

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071923\
 Data File : VD076785.D
 Acq On : 19 Jul 2023 12:39
 Operator : KP/SY
 Sample : VD0719SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0719SBS01

Quant Time: Jul 20 04:57:42 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	165068	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	298538	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	276833	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	125748	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	77770	47.302	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.600%
35) Dibromofluoromethane	7.804	113	92070	49.077	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.160%
50) Toluene-d8	10.269	98	310161	46.215	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.420%
62) 4-Bromofluorobenzene	12.575	95	100710	46.387	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.780%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	31186	24.160	ug/l	95
3) Chloromethane	2.146	50	45857	20.594	ug/l	97
4) Vinyl Chloride	2.281	62	66786	22.500	ug/l	95
5) Bromomethane	2.681	94	52809	21.624	ug/l	99
6) Chloroethane	2.828	64	48892	21.816	ug/l	95
7) Trichlorofluoromethane	3.164	101	63331	23.978	ug/l	94
8) Diethyl Ether	3.587	74	19232	21.149	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.963	101	41246	23.757	ug/l	98
10) Methyl Iodide	4.152	142	41127	21.015	ug/l	90
11) Tert butyl alcohol	5.058	59	11759	95.846	ug/l #	93
12) 1,1-Dichloroethene	3.934	96	36033	22.091	ug/l	98
13) Acrolein	3.787	56	10401	124.404	ug/l	97
14) Allyl chloride	4.552	41	45904	21.423	ug/l	91
15) Acrylonitrile	5.252	53	45227	101.264	ug/l	100
16) Acetone	4.022	43	37779	96.215	ug/l #	78
17) Carbon Disulfide	4.263	76	80574	21.150	ug/l	99
18) Methyl Acetate	4.558	43	31127	21.100	ug/l	94
19) Methyl tert-butyl Ether	5.316	73	88451	20.221	ug/l	98
20) Methylene Chloride	4.799	84	68148	23.737	ug/l	92
21) trans-1,2-Dichloroethene	5.310	96	40966	21.606	ug/l	97
22) Diisopropyl ether	6.210	45	110454	21.769	ug/l	96
23) Vinyl Acetate	6.157	43	259653	103.426	ug/l	94
24) 1,1-Dichloroethane	6.110	63	79095	23.120	ug/l	99
25) 2-Butanone	7.081	43	56458	107.435	ug/l	89
26) 2,2-Dichloropropane	7.075	77	63831	21.645	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	51119	21.871	ug/l	94
28) Bromochloromethane	7.428	49	20868	24.398	ug/l	83
29) Tetrahydrofuran	7.452	42	32206	103.727	ug/l	89
30) Chloroform	7.599	83	85085	22.708	ug/l	88
31) Cyclohexane	7.875	56	56486	23.345	ug/l	97
32) 1,1,1-Trichloroethane	7.793	97	69898	23.121	ug/l	98
36) 1,1-Dichloropropene	8.004	75	55494	22.637	ug/l	96
37) Ethyl Acetate	7.169	43	21184	19.323	ug/l #	92
38) Carbon Tetrachloride	7.993	117	54941	23.406	ug/l	92
39) Methylcyclohexane	9.269	83	65004	22.965	ug/l	96
40) Benzene	8.251	78	170068	21.987	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	15035	22.458	ug/l #	85
42) 1,2-Dichloroethane	8.328	62	46270	23.022	ug/l	97
43) Isopropyl Acetate	8.363	43	44119	20.620	ug/l #	79
44) Trichloroethene	9.028	130	45666	21.665	ug/l	98
45) 1,2-Dichloropropane	9.304	63	44194	22.134	ug/l	95
46) Dibromomethane	9.398	93	25388	21.723	ug/l	91
47) Bromodichloromethane	9.587	83	66823	22.784	ug/l	99
48) Methyl methacrylate	9.381	41	20248	20.793	ug/l	85
49) 1,4-Dioxane	9.387	88	5989	399.962	ug/l #	88
51) 4-Methyl-2-Pentanone	10.163	43	119051	104.506	ug/l	93
52) Toluene	10.334	92	112503	22.145	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	56069	20.596	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	69445	21.645	ug/l #	88
55) 1,1,2-Trichloroethane	10.728	97	38143	22.350	ug/l	95
56) Ethyl methacrylate	10.598	69	40677	20.650	ug/l	91
57) 1,3-Dichloropropane	10.881	76	60626	21.813	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	78642	103.141	ug/l	97
59) 2-Hexanone	10.922	43	84065	103.420	ug/l	91
60) Dibromochloromethane	11.075	129	43610	21.996	ug/l	98
61) 1,2-Dibromoethane	11.175	107	32713	20.675	ug/l	95
64) Tetrachloroethene	10.810	164	36898	23.375	ug/l	93
65) Chlorobenzene	11.604	112	121254	21.778	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	45088	21.751	ug/l	99
67) Ethyl Benzene	11.681	91	215543	22.044	ug/l	99
68) m/p-Xylenes	11.792	106	165632	44.106	ug/l	93
69) o-Xylene	12.122	106	78197	21.533	ug/l	90
70) Styrene	12.134	104	137040	21.557	ug/l	98
71) Bromoform	12.298	173	25562	22.516	ug/l #	94
73) Isopropylbenzene	12.422	105	209059	22.915	ug/l	96
74) N-amyl acetate	12.234	43	42831	22.285	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.675	83	45353	23.153	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	21284m	17.798	ug/l	
77) Bromobenzene	12.698	156	48718	23.134	ug/l	86
78) n-propylbenzene	12.763	91	259610	23.472	ug/l	95
79) 2-Chlorotoluene	12.851	91	140271	23.130	ug/l	94
80) 1,3,5-Trimethylbenzene	12.904	105	172468	23.379	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.469	75	12422	22.107	ug/l	97
82) 4-Chlorotoluene	12.945	91	146161	23.070	ug/l	94
83) tert-Butylbenzene	13.169	119	152082	23.414	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	169291	22.457	ug/l	96
85) sec-Butylbenzene	13.345	105	235783	23.759	ug/l	94
86) p-Isopropyltoluene	13.463	119	188568	23.008	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	96806	22.350	ug/l	96
88) 1,4-Dichlorobenzene	13.534	146	97522	22.980	ug/l	96
89) n-Butylbenzene	13.786	91	185971	23.189	ug/l	97
90) Hexachloroethane	14.057	117	38474	25.392	ug/l	81
91) 1,2-Dichlorobenzene	13.828	146	83928	21.990	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.445	75	5548	19.864	ug/l	94
93) 1,2,4-Trichlorobenzene	15.098	180	50843	21.820	ug/l	100
94) Hexachlorobutadiene	15.204	225	26826	23.938	ug/l	93
95) Naphthalene	15.328	128	104324	20.678	ug/l	99
96) 1,2,3-Trichlorobenzene	15.516	180	45200	21.616	ug/l	98

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QLast Update : Mon Jul 17 08:07:52 2023
Response via : Initial Calibration

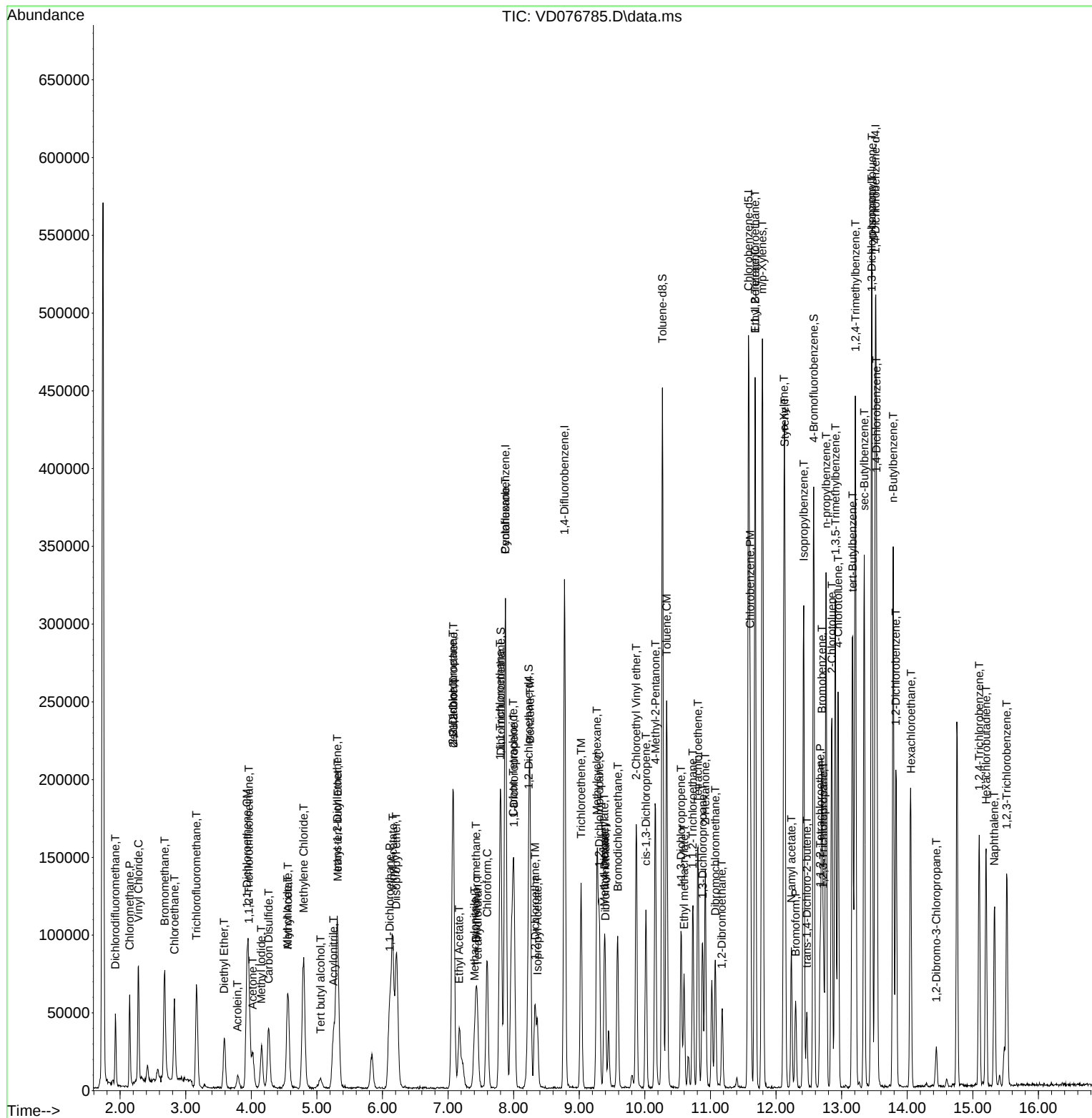
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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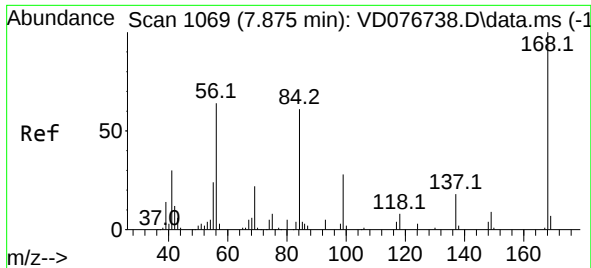
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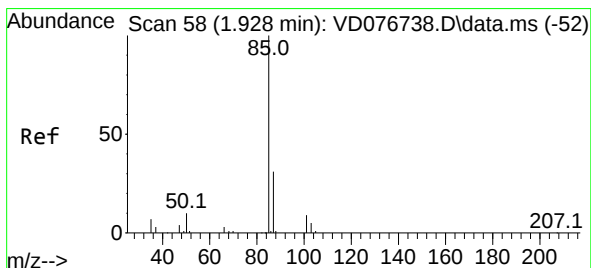
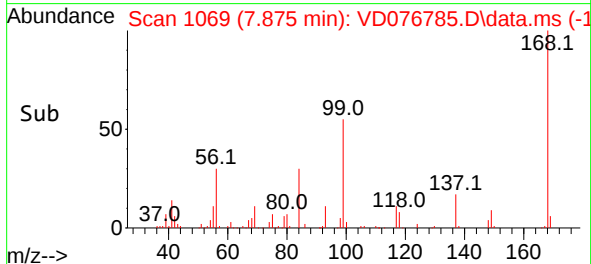
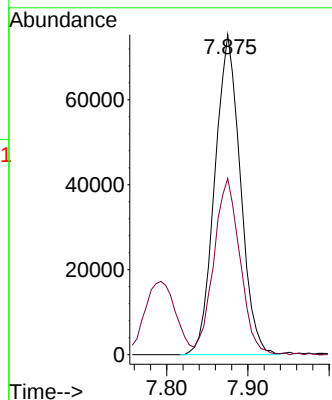
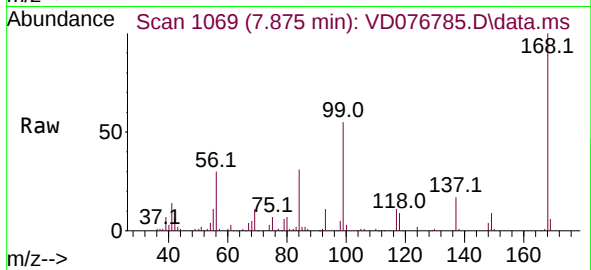




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076785.D
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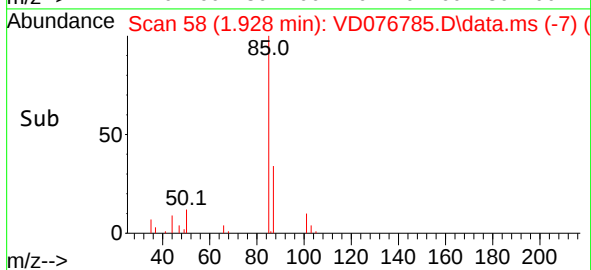
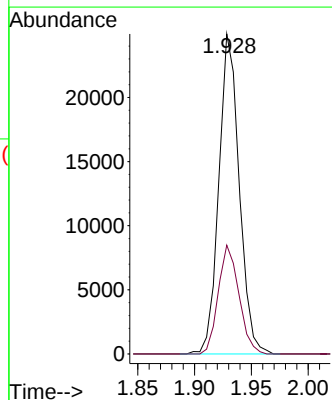
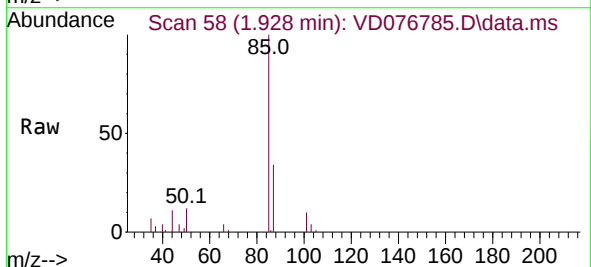
Instrument :
MSVOA_D
ClientSampleId :
VD0719SBS01

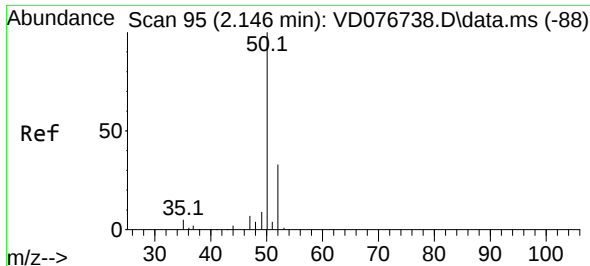
Tgt Ion:168 Resp: 165068
Ion Ratio Lower Upper
168 100
99 54.7 36.7 55.1



#2
Dichlorodifluoromethane
Concen: 24.160 ug/l
RT: 1.928 min Scan# 58
Delta R.T. 0.000 min
Lab File: VD076785.D
Acq: 19 Jul 2023 12:39

Tgt Ion: 85 Resp: 31186
Ion Ratio Lower Upper
85 100
87 34.0 15.7 47.0

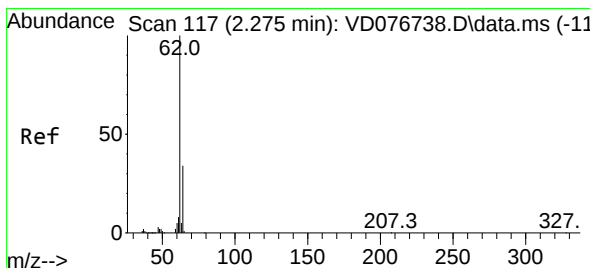
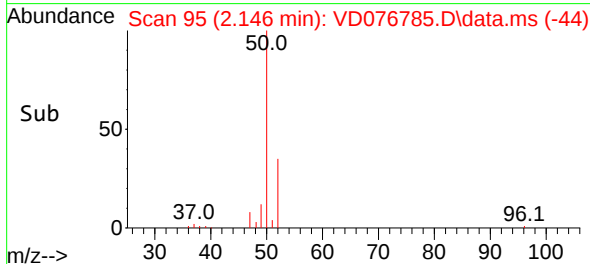
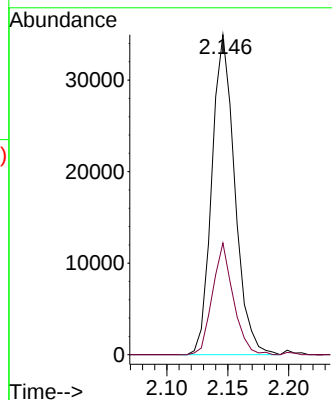
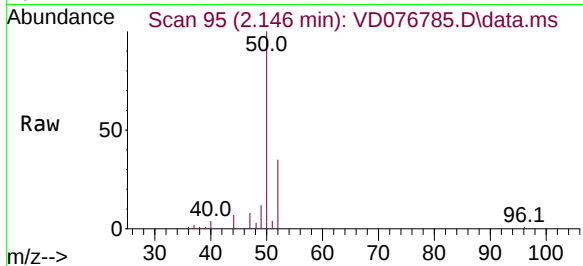




#3
Chloromethane
Concen: 20.594 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076785.D
Acq: 19 Jul 2023 12:39

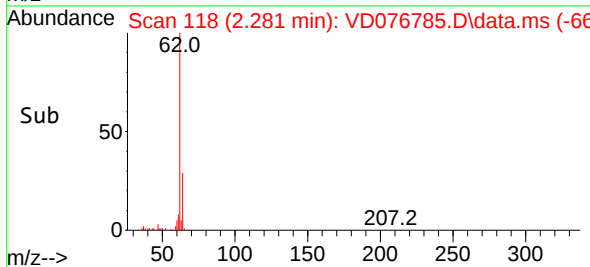
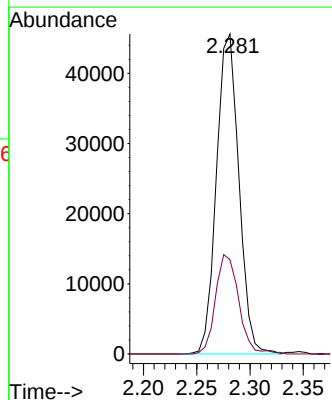
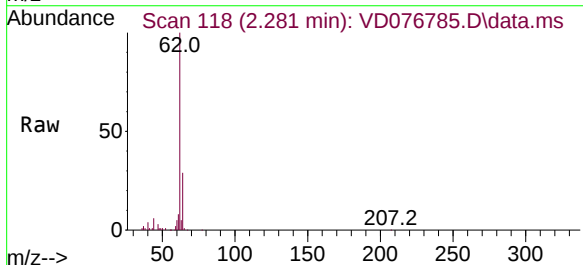
Instrument :
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ClientSampleId :
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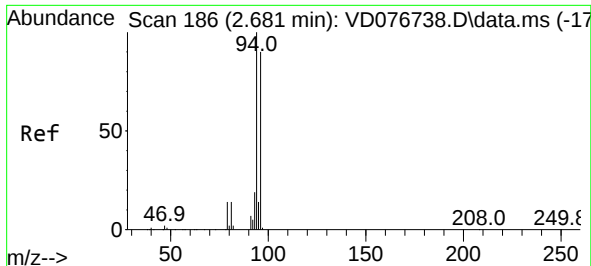
Tgt Ion: 50 Resp: 45857
Ion Ratio Lower Upper
50 100
52 34.9 26.6 40.0



#4
Vinyl Chloride
Concen: 22.500 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.006 min
Lab File: VD076785.D
Acq: 19 Jul 2023 12:39

Tgt Ion: 62 Resp: 66786
Ion Ratio Lower Upper
62 100
64 29.5 26.0 39.0

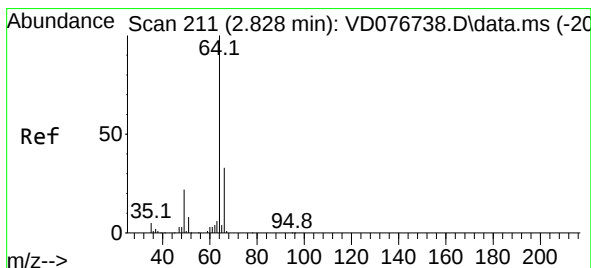
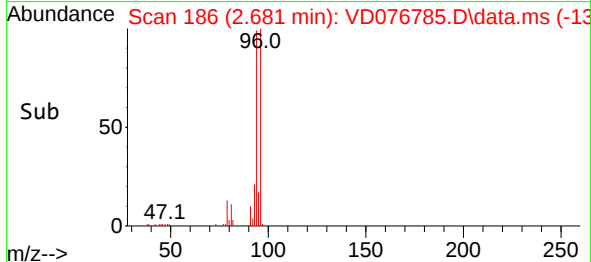
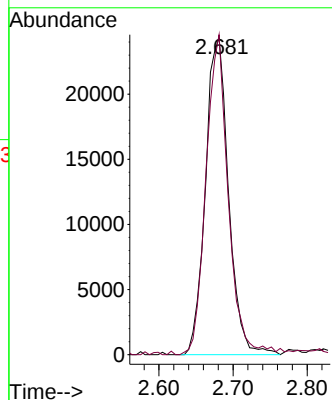
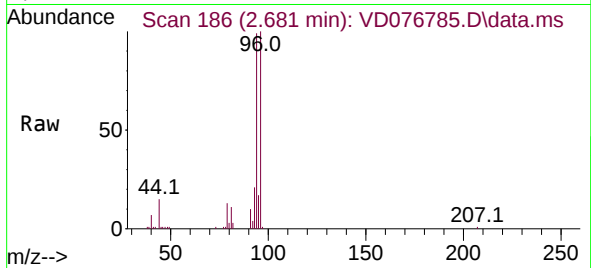




#5
Bromomethane
Concen: 21.624 ug/l
RT: 2.681 min Scan# 186
Delta R.T. 0.000 min
Lab File: VD076785.D
Acq: 19 Jul 2023 12:39

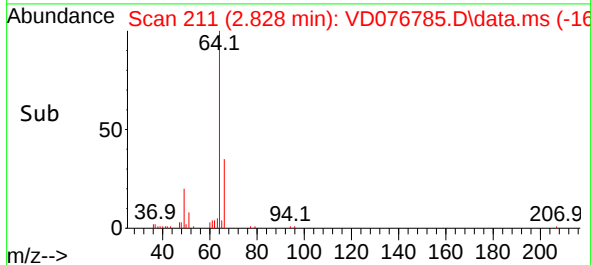
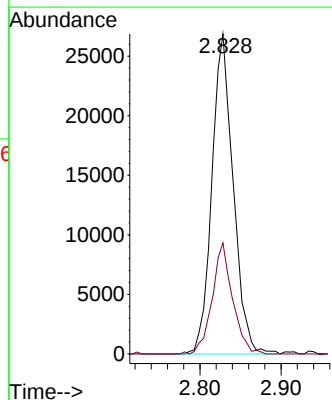
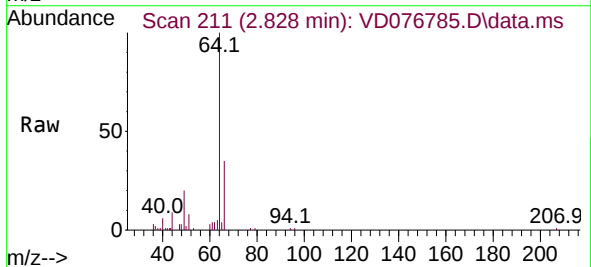
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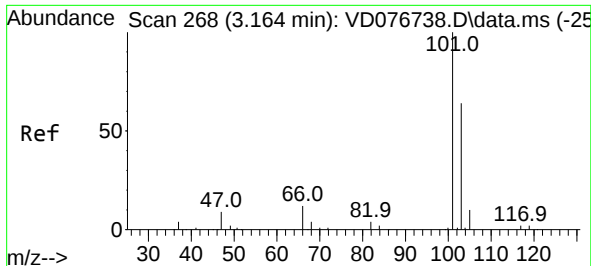
Tgt Ion: 94 Resp: 52809
Ion Ratio Lower Upper
94 100
96 95.5 75.8 113.8



#6
Chloroethane
Concen: 21.816 ug/l
RT: 2.828 min Scan# 211
Delta R.T. 0.000 min
Lab File: VD076785.D
Acq: 19 Jul 2023 12:39

Tgt Ion: 64 Resp: 48892
Ion Ratio Lower Upper
64 100
66 34.7 25.5 38.3

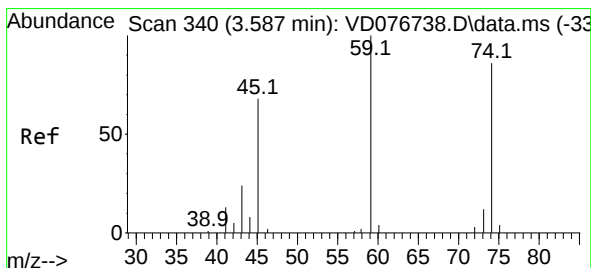
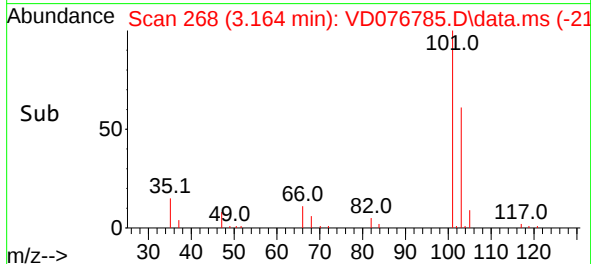
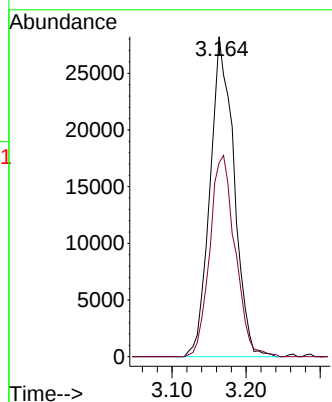
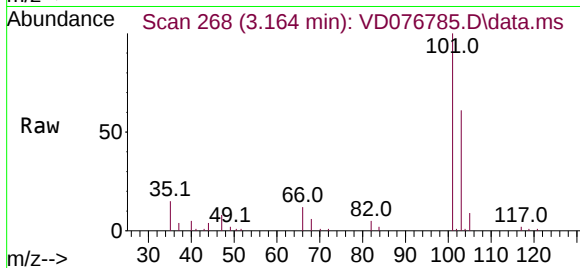




#7
Trichlorofluoromethane
Concen: 23.978 ug/l
RT: 3.164 min Scan# 201
Delta R.T. -0.000 min
Lab File: VD076785.D
Acq: 19 Jul 2023 12:39

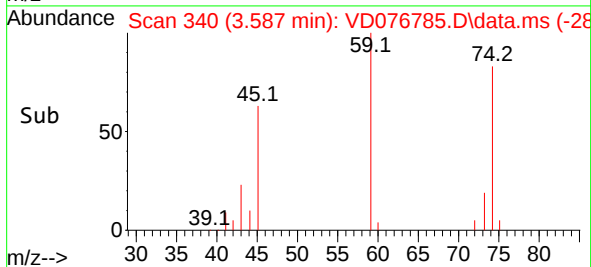
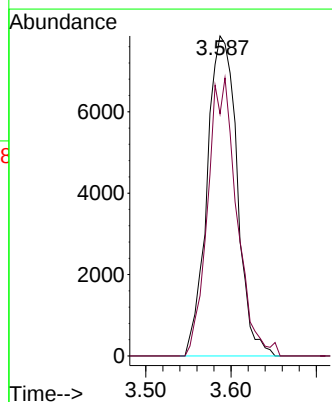
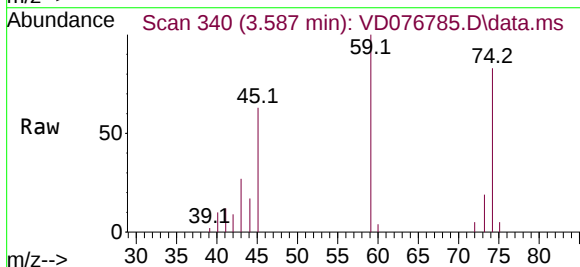
Instrument :
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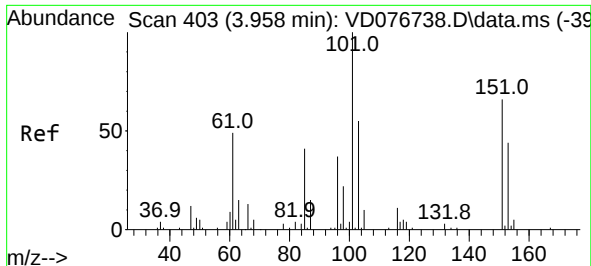
Tgt Ion:101 Resp: 63331
Ion Ratio Lower Upper
101 100
103 60.6 52.3 78.5



