

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071723\
 Data File : VD076748.D
 Acq On : 17 Jul 2023 12:13
 Operator : KP/SY
 Sample : VD0717SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0717SBS01

Quant Time: Jul 18 01:22:42 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	211528	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	380106	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	342926	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	166932	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	92800	44.046	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.100%
35) Dibromofluoromethane	7.805	113	110324	46.187	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.380%
50) Toluene-d8	10.269	98	380865	44.572	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.140%
62) 4-Bromofluorobenzene	12.575	95	124855	45.167	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	90.340%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.928	85	38662	23.373	ug/l	98
3) Chloromethane	2.146	50	56013	19.630	ug/l	99
4) Vinyl Chloride	2.275	62	77389	20.346	ug/l	98
5) Bromomethane	2.675	94	60159	19.223	ug/l	97
6) Chloroethane	2.823	64	56998	19.847	ug/l	97
7) Trichlorofluoromethane	3.164	101	72398	21.391	ug/l	100
8) Diethyl Ether	3.593	74	23166	19.880	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.958	101	47362	21.288	ug/l	98
10) Methyl Iodide	4.152	142	53704	21.414	ug/l	92
11) Tert butyl alcohol	5.058	59	18728	119.121	ug/l	# 94
12) 1,1-Dichloroethene	3.928	96	42873	20.511	ug/l	90
13) Acrolein	3.793	56	11926	111.314	ug/l	96
14) Allyl chloride	4.546	41	52854	19.249	ug/l	92
15) Acrylonitrile	5.264	53	53229	93.004	ug/l	100
16) Acetone	4.022	43	47838	95.073	ug/l	96
17) Carbon Disulfide	4.264	76	99413	20.363	ug/l	100
18) Methyl Acetate	4.558	43	37481	19.826	ug/l	94
19) Methyl tert-butyl Ether	5.311	73	110557	19.724	ug/l	98
20) Methylene Chloride	4.805	84	60900	12.628	ug/l	95
21) trans-1,2-Dichloroethene	5.311	96	49637	20.430	ug/l	90
22) Diisopropyl ether	6.216	45	126497	19.455	ug/l	98
23) Vinyl Acetate	6.152	43	288943	89.813	ug/l	93
24) 1,1-Dichloroethane	6.105	63	86408	19.710	ug/l	97
25) 2-Butanone	7.081	43	68466	101.670	ug/l	92
26) 2,2-Dichloropropane	7.075	77	78798	20.851	ug/l	92
27) cis-1,2-Dichloroethene	7.075	96	60708	20.268	ug/l	95
28) Bromochloromethane	7.422	49	24632	22.474	ug/l	88
29) Tetrahydrofuran	7.446	42	37628	94.571	ug/l	92
30) Chloroform	7.593	83	99801	20.785	ug/l	94
31) Cyclohexane	7.875	56	63674	20.535	ug/l	# 95
32) 1,1,1-Trichloroethane	7.793	97	81734	21.098	ug/l	99
36) 1,1-Dichloropropene	8.005	75	65711	21.053	ug/l	97
37) Ethyl Acetate	7.169	43	25190	18.046	ug/l	98
38) Carbon Tetrachloride	7.987	117	62819	21.019	ug/l	96
39) Methylcyclohexane	9.275	83	74598	20.699	ug/l	95
40) Benzene	8.252	78	207688	21.089	ug/l	99

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 ClientSampleId :
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Quant Time: Jul 18 01:22:42 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)
41) Methacrylonitrile	7.405	41	15304	17.954	ug/l #	94
42) 1,2-Dichloroethane	8.322	62	53224	20.800	ug/l	98
43) Isopropyl Acetate	8.358	43	52894	19.417	ug/l	94
44) Trichloroethene	9.028	130	55707	20.758	ug/l	90
45) 1,2-Dichloropropane	9.305	63	51796	20.374	ug/l	98
46) Dibromomethane	9.393	93	30252	20.330	ug/l	94
47) Bromodichloromethane	9.581	83	77143	20.658	ug/l	100
48) Methyl methacrylate	9.381	41	22475	18.127	ug/l	87
49) 1,4-Dioxane	9.381	88	7131	374.033	ug/l	98
51) 4-Methyl-2-Pentanone	10.157	43	135768	93.605	ug/l	95
52) Toluene	10.334	92	134013	20.719	ug/l	94
53) t-1,3-Dichloropropene	10.552	75	68826	19.857	ug/l	95
54) cis-1,3-Dichloropropene	10.016	75	79839	19.545	ug/l #	92
55) 1,1,2-Trichloroethane	10.734	97	45302	20.848	ug/l	97
56) Ethyl methacrylate	10.599	69	48424	19.308	ug/l #	91
57) 1,3-Dichloropropane	10.881	76	69777	19.718	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	97738	100.678	ug/l	98
59) 2-Hexanone	10.922	43	98122	94.809	ug/l	93
60) Dibromochloromethane	11.069	129	51005	20.205	ug/l	93
61) 1,2-Dibromoethane	11.175	107	39862	19.787	ug/l	98
64) Tetrachloroethene	10.810	164	46310	23.683	ug/l	93
65) Chlorobenzene	11.604	112	151299	21.937	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	54161	21.093	ug/l	98
67) Ethyl Benzene	11.687	91	252168	20.819	ug/l	97
68) m/p-Xylenes	11.793	106	195246	41.971	ug/l	91
69) o-Xylene	12.122	106	92403	20.541	ug/l	90
70) Styrene	12.134	104	162211	20.599	ug/l	97
71) Bromoform	12.298	173	29181	20.750	ug/l #	97
73) Isopropylbenzene	12.422	105	252313	20.833	ug/l	94
74) N-amyl acetate	12.234	43	47641	18.672	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.675	83	52213	20.079	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	56883	35.832	ug/l #	100
77) Bromobenzene	12.698	156	57613	20.609	ug/l	88
78) n-propylbenzene	12.763	91	301746	20.551	ug/l	96
79) 2-Chlorotoluene	12.846	91	165425	20.548	ug/l	96
80) 1,3,5-Trimethylbenzene	12.904	105	201292	20.555	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	14066	18.857	ug/l	98
82) 4-Chlorotoluene	12.945	91	174692	20.771	ug/l	94
83) tert-Butylbenzene	13.163	119	180168	20.895	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	200239	20.009	ug/l	98
85) sec-Butylbenzene	13.345	105	275513	20.913	ug/l	96
86) p-Isopropyltoluene	13.457	119	222783	20.477	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	118019	20.525	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	118567	21.047	ug/l	98
89) n-Butylbenzene	13.787	91	219765	20.642	ug/l	97
90) Hexachloroethane	14.051	117	43734	21.743	ug/l	88
91) 1,2-Dichlorobenzene	13.828	146	105034	20.730	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	7264	19.592	ug/l	96
93) 1,2,4-Trichlorobenzene	15.092	180	62001	20.044	ug/l	96
94) Hexachlorobutadiene	15.204	225	31645	21.271	ug/l	98
95) Naphthalene	15.328	128	128746	19.223	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	56966	20.522	ug/l	98

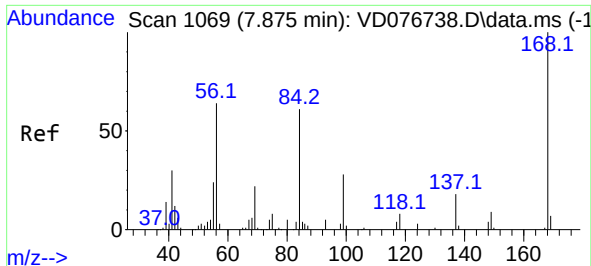
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071723\
Data File : VD076748.D
Acq On : 17 Jul 2023 12:13
Operator : KP/SY
Sample : VD0717SBSD01
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Time: Jul 18 01:22:42 2023
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Quant Title : SW846 8260
QLast Update : Mon Jul 17 08:07:52 2023
Response via : Initial Calibration

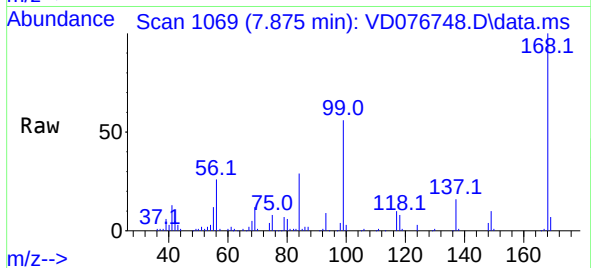
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

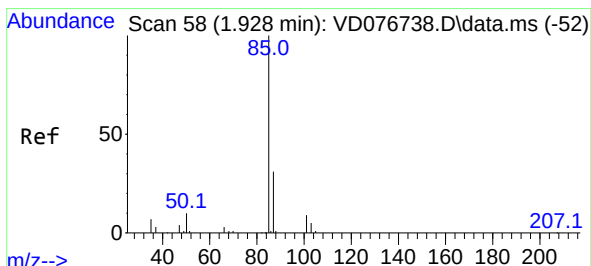
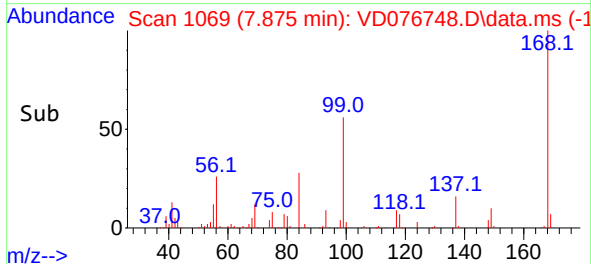
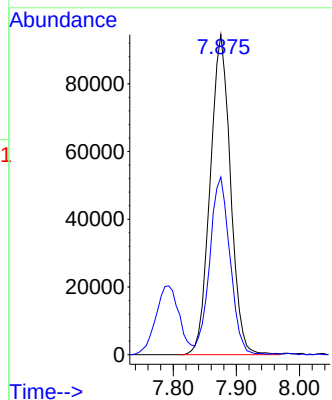


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13

Instrument :
MSVOA_D
ClientSampleId :
VD0717SBSD01

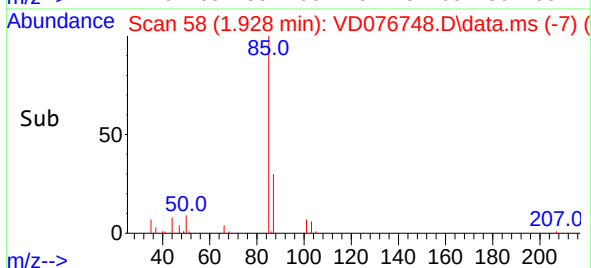
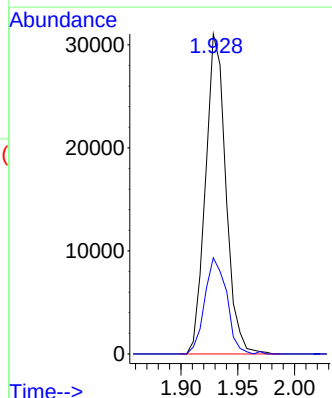
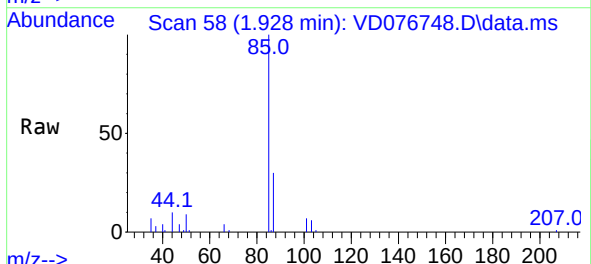


Tgt Ion:168 Resp: 211528
Ion Ratio Lower Upper
168 100
99 55.3 36.7 55.1#

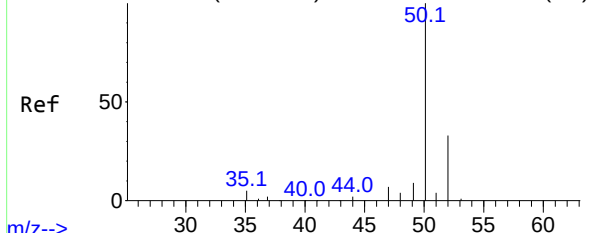


#2
Dichlorodifluoromethane
Concen: 23.373 ug/l
RT: 1.928 min Scan# 58
Delta R.T. 0.000 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13

Tgt Ion: 85 Resp: 38662
Ion Ratio Lower Upper
85 100
87 30.1 15.7 47.0

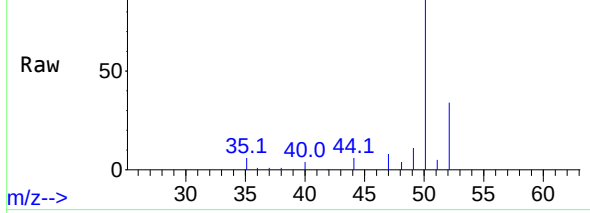


Abundance Scan 95 (2.146 min): VD076738.D\data.ms (-88)



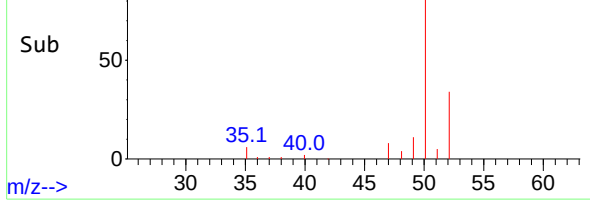
m/z-->

Abundance Scan 95 (2.146 min): VD076748.D\data.ms



m/z-->

Abundance Scan 95 (2.146 min): VD076748.D\data.ms (-44)



m/z-->

#3

Chloromethane

Concen: 19.630 ug/l

RT: 2.146 min Scan# 95

Delta R.T. 0.000 min

Lab File: VD076748.D

Acq: 17 Jul 2023 12:13

Instrument :

MSVOA_D

ClientSampleId :

VD0717SBSD01

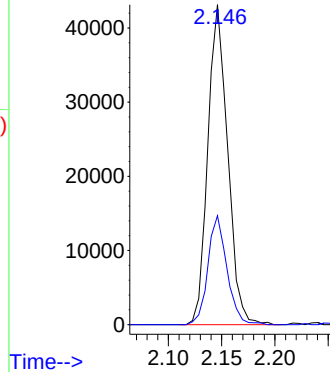
Tgt Ion: 50 Resp: 56013

Ion Ratio Lower Upper

50 100

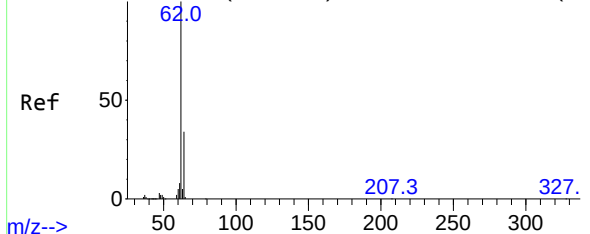
52 34.1 26.6 40.0

Abundance



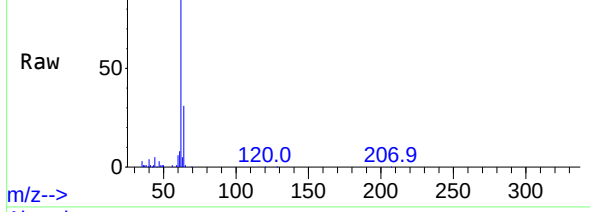
Time-->

Abundance Scan 117 (2.275 min): VD076738.D\data.ms (-11)



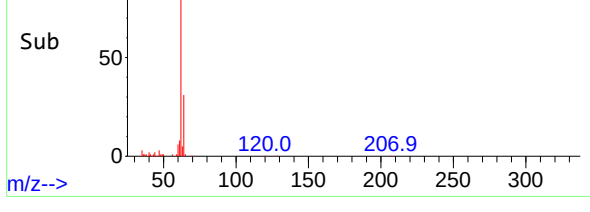
m/z-->

Abundance Scan 117 (2.275 min): VD076748.D\data.ms



m/z-->

Abundance Scan 117 (2.275 min): VD076748.D\data.ms (-66)



m/z-->

#4

Vinyl Chloride

Concen: 20.346 ug/l

RT: 2.275 min Scan# 117

Delta R.T. 0.000 min

Lab File: VD076748.D

Acq: 17 Jul 2023 12:13

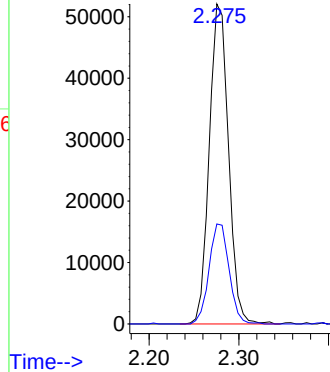
Tgt Ion: 62 Resp: 77389

Ion Ratio Lower Upper

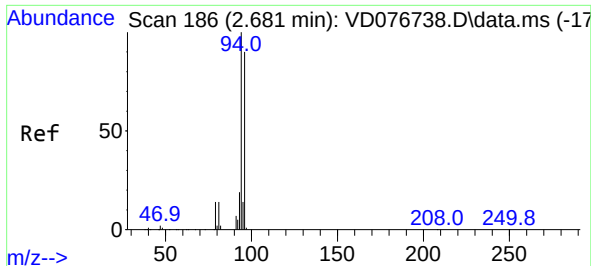
62 100

64 31.3 26.0 39.0

Abundance



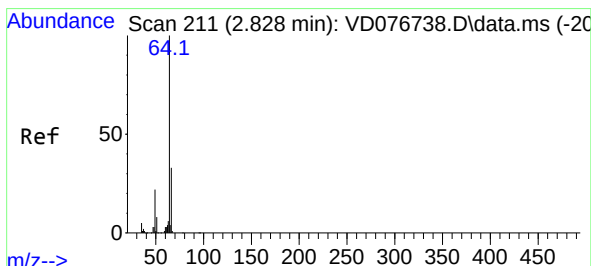
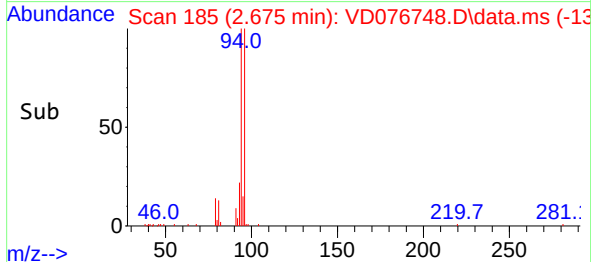
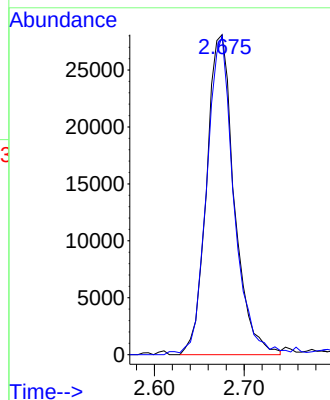
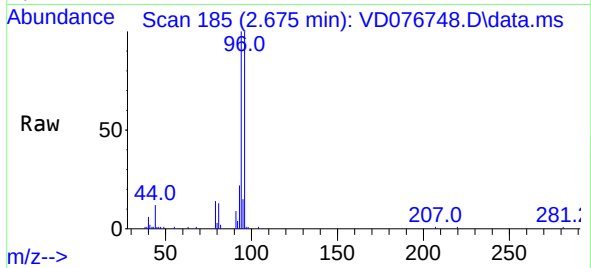
Time-->



#5
Bromomethane
Concen: 19.223 ug/l
RT: 2.675 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13

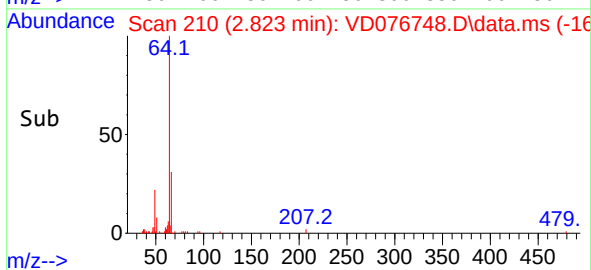
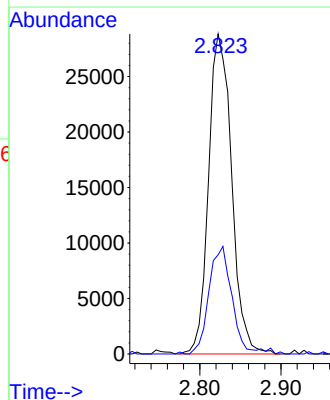
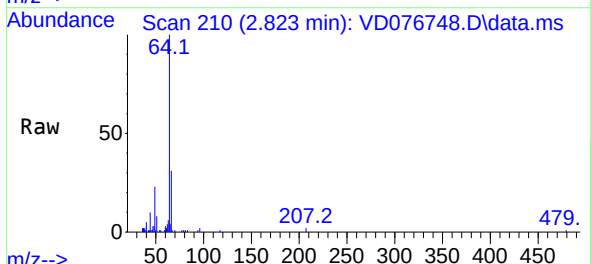
Instrument :
MSVOA_D
ClientSampleId :
VD0717SBSD01

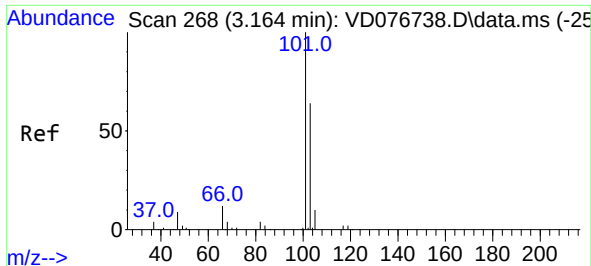
Tgt Ion: 94 Resp: 60159
Ion Ratio Lower Upper
94 100
96 97.7 75.8 113.8



#6
Chloroethane
Concen: 19.847 ug/l
RT: 2.823 min Scan# 210
Delta R.T. -0.005 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13

Tgt Ion: 64 Resp: 56998
Ion Ratio Lower Upper
64 100
66 30.4 25.5 38.3

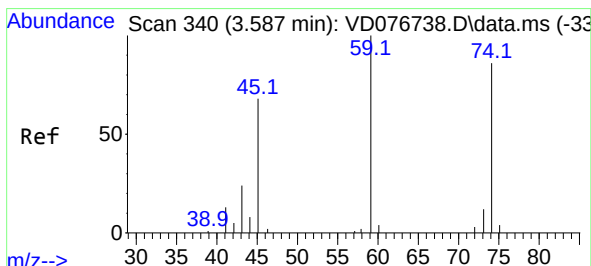
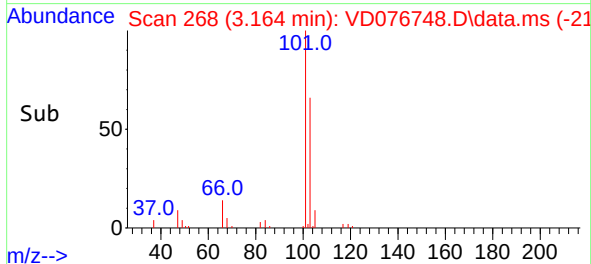
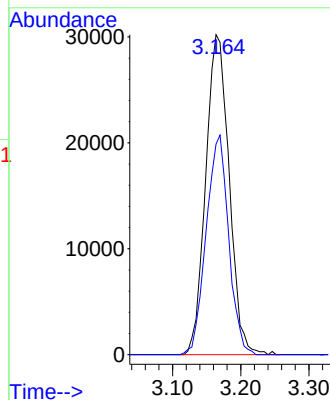
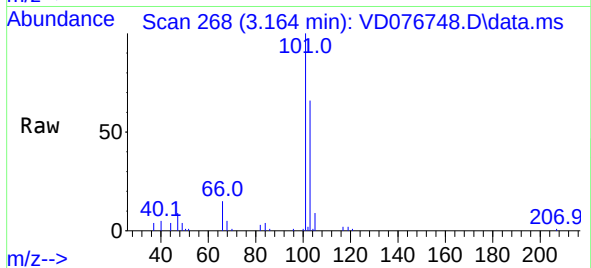




#7
 Trichlorofluoromethane
 Concen: 21.391 ug/l
 RT: 3.164 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VD076748.D
 Acq: 17 Jul 2023 12:13

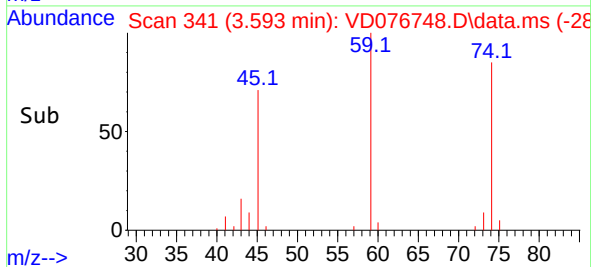
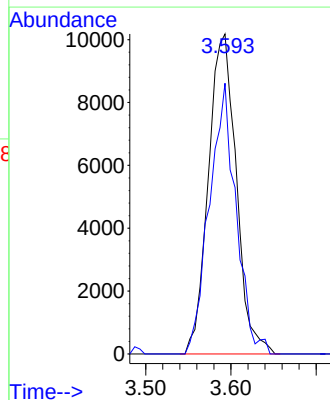
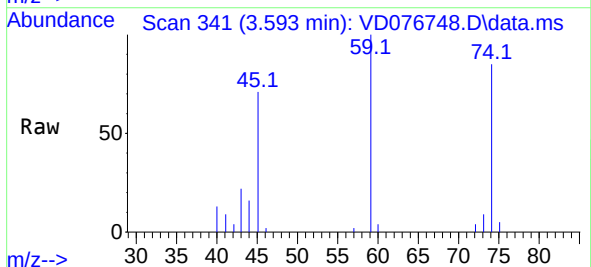
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0717SBSD01

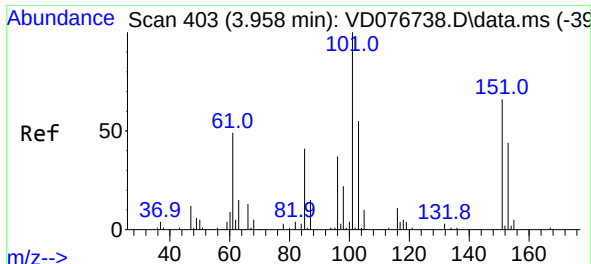
Tgt Ion:101 Resp: 72398
 Ion Ratio Lower Upper
 101 100
 103 65.8 52.3 78.5



#8
 Diethyl Ether
 Concen: 19.880 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VD076748.D
 Acq: 17 Jul 2023 12:13

Tgt Ion: 74 Resp: 23166
 Ion Ratio Lower Upper
 74 100
 45 81.0 37.5 112.7

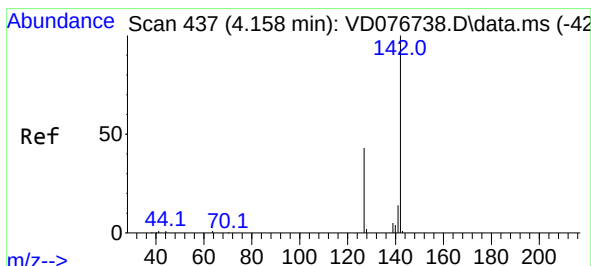
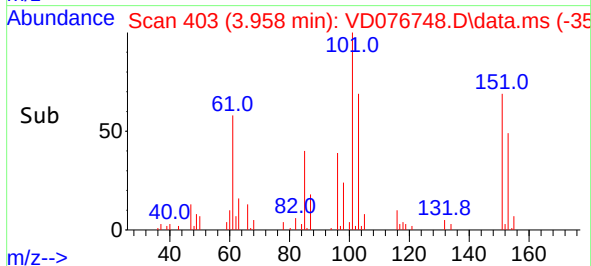
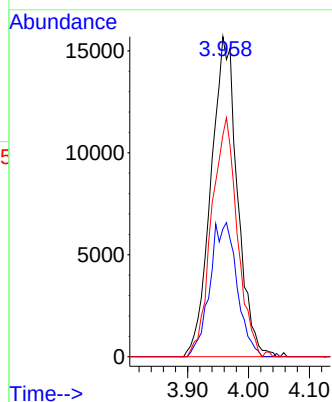
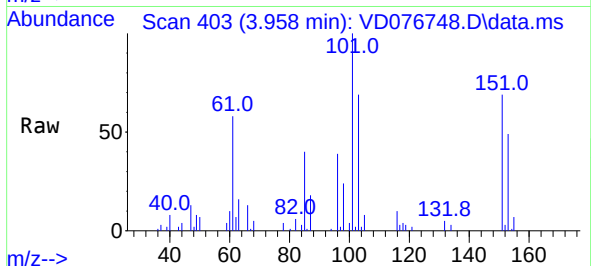




