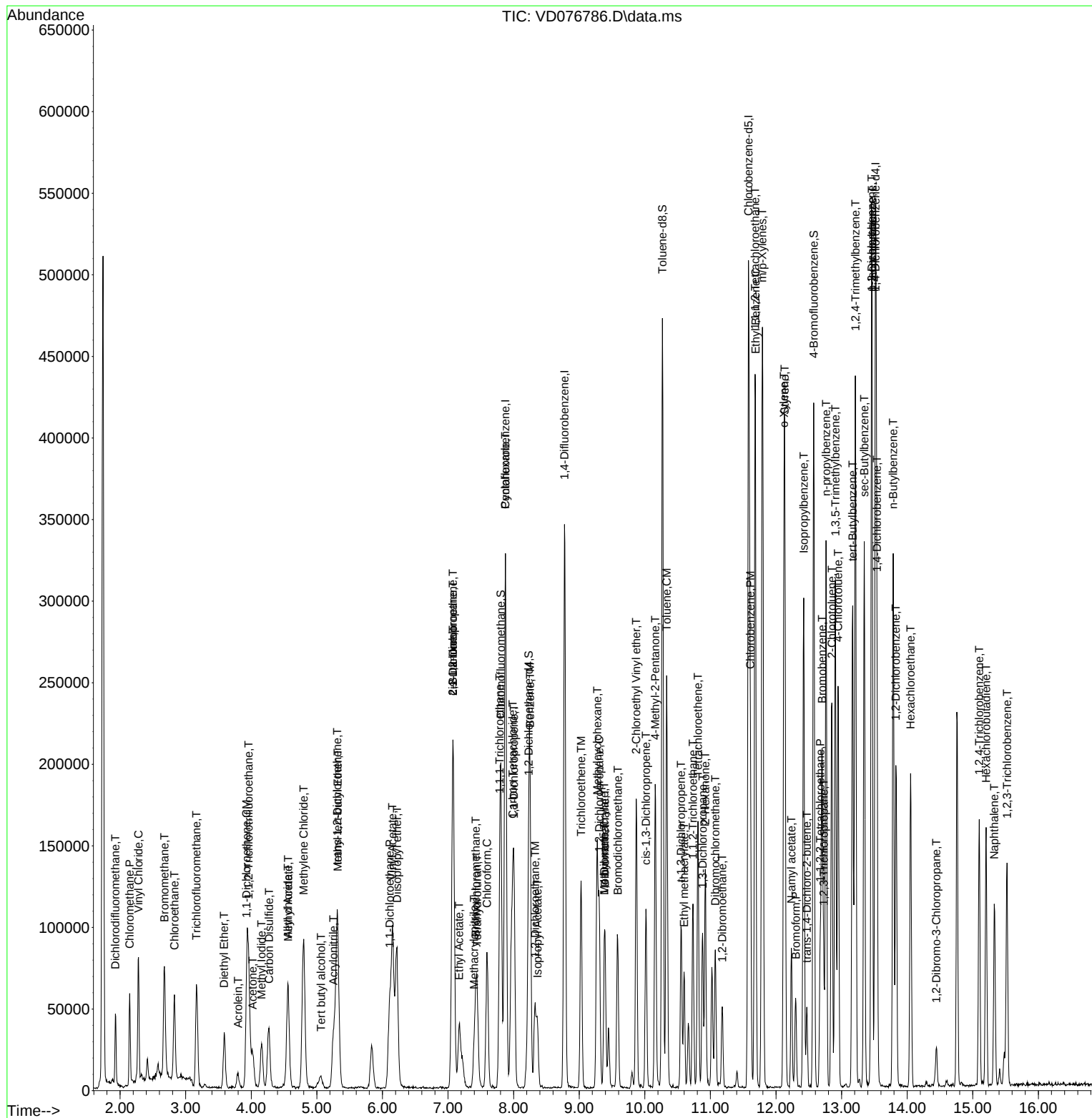
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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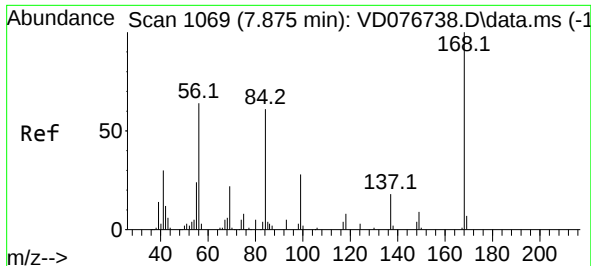
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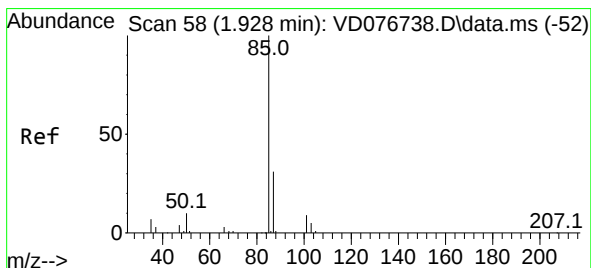
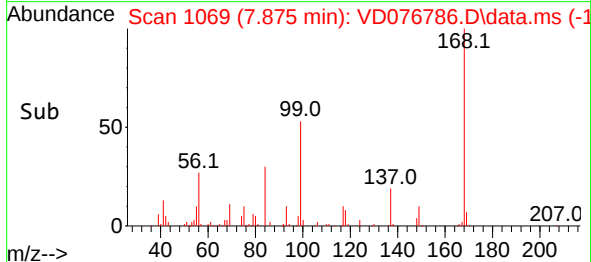
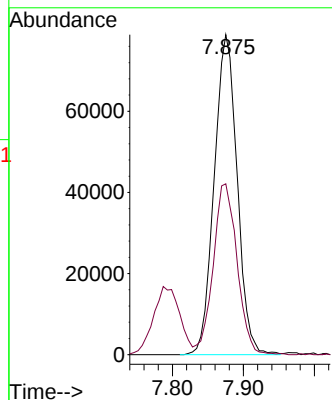
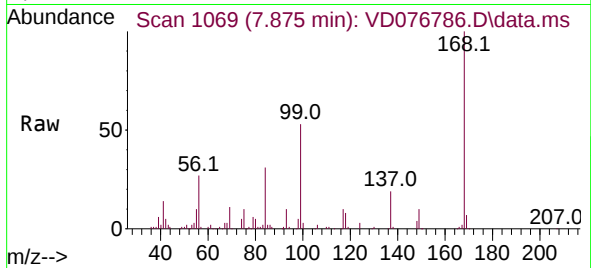




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076786.D
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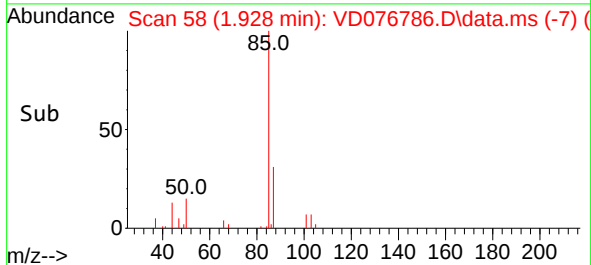
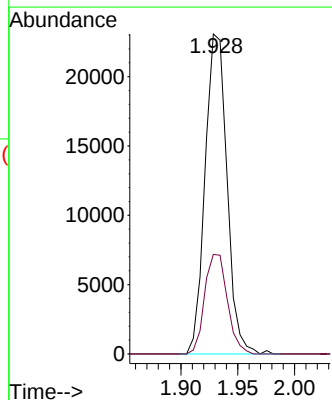
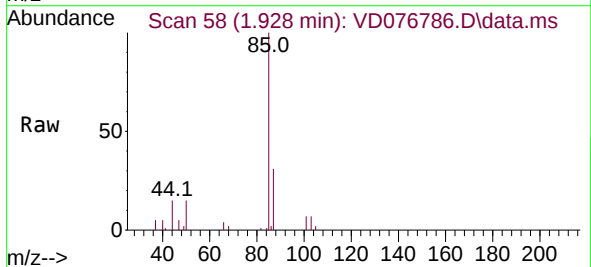
Instrument :
MSVOA_D
ClientSampleId :
VD0719SBS01

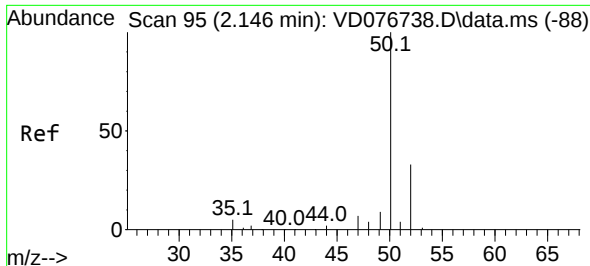
Tgt Ion:168 Resp: 176737
Ion Ratio Lower Upper
168 100
99 53.0 36.7 55.1



#2
Dichlorodifluoromethane
Concen: 22.438 ug/l
RT: 1.928 min Scan# 58
Delta R.T. 0.000 min
Lab File: VD076786.D
Acq: 19 Jul 2023 13:07

Tgt Ion: 85 Resp: 31011
Ion Ratio Lower Upper
85 100
87 31.1 15.7 47.0

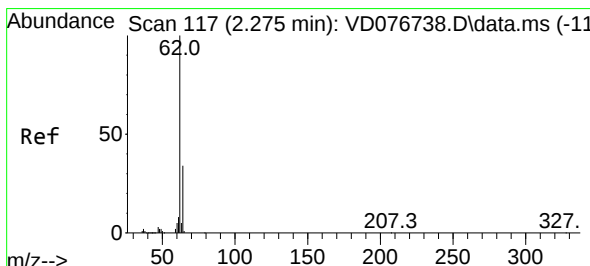
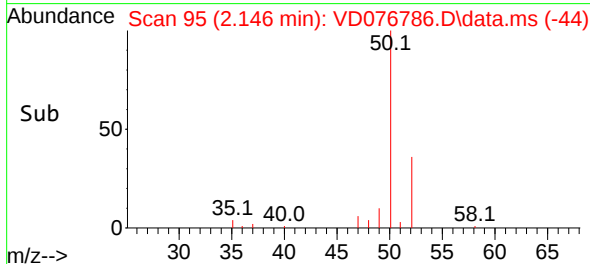
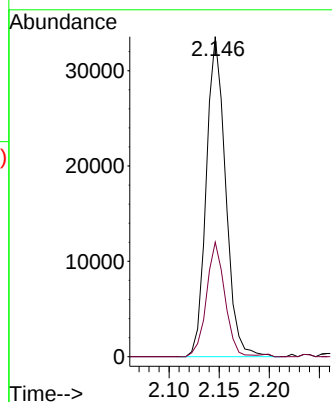
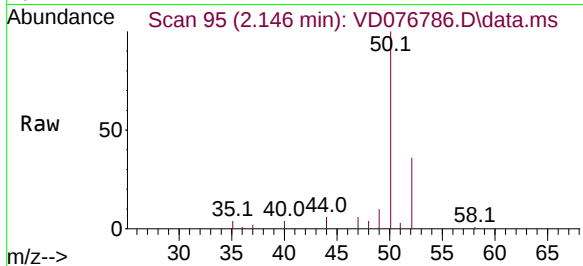




#3
Chloromethane
Concen: 18.926 ug/l
RT: 2.146 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD076786.D
Acq: 19 Jul 2023 13:07

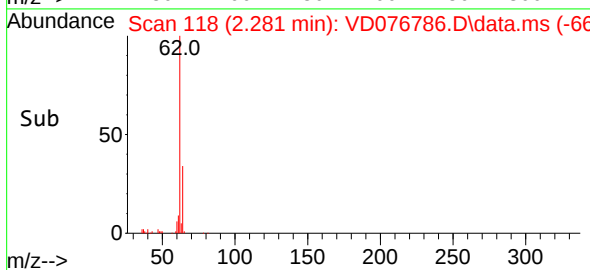
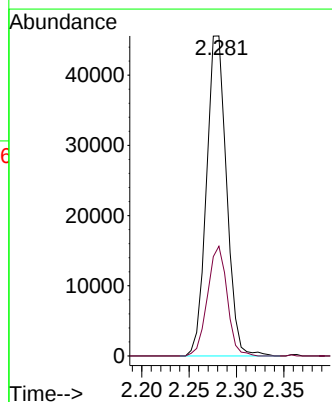
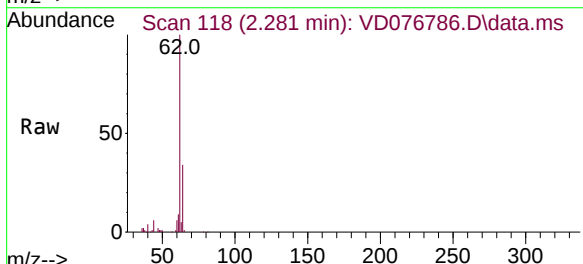
Instrument :
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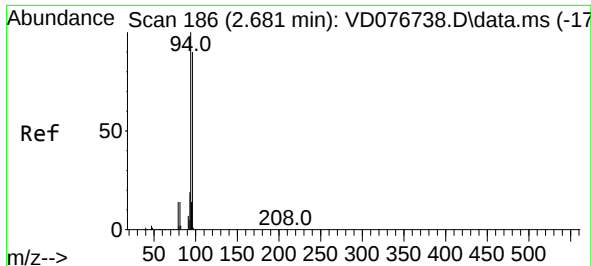
Tgt Ion: 50 Resp: 45122
Ion Ratio Lower Upper
50 100
52 35.8 26.6 40.0



#4
Vinyl Chloride
Concen: 21.104 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.006 min
Lab File: VD076786.D
Acq: 19 Jul 2023 13:07

Tgt Ion: 62 Resp: 67071
Ion Ratio Lower Upper
62 100
64 34.3 26.0 39.0

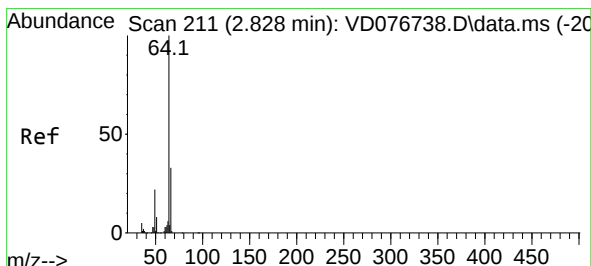
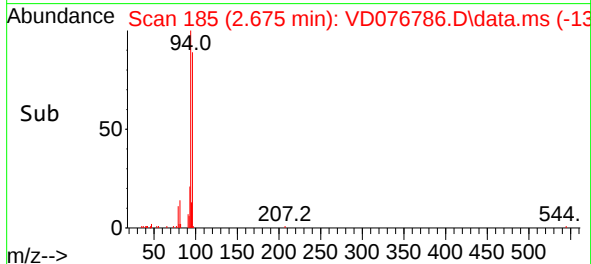
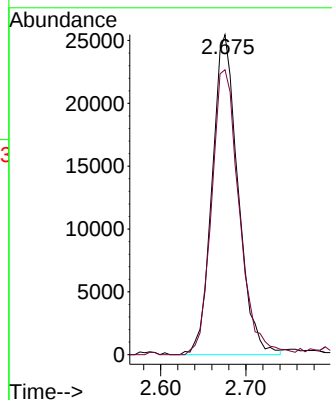
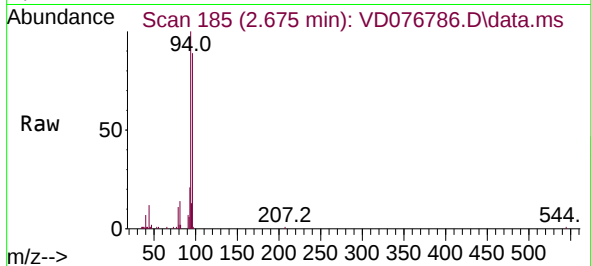




#5
Bromomethane
Concen: 20.546 ug/l
RT: 2.675 min Scan# 185
Delta R.T. -0.006 min
Lab File: VD076786.D
Acq: 19 Jul 2023 13:07

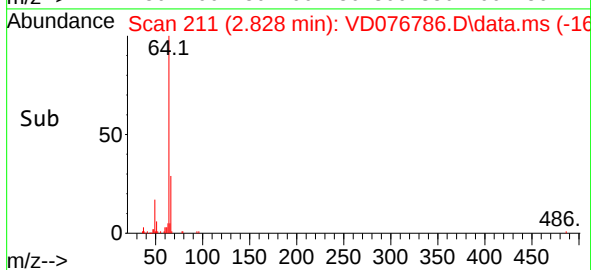
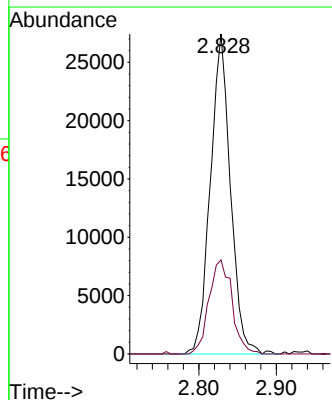
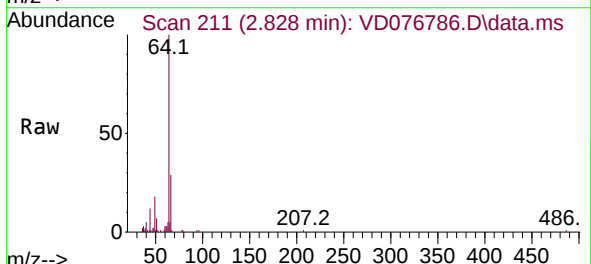
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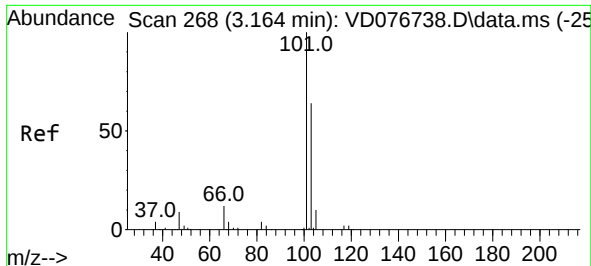
Tgt Ion: 94 Resp: 53724
Ion Ratio Lower Upper
94 100
96 94.9 75.8 113.8



#6
Chloroethane
Concen: 20.555 ug/l
RT: 2.828 min Scan# 211
Delta R.T. 0.000 min
Lab File: VD076786.D
Acq: 19 Jul 2023 13:07

Tgt Ion: 64 Resp: 49321
Ion Ratio Lower Upper
64 100
66 29.4 25.5 38.3

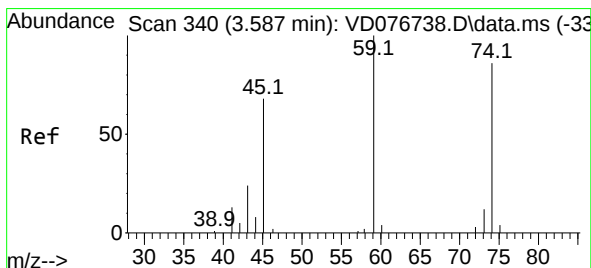
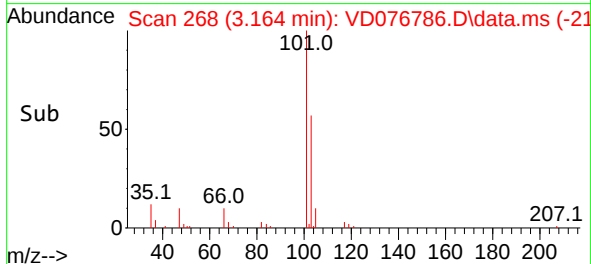
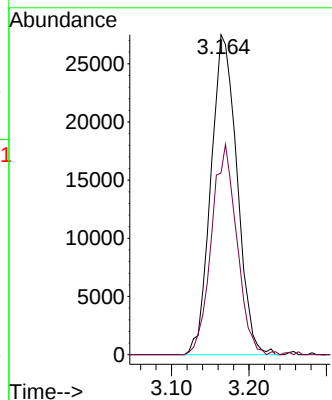
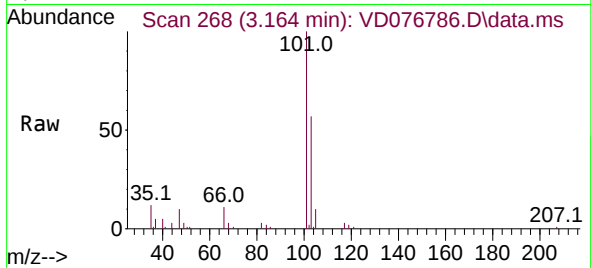




#7
 Trichlorofluoromethane
 Concen: 22.802 ug/l
 RT: 3.164 min Scan# 207
 Delta R.T. -0.000 min
 Lab File: VD076786.D
 Acq: 19 Jul 2023 13:07

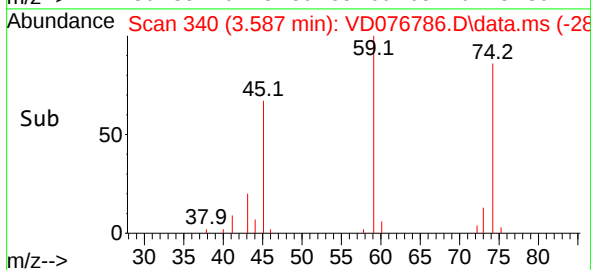
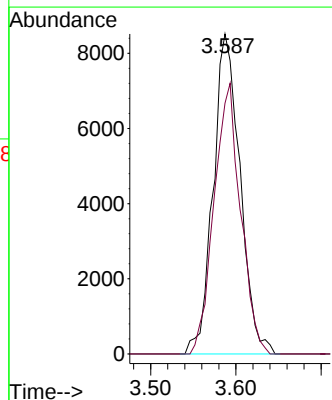
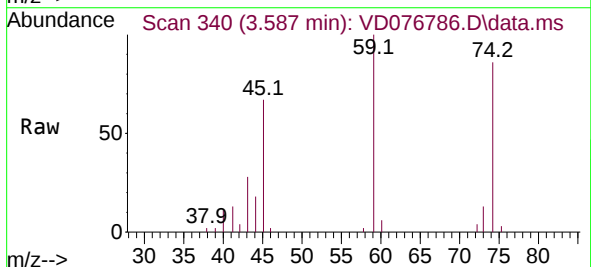
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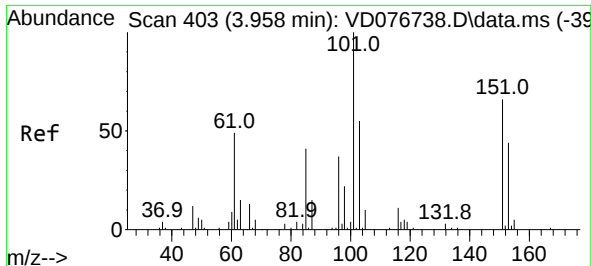
Tgt Ion:101 Resp: 64480
 Ion Ratio Lower Upper
 101 100
 103 56.7 52.3 78.5



#8
 Diethyl Ether
 Concen: 19.171 ug/l
 RT: 3.587 min Scan# 340
 Delta R.T. 0.000 min
 Lab File: VD076786.D
 Acq: 19 Jul 2023 13:07

Tgt Ion: 74 Resp: 18665
 Ion Ratio Lower Upper
 74 100
 45 83.4 37.5 112.7

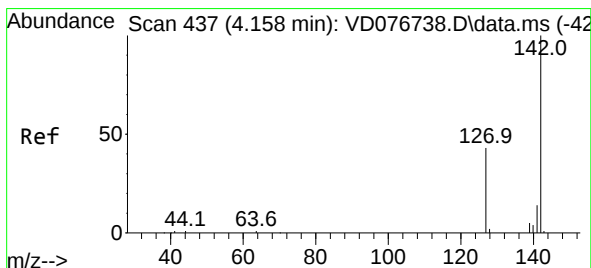
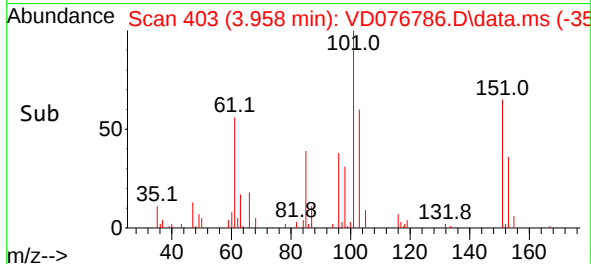
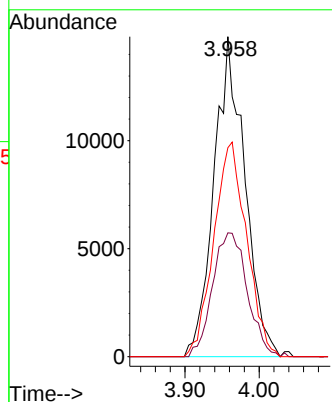
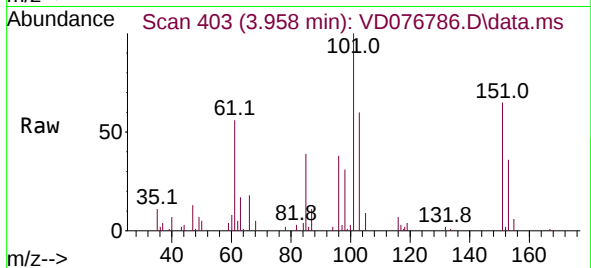




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.972 ug/l
RT: 3.958 min Scan# 403
Delta R.T. -0.000 min
Lab File: VD076786.D
Acq: 19 Jul 2023 13:07

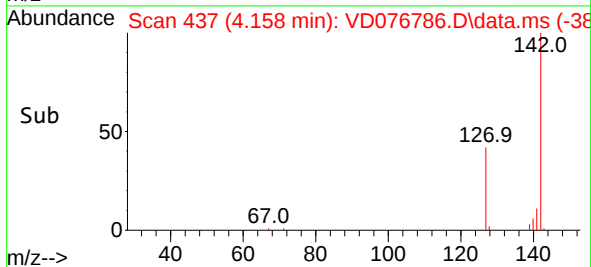
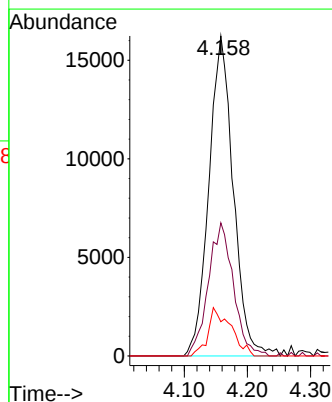
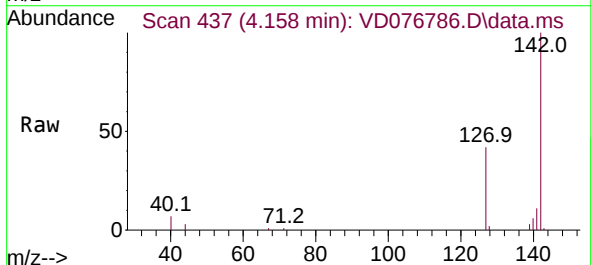
Instrument :
MSVOA_D
ClientSampleId :
VD0719SBS01

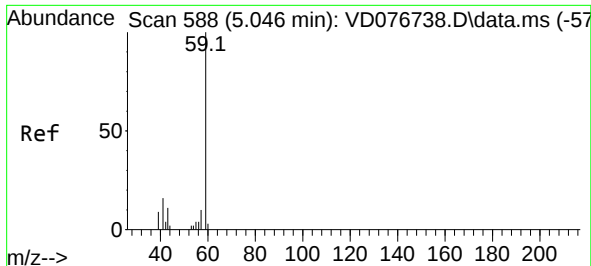
Tgt Ion:101	Resp:	42702
Ion	Ratio	Lower Upper
101	100	
85	43.7	33.8 50.6
151	71.6	59.8 89.6



#10
Methyl Iodide
Concen: 20.860 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.000 min
Lab File: VD076786.D
Acq: 19 Jul 2023 13:07

Tgt Ion:142	Resp:	43710
Ion	Ratio	Lower Upper
142	100	
127	42.6	29.4 44.0
141	14.1	11.1 16.7