#8
Diethyl Ether
Concen: 21.149 ug/l
RT: 3.587 min Scan# 340
Delta R.T. 0.000 min
Lab File: VD076785.D
Acq: 19 Jul 2023 12:39

Tgt Ion: 74 Resp: 19232
Ion Ratio Lower Upper
74 100
45 84.6 37.5 112.7

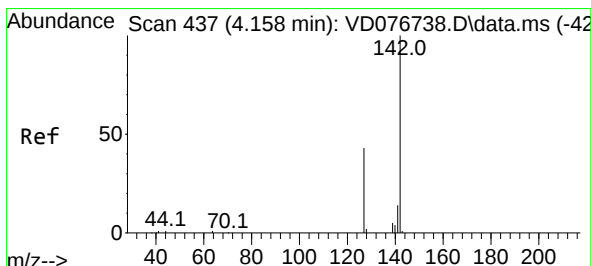
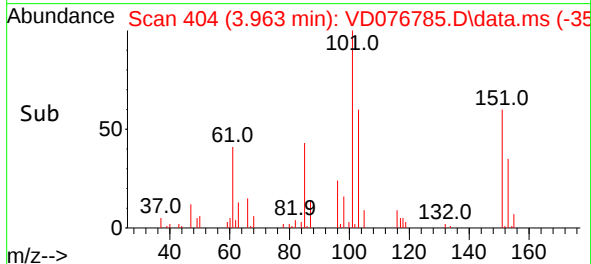
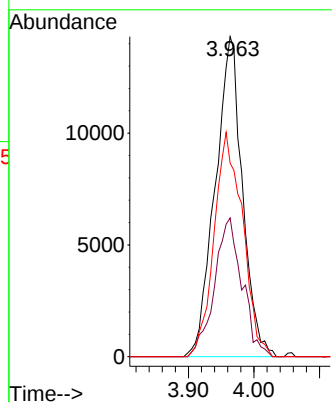
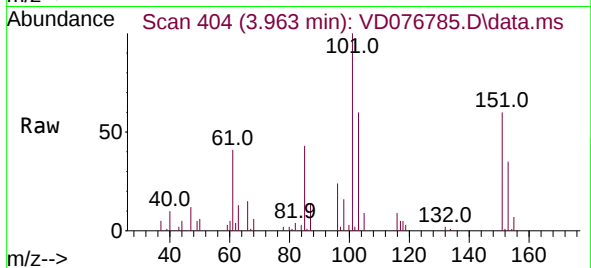




#9
1,1,2-Trichlorotrifluoroethane
Concen: 23.757 ug/l
RT: 3.963 min Scan# 403
Delta R.T. 0.005 min
Lab File: VD076785.D
Acq: 19 Jul 2023 12:39

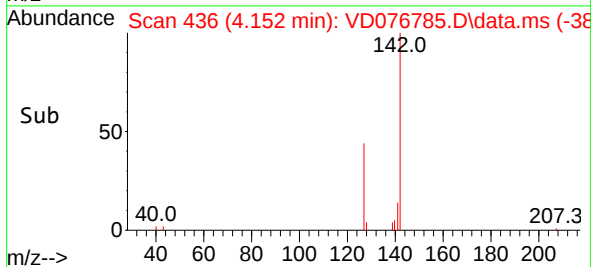
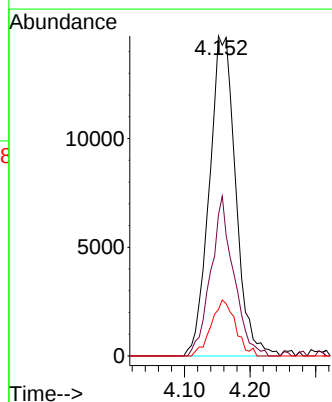
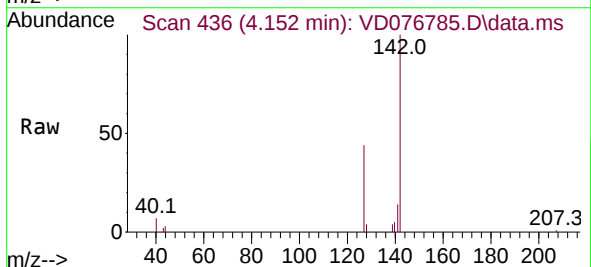
Instrument :
MSVOA_D
ClientSampleId :
VD0719SBS01

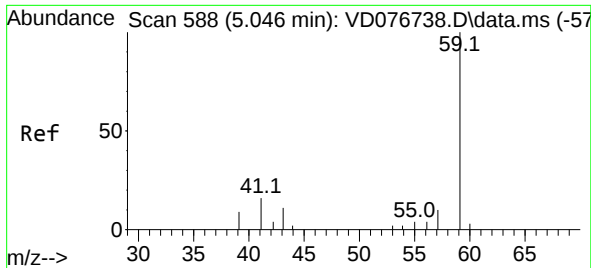
Tgt Ion:101 Resp: 41246
Ion Ratio Lower Upper
101 100
85 44.0 33.8 50.6
151 73.4 59.8 89.6



#10
Methyl Iodide
Concen: 21.015 ug/l
RT: 4.152 min Scan# 436
Delta R.T. -0.006 min
Lab File: VD076785.D
Acq: 19 Jul 2023 12:39

Tgt Ion:142 Resp: 41127
Ion Ratio Lower Upper
142 100
127 43.4 29.4 44.0
141 16.2 11.1 16.7

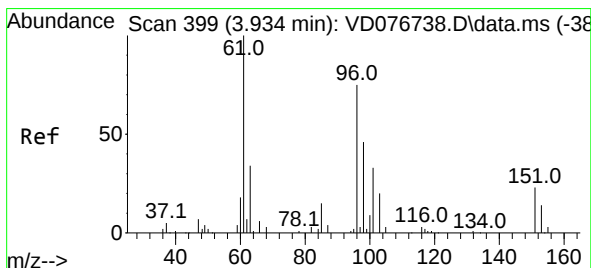
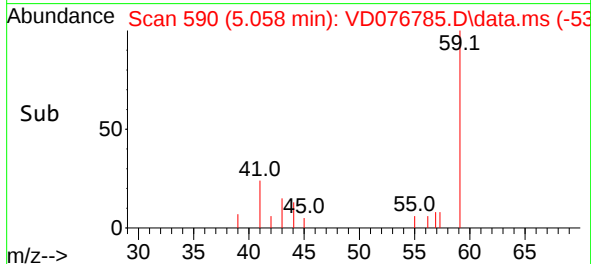
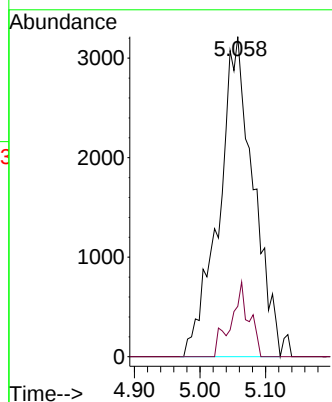
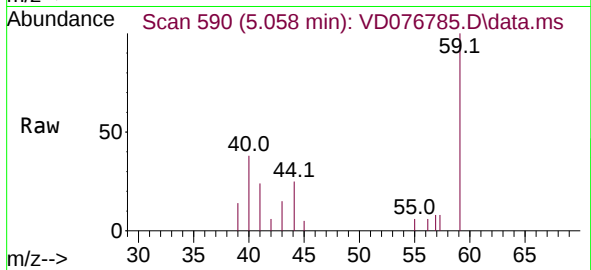




#11
Tert butyl alcohol
Concen: 95.846 ug/l
RT: 5.058 min Scan# 590
Delta R.T. 0.012 min
Lab File: VD076785.D
Acq: 19 Jul 2023 12:39

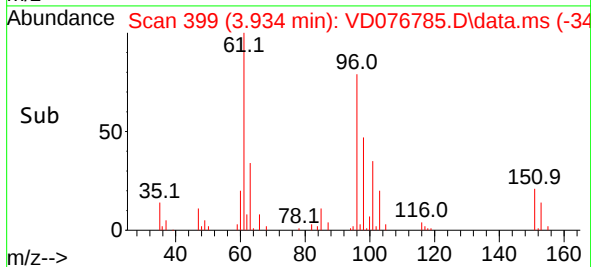
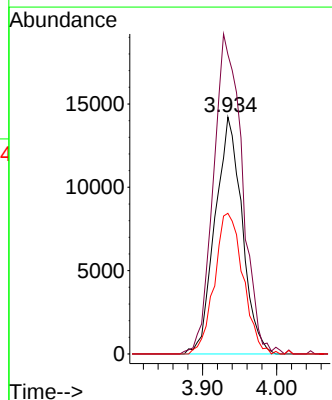
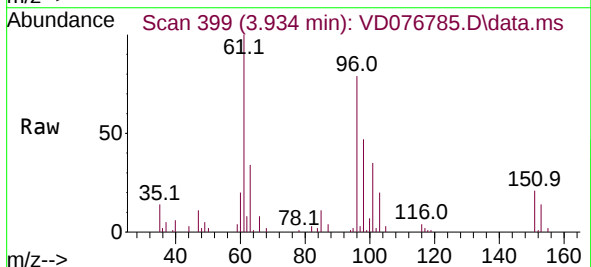
Instrument :
MSVOA_D
ClientSampleId :
VD0719SBS01

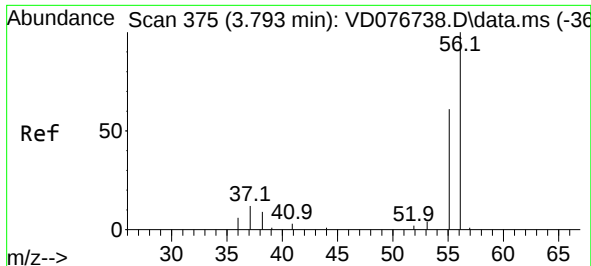
Tgt Ion: 59 Resp: 11759
Ion Ratio Lower Upper
59 100
57 12.3 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 22.091 ug/l
RT: 3.934 min Scan# 399
Delta R.T. 0.000 min
Lab File: VD076785.D
Acq: 19 Jul 2023 12:39

Tgt Ion: 96 Resp: 36033
Ion Ratio Lower Upper
96 100
61 126.3 100.6 150.8
98 59.3 50.2 75.2

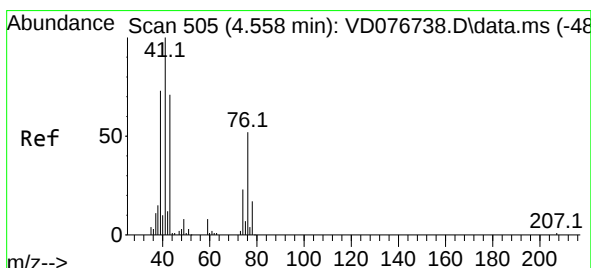
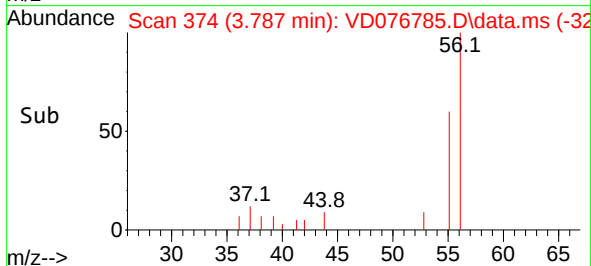
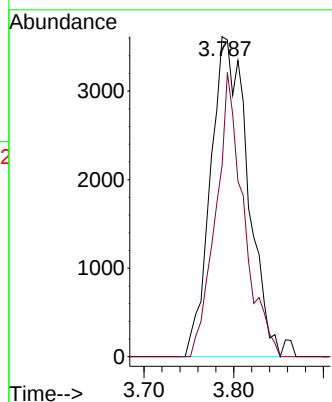
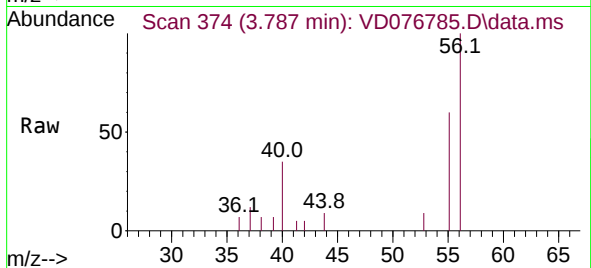




#13
Acrolein
Concen: 124.404 ug/l
RT: 3.787 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD076785.D
Acq: 19 Jul 2023 12:39

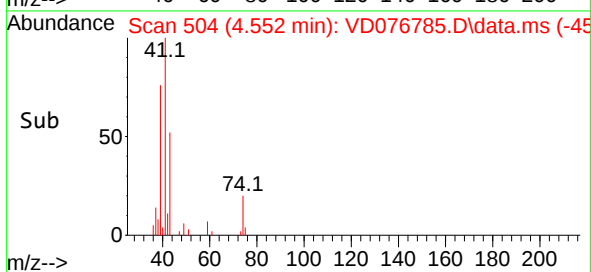
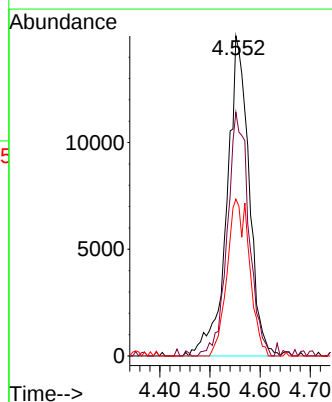
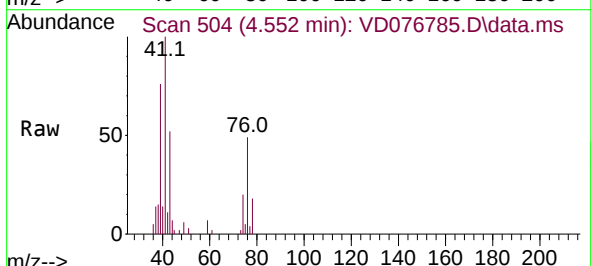
Instrument :
MSVOA_D
ClientSampleId :
VD0719SBS01

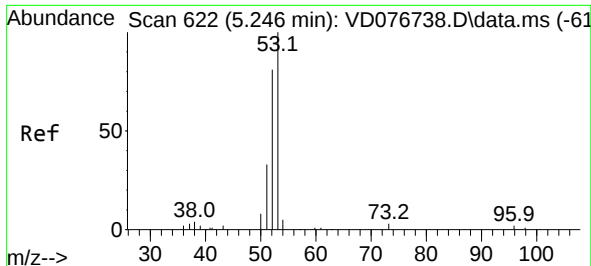
Tgt Ion: 56 Resp: 10401
Ion Ratio Lower Upper
56 100
55 66.6 55.1 82.7



#14
Allyl chloride
Concen: 21.423 ug/l
RT: 4.552 min Scan# 504
Delta R.T. -0.006 min
Lab File: VD076785.D
Acq: 19 Jul 2023 12:39

Tgt Ion: 41 Resp: 45904
Ion Ratio Lower Upper
41 100
39 74.2 53.8 80.6
76 49.7 45.8 68.8

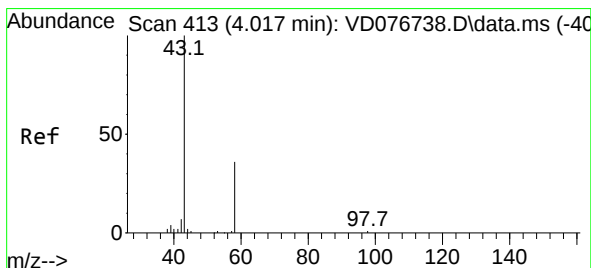
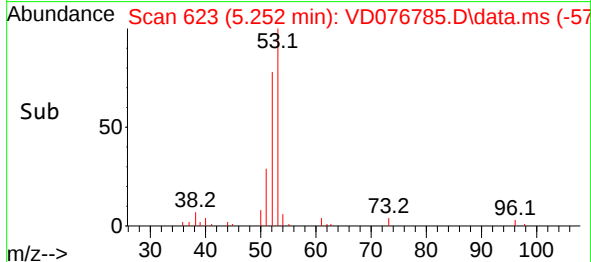
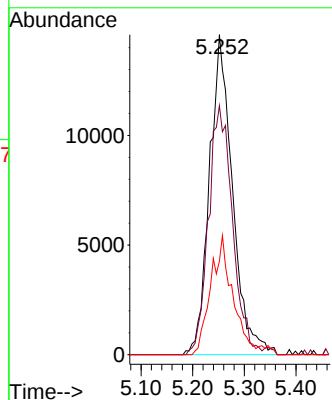
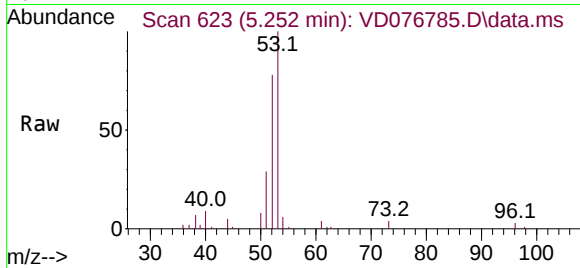




#15
Acrylonitrile
Concen: 101.264 ug/l
RT: 5.252 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD076785.D
Acq: 19 Jul 2023 12:39

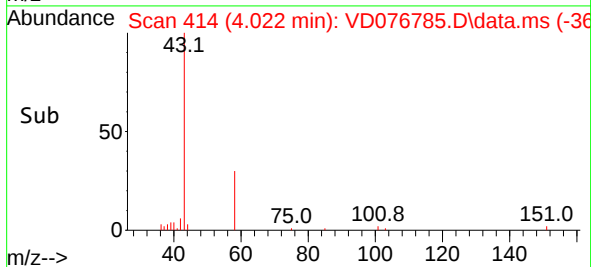
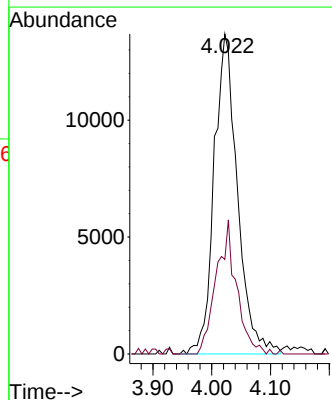
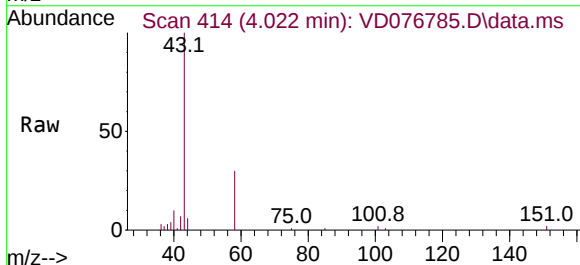
Instrument :
MSVOA_D
ClientSampleId :
VD0719SBS01

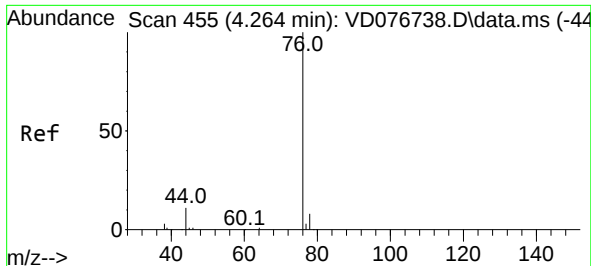
Tgt Ion:	53	Resp:	45227
Ion	Ratio	Lower	Upper
53	100		
52	81.0	65.0	97.4
51	35.5	28.3	42.5



#16
Acetone
Concen: 96.215 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.005 min
Lab File: VD076785.D
Acq: 19 Jul 2023 12:39

Tgt Ion:	43	Resp:	37779
Ion	Ratio	Lower	Upper
43	100		
58	29.5	34.7	52.1#

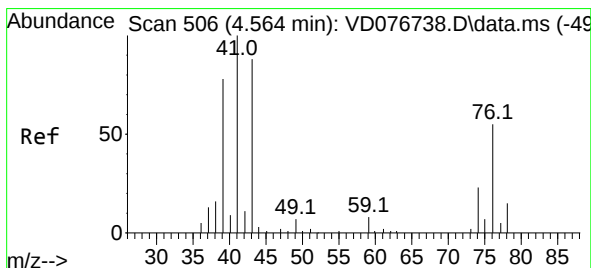
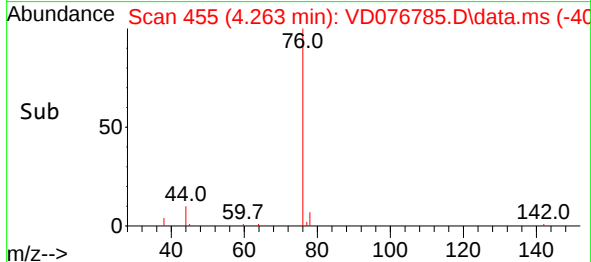
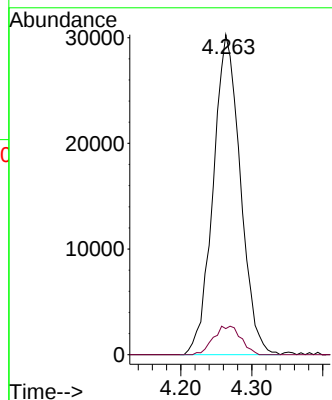
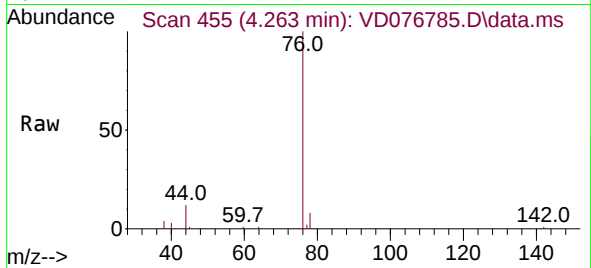




#17
Carbon Disulfide
Concen: 21.150 ug/l
RT: 4.263 min Scan# 41
Delta R.T. -0.001 min
Lab File: VD076785.D
Acq: 19 Jul 2023 12:39

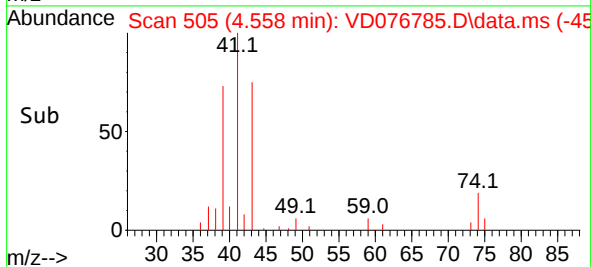
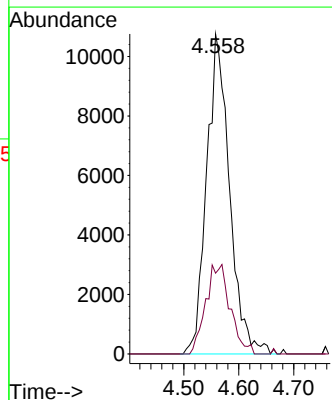
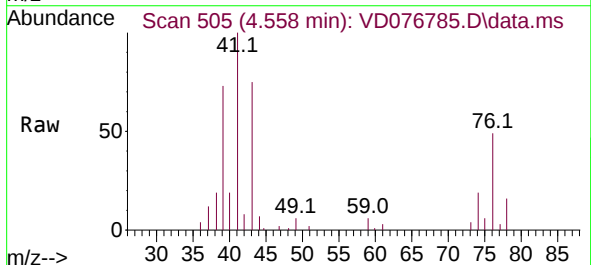
Instrument :
MSVOA_D
ClientSampleId :
VD0719SBS01

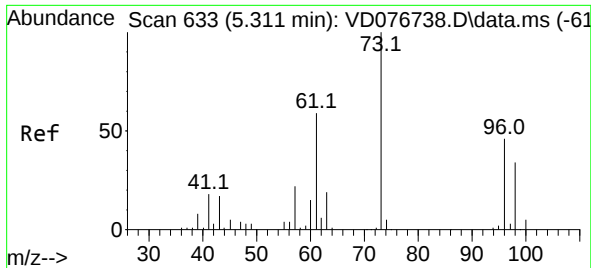
Tgt Ion: 76 Resp: 80574
Ion Ratio Lower Upper
76 100
78 8.2 6.8 10.2



#18
Methyl Acetate
Concen: 21.100 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.006 min
Lab File: VD076785.D
Acq: 19 Jul 2023 12:39

Tgt Ion: 43 Resp: 31127
Ion Ratio Lower Upper
43 100
74 29.8 26.4 39.6

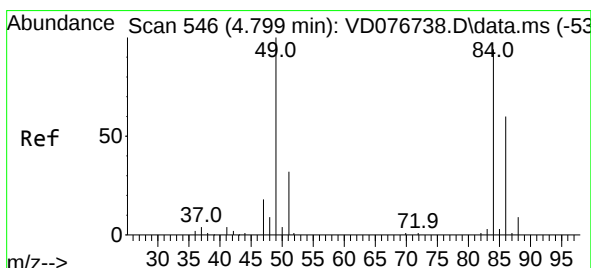
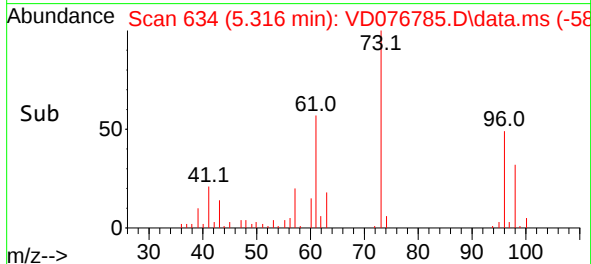
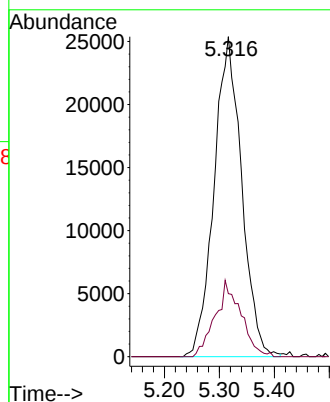
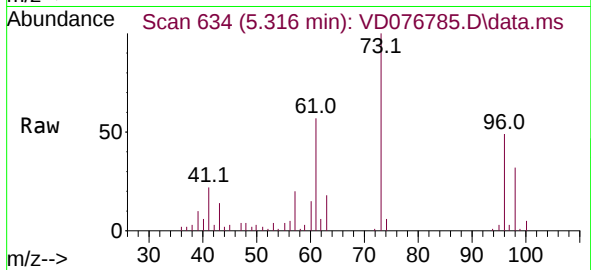




#19
Methyl tert-butyl Ether
Concen: 20.221 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.005 min
Lab File: VD076785.D
Acq: 19 Jul 2023 12:39

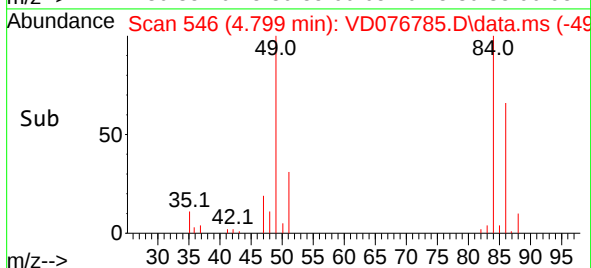
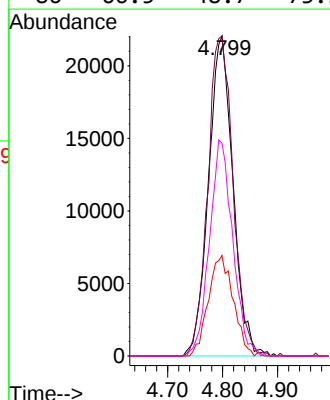
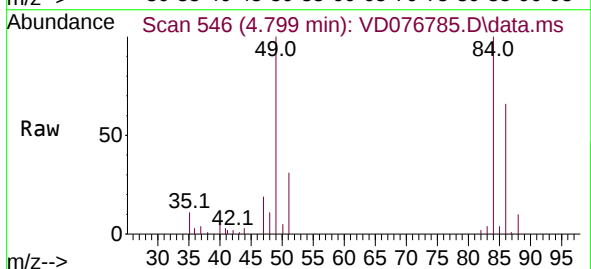
Instrument :
MSVOA_D
ClientSampleId :
VD0719SBS01

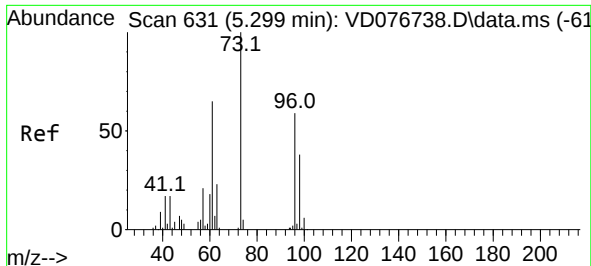
Tgt Ion: 73 Resp: 88451
Ion Ratio Lower Upper
73 100
57 19.7 16.6 25.0



#20
Methylene Chloride
Concen: 23.737 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD076785.D
Acq: 19 Jul 2023 12:39

Tgt Ion: 84 Resp: 68148
Ion Ratio Lower Upper
84 100
49 100.1 71.4 107.2
51 31.4 24.5 36.7
86 66.5 48.7 73.1