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.288 ug/l
RT: 3.958 min Scan# 403
Delta R.T. -0.000 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13

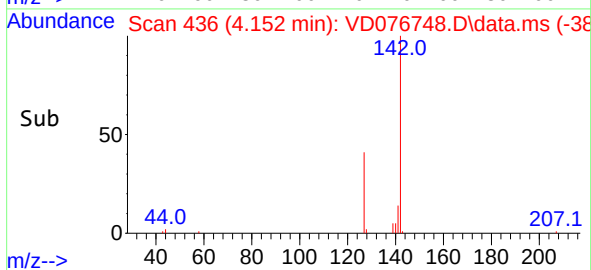
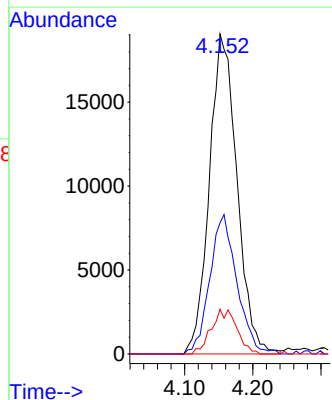
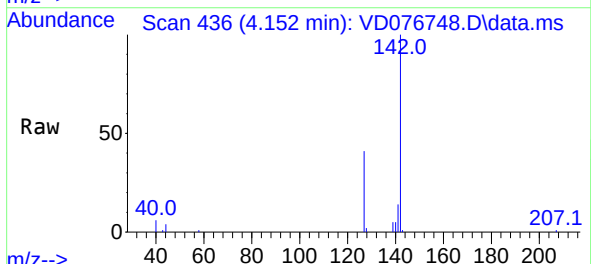
Instrument :
MSVOA_D
ClientSampleId :
VD0717SBSD01

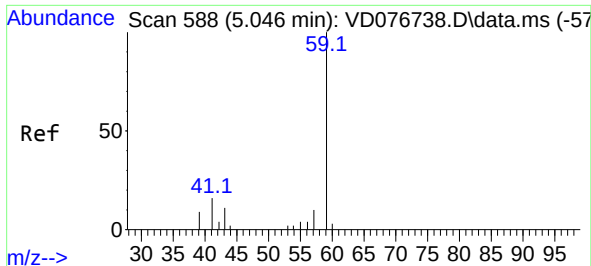
Tgt Ion:	101	Resp:	47362
Ion	Ratio	Lower	Upper
101	100		
85	43.2	33.8	50.6
151	72.3	59.8	89.6



#10
Methyl Iodide
Concen: 21.414 ug/l
RT: 4.152 min Scan# 436
Delta R.T. -0.006 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13

Tgt Ion:	142	Resp:	53704
Ion	Ratio	Lower	Upper
142	100		
127	42.8	29.4	44.0
141	12.9	11.1	16.7

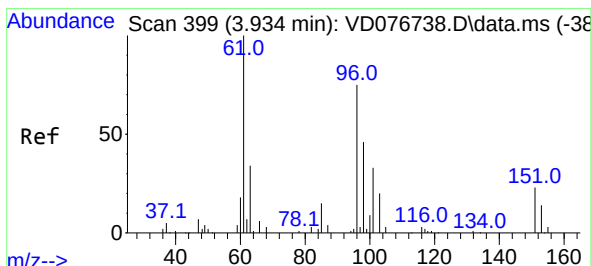
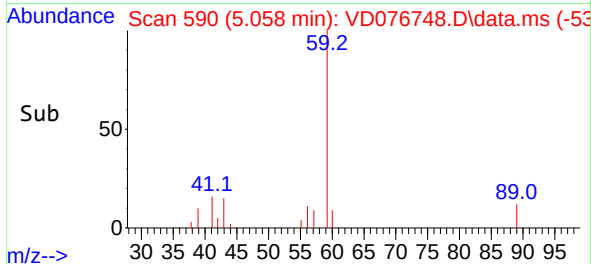
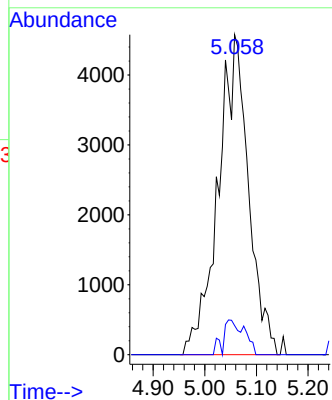
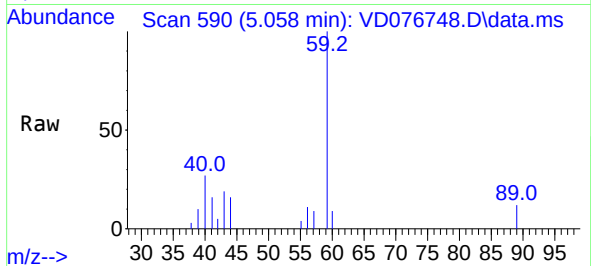




#11
Tert butyl alcohol
Concen: 119.121 ug/l
RT: 5.058 min Scan# 591
Delta R.T. 0.012 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13

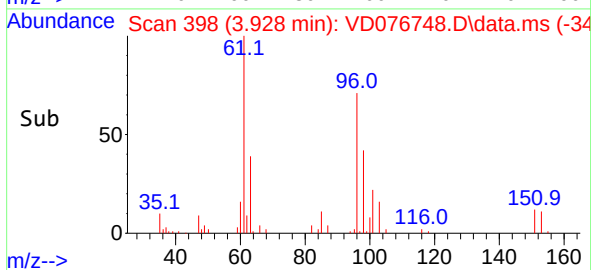
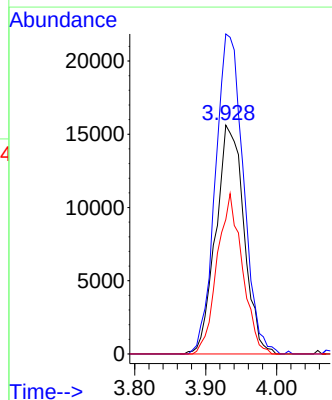
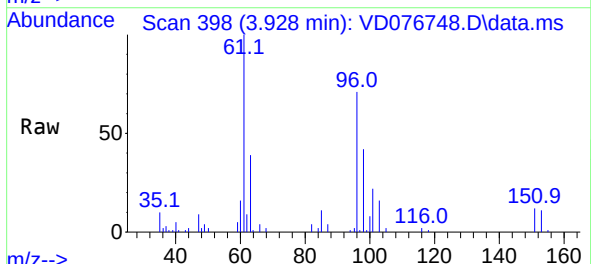
Instrument :
MSVOA_D
ClientSampleId :
VD0717SBSD01

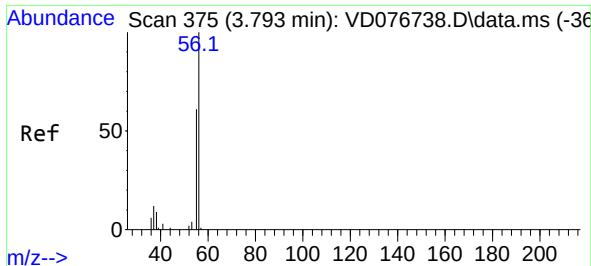
Tgt Ion: 59 Resp: 18728
Ion Ratio Lower Upper
59 100
57 7.6 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 20.511 ug/l
RT: 3.928 min Scan# 398
Delta R.T. -0.006 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13

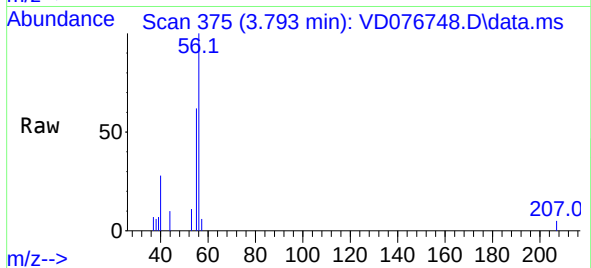
Tgt Ion: 96 Resp: 42873
Ion Ratio Lower Upper
96 100
61 139.9 100.6 150.8
98 58.8 50.2 75.2



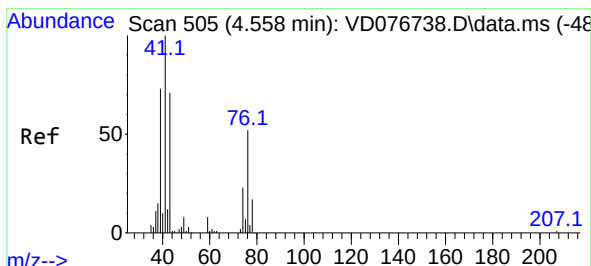
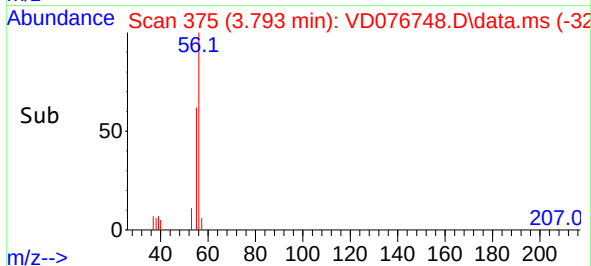
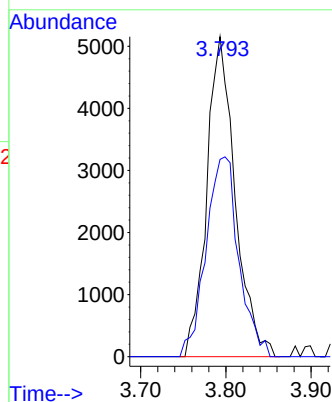


#13
Acrolein
Concen: 111.314 ug/l
RT: 3.793 min Scan# 31
Delta R.T. 0.000 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13

Instrument :
MSVOA_D
ClientSampleId :
VD0717SBSD01

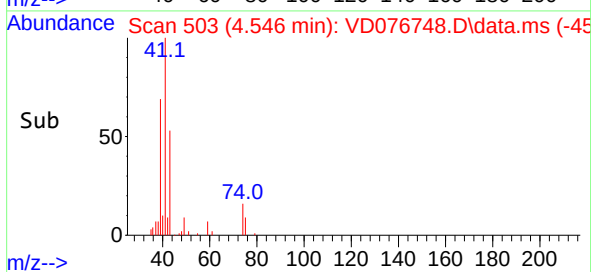
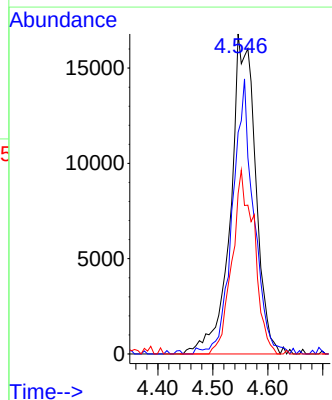
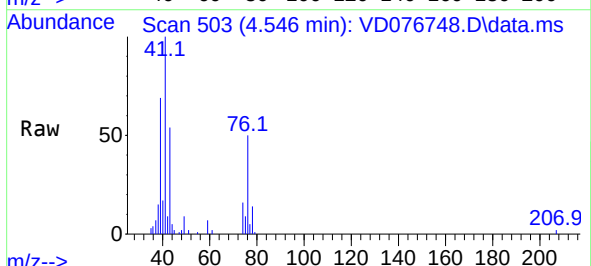


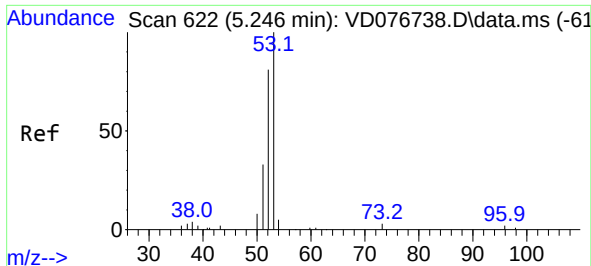
Tgt Ion: 56 Resp: 11926
Ion Ratio Lower Upper
56 100
55 71.9 55.1 82.7



#14
Allyl chloride
Concen: 19.249 ug/l
RT: 4.546 min Scan# 503
Delta R.T. -0.012 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13

Tgt Ion: 41 Resp: 52854
Ion Ratio Lower Upper
41 100
39 73.0 53.8 80.6
76 51.0 45.8 68.8

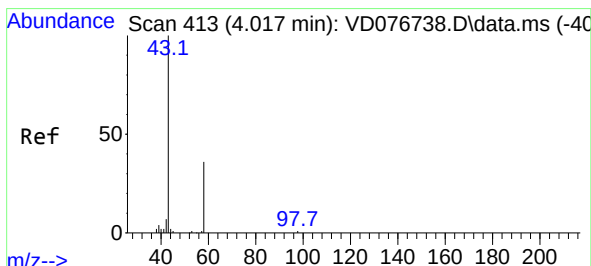
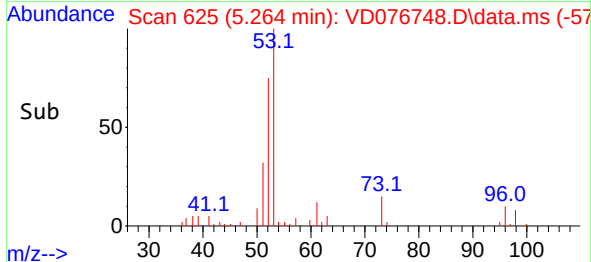
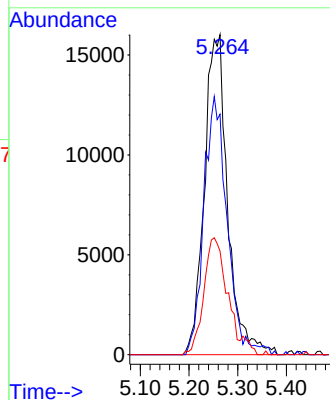
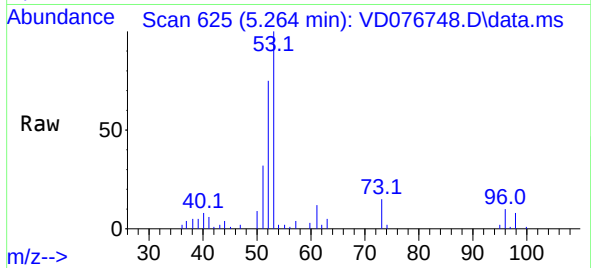




#15
Acrylonitrile
Concen: 93.004 ug/l
RT: 5.264 min Scan# 61
Delta R.T. 0.018 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13

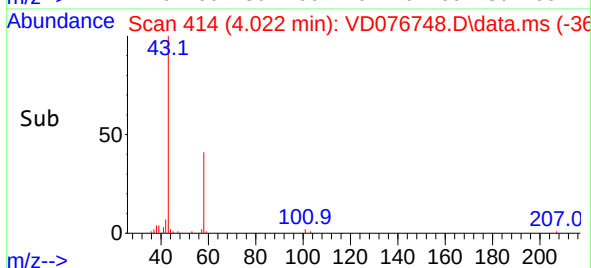
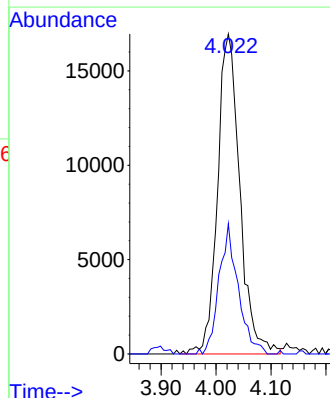
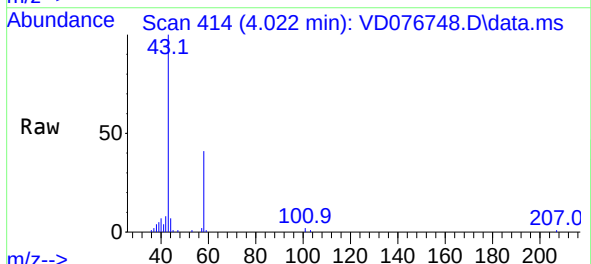
Instrument :
MSVOA_D
ClientSampleId :
VD0717SBSD01

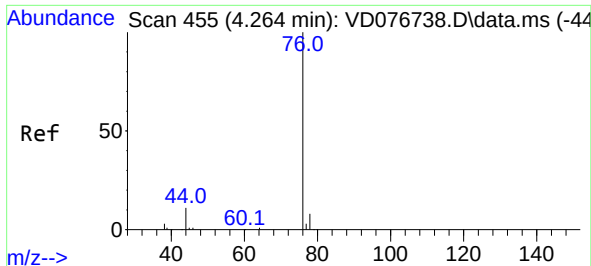
Tgt Ion: 53	Resp: 53229
Ion Ratio	Lower Upper
53 100	
52 81.3	65.0 97.4
51 35.9	28.3 42.5



#16
Acetone
Concen: 95.073 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.005 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13

Tgt Ion: 43	Resp: 47838
Ion Ratio	Lower Upper
43 100	
58 40.7	34.7 52.1

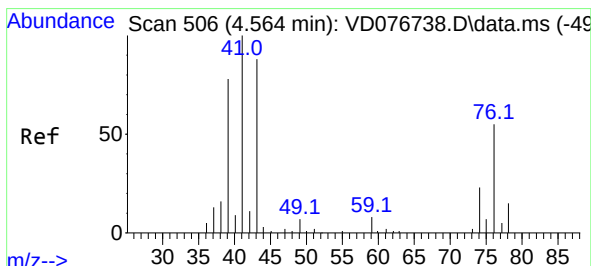
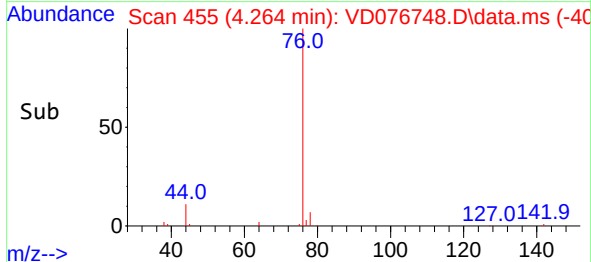
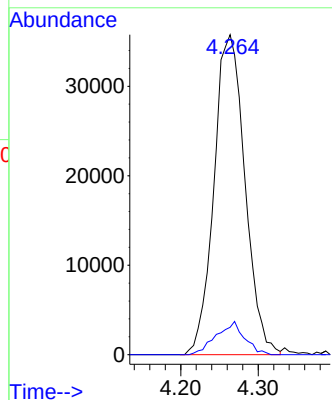
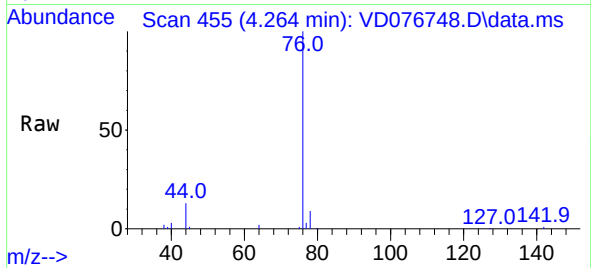




#17
Carbon Disulfide
Concen: 20.363 ug/l
RT: 4.264 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13

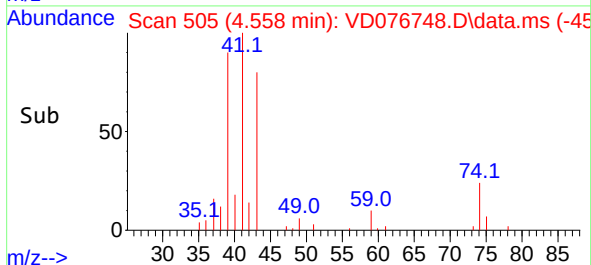
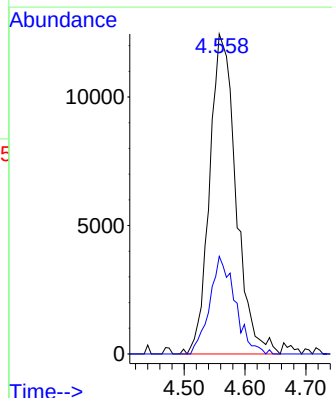
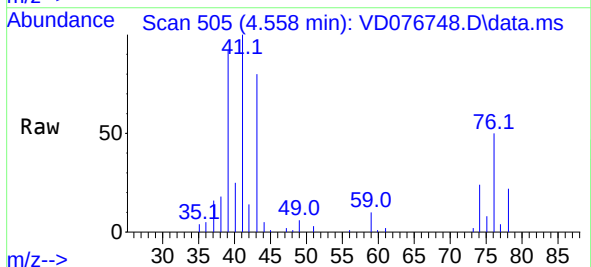
Instrument :
MSVOA_D
ClientSampleId :
VD0717SBSD01

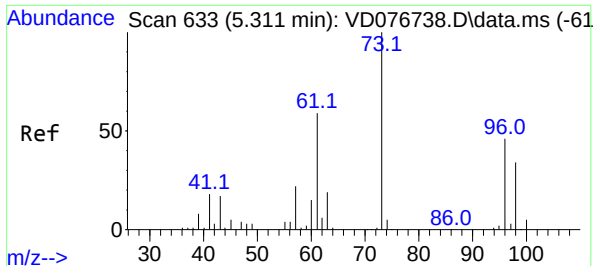
Tgt Ion: 76 Resp: 99413
Ion Ratio Lower Upper
76 100
78 8.5 6.8 10.2



#18
Methyl Acetate
Concen: 19.826 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.006 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13

Tgt Ion: 43 Resp: 37481
Ion Ratio Lower Upper
43 100
74 29.5 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 19.724 ug/l

RT: 5.311 min Scan# 61

Delta R.T. -0.000 min

Lab File: VD076748.D

Acq: 17 Jul 2023 12:13

Instrument :

MSVOA_D

ClientSampleId :

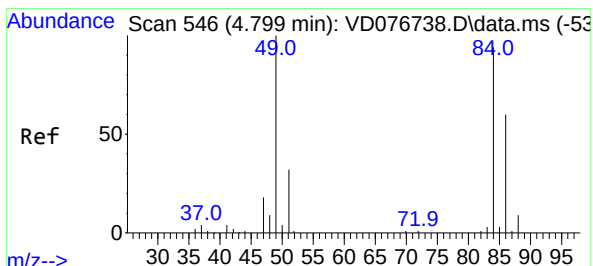
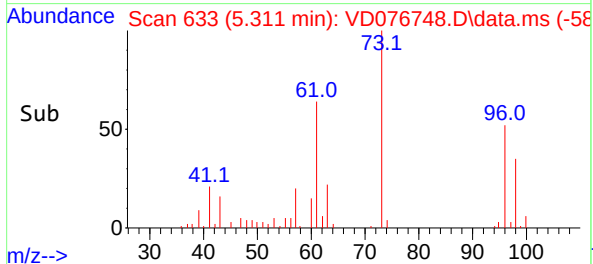
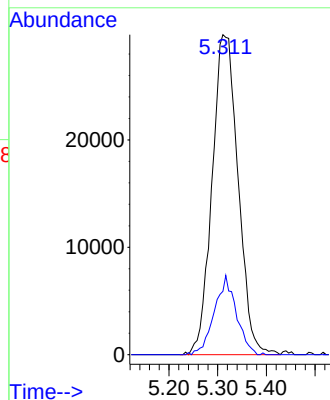
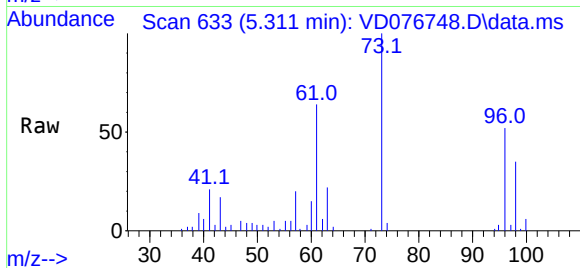
VD0717SBS01

Tgt Ion: 73 Resp: 110557

Ion Ratio Lower Upper

73 100

57 19.8 16.6 25.0



#20

Methylene Chloride

Concen: 12.628 ug/l

RT: 4.805 min Scan# 547

Delta R.T. 0.006 min

Lab File: VD076748.D

Acq: 17 Jul 2023 12:13

Tgt Ion: 84 Resp: 60900

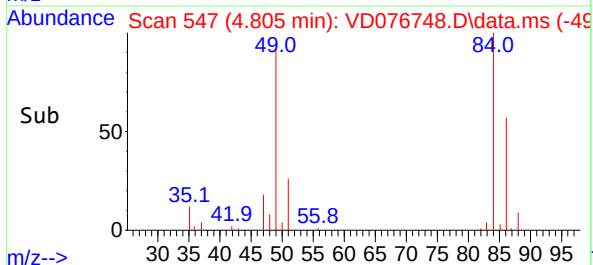
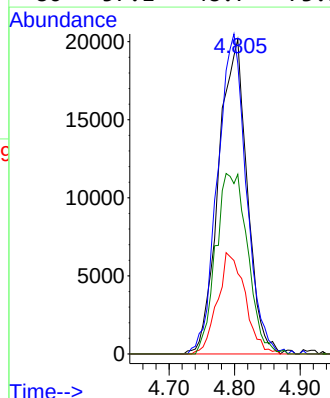
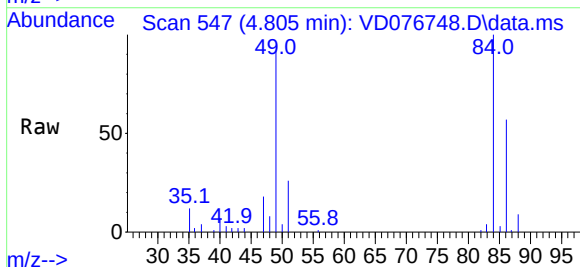
Ion Ratio Lower Upper

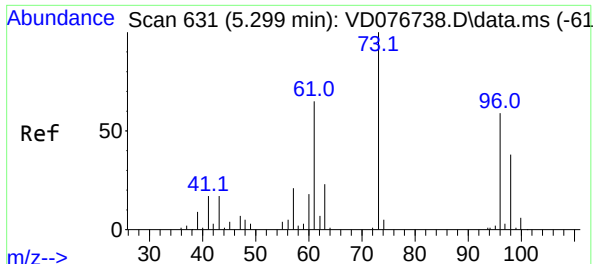
84 100

49 92.3 71.4 107.2

51 25.6 24.5 36.7

86 57.1 48.7 73.1

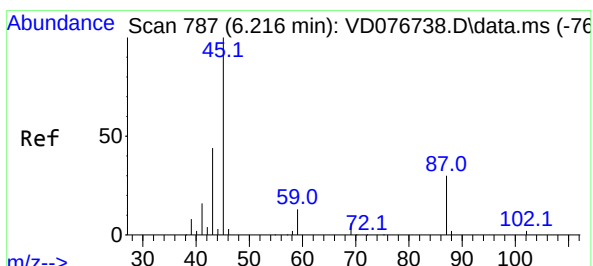
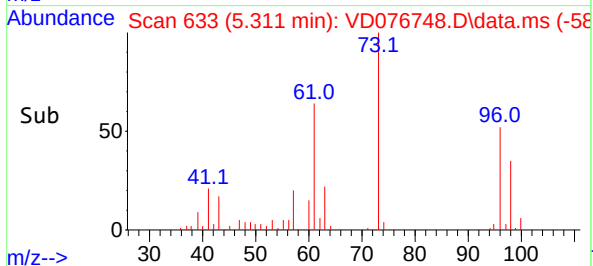
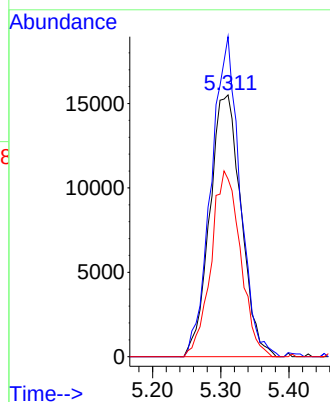
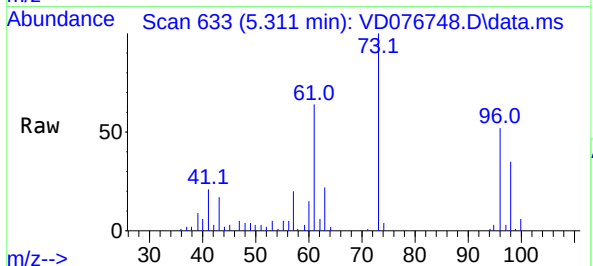




#21
trans-1,2-Dichloroethene
Concen: 20.430 ug/l
RT: 5.311 min Scan# 611
Delta R.T. 0.012 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13