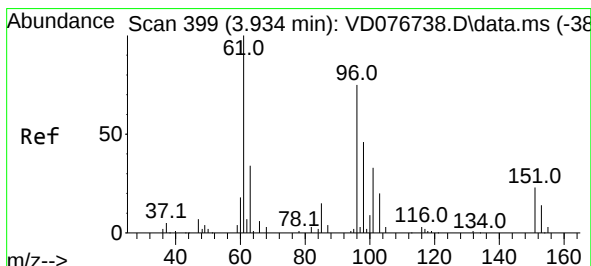
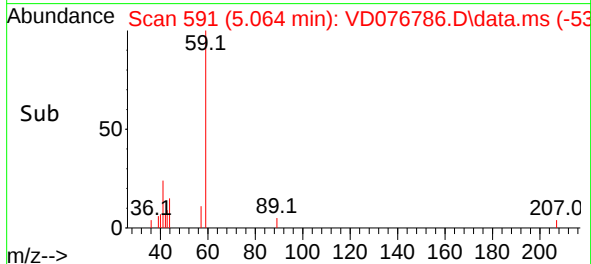
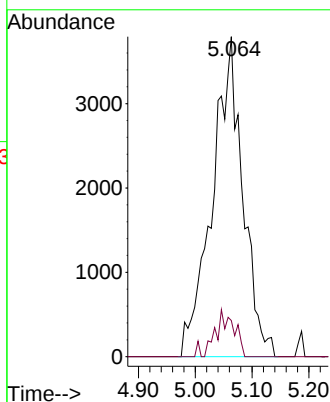
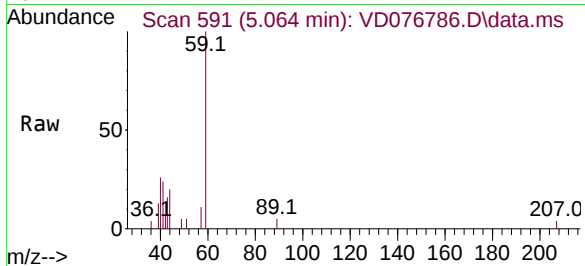




#11
Tert butyl alcohol
Concen: 107.993 ug/l
RT: 5.064 min Scan# 591
Delta R.T. 0.018 min
Lab File: VD076786.D
Acq: 19 Jul 2023 13:07

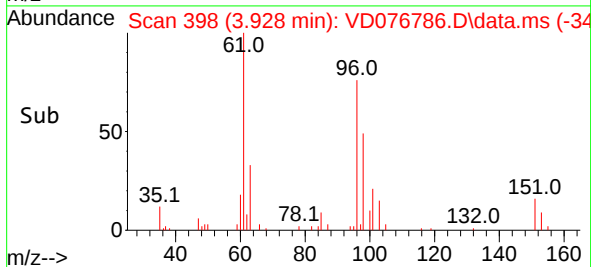
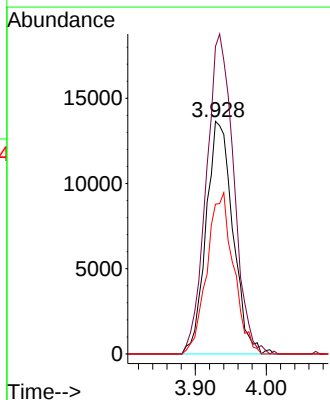
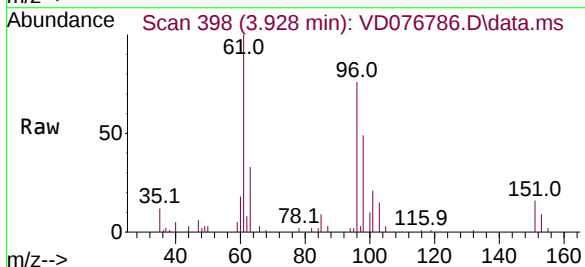
Instrument :
MSVOA_D
ClientSampleId :
VD0719SBS01

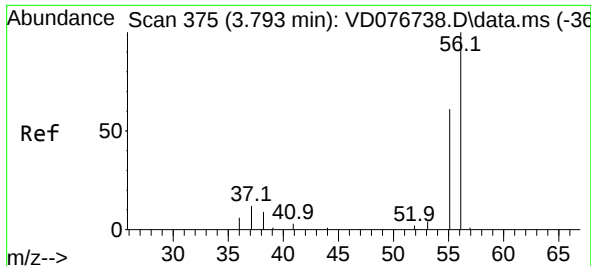
Tgt Ion: 59 Resp: 14186
Ion Ratio Lower Upper
59 100
57 8.7 7.8 11.8



#12
1,1-Dichloroethene
Concen: 20.520 ug/l
RT: 3.928 min Scan# 398
Delta R.T. -0.006 min
Lab File: VD076786.D
Acq: 19 Jul 2023 13:07

Tgt Ion: 96 Resp: 35837
Ion Ratio Lower Upper
96 100
61 132.2 100.6 150.8
98 64.3 50.2 75.2

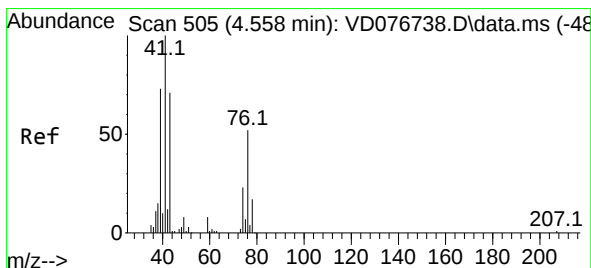
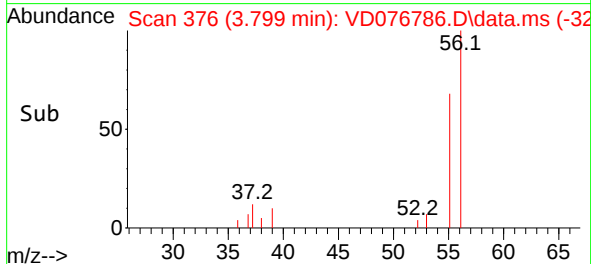
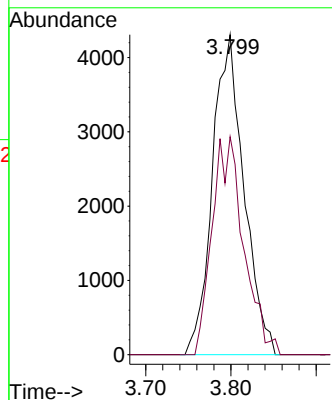
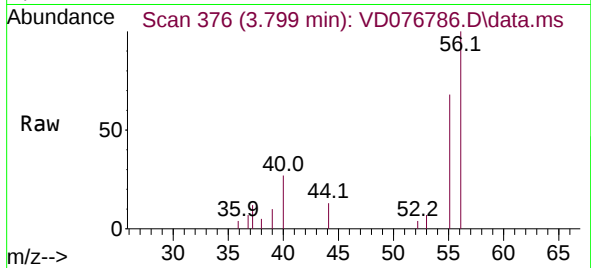




#13
Acrolein
Concen: 123.172 ug/l
RT: 3.799 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD076786.D
Acq: 19 Jul 2023 13:07

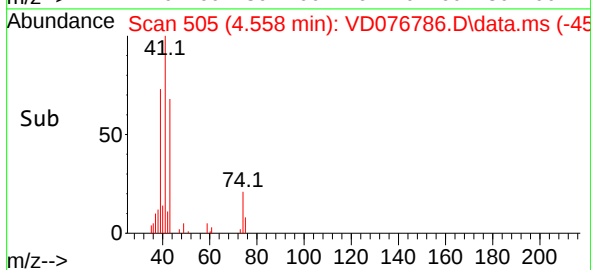
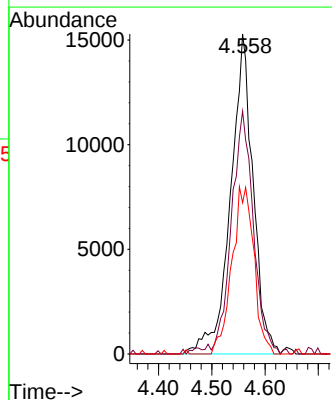
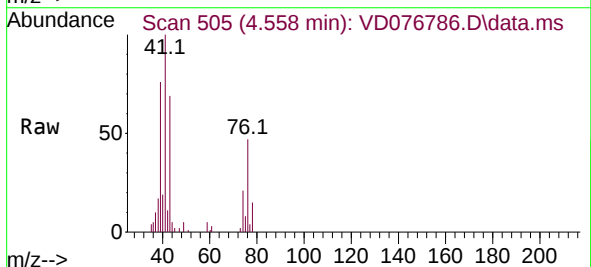
Instrument :
MSVOA_D
ClientSampleId :
VD0719SBSD01

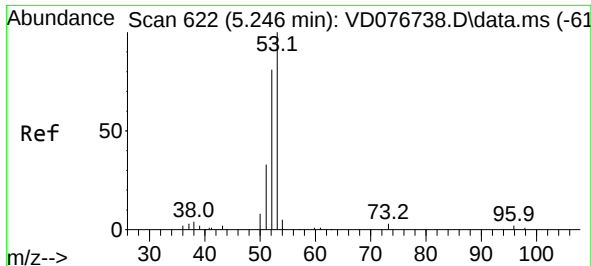
Tgt Ion: 56 Resp: 11026
Ion Ratio Lower Upper
56 100
55 68.4 55.1 82.7



#14
Allyl chloride
Concen: 19.571 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.000 min
Lab File: VD076786.D
Acq: 19 Jul 2023 13:07

Tgt Ion: 41 Resp: 44900
Ion Ratio Lower Upper
41 100
39 74.1 53.8 80.6
76 51.0 45.8 68.8





#15

Acrylonitrile

Concen: 101.117 ug/l

RT: 5.252 min Scan# 61

Delta R.T. 0.006 min

Lab File: VD076786.D

Acq: 19 Jul 2023 13:07

Instrument :

MSVOA_D

ClientSampleId :

VD0719SBS01

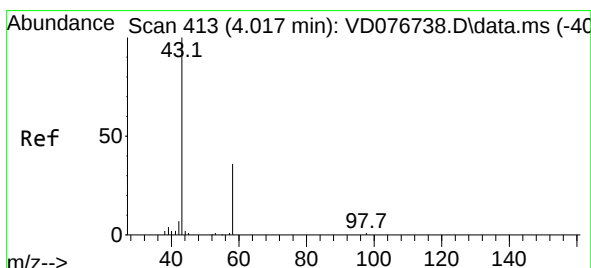
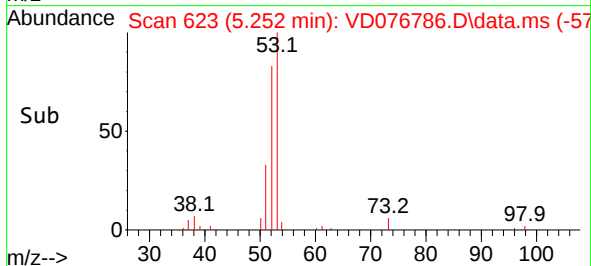
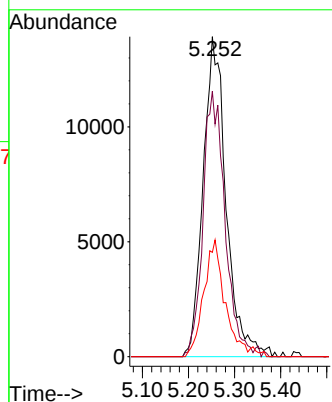
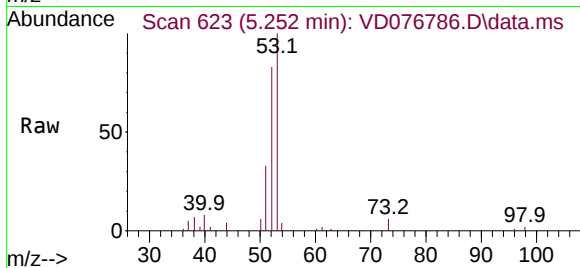
Tgt Ion: 53 Resp: 48354

Ion Ratio Lower Upper

53 100

52 79.0 65.0 97.4

51 33.3 28.3 42.5



#16

Acetone

Concen: 91.337 ug/l

RT: 4.022 min Scan# 414

Delta R.T. 0.005 min

Lab File: VD076786.D

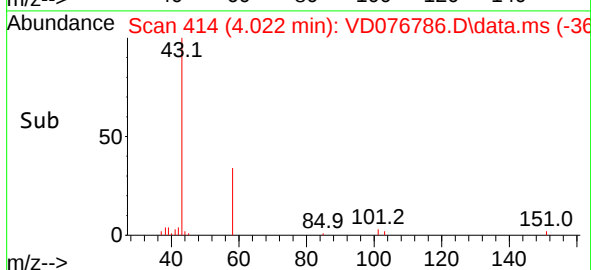
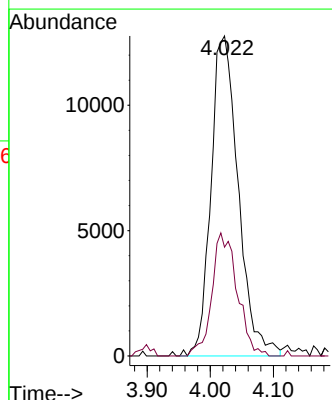
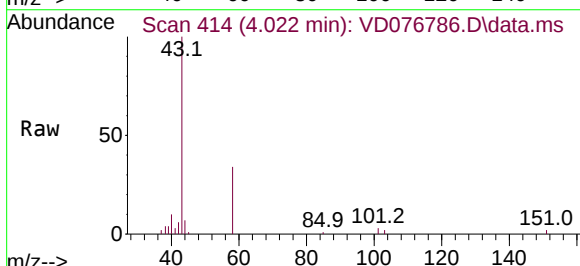
Acq: 19 Jul 2023 13:07

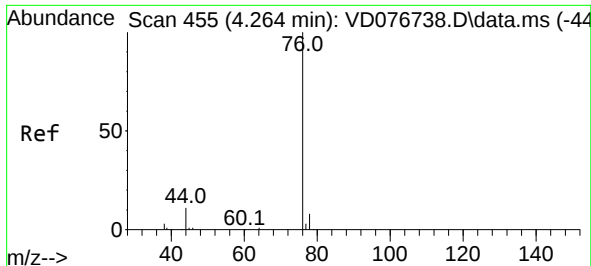
Tgt Ion: 43 Resp: 38399

Ion Ratio Lower Upper

43 100

58 34.0 34.7 52.1#

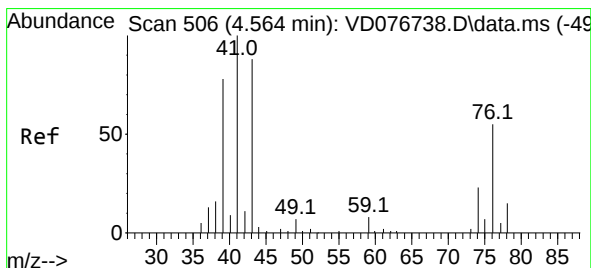
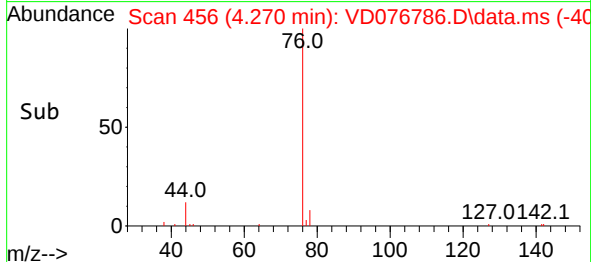
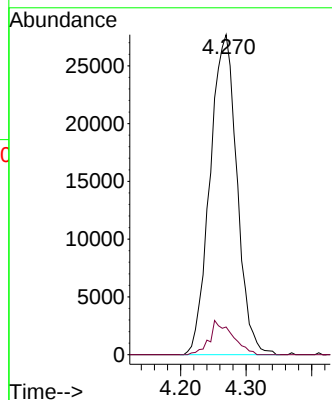
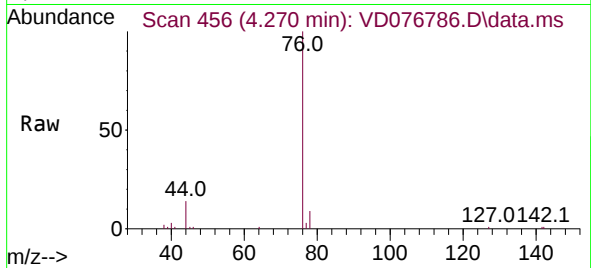




#17
Carbon Disulfide
Concen: 19.376 ug/l
RT: 4.270 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD076786.D
Acq: 19 Jul 2023 13:07

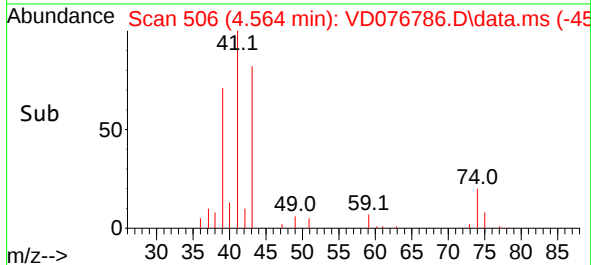
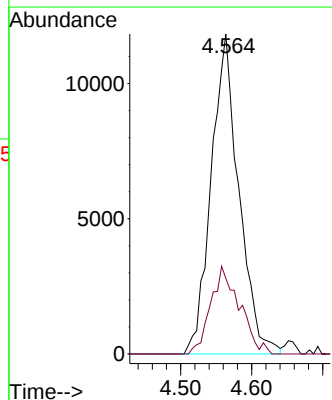
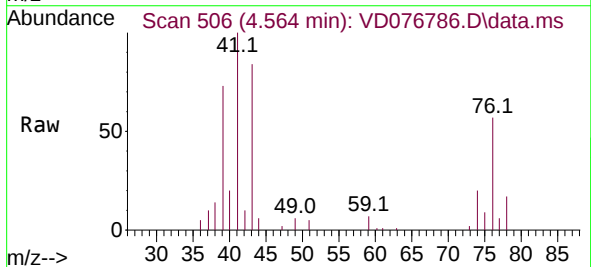
Instrument :
MSVOA_D
ClientSampleId :
VD0719SBS01

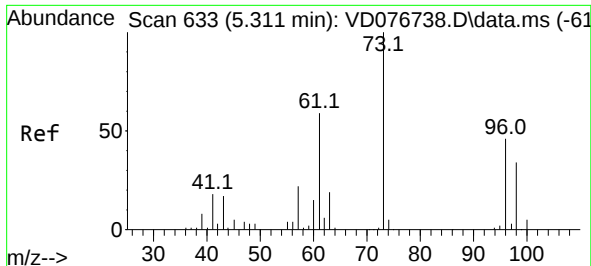
Tgt Ion: 76 Resp: 79035
Ion Ratio Lower Upper
76 100
78 8.7 6.8 10.2



#18
Methyl Acetate
Concen: 20.252 ug/l
RT: 4.564 min Scan# 506
Delta R.T. -0.000 min
Lab File: VD076786.D
Acq: 19 Jul 2023 13:07

Tgt Ion: 43 Resp: 31988
Ion Ratio Lower Upper
43 100
74 28.6 26.4 39.6

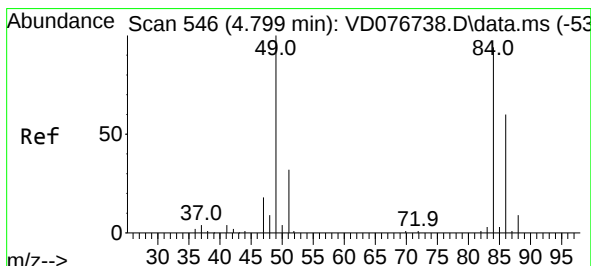
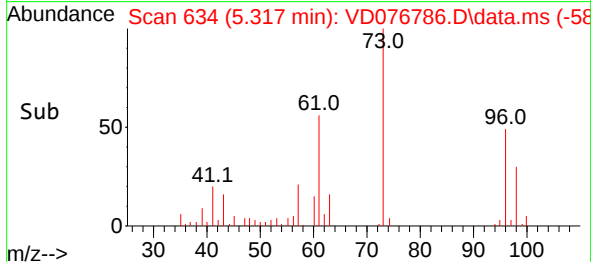
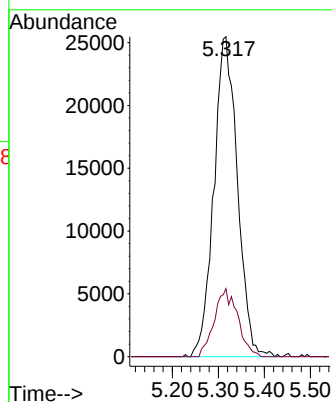
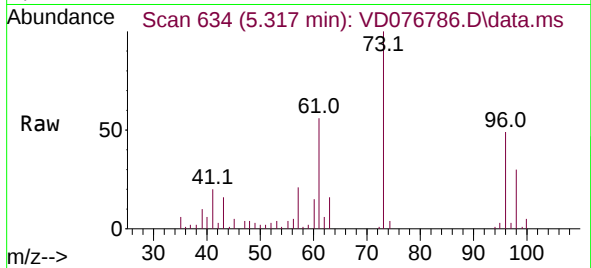




#19
Methyl tert-butyl Ether
Concen: 19.285 ug/l
RT: 5.317 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD076786.D
Acq: 19 Jul 2023 13:07

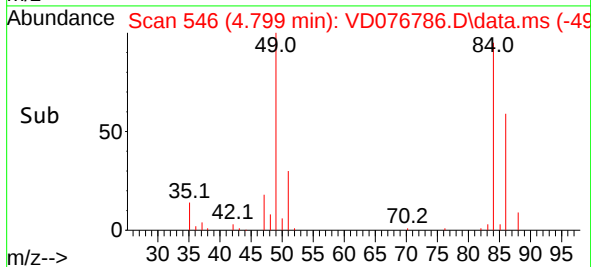
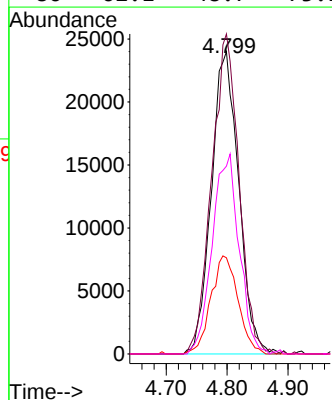
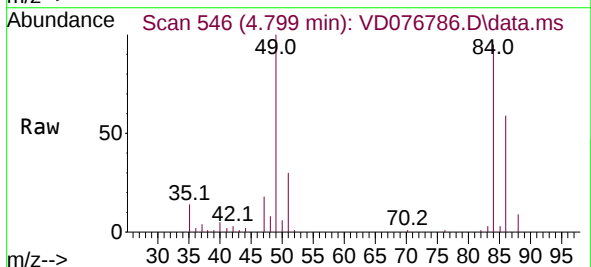
Instrument :
MSVOA_D
ClientSampleId :
VD0719SBSD01

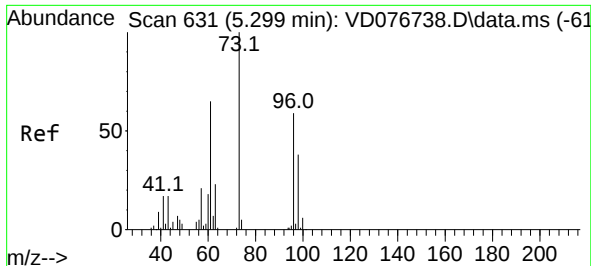
Tgt Ion: 73 Resp: 90321
Ion Ratio Lower Upper
73 100
57 21.2 16.6 25.0



#20
Methylene Chloride
Concen: 24.728 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD076786.D
Acq: 19 Jul 2023 13:07

Tgt Ion: 84 Resp: 74935
Ion Ratio Lower Upper
84 100
49 105.8 71.4 107.2
51 31.8 24.5 36.7
86 62.1 48.7 73.1

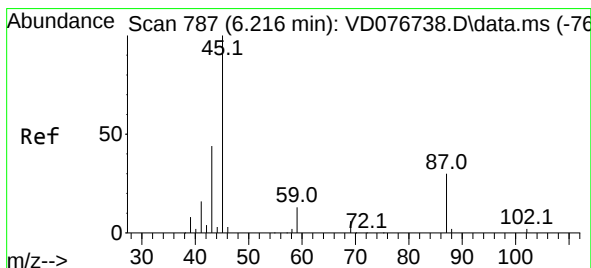
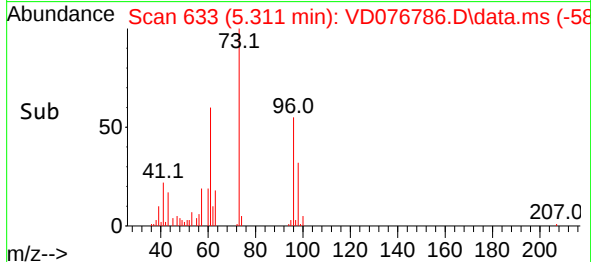
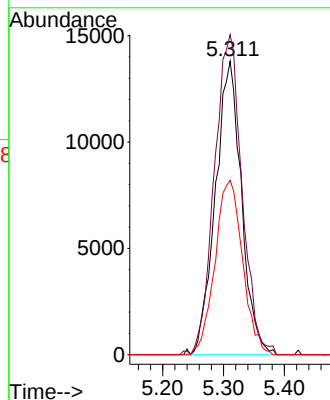
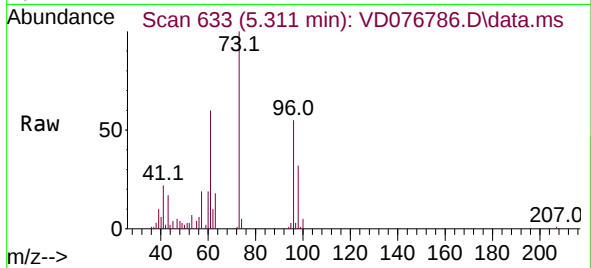




#21
trans-1,2-Dichloroethene
Concen: 20.244 ug/l
RT: 5.311 min Scan# 61
Delta R.T. 0.012 min
Lab File: VD076786.D
Acq: 19 Jul 2023 13:07

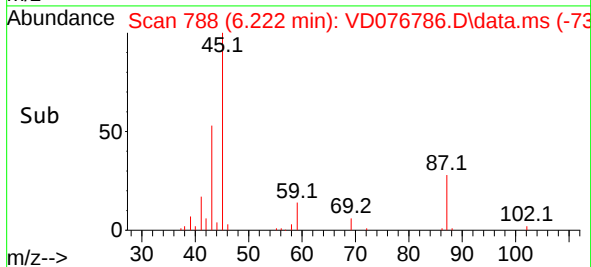
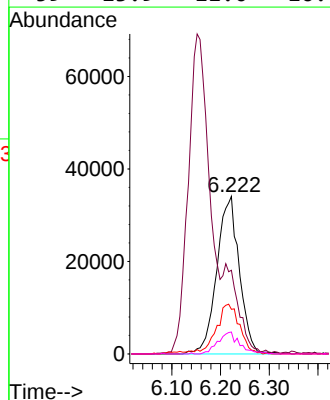
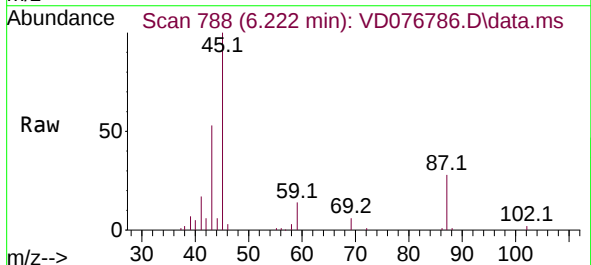
Instrument :
MSVOA_D
ClientSampleId :
VD0719SBS01

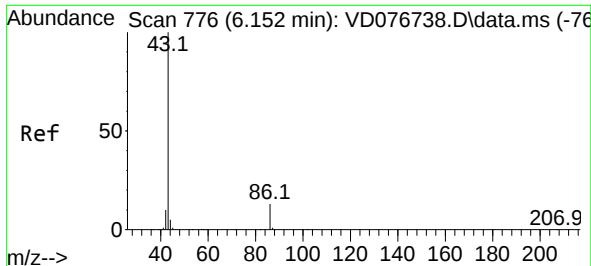
Tgt Ion: 96 Resp: 41097
Ion Ratio Lower Upper
96 100
61 109.0 89.3 133.9
98 59.4 48.6 73.0



#22
Diisopropyl ether
Concen: 20.187 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.006 min
Lab File: VD076786.D
Acq: 19 Jul 2023 13:07

Tgt Ion: 45 Resp: 109668
Ion Ratio Lower Upper
45 100
43 52.6 40.0 60.0
87 28.3 28.2 42.4
59 13.9 11.0 16.4