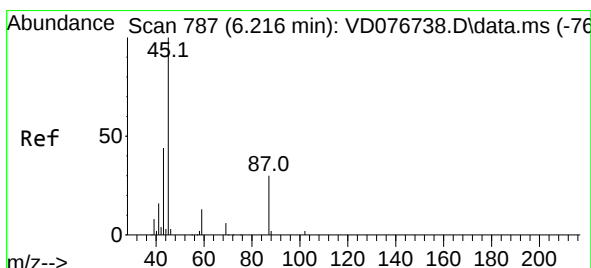
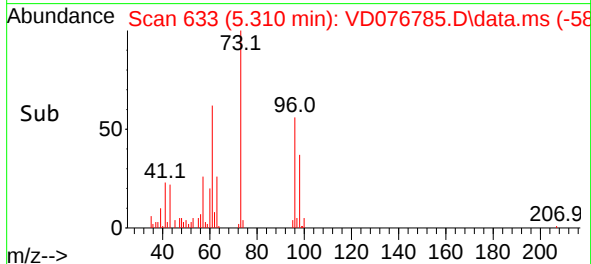
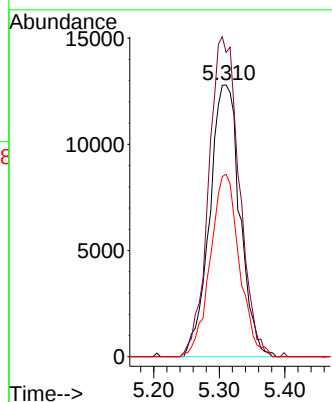
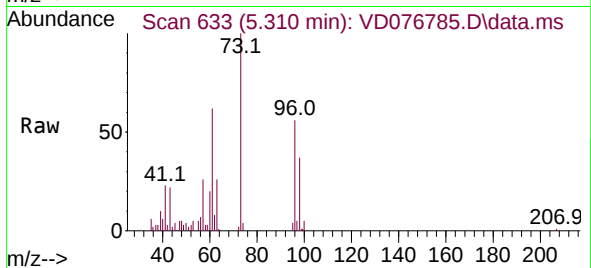




#21
trans-1,2-Dichloroethene
Concen: 21.606 ug/l
RT: 5.310 min Scan# 61
Delta R.T. 0.011 min
Lab File: VD076785.D
Acq: 19 Jul 2023 12:39

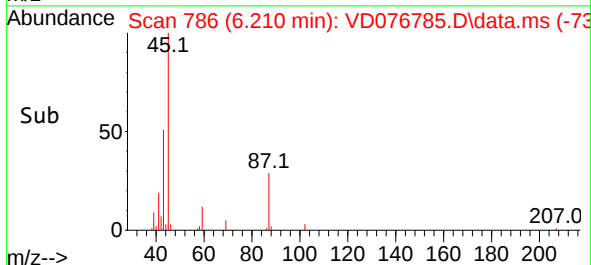
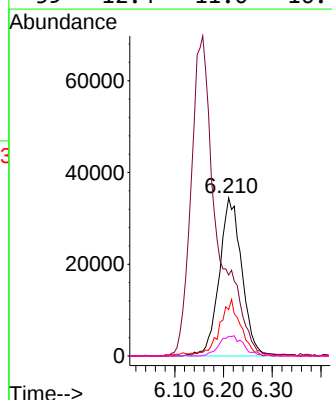
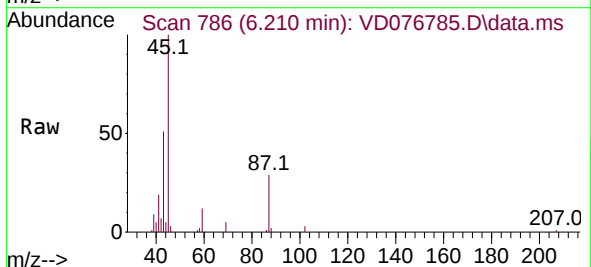
Instrument :
MSVOA_D
ClientSampleId :
VD0719SBS01

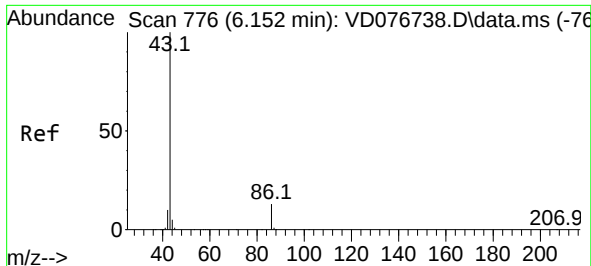
Tgt Ion: 96 Resp: 40966
Ion Ratio Lower Upper
96 100
61 112.0 89.3 133.9
98 67.1 48.6 73.0



#22
Diisopropyl ether
Concen: 21.769 ug/l
RT: 6.210 min Scan# 786
Delta R.T. -0.006 min
Lab File: VD076785.D
Acq: 19 Jul 2023 12:39

Tgt Ion: 45 Resp: 110454
Ion Ratio Lower Upper
45 100
43 50.2 40.0 60.0
87 29.2 28.2 42.4
59 12.4 11.0 16.4

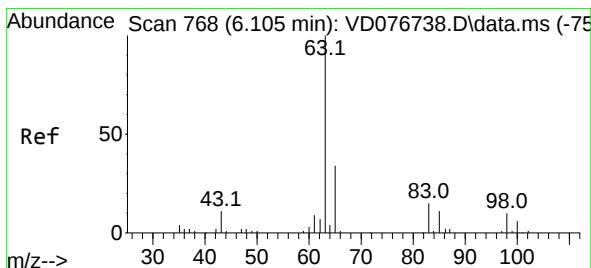
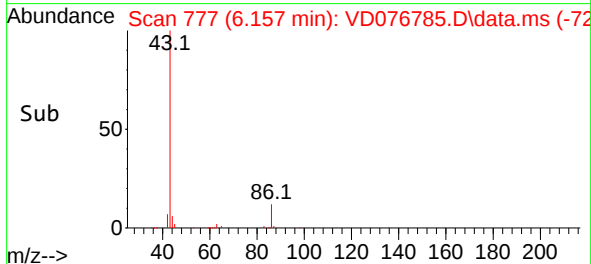
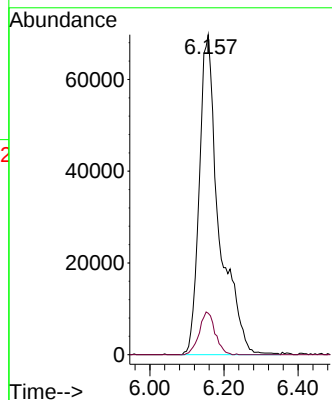
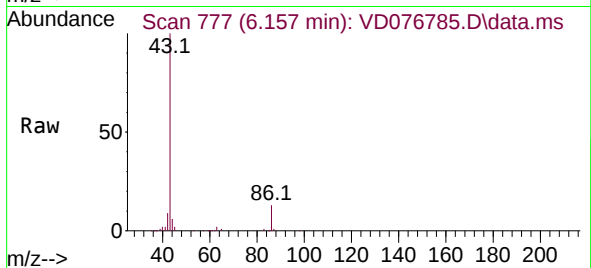




#23
 Vinyl Acetate
 Concen: 103.426 ug/l
 RT: 6.157 min Scan# 71
 Delta R.T. 0.005 min
 Lab File: VD076785.D
 Acq: 19 Jul 2023 12:39

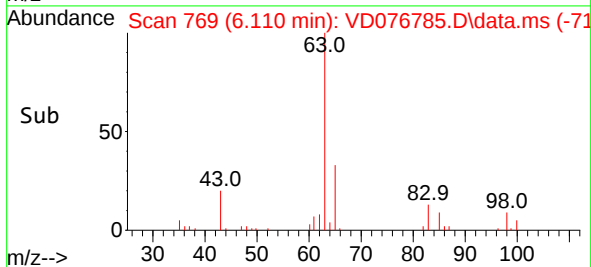
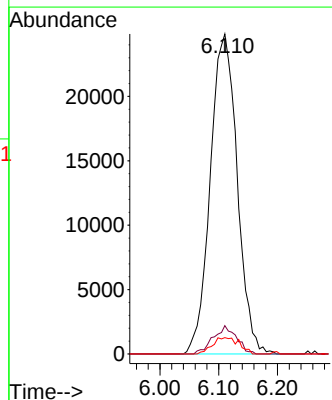
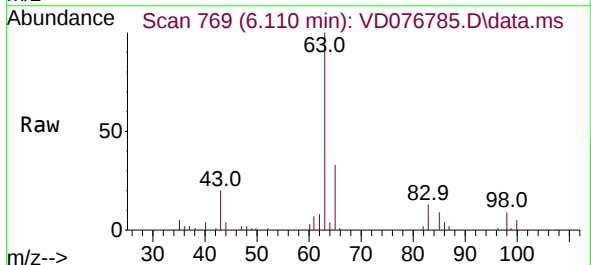
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0719SBS01

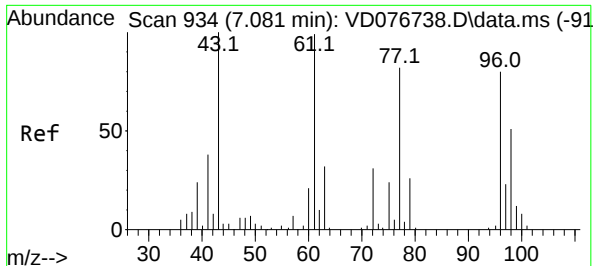
Tgt Ion: 43 Resp: 259653
 Ion Ratio Lower Upper
 43 100
 86 13.0 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 23.120 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. 0.005 min
 Lab File: VD076785.D
 Acq: 19 Jul 2023 12:39

Tgt Ion: 63 Resp: 79095
 Ion Ratio Lower Upper
 63 100
 98 8.8 4.5 13.7
 100 5.1 2.5 7.5

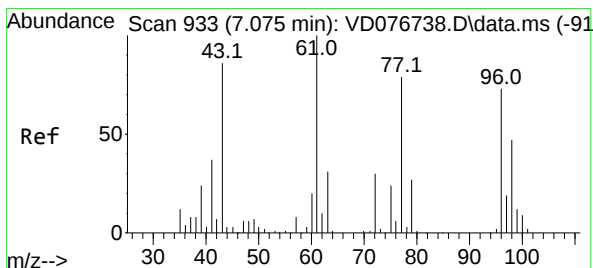
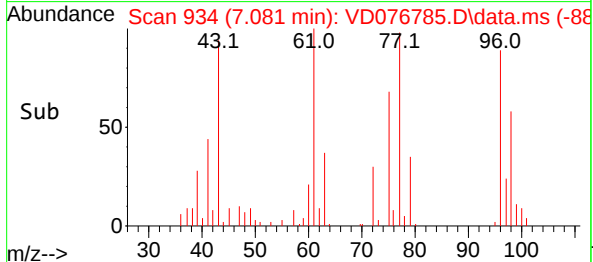
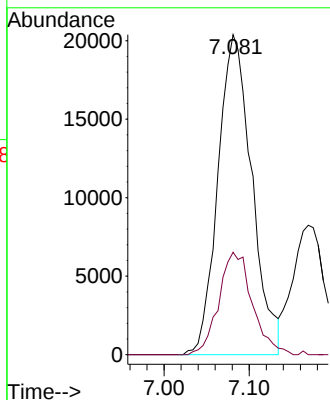
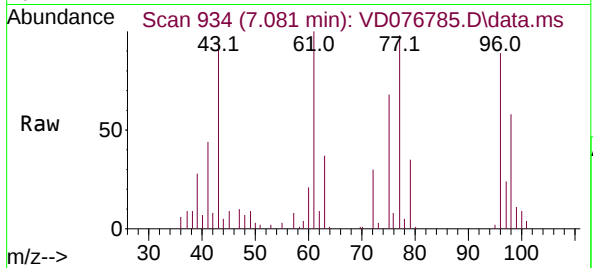




#25
2-Butanone
Concen: 107.435 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076785.D
Acq: 19 Jul 2023 12:39

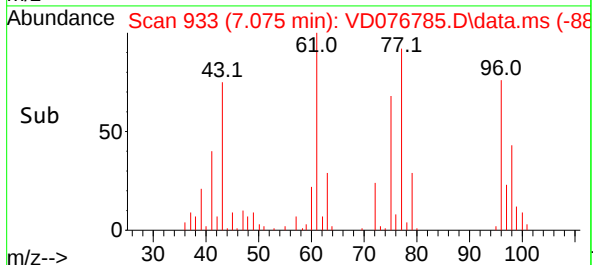
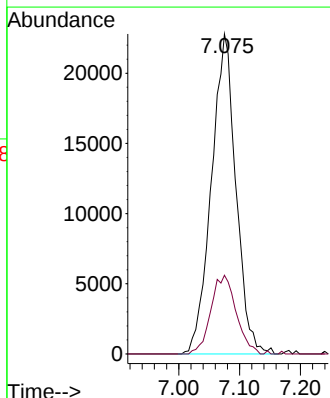
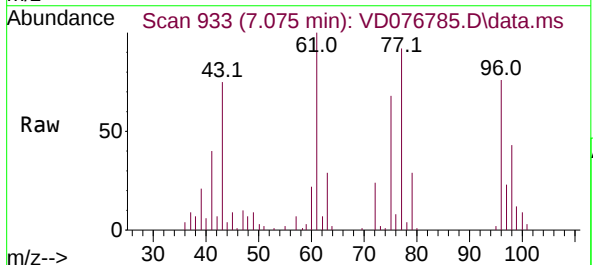
Instrument :
MSVOA_D
ClientSampleId :
VD0719SBS01

Tgt Ion: 43 Resp: 56458
Ion Ratio Lower Upper
43 100
72 32.0 30.7 46.1



#26
2,2-Dichloropropane
Concen: 21.645 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD076785.D
Acq: 19 Jul 2023 12:39

Tgt Ion: 77 Resp: 63831
Ion Ratio Lower Upper
77 100
97 25.4 13.2 39.6

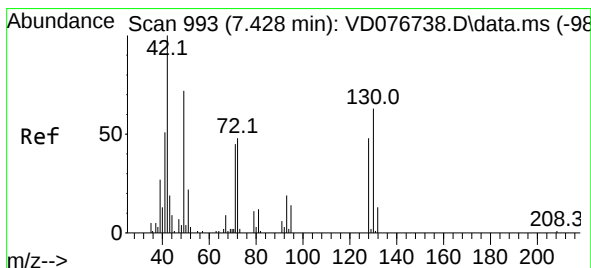
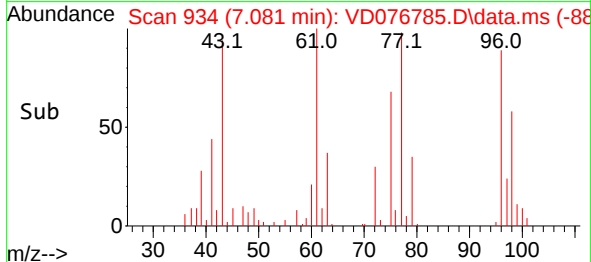
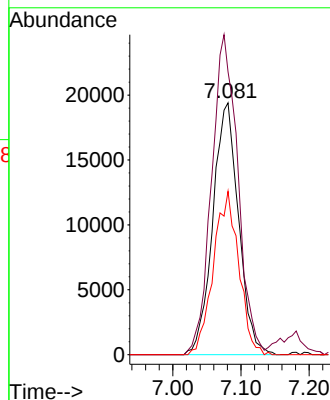
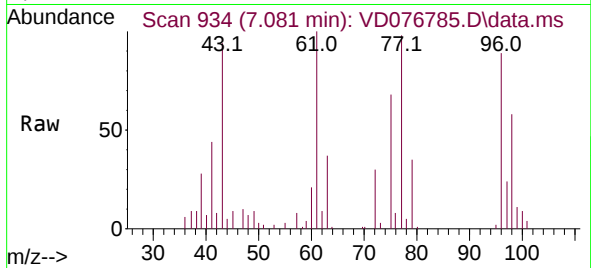




#27
 cis-1,2-Dichloroethene
 Concen: 21.871 ug/l
 RT: 7.081 min Scan# 911
 Delta R.T. 0.006 min
 Lab File: VD076785.D
 Acq: 19 Jul 2023 12:39

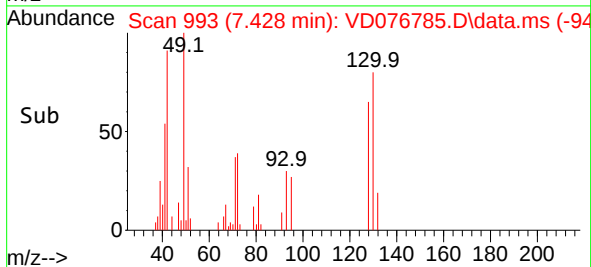
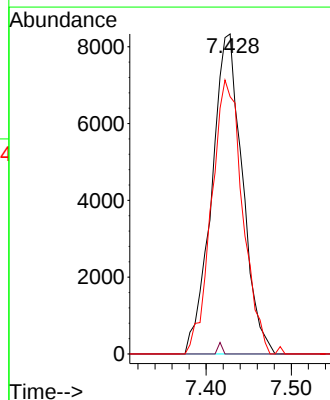
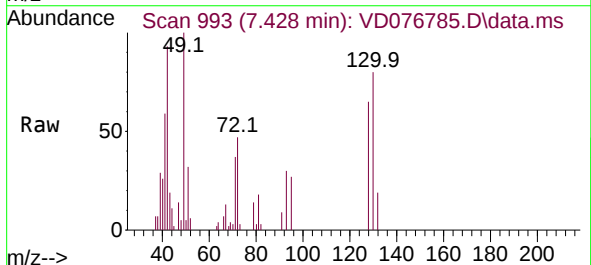
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0719SBS01

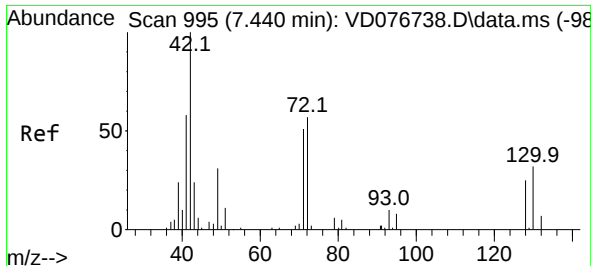
Tgt Ion: 96 Resp: 51119
 Ion Ratio Lower Upper
 96 100
 61 129.2 0.0 239.2
 98 63.7 0.0 128.6



#28
 Bromochloromethane
 Concen: 24.398 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.000 min
 Lab File: VD076785.D
 Acq: 19 Jul 2023 12:39

Tgt Ion: 49 Resp: 20868
 Ion Ratio Lower Upper
 49 100
 129 0.5 0.0 6.0
 130 86.5 83.2 124.8





#29

Tetrahydrofuran

Concen: 103.727 ug/l

RT: 7.452 min Scan# 995

Delta R.T. 0.012 min

Lab File: VD076785.D

Acq: 19 Jul 2023 12:39

Instrument :

MSVOA_D

ClientSampleId :

VD0719SBS01

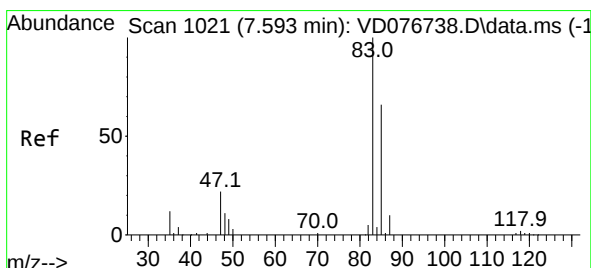
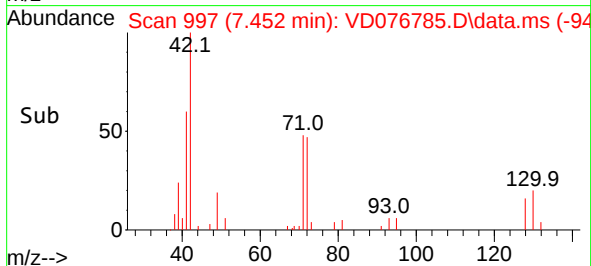
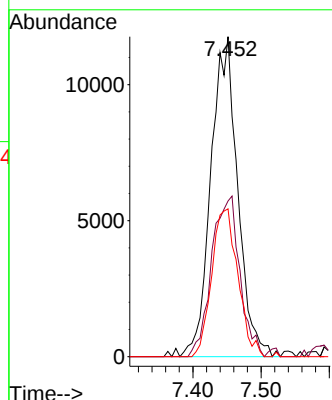
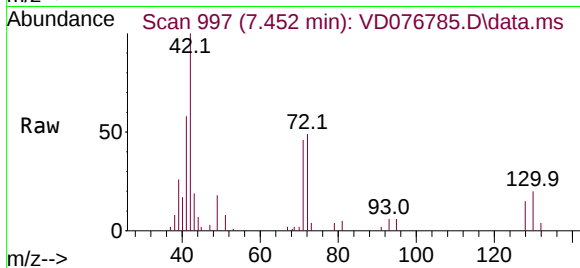
Tgt Ion: 42 Resp: 32206

Ion Ratio Lower Upper

42 100

72 52.5 46.5 69.7

71 45.1 44.5 66.7



#30

Chloroform

Concen: 22.708 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VD076785.D

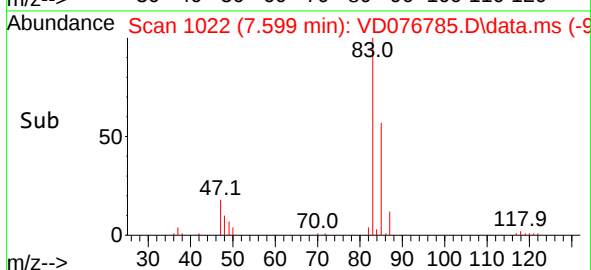
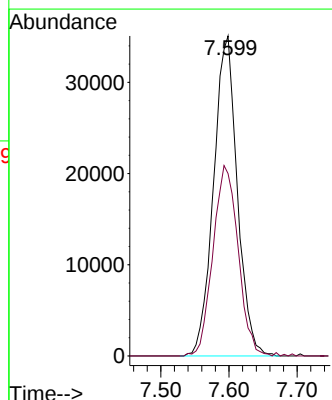
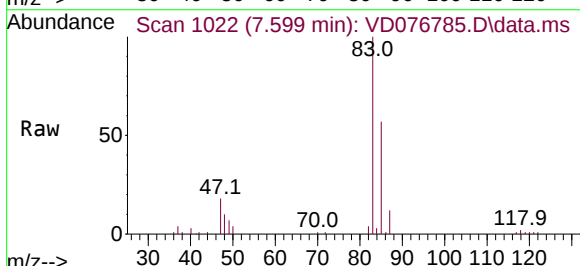
Acq: 19 Jul 2023 12:39

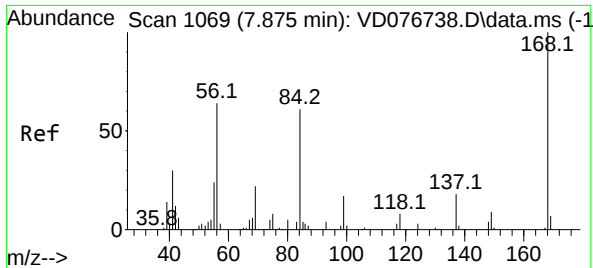
Tgt Ion: 83 Resp: 85085

Ion Ratio Lower Upper

83 100

85 57.0 53.4 80.2

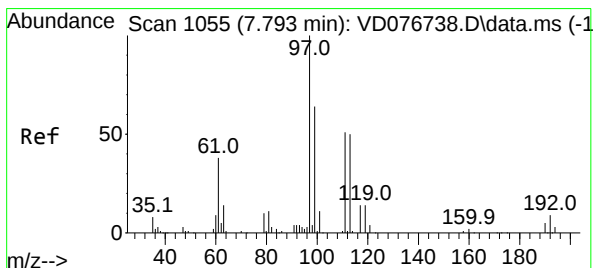
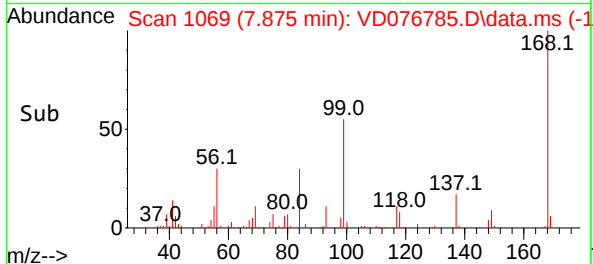
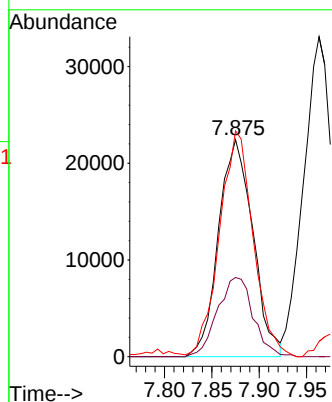
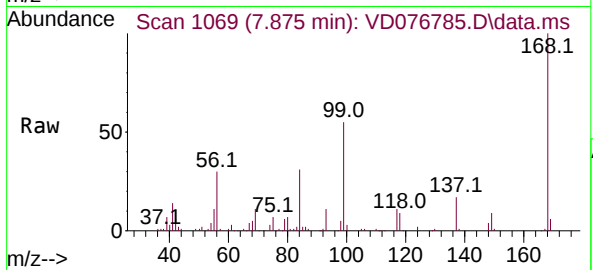




#31
Cyclohexane
Concen: 23.345 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076785.D
Acq: 19 Jul 2023 12:39

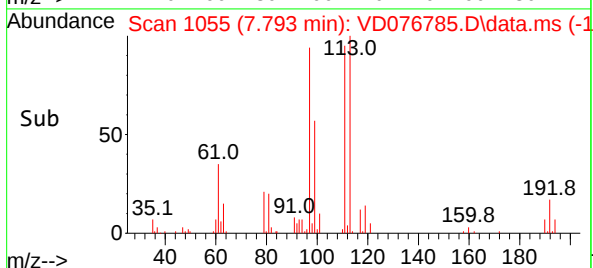
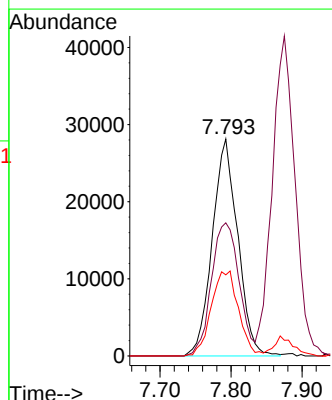
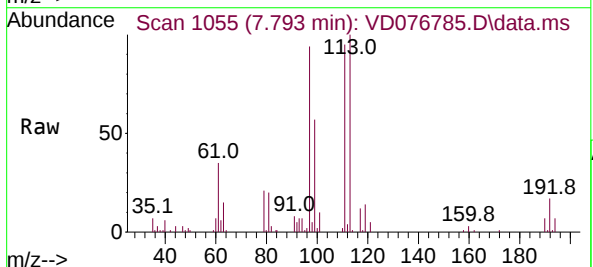
Instrument :
MSVOA_D
ClientSampleId :
VD0719SBS01

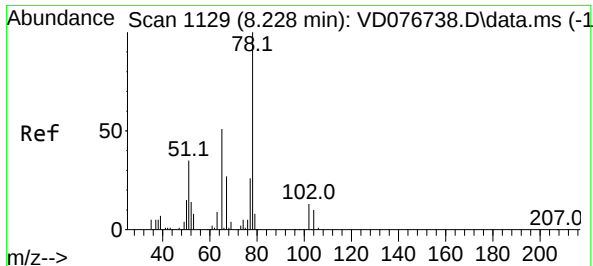
Tgt Ion: 56 Resp: 56486
Ion Ratio Lower Upper
56 100
69 36.5 28.6 43.0
84 102.8 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 23.121 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD076785.D
Acq: 19 Jul 2023 12:39

Tgt Ion: 97 Resp: 69898
Ion Ratio Lower Upper
97 100
99 67.0 52.0 78.0
61 42.1 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 47.302 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD076785.D

Acq: 19 Jul 2023 12:39

Instrument :

MSVOA_D

ClientSampleId :

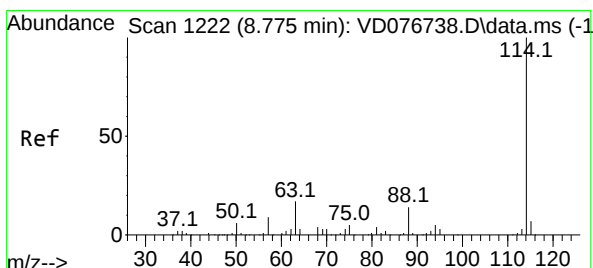
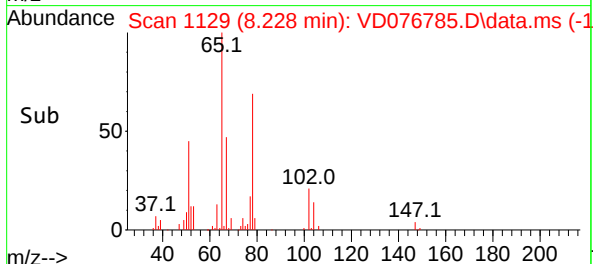
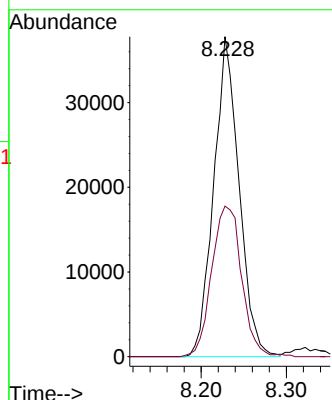
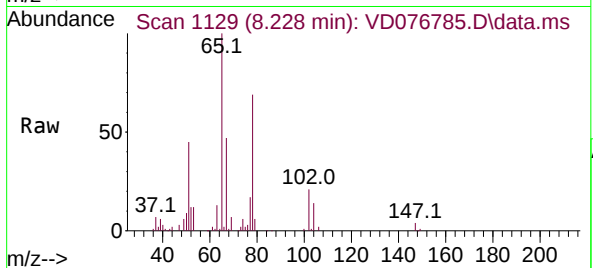
VD0719SBS01