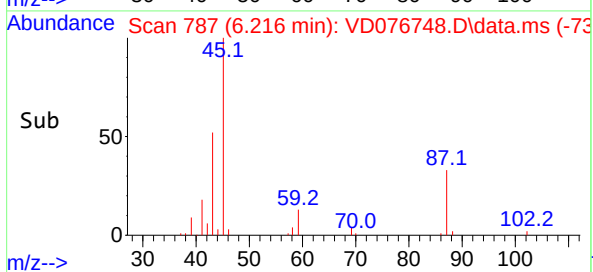
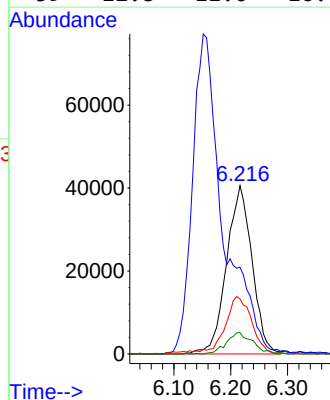
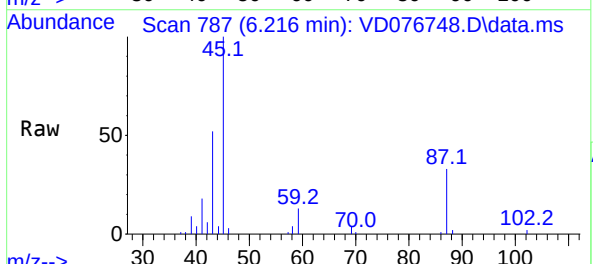
Instrument :
MSVOA_D
ClientSampleId :
VD0717SBSD01

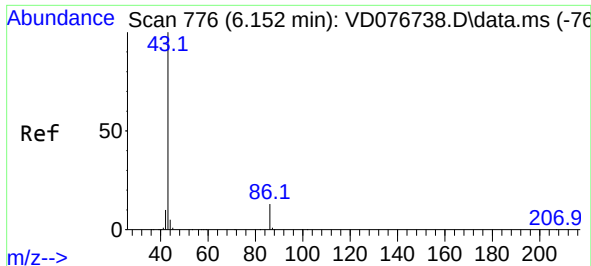
Tgt Ion: 96 Resp: 49637
Ion Ratio Lower Upper
96 100
61 122.3 89.3 133.9
98 67.9 48.6 73.0



#22
Diisopropyl ether
Concen: 19.455 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13

Tgt Ion: 45 Resp: 126497
Ion Ratio Lower Upper
45 100
43 49.9 40.0 60.0
87 32.7 28.2 42.4
59 12.8 11.0 16.4

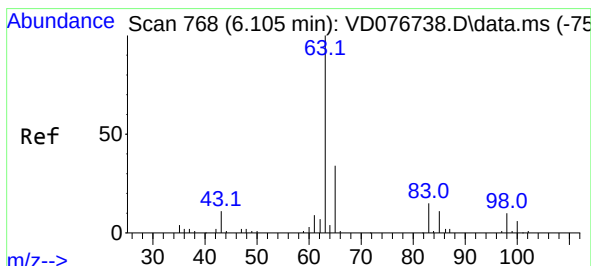
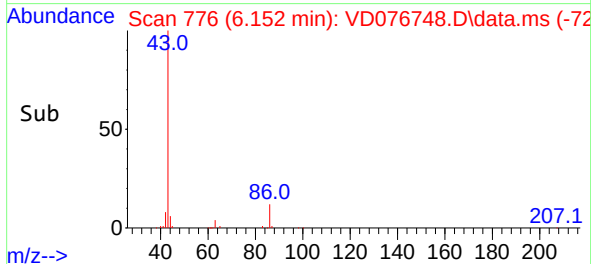
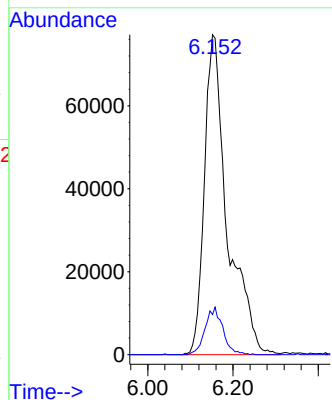
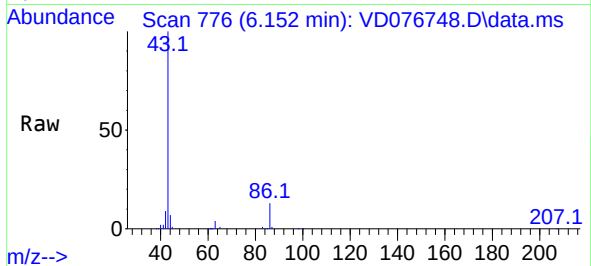




#23
 Vinyl Acetate
 Concen: 89.813 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. -0.000 min
 Lab File: VD076748.D
 Acq: 17 Jul 2023 12:13

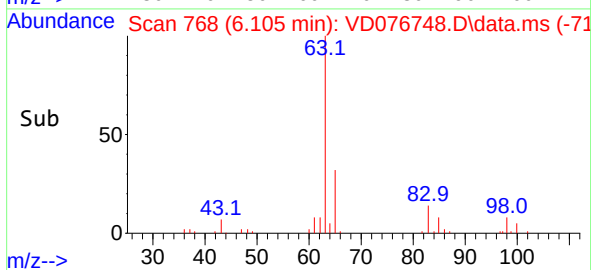
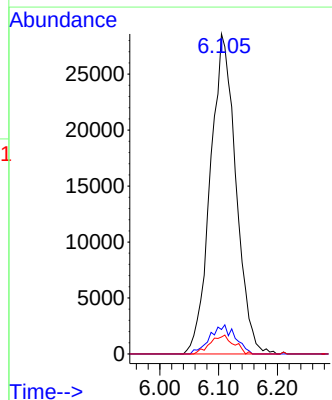
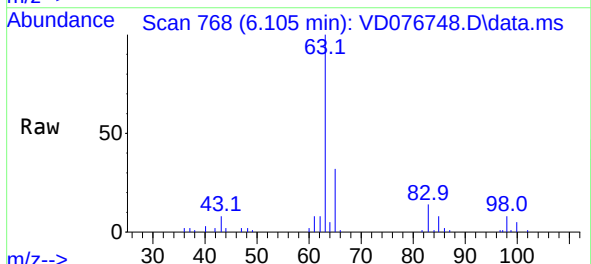
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0717SBSD01

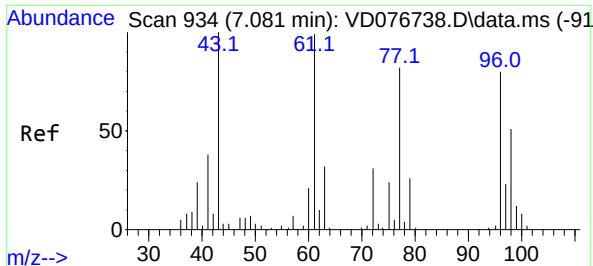
Tgt Ion: 43 Resp: 288943
 Ion Ratio Lower Upper
 43 100
 86 12.6 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 19.710 ug/l
 RT: 6.105 min Scan# 768
 Delta R.T. -0.000 min
 Lab File: VD076748.D
 Acq: 17 Jul 2023 12:13

Tgt Ion: 63 Resp: 86408
 Ion Ratio Lower Upper
 63 100
 98 7.7 4.5 13.7
 100 5.3 2.5 7.5





#25

2-Butanone

Concen: 101.670 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD076748.D

Acq: 17 Jul 2023 12:13

Instrument :

MSVOA_D

ClientSampleId :

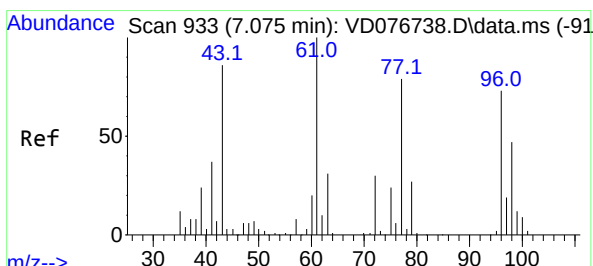
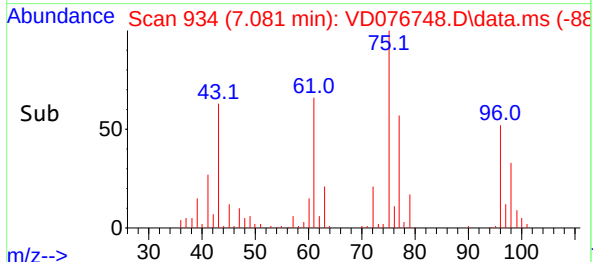
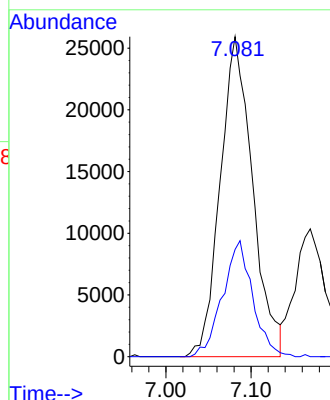
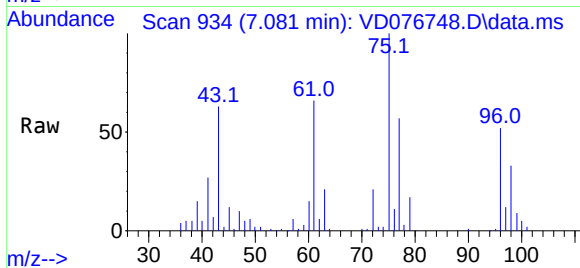
VD0717SBSD01

Tgt Ion: 43 Resp: 68466

Ion Ratio Lower Upper

43 100

72 33.5 30.7 46.1



#26

2,2-Dichloropropane

Concen: 20.851 ug/l

RT: 7.075 min Scan# 933

Delta R.T. 0.000 min

Lab File: VD076748.D

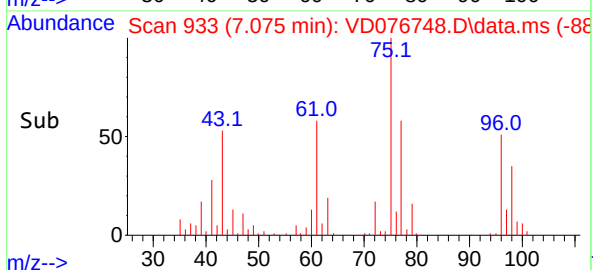
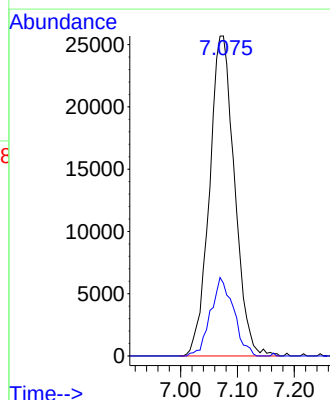
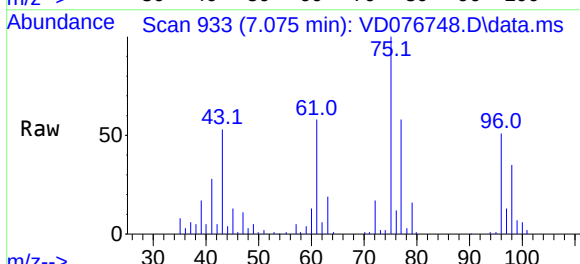
Acq: 17 Jul 2023 12:13

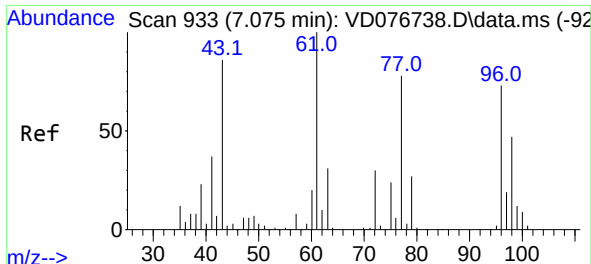
Tgt Ion: 77 Resp: 78798

Ion Ratio Lower Upper

77 100

97 22.5 13.2 39.6

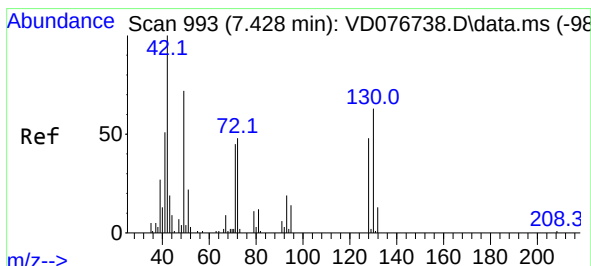
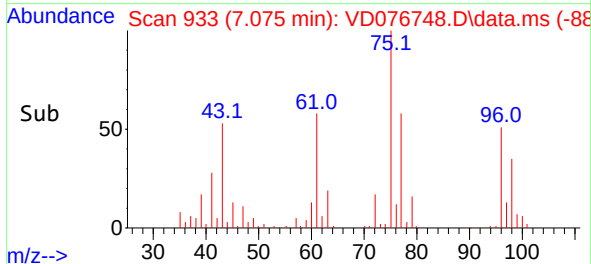
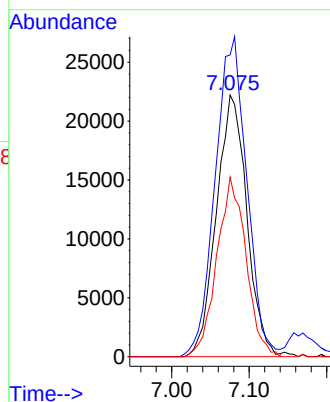
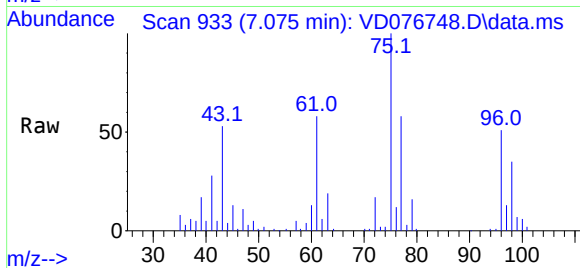




#27
 cis-1,2-Dichloroethene
 Concen: 20.268 ug/l
 RT: 7.075 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VD076748.D
 Acq: 17 Jul 2023 12:13

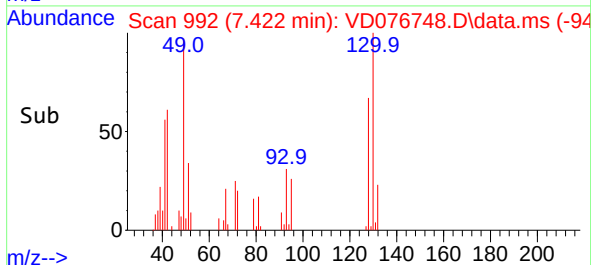
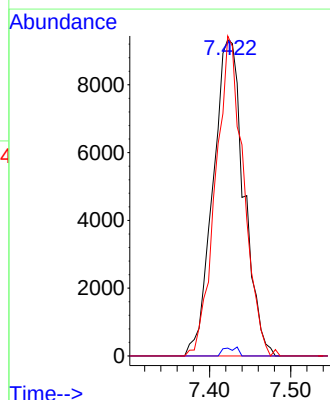
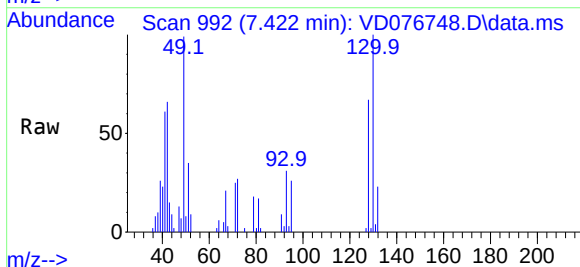
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0717SBSD01

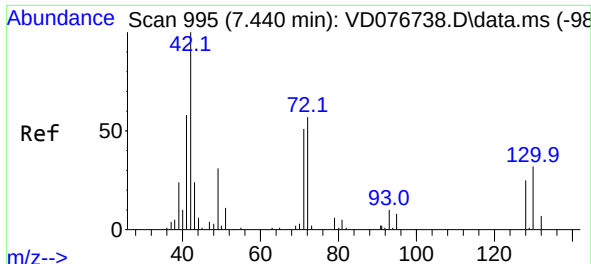
Tgt Ion: 96	Resp: 60708		
Ion Ratio	Lower	Upper	
96	100		
61	126.9	0.0	239.2
98	65.5	0.0	128.6



#28
 Bromochloromethane
 Concen: 22.474 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. -0.006 min
 Lab File: VD076748.D
 Acq: 17 Jul 2023 12:13

Tgt Ion: 49	Resp: 24632
Ion Ratio	Lower Upper
49 100	
129 1.3	0.0 6.0
130 91.8	83.2 124.8

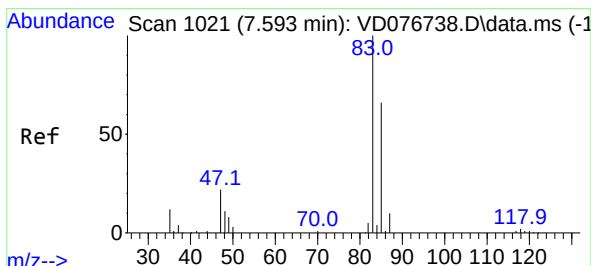
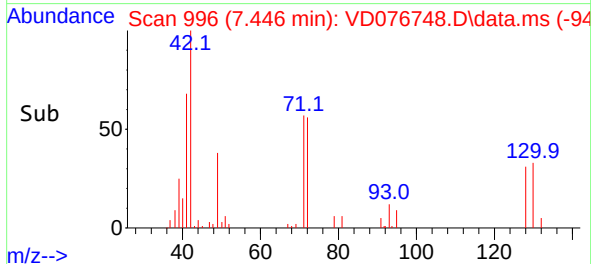
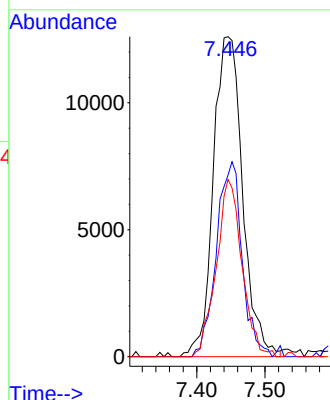
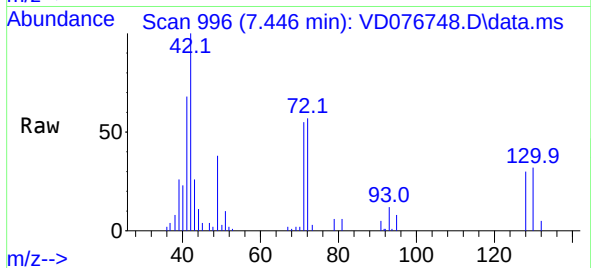




#29
Tetrahydrofuran
Concen: 94.571 ug/l
RT: 7.446 min Scan# 995
Delta R.T. 0.006 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13

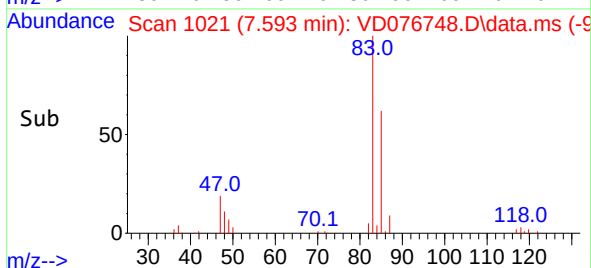
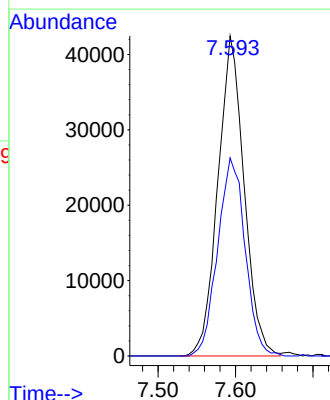
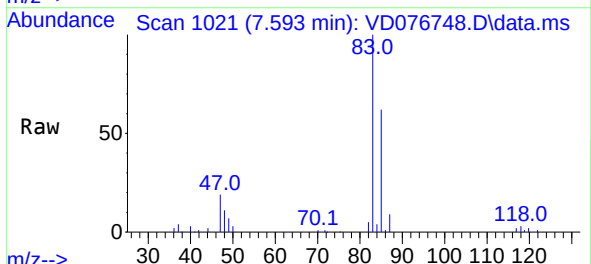
Instrument :
MSVOA_D
ClientSampleId :
VD0717SBSD01

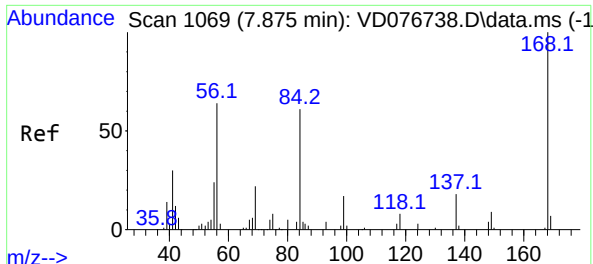
Tgt Ion: 42 Resp: 37628
Ion Ratio Lower Upper
42 100
72 53.6 46.5 69.7
71 48.6 44.5 66.7



#30
Chloroform
Concen: 20.785 ug/l
RT: 7.593 min Scan# 1021
Delta R.T. -0.000 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13

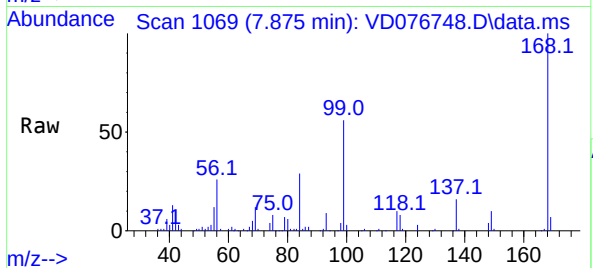
Tgt Ion: 83 Resp: 99801
Ion Ratio Lower Upper
83 100
85 61.9 53.4 80.2



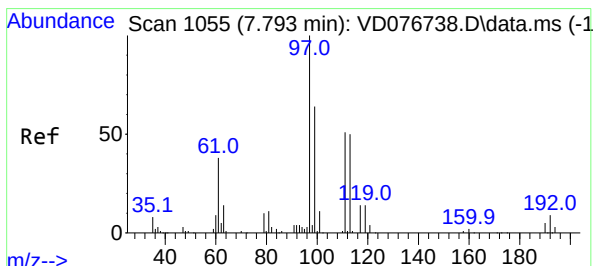
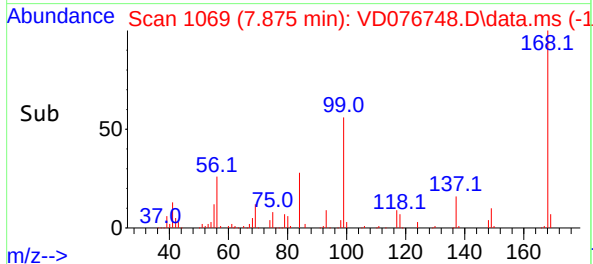
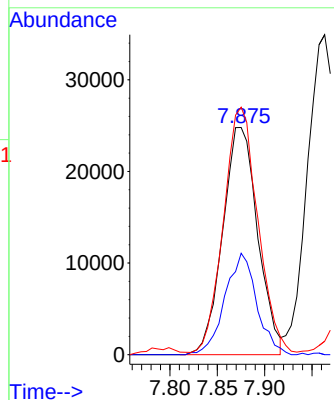


#31
Cyclohexane
Concen: 20.535 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13

Instrument :
MSVOA_D
ClientSampleId :
VD0717SBSD01

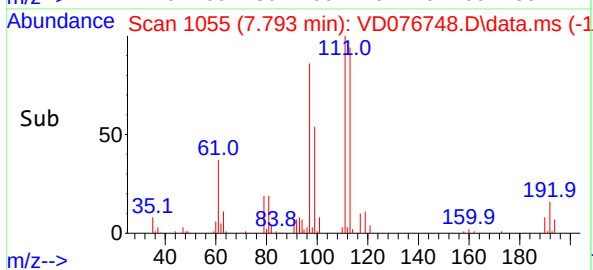
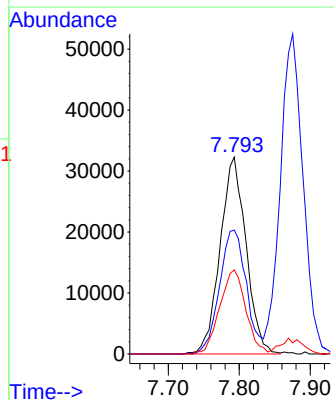
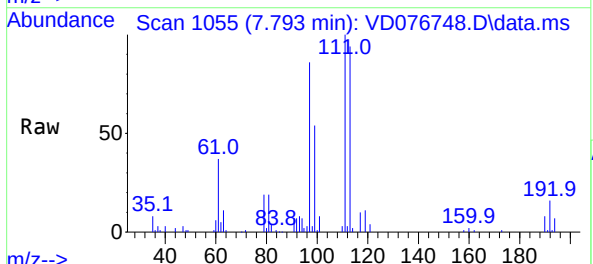


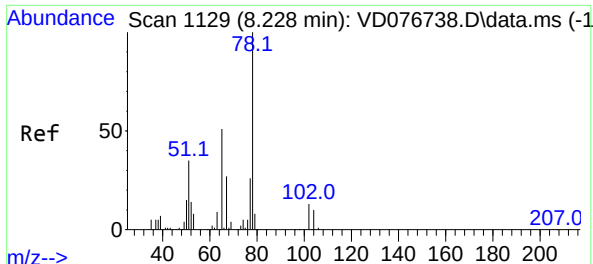
Tgt Ion: 56 Resp: 63674
Ion Ratio Lower Upper
56 100
69 44.6 28.6 43.0#
84 107.9 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 21.098 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13

Tgt Ion: 97 Resp: 81734
Ion Ratio Lower Upper
97 100
99 65.6 52.0 78.0
61 42.9 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 44.046 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD076748.D

Acq: 17 Jul 2023 12:13

Instrument :

MSVOA_D

ClientSampleId :

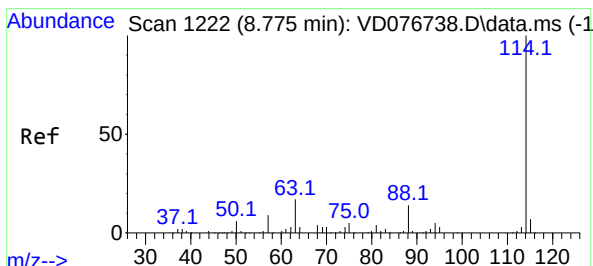
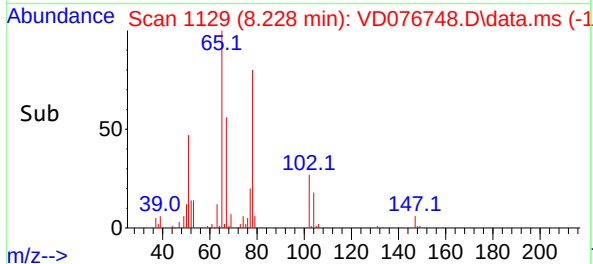
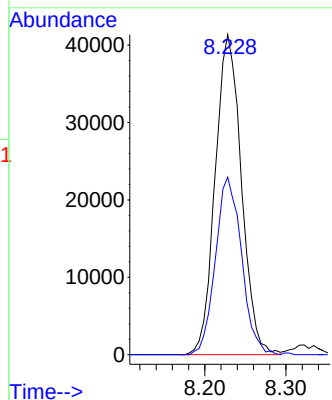
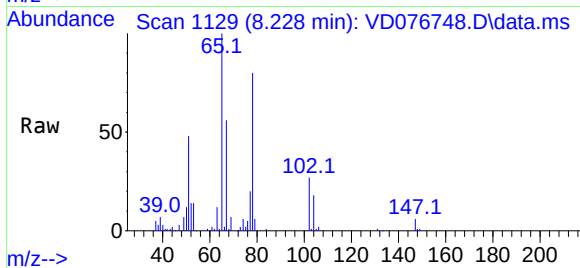
VD0717SBSD01