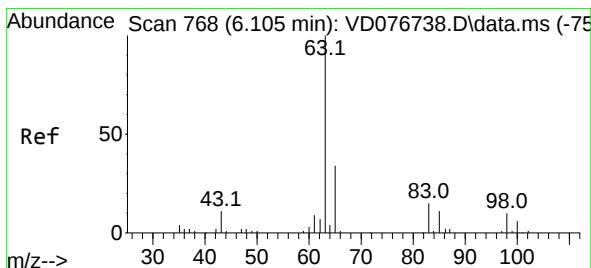
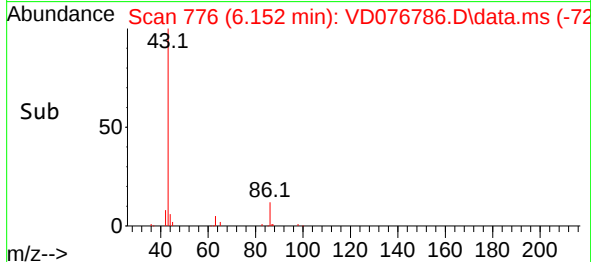
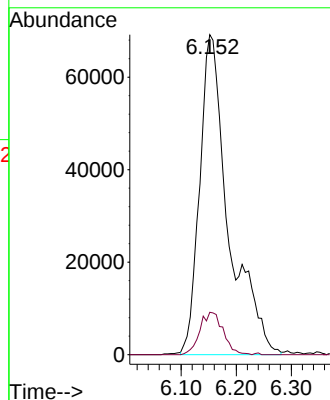
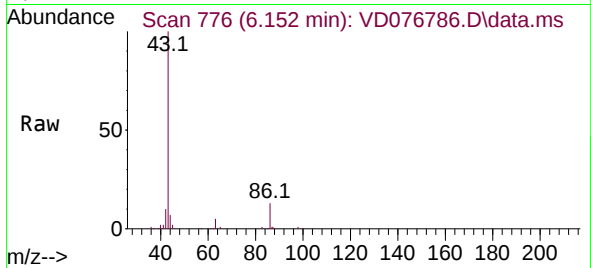




#23
 Vinyl Acetate
 Concen: 93.982 ug/l m
 RT: 6.152 min Scan# 776
 Delta R.T. -0.000 min
 Lab File: VD076786.D
 Acq: 19 Jul 2023 13:07

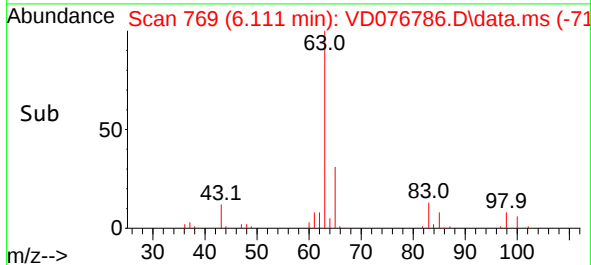
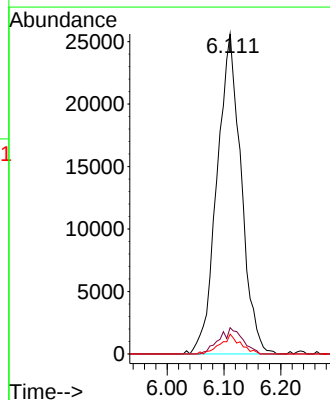
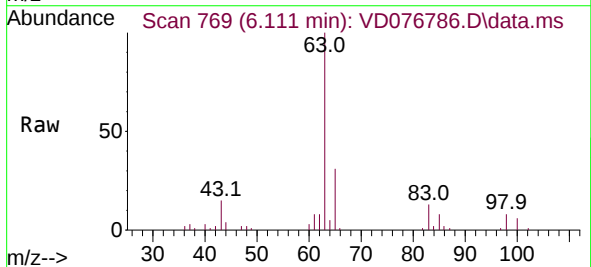
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0719SBS01

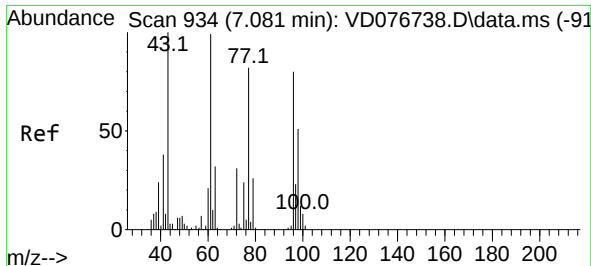
Tgt Ion: 43 Resp: 252623
 Ion Ratio Lower Upper
 43 100
 86 13.3 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 20.614 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. 0.006 min
 Lab File: VD076786.D
 Acq: 19 Jul 2023 13:07

Tgt Ion: 63 Resp: 75508
 Ion Ratio Lower Upper
 63 100
 98 8.2 4.5 13.7
 100 6.2 2.5 7.5

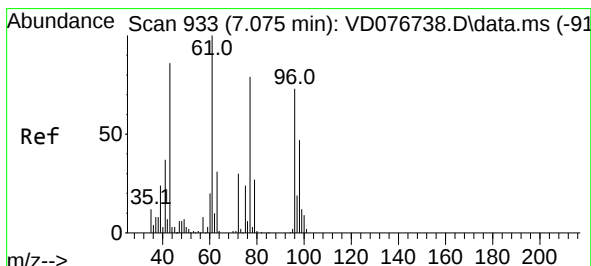
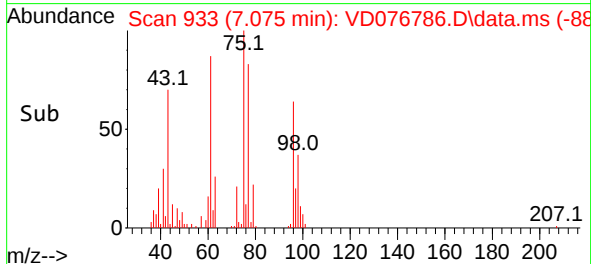
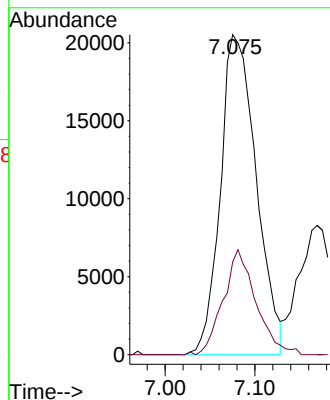
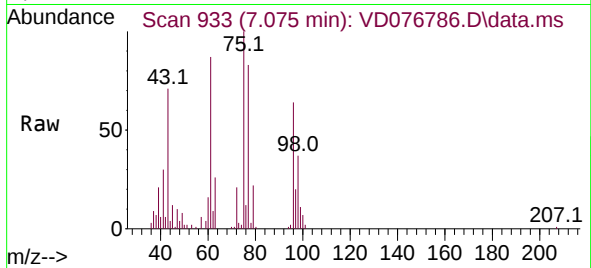




#25
2-Butanone
Concen: 101.108 ug/l
RT: 7.075 min Scan# 911
Delta R.T. -0.006 min
Lab File: VD076786.D
Acq: 19 Jul 2023 13:07

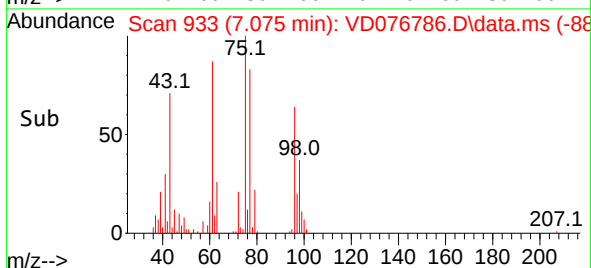
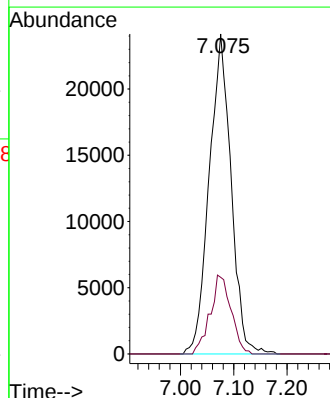
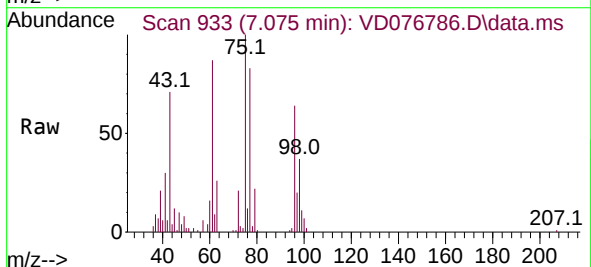
Instrument :
MSVOA_D
ClientSampleId :
VD0719SBSD01

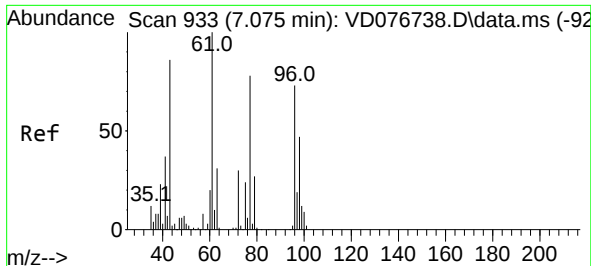
Tgt Ion: 43 Resp: 56889
Ion Ratio Lower Upper
43 100
72 29.0 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 21.736 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD076786.D
Acq: 19 Jul 2023 13:07

Tgt Ion: 77 Resp: 68631
Ion Ratio Lower Upper
77 100
97 23.6 13.2 39.6

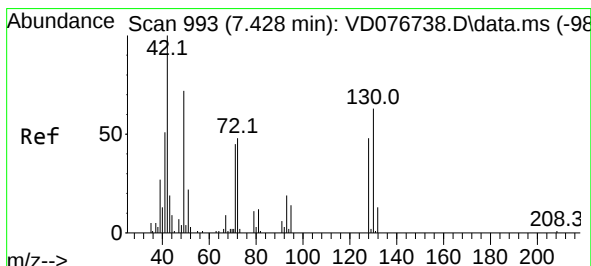
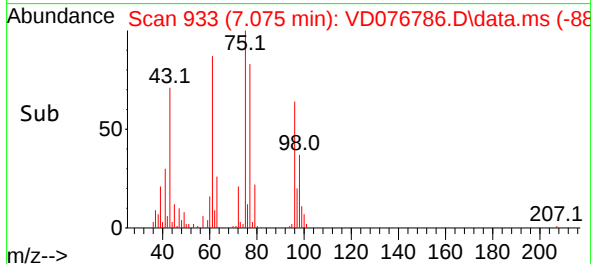
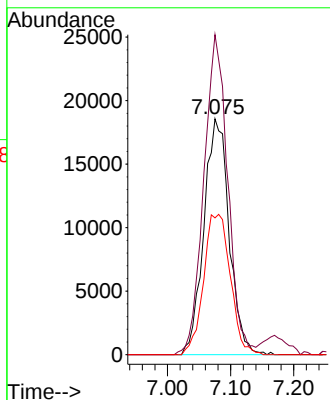
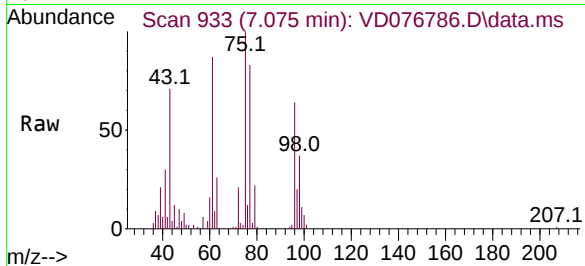




#27
 cis-1,2-Dichloroethene
 Concen: 20.616 ug/l
 RT: 7.075 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VD076786.D
 Acq: 19 Jul 2023 13:07

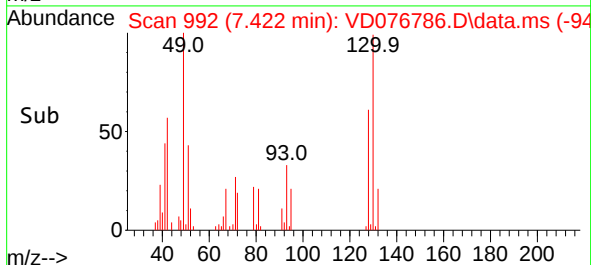
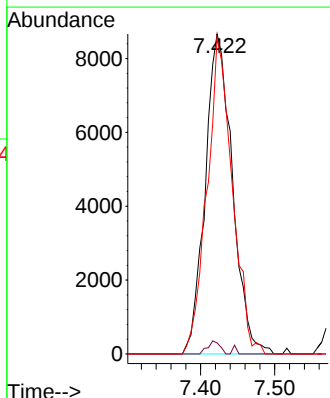
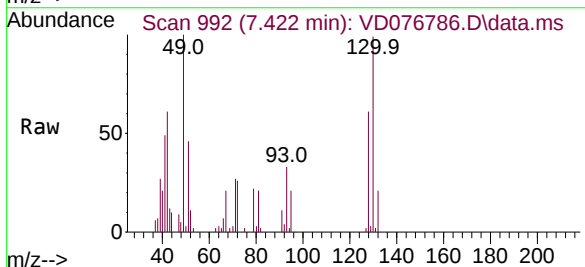
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0719SBSD01

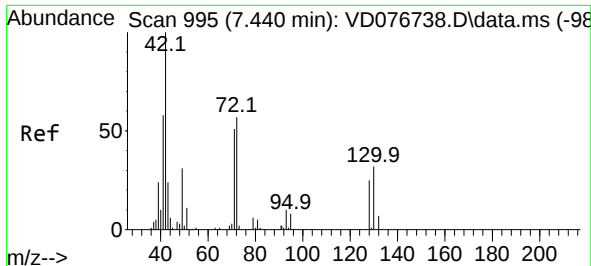
Tgt Ion: 96 Resp: 51594
 Ion Ratio Lower Upper
 96 100
 61 128.7 0.0 239.2
 98 62.9 0.0 128.6



#28
 Bromochloromethane
 Concen: 24.082 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. -0.006 min
 Lab File: VD076786.D
 Acq: 19 Jul 2023 13:07

Tgt Ion: 49 Resp: 22053
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 6.0
 130 92.1 83.2 124.8





#29

Tetrahydrofuran

Concen: 97.748 ug/l

RT: 7.446 min Scan# 995

Delta R.T. 0.006 min

Lab File: VD076786.D

Acq: 19 Jul 2023 13:07

Instrument :

MSVOA_D

ClientSampleId :

VD0719SBSD01

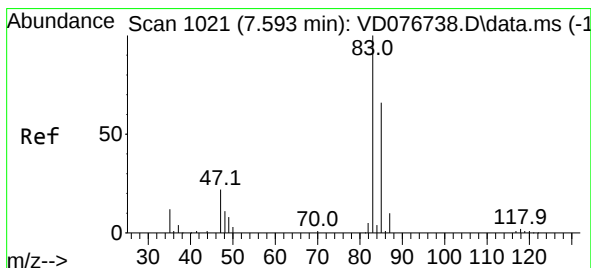
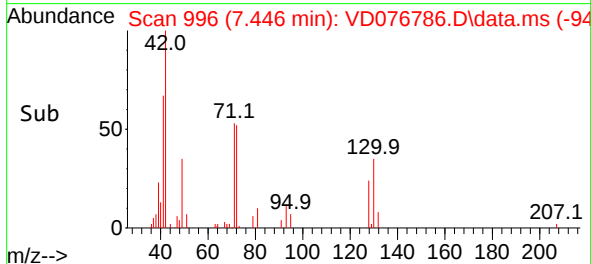
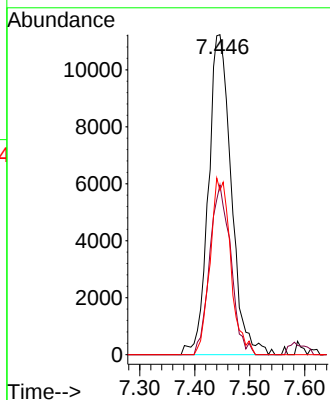
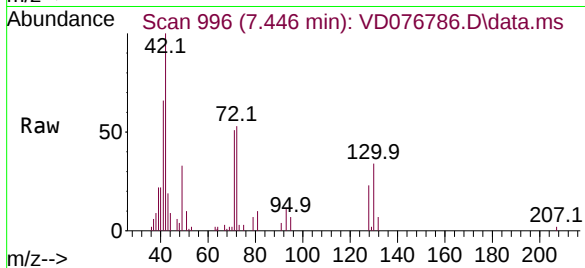
Tgt Ion: 42 Resp: 32495

Ion Ratio Lower Upper

42 100

72 48.9 46.5 69.7

71 49.5 44.5 66.7



#30

Chloroform

Concen: 20.002 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. -0.000 min

Lab File: VD076786.D

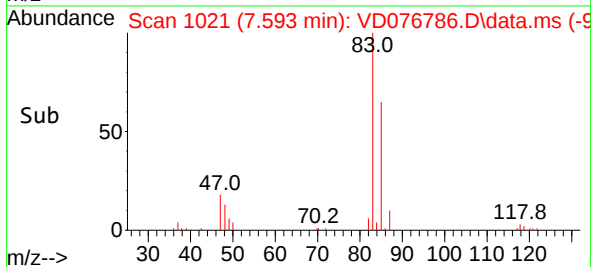
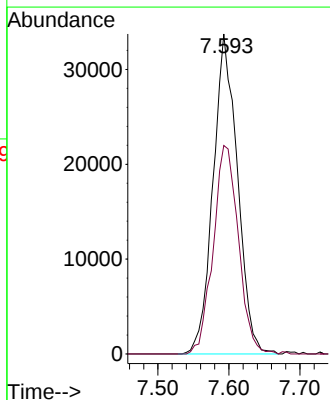
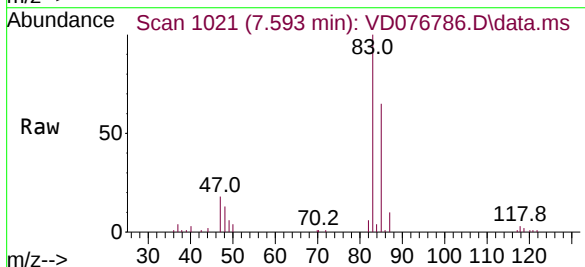
Acq: 19 Jul 2023 13:07

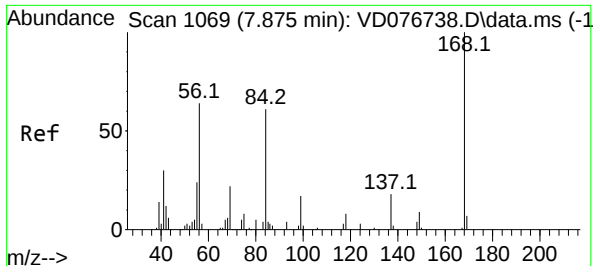
Tgt Ion: 83 Resp: 80245

Ion Ratio Lower Upper

83 100

85 65.1 53.4 80.2

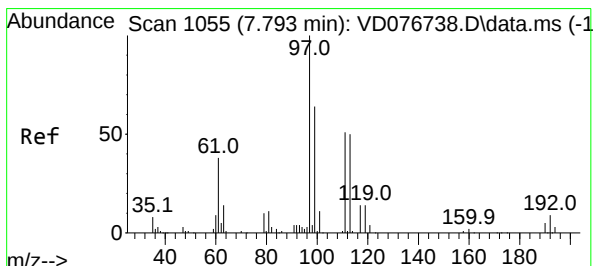
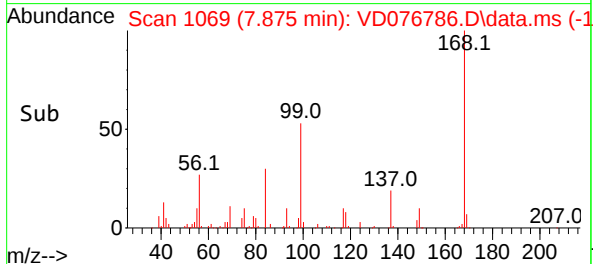
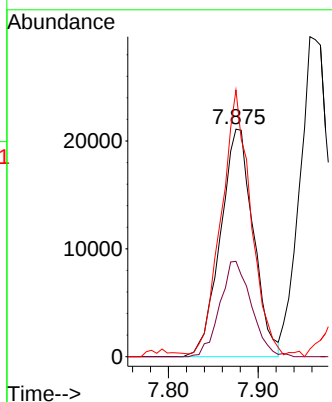
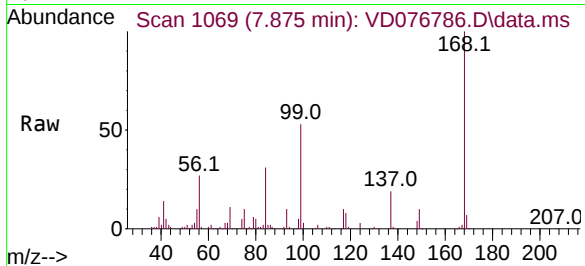




#31
Cyclohexane
Concen: 20.769 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076786.D
Acq: 19 Jul 2023 13:07

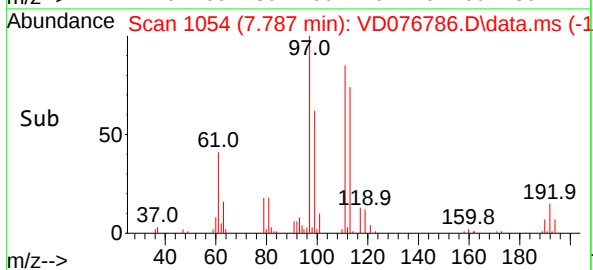
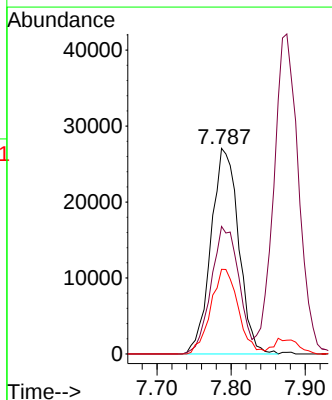
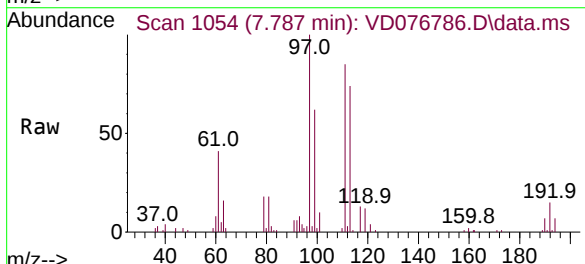
Instrument :
MSVOA_D
ClientSampleId :
VD0719SBSD01

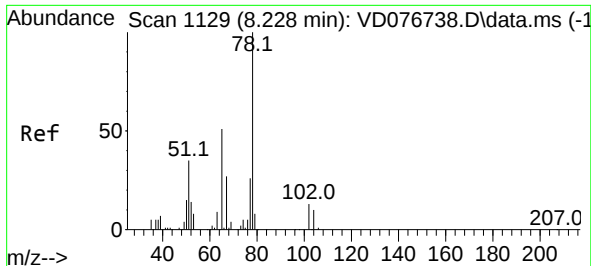
Tgt Ion: 56 Resp: 53805
Ion Ratio Lower Upper
56 100
69 41.9 28.6 43.0
84 115.5 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 21.642 ug/l
RT: 7.787 min Scan# 1054
Delta R.T. -0.006 min
Lab File: VD076786.D
Acq: 19 Jul 2023 13:07

Tgt Ion: 97 Resp: 70051
Ion Ratio Lower Upper
97 100
99 62.2 52.0 78.0
61 41.1 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 46.556 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD076786.D

Acq: 19 Jul 2023 13:07

Instrument :

MSVOA_D

ClientSampleId :

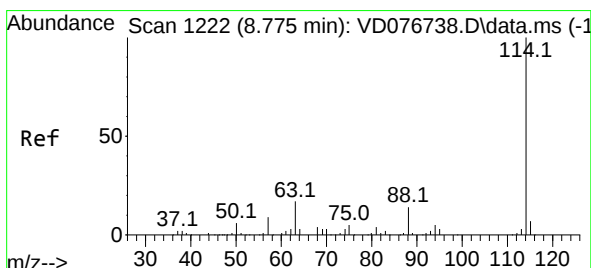
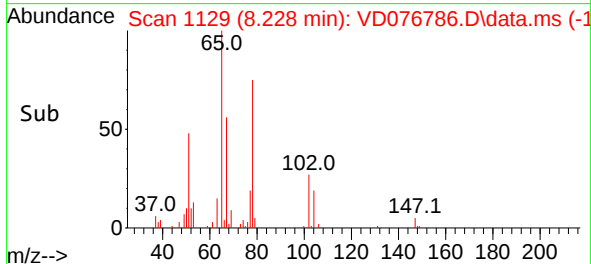
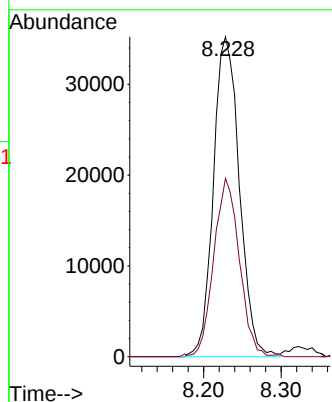
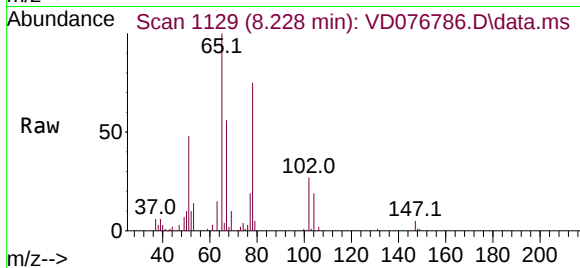
VD0719SBS01

Tgt Ion: 65 Resp: 81955

Ion Ratio Lower Upper

65 100

67 55.0 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD076786.D

Acq: 19 Jul 2023 13:07

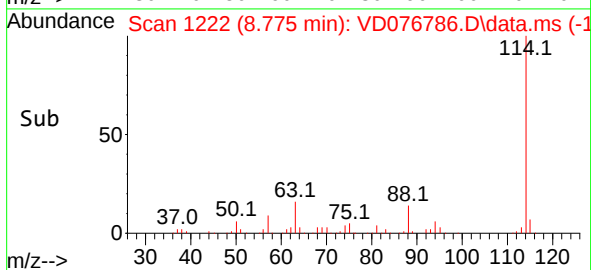
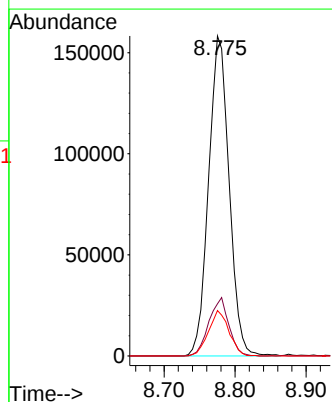
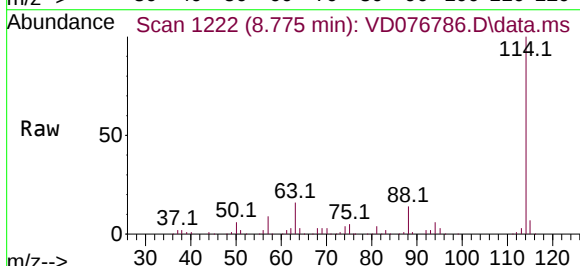
Tgt Ion: 114 Resp: 318314

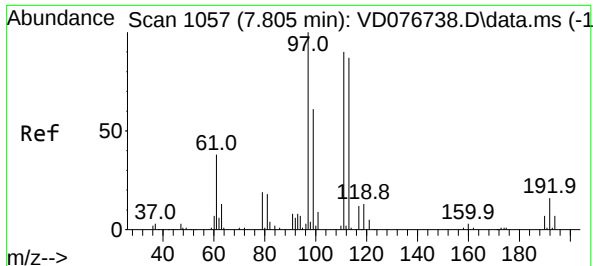
Ion Ratio Lower Upper

114 100

63 16.3 0.0 33.4

88 14.2 0.0 26.2





#35

Dibromofluoromethane

Concen: 48.801 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD076786.D

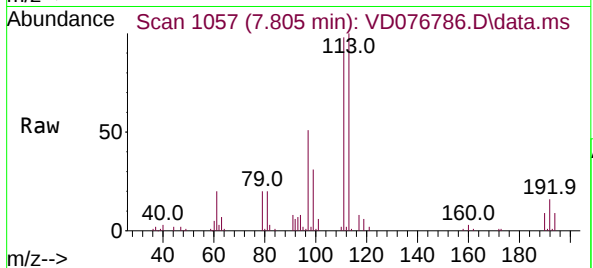
Acq: 19 Jul 2023 13:07

Instrument :