Tgt Ion: 65 Resp: 77770

Ion Ratio Lower Upper

65 100

67 55.7 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: VD076785.D

Acq: 19 Jul 2023 12:39

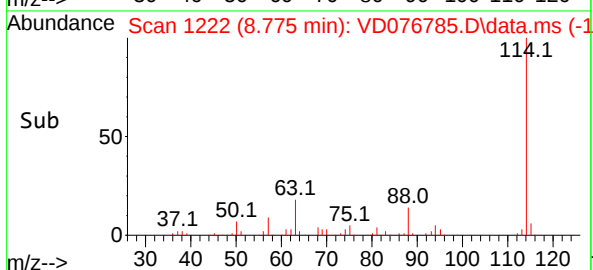
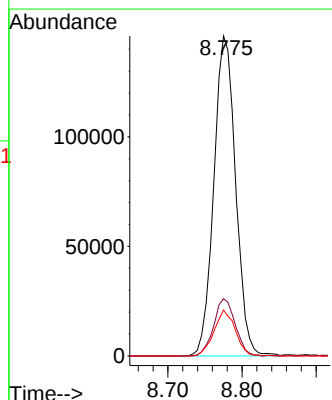
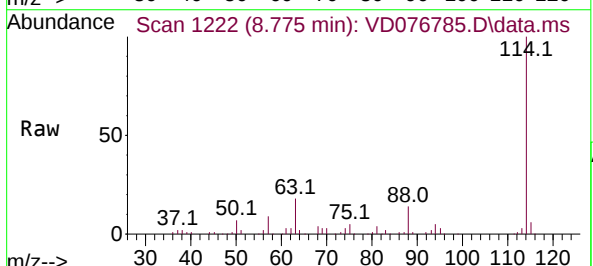
Tgt Ion: 114 Resp: 298538

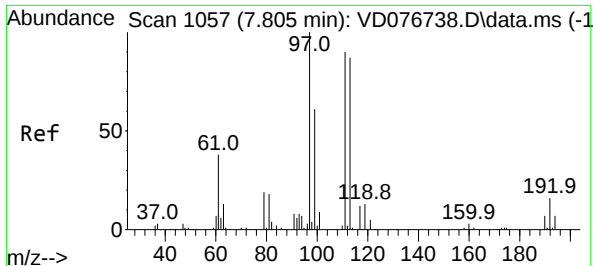
Ion Ratio Lower Upper

114 100

63 17.9 0.0 33.4

88 14.4 0.0 26.2





#35

Dibromofluoromethane

Concen: 49.077 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD076785.D

Acq: 19 Jul 2023 12:39

Instrument :

MSVOA_D

ClientSampleId :

VD0719SBS01

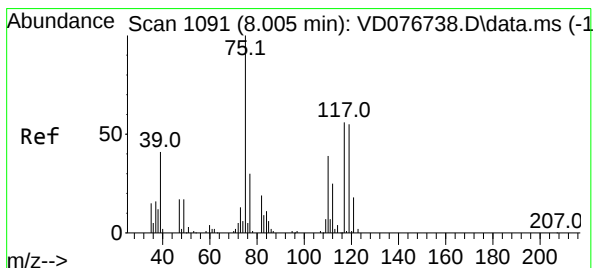
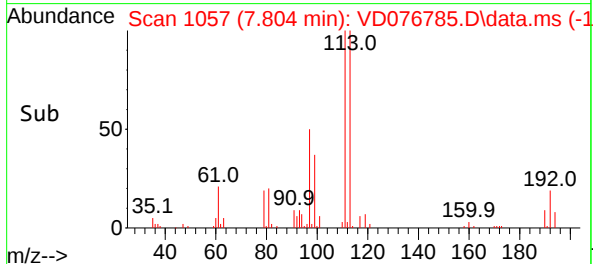
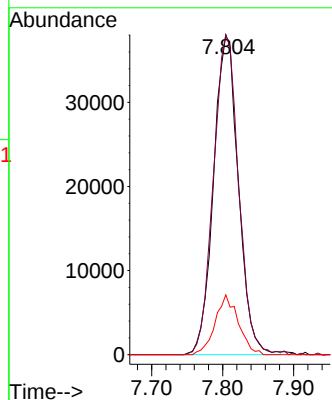
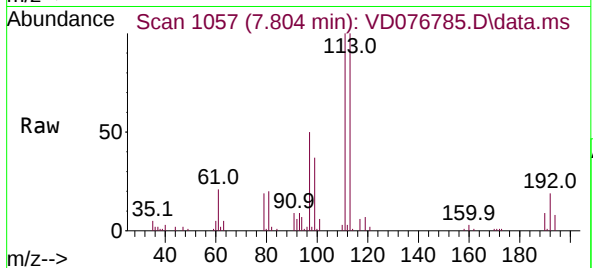
Tgt Ion:113 Resp: 92070

Ion Ratio Lower Upper

113 100

111 101.9 84.7 127.1

192 17.5 16.8 25.2



#36

1,1-Dichloropropene

Concen: 22.637 ug/l

RT: 8.004 min Scan# 1091

Delta R.T. -0.001 min

Lab File: VD076785.D

Acq: 19 Jul 2023 12:39

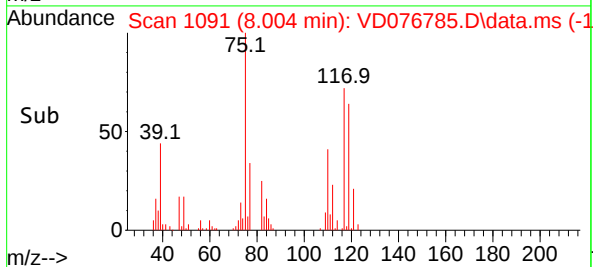
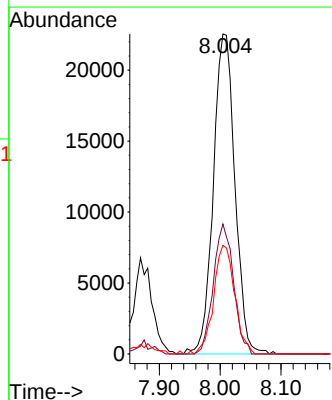
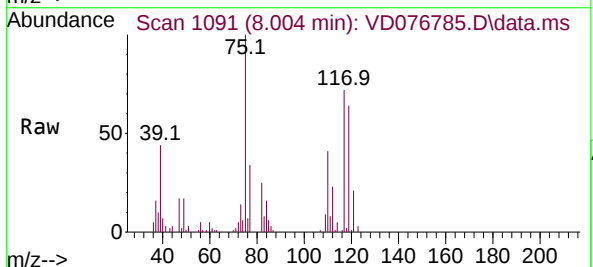
Tgt Ion: 75 Resp: 55494

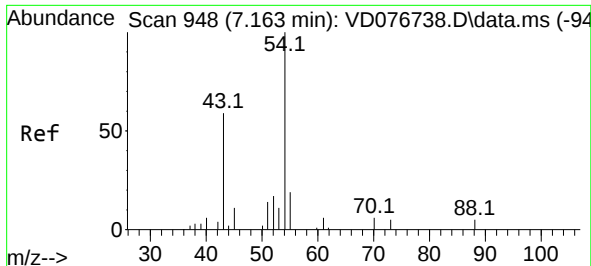
Ion Ratio Lower Upper

75 100

110 37.8 19.9 59.6

77 33.2 24.7 37.1





#37

Ethyl Acetate

Concen: 19.323 ug/l

RT: 7.169 min Scan# 948

Delta R.T. 0.006 min

Lab File: VD076785.D

Acq: 19 Jul 2023 12:39

Instrument :

MSVOA_D

ClientSampleId :

VD0719SBS01

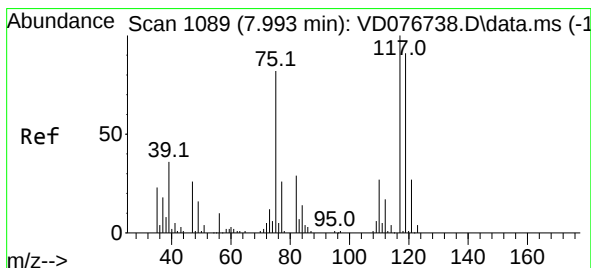
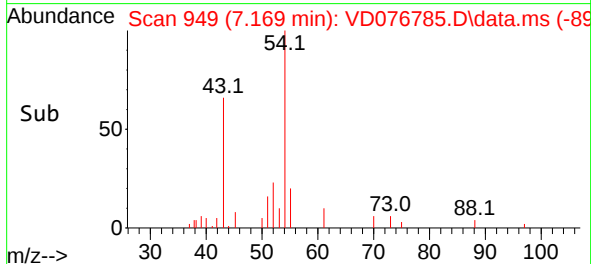
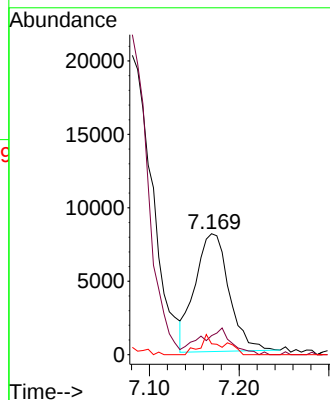
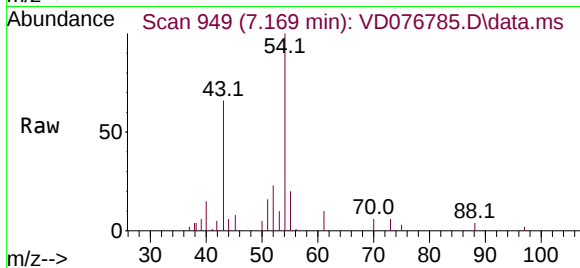
Tgt Ion: 43 Resp: 21184

Ion Ratio Lower Upper

43 100

61 20.8 14.9 22.3

70 7.7 10.0 15.0#



#38

Carbon Tetrachloride

Concen: 23.406 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD076785.D

Acq: 19 Jul 2023 12:39

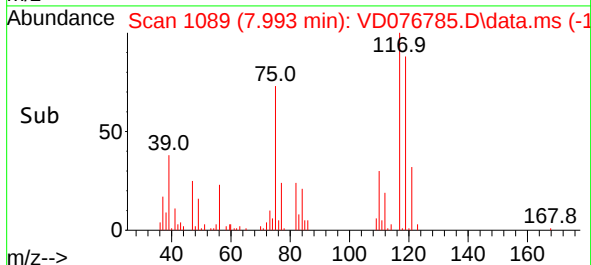
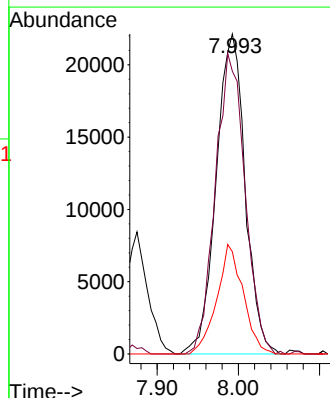
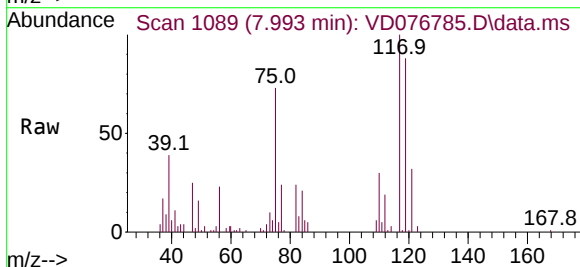
Tgt Ion: 117 Resp: 54941

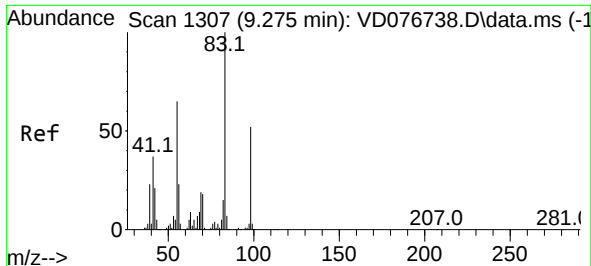
Ion Ratio Lower Upper

117 100

119 88.4 78.0 117.0

121 31.9 24.2 36.2





#39

Methylcyclohexane

Concen: 22.965 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. -0.006 min

Lab File: VD076785.D

Acq: 19 Jul 2023 12:39

Instrument :

MSVOA_D

ClientSampleId :

VD0719SBS01

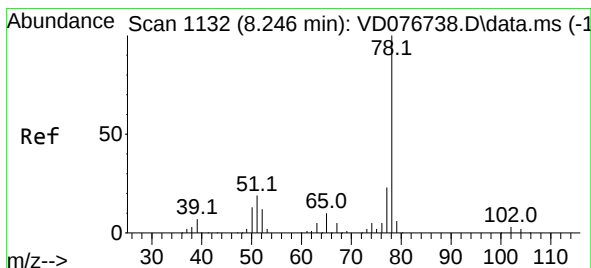
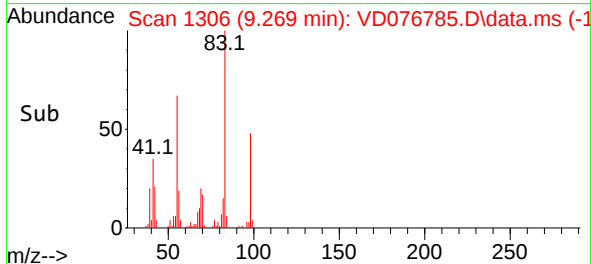
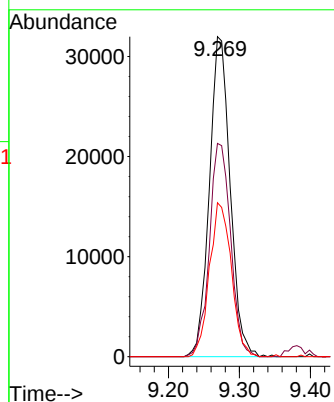
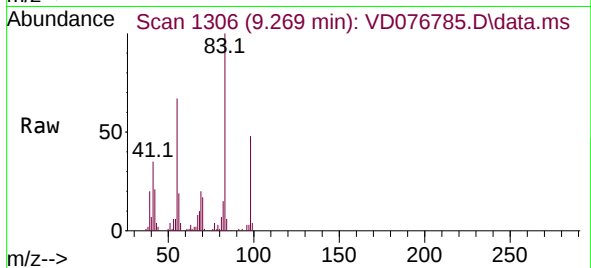
Tgt Ion: 83 Resp: 65004

Ion Ratio Lower Upper

83 100

55 66.6 49.4 74.0

98 48.1 38.4 57.6



#40

Benzene

Concen: 21.987 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. 0.005 min

Lab File: VD076785.D

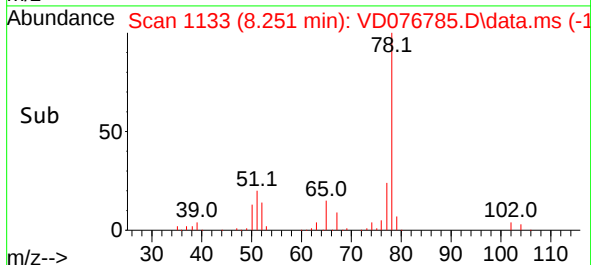
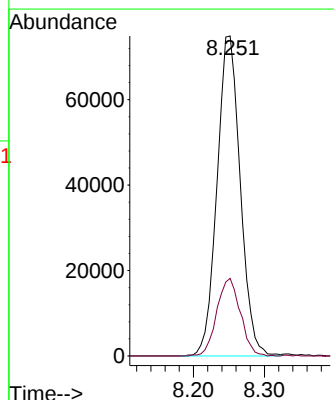
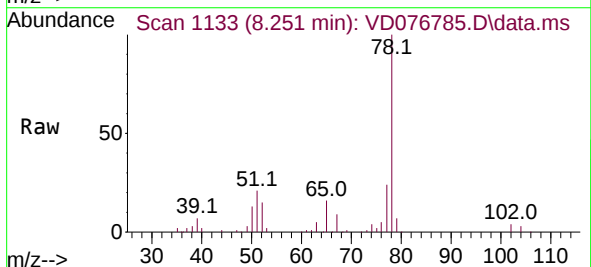
Acq: 19 Jul 2023 12:39

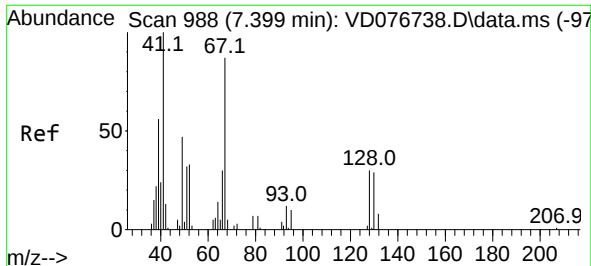
Tgt Ion: 78 Resp: 170068

Ion Ratio Lower Upper

78 100

77 24.3 19.4 29.0

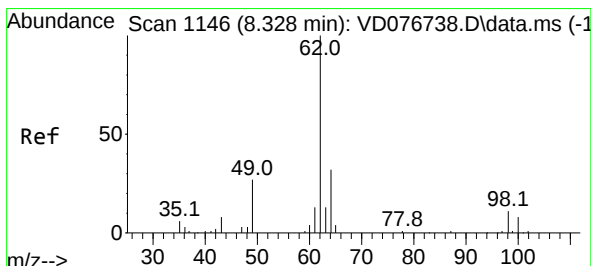
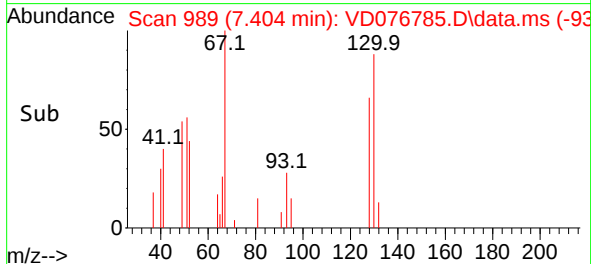
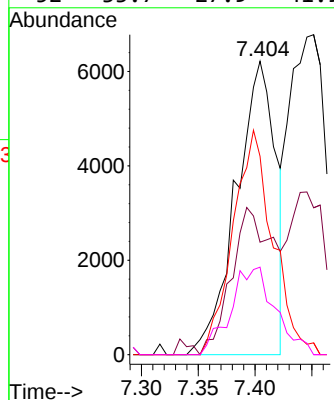
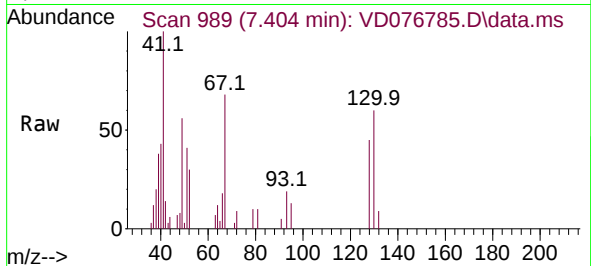




#41
Methacrylonitrile
Concen: 22.458 ug/l
RT: 7.404 min Scan# 91
Delta R.T. 0.005 min
Lab File: VD076785.D
Acq: 19 Jul 2023 12:39

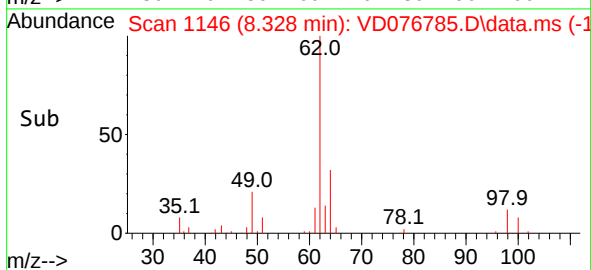
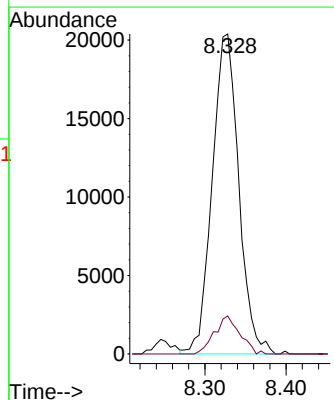
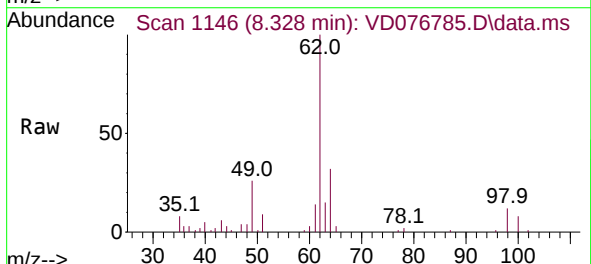
Instrument :
MSVOA_D
ClientSampleId :
VD0719SBS01

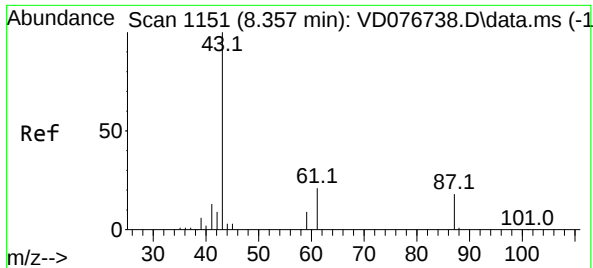
Tgt Ion: 41 Resp: 15035
Ion Ratio Lower Upper
41 100
39 53.1 34.0 51.0#
67 77.3 77.0 115.4
52 33.7 27.9 41.9



#42
1,2-Dichloroethane
Concen: 23.022 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD076785.D
Acq: 19 Jul 2023 12:39

Tgt Ion: 62 Resp: 46270
Ion Ratio Lower Upper
62 100
98 11.3 0.0 25.4

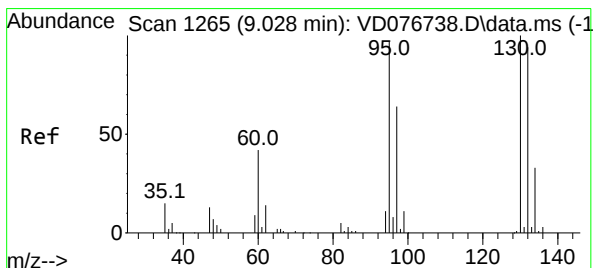
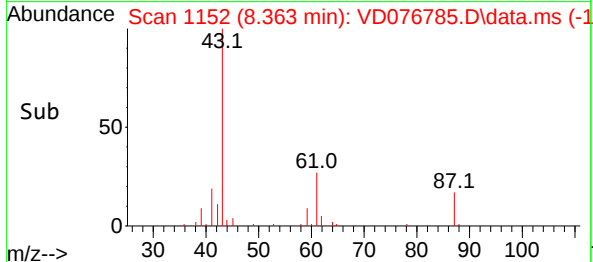
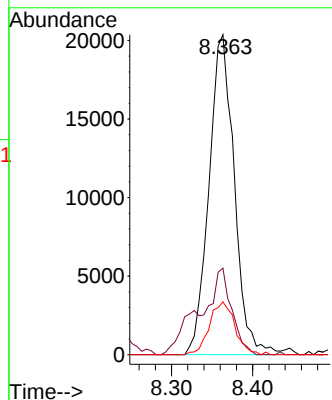
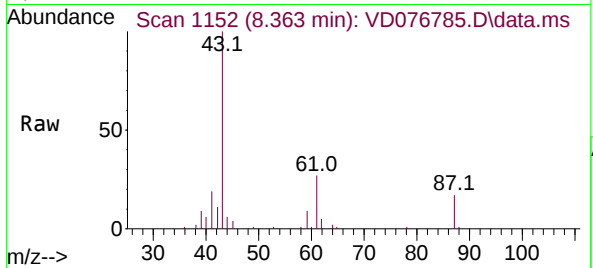




#43
Isopropyl Acetate
Concen: 20.620 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.006 min
Lab File: VD076785.D
Acq: 19 Jul 2023 12:39

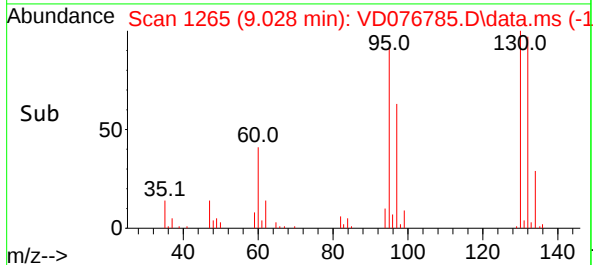
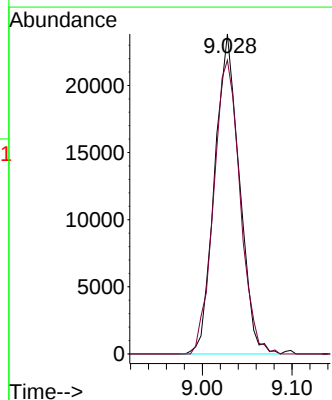
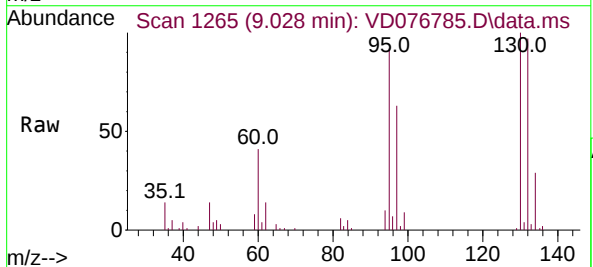
Instrument :
MSVOA_D
ClientSampleId :
VD0719SBS01

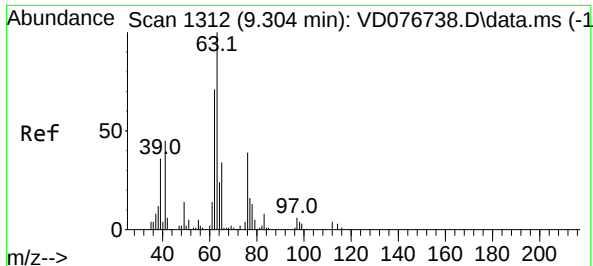
Tgt Ion: 43 Resp: 44119
Ion Ratio Lower Upper
43 100
61 21.4 31.4 47.0#
87 16.7 14.9 22.3



#44
Trichloroethene
Concen: 21.665 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD076785.D
Acq: 19 Jul 2023 12:39

Tgt Ion:130 Resp: 45666
Ion Ratio Lower Upper
130 100
95 91.8 0.0 179.2





#45

1,2-Dichloropropane

Concen: 22.134 ug/l

RT: 9.304 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD076785.D

Acq: 19 Jul 2023 12:39

Instrument :

MSVOA_D

ClientSampleId :

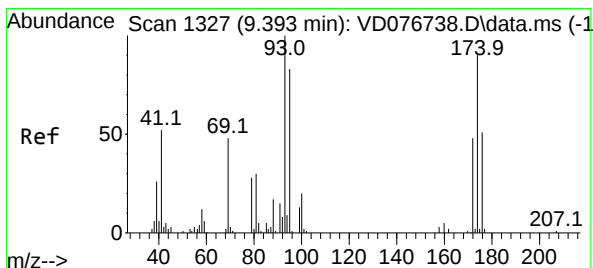
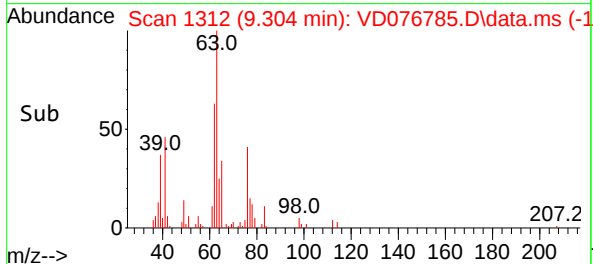
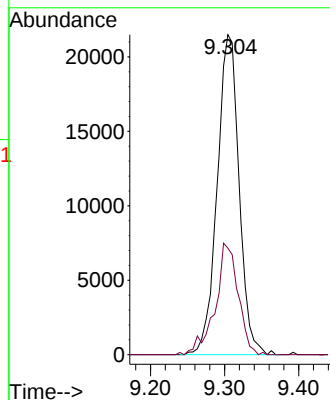
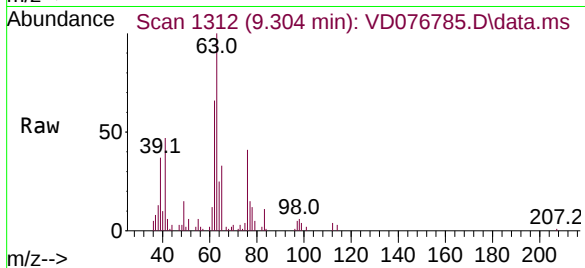
VD0719SBS01