Tgt Ion: 65 Resp: 92800

Ion Ratio Lower Upper

65 100

67 55.2 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD076748.D

Acq: 17 Jul 2023 12:13

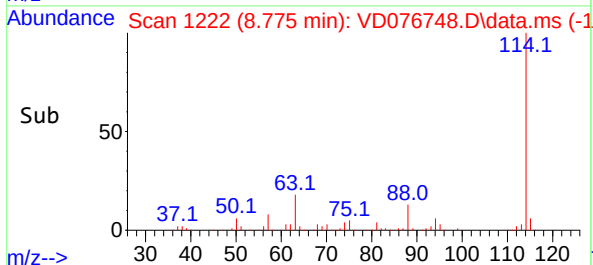
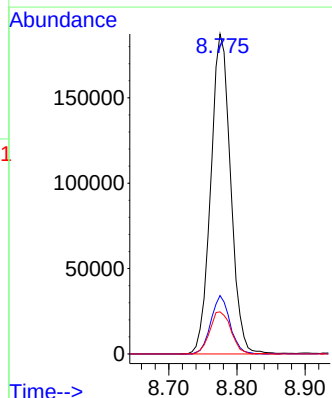
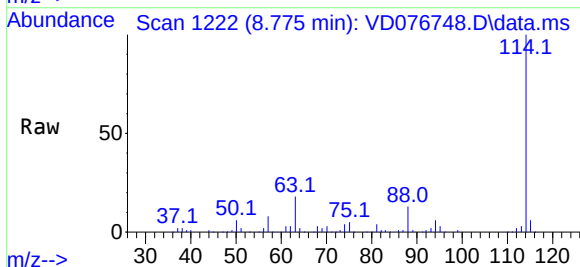
Tgt Ion: 114 Resp: 380106

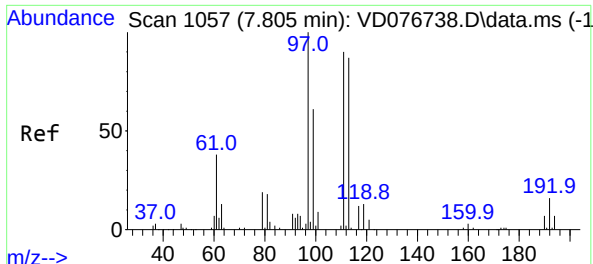
Ion Ratio Lower Upper

114 100

63 18.2 0.0 33.4

88 13.1 0.0 26.2

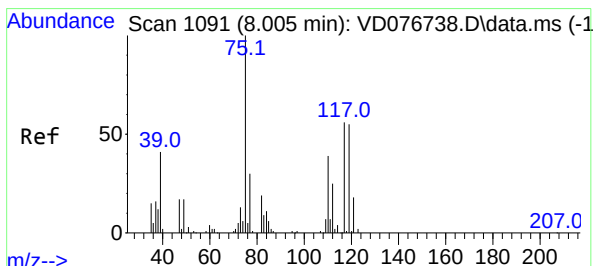
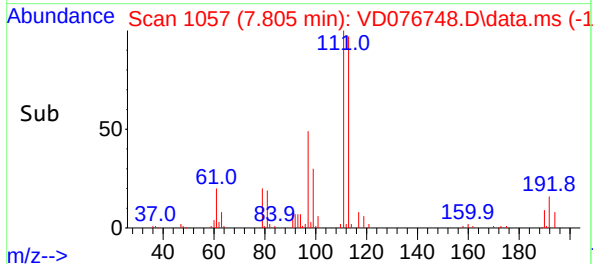
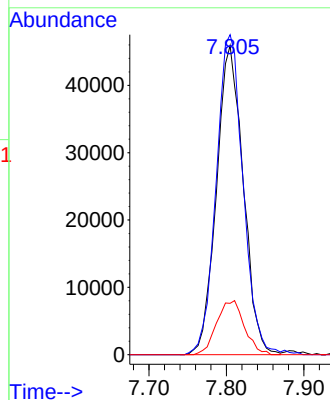
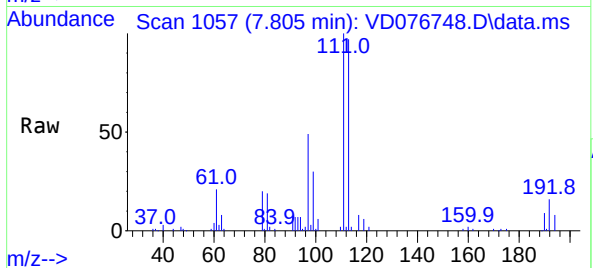




#35
Dibromofluoromethane
Concen: 46.187 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13

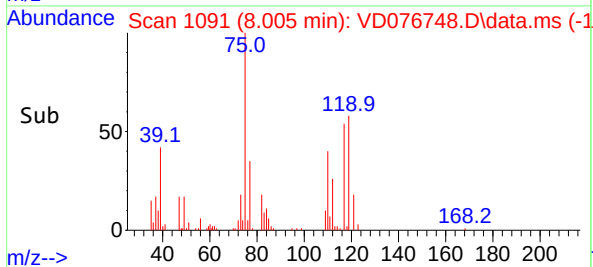
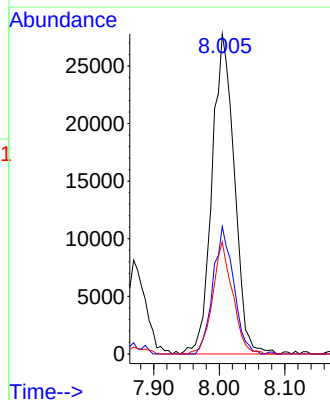
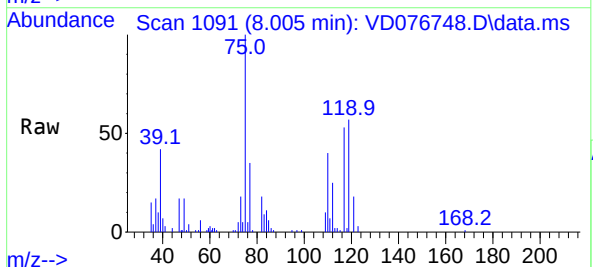
Instrument :
MSVOA_D
ClientSampleId :
VD0717SBSD01

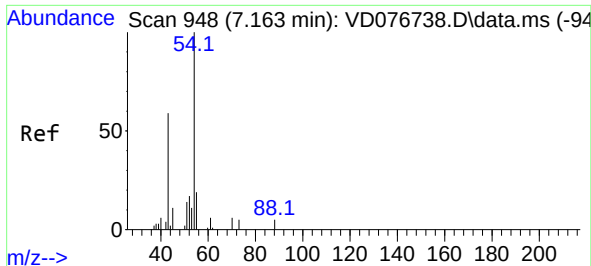
Tgt Ion:113 Resp: 110324
Ion Ratio Lower Upper
113 100
111 104.1 84.7 127.1
192 18.1 16.8 25.2



#36
1,1-Dichloropropene
Concen: 21.053 ug/l
RT: 8.005 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13

Tgt Ion: 75 Resp: 65711
Ion Ratio Lower Upper
75 100
110 36.6 19.9 59.6
77 31.2 24.7 37.1

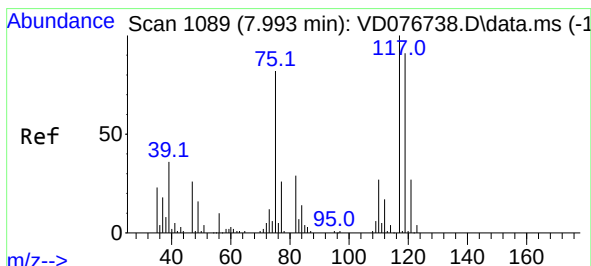
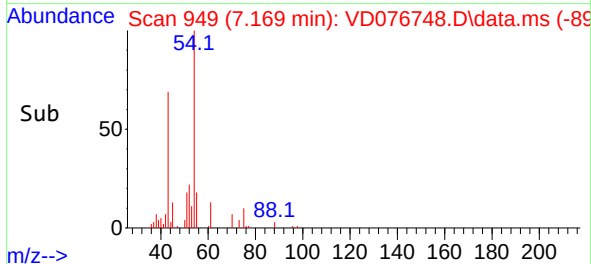
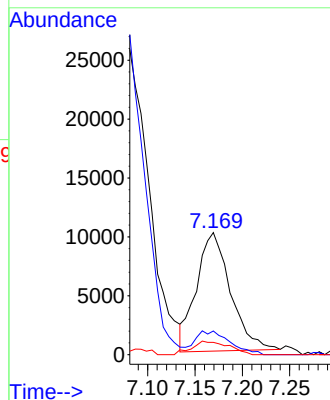
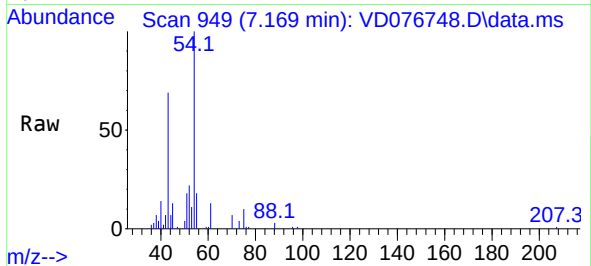




#37
Ethyl Acetate
Concen: 18.046 ug/l
RT: 7.169 min Scan# 948
Delta R.T. 0.006 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13

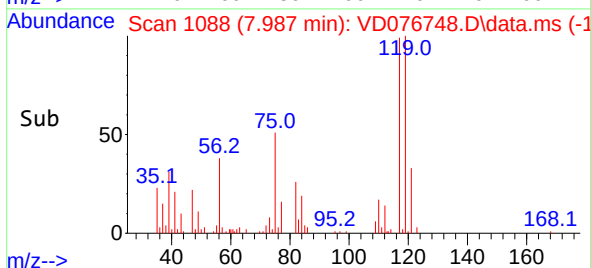
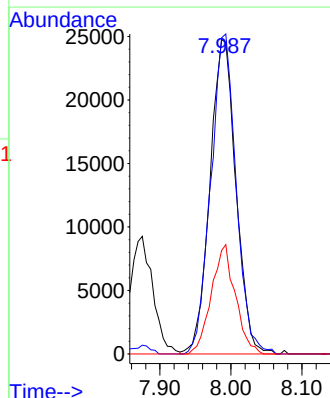
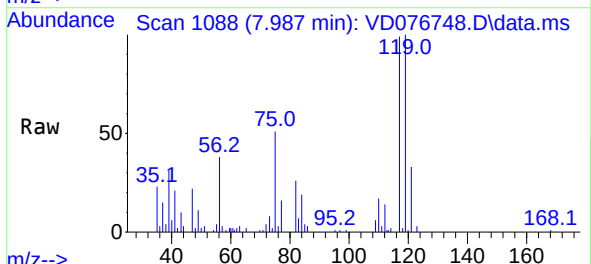
Instrument :
MSVOA_D
ClientSampleId :
VD0717SBSD01

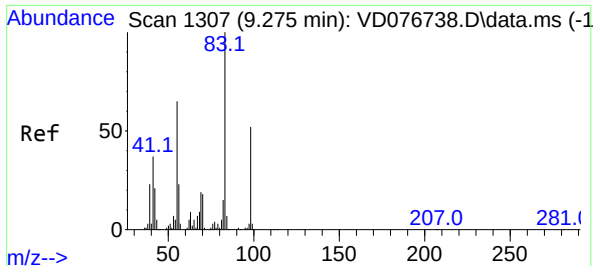
Tgt Ion: 43 Resp: 25190
Ion Ratio Lower Upper
43 100
61 20.2 14.9 22.3
70 12.3 10.0 15.0



#38
Carbon Tetrachloride
Concen: 21.019 ug/l
RT: 7.987 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13

Tgt Ion: 117 Resp: 62819
Ion Ratio Lower Upper
117 100
119 100.6 78.0 117.0
121 32.9 24.2 36.2





#39

Methylcyclohexane

Concen: 20.699 ug/l

RT: 9.275 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD076748.D

Acq: 17 Jul 2023 12:13

Instrument :

MSVOA_D

ClientSampleId :

VD0717SBSD01

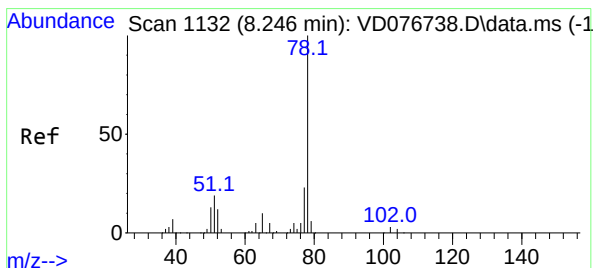
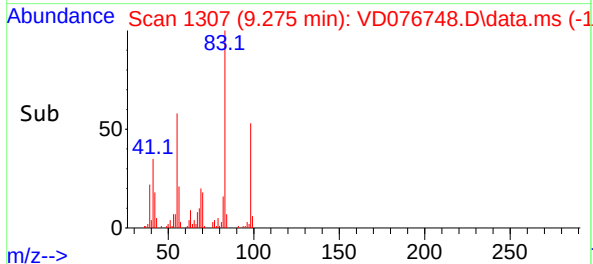
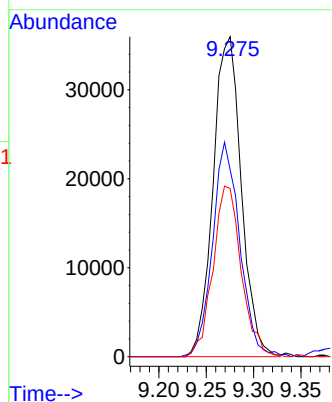
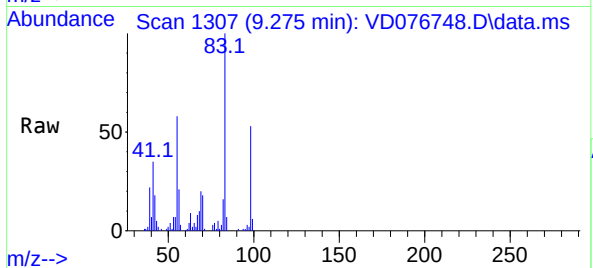
Tgt Ion: 83 Resp: 74598

Ion Ratio Lower Upper

83 100

55 58.4 49.4 74.0

98 52.6 38.4 57.6



#40

Benzene

Concen: 21.089 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.006 min

Lab File: VD076748.D

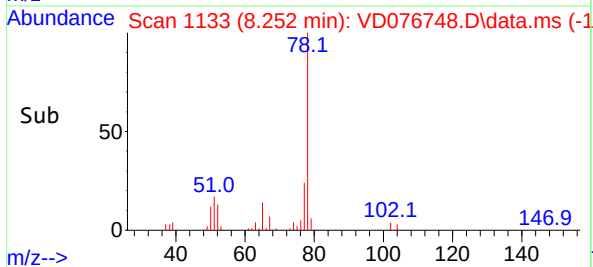
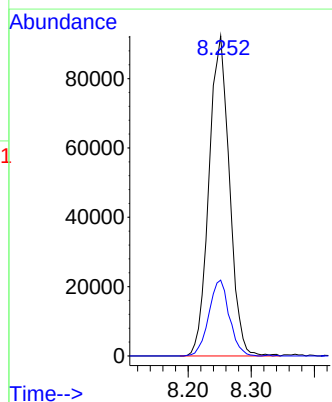
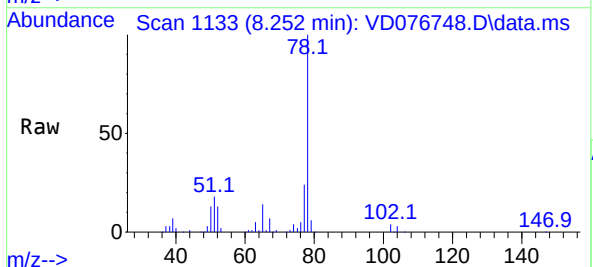
Acq: 17 Jul 2023 12:13

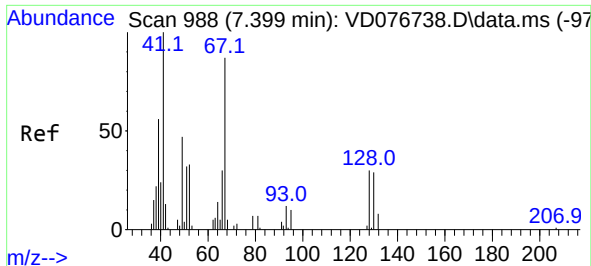
Tgt Ion: 78 Resp: 207688

Ion Ratio Lower Upper

78 100

77 23.7 19.4 29.0

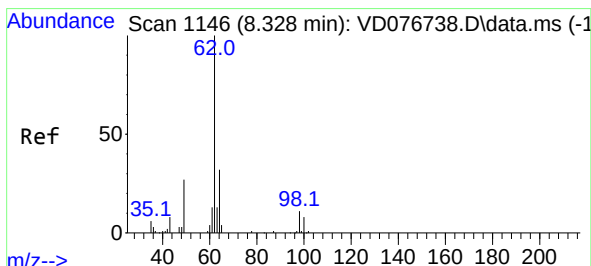
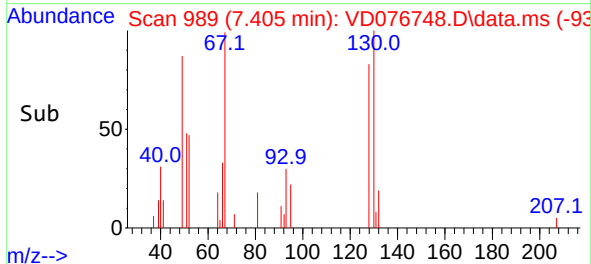
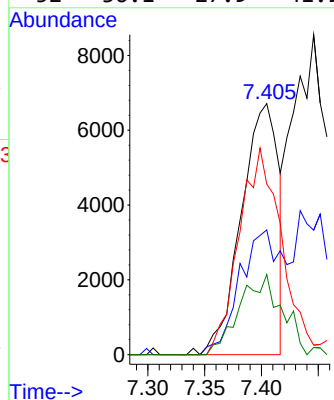
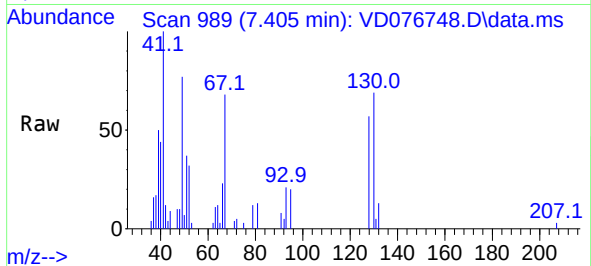




#41
Methacrylonitrile
Concen: 17.954 ug/l
RT: 7.405 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13

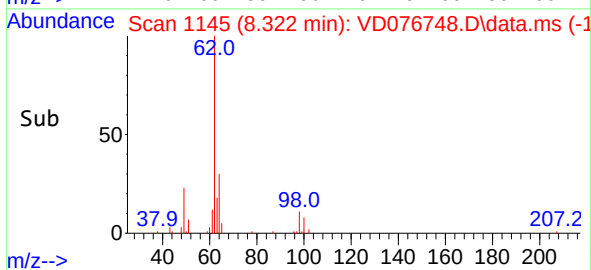
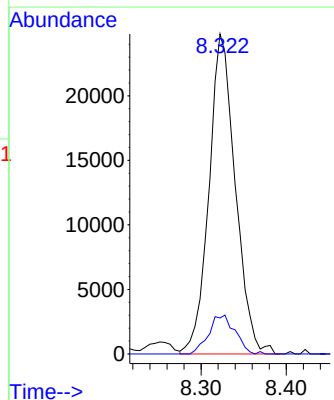
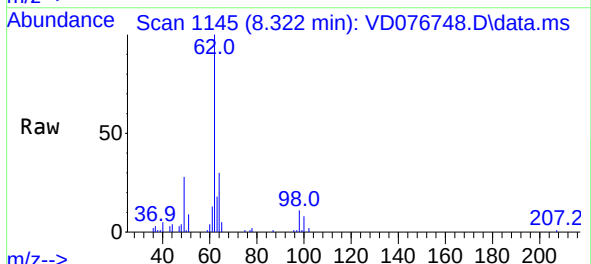
Instrument :
MSVOA_D
ClientSampleId :
VD0717SBSD01

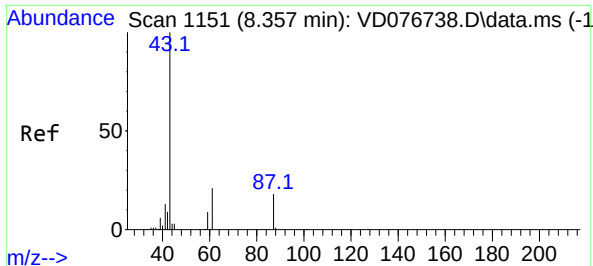
Tgt Ion: 41 Resp: 15304
Ion Ratio Lower Upper
41 100
39 56.8 34.0 51.0#
67 95.7 77.0 115.4
52 36.1 27.9 41.9



#42
1,2-Dichloroethane
Concen: 20.800 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13

Tgt Ion: 62 Resp: 53224
Ion Ratio Lower Upper
62 100
98 12.1 0.0 25.4

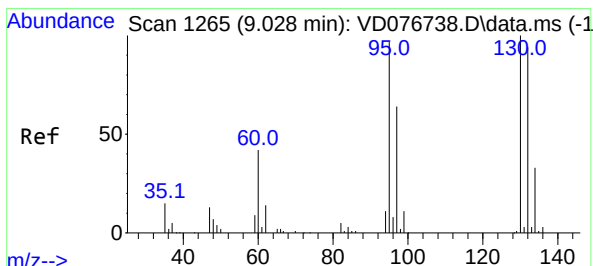
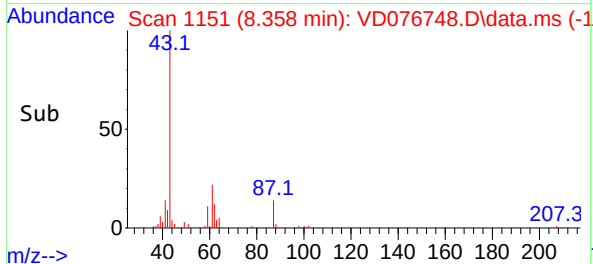
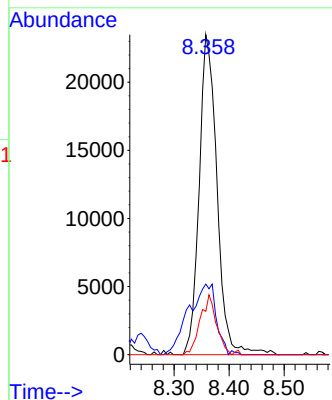
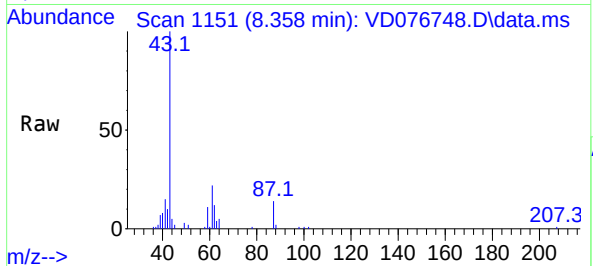




#43
Isopropyl Acetate
Concen: 19.417 ug/l
RT: 8.358 min Scan# 1151
Delta R.T. 0.001 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13

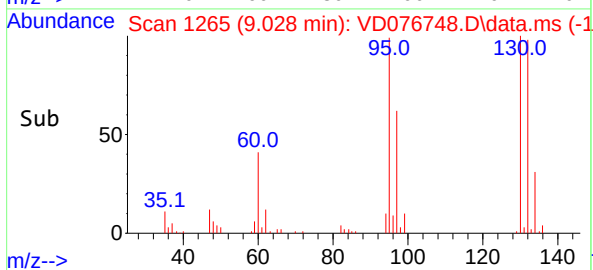
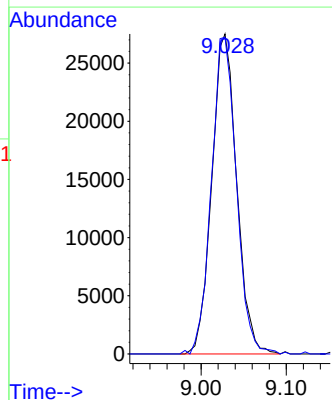
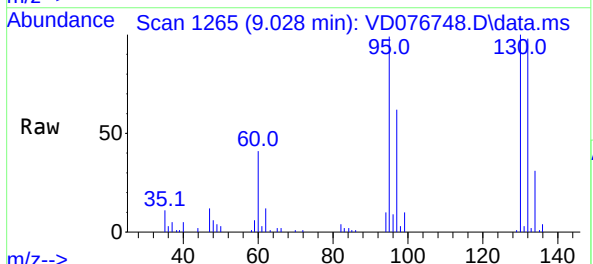
Instrument :
MSVOA_D
ClientSampleId :
VD0717SBSD01

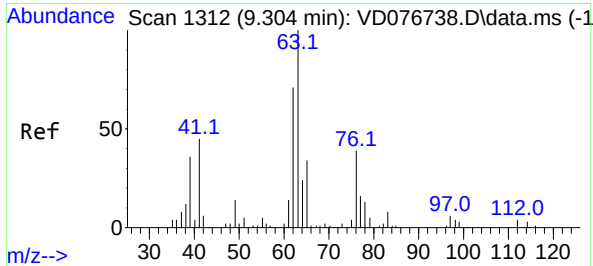
Tgt Ion: 43 Resp: 52894
Ion Ratio Lower Upper
43 100
61 34.6 31.4 47.0
87 17.1 14.9 22.3



#44
Trichloroethene
Concen: 20.758 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13

Tgt Ion: 130 Resp: 55707
Ion Ratio Lower Upper
130 100
95 99.0 0.0 179.2

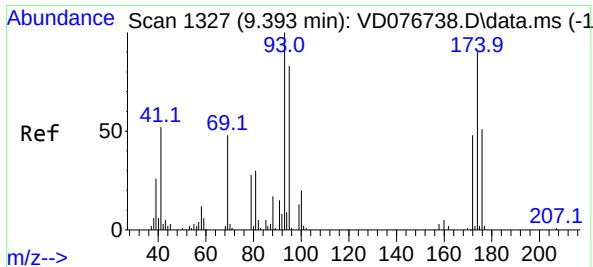
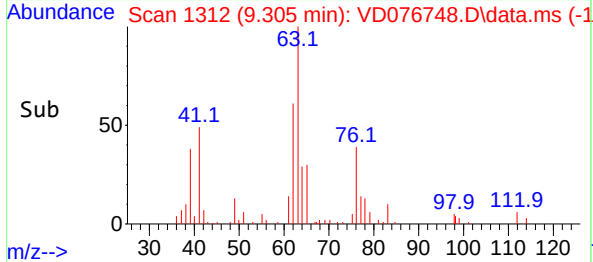
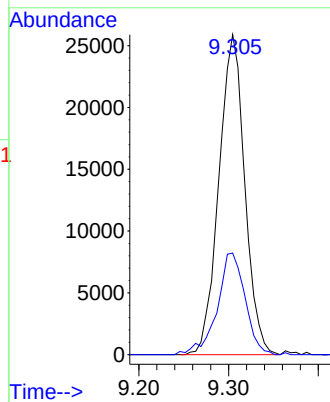
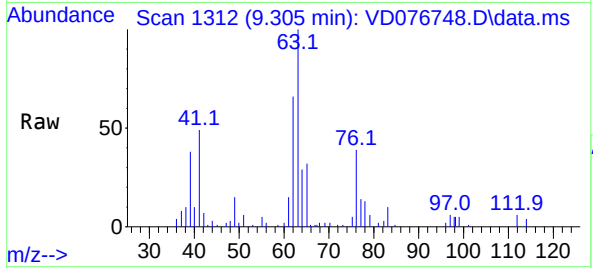




#45
1,2-Dichloropropane
Concen: 20.374 ug/l
RT: 9.305 min Scan# 11
Delta R.T. 0.001 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13

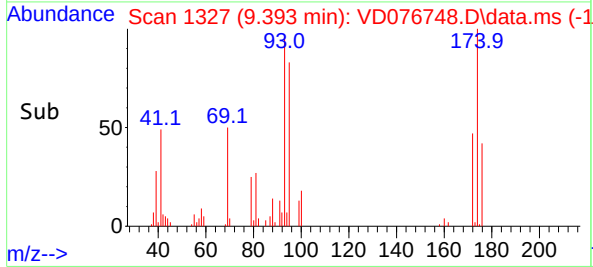
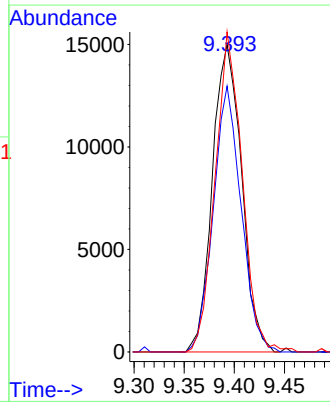
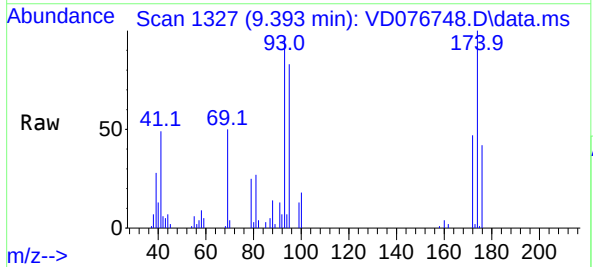
Instrument :
MSVOA_D
ClientSampleId :
VD0717SBSD01