MSVOA_D

ClientSampleId :

VD0719SBSD01



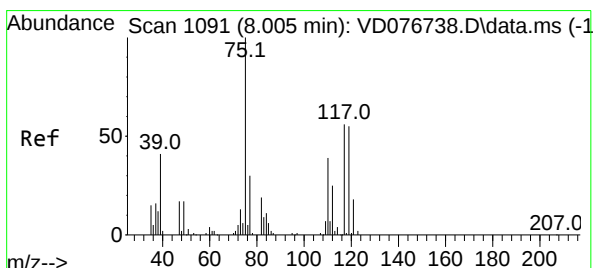
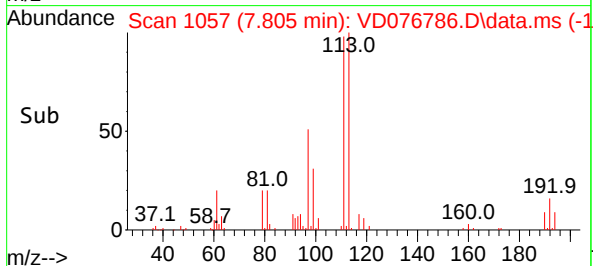
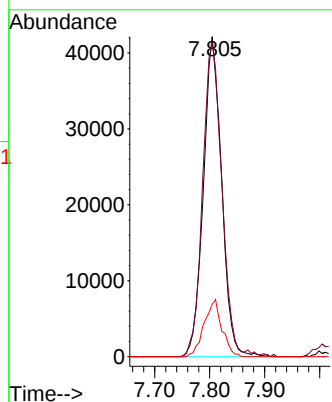
Tgt Ion:113 Resp: 97617

Ion Ratio Lower Upper

113 100

111 102.5 84.7 127.1

192 17.3 16.8 25.2



#36

1,1-Dichloropropene

Concen: 21.369 ug/l

RT: 8.005 min Scan# 1091

Delta R.T. -0.000 min

Lab File: VD076786.D

Acq: 19 Jul 2023 13:07

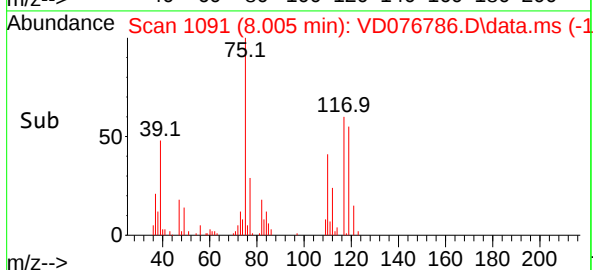
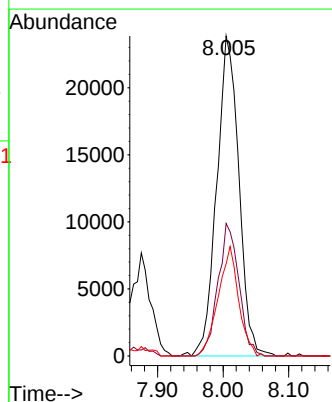
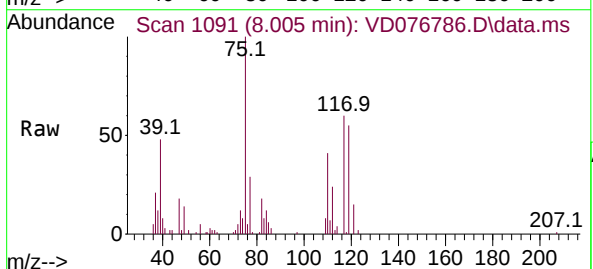
Tgt Ion: 75 Resp: 55856

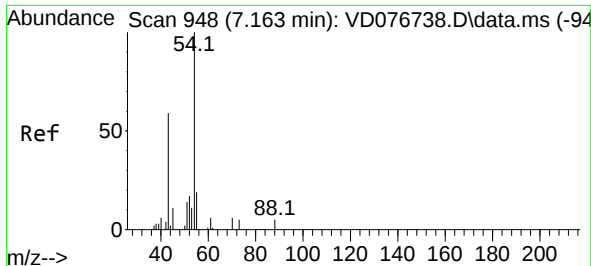
Ion Ratio Lower Upper

75 100

110 39.1 19.9 59.6

77 31.6 24.7 37.1





#37

Ethyl Acetate

Concen: 21.316 ug/l

RT: 7.169 min Scan# 948

Delta R.T. 0.006 min

Lab File: VD076786.D

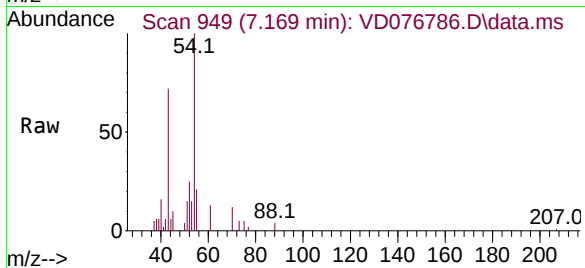
Acq: 19 Jul 2023 13:07

Instrument :

MSVOA_D

ClientSampleId :

VD0719SBS01



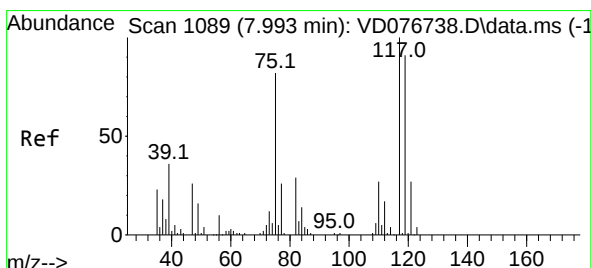
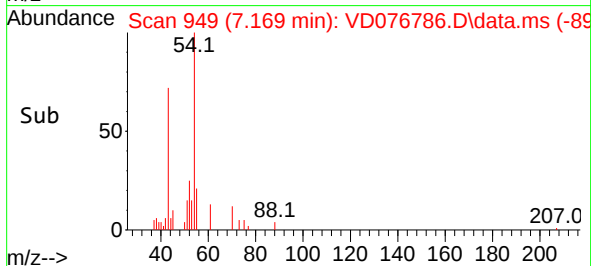
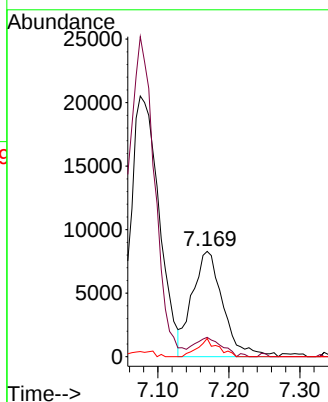
Tgt Ion: 43 Resp: 24917

Ion Ratio Lower Upper

43 100

61 16.4 14.9 22.3

70 11.2 10.0 15.0



#38

Carbon Tetrachloride

Concen: 21.872 ug/l

RT: 7.987 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VD076786.D

Acq: 19 Jul 2023 13:07

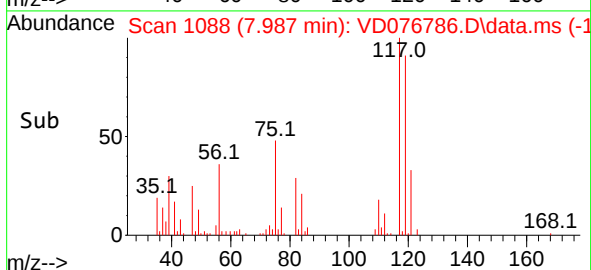
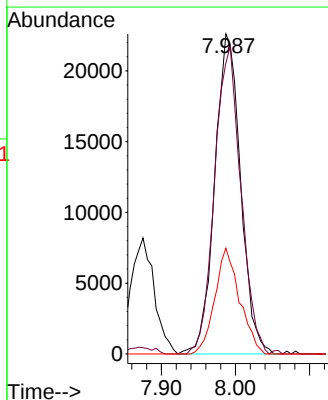
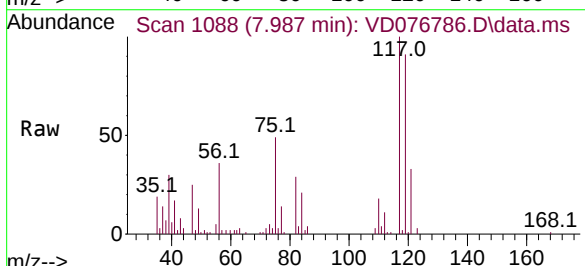
Tgt Ion: 117 Resp: 54741

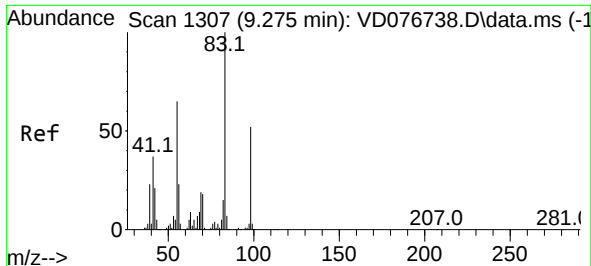
Ion Ratio Lower Upper

117 100

119 91.0 78.0 117.0

121 33.0 24.2 36.2





#39

Methylcyclohexane

Concen: 20.984 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD076786.D

Acq: 19 Jul 2023 13:07

Instrument :

MSVOA_D

ClientSampleId :

VD0719SBSD01

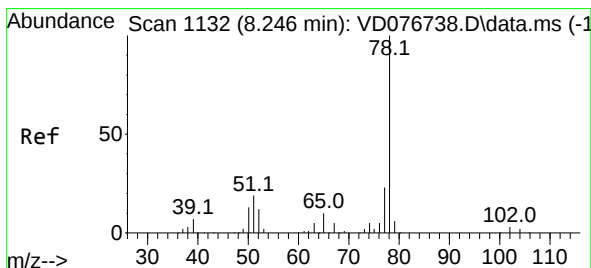
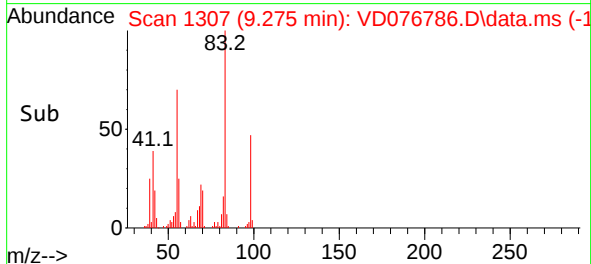
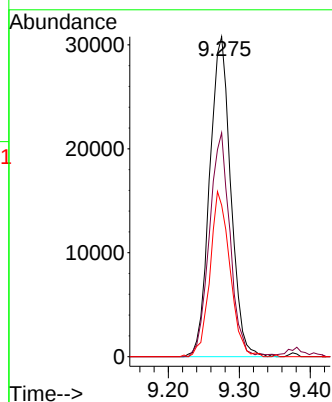
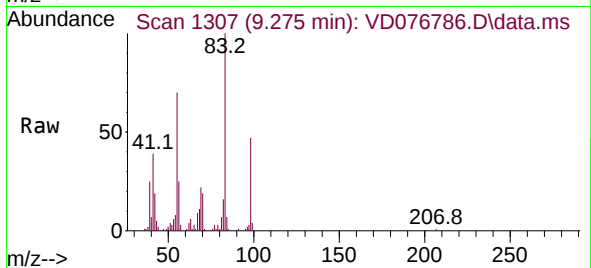
Tgt Ion: 83 Resp: 63331

Ion Ratio Lower Upper

83 100

55 69.9 49.4 74.0

98 47.3 38.4 57.6



#40

Benzene

Concen: 20.973 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.006 min

Lab File: VD076786.D

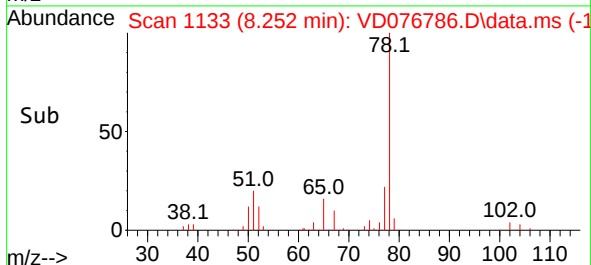
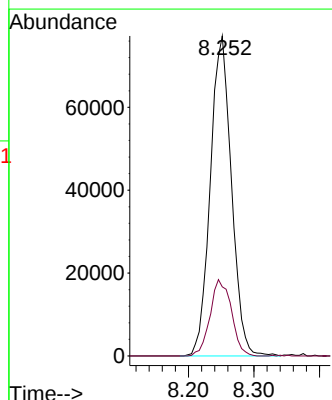
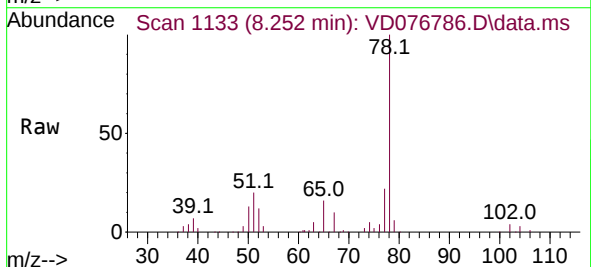
Acq: 19 Jul 2023 13:07

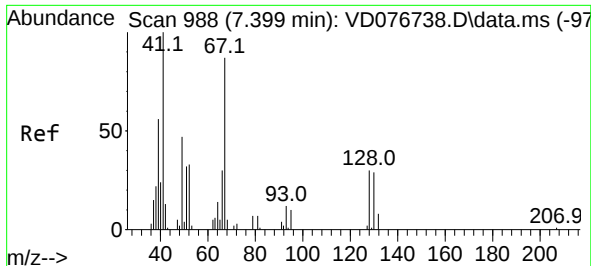
Tgt Ion: 78 Resp: 172974

Ion Ratio Lower Upper

78 100

77 21.6 19.4 29.0

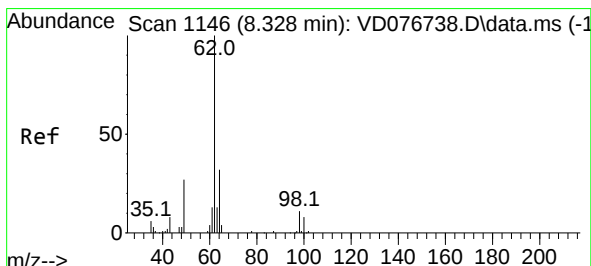
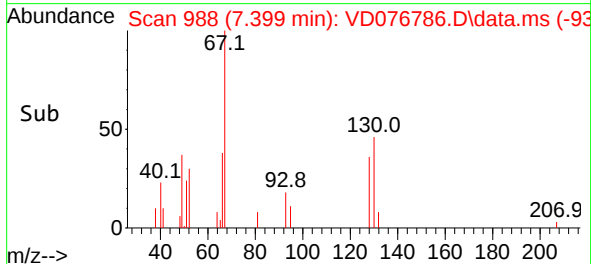
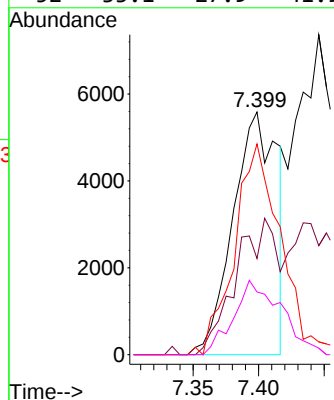
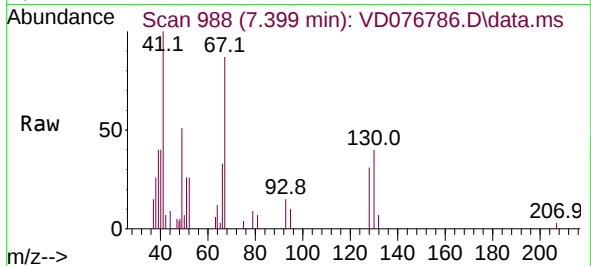




#41
Methacrylonitrile
Concen: 18.315 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076786.D
Acq: 19 Jul 2023 13:07

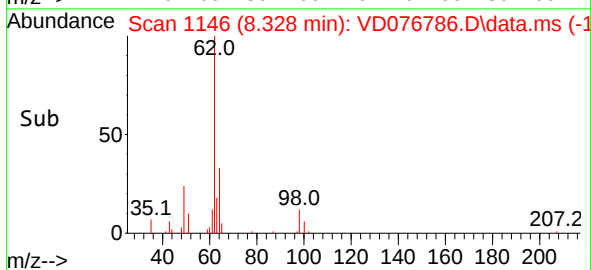
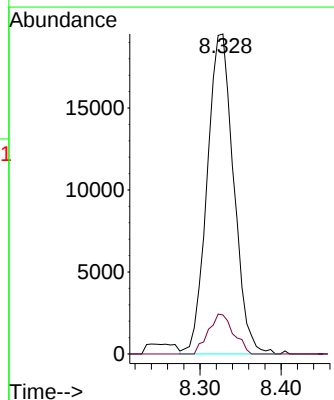
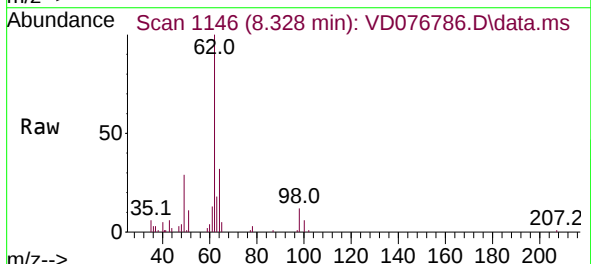
Instrument :
MSVOA_D
ClientSampleId :
VD0719SBSD01

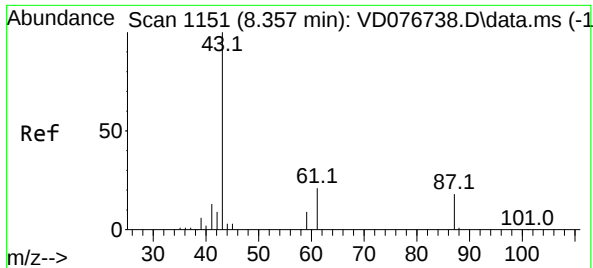
Tgt Ion: 41 Resp: 13074
Ion Ratio Lower Upper
41 100
39 31.8 34.0 51.0#
67 91.0 77.0 115.4
52 33.1 27.9 41.9



#42
1,2-Dichloroethane
Concen: 20.656 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD076786.D
Acq: 19 Jul 2023 13:07

Tgt Ion: 62 Resp: 44264
Ion Ratio Lower Upper
62 100
98 11.8 0.0 25.4

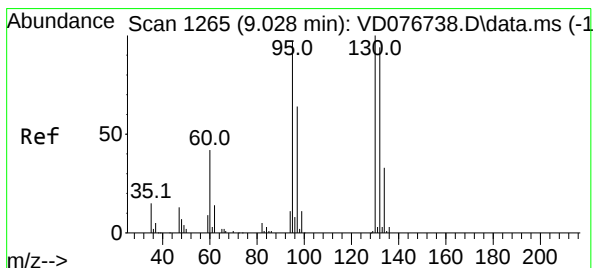
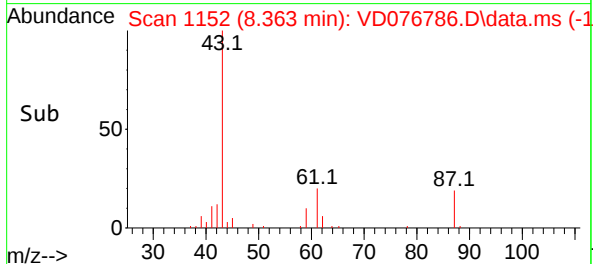
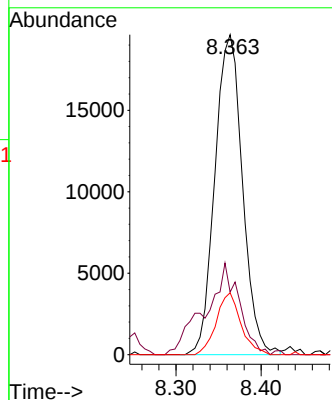
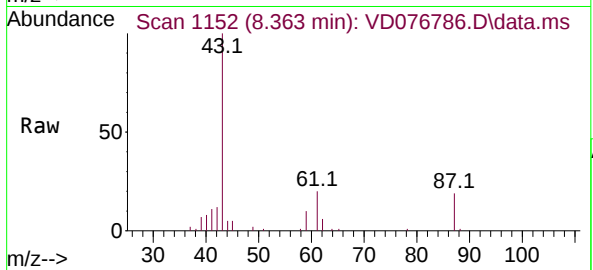




#43
Isopropyl Acetate
Concen: 19.372 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.006 min
Lab File: VD076786.D
Acq: 19 Jul 2023 13:07

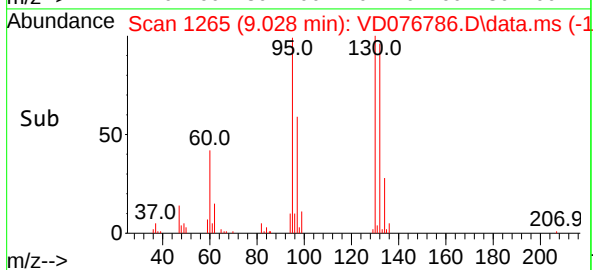
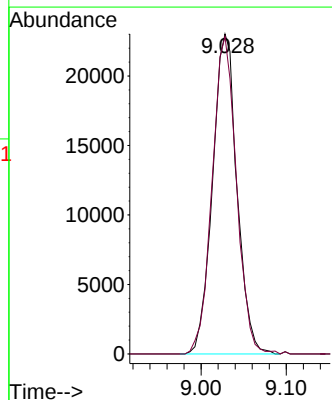
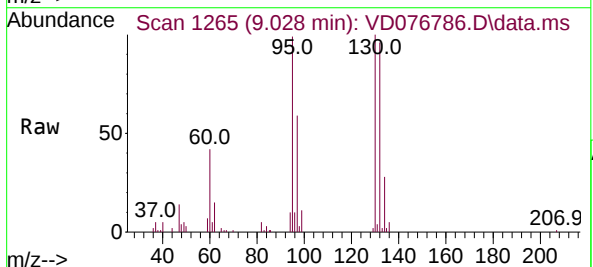
Instrument :
MSVOA_D
ClientSampleId :
VD0719SBSD01

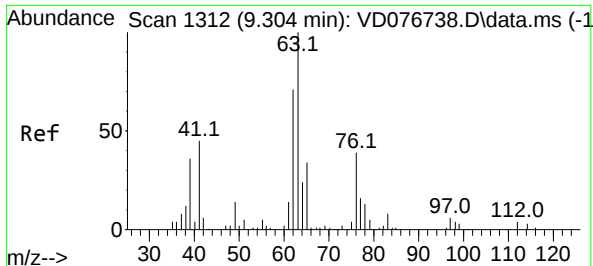
Tgt Ion: 43	Resp: 44194
Ion Ratio	Lower Upper
43	100
61	35.4 31.4 47.0
87	17.2 14.9 22.3



#44
Trichloroethene
Concen: 20.395 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD076786.D
Acq: 19 Jul 2023 13:07

Tgt Ion: 130	Resp: 45837
Ion Ratio	Lower Upper
130	100
95	99.2 0.0 179.2





#45

1,2-Dichloropropane

Concen: 21.784 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.001 min

Lab File: VD076786.D

Acq: 19 Jul 2023 13:07

Instrument :

MSVOA_D

ClientSampleId :

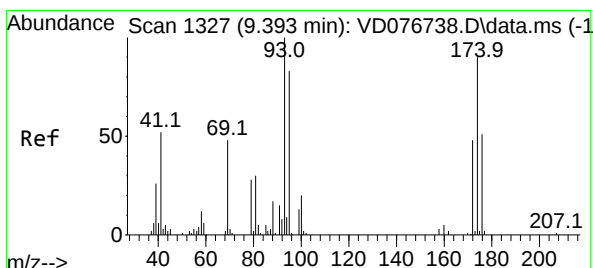
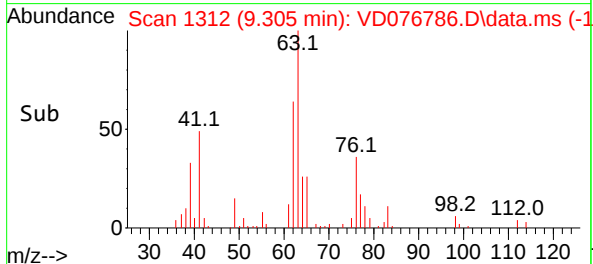
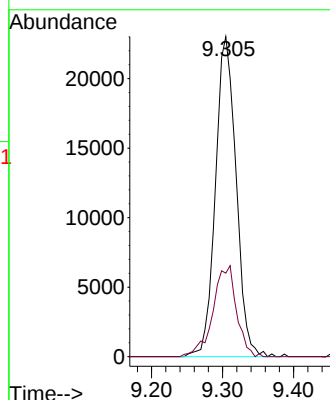
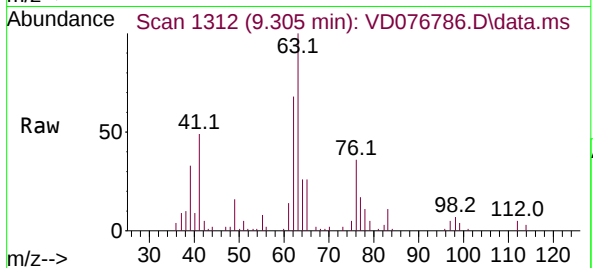
VD0719SBSD01

Tgt Ion: 63 Resp: 46377

Ion Ratio Lower Upper

63 100

65 26.1 24.5 36.7



#46

Dibromomethane

Concen: 20.322 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD076786.D

Acq: 19 Jul 2023 13:07

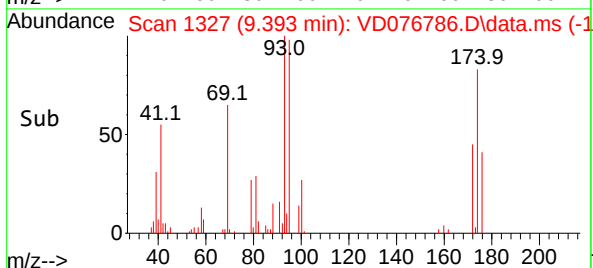
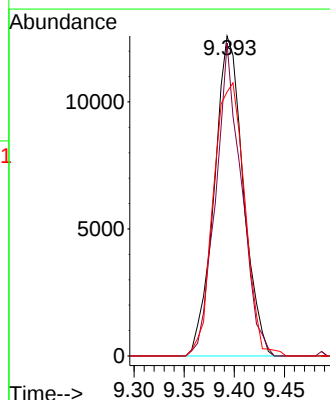
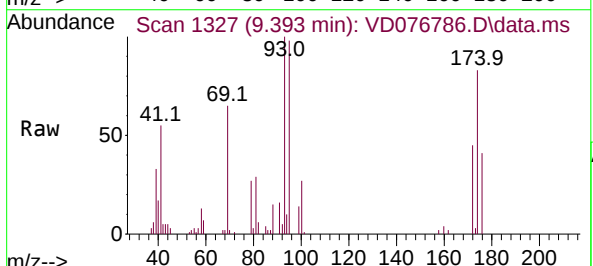
Tgt Ion: 93 Resp: 25324

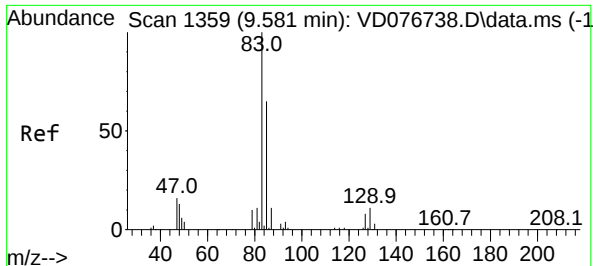
Ion Ratio Lower Upper

93 100

95 86.9 67.7 101.5

174 92.3 85.4 128.2





#47

Bromodichloromethane

Concen: 21.072 ug/l

RT: 9.587 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD076786.D

Acq: 19 Jul 2023 13:07

Instrument :

MSVOA_D

ClientSampleId :