Tgt Ion: 63 Resp: 44194

Ion Ratio Lower Upper

63 100

65 33.3 24.5 36.7



#46

Dibromomethane

Concen: 21.723 ug/l

RT: 9.398 min Scan# 1328

Delta R.T. 0.005 min

Lab File: VD076785.D

Acq: 19 Jul 2023 12:39

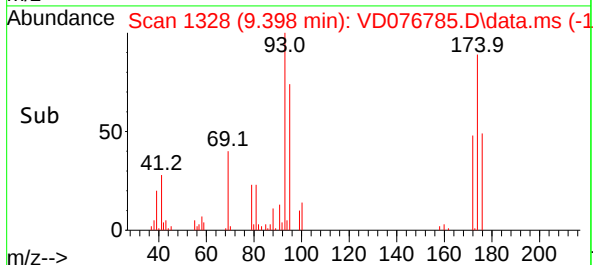
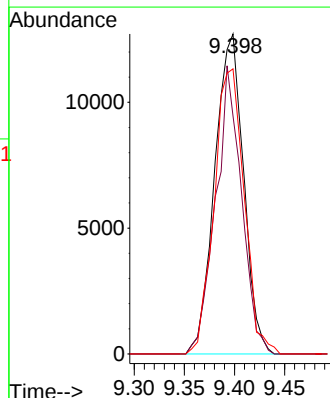
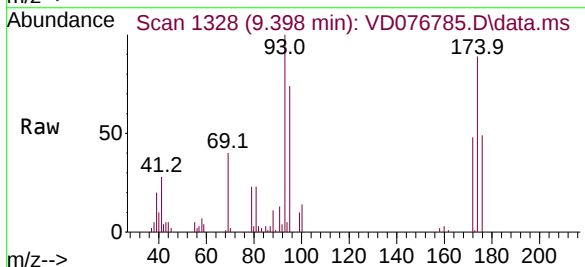
Tgt Ion: 93 Resp: 25388

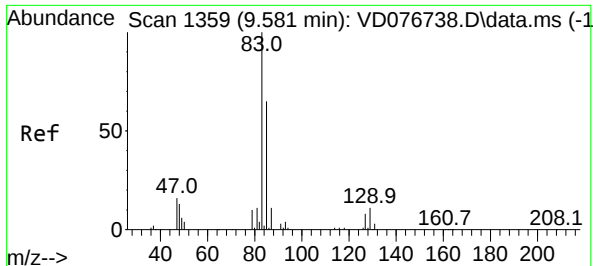
Ion Ratio Lower Upper

93 100

95 81.1 67.7 101.5

174 92.9 85.4 128.2





#47

Bromodichloromethane

Concen: 22.784 ug/l

RT: 9.587 min Scan# 1359

Delta R.T. 0.006 min

Lab File: VD076785.D

Acq: 19 Jul 2023 12:39

Instrument :

MSVOA_D

ClientSampleId :

VD0719SBS01

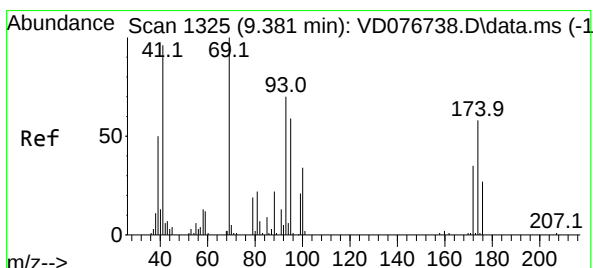
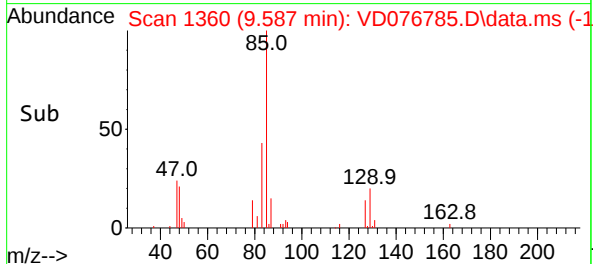
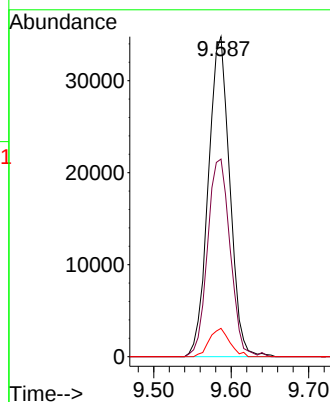
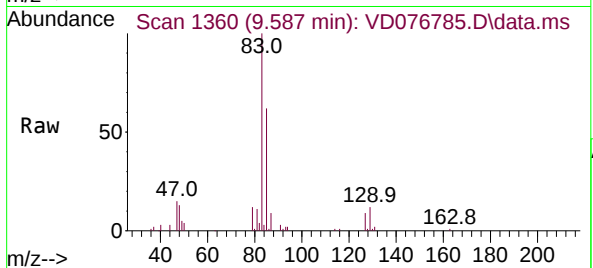
Tgt Ion: 83 Resp: 66823

Ion Ratio Lower Upper

83 100

85 61.8 50.2 75.4

127 8.8 6.3 9.5



#48

Methyl methacrylate

Concen: 20.793 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.000 min

Lab File: VD076785.D

Acq: 19 Jul 2023 12:39

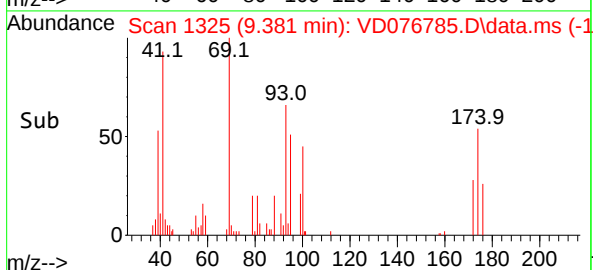
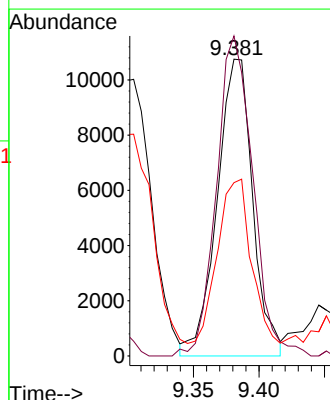
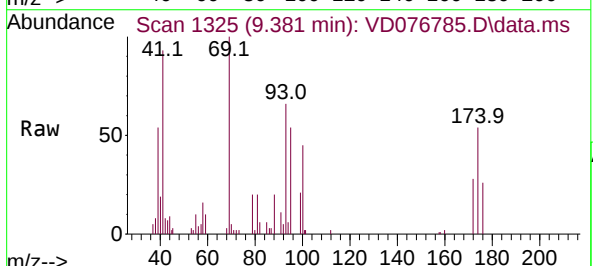
Tgt Ion: 41 Resp: 20248

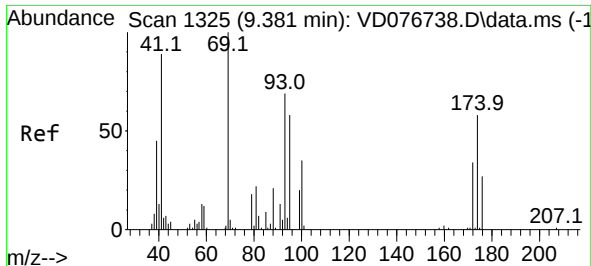
Ion Ratio Lower Upper

41 100

69 110.4 102.2 153.2

39 61.4 41.4 62.2





#49

1,4-Dioxane

Concen: 399.962 ug/l

RT: 9.387 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD076785.D

Acq: 19 Jul 2023 12:39

Instrument :

MSVOA_D

ClientSampleId :

VD0719SBS01

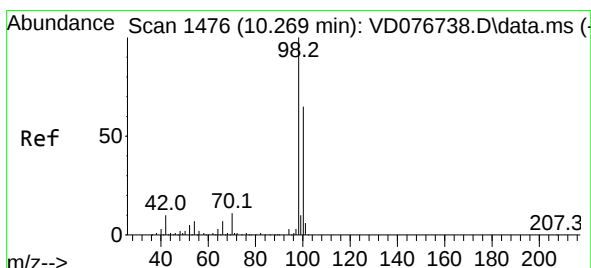
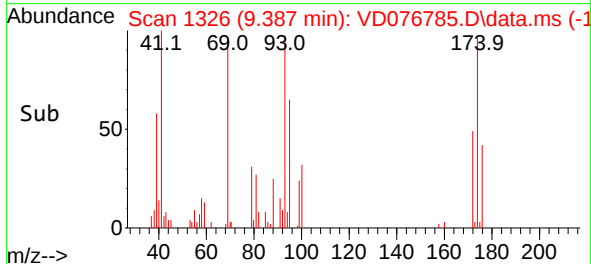
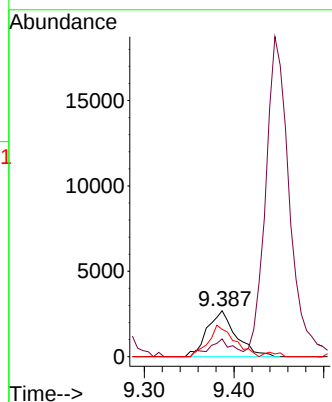
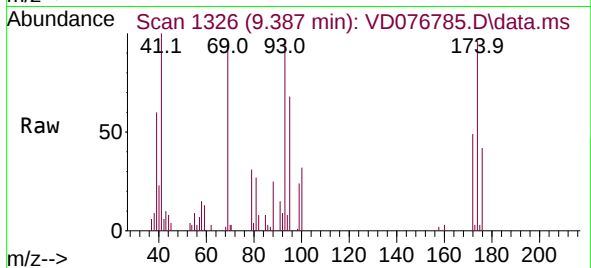
Tgt Ion: 88 Resp: 5989

Ion Ratio Lower Upper

88 100

43 31.9 19.0 28.6#

58 61.3 43.5 65.3



#50

Toluene-d8

Concen: 46.215 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD076785.D

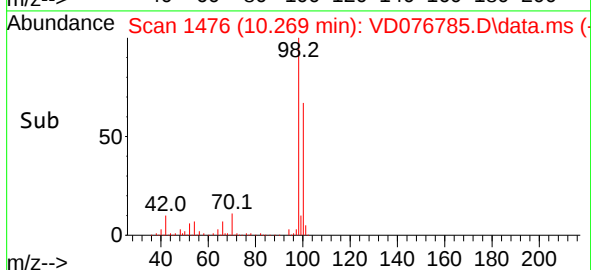
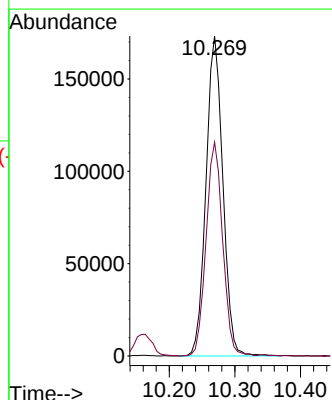
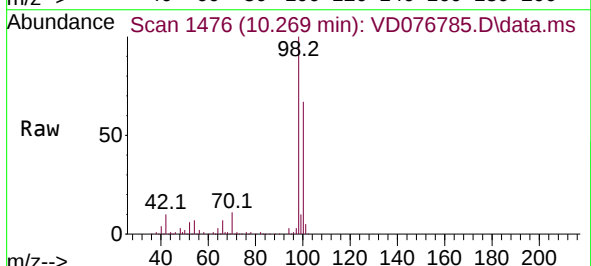
Acq: 19 Jul 2023 12:39

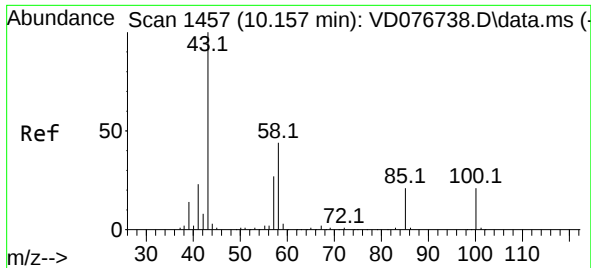
Tgt Ion: 98 Resp: 310161

Ion Ratio Lower Upper

98 100

100 65.8 50.3 75.5

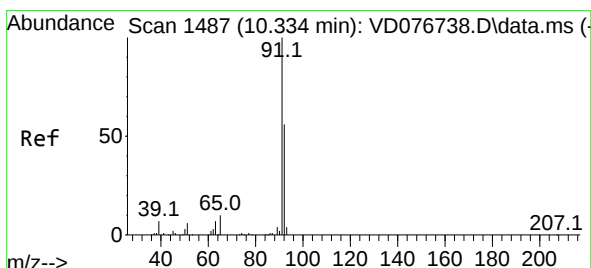
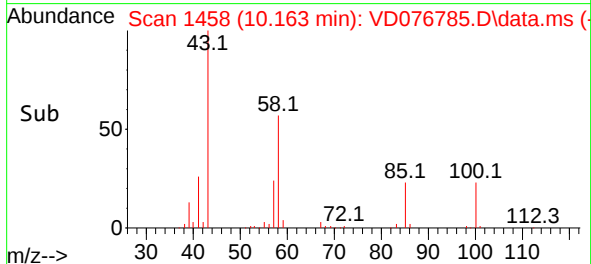
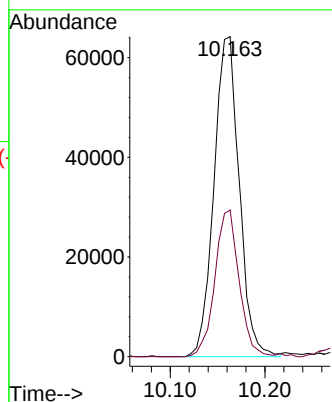
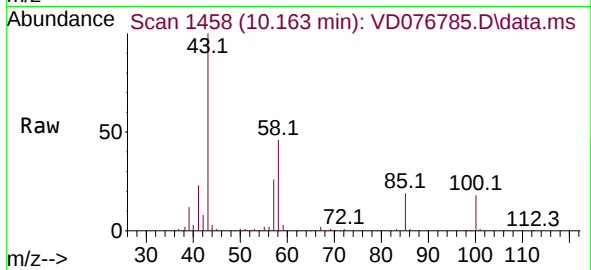




#51
4-Methyl-2-Pentanone
Concen: 104.506 ug/l
RT: 10.163 min Scan# 1458
Delta R.T. 0.006 min
Lab File: VD076785.D
Acq: 19 Jul 2023 12:39

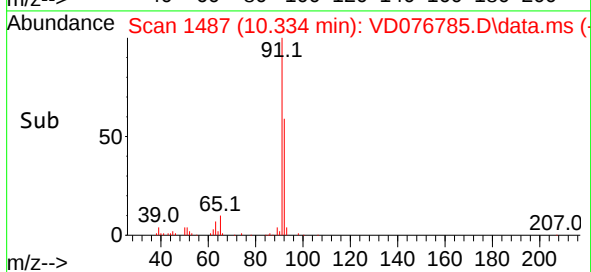
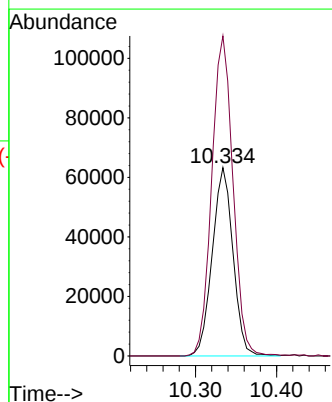
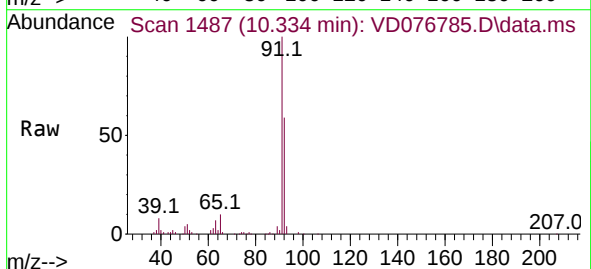
Instrument :
MSVOA_D
ClientSampleId :
VD0719SBS01

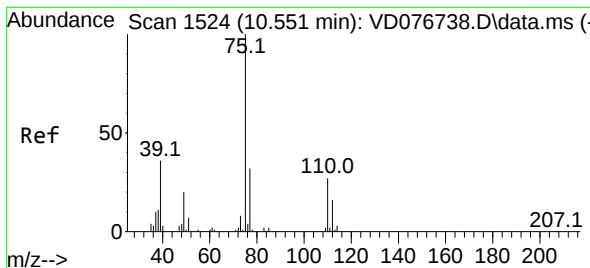
Tgt Ion: 43 Resp: 119051
Ion Ratio Lower Upper
43 100
58 43.9 38.9 58.3



#52
Toluene
Concen: 22.145 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD076785.D
Acq: 19 Jul 2023 12:39

Tgt Ion: 92 Resp: 112503
Ion Ratio Lower Upper
92 100
91 173.5 143.0 214.4

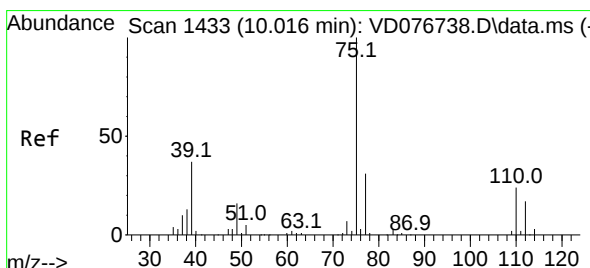
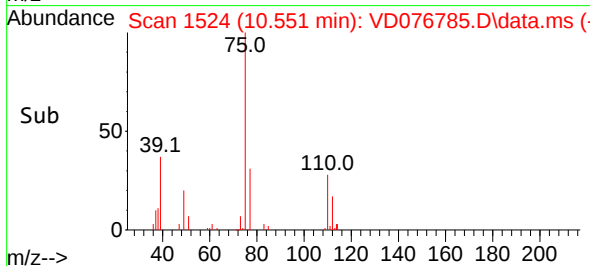
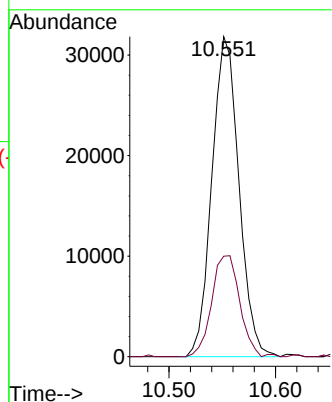
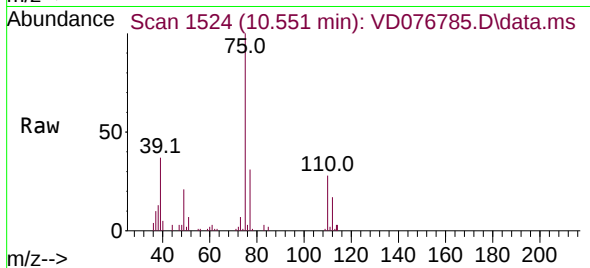




#53
t-1,3-Dichloropropene
Concen: 20.596 ug/l
RT: 10.551 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076785.D
Acq: 19 Jul 2023 12:39

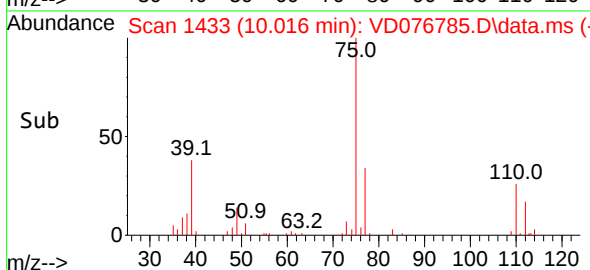
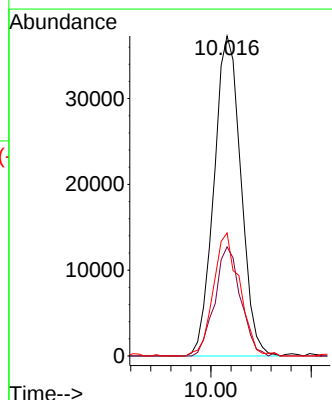
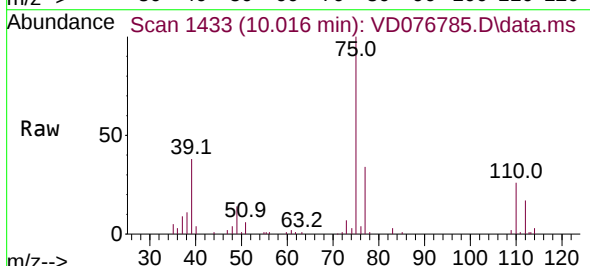
Instrument :
MSVOA_D
ClientSampleId :
VD0719SBS01

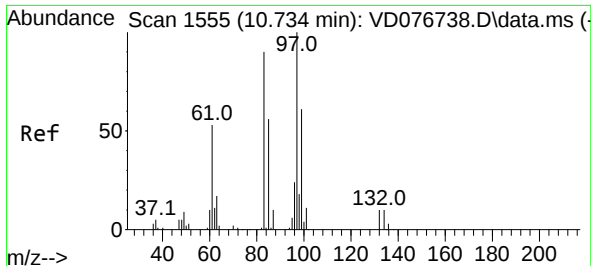
Tgt Ion: 75 Resp: 56069
Ion Ratio Lower Upper
75 100
77 31.4 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 21.645 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD076785.D
Acq: 19 Jul 2023 12:39

Tgt Ion: 75 Resp: 69445
Ion Ratio Lower Upper
75 100
77 34.1 25.5 38.3
39 38.4 22.1 33.1#

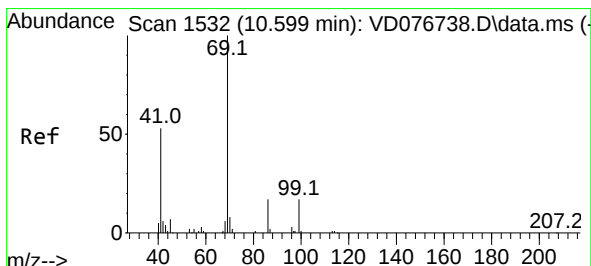
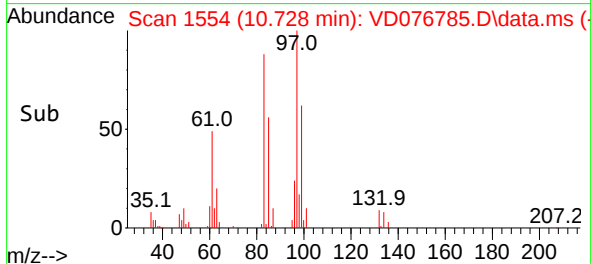
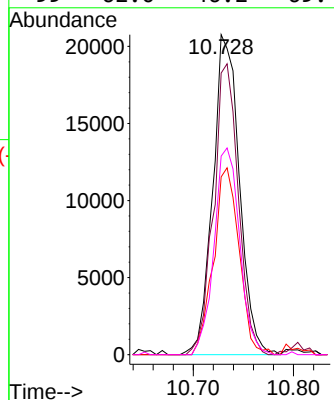
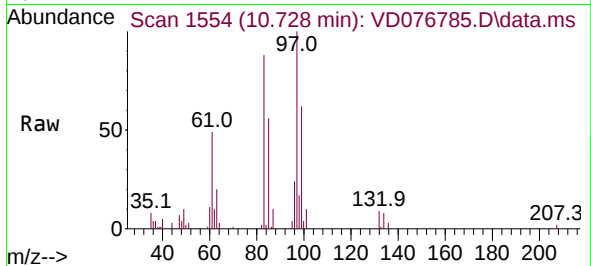




#55
1,1,2-Trichloroethane
Concen: 22.350 ug/l
RT: 10.728 min Scan# 1554
Delta R.T. -0.006 min
Lab File: VD076785.D
Acq: 19 Jul 2023 12:39

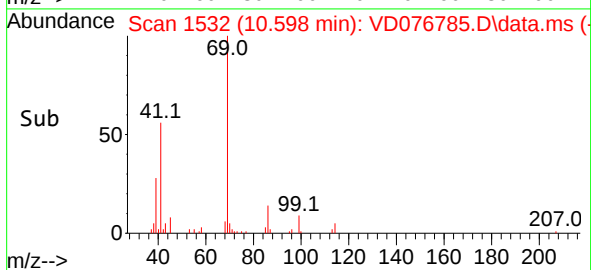
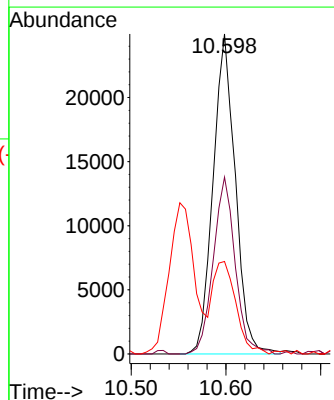
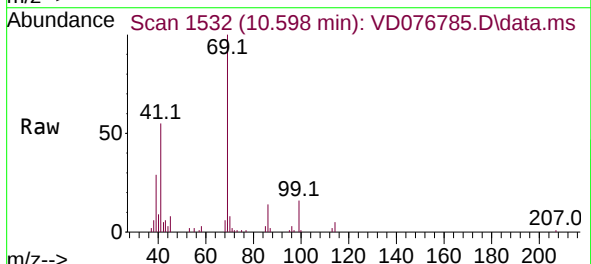
Instrument :
MSVOA_D
ClientSampleId :
VD0719SBS01

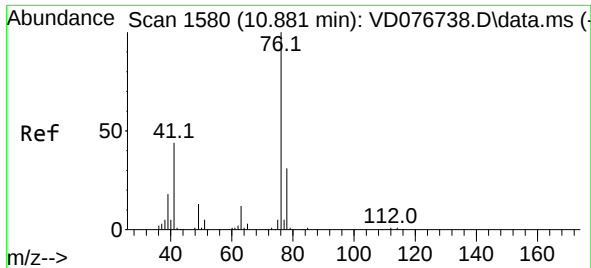
Tgt Ion: 97	Resp: 38143
Ion Ratio	Lower Upper
97 100	
83 88.0	65.8 98.6
85 55.6	45.7 68.5
99 62.0	46.2 69.4



#56
Ethyl methacrylate
Concen: 20.650 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. -0.001 min
Lab File: VD076785.D
Acq: 19 Jul 2023 12:39

Tgt Ion: 69	Resp: 40677
Ion Ratio	Lower Upper
69 100	
41 54.5	39.1 58.7
39 29.6	20.0 30.0

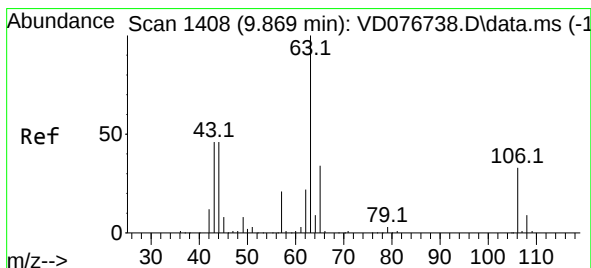
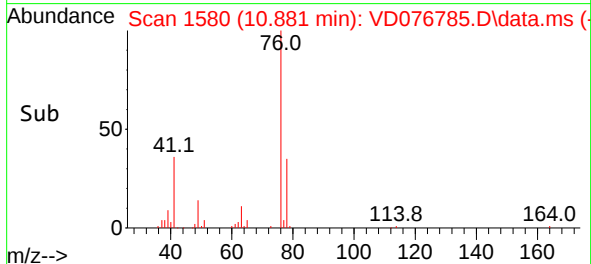
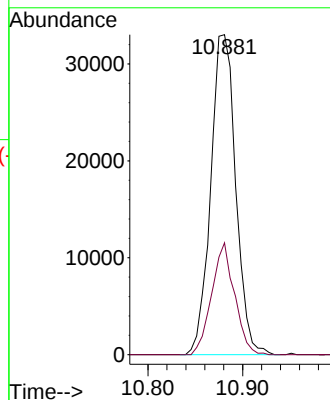
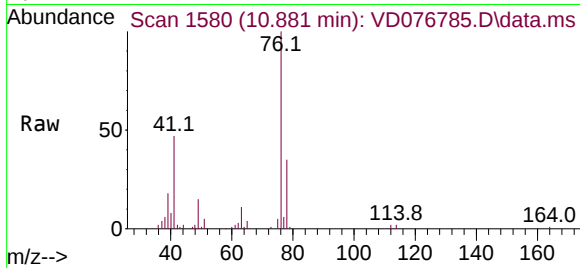




#57
1,3-Dichloropropane
Concen: 21.813 ug/l
RT: 10.881 min Scan# 1580
Delta R.T. -0.000 min
Lab File: VD076785.D
Acq: 19 Jul 2023 12:39

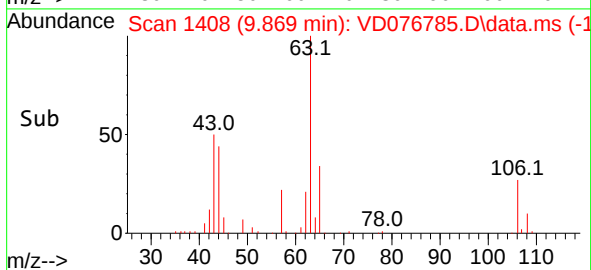
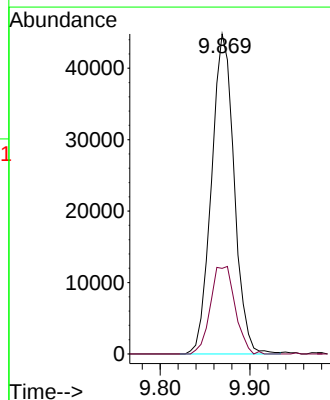
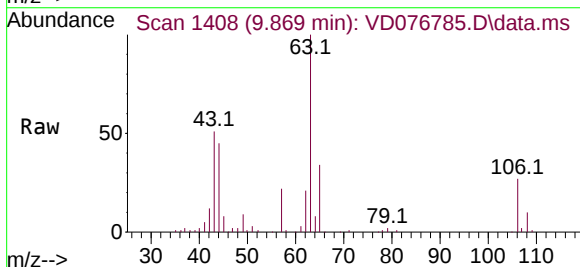
Instrument :
MSVOA_D
ClientSampleId :
VD0719SBS01