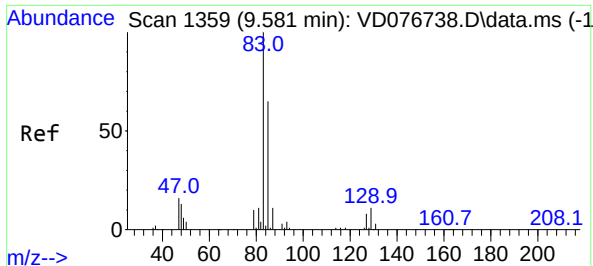
Tgt Ion: 63 Resp: 51796
Ion Ratio Lower Upper
63 100
65 31.8 24.5 36.7



#46
Dibromomethane
Concen: 20.330 ug/l
RT: 9.393 min Scan# 1327
Delta R.T. -0.000 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13

Tgt Ion: 93 Resp: 30252
Ion Ratio Lower Upper
93 100
95 82.6 67.7 101.5
174 96.7 85.4 128.2



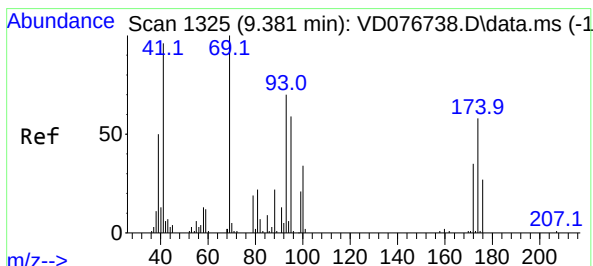
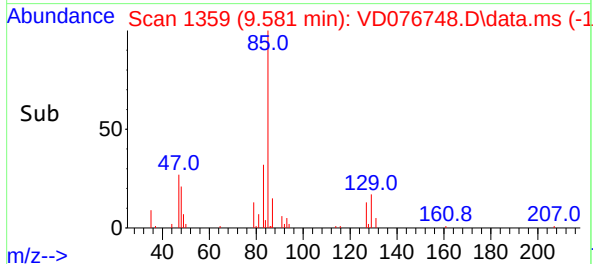
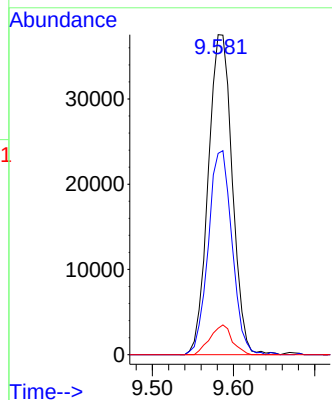
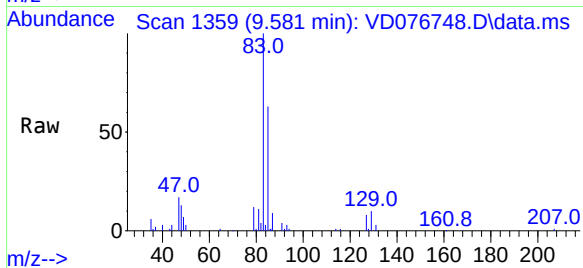


#47
Bromodichloromethane
Concen: 20.658 ug/l
RT: 9.581 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13

Instrument :
MSVOA_D
ClientSampleId :
VD0717SBSD01

Tgt Ion: 83 Resp: 77143

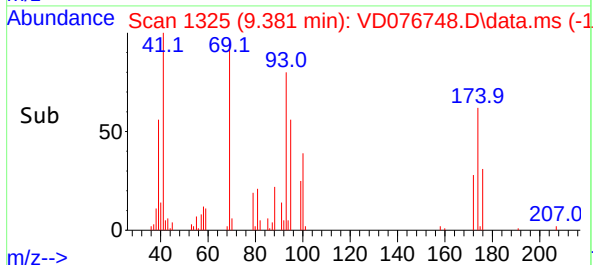
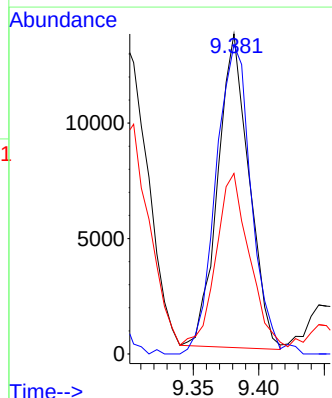
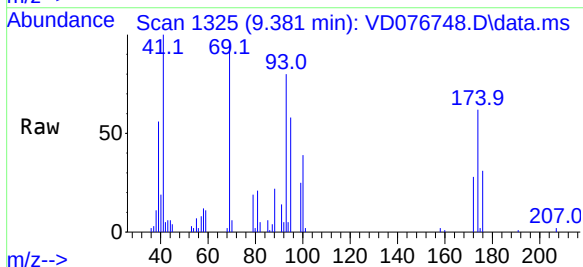
Ion	Ratio	Lower	Upper
83	100		
85	62.9	50.2	75.4
127	8.3	6.3	9.5

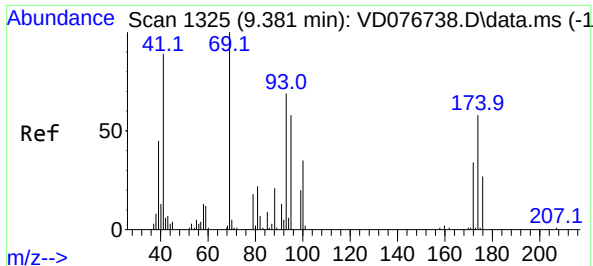


#48
Methyl methacrylate
Concen: 18.127 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13

Tgt Ion: 41 Resp: 22475

Ion	Ratio	Lower	Upper
41	100		
69	112.1	102.2	153.2
39	60.0	41.4	62.2

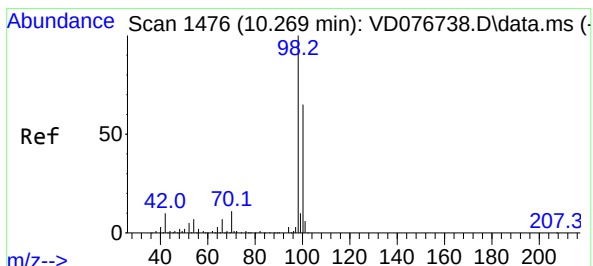
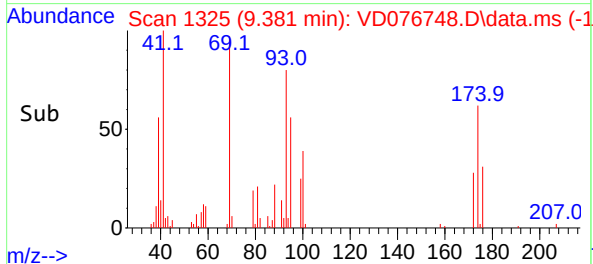
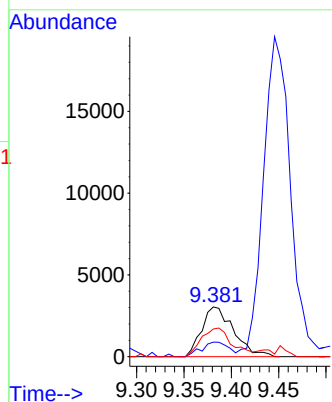
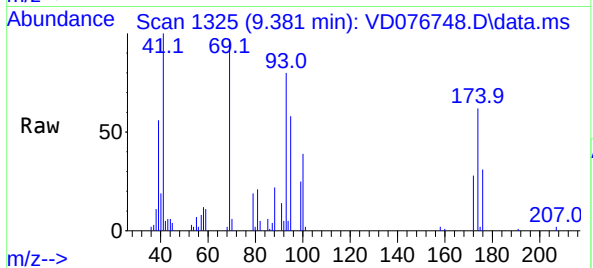




#49
1,4-Dioxane
Concen: 374.033 ug/l
RT: 9.381 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13

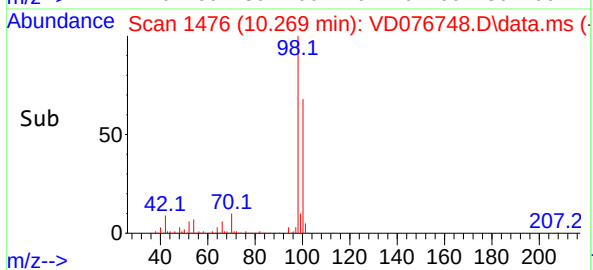
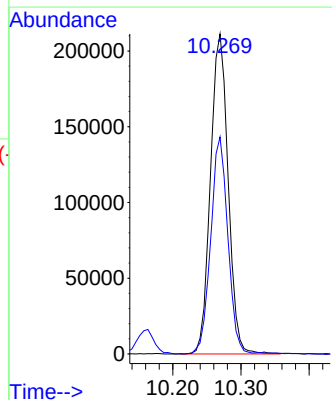
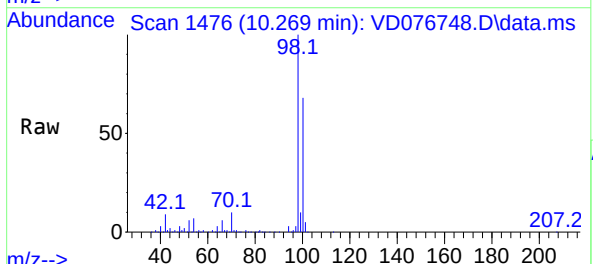
Instrument :
MSVOA_D
ClientSampleId :
VD0717SBSD01

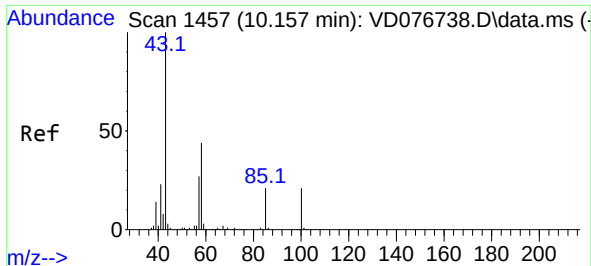
Tgt Ion: 88 Resp: 7131
Ion Ratio Lower Upper
88 100
43 25.0 19.0 28.6
58 55.3 43.5 65.3



#50
Toluene-d8
Concen: 44.572 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13

Tgt Ion: 98 Resp: 380865
Ion Ratio Lower Upper
98 100
100 65.7 50.3 75.5

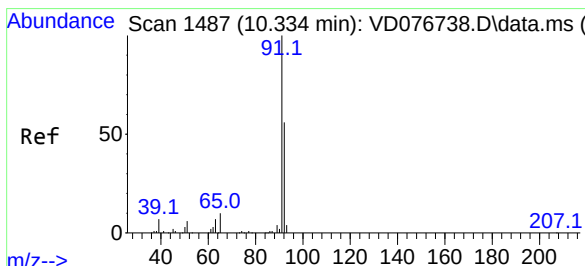
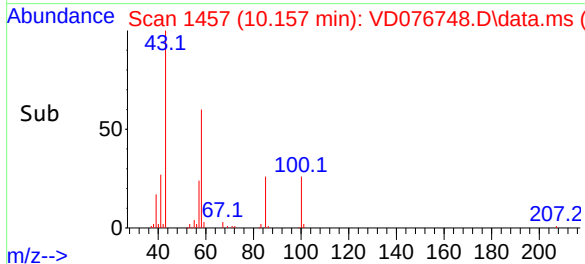
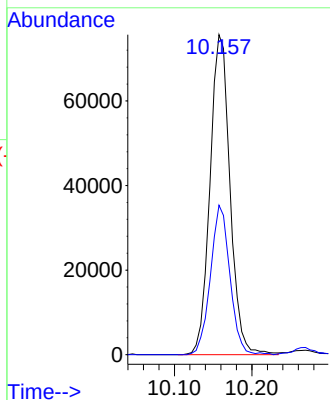
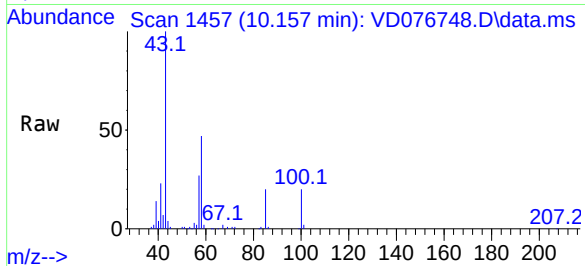




#51
4-Methyl-2-Pentanone
Concen: 93.605 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13

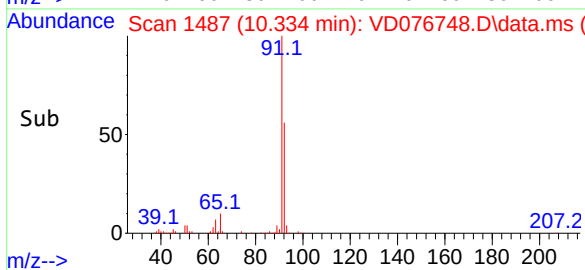
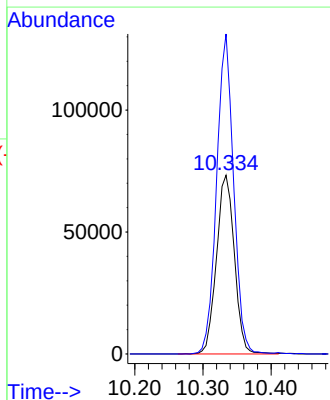
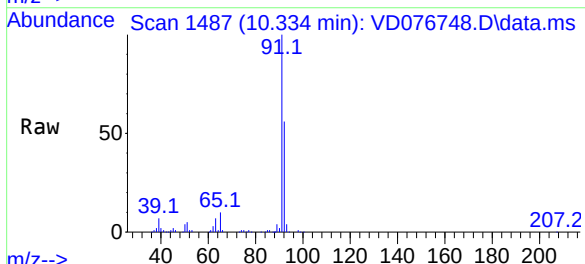
Instrument :
MSVOA_D
ClientSampleId :
VD0717SBSD01

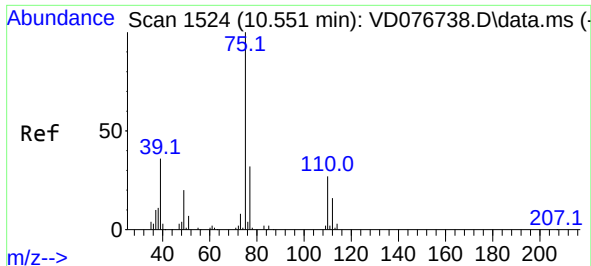
Tgt Ion: 43 Resp: 135768
Ion Ratio Lower Upper
43 100
58 45.4 38.9 58.3



#52
Toluene
Concen: 20.719 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13

Tgt Ion: 92 Resp: 134013
Ion Ratio Lower Upper
92 100
91 169.7 143.0 214.4

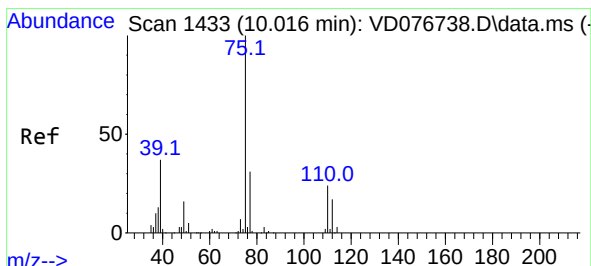
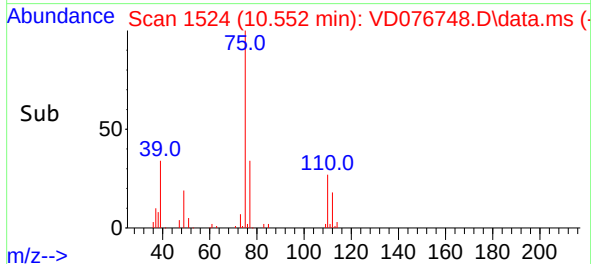
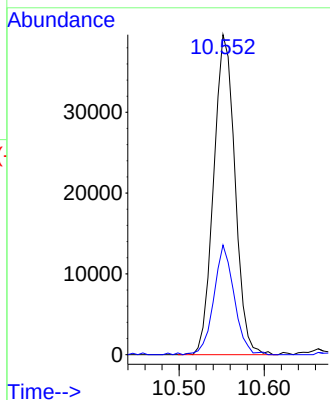
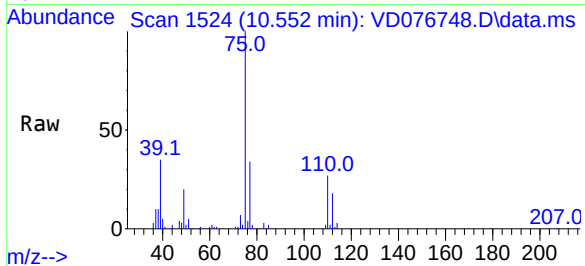




#53
t-1,3-Dichloropropene
Concen: 19.857 ug/l
RT: 10.552 min Scan# 11
Delta R.T. 0.001 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13

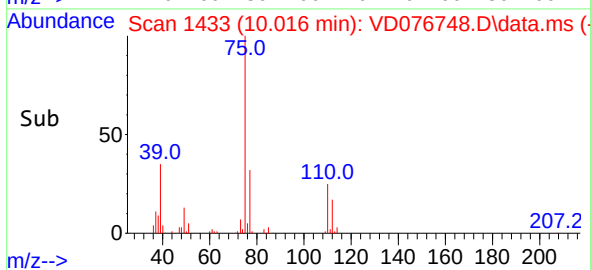
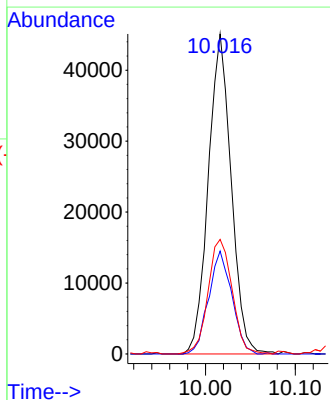
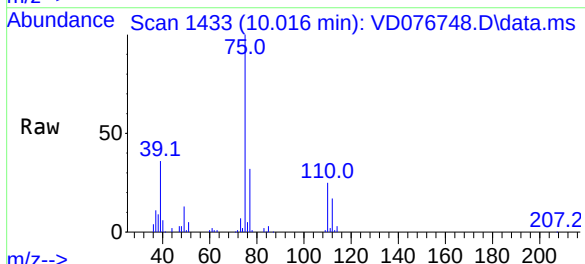
Instrument :
MSVOA_D
ClientSampleId :
VD0717SBSD01

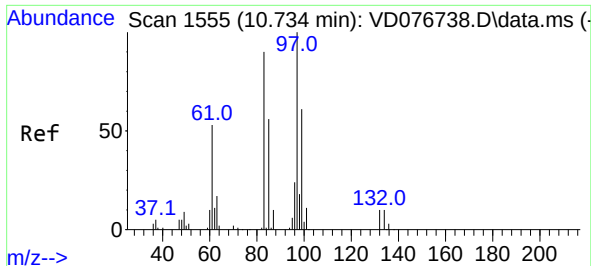
Tgt Ion: 75 Resp: 68826
Ion Ratio Lower Upper
75 100
77 34.2 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 19.545 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13

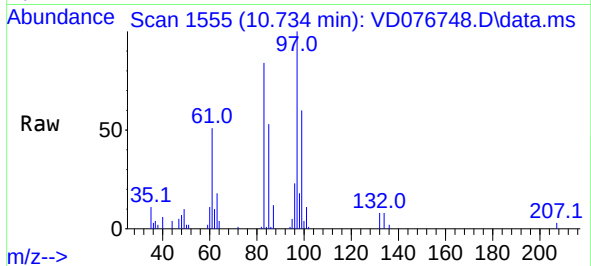
Tgt Ion: 75 Resp: 79839
Ion Ratio Lower Upper
75 100
77 32.2 25.5 38.3
39 35.8 22.1 33.1#





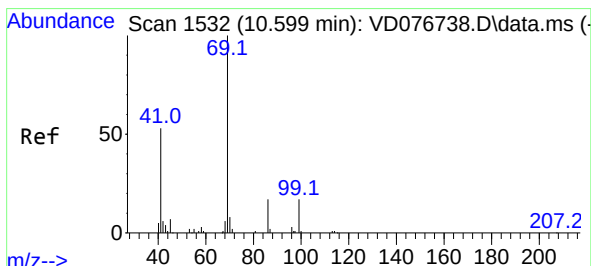
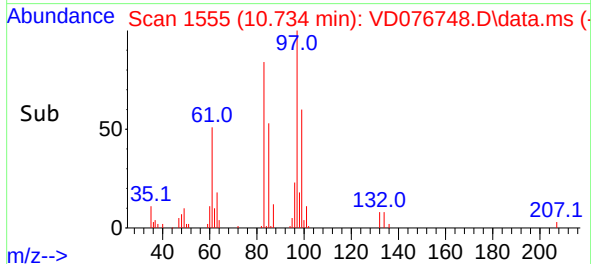
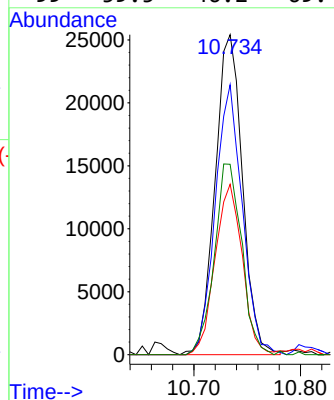
#55
1,1,2-Trichloroethane
Concen: 20.848 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13

Instrument :
MSVOA_D
ClientSampleId :
VD0717SBSD01



Tgt Ion: 97 Resp: 45302

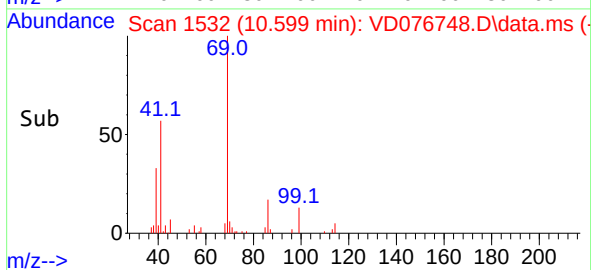
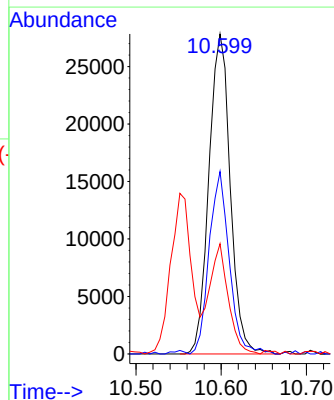
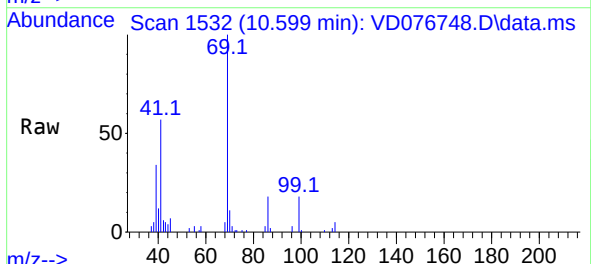
Ion	Ratio	Lower	Upper
97	100		
83	84.4	65.8	98.6
85	53.3	45.7	68.5
99	59.5	46.2	69.4

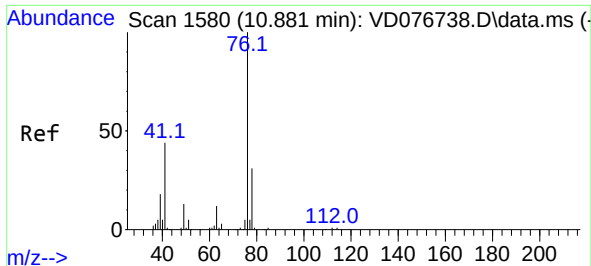


#56
Ethyl methacrylate
Concen: 19.308 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. -0.000 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13

Tgt Ion: 69 Resp: 48424

Ion	Ratio	Lower	Upper
69	100		
41	53.9	39.1	58.7
39	30.5	20.0	30.0#





#57

1,3-Dichloropropane

Concen: 19.718 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD076748.D

Acq: 17 Jul 2023 12:13

Instrument :

MSVOA_D

ClientSampleId :

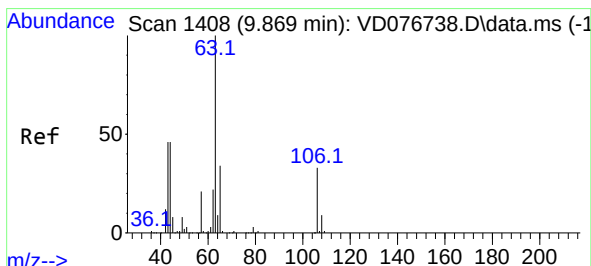
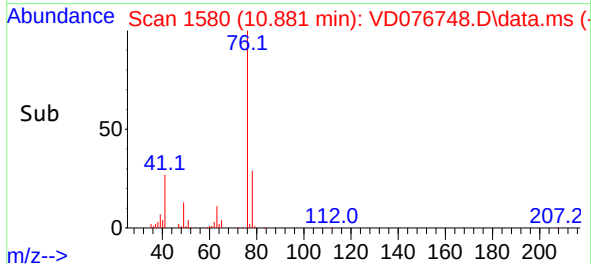
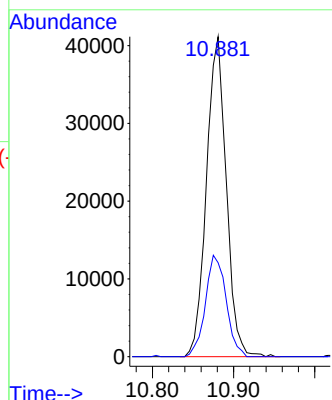
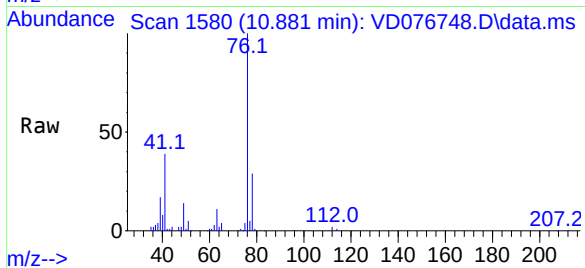
VD0717SBSD01

Tgt Ion: 76 Resp: 69777

Ion Ratio Lower Upper

76 100

78 33.2 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 100.678 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD076748.D

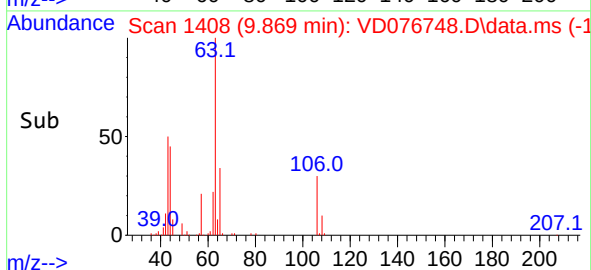
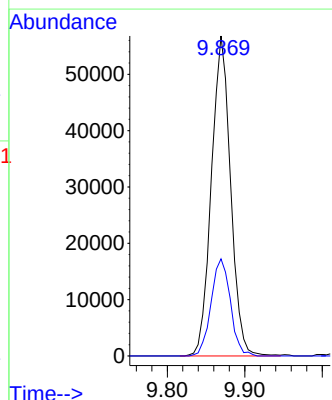
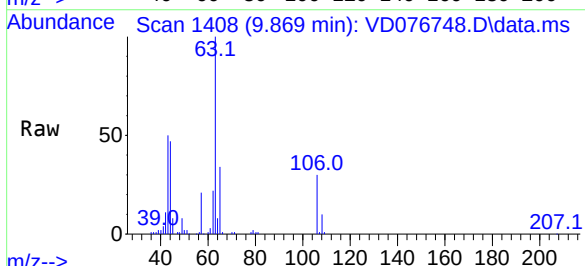
Acq: 17 Jul 2023 12:13