VD0719SBS01

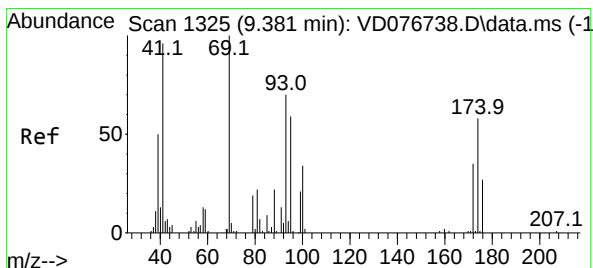
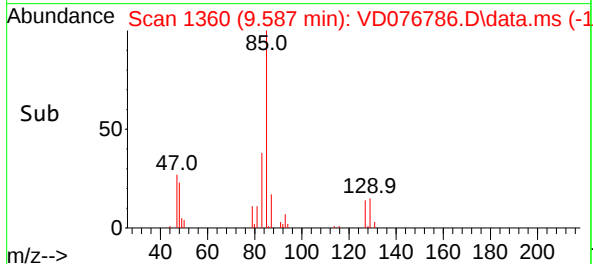
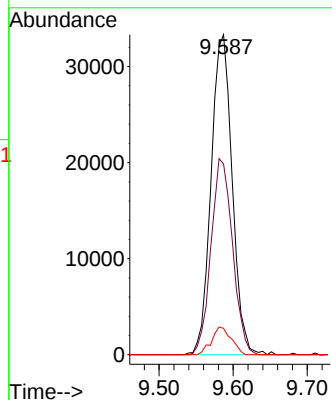
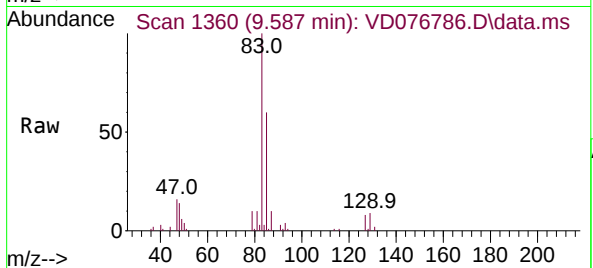
Tgt Ion: 83 Resp: 65895

Ion Ratio Lower Upper

83 100

85 59.6 50.2 75.4

127 8.2 6.3 9.5



#48

Methyl methacrylate

Concen: 18.230 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. 0.000 min

Lab File: VD076786.D

Acq: 19 Jul 2023 13:07

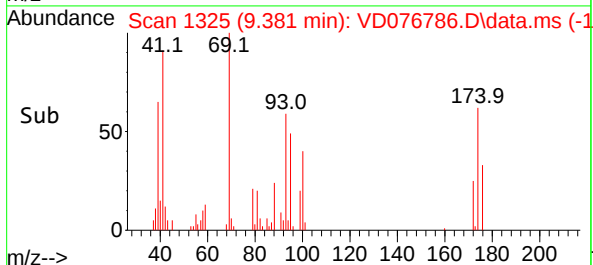
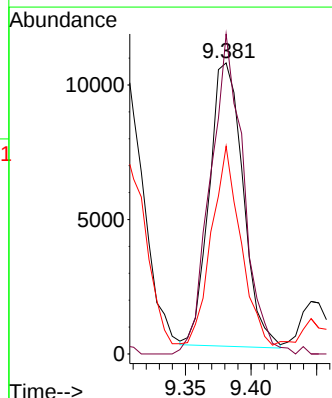
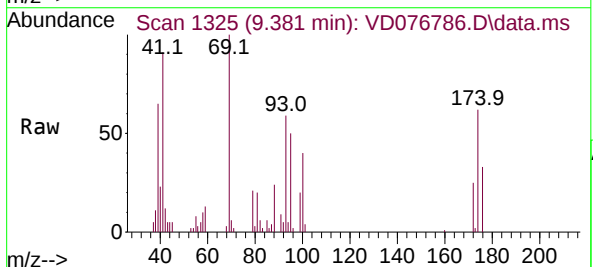
Tgt Ion: 41 Resp: 18928

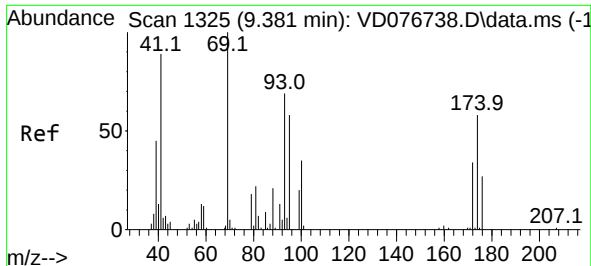
Ion Ratio Lower Upper

41 100

69 110.4 102.2 153.2

39 61.8 41.4 62.2





#49

1,4-Dioxane

Concen: 358.641 ug/l

RT: 9.381 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD076786.D

Acq: 19 Jul 2023 13:07

Instrument :

MSVOA_D

ClientSampleId :

VD0719SBS01

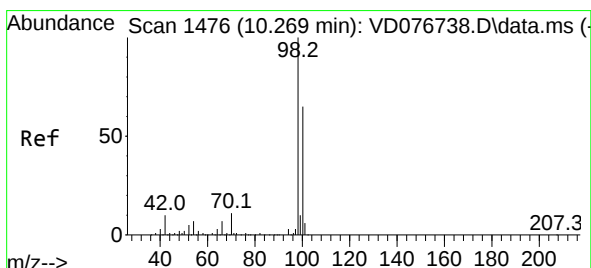
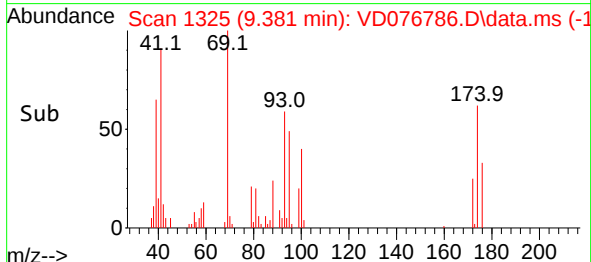
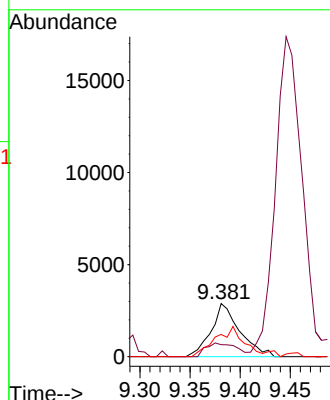
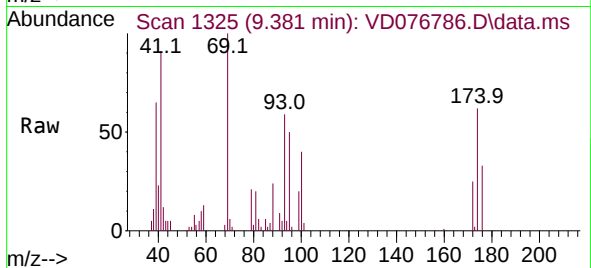
Tgt Ion: 88 Resp: 5726

Ion Ratio Lower Upper

88 100

43 26.9 19.0 28.6

58 56.1 43.5 65.3



#50

Toluene-d8

Concen: 46.456 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD076786.D

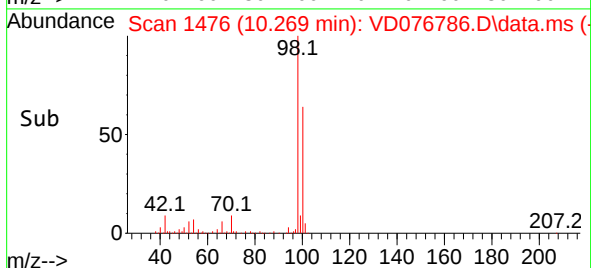
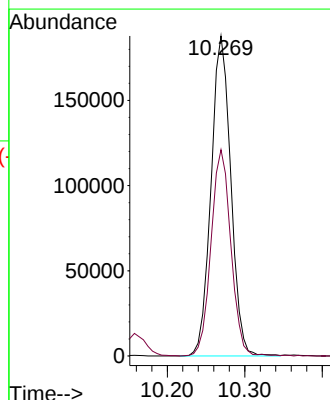
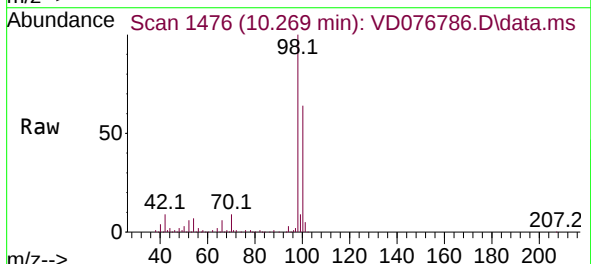
Acq: 19 Jul 2023 13:07

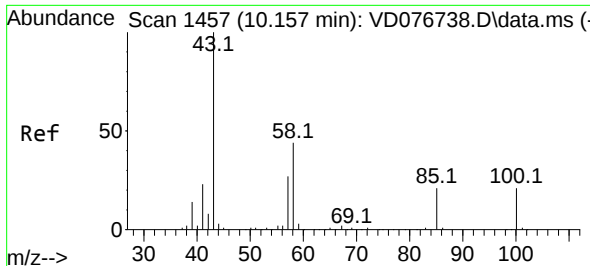
Tgt Ion: 98 Resp: 332433

Ion Ratio Lower Upper

98 100

100 64.7 50.3 75.5

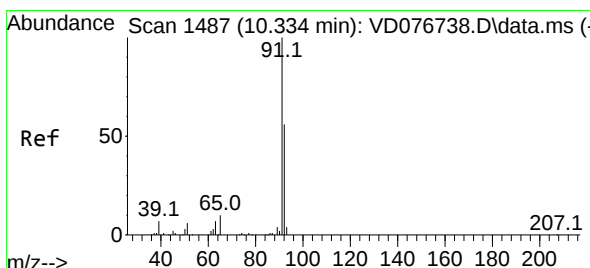
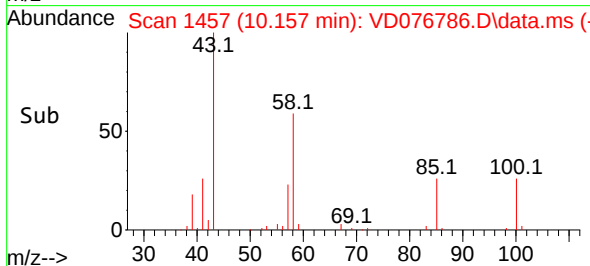
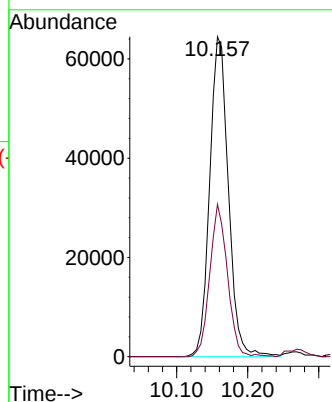
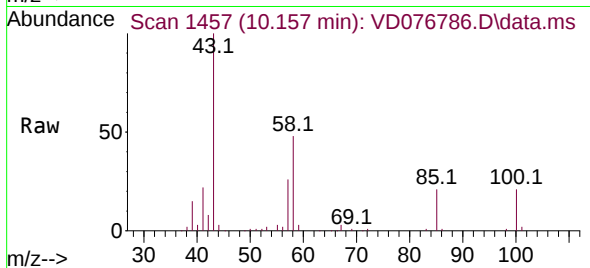




#51
4-Methyl-2-Pentanone
Concen: 96.983 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD076786.D
Acq: 19 Jul 2023 13:07

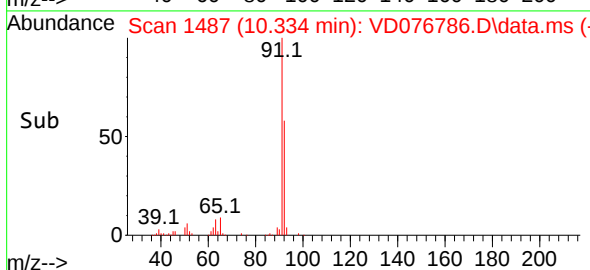
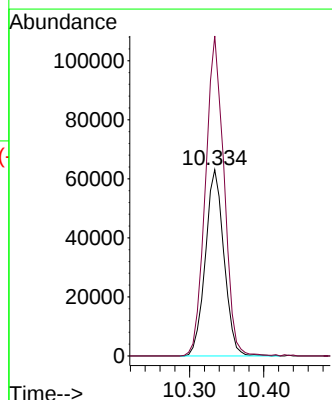
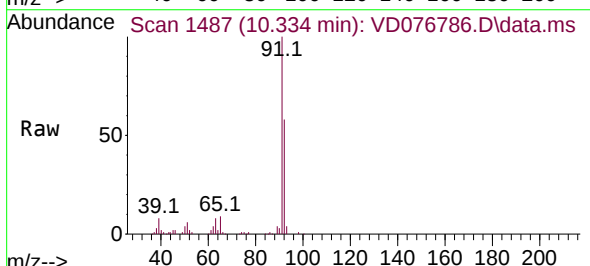
Instrument :
MSVOA_D
ClientSampleId :
VD0719SBSD01

Tgt Ion: 43 Resp: 117799
Ion Ratio Lower Upper
43 100
58 45.2 38.9 58.3



#52
Toluene
Concen: 20.302 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD076786.D
Acq: 19 Jul 2023 13:07

Tgt Ion: 92 Resp: 109969
Ion Ratio Lower Upper
92 100
91 171.3 143.0 214.4

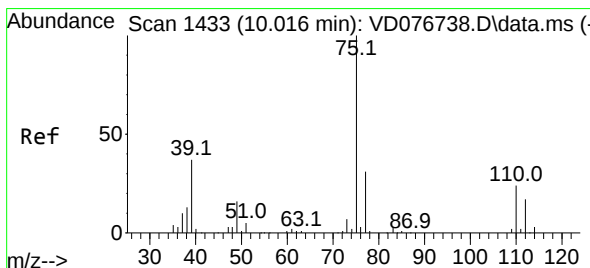
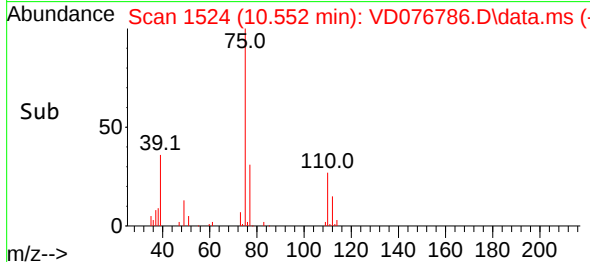
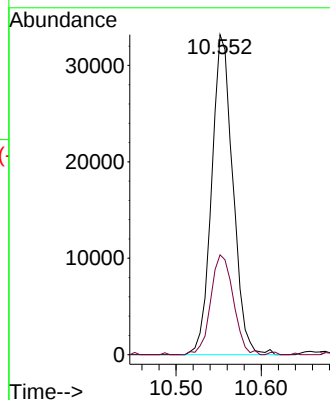
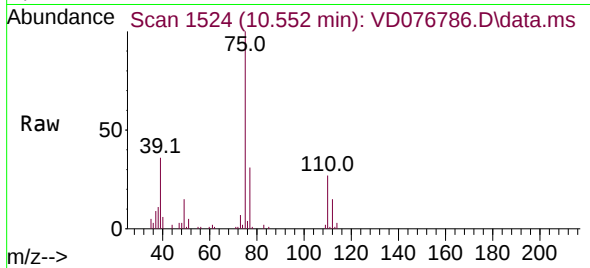




#53
t-1,3-Dichloropropene
Concen: 19.762 ug/l
RT: 10.552 min Scan# 1524
Delta R.T. 0.001 min
Lab File: VD076786.D
Acq: 19 Jul 2023 13:07

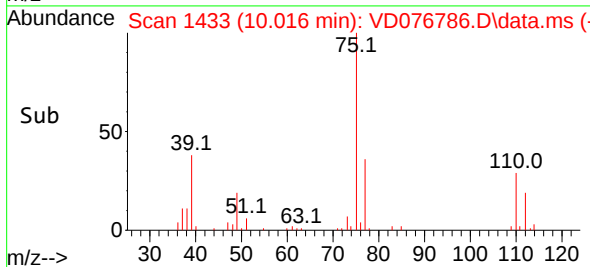
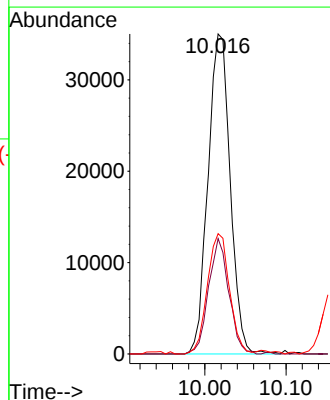
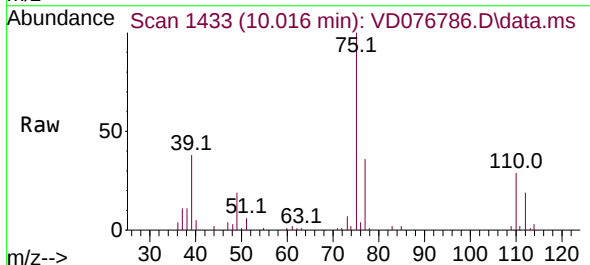
Instrument :
MSVOA_D
ClientSampleId :
VD0719SBSD01

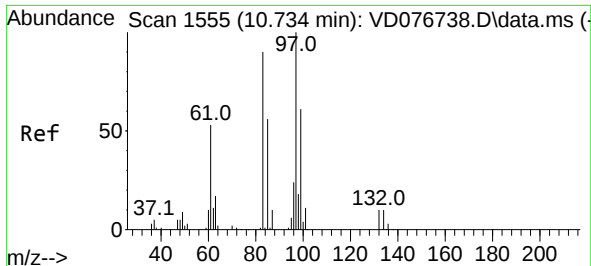
Tgt Ion: 75 Resp: 57361
Ion Ratio Lower Upper
75 100
77 31.2 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 19.452 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD076786.D
Acq: 19 Jul 2023 13:07

Tgt Ion: 75 Resp: 66543
Ion Ratio Lower Upper
75 100
77 36.1 25.5 38.3
39 37.6 22.1 33.1#

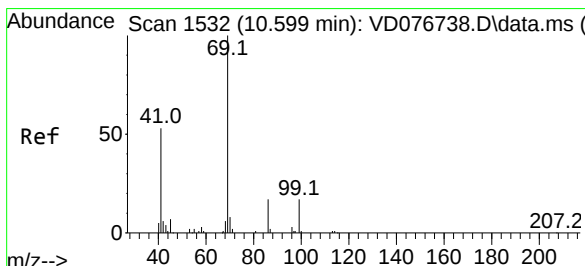
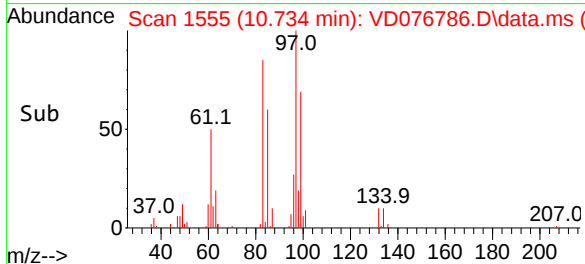
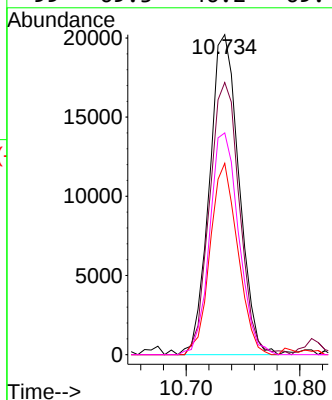
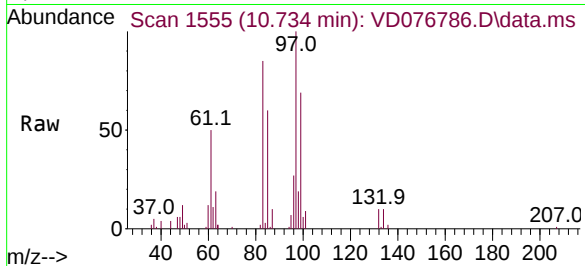




#55
1,1,2-Trichloroethane
Concen: 20.094 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD076786.D
Acq: 19 Jul 2023 13:07

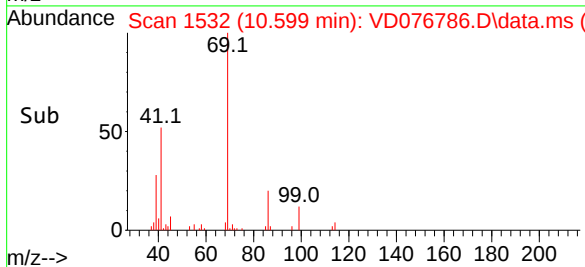
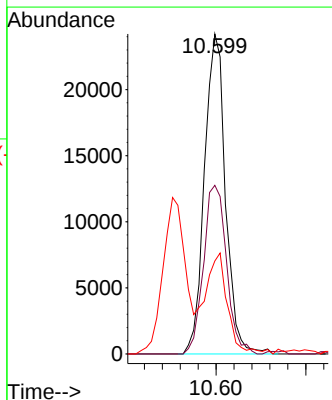
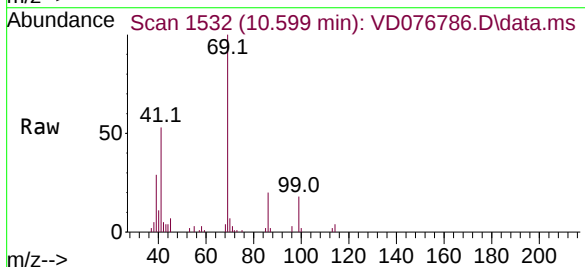
Instrument :
MSVOA_D
ClientSampleId :
VD0719SBS01

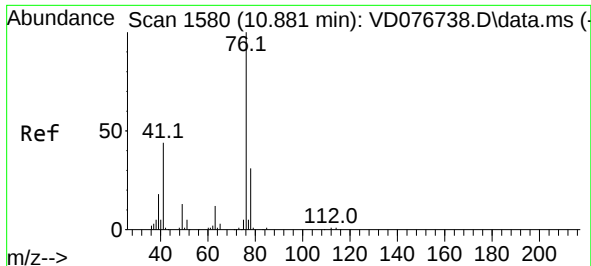
Tgt Ion: 97	Resp: 36565
Ion Ratio	Lower Upper
97 100	
83 85.1	65.8 98.6
85 59.8	45.7 68.5
99 69.3	46.2 69.4



#56
Ethyl methacrylate
Concen: 18.804 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. -0.000 min
Lab File: VD076786.D
Acq: 19 Jul 2023 13:07

Tgt Ion: 69	Resp: 39493
Ion Ratio	Lower Upper
69 100	
41 57.6	39.1 58.7
39 30.9	20.0 30.0#





#57

1,3-Dichloropropane

Concen: 20.440 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD076786.D

Acq: 19 Jul 2023 13:07

Instrument :

MSVOA_D

ClientSampleId :

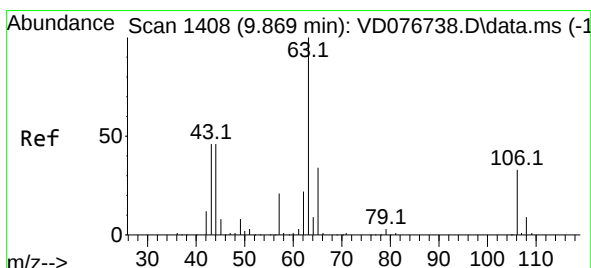
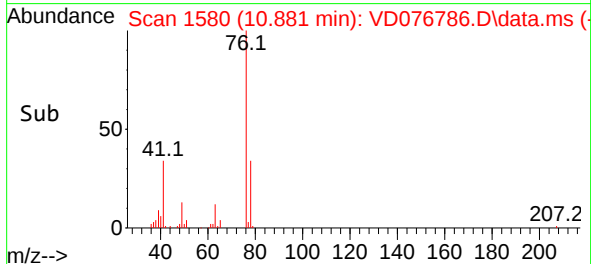
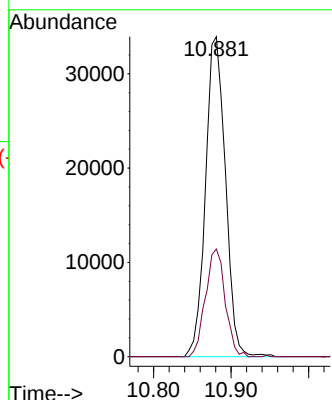
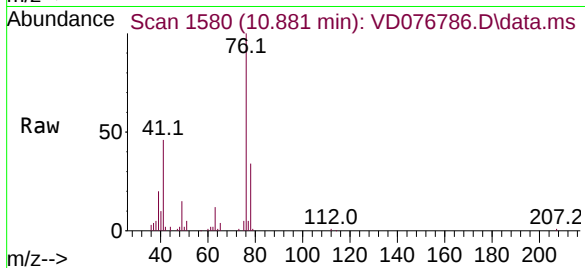
VD0719SBS01

Tgt Ion: 76 Resp: 60573

Ion Ratio Lower Upper

76 100

78 33.2 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 99.432 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD076786.D

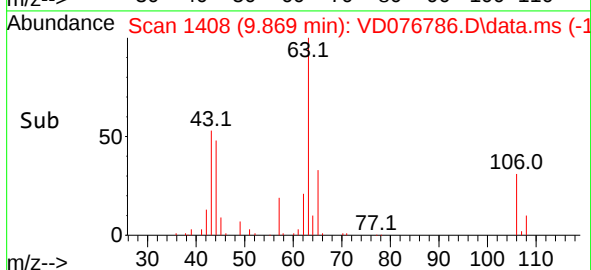
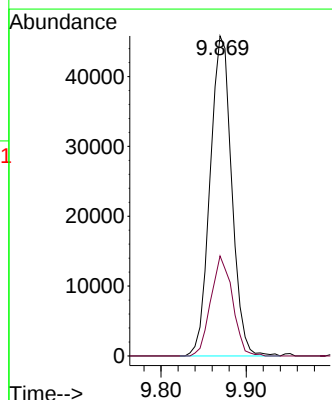
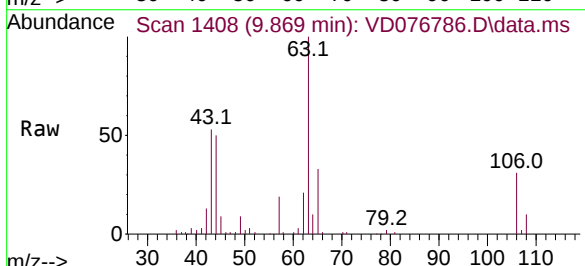
Acq: 19 Jul 2023 13:07

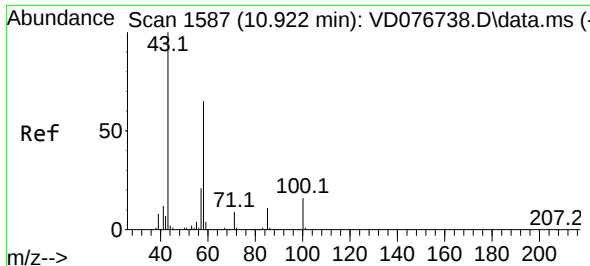
Tgt Ion: 63 Resp: 80836

Ion Ratio Lower Upper

63 100

106 31.2 25.3 37.9

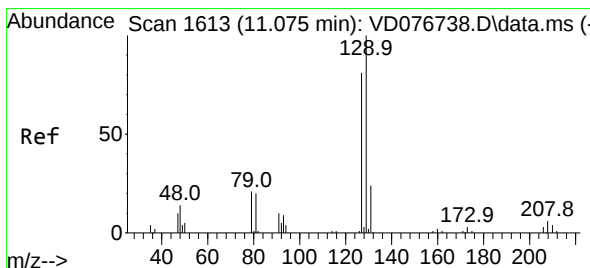
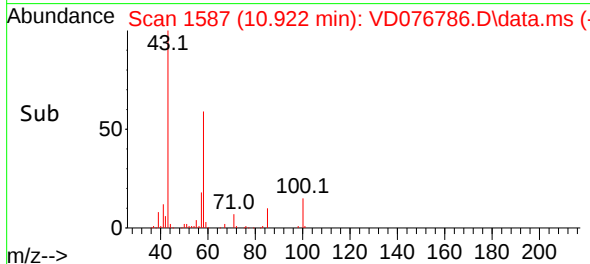
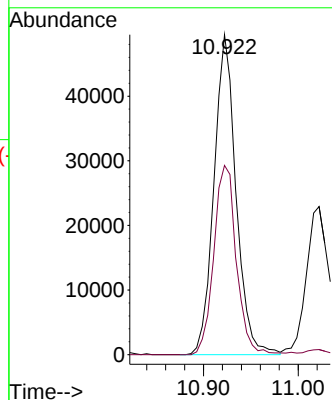
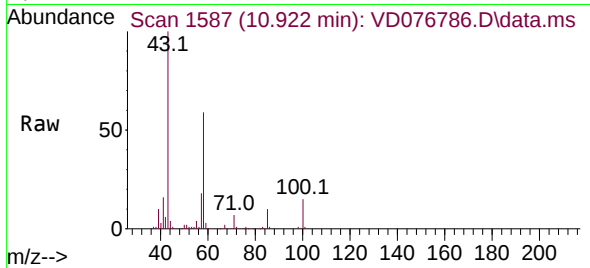