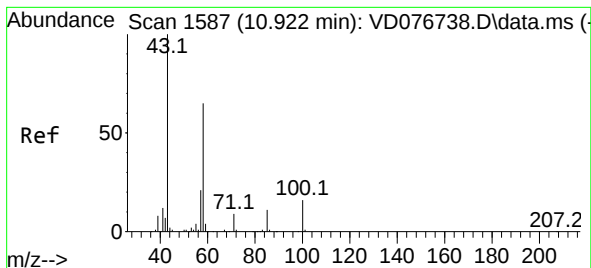
Tgt Ion: 76 Resp: 60626
Ion Ratio Lower Upper
76 100
78 31.9 26.4 39.6



#58
2-Chloroethyl Vinyl ether
Concen: 103.141 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. 0.000 min
Lab File: VD076785.D
Acq: 19 Jul 2023 12:39

Tgt Ion: 63 Resp: 78642
Ion Ratio Lower Upper
63 100
106 29.7 25.3 37.9

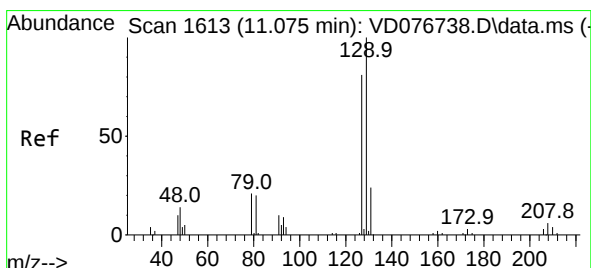
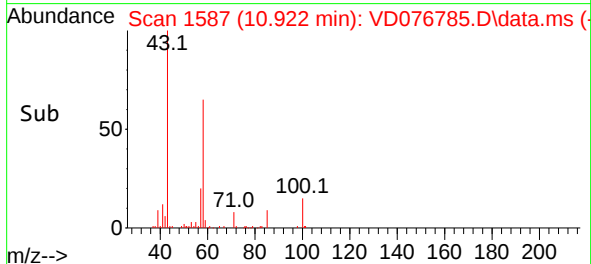
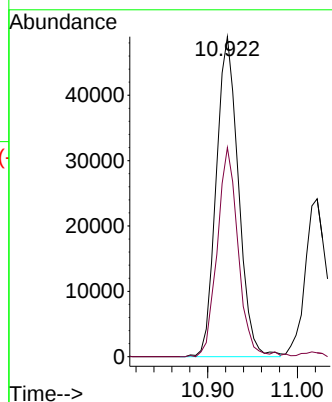
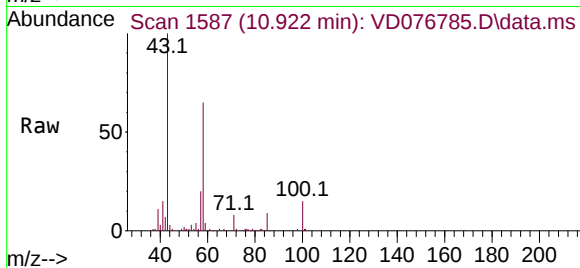




#59
2-Hexanone
Concen: 103.420 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD076785.D
Acq: 19 Jul 2023 12:39

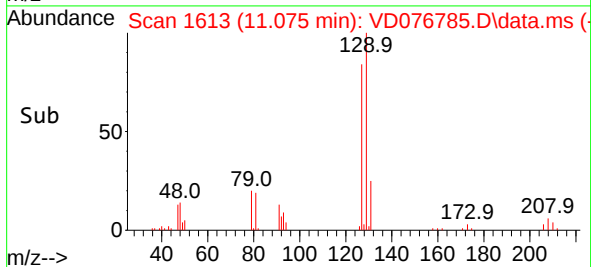
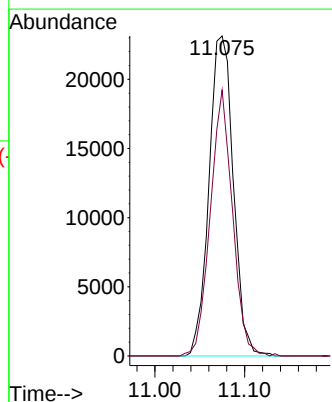
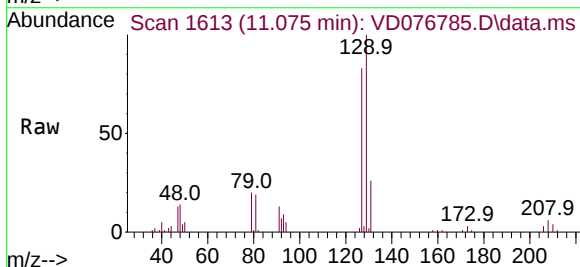
Instrument :
MSVOA_D
ClientSampleId :
VD0719SBS01

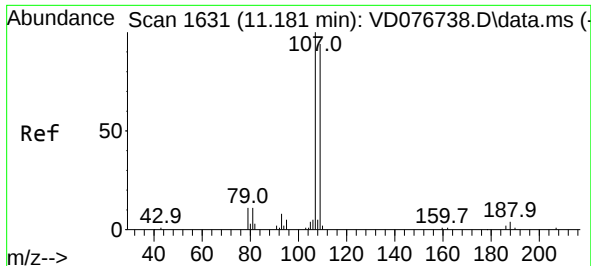
Tgt Ion: 43 Resp: 84065
Ion Ratio Lower Upper
43 100
58 60.9 34.1 102.2



#60
Dibromochloromethane
Concen: 21.996 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD076785.D
Acq: 19 Jul 2023 12:39

Tgt Ion: 129 Resp: 43610
Ion Ratio Lower Upper
129 100
127 75.9 37.1 111.5

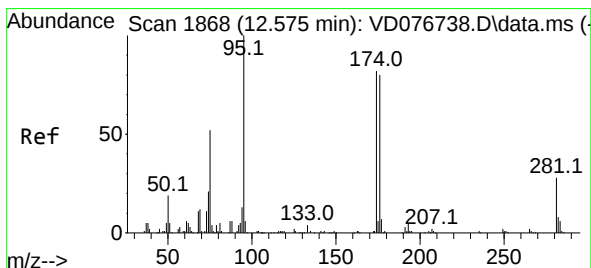
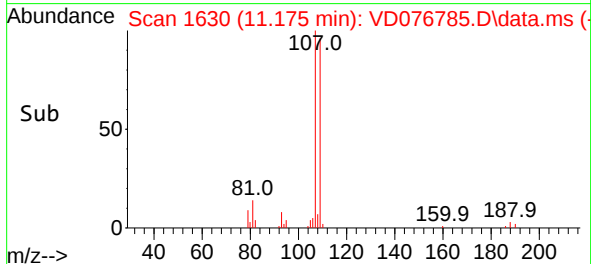
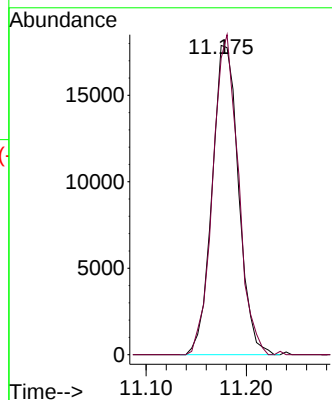
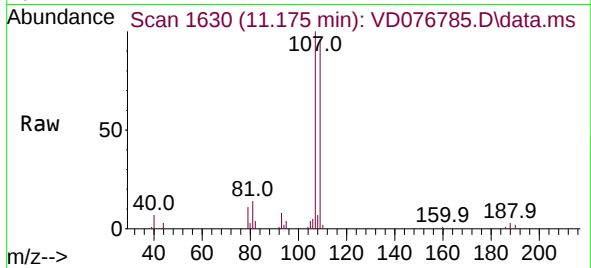




#61
1,2-Dibromoethane
Concen: 20.675 ug/l
RT: 11.175 min Scan# 1630
Delta R.T. -0.006 min
Lab File: VD076785.D
Acq: 19 Jul 2023 12:39

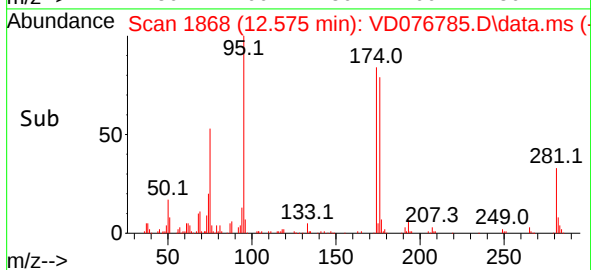
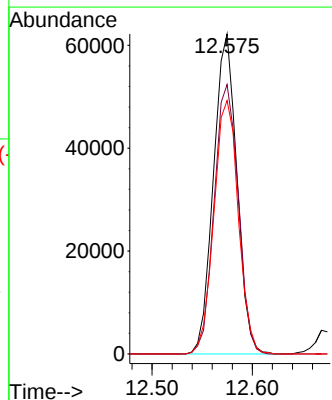
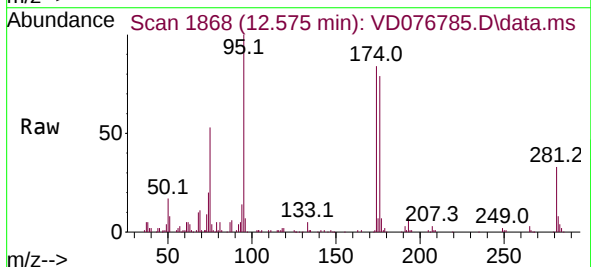
Instrument :
MSVOA_D
ClientSampleId :
VD0719SBS01

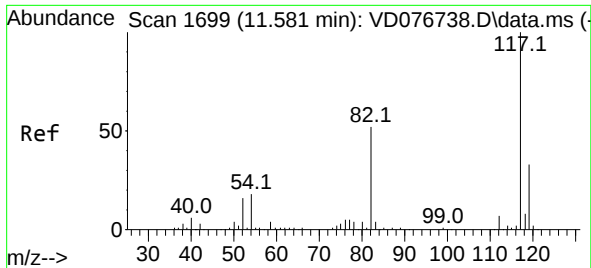
Tgt Ion:107 Resp: 32713
Ion Ratio Lower Upper
107 100
109 99.8 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 46.387 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076785.D
Acq: 19 Jul 2023 12:39

Tgt Ion: 95 Resp: 100710
Ion Ratio Lower Upper
95 100
174 86.7 0.0 201.8
176 82.4 0.0 191.8

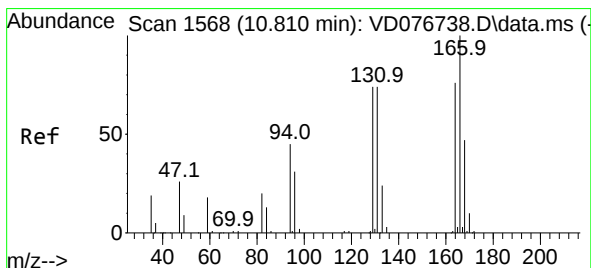
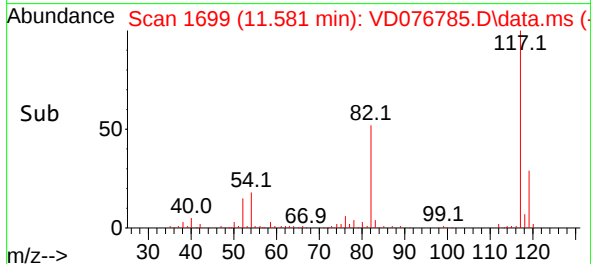
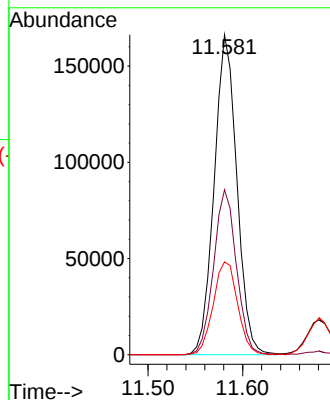
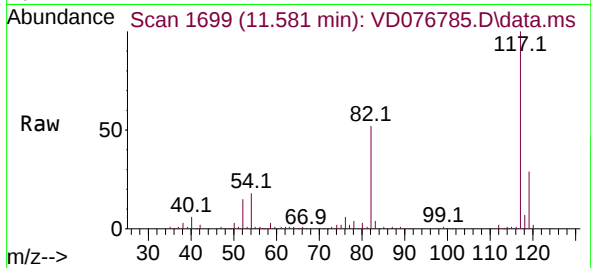




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD076785.D
Acq: 19 Jul 2023 12:39

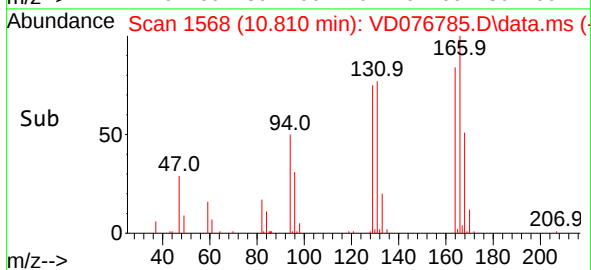
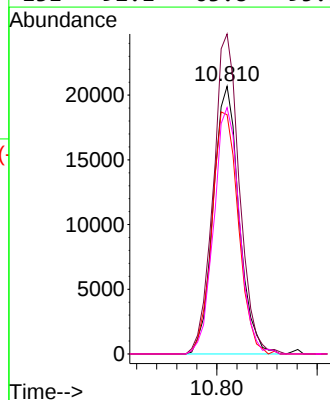
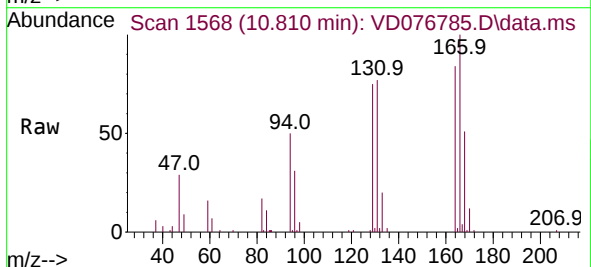
Instrument :
MSVOA_D
ClientSampleId :
VD0719SBS01

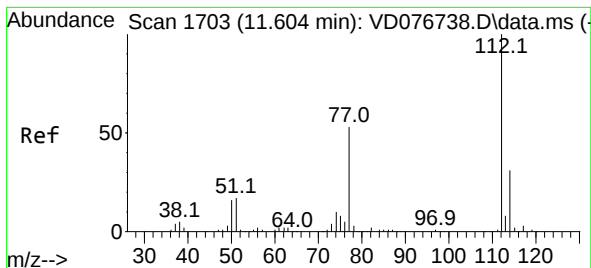
Tgt Ion:117 Resp: 276833
Ion Ratio Lower Upper
117 100
82 51.6 38.3 57.5
119 29.0 25.0 37.4



#64
Tetrachloroethene
Concen: 23.375 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD076785.D
Acq: 19 Jul 2023 12:39

Tgt Ion:164 Resp: 36898
Ion Ratio Lower Upper
164 100
166 119.6 99.2 148.8
129 89.4 68.4 102.6
131 92.1 63.8 95.8





#65

Chlorobenzene

Concen: 21.778 ug/l

RT: 11.604 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VD076785.D

Acq: 19 Jul 2023 12:39

Instrument :

MSVOA_D

ClientSampleId :

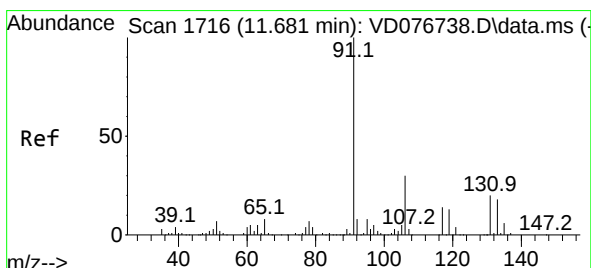
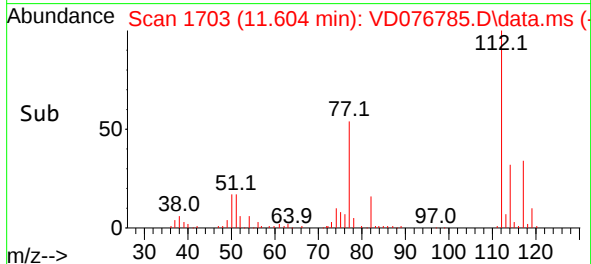
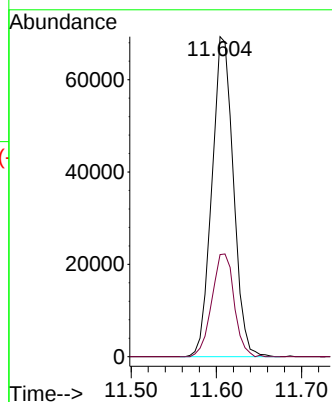
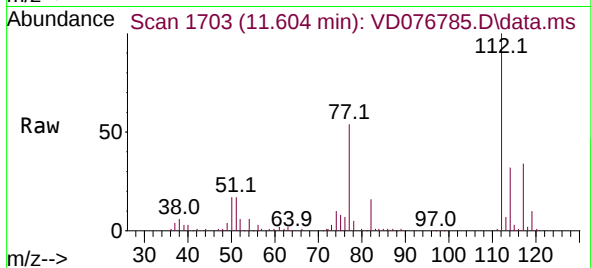
VD0719SBS01

Tgt Ion:112 Resp: 121254

Ion Ratio Lower Upper

112 100

114 31.9 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 21.751 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD076785.D

Acq: 19 Jul 2023 12:39

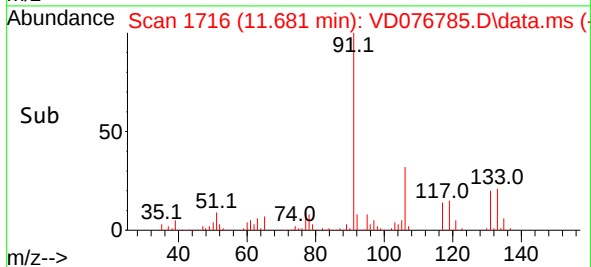
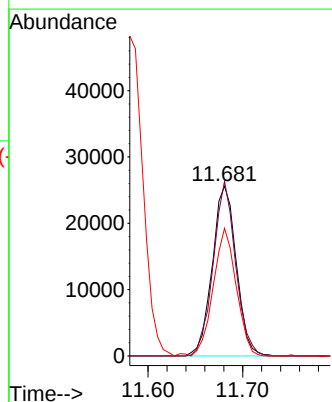
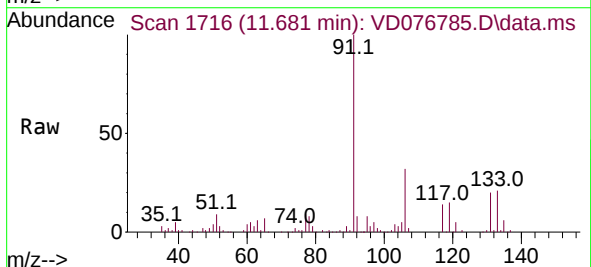
Tgt Ion:131 Resp: 45088

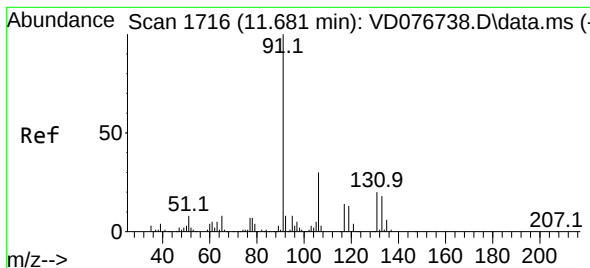
Ion Ratio Lower Upper

131 100

133 96.1 48.5 145.5

119 71.6 35.6 106.9





#67

Ethyl Benzene

Concen: 22.044 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD076785.D

Acq: 19 Jul 2023 12:39

Instrument :

MSVOA_D

ClientSampleId :

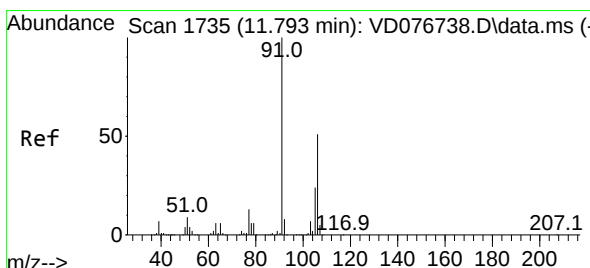
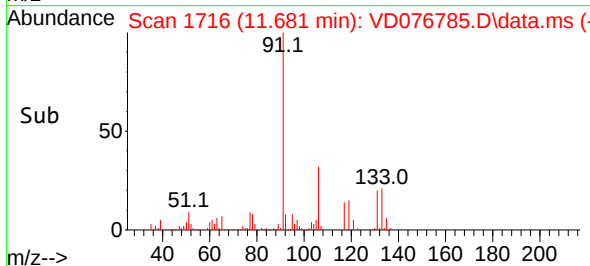
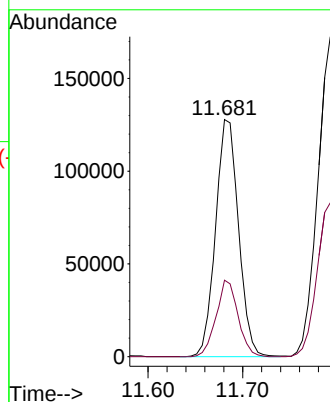
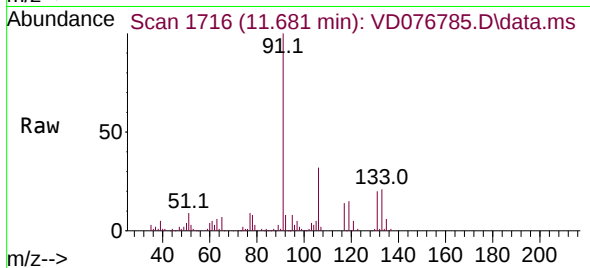
VD0719SBS01

Tgt Ion: 91 Resp: 215543

Ion Ratio Lower Upper

91 100

106 32.3 26.5 39.7



#68

m/p-Xylenes

Concen: 44.106 ug/l

RT: 11.792 min Scan# 1735

Delta R.T. -0.001 min

Lab File: VD076785.D

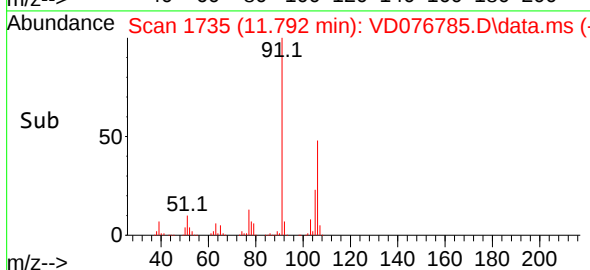
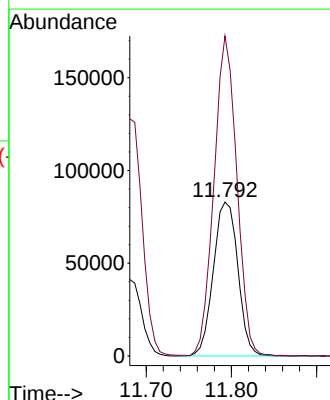
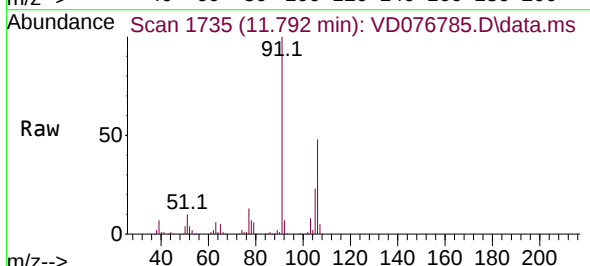
Acq: 19 Jul 2023 12:39

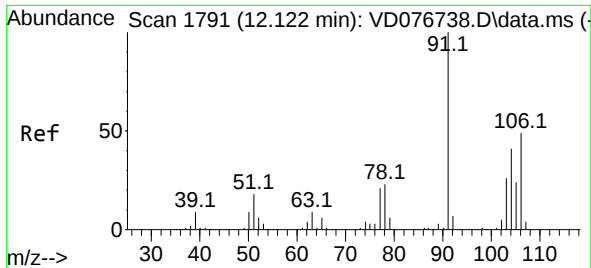
Tgt Ion:106 Resp: 165632

Ion Ratio Lower Upper

106 100

91 194.5 147.0 220.6

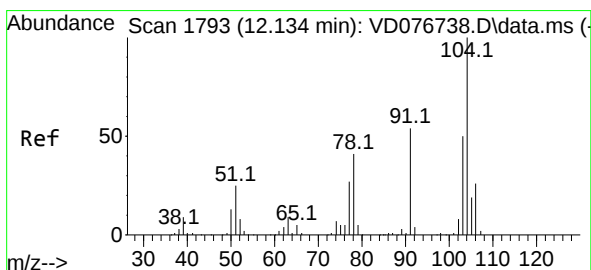
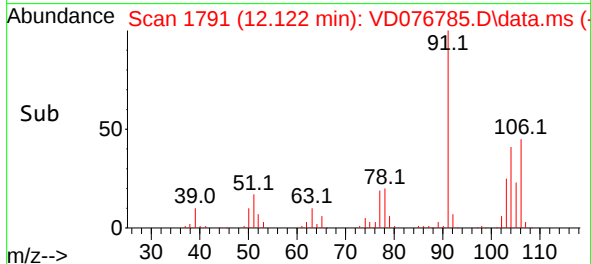
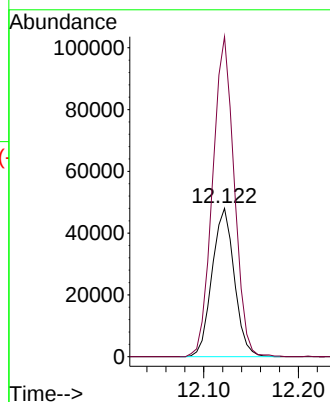
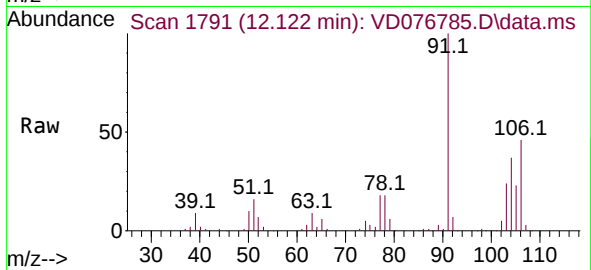




#69
o-Xylene
Concen: 21.533 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD076785.D
Acq: 19 Jul 2023 12:39

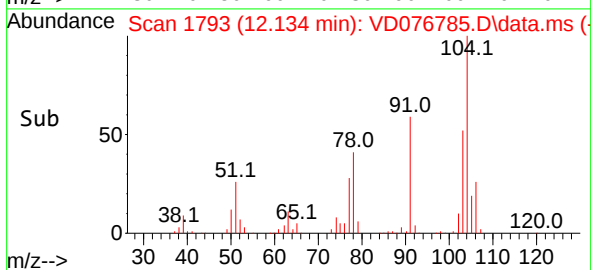
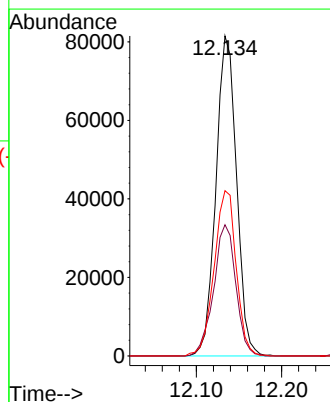
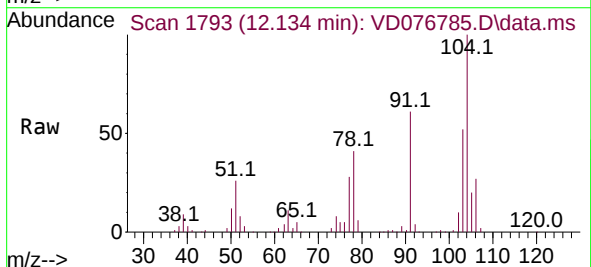
Instrument :
MSVOA_D
ClientSampleId :
VD0719SBS01

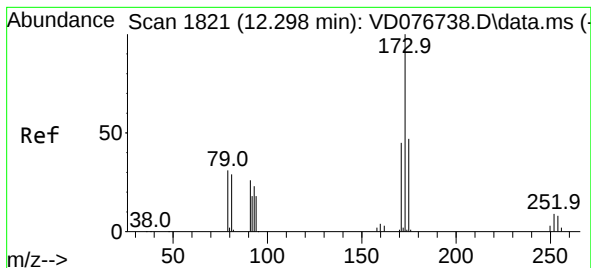
Tgt Ion:106 Resp: 78197
Ion Ratio Lower Upper
106 100
91 210.0 97.9 293.6



#70
Styrene
Concen: 21.557 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD076785.D
Acq: 19 Jul 2023 12:39

Tgt Ion:104 Resp: 137040
Ion Ratio Lower Upper
104 100
78 44.2 33.2 49.8
103 55.3 43.6 65.4