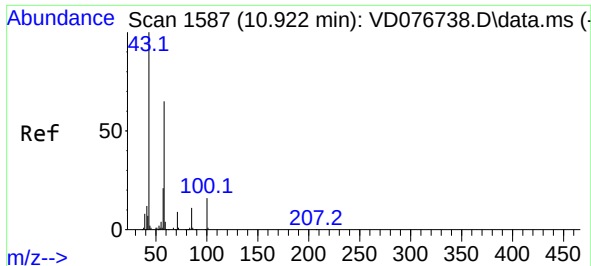
Tgt Ion: 63 Resp: 97738

Ion Ratio Lower Upper

63 100

106 30.5 25.3 37.9

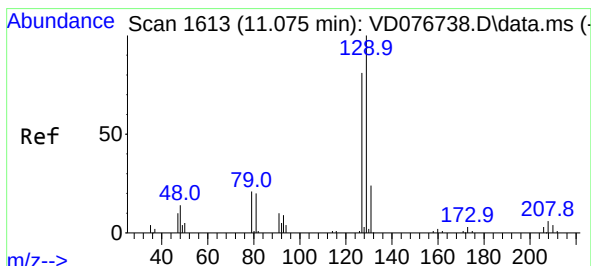
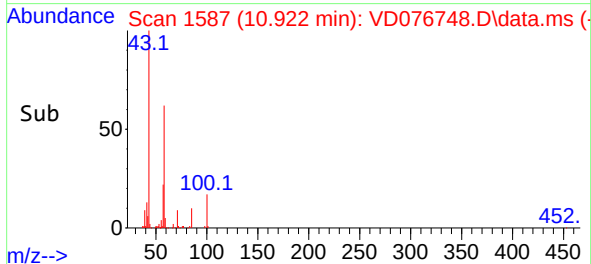
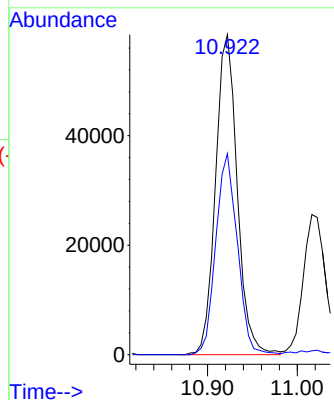
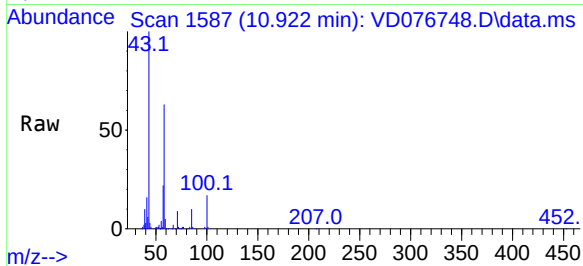




#59
2-Hexanone
Concen: 94.809 ug/l
RT: 10.922 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13

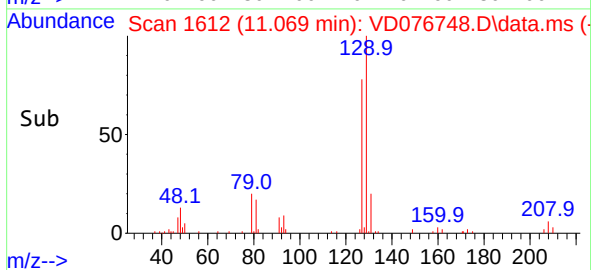
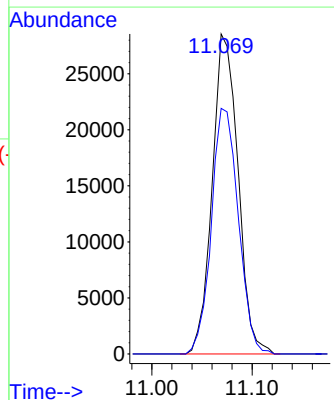
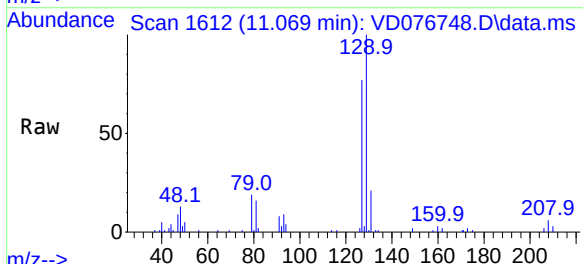
Instrument :
MSVOA_D
ClientSampleId :
VD0717SBSD01

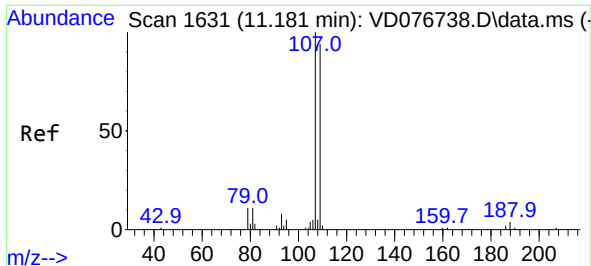
Tgt Ion: 43 Resp: 98122
Ion Ratio Lower Upper
43 100
58 62.5 34.1 102.2



#60
Dibromochloromethane
Concen: 20.205 ug/l
RT: 11.069 min Scan# 1612
Delta R.T. -0.006 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13

Tgt Ion:129 Resp: 51005
Ion Ratio Lower Upper
129 100
127 80.3 37.1 111.5

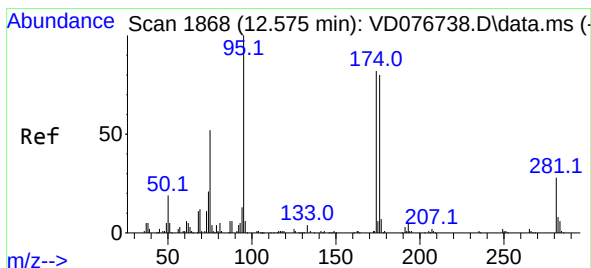
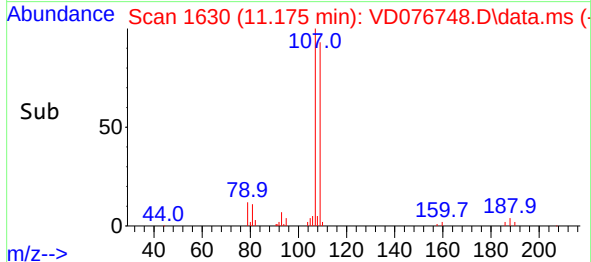
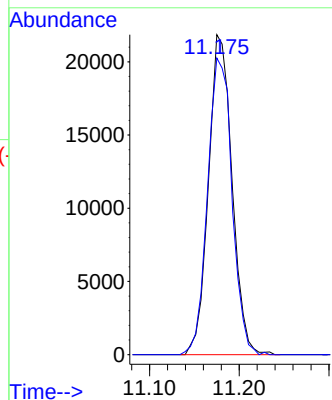
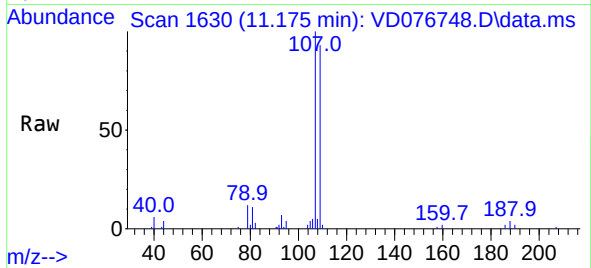




#61
1,2-Dibromoethane
Concen: 19.787 ug/l
RT: 11.175 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13

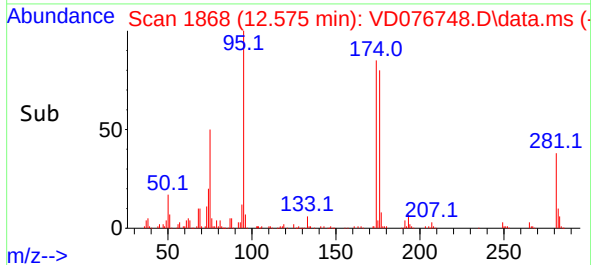
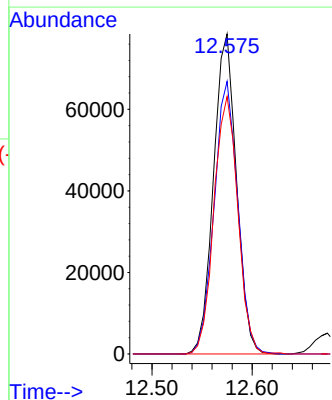
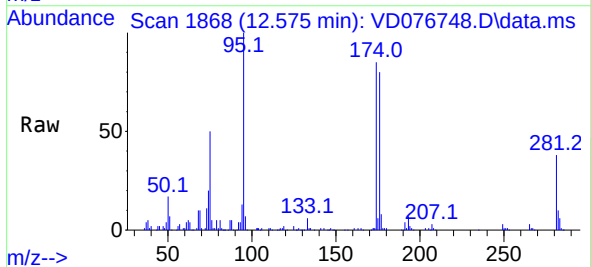
Instrument :
MSVOA_D
ClientSampleId :
VD0717SBSD01

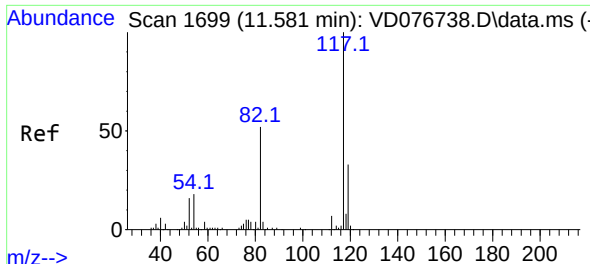
Tgt Ion:107 Resp: 39862
Ion Ratio Lower Upper
107 100
109 96.2 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 45.167 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13

Tgt Ion: 95 Resp: 124855
Ion Ratio Lower Upper
95 100
174 87.6 0.0 201.8
176 83.8 0.0 191.8

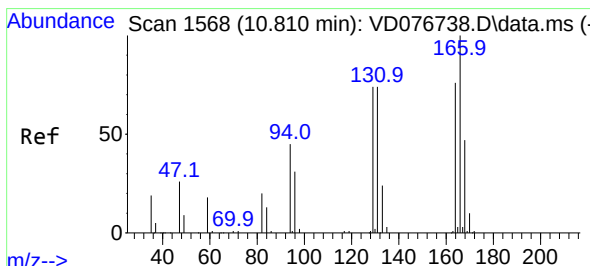
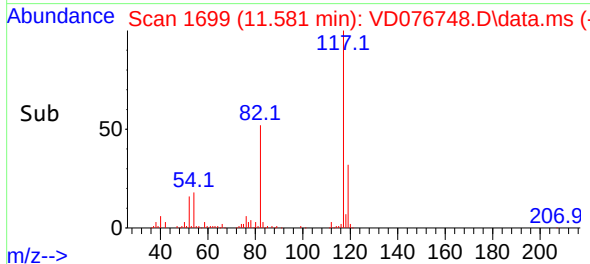
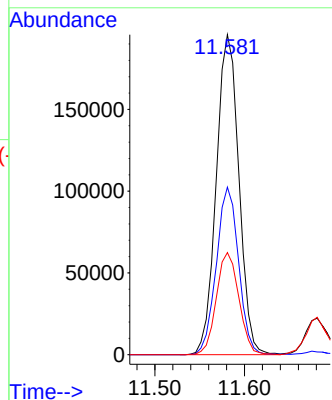
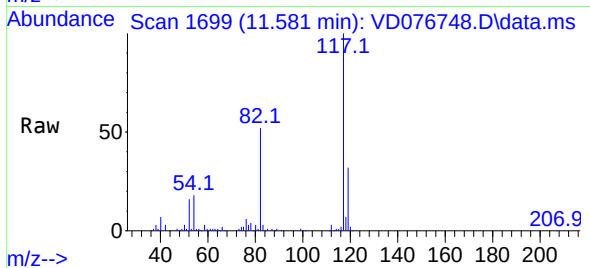




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13

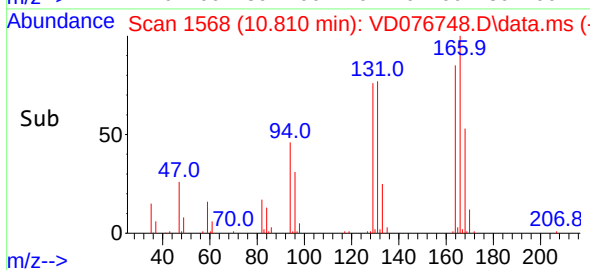
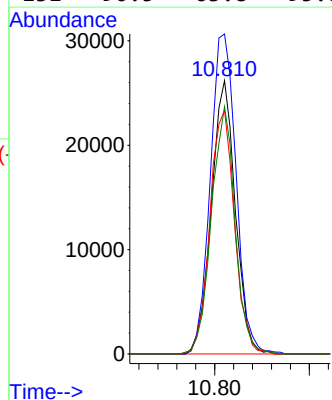
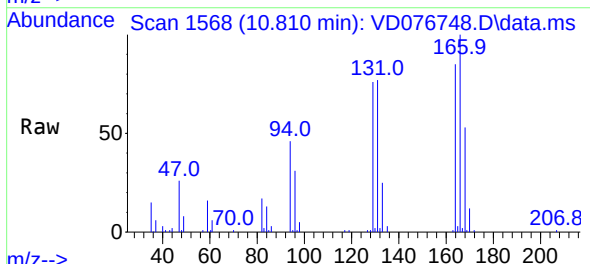
Instrument :
MSVOA_D
ClientSampleId :
VD0717SBSD01

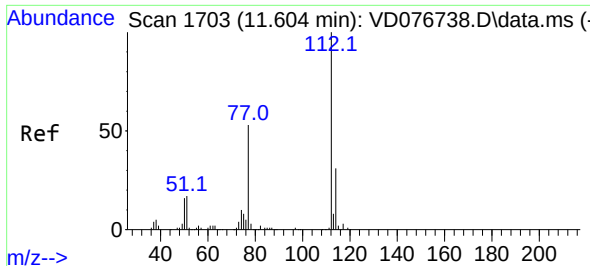
Tgt Ion:	117	Resp:	342926
Ion	Ratio	Lower	Upper
117	100		
82	52.4	38.3	57.5
119	31.9	25.0	37.4



#64
Tetrachloroethene
Concen: 23.683 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13

Tgt Ion:	164	Resp:	46310
Ion	Ratio	Lower	Upper
164	100		
166	117.1	99.2	148.8
129	89.2	68.4	102.6
131	90.5	63.8	95.8

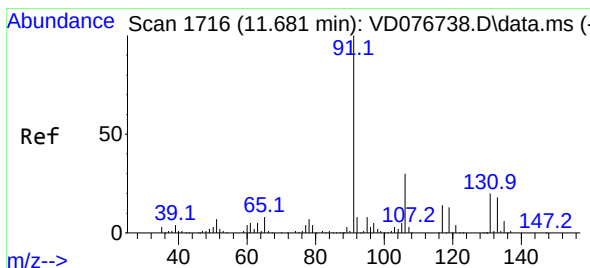
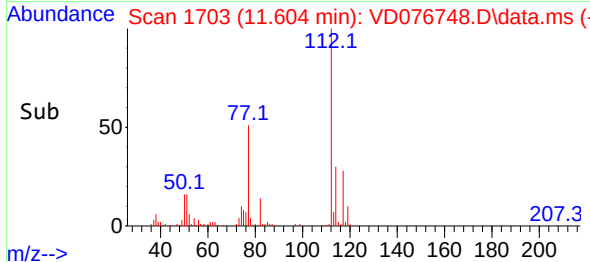
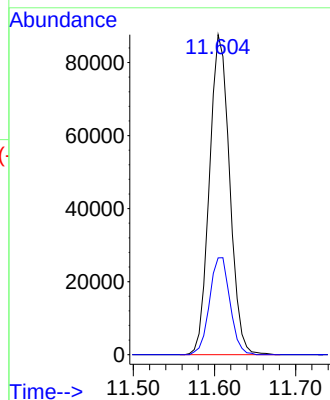
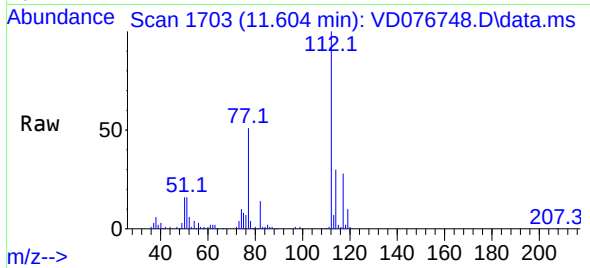




#65
Chlorobenzene
Concen: 21.937 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13

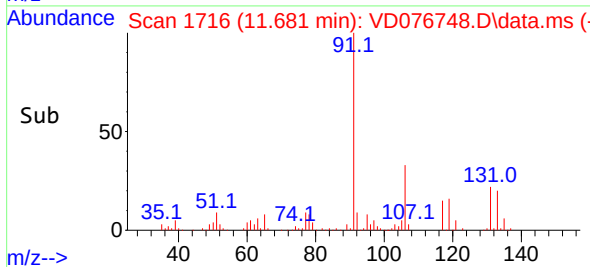
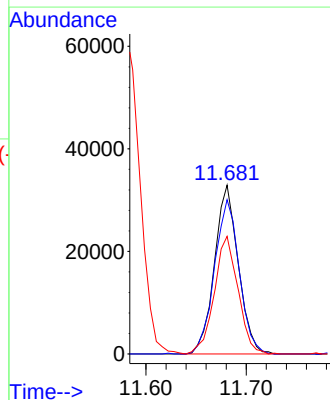
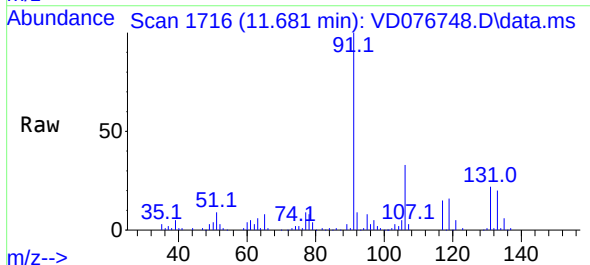
Instrument :
MSVOA_D
ClientSampleId :
VD0717SBSD01

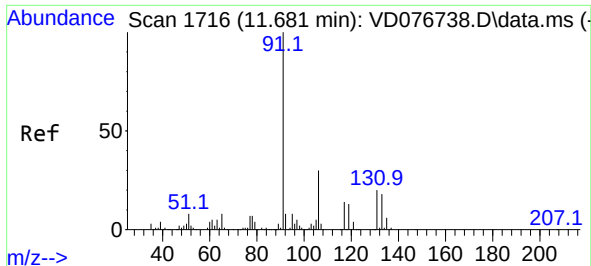
Tgt Ion:112 Resp: 151299
Ion Ratio Lower Upper
112 100
114 30.2 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 21.093 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13

Tgt Ion:131 Resp: 54161
Ion Ratio Lower Upper
131 100
133 95.3 48.5 145.5
119 69.7 35.6 106.9

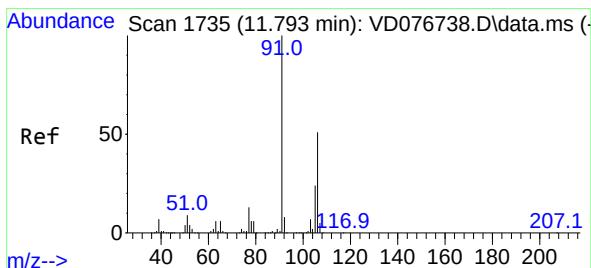
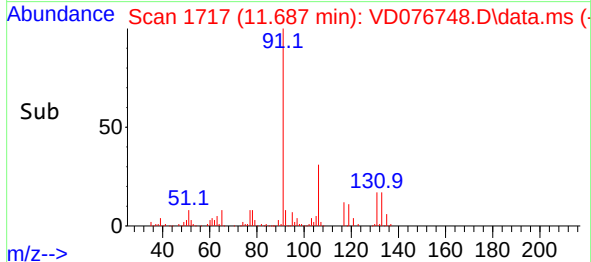
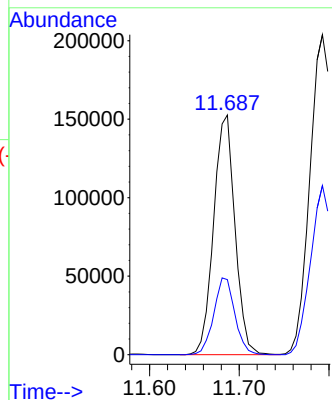
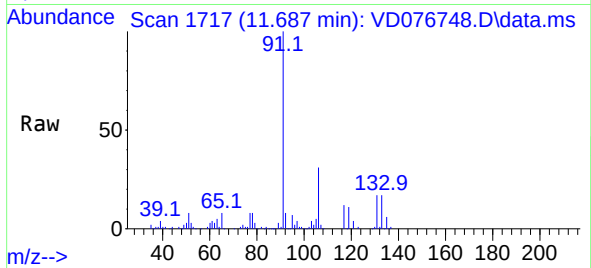




#67
Ethyl Benzene
Concen: 20.819 ug/l
RT: 11.687 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13

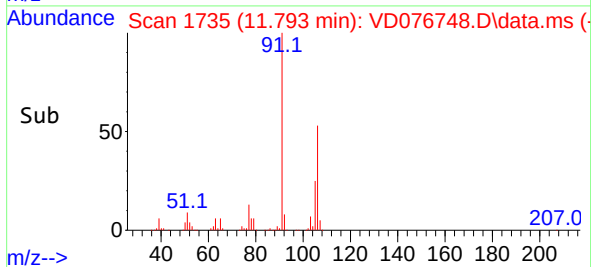
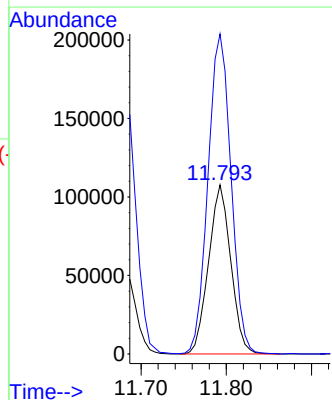
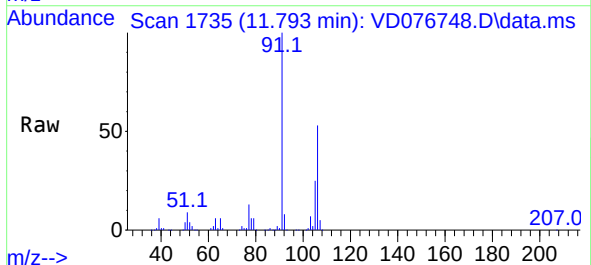
Instrument :
MSVOA_D
ClientSampleId :
VD0717SBSD01

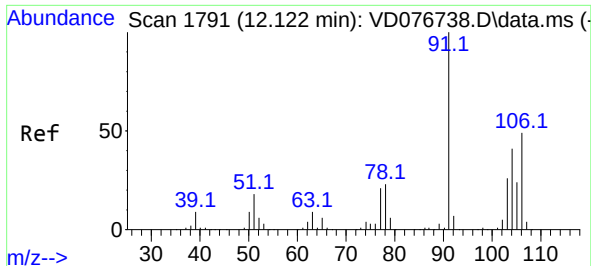
Tgt Ion: 91 Resp: 252168
Ion Ratio Lower Upper
91 100
106 31.3 26.5 39.7



#68
m/p-Xylenes
Concen: 41.971 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13

Tgt Ion:106 Resp: 195246
Ion Ratio Lower Upper
106 100
91 196.5 147.0 220.6

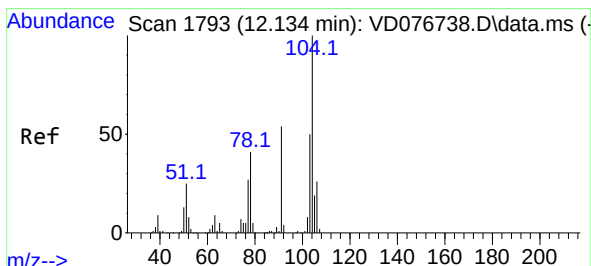
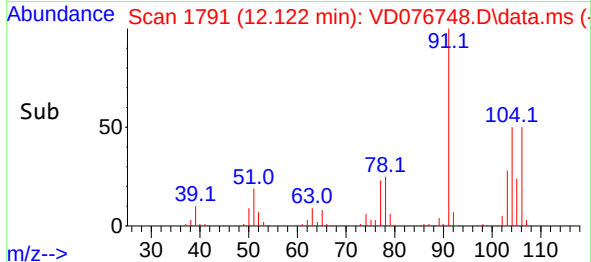
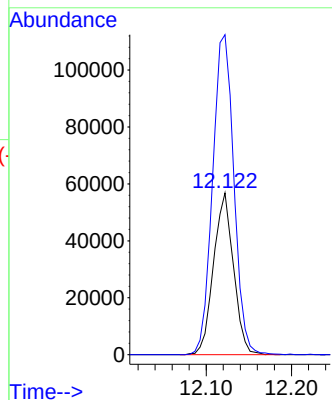
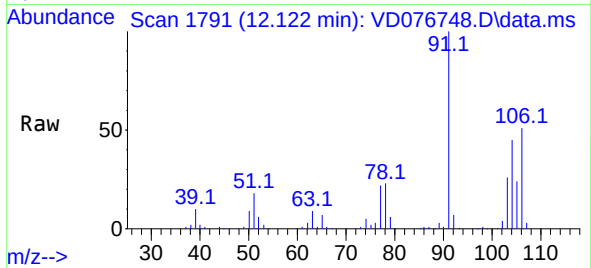




#69
o-Xylene
Concen: 20.541 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13

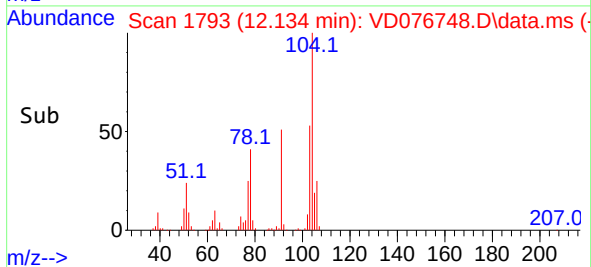
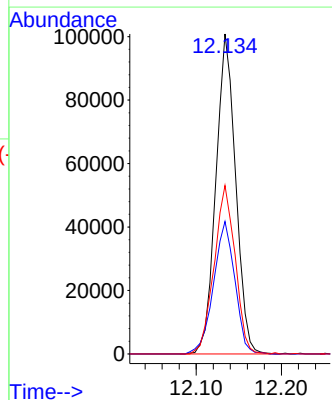
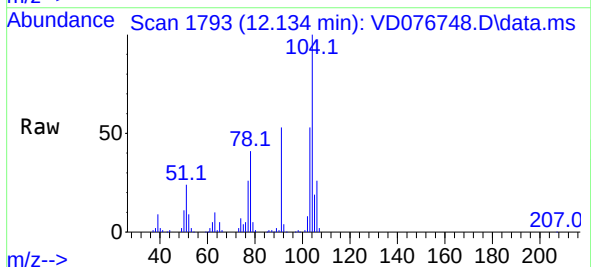
Instrument :
MSVOA_D
ClientSampleId :
VD0717SBSD01

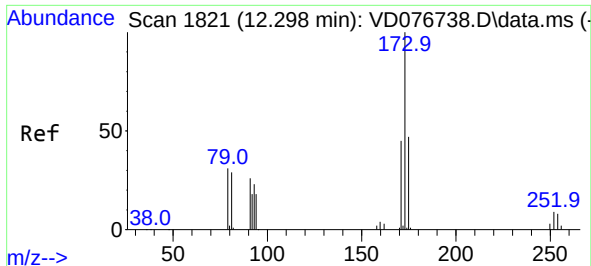
Tgt Ion:106 Resp: 92403
Ion Ratio Lower Upper
106 100
91 211.1 97.9 293.6



#70
Styrene
Concen: 20.599 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13

Tgt Ion:104 Resp: 162211
Ion Ratio Lower Upper
104 100
78 44.7 33.2 49.8
103 56.1 43.6 65.4