#59
2-Hexanone
Concen: 92.565 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD076786.D
Acq: 19 Jul 2023 13:07

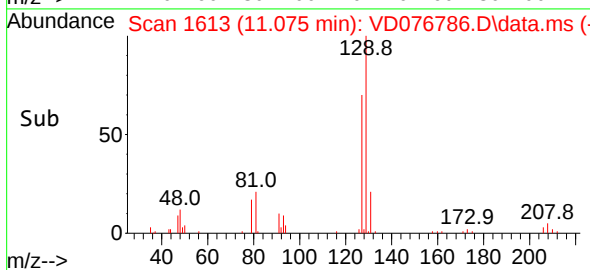
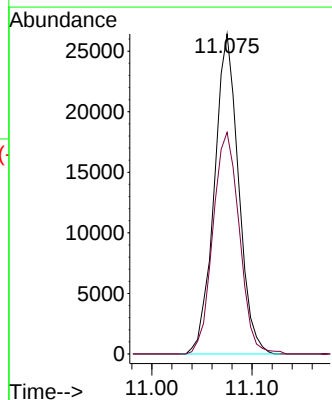
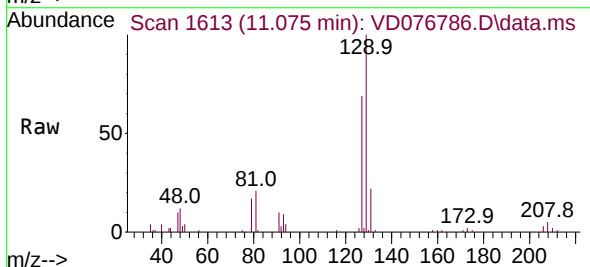
Instrument :
MSVOA_D
ClientSampleId :
VD0719SBSD01

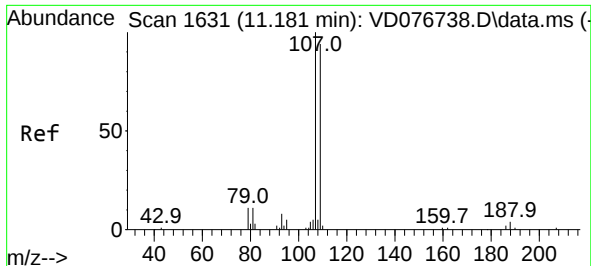
Tgt Ion: 43 Resp: 80226
Ion Ratio Lower Upper
43 100
58 60.5 34.1 102.2



#60
Dibromochloromethane
Concen: 20.974 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD076786.D
Acq: 19 Jul 2023 13:07

Tgt Ion: 129 Resp: 44338
Ion Ratio Lower Upper
129 100
127 75.4 37.1 111.5

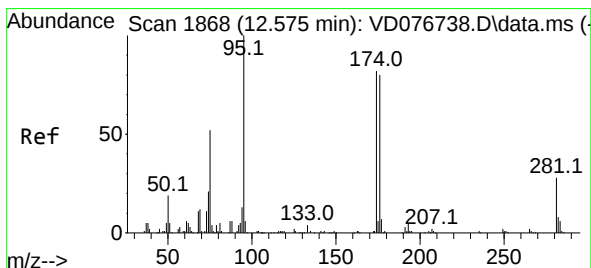
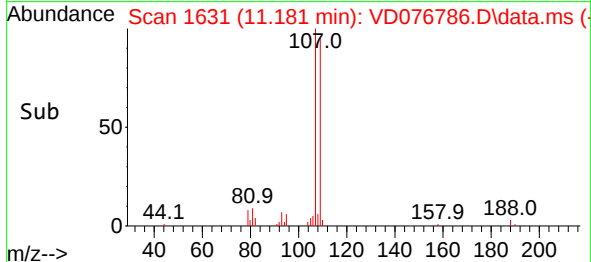
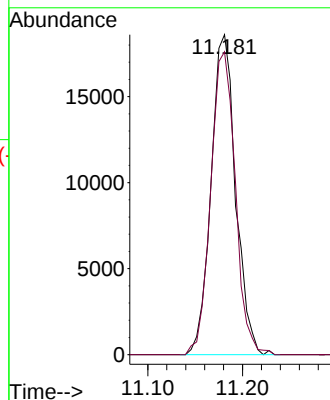
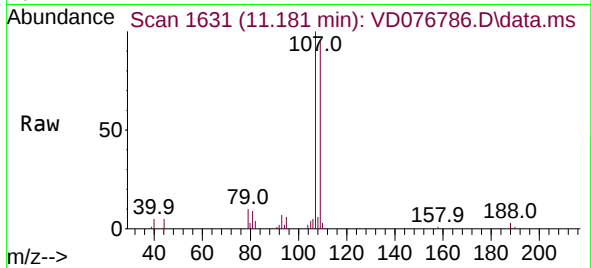




#61
1,2-Dibromoethane
Concen: 19.814 ug/l
RT: 11.181 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD076786.D
Acq: 19 Jul 2023 13:07

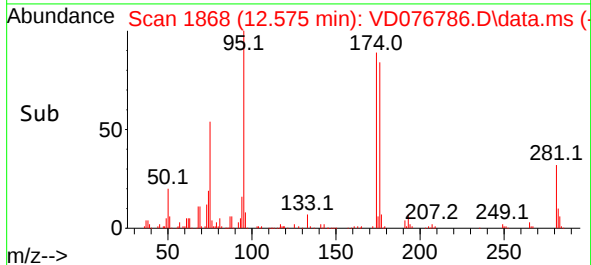
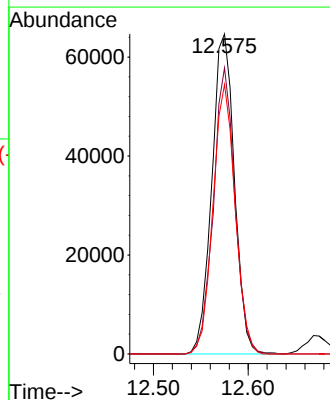
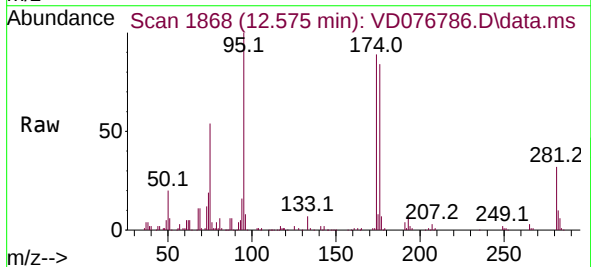
Instrument :
MSVOA_D
ClientSampleId :
VD0719SBSD01

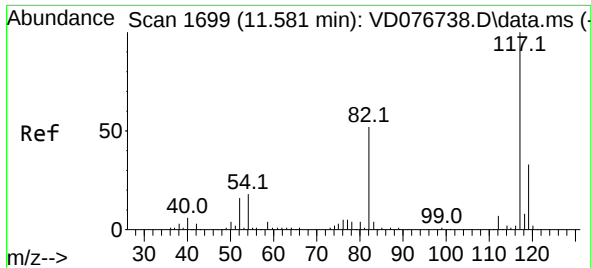
Tgt Ion:107 Resp: 33427
Ion Ratio Lower Upper
107 100
109 94.9 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 46.338 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076786.D
Acq: 19 Jul 2023 13:07

Tgt Ion: 95 Resp: 107269
Ion Ratio Lower Upper
95 100
174 85.0 0.0 201.8
176 82.5 0.0 191.8

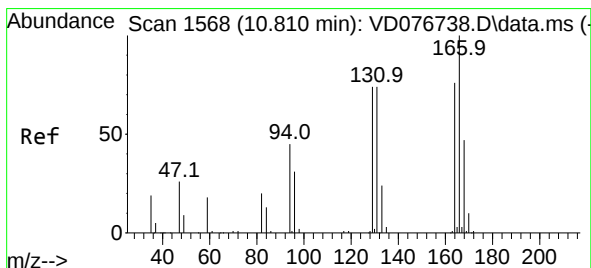
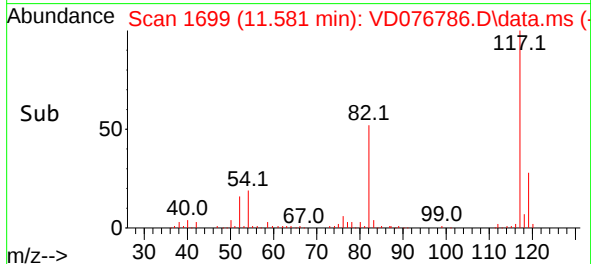
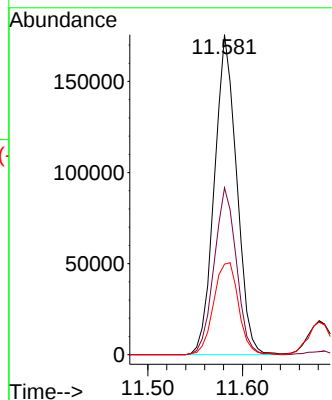
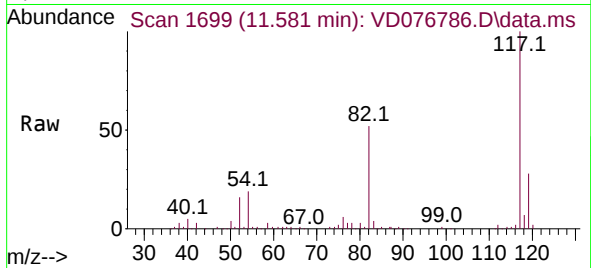




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD076786.D
Acq: 19 Jul 2023 13:07

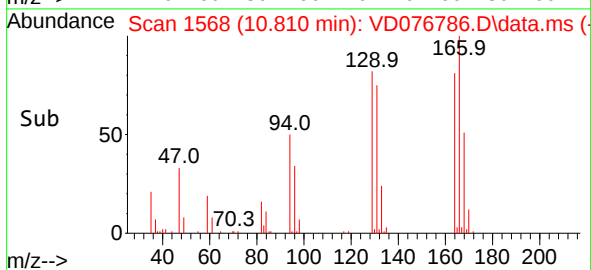
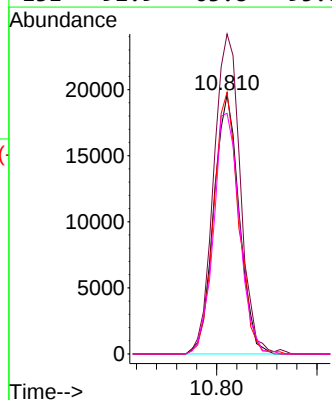
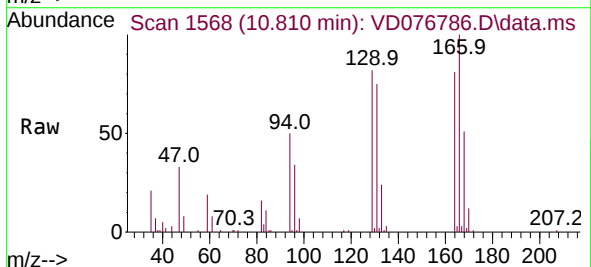
Instrument :
MSVOA_D
ClientSampleId :
VD0719SBSD01

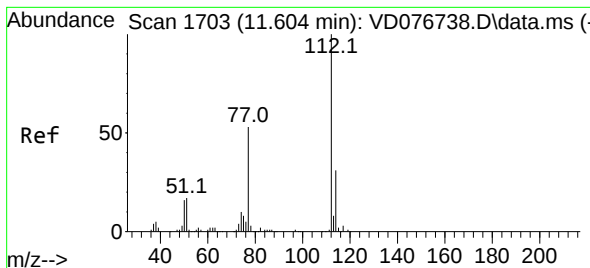
Tgt Ion:117 Resp: 286980
Ion Ratio Lower Upper
117 100
82 52.1 38.3 57.5
119 28.3 25.0 37.4



#64
Tetrachloroethene
Concen: 21.158 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD076786.D
Acq: 19 Jul 2023 13:07

Tgt Ion:164 Resp: 34623
Ion Ratio Lower Upper
164 100
166 123.5 99.2 148.8
129 101.1 68.4 102.6
131 92.9 63.8 95.8





#65

Chlorobenzene

Concen: 20.774 ug/l

RT: 11.610 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD076786.D

Acq: 19 Jul 2023 13:07

Instrument :

MSVOA_D

ClientSampleId :

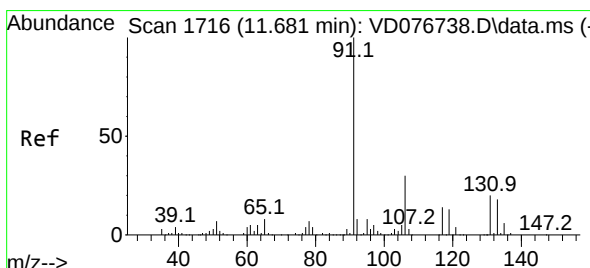
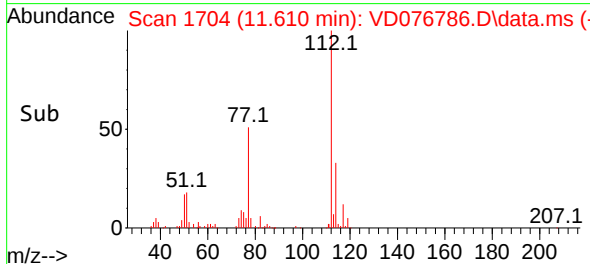
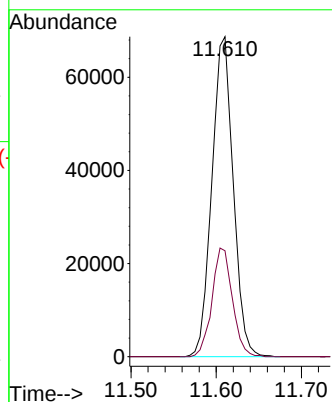
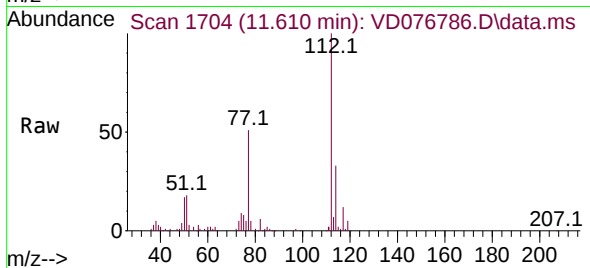
VD0719SBS01

Tgt Ion:112 Resp: 119905

Ion Ratio Lower Upper

112 100

114 33.1 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 21.436 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD076786.D

Acq: 19 Jul 2023 13:07

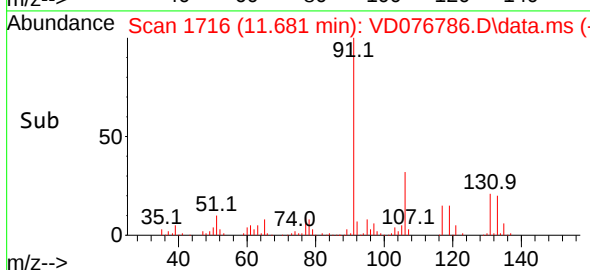
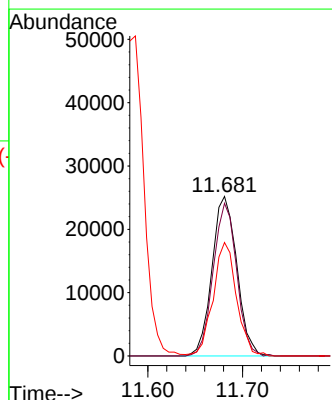
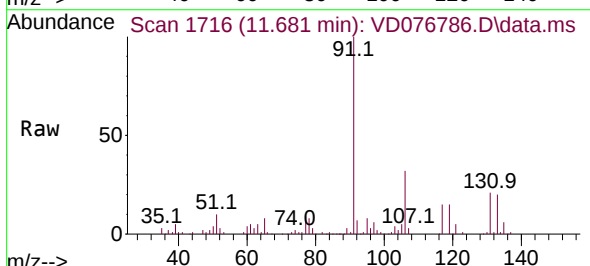
Tgt Ion:131 Resp: 46062

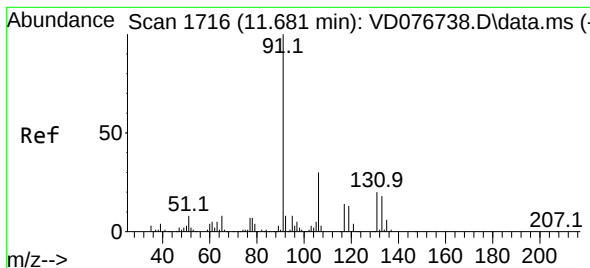
Ion Ratio Lower Upper

131 100

133 90.0 48.5 145.5

119 67.1 35.6 106.9





#67

Ethyl Benzene

Concen: 20.803 ug/l

RT: 11.687 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VD076786.D

Acq: 19 Jul 2023 13:07

Instrument :

MSVOA_D

ClientSampleId :

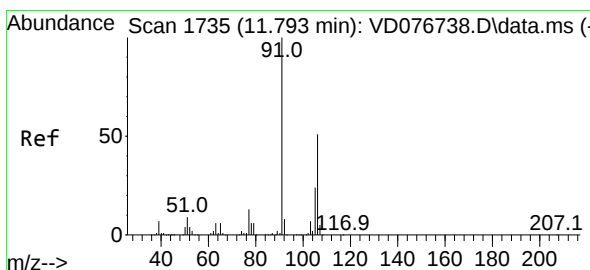
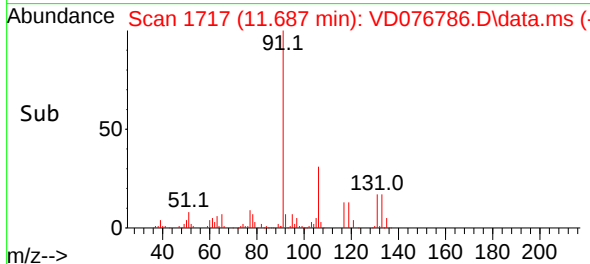
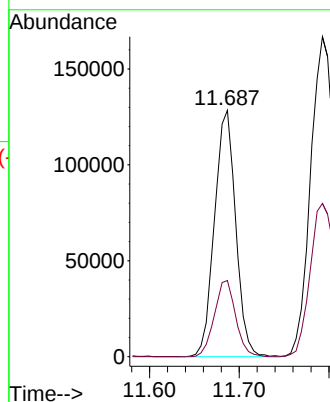
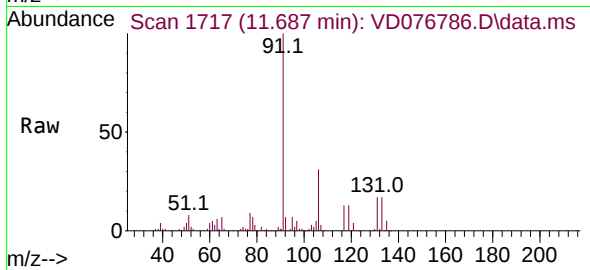
VD0719SBSD01

Tgt Ion: 91 Resp: 210868

Ion Ratio Lower Upper

91 100

106 30.9 26.5 39.7



#68

m/p-Xylenes

Concen: 40.490 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. -0.000 min

Lab File: VD076786.D

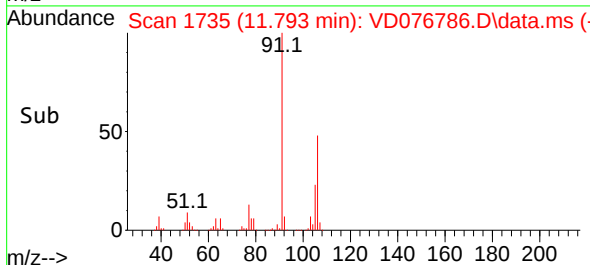
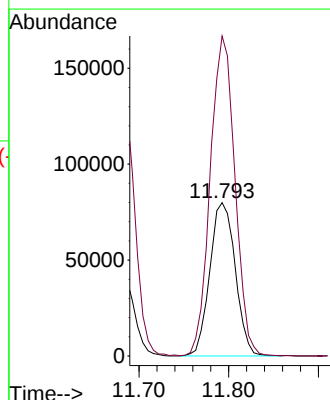
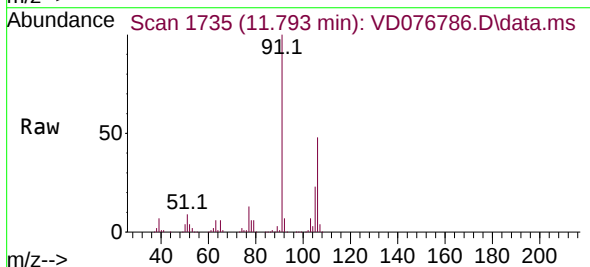
Acq: 19 Jul 2023 13:07

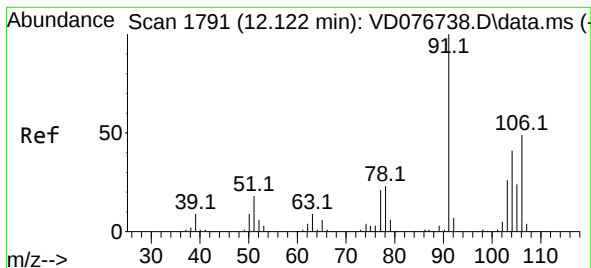
Tgt Ion:106 Resp: 157624

Ion Ratio Lower Upper

106 100

91 202.4 147.0 220.6

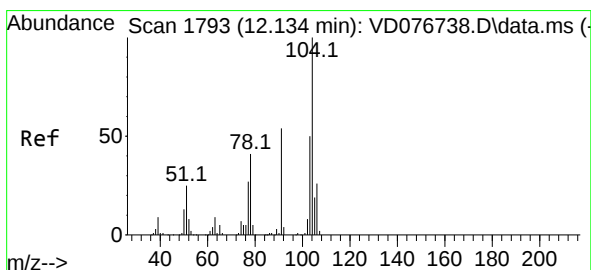
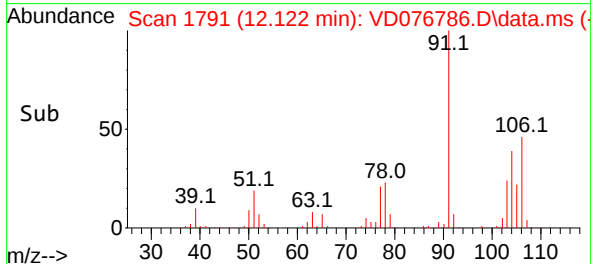
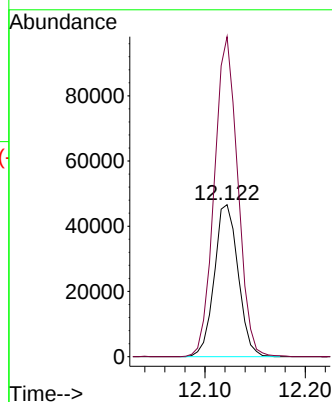
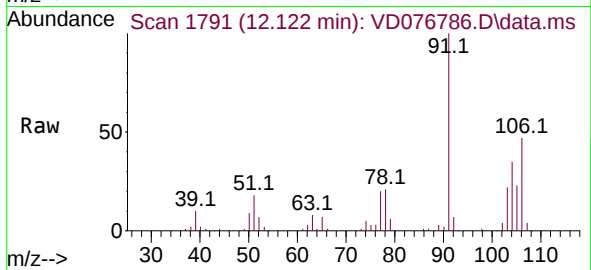




#69
o-Xylene
Concen: 20.422 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD076786.D
Acq: 19 Jul 2023 13:07

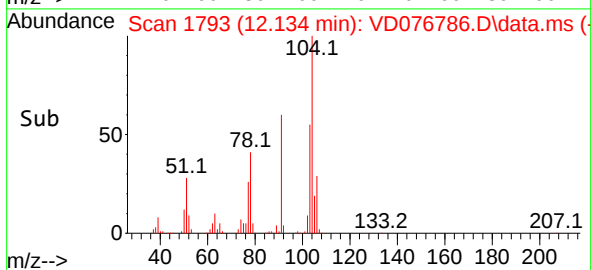
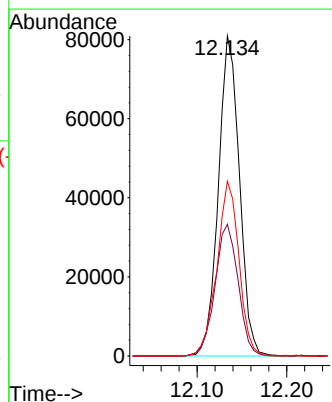
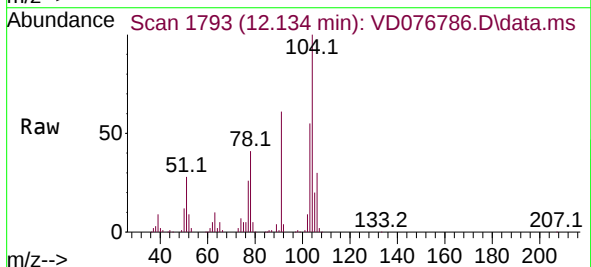
Instrument :
MSVOA_D
ClientSampleId :
VD0719SBSD01

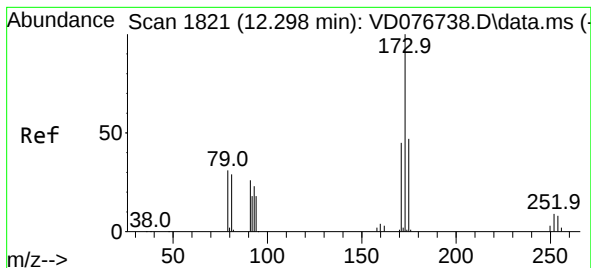
Tgt Ion:106 Resp: 76879
Ion Ratio Lower Upper
106 100
91 207.7 97.9 293.6



#70
Styrene
Concen: 19.984 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD076786.D
Acq: 19 Jul 2023 13:07

Tgt Ion:104 Resp: 131695
Ion Ratio Lower Upper
104 100
78 45.5 33.2 49.8
103 57.2 43.6 65.4





#71

Bromoform

Concen: 19.552 ug/l

RT: 12.304 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD076786.D

Acq: 19 Jul 2023 13:07

Instrument :

MSVOA_D

ClientSampleId :

VD0719SBS01

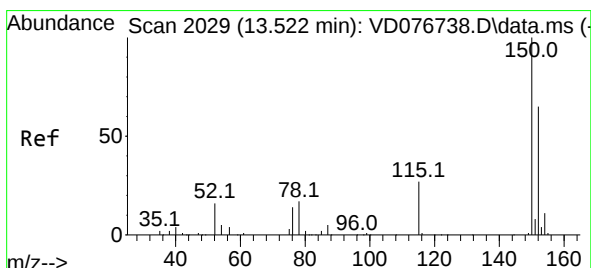
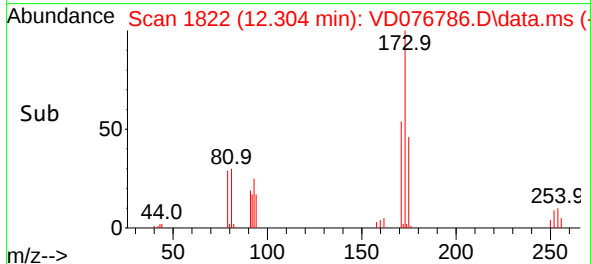
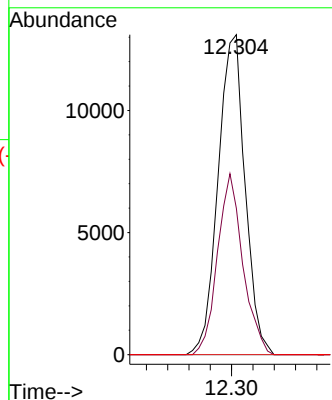
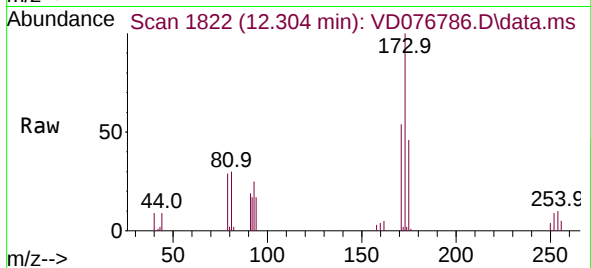
Tgt Ion:173 Resp: 23011