#71

Bromoform

Concen: 22.516 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD076785.D

Acq: 19 Jul 2023 12:39

Instrument :

MSVOA_D

ClientSampleId :

VD0719SBS01

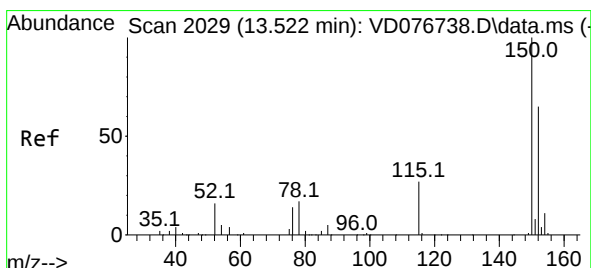
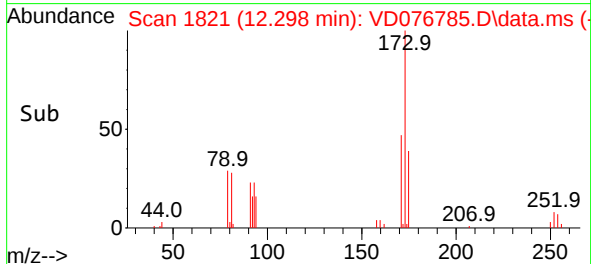
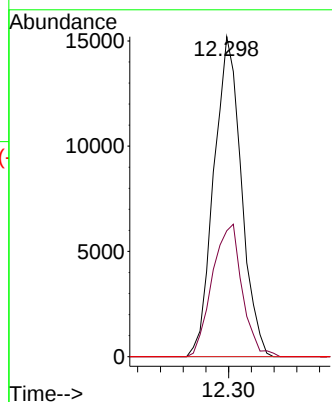
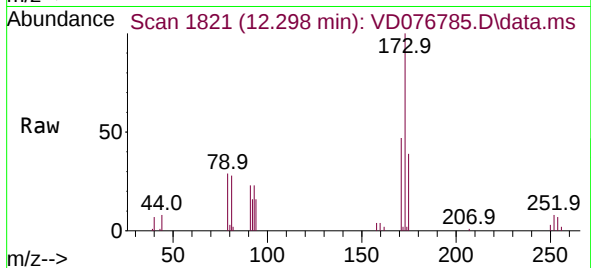
Tgt Ion:173 Resp: 25562

Ion Ratio Lower Upper

173 100

175 45.0 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: VD076785.D

Acq: 19 Jul 2023 12:39

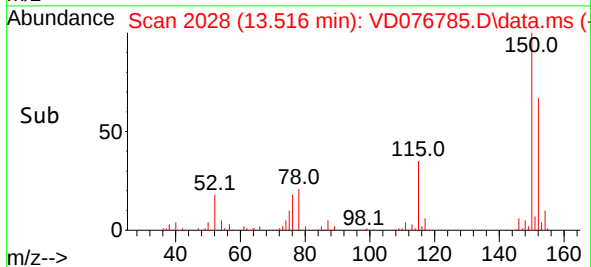
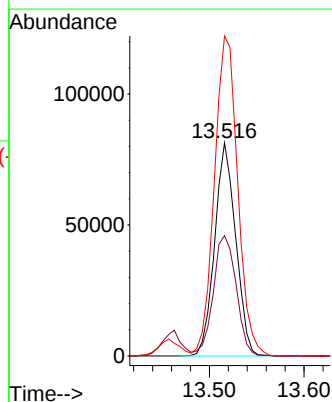
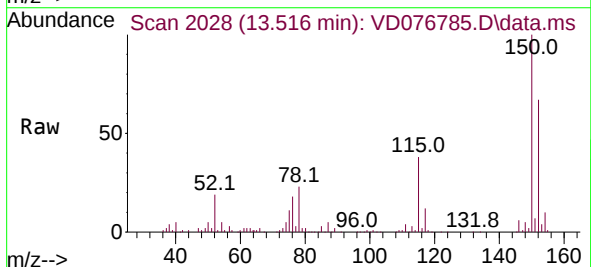
Tgt Ion:152 Resp: 125748

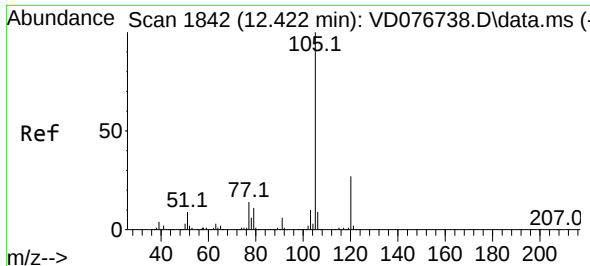
Ion Ratio Lower Upper

152 100

115 61.6 27.1 81.3

150 166.4 0.0 353.6

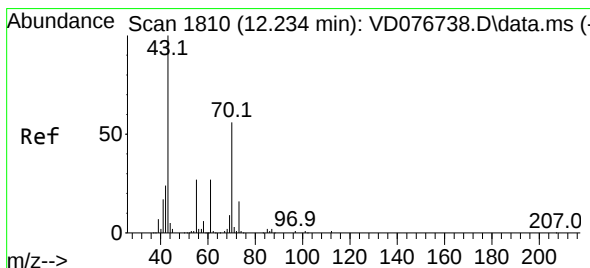
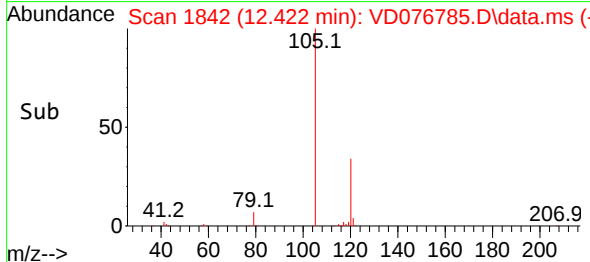
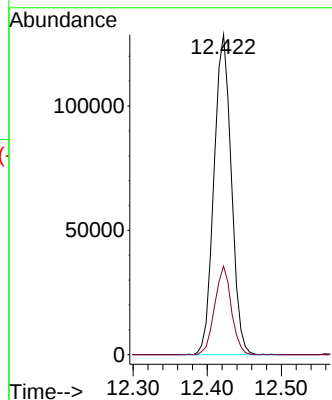
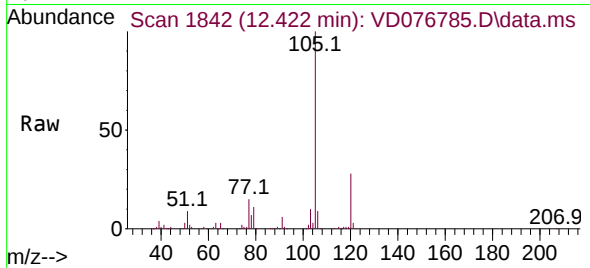




#73
Isopropylbenzene
Concen: 22.915 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD076785.D
Acq: 19 Jul 2023 12:39

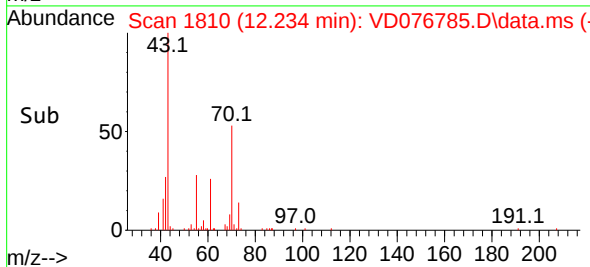
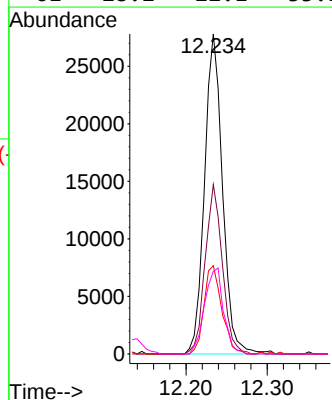
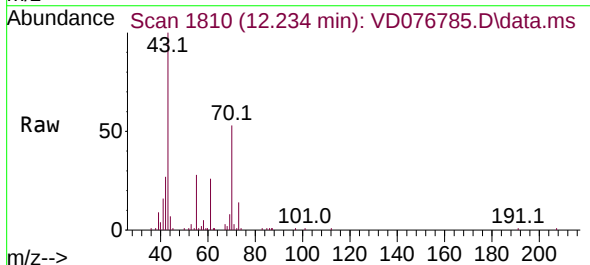
Instrument :
MSVOA_D
ClientSampleId :
VD0719SBS01

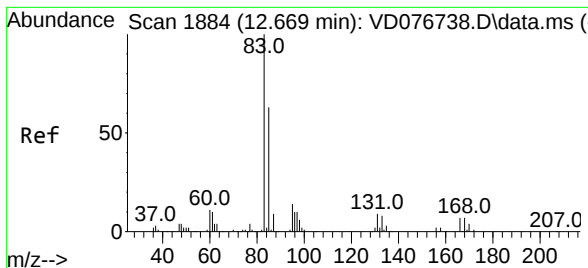
Tgt Ion:105 Resp: 209059
Ion Ratio Lower Upper
105 100
120 26.5 14.3 42.9



#74
N-ethyl acetate
Concen: 22.285 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD076785.D
Acq: 19 Jul 2023 12:39

Tgt Ion: 43 Resp: 42831
Ion Ratio Lower Upper
43 100
70 50.3 45.0 67.4
55 27.3 23.8 35.6
61 28.2 22.1 33.1

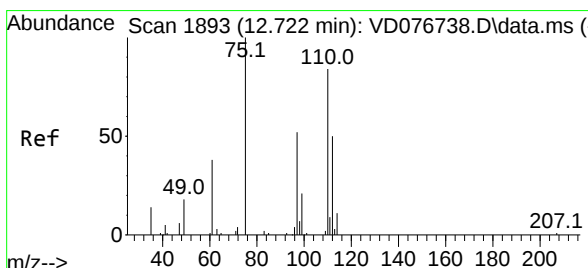
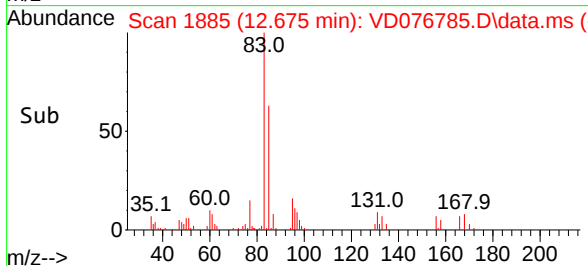
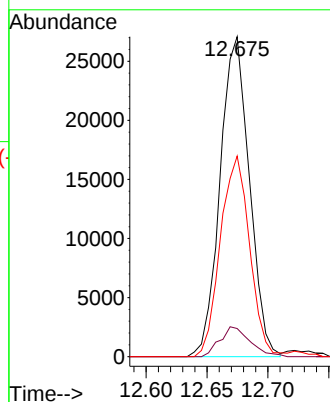
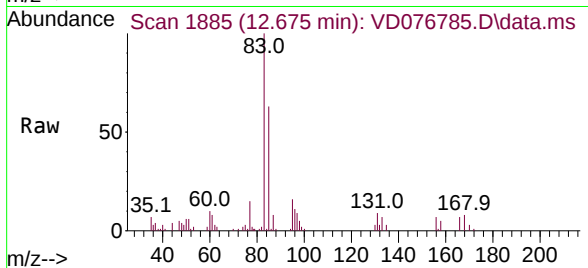




#75
 1,1,2,2-Tetrachloroethane
 Concen: 23.153 ug/l
 RT: 12.675 min Scan# 1885
 Delta R.T. 0.006 min
 Lab File: VD076785.D
 Acq: 19 Jul 2023 12:39

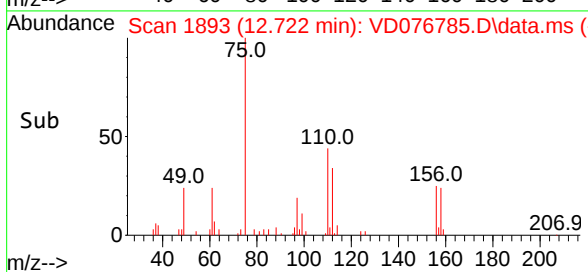
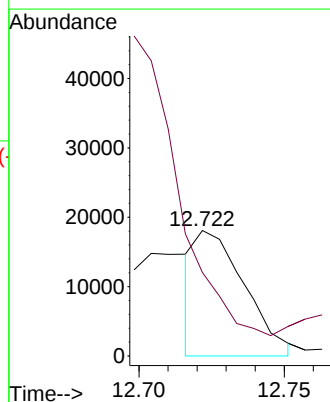
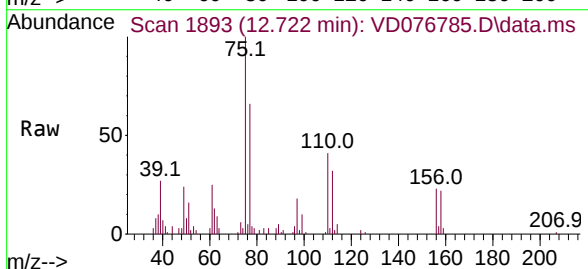
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0719SBS01

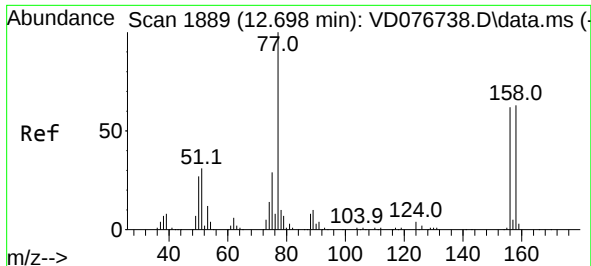
Tgt Ion: 83 Resp: 45353
 Ion Ratio Lower Upper
 83 100
 131 9.6 5.1 15.3
 85 62.7 32.6 97.8



#76
 1,2,3-Trichloropropane
 Concen: 17.798 ug/l m
 RT: 12.722 min Scan# 1893
 Delta R.T. -0.000 min
 Lab File: VD076785.D
 Acq: 19 Jul 2023 12:39

Tgt Ion: 75 Resp: 21284
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

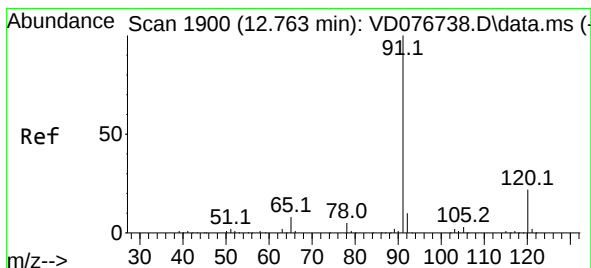
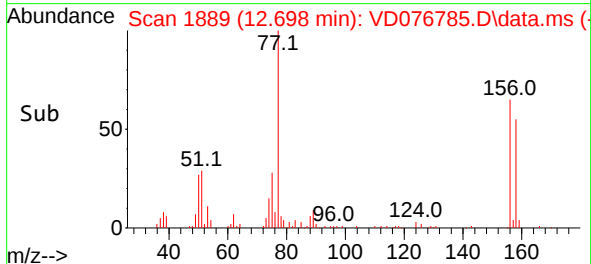
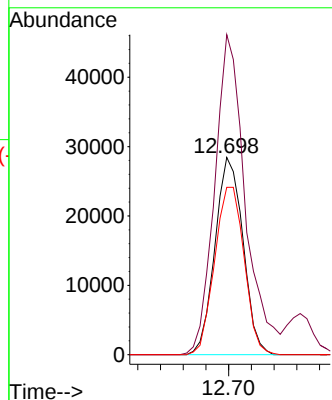
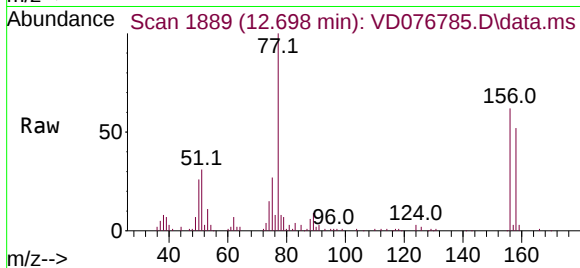




#77
Bromobenzene
Concen: 23.134 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VD076785.D
Acq: 19 Jul 2023 12:39

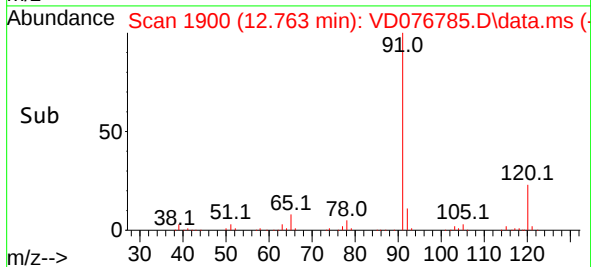
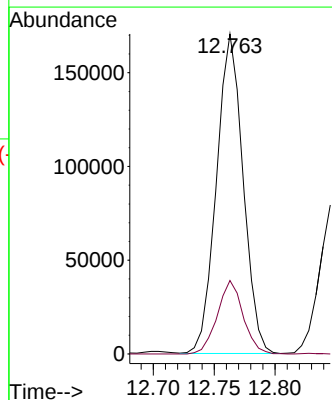
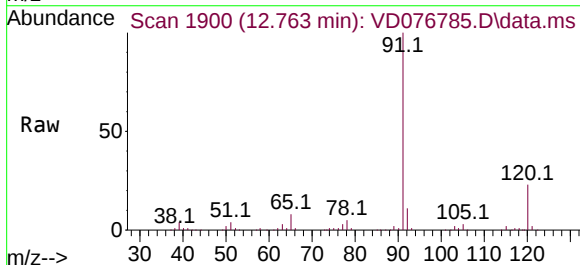
Instrument :
MSVOA_D
ClientSampleId :
VD0719SBS01

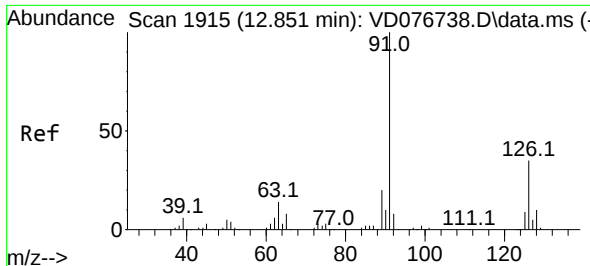
Tgt Ion:156 Resp: 48718
Ion Ratio Lower Upper
156 100
77 177.6 76.8 230.4
158 89.6 48.6 145.9



#78
n-propylbenzene
Concen: 23.472 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD076785.D
Acq: 19 Jul 2023 12:39

Tgt Ion: 91 Resp: 259610
Ion Ratio Lower Upper
91 100
120 22.2 12.4 37.2

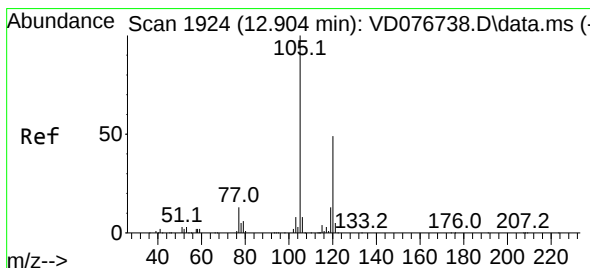
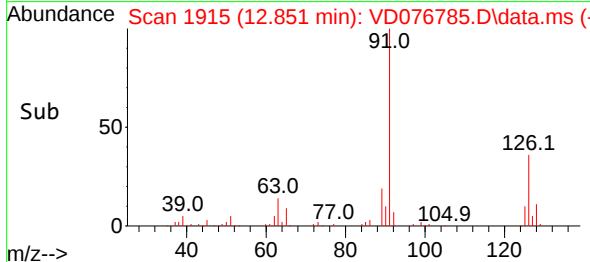
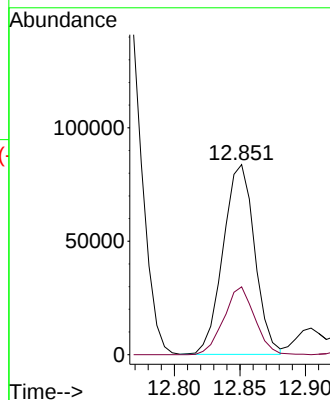
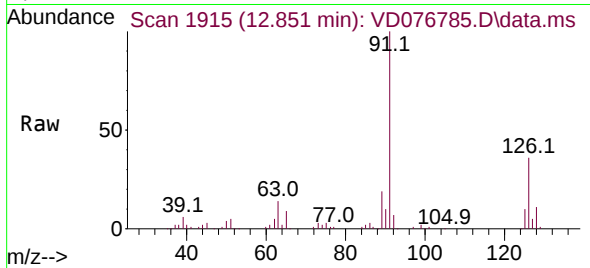




#79
2-Chlorotoluene
Concen: 23.130 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD076785.D
Acq: 19 Jul 2023 12:39

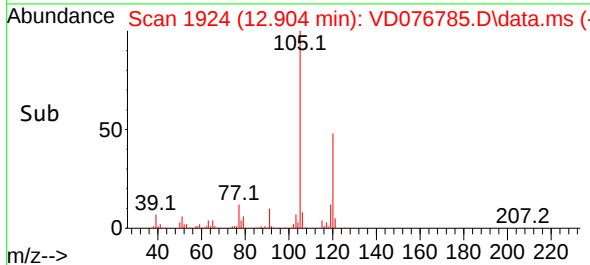
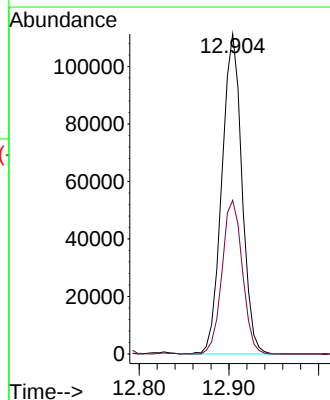
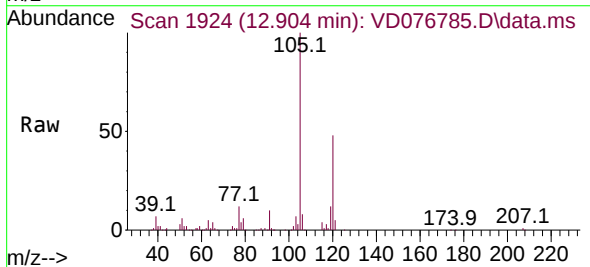
Instrument :
MSVOA_D
ClientSampleId :
VD0719SBS01

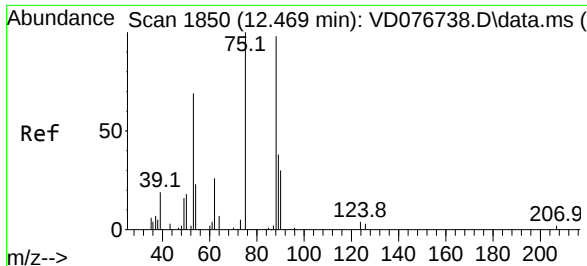
Tgt Ion: 91 Resp: 140271
Ion Ratio Lower Upper
91 100
126 35.0 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 23.379 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD076785.D
Acq: 19 Jul 2023 12:39

Tgt Ion: 105 Resp: 172468
Ion Ratio Lower Upper
105 100
120 48.6 26.4 79.2

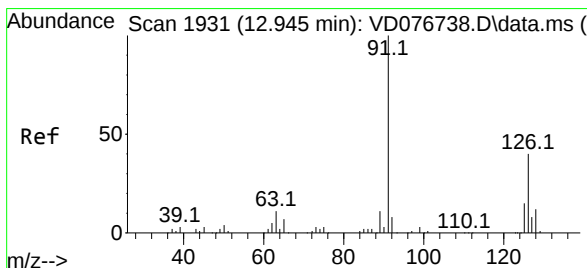
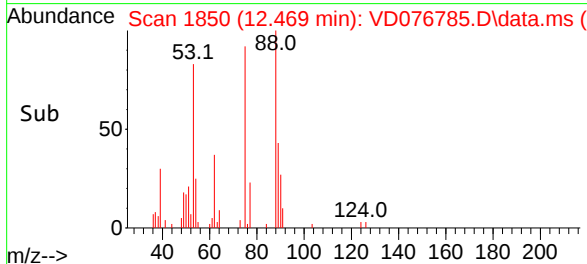
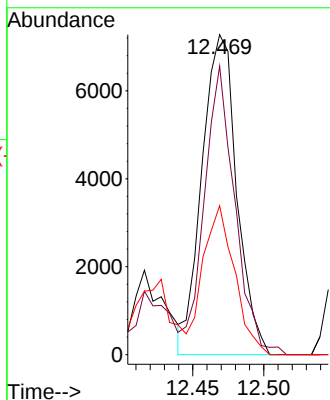
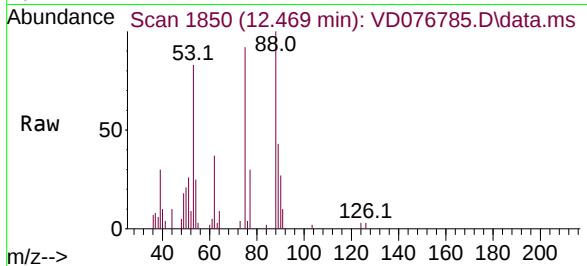




#81
trans-1,4-Dichloro-2-butene
Concen: 22.107 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD076785.D
Acq: 19 Jul 2023 12:39

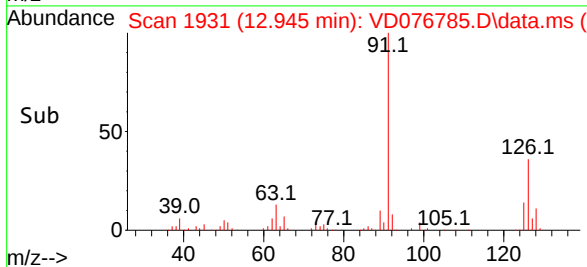
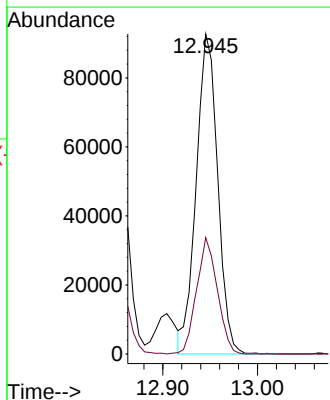
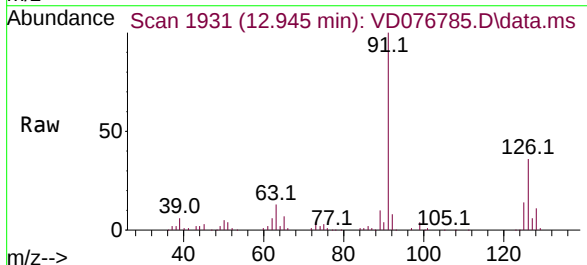
Instrument :
MSVOA_D
ClientSampleId :
VD0719SBS01

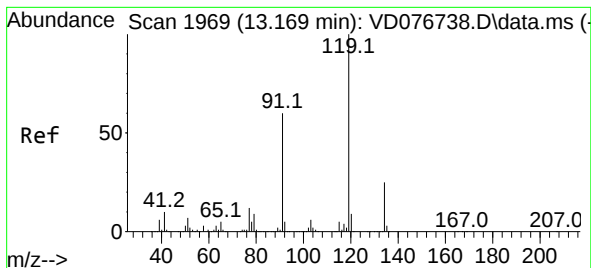
Tgt Ion:	75	Resp:	12422
Ion Ratio	Lower	Upper	
75	100		
53	79.3	63.0	94.4
89	42.1	37.9	56.9



#82
4-Chlorotoluene
Concen: 23.070 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD076785.D
Acq: 19 Jul 2023 12:39

Tgt Ion:	91	Resp:	146161
Ion Ratio	Lower	Upper	
91	100		
126	35.1	19.4	58.4





#83

tert-Butylbenzene

Concen: 23.414 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. -0.000 min

Lab File: VD076785.D

Acq: 19 Jul 2023 12:39

Instrument :

MSVOA_D

ClientSampleId :

VD0719SBS01

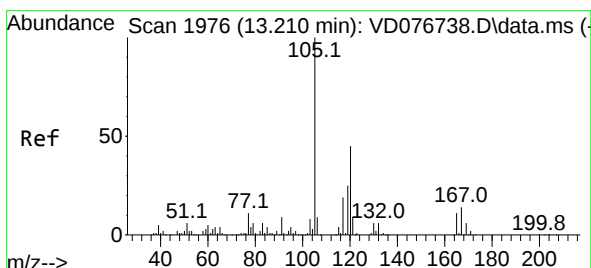
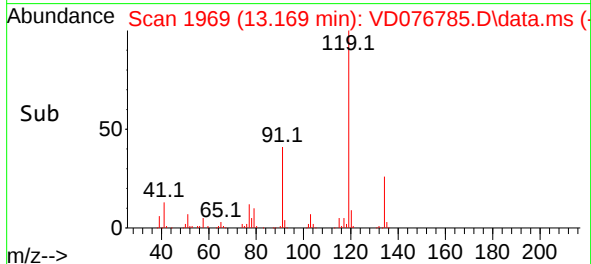
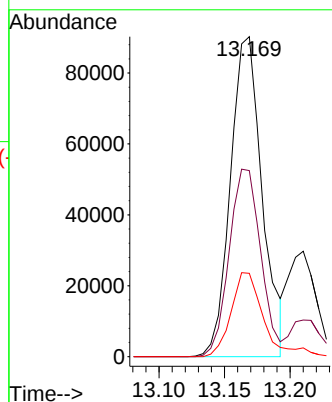
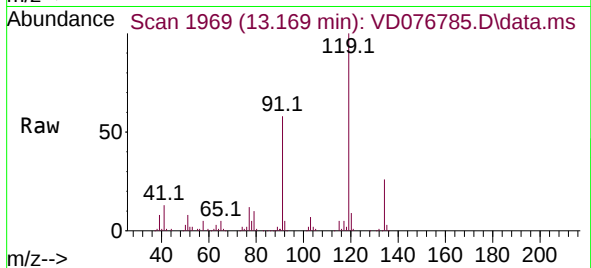
Tgt Ion:119 Resp: 152082