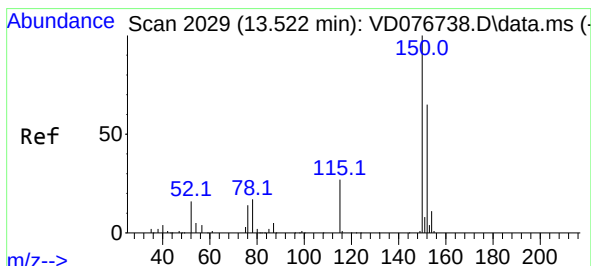
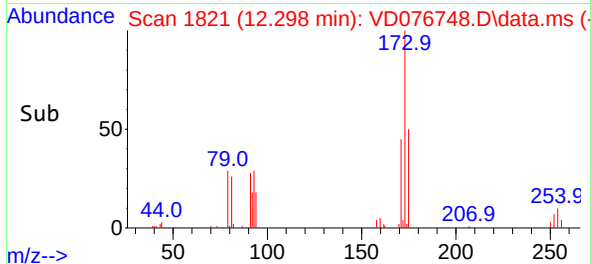
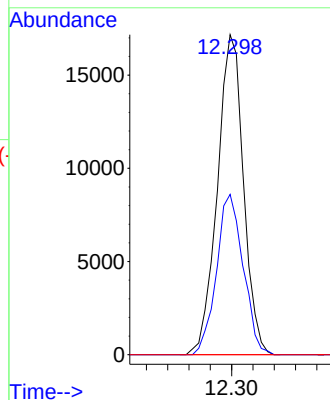
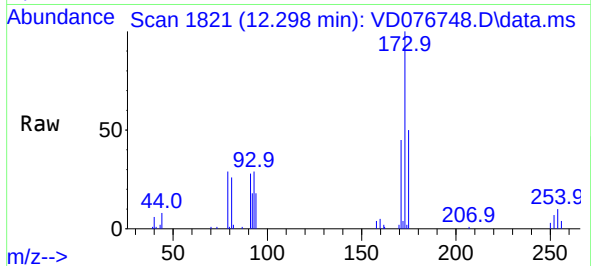




#71
Bromoform
Concen: 20.750 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13

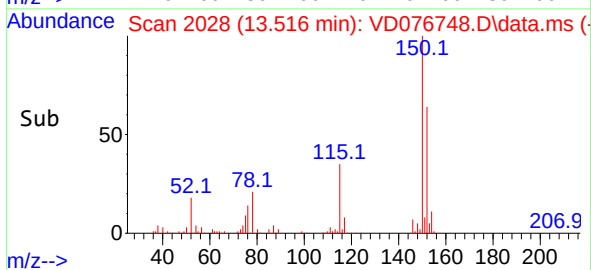
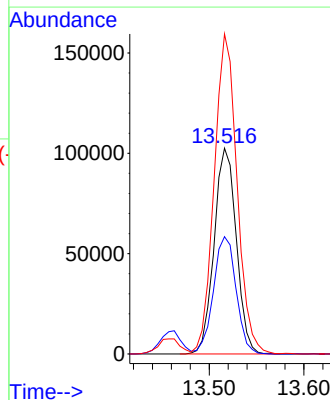
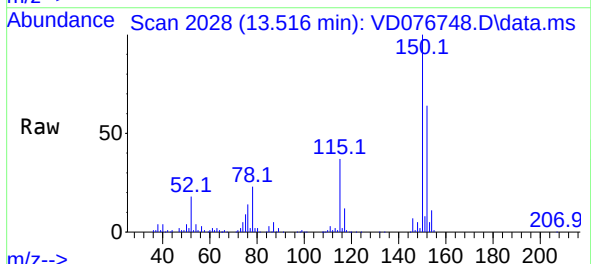
Instrument :
MSVOA_D
ClientSampleId :
VD0717SBSD01

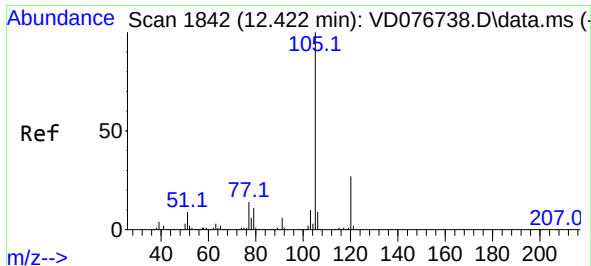
Tgt Ion:	173	Resp:	29181
Ion Ratio	Lower	Upper	
173	100		
175	51.2	24.6	73.8
254	0.0	0.0	0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13

Tgt Ion:	152	Resp:	166932
Ion Ratio	Lower	Upper	
152	100		
115	58.3	27.1	81.3
150	160.2	0.0	353.6

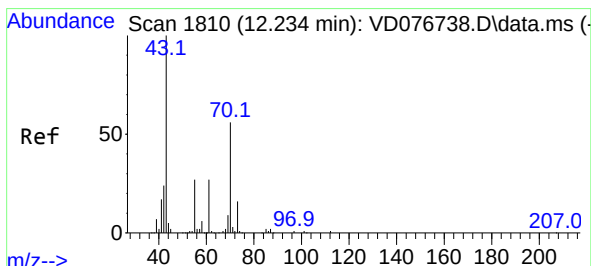
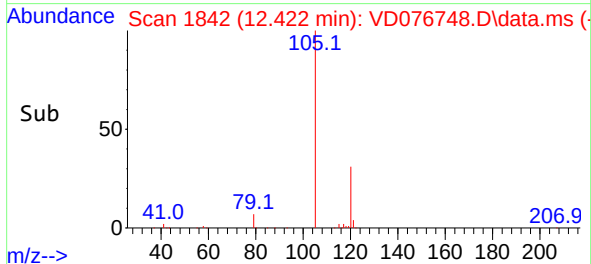
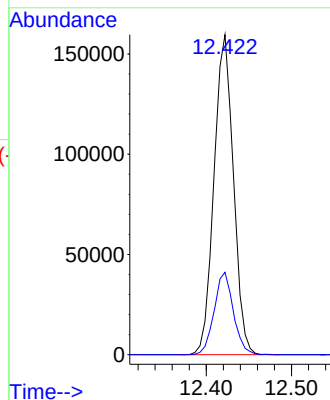
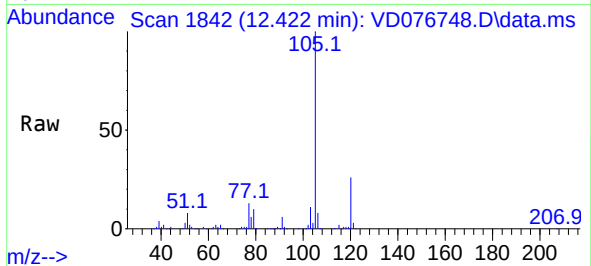




#73
Isopropylbenzene
Concen: 20.833 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13

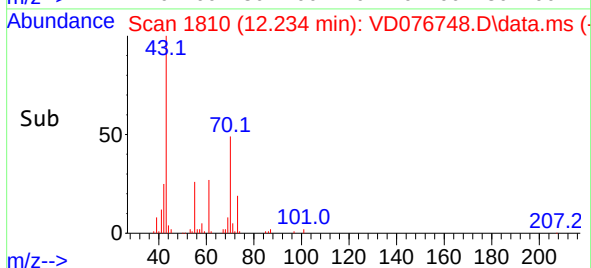
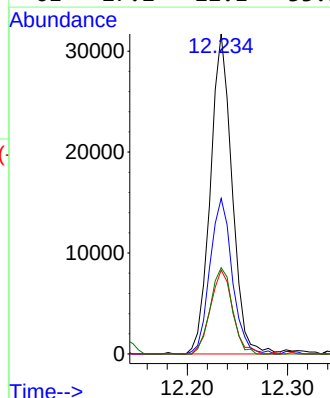
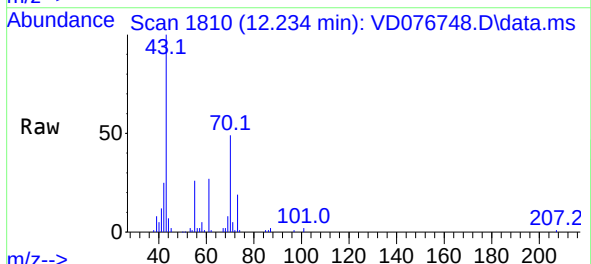
Instrument :
MSVOA_D
ClientSampleId :
VD0717SBSD01

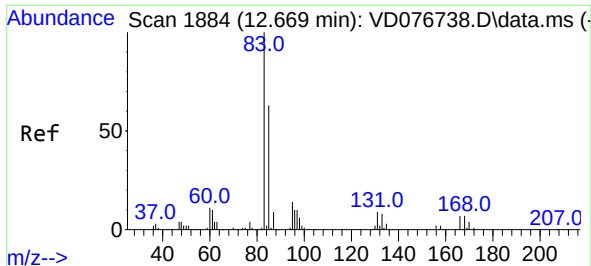
Tgt Ion:105 Resp: 252313
Ion Ratio Lower Upper
105 100
120 25.5 14.3 42.9



#74
N-ethyl acetate
Concen: 18.672 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13

Tgt Ion: 43 Resp: 47641
Ion Ratio Lower Upper
43 100
70 50.0 45.0 67.4
55 26.9 23.8 35.6
61 27.2 22.1 33.1

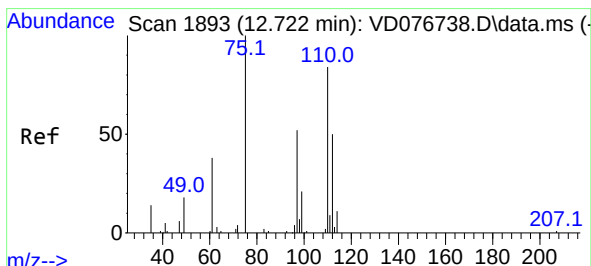
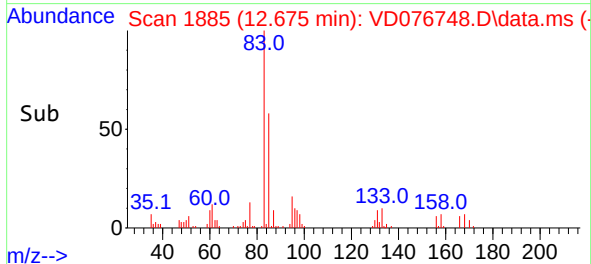
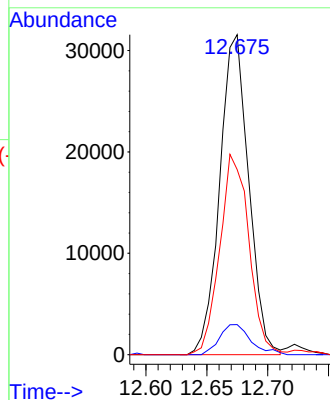
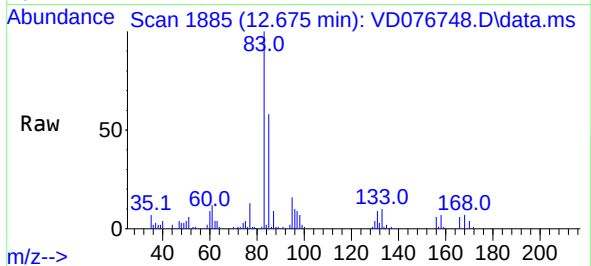




#75
1,1,2,2-Tetrachloroethane
Concen: 20.079 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.006 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13

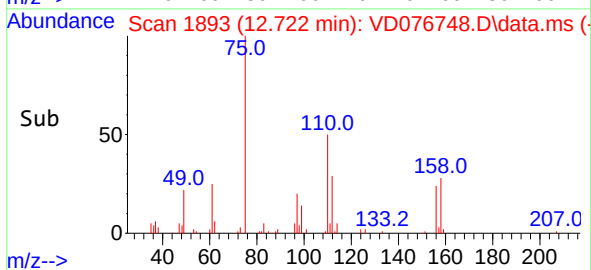
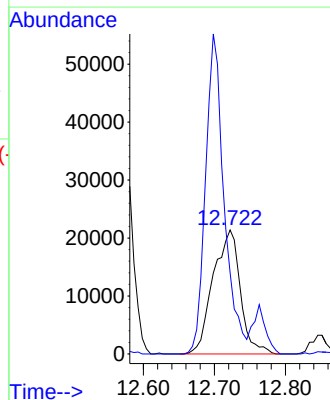
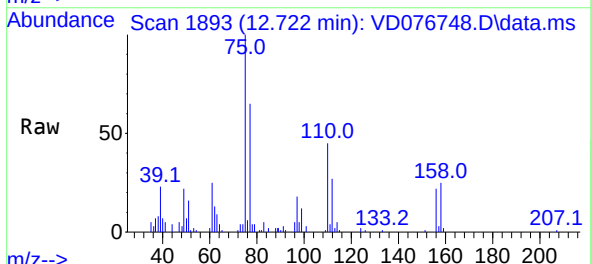
Instrument :
MSVOA_D
ClientSampleId :
VD0717SBSD01

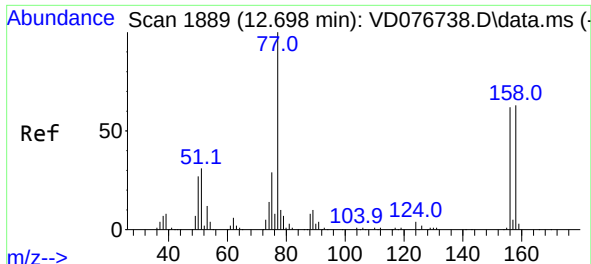
Tgt Ion: 83 Resp: 52213
Ion Ratio Lower Upper
83 100
131 10.1 5.1 15.3
85 63.2 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 35.832 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13

Tgt Ion: 75 Resp: 56883
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

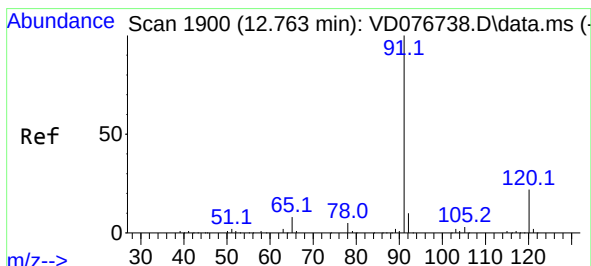
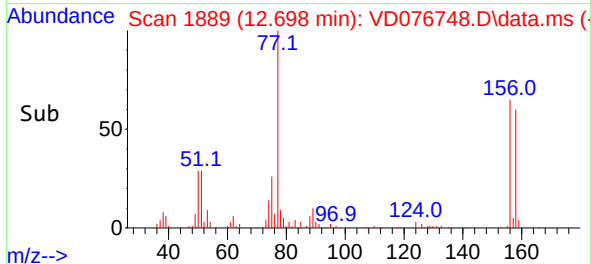
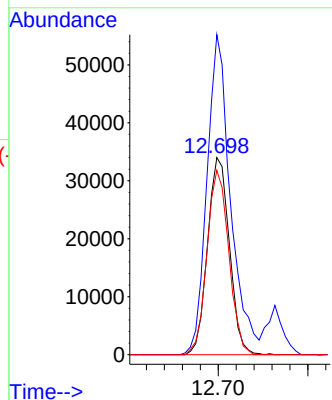
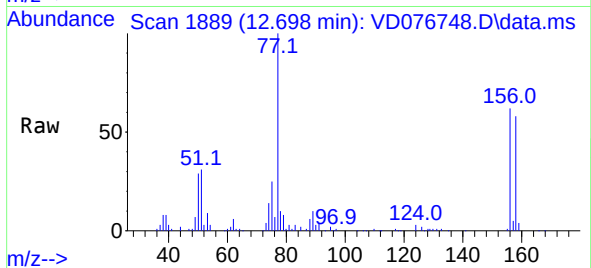




#77
Bromobenzene
Concen: 20.609 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13

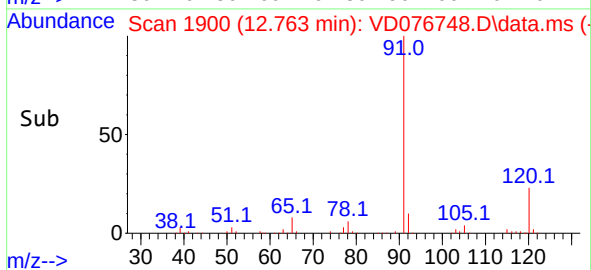
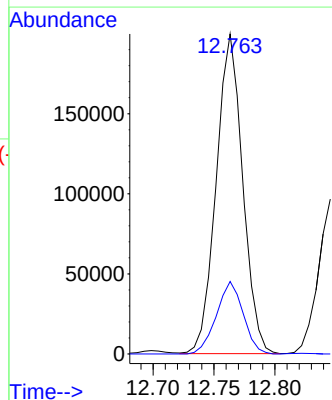
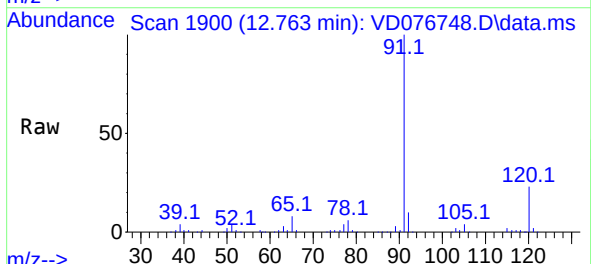
Instrument :
MSVOA_D
ClientSampleId :
VD0717SBSD01

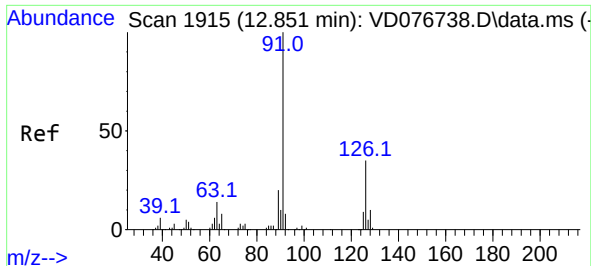
Tgt Ion:	156	Resp:	57613
Ion	Ratio	Lower	Upper
156	100		
77	174.7	76.8	230.4
158	93.3	48.6	145.9



#78
n-propylbenzene
Concen: 20.551 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13

Tgt Ion:	91	Resp:	301746
Ion	Ratio	Lower	Upper
91	100		
120	22.8	12.4	37.2

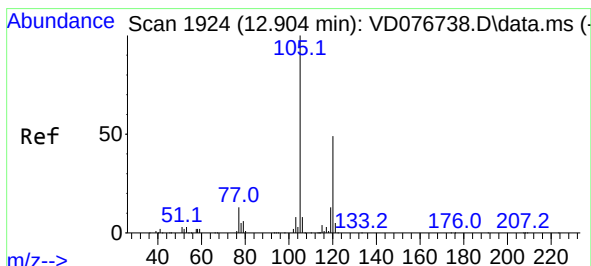
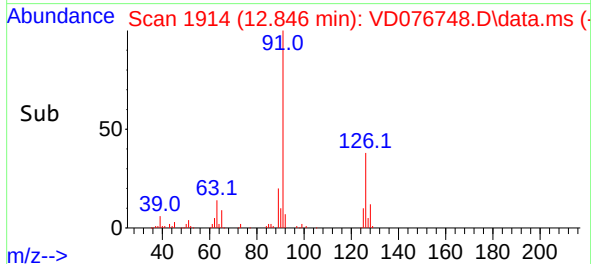
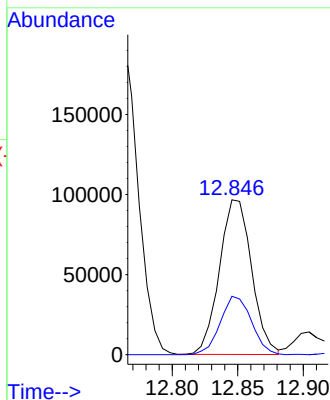
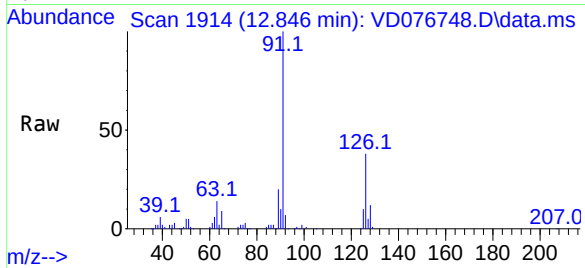




#79
2-Chlorotoluene
Concen: 20.548 ug/l
RT: 12.846 min Scan# 1914
Delta R.T. -0.005 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13

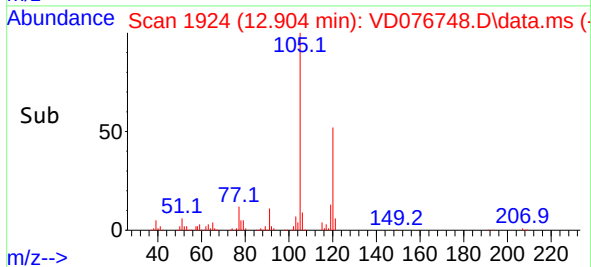
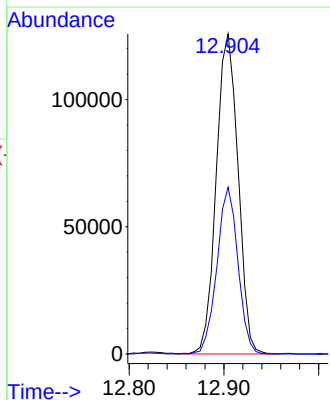
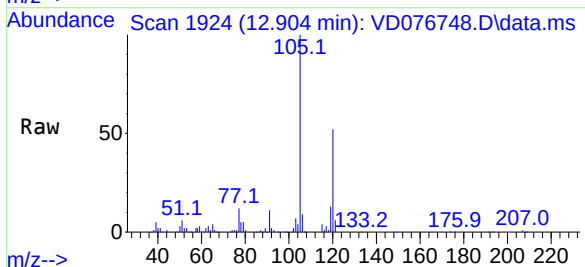
Instrument :
MSVOA_D
ClientSampleId :
VD0717SBSD01

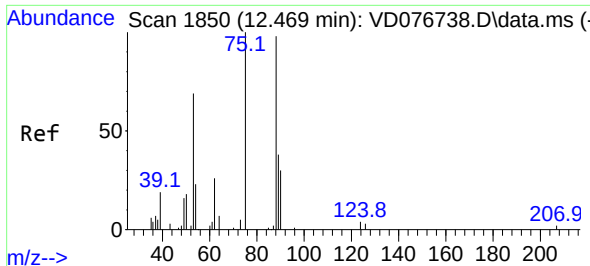
Tgt Ion: 91 Resp: 165425
Ion Ratio Lower Upper
91 100
126 36.5 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 20.555 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13

Tgt Ion: 105 Resp: 201292
Ion Ratio Lower Upper
105 100
120 50.1 26.4 79.2

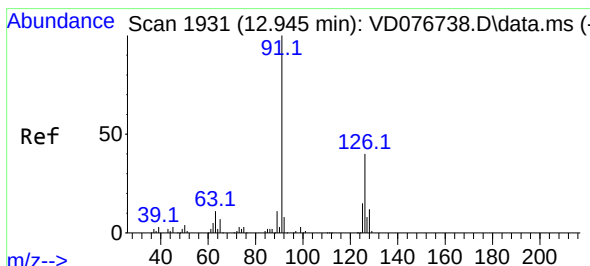
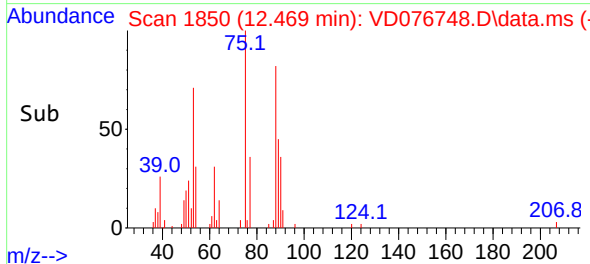
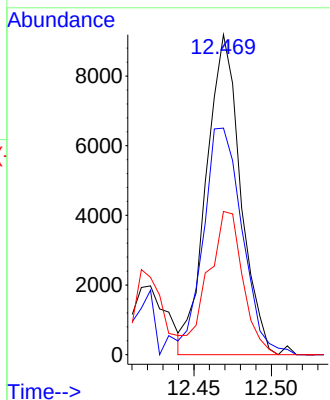
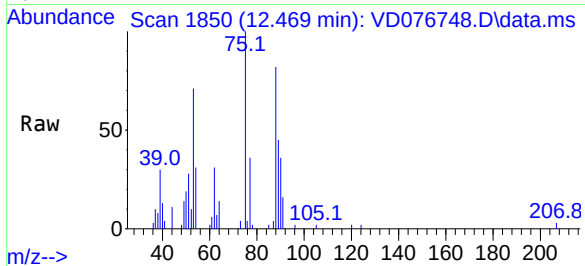




#81
trans-1,4-Dichloro-2-butene
Concen: 18.857 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13

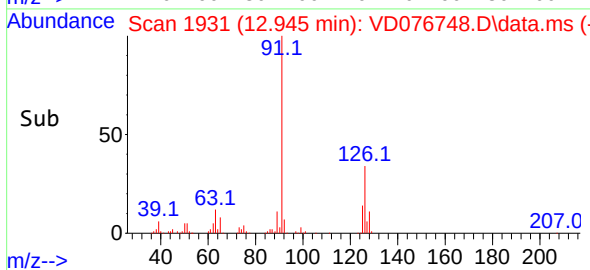
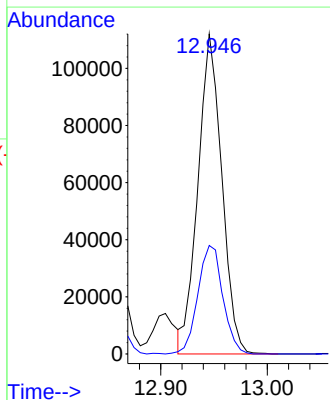
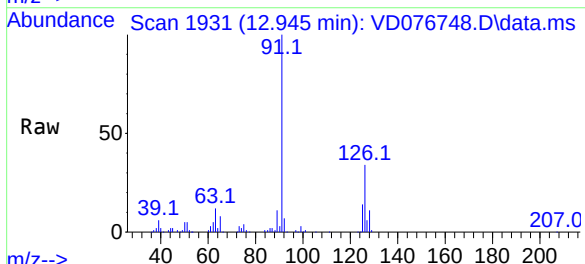
Instrument :
MSVOA_D
ClientSampleId :
VD0717SBSD01

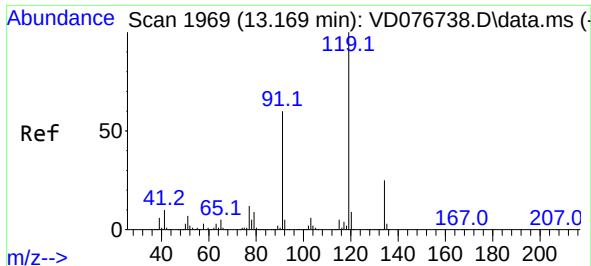
Tgt Ion:	75	Resp:	14066
Ion	Ratio	Lower	Upper
75	100		
53	80.4	63.0	94.4
89	46.1	37.9	56.9



#82
4-Chlorotoluene
Concen: 20.771 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13

Tgt Ion:	91	Resp:	174692
Ion	Ratio	Lower	Upper
91	100		
126	35.4	19.4	58.4

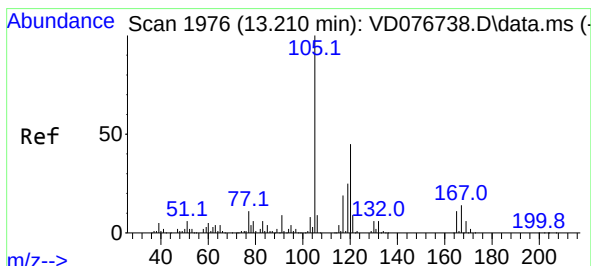
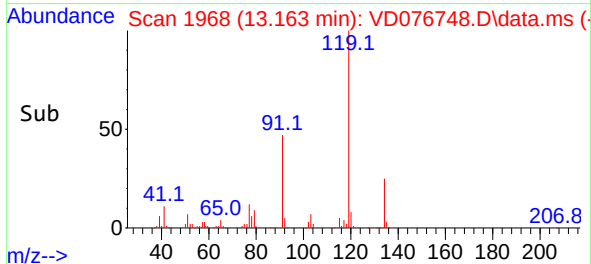
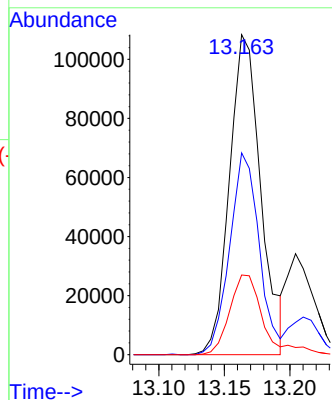
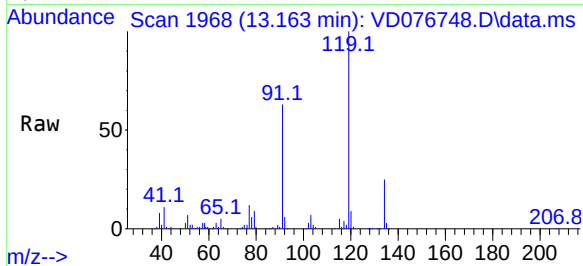