Ion Ratio Lower Upper

173 100

175 53.2 24.6 73.8

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. -0.006 min

Lab File: VD076786.D

Acq: 19 Jul 2023 13:07

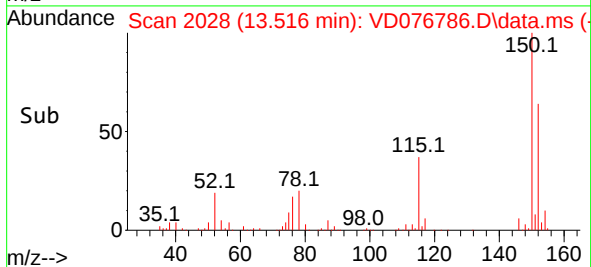
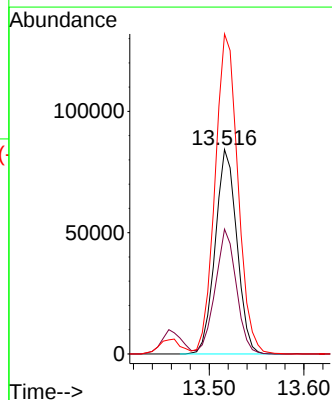
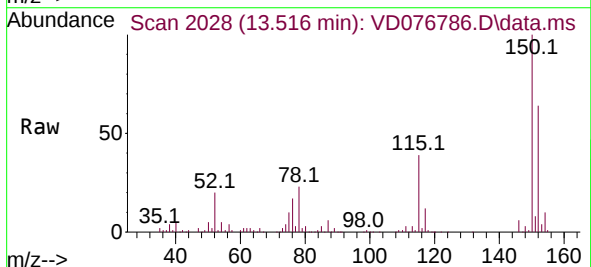
Tgt Ion:152 Resp: 133890

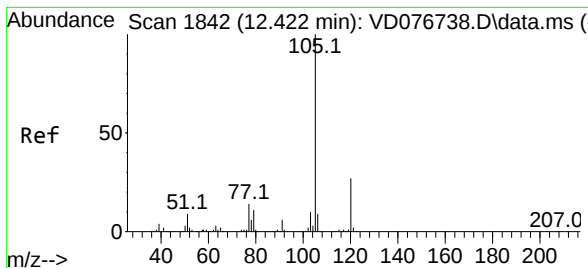
Ion Ratio Lower Upper

152 100

115 59.2 27.1 81.3

150 165.5 0.0 353.6





#73

Isopropylbenzene

Concen: 21.060 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD076786.D

Acq: 19 Jul 2023 13:07

Instrument :

MSVOA_D

ClientSampleId :

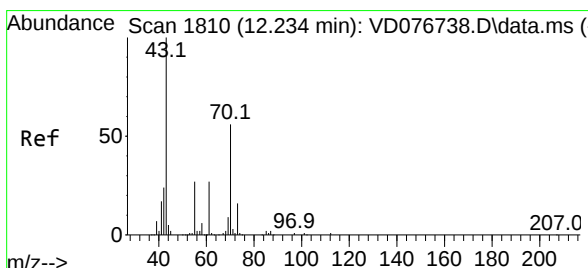
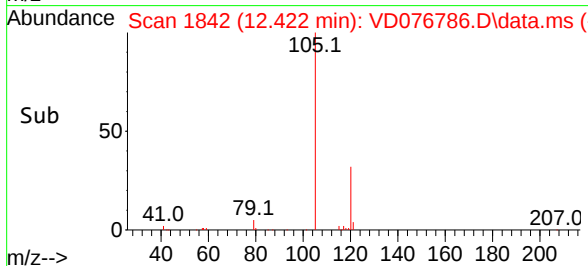
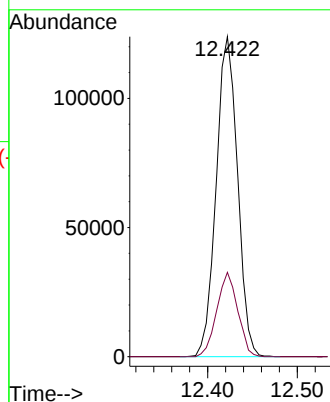
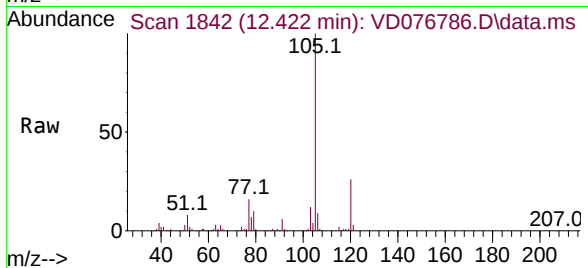
VD0719SBSD01

Tgt Ion:105 Resp: 204580

Ion Ratio Lower Upper

105 100

120 25.8 14.3 42.9



#74

N-ethyl acetate

Concen: 20.020 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VD076786.D

Acq: 19 Jul 2023 13:07

Tgt Ion: 43 Resp: 40970

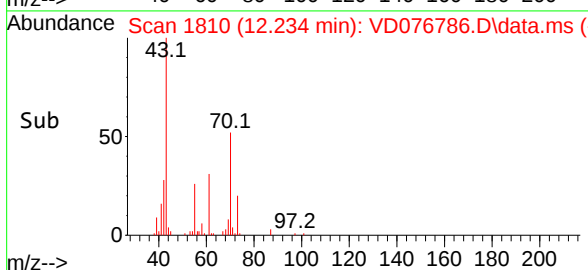
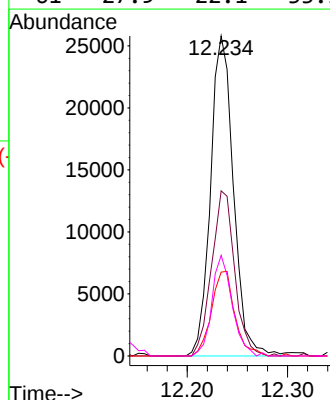
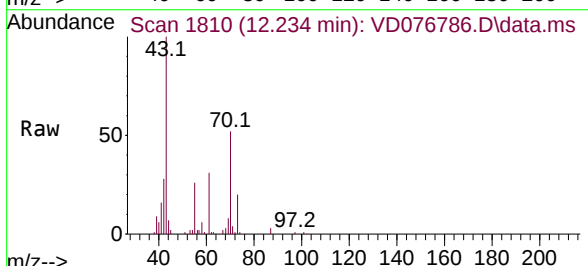
Ion Ratio Lower Upper

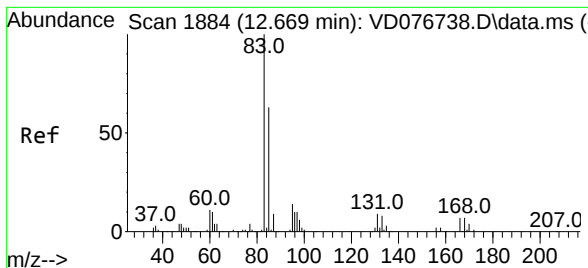
43 100

70 52.1 45.0 67.4

55 27.1 23.8 35.6

61 27.9 22.1 33.1

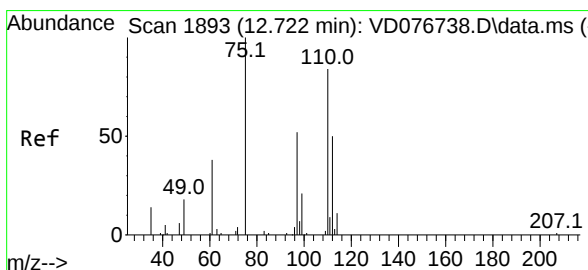
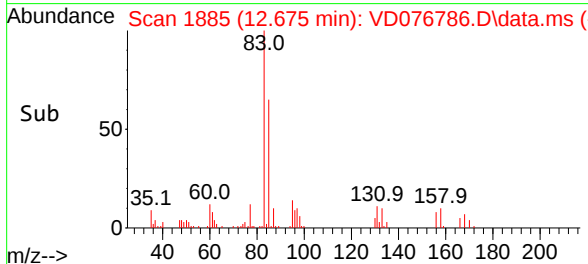
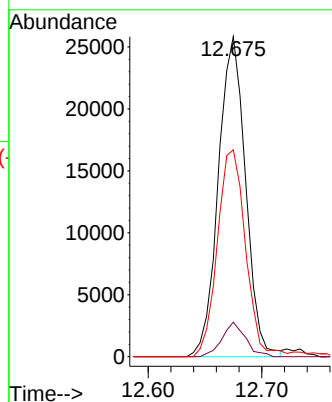
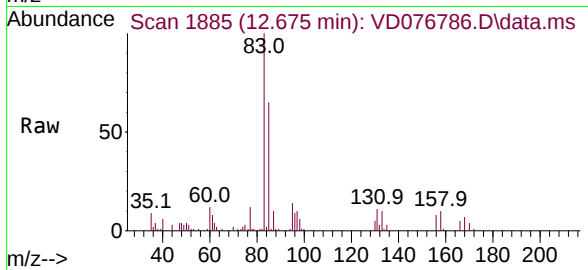




#75
 1,1,2,2-Tetrachloroethane
 Concen: 20.626 ug/l
 RT: 12.675 min Scan# 1885
 Delta R.T. 0.006 min
 Lab File: VD076786.D
 Acq: 19 Jul 2023 13:07

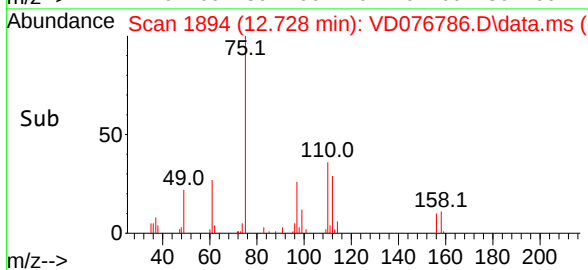
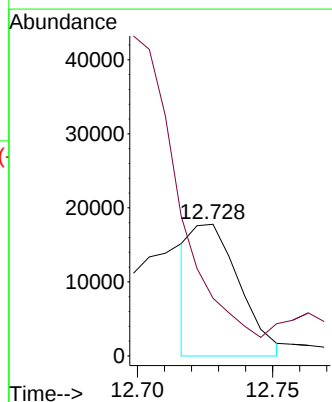
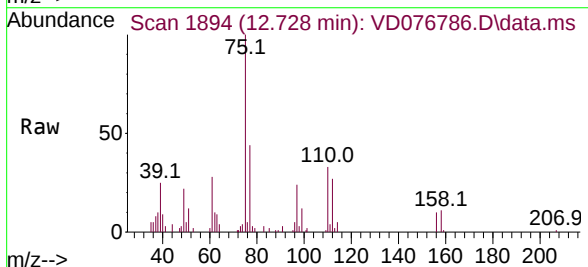
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0719SBSD01

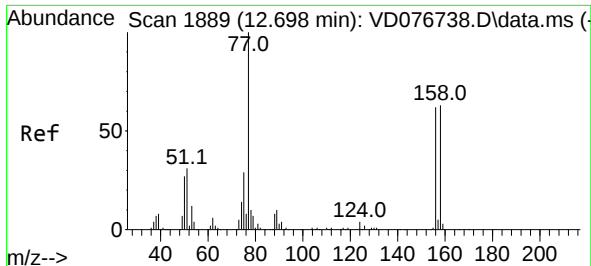
Tgt Ion: 83 Resp: 43018
 Ion Ratio Lower Upper
 83 100
 131 9.4 5.1 15.3
 85 68.2 32.6 97.8



#76
 1,2,3-Trichloropropane
 Concen: 17.275 ug/l m
 RT: 12.728 min Scan# 1894
 Delta R.T. 0.006 min
 Lab File: VD076786.D
 Acq: 19 Jul 2023 13:07

Tgt Ion: 75 Resp: 21996
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

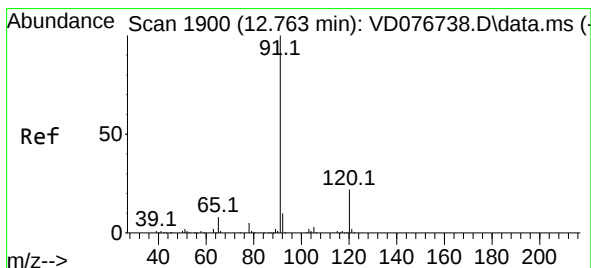
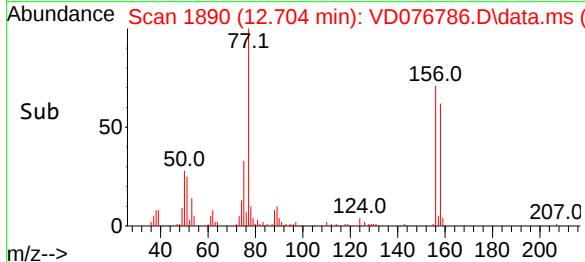
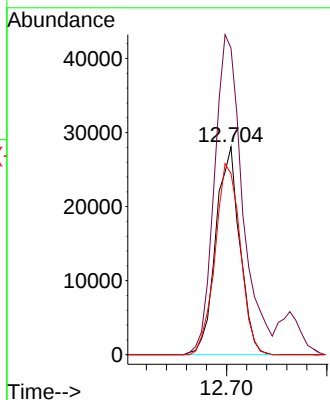
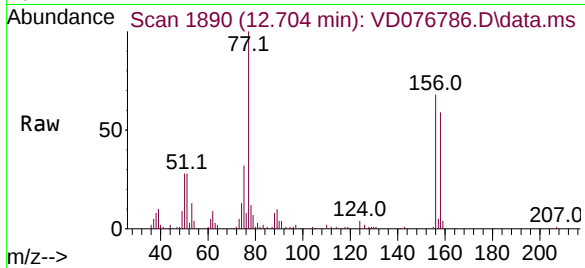




#77
Bromobenzene
Concen: 20.784 ug/l
RT: 12.704 min Scan# 1889
Delta R.T. 0.006 min
Lab File: VD076786.D
Acq: 19 Jul 2023 13:07

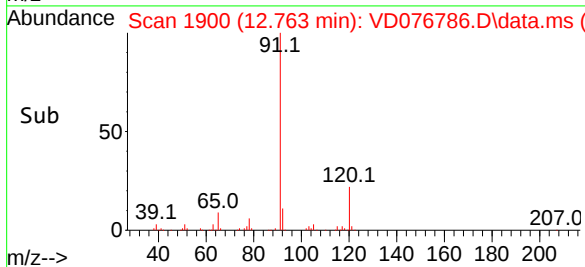
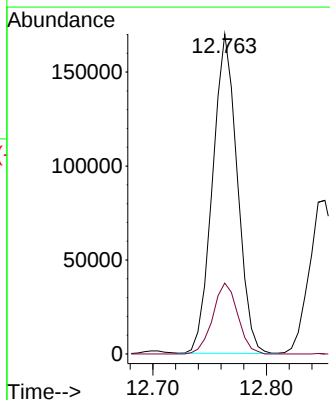
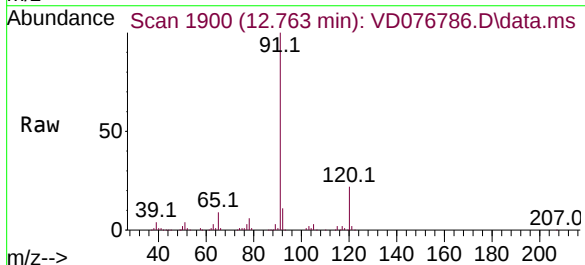
Instrument :
MSVOA_D
ClientSampleId :
VD0719SBSD01

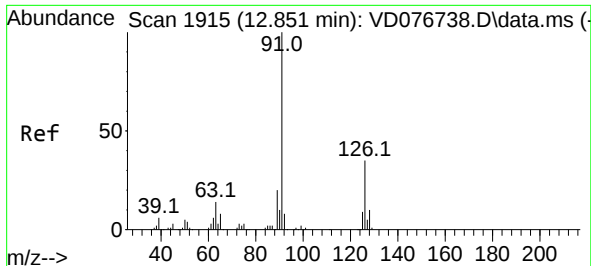
Tgt Ion:156 Resp: 46603
Ion Ratio Lower Upper
156 100
77 180.3 76.8 230.4
158 96.9 48.6 145.9



#78
n-propylbenzene
Concen: 21.808 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD076786.D
Acq: 19 Jul 2023 13:07

Tgt Ion: 91 Resp: 256821
Ion Ratio Lower Upper
91 100
120 22.4 12.4 37.2

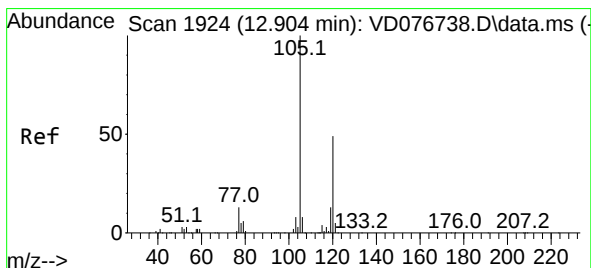
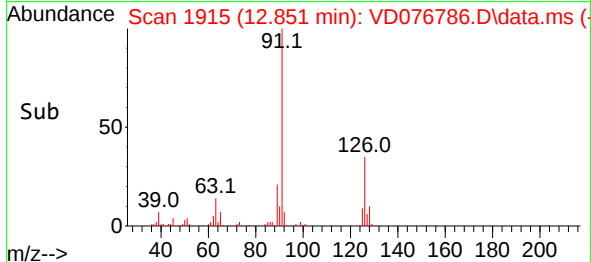
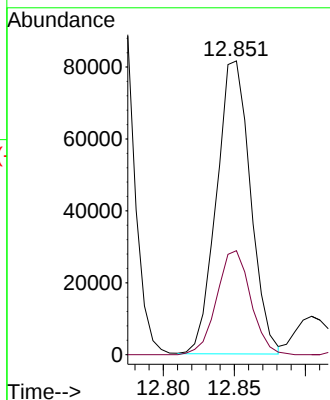
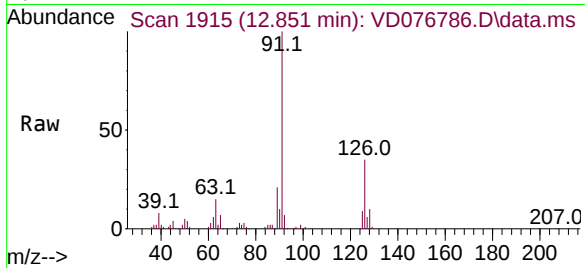




#79
2-Chlorotoluene
Concen: 21.021 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD076786.D
Acq: 19 Jul 2023 13:07

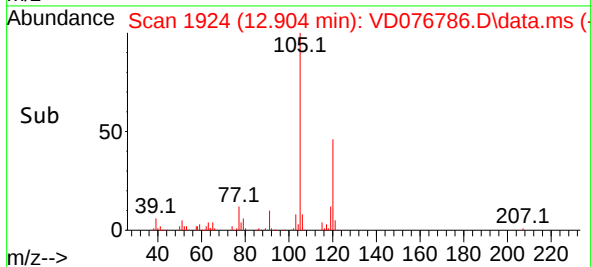
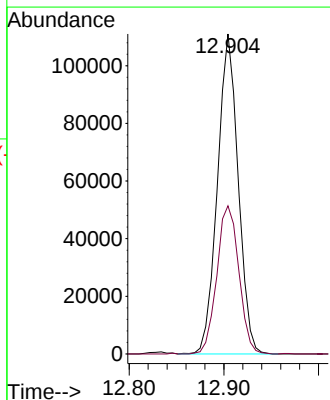
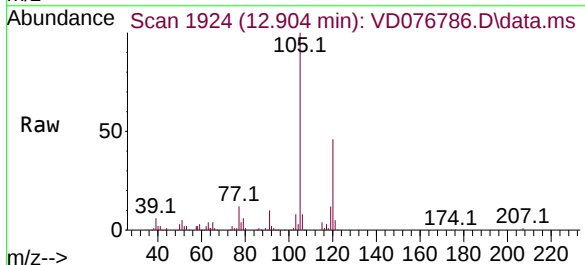
Instrument :
MSVOA_D
ClientSampleId :
VD0719SBS01

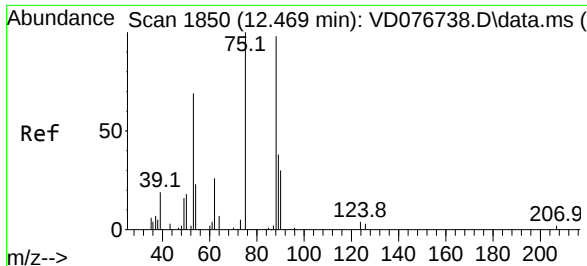
Tgt Ion: 91 Resp: 135732
Ion Ratio Lower Upper
91 100
126 35.5 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 21.535 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD076786.D
Acq: 19 Jul 2023 13:07

Tgt Ion: 105 Resp: 169147
Ion Ratio Lower Upper
105 100
120 49.1 26.4 79.2

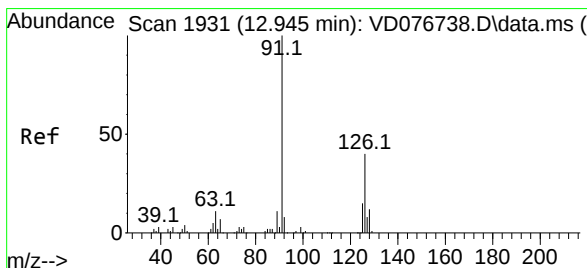
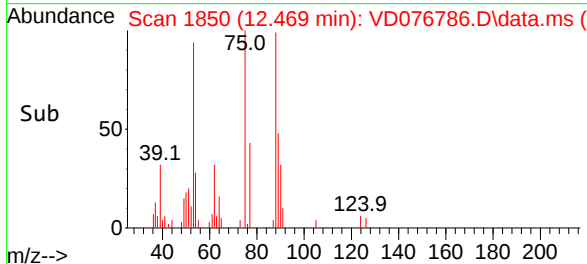
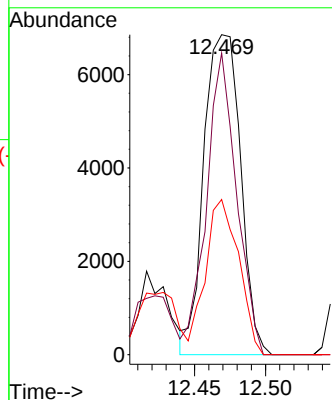
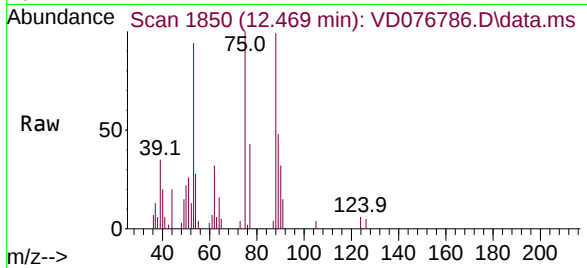




#81
trans-1,4-Dichloro-2-butene
Concen: 20.566 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD076786.D
Acq: 19 Jul 2023 13:07

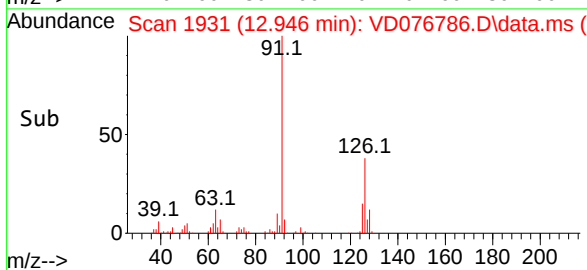
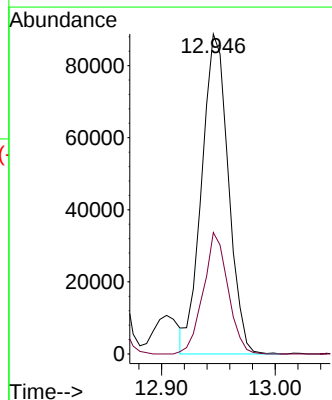
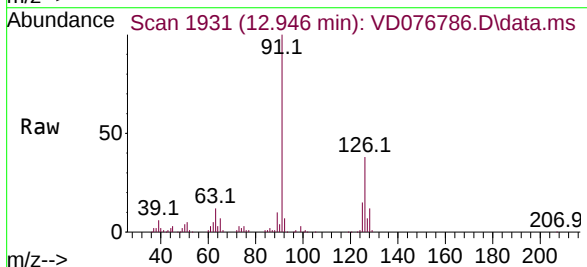
Instrument :
MSVOA_D
ClientSampleId :
VD0719SBSD01

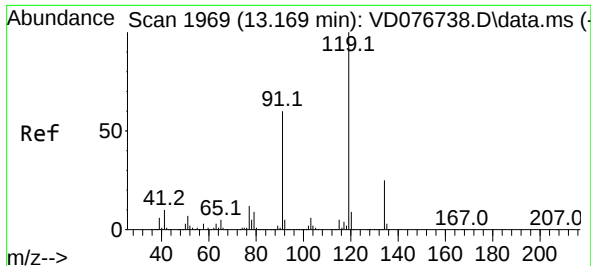
Tgt Ion: 75 Resp: 12304
Ion Ratio Lower Upper
75 100
53 77.6 63.0 94.4
89 44.0 37.9 56.9



#82
4-Chlorotoluene
Concen: 21.425 ug/l
RT: 12.946 min Scan# 1931
Delta R.T. 0.001 min
Lab File: VD076786.D
Acq: 19 Jul 2023 13:07

Tgt Ion: 91 Resp: 144527
Ion Ratio Lower Upper
91 100
126 35.2 19.4 58.4

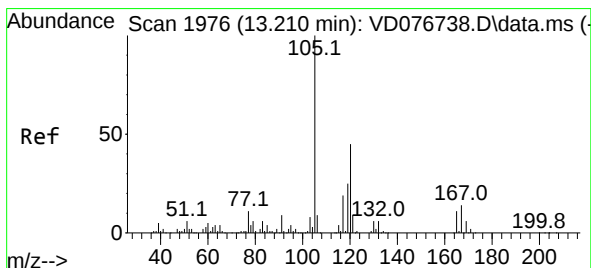
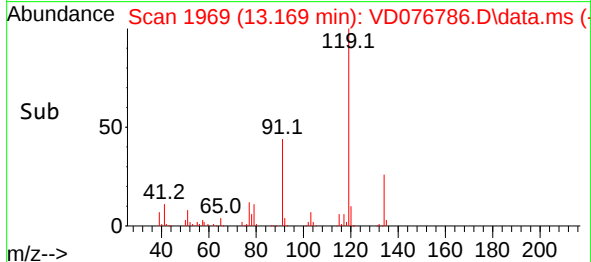
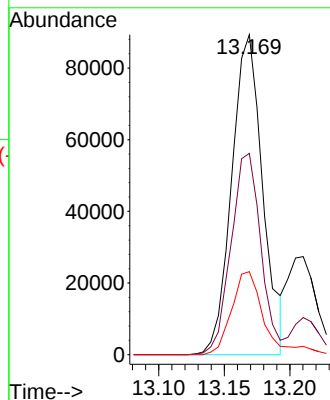
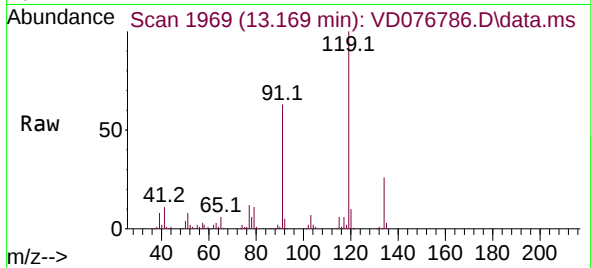




#83
tert-Butylbenzene
Concen: 21.275 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD076786.D
Acq: 19 Jul 2023 13:07