Ion Ratio Lower Upper

119 100

91 58.4 29.3 87.8

134 27.1 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 22.457 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD076785.D

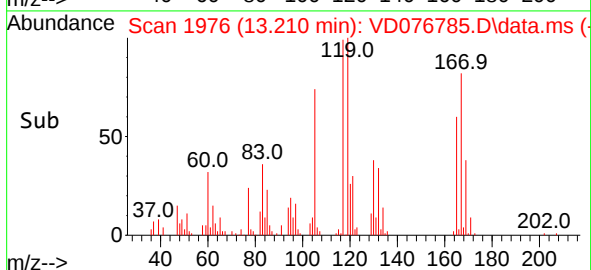
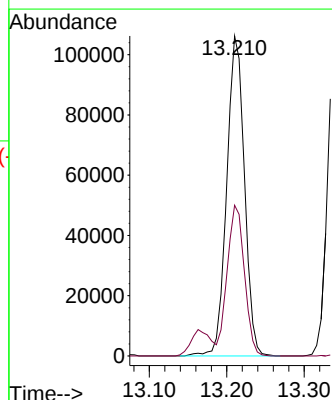
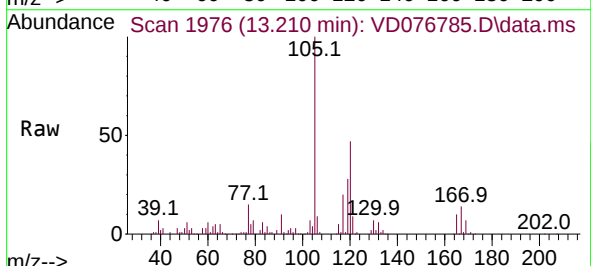
Acq: 19 Jul 2023 12:39

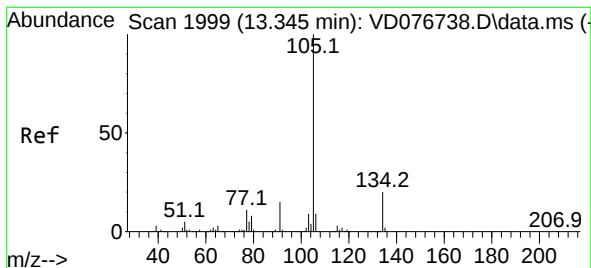
Tgt Ion:105 Resp: 169291

Ion Ratio Lower Upper

105 100

120 45.7 24.3 72.9





#85

sec-Butylbenzene

Concen: 23.759 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD076785.D

Acq: 19 Jul 2023 12:39

Instrument :

MSVOA_D

ClientSampleId :

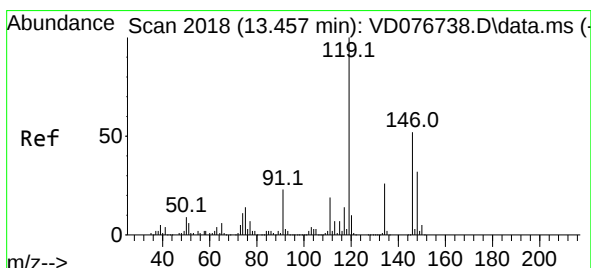
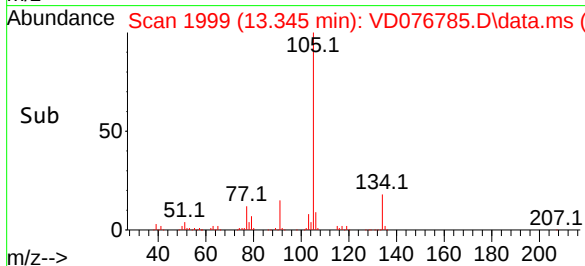
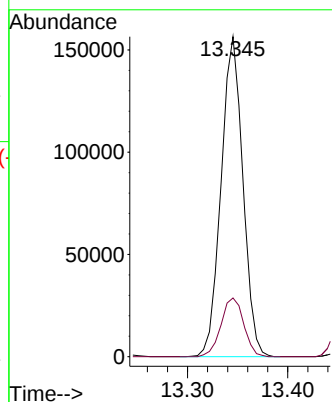
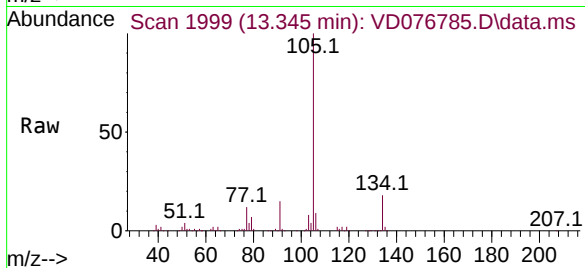
VD0719SBS01

Tgt Ion:105 Resp: 235783

Ion Ratio Lower Upper

105 100

134 19.1 10.9 32.9



#86

p-Isopropyltoluene

Concen: 23.008 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.006 min

Lab File: VD076785.D

Acq: 19 Jul 2023 12:39

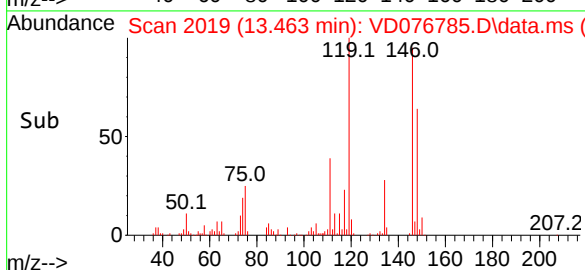
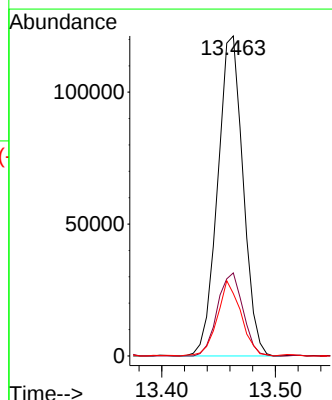
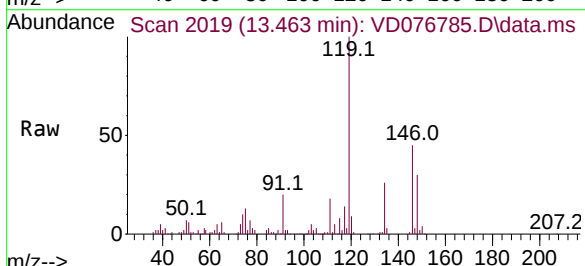
Tgt Ion:119 Resp: 188568

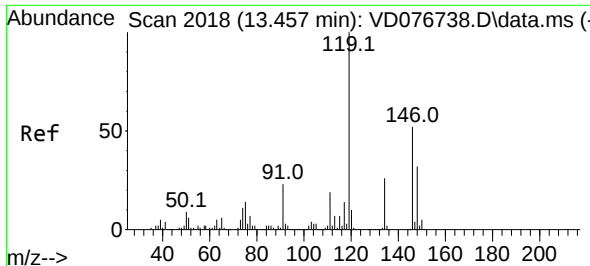
Ion Ratio Lower Upper

119 100

134 26.0 14.2 42.6

91 21.9 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 22.350 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD076785.D

Acq: 19 Jul 2023 12:39

Instrument :

MSVOA_D

ClientSampleId :

VD0719SBS01

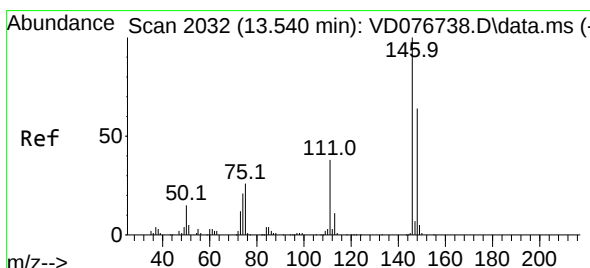
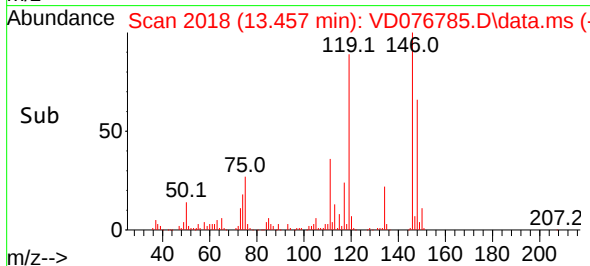
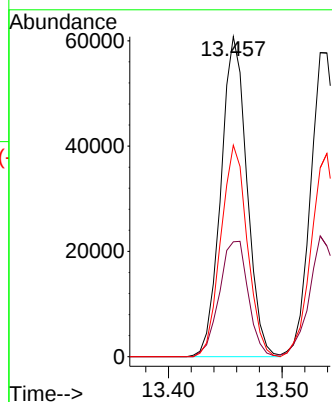
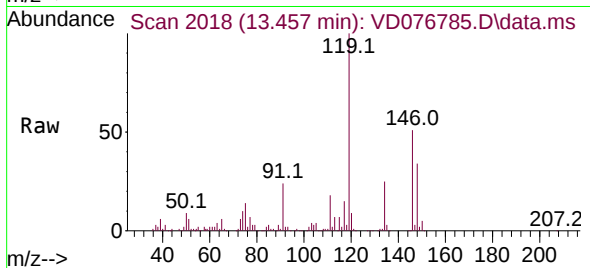
Tgt Ion:146 Resp: 96806

Ion Ratio Lower Upper

146 100

111 39.9 17.9 53.8

148 66.9 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 22.980 ug/l

RT: 13.534 min Scan# 2031

Delta R.T. -0.006 min

Lab File: VD076785.D

Acq: 19 Jul 2023 12:39

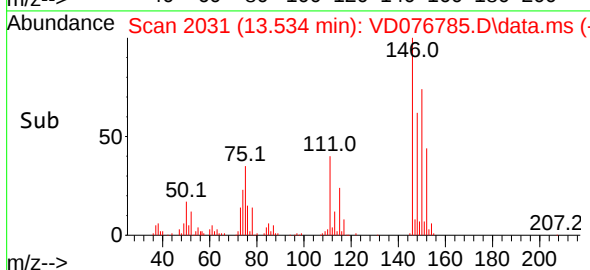
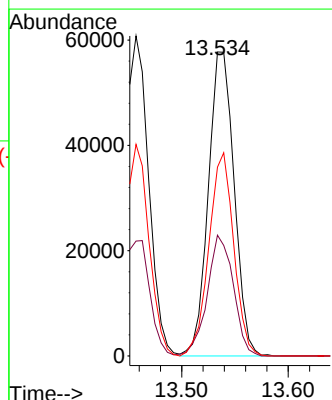
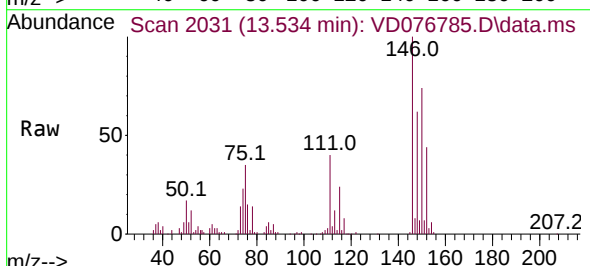
Tgt Ion:146 Resp: 97522

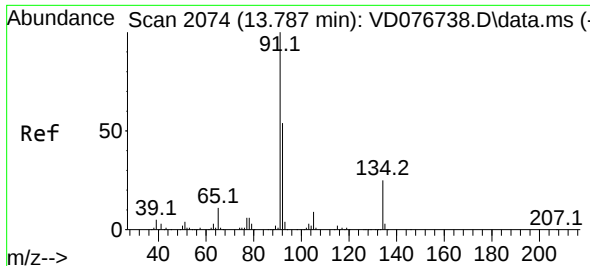
Ion Ratio Lower Upper

146 100

111 40.1 17.4 52.3

148 64.4 31.7 95.1

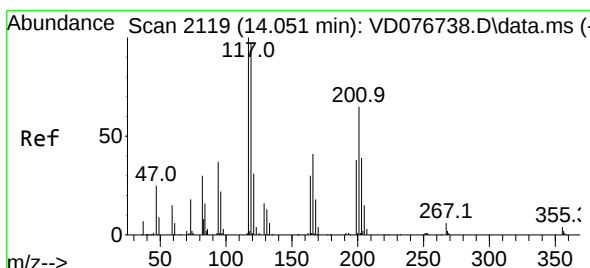
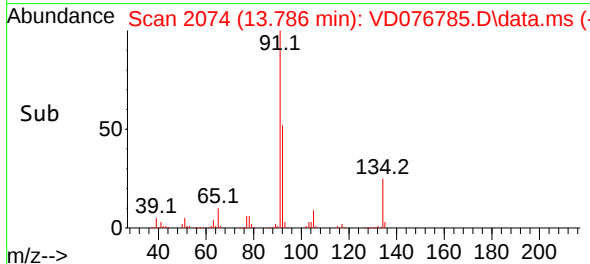
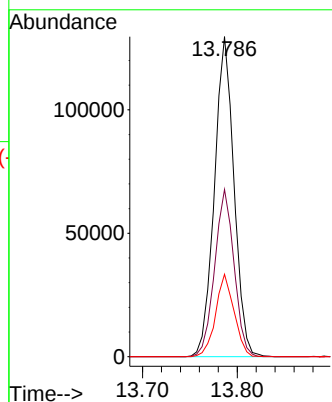
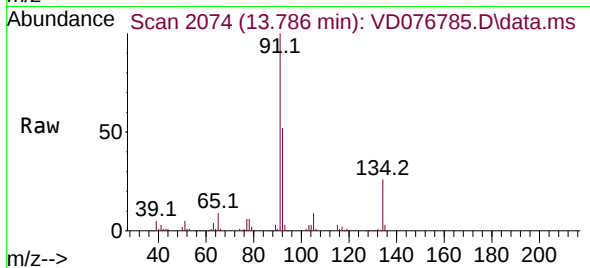




#89
n-Butylbenzene
Concen: 23.189 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. -0.001 min
Lab File: VD076785.D
Acq: 19 Jul 2023 12:39

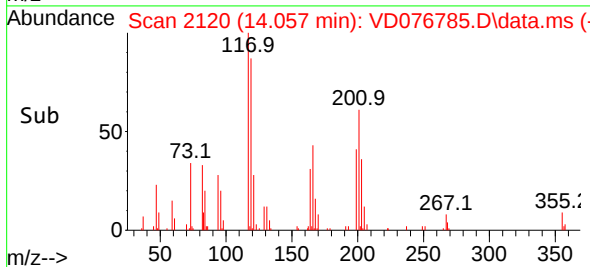
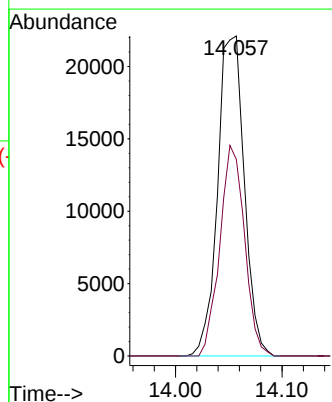
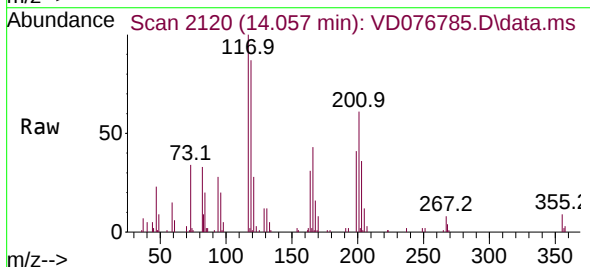
Instrument :
MSVOA_D
ClientSampleId :
VD0719SBS01

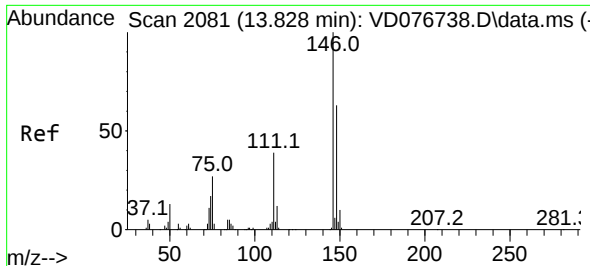
Tgt Ion: 91 Resp: 185971
Ion Ratio Lower Upper
91 100
92 52.0 26.5 79.5
134 24.3 13.8 41.3



#90
Hexachloroethane
Concen: 25.392 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.006 min
Lab File: VD076785.D
Acq: 19 Jul 2023 12:39

Tgt Ion: 117 Resp: 38474
Ion Ratio Lower Upper
117 100
201 61.0 38.5 115.5

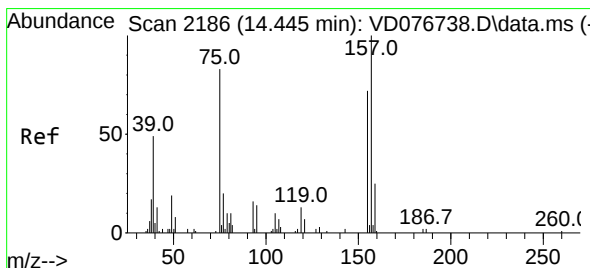
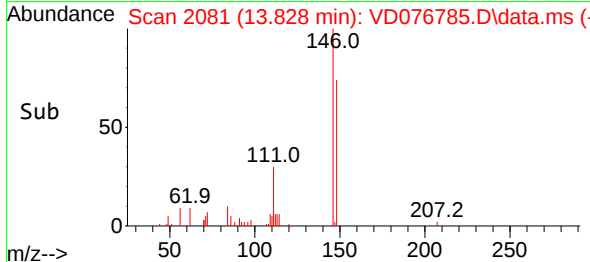
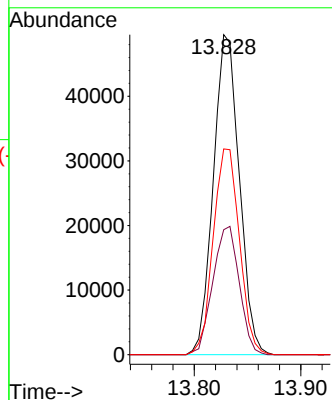
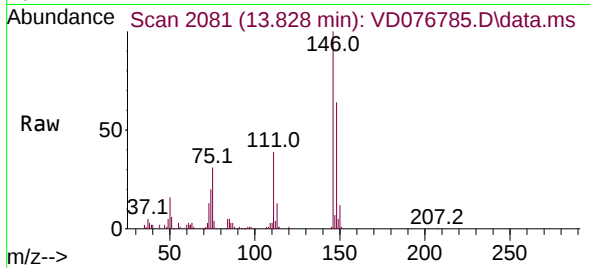




#91
 1,2-Dichlorobenzene
 Concen: 21.990 ug/l
 RT: 13.828 min Scan# 2081
 Delta R.T. -0.000 min
 Lab File: VD076785.D
 Acq: 19 Jul 2023 12:39

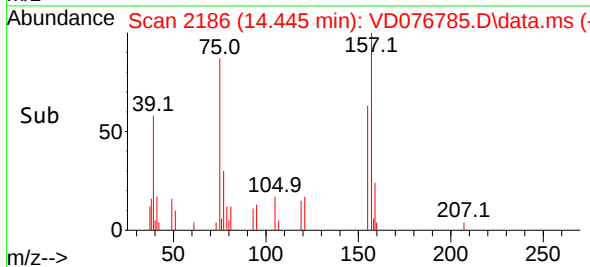
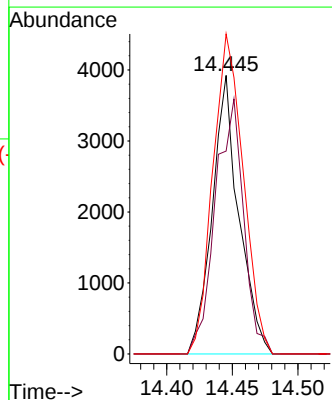
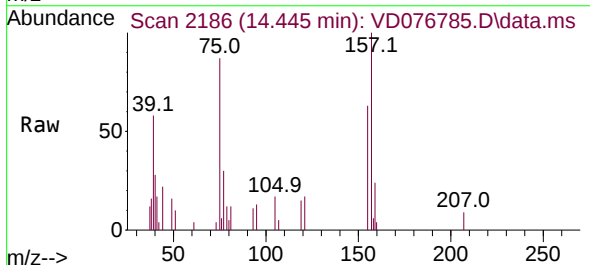
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0719SBS01

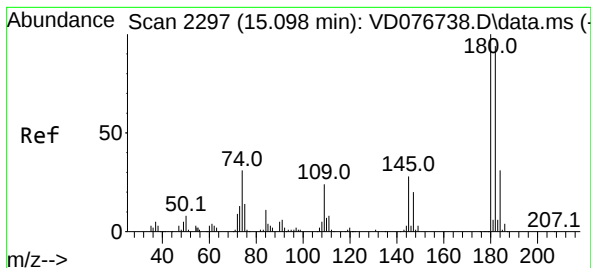
Tgt Ion:	146	Resp:	83928
Ion	Ratio	Lower	Upper
146	100		
111	40.8	18.3	54.8
148	64.9	31.6	94.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.864 ug/l
 RT: 14.445 min Scan# 2186
 Delta R.T. 0.000 min
 Lab File: VD076785.D
 Acq: 19 Jul 2023 12:39

Tgt Ion:	75	Resp:	5548
Ion	Ratio	Lower	Upper
75	100		
155	97.3	47.9	143.8
157	131.0	59.9	179.7





#93

1,2,4-Trichlorobenzene

Concen: 21.820 ug/l

RT: 15.098 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD076785.D

Acq: 19 Jul 2023 12:39

Instrument :

MSVOA_D

ClientSampleId :

VD0719SBS01

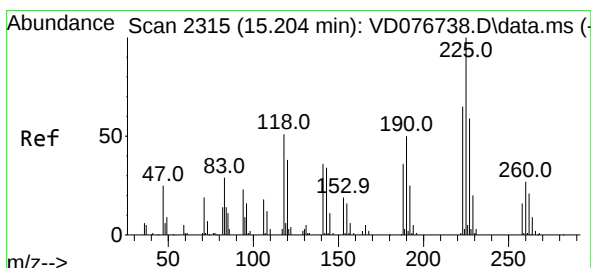
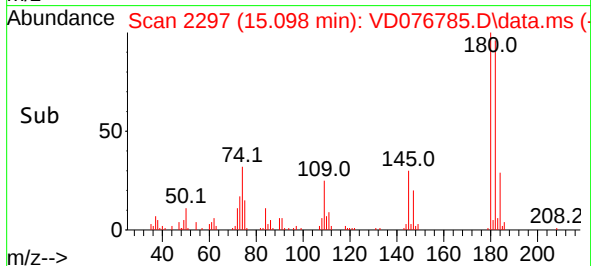
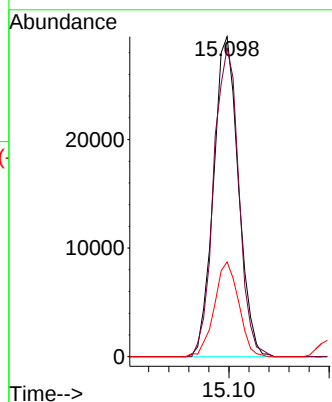
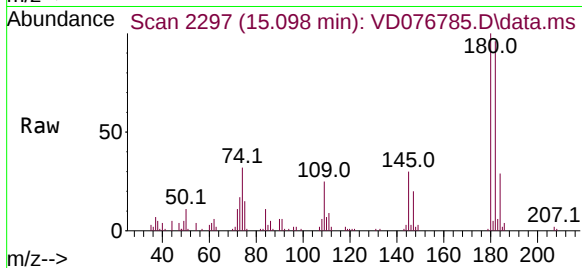
Tgt Ion:180 Resp: 50843

Ion Ratio Lower Upper

180 100

182 97.1 48.5 145.6

145 29.0 14.2 42.6



#94

Hexachlorobutadiene

Concen: 23.938 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD076785.D

Acq: 19 Jul 2023 12:39

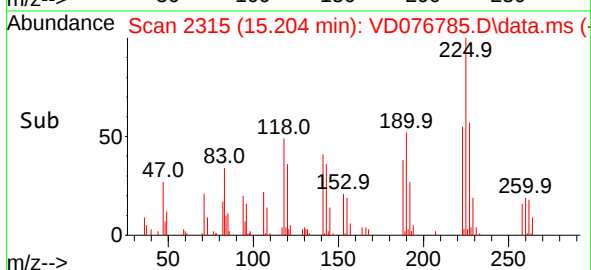
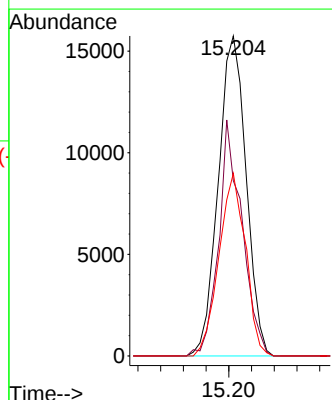
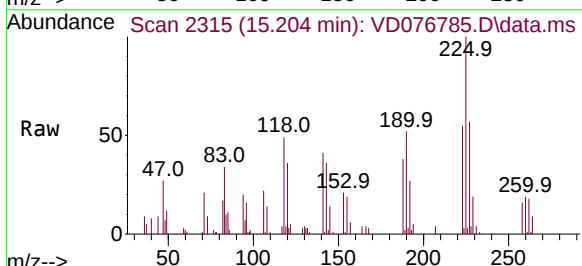
Tgt Ion:225 Resp: 26826

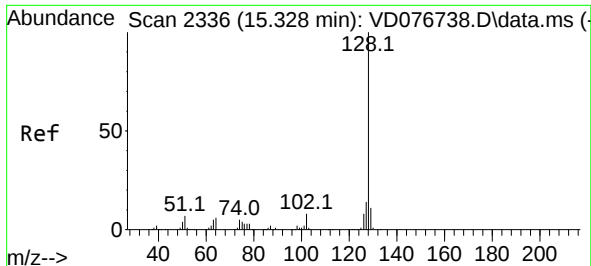
Ion Ratio Lower Upper

225 100

223 61.8 31.6 94.8

227 54.3 31.7 95.1

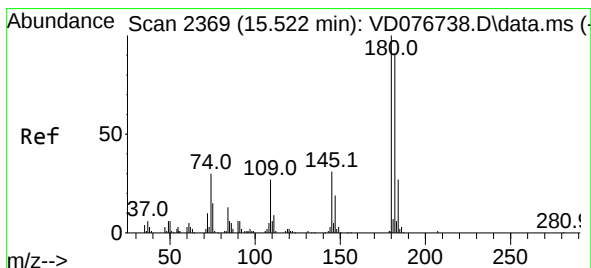
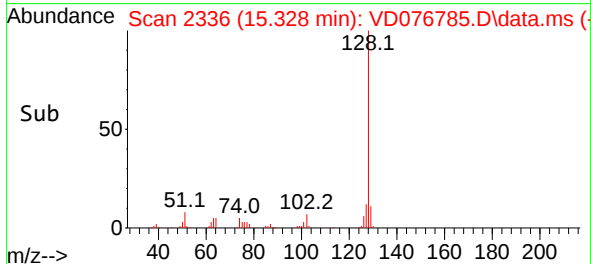
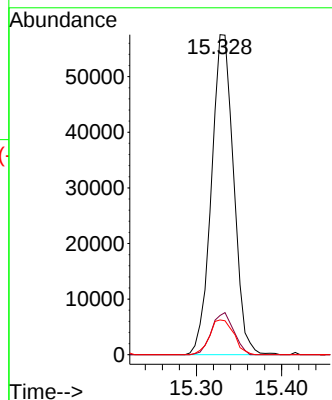
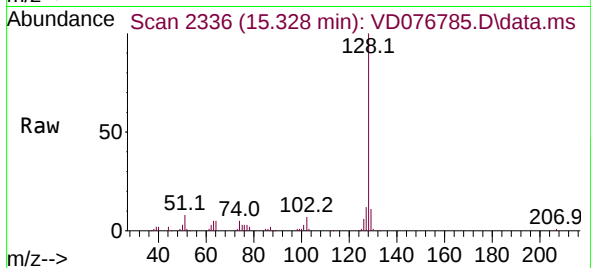




#95
Naphthalene
Concen: 20.678 ug/l
RT: 15.328 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD076785.D
Acq: 19 Jul 2023 12:39

Instrument :
MSVOA_D
ClientSampleId :
VD0719SBS01

Tgt Ion:	128	Resp:	104324
Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.5	15.7
129	10.9	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 21.616 ug/l
RT: 15.516 min Scan# 2368
Delta R.T. -0.006 min
Lab File: VD076785.D
Acq: 19 Jul 2023 12:39

Tgt Ion:	180	Resp:	45200
Ion	Ratio	Lower	Upper
180	100		
182	96.5	47.3	141.9
145	30.1	15.1	45.3