#83
tert-Butylbenzene
Concen: 20.895 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. -0.006 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13

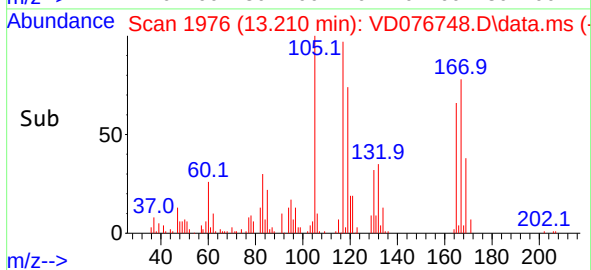
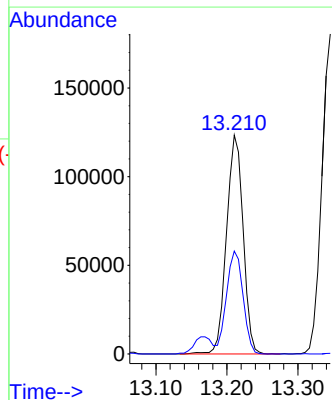
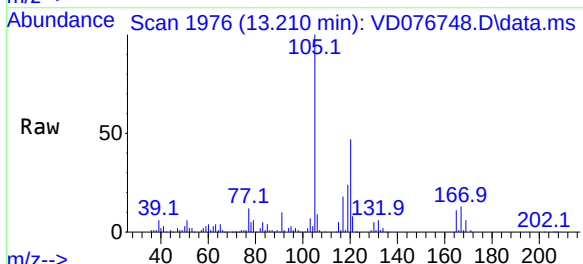
Instrument :
MSVOA_D
ClientSampleId :
VD0717SBSD01

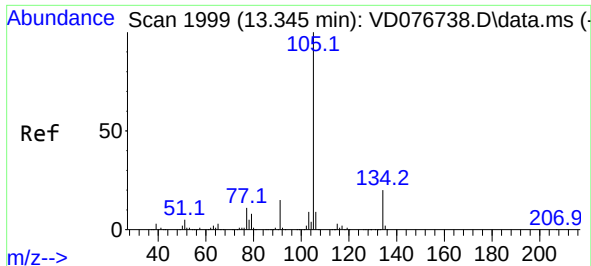
Tgt Ion:119 Resp: 180168
Ion Ratio Lower Upper
119 100
91 59.4 29.3 87.8
134 26.7 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 20.009 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13

Tgt Ion:105 Resp: 200239
Ion Ratio Lower Upper
105 100
120 47.2 24.3 72.9

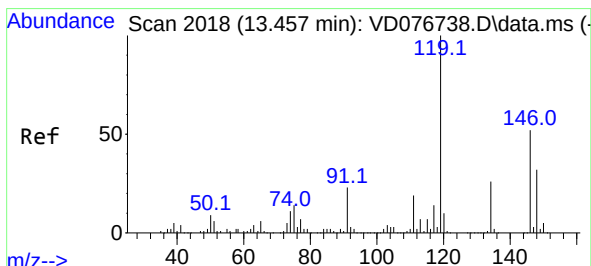
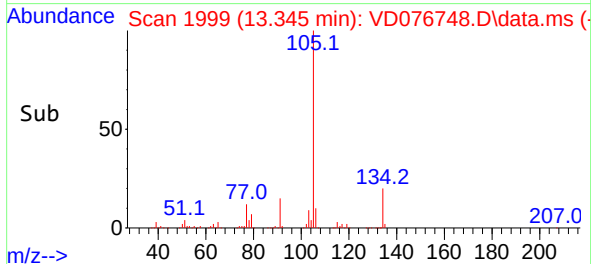
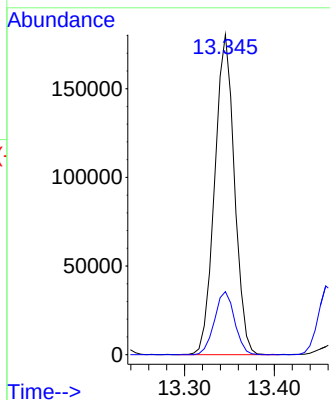
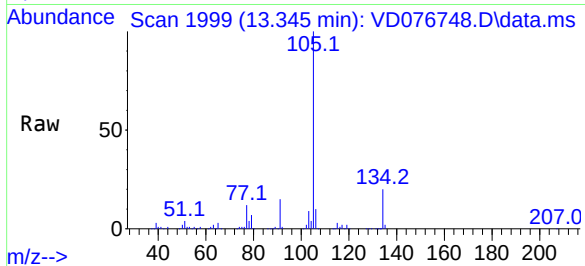




#85
sec-Butylbenzene
Concen: 20.913 ug/l
RT: 13.345 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13

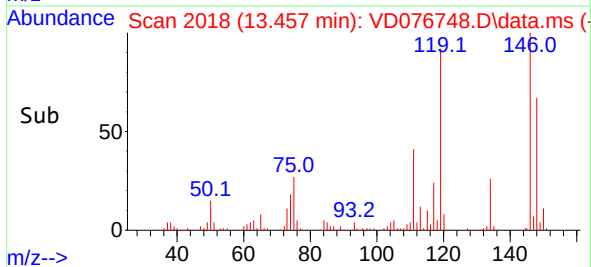
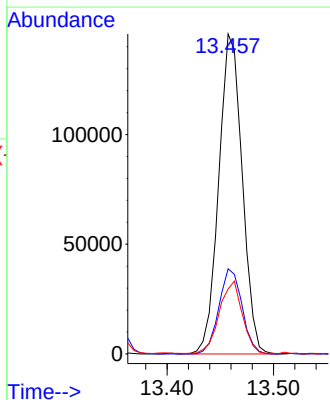
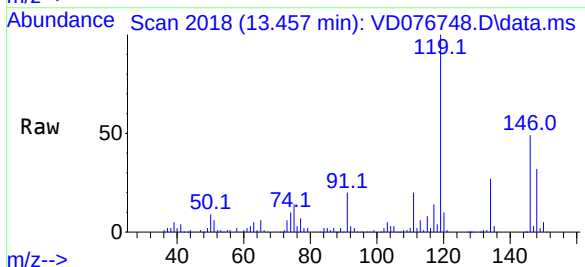
Instrument :
MSVOA_D
ClientSampleId :
VD0717SBS01

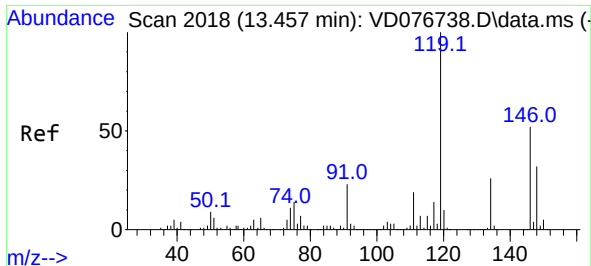
Tgt Ion:105 Resp: 275513
Ion Ratio Lower Upper
105 100
134 20.0 10.9 32.9



#86
p-Isopropyltoluene
Concen: 20.477 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13

Tgt Ion:119 Resp: 222783
Ion Ratio Lower Upper
119 100
134 26.2 14.2 42.6
91 22.3 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 20.525 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD076748.D

Acq: 17 Jul 2023 12:13

Instrument :

MSVOA_D

ClientSampleId :

VD0717SBSD01

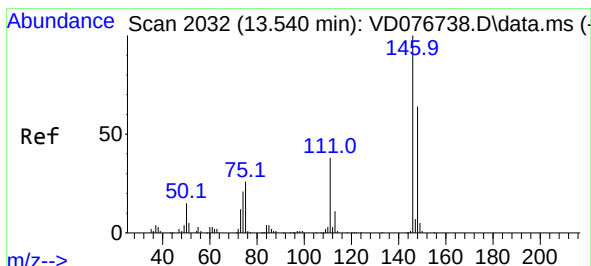
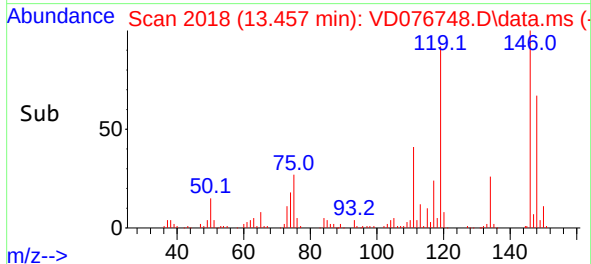
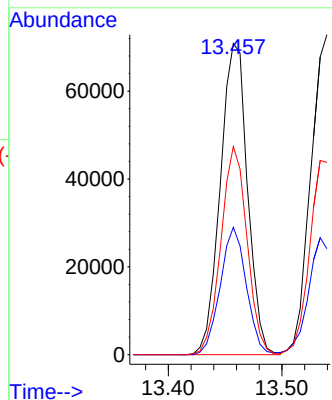
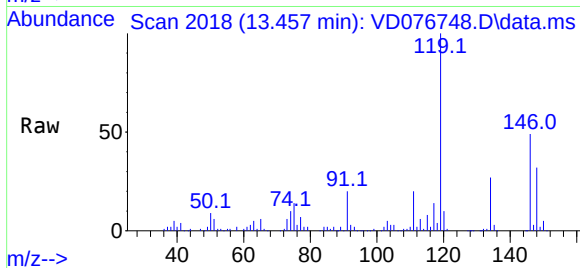
Tgt Ion:146 Resp: 118019

Ion Ratio Lower Upper

146 100

111 39.1 17.9 53.8

148 64.1 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 21.047 ug/l

RT: 13.540 min Scan# 2032

Delta R.T. -0.000 min

Lab File: VD076748.D

Acq: 17 Jul 2023 12:13

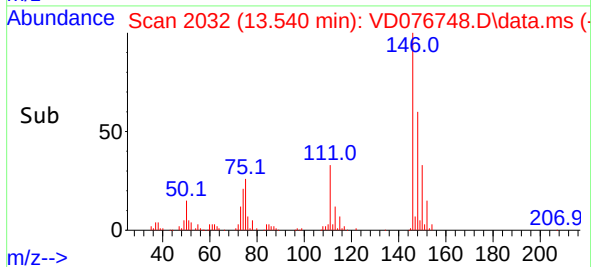
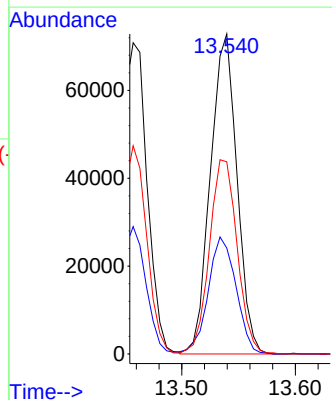
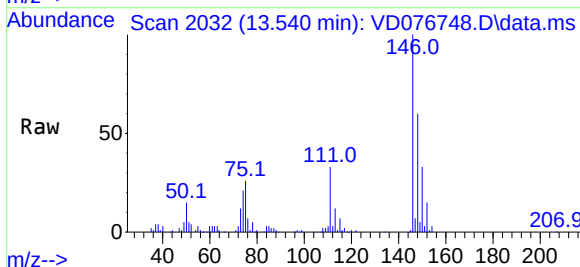
Tgt Ion:146 Resp: 118567

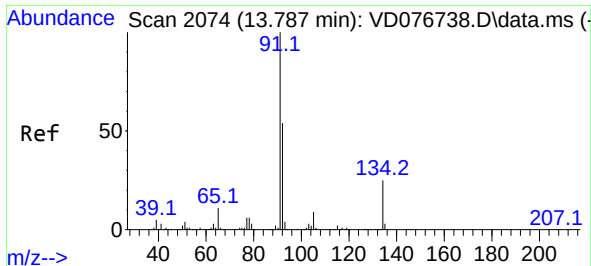
Ion Ratio Lower Upper

146 100

111 38.5 17.4 52.3

148 63.4 31.7 95.1



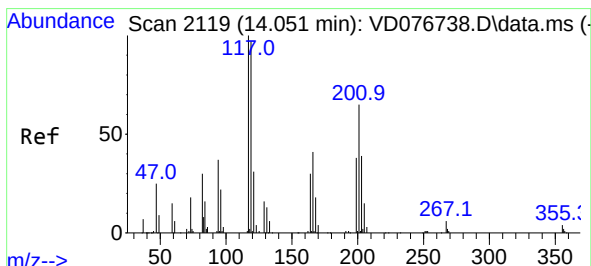
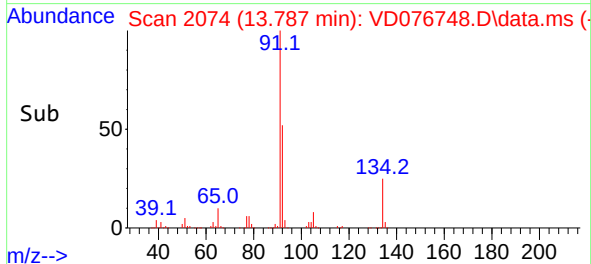
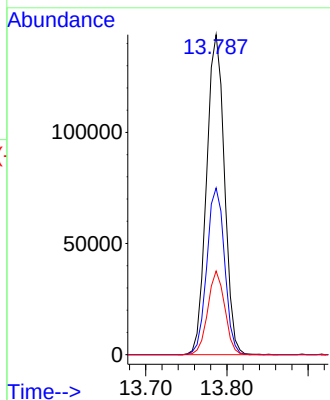
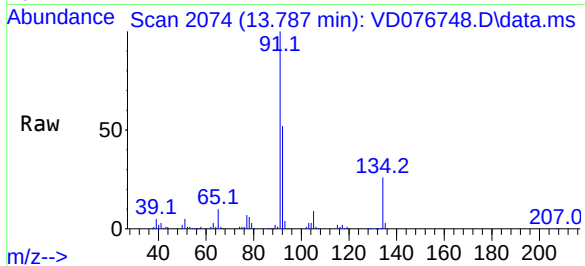


#89
n-Butylbenzene
Concen: 20.642 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. -0.000 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13

Instrument :
MSVOA_D
ClientSampleId :
VD0717SBSD01

Tgt Ion: 91 Resp: 219765

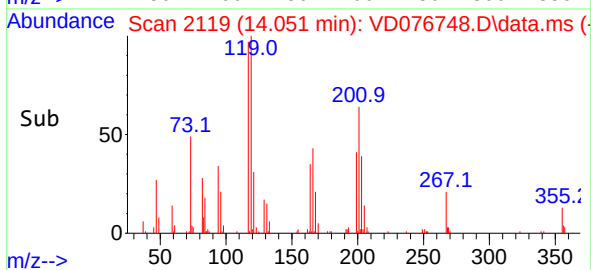
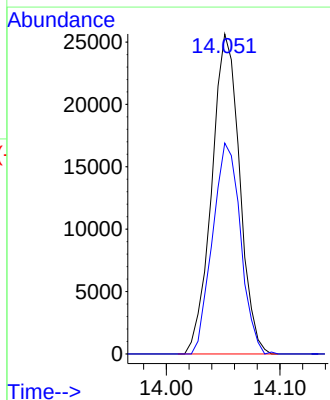
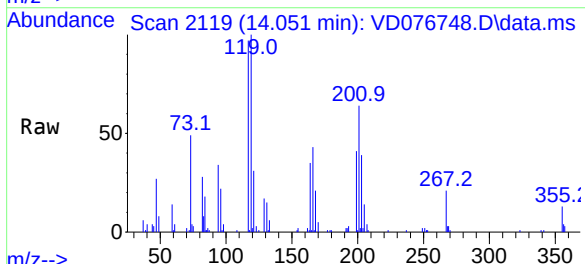
Ion	Ratio	Lower	Upper
91	100		
92	51.7	26.5	79.5
134	24.9	13.8	41.3

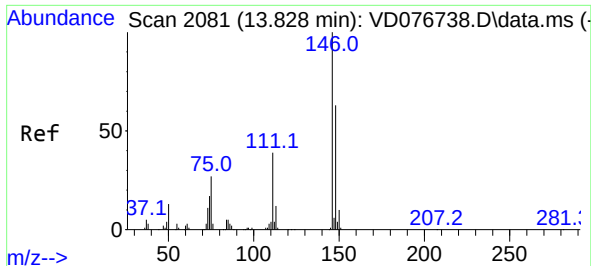


#90
Hexachloroethane
Concen: 21.743 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13

Tgt Ion: 117 Resp: 43734

Ion	Ratio	Lower	Upper
117	100		
201	66.2	38.5	115.5

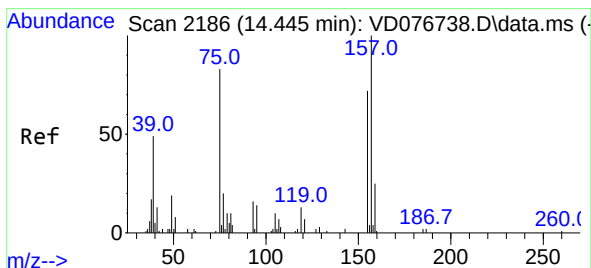
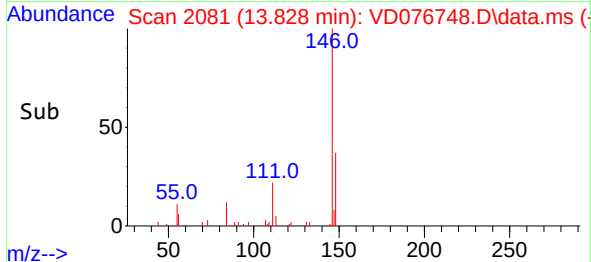
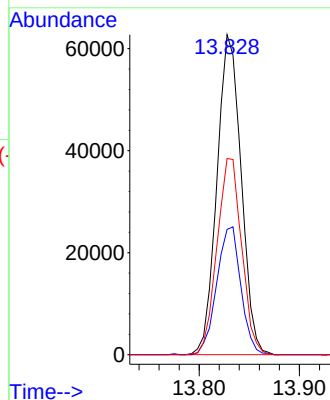
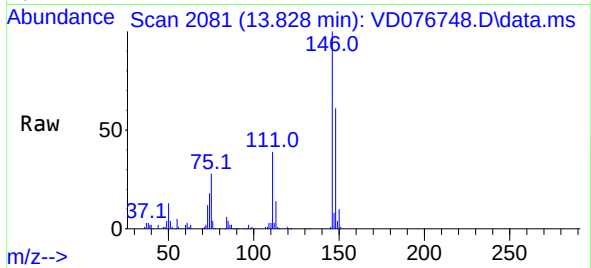




#91
 1,2-Dichlorobenzene
 Concen: 20.730 ug/l
 RT: 13.828 min Scan# 2081
 Delta R.T. -0.000 min
 Lab File: VD076748.D
 Acq: 17 Jul 2023 12:13

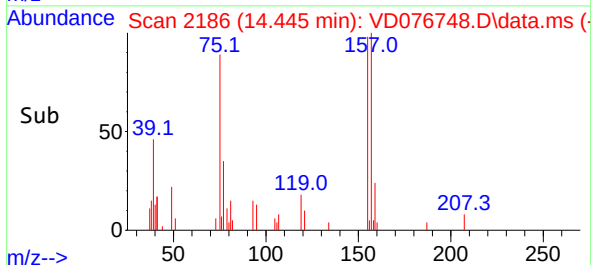
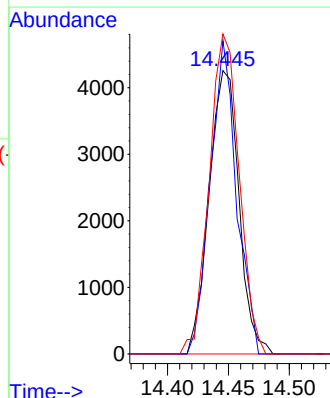
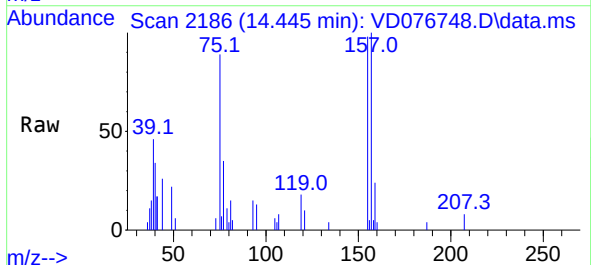
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0717SBSD01

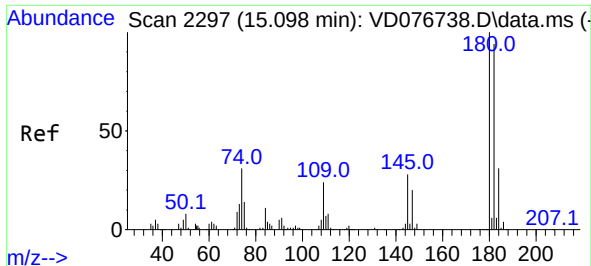
Tgt Ion:146 Resp: 105034
 Ion Ratio Lower Upper
 146 100
 111 39.9 18.3 54.8
 148 62.4 31.6 94.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.592 ug/l
 RT: 14.445 min Scan# 2186
 Delta R.T. 0.000 min
 Lab File: VD076748.D
 Acq: 17 Jul 2023 12:13

Tgt Ion: 75 Resp: 7264
 Ion Ratio Lower Upper
 75 100
 155 97.7 47.9 143.8
 157 113.5 59.9 179.7

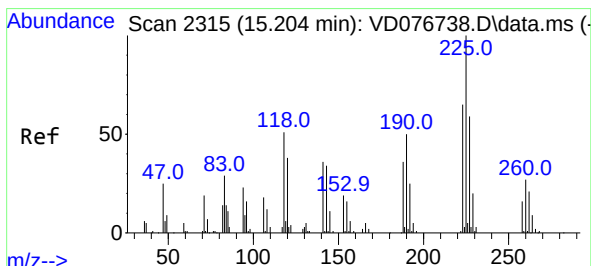
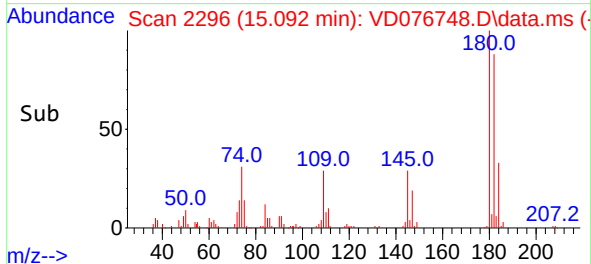
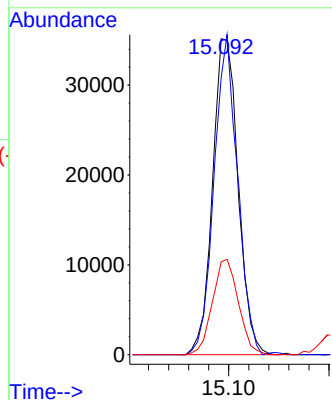
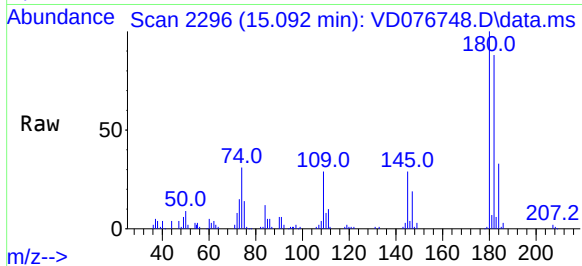




#93
1,2,4-Trichlorobenzene
Concen: 20.044 ug/l
RT: 15.092 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13

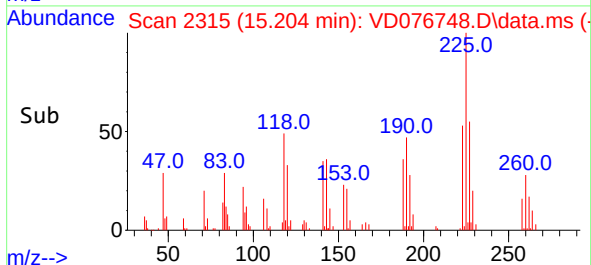
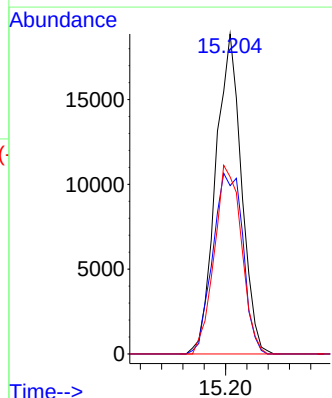
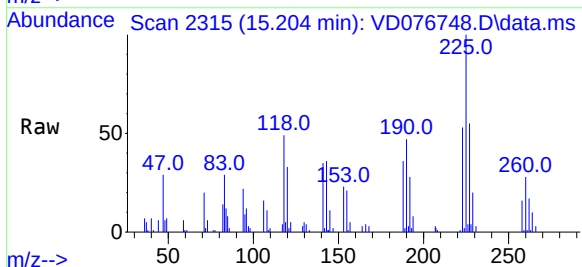
Instrument :
MSVOA_D
ClientSampleId :
VD0717SBSD01

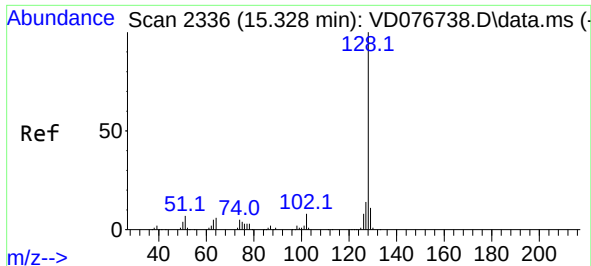
Tgt Ion:180 Resp: 62001
Ion Ratio Lower Upper
180 100
182 93.4 48.5 145.6
145 30.7 14.2 42.6



#94
Hexachlorobutadiene
Concen: 21.271 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. 0.000 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13

Tgt Ion:225 Resp: 31645
Ion Ratio Lower Upper
225 100
223 65.8 31.6 94.8
227 62.3 31.7 95.1

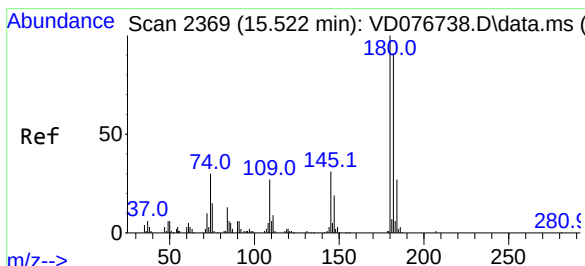
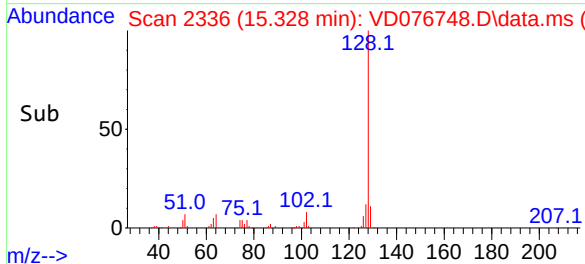
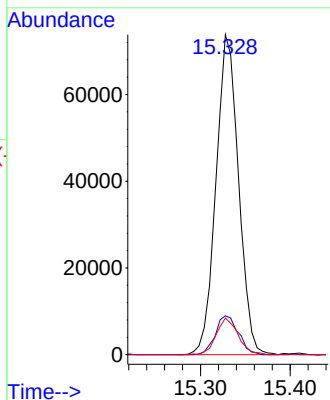
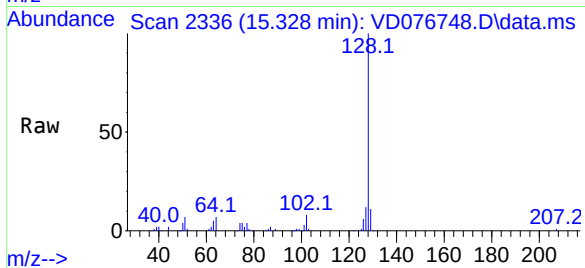




#95
Naphthalene
Concen: 19.223 ug/l
RT: 15.328 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13

Instrument :
MSVOA_D
ClientSampleId :
VD0717SBSD01

Tgt Ion:128 Resp: 128746
Ion Ratio Lower Upper
128 100
127 12.1 10.5 15.7
129 11.4 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 20.522 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD076748.D
Acq: 17 Jul 2023 12:13

Tgt Ion:180 Resp: 56966
Ion Ratio Lower Upper
180 100
182 95.7 47.3 141.9
145 31.7 15.1 45.3