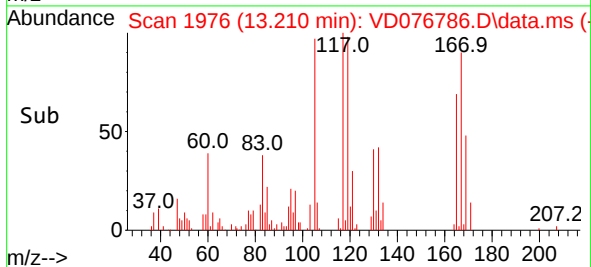
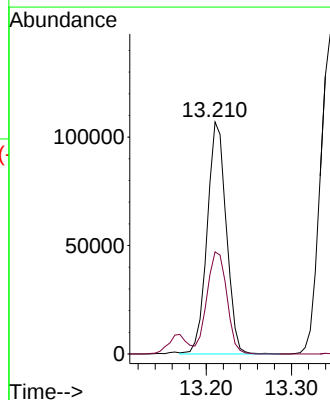
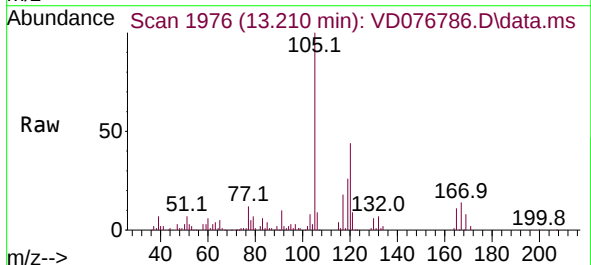
Instrument :
MSVOA_D
ClientSampleId :
VD0719SBSD01

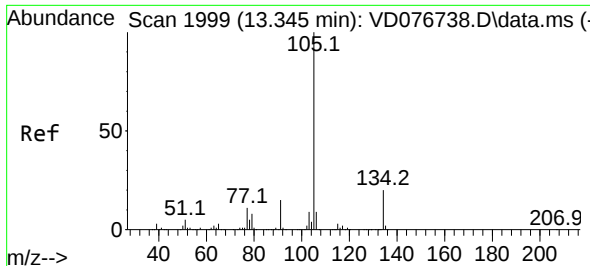
Tgt Ion:119 Resp: 147134
Ion Ratio Lower Upper
119 100
91 60.6 29.3 87.8
134 27.2 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 20.682 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD076786.D
Acq: 19 Jul 2023 13:07

Tgt Ion:105 Resp: 166011
Ion Ratio Lower Upper
105 100
120 45.7 24.3 72.9

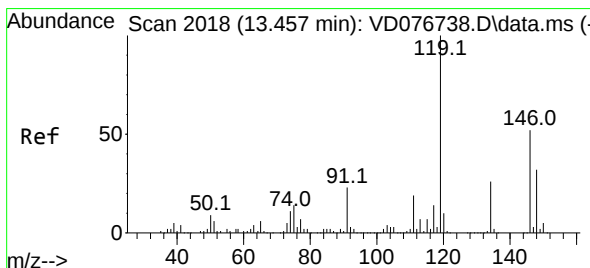
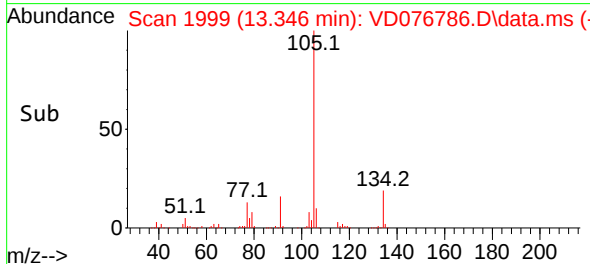
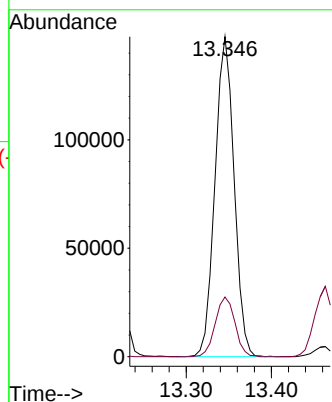
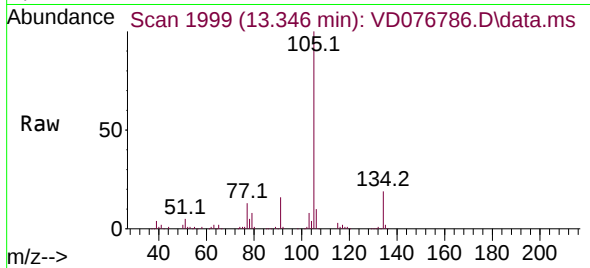




#85
 sec-Butylbenzene
 Concen: 21.788 ug/l
 RT: 13.346 min Scan# 1999
 Delta R.T. 0.001 min
 Lab File: VD076786.D
 Acq: 19 Jul 2023 13:07

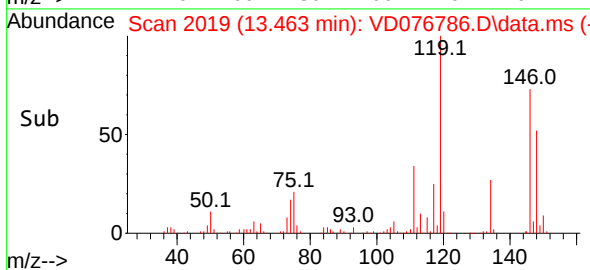
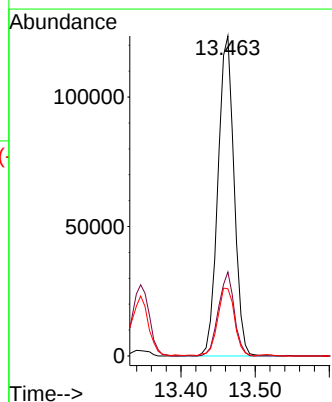
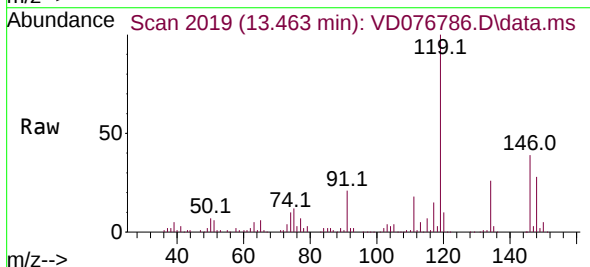
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0719SBSD01

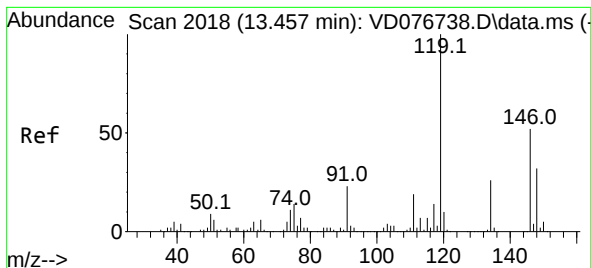
Tgt Ion:105 Resp: 230220
 Ion Ratio Lower Upper
 105 100
 134 19.2 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 21.357 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.006 min
 Lab File: VD076786.D
 Acq: 19 Jul 2023 13:07

Tgt Ion:119 Resp: 186366
 Ion Ratio Lower Upper
 119 100
 134 25.6 14.2 42.6
 91 22.5 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 20.153 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD076786.D

Acq: 19 Jul 2023 13:07

Instrument :

MSVOA_D

ClientSampleId :

VD0719SBSD01

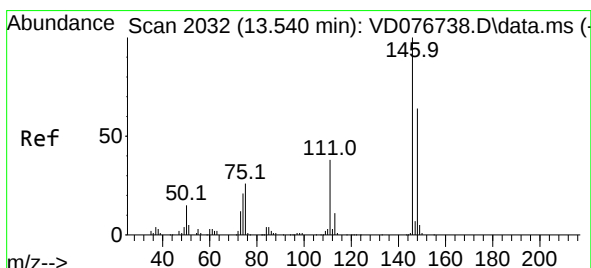
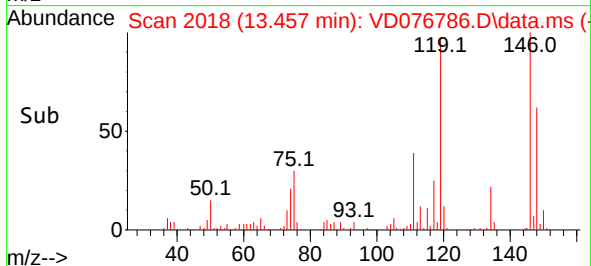
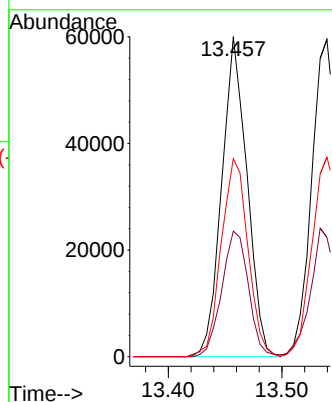
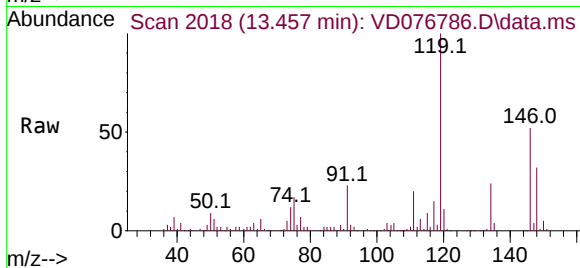
Tgt Ion:146 Resp: 92941

Ion Ratio Lower Upper

146 100

111 41.3 17.9 53.8

148 65.2 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 21.261 ug/l

RT: 13.540 min Scan# 2032

Delta R.T. -0.000 min

Lab File: VD076786.D

Acq: 19 Jul 2023 13:07

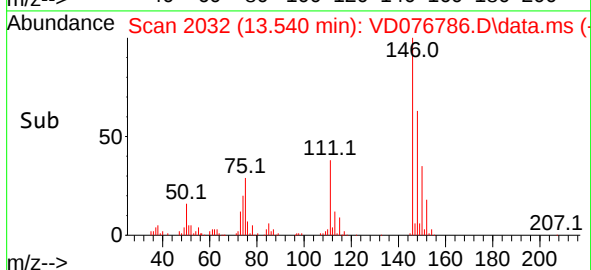
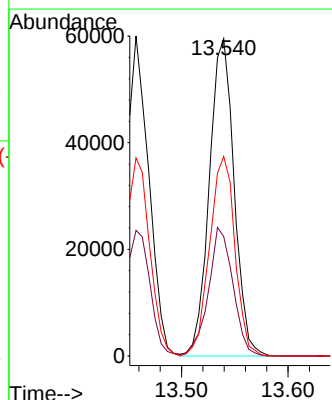
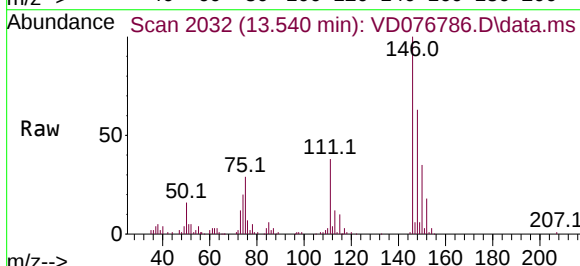
Tgt Ion:146 Resp: 96067

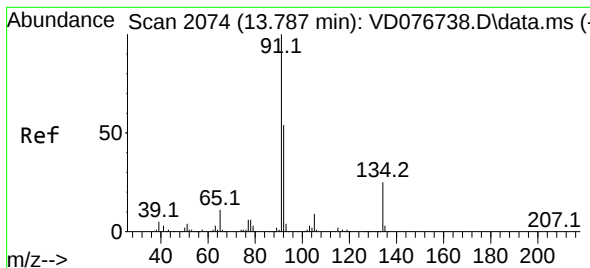
Ion Ratio Lower Upper

146 100

111 40.3 17.4 52.3

148 64.3 31.7 95.1





#89

n-Butylbenzene

Concen: 21.650 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. -0.000 min

Lab File: VD076786.D

Acq: 19 Jul 2023 13:07

Instrument :

MSVOA_D

ClientSampleId :

VD0719SBS01

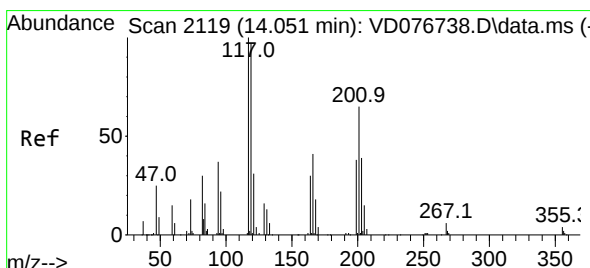
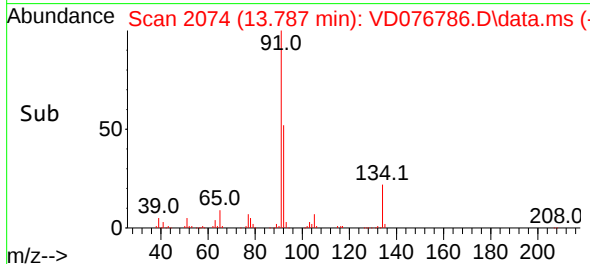
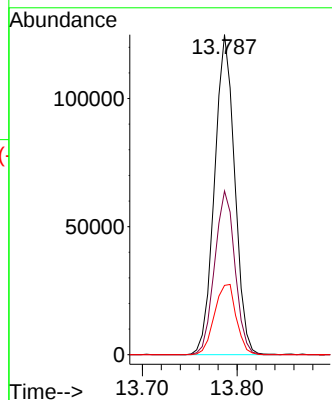
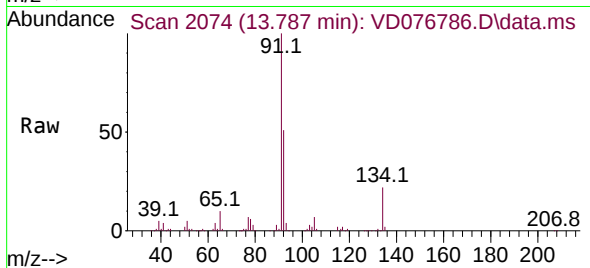
Tgt Ion: 91 Resp: 184869

Ion Ratio Lower Upper

91 100

92 51.6 26.5 79.5

134 23.8 13.8 41.3



#90

Hexachloroethane

Concen: 23.129 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. 0.000 min

Lab File: VD076786.D

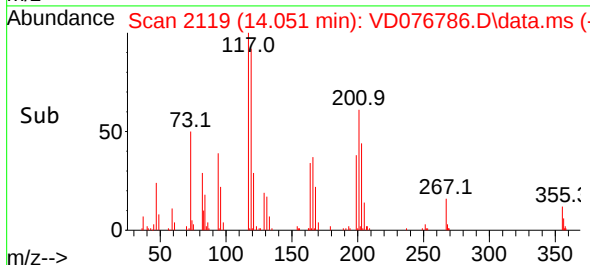
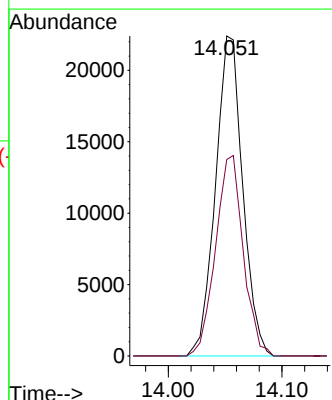
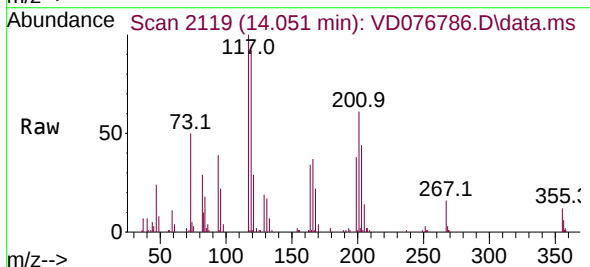
Acq: 19 Jul 2023 13:07

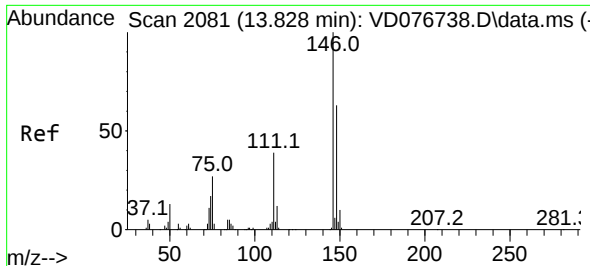
Tgt Ion: 117 Resp: 37314

Ion Ratio Lower Upper

117 100

201 63.7 38.5 115.5

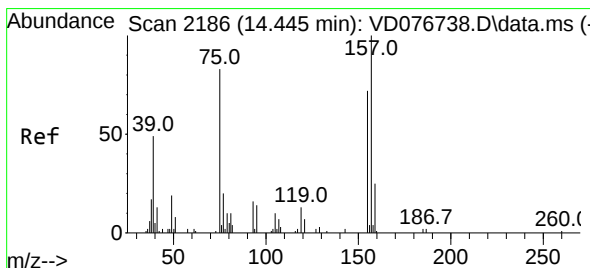
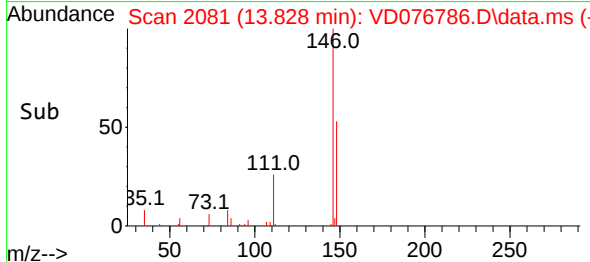
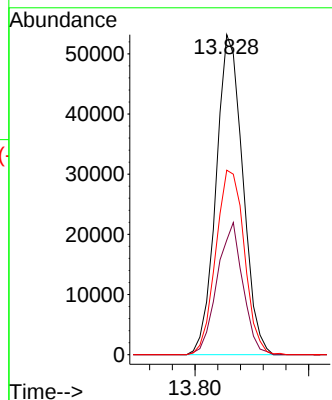
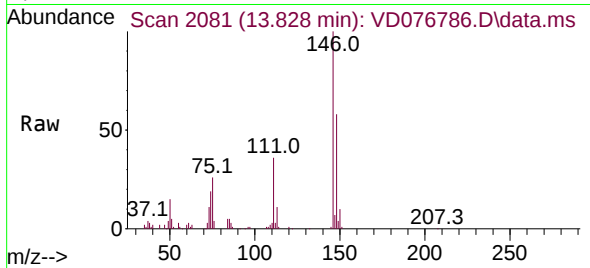




#91
1,2-Dichlorobenzene
Concen: 21.372 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VD076786.D
Acq: 19 Jul 2023 13:07

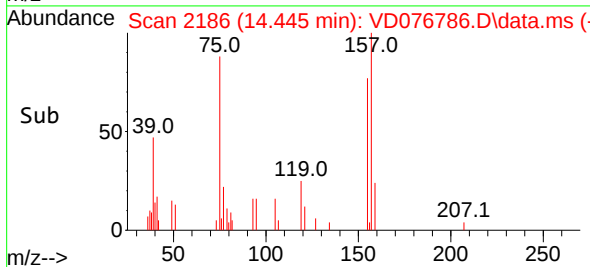
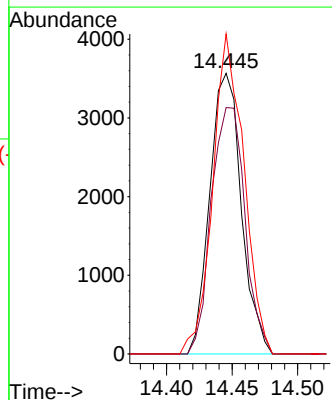
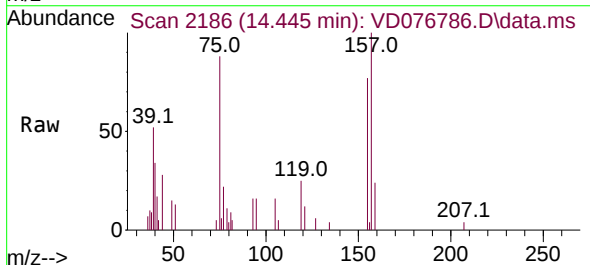
Instrument :
MSVOA_D
ClientSampleId :
VD0719SBSD01

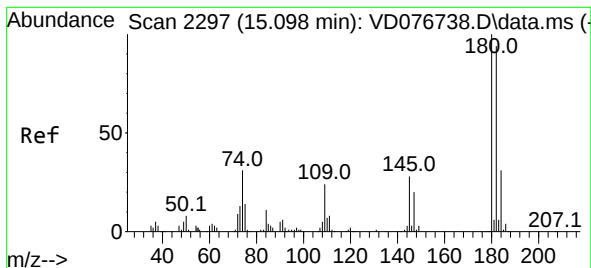
Tgt Ion:146 Resp: 86853
Ion Ratio Lower Upper
146 100
111 39.8 18.3 54.8
148 61.6 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.069 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VD076786.D
Acq: 19 Jul 2023 13:07

Tgt Ion: 75 Resp: 5968
Ion Ratio Lower Upper
75 100
155 93.6 47.9 143.8
157 112.1 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 19.712 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD076786.D

Acq: 19 Jul 2023 13:07

Instrument :

MSVOA_D

ClientSampleId :

VD0719SBSD01

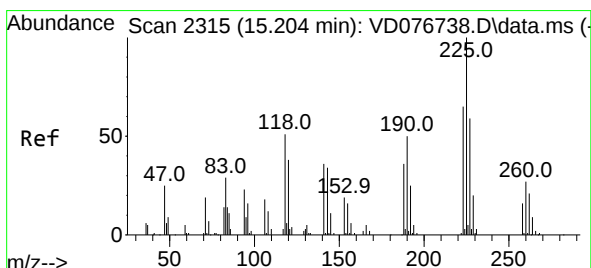
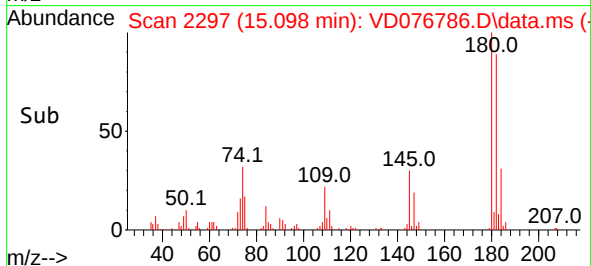
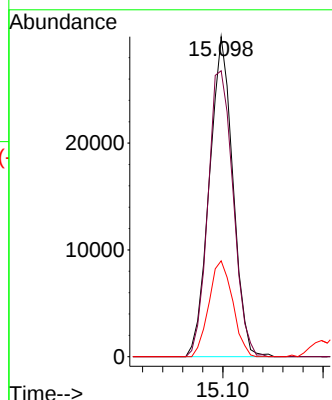
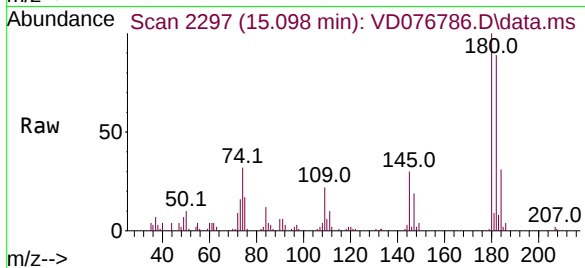
Tgt Ion:180 Resp: 48905

Ion Ratio Lower Upper

180 100

182 95.6 48.5 145.6

145 30.2 14.2 42.6



#94

Hexachlorobutadiene

Concen: 20.656 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD076786.D

Acq: 19 Jul 2023 13:07

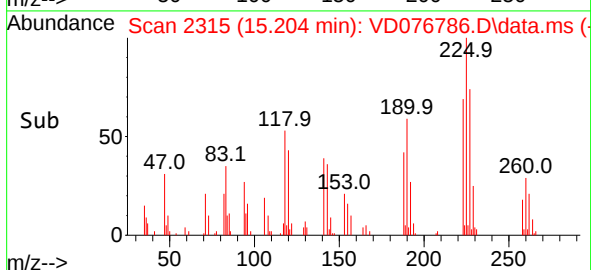
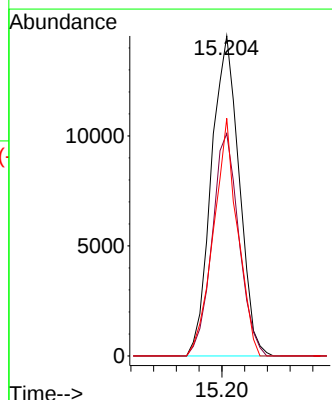
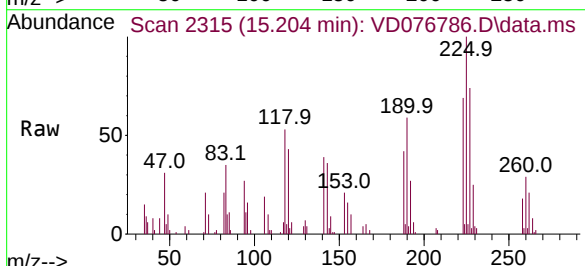
Tgt Ion:225 Resp: 24647

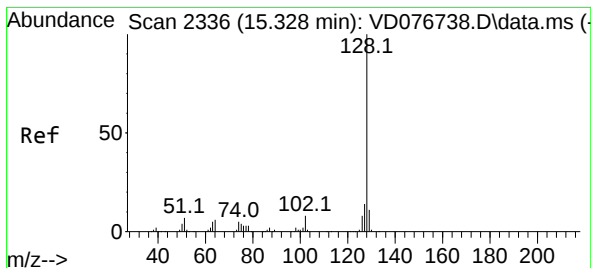
Ion Ratio Lower Upper

225 100

223 67.1 31.6 94.8

227 64.6 31.7 95.1





#95

Naphthalene

Concen: 18.353 ug/l

RT: 15.328 min Scan# 2336

Delta R.T. -0.000 min

Lab File: VD076786.D

Acq: 19 Jul 2023 13:07

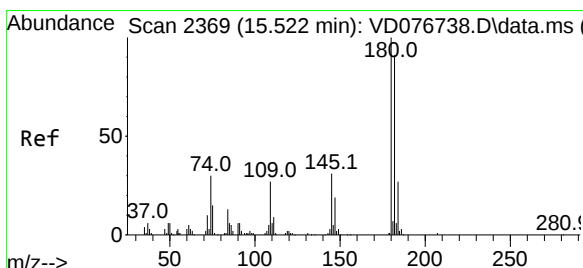
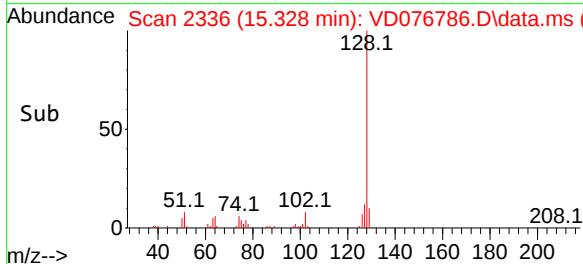
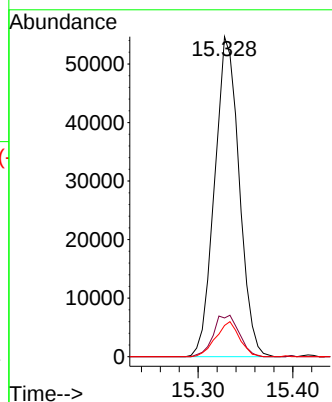
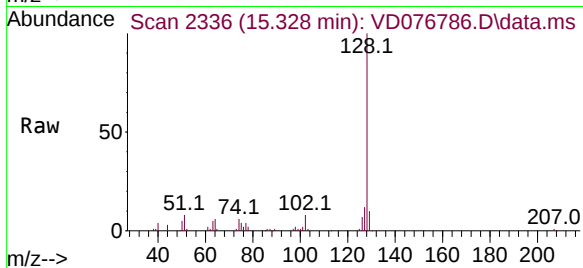
Instrument :

MSVOA_D

ClientSampleId :

VD0719SBSD01

Tgt Ion:128	Resp:	98591
Ion Ratio	Lower	Upper
128	100	
127	12.1	10.5 15.7
129	9.8	8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 20.110 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. -0.000 min

Lab File: VD076786.D

Acq: 19 Jul 2023 13:07

Tgt Ion:180	Resp:	44774
Ion Ratio	Lower	Upper
180	100	
182	91.4	47.3 141.9
145	33.6	15.1 45.3

