

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071823\
 Data File : VD076768.D
 Acq On : 18 Jul 2023 10:36
 Operator : KP/SY
 Sample : VD0718SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0718SBS01

Quant Time: Jul 19 06:40:27 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	187561	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	339123	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	301791	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	145517	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	84731	45.355	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.720%
35) Dibromofluoromethane	7.805	113	99788	46.825	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.660%
50) Toluene-d8	10.269	98	341489	44.793	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.580%
62) 4-Bromofluorobenzene	12.575	95	112234	45.508	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	91.020%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.928	85	34856	23.765	ug/l	98
3) Chloromethane	2.146	50	48507	19.172	ug/l	95
4) Vinyl Chloride	2.275	62	67414	19.988	ug/l	97
5) Bromomethane	2.675	94	56802	20.469	ug/l	99
6) Chloroethane	2.828	64	51488	20.220	ug/l	99
7) Trichlorofluoromethane	3.164	101	67935	22.637	ug/l	100
8) Diethyl Ether	3.587	74	19307	18.686	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.952	101	44502	22.559	ug/l	95
10) Methyl Iodide	4.158	142	43846	19.717	ug/l	95
11) Tert butyl alcohol	5.064	59	14026	100.613	ug/l	# 92
12) 1,1-Dichloroethene	3.934	96	38522	20.785	ug/l	89
13) Acrolein	3.793	56	9498	99.979	ug/l	95
14) Allyl chloride	4.552	41	48196	19.795	ug/l	92
15) Acrylonitrile	5.252	53	45242	89.150	ug/l	96
16) Acetone	4.017	43	41246	92.447	ug/l	# 83
17) Carbon Disulfide	4.264	76	84731	19.574	ug/l	# 95
18) Methyl Acetate	4.564	43	34149	20.372	ug/l	94
19) Methyl tert-butyl Ether	5.316	73	92074	18.525	ug/l	97
20) Methylene Chloride	4.793	84	71823	21.077	ug/l	93
21) trans-1,2-Dichloroethene	5.305	96	42555	19.753	ug/l	98
22) Diisopropyl ether	6.216	45	114879	19.926	ug/l	96
23) Vinyl Acetate	6.158	43	209082	73.294	ug/l	# 90
24) 1,1-Dichloroethane	6.105	63	79421	20.431	ug/l	98
25) 2-Butanone	7.081	43	59031	98.860	ug/l	89
26) 2,2-Dichloropropane	7.075	77	70624	21.076	ug/l	93
27) cis-1,2-Dichloroethene	7.075	96	52279	19.685	ug/l	94
28) Bromochloromethane	7.422	49	21579	22.204	ug/l	87
29) Tetrahydrofuran	7.446	42	32101	90.990	ug/l	93
30) Chloroform	7.587	83	85425	20.064	ug/l	96
31) Cyclohexane	7.875	56	57092	20.766	ug/l	# 92
32) 1,1,1-Trichloroethane	7.793	97	73059	21.268	ug/l	98
36) 1,1-Dichloropropene	8.005	75	60097	21.581	ug/l	95
37) Ethyl Acetate	7.169	43	23928	19.214	ug/l	98
38) Carbon Tetrachloride	7.993	117	58522	21.948	ug/l	90
39) Methylcyclohexane	9.269	83	70667	21.978	ug/l	95
40) Benzene	8.252	78	178260	20.288	ug/l	100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	14303	18.808	ug/l #	90
42) 1,2-Dichloroethane	8.328	62	47539	20.823	ug/l	97
43) Isopropyl Acetate	8.357	43	44279	18.218	ug/l	94
44) Trichloroethene	9.034	130	47858	19.988	ug/l	100
45) 1,2-Dichloropropane	9.304	63	46822	20.644	ug/l	97
46) Dibromomethane	9.393	93	27459	20.683	ug/l	87
47) Bromodichloromethane	9.581	83	67568	20.281	ug/l	97
48) Methyl methacrylate	9.381	41	21634	19.557	ug/l #	81
49) 1,4-Dioxane	9.387	88	5259	309.179	ug/l #	85
51) 4-Methyl-2-Pentanone	10.157	43	121873	94.180	ug/l	92
52) Toluene	10.334	92	115198	19.962	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	58735	18.994	ug/l	96
54) cis-1,3-Dichloropropene	10.016	75	70289	19.286	ug/l #	88
55) 1,1,2-Trichloroethane	10.734	97	39111	20.174	ug/l	93
56) Ethyl methacrylate	10.599	69	41019	18.332	ug/l #	90
57) 1,3-Dichloropropane	10.881	76	61812	19.578	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.869	63	86027	99.324	ug/l	99
59) 2-Hexanone	10.922	43	86619	93.809	ug/l	95
60) Dibromochloromethane	11.069	129	45187	20.064	ug/l	99
61) 1,2-Dibromoethane	11.181	107	35312	19.647	ug/l	100
64) Tetrachloroethene	10.810	164	40956	23.800	ug/l	93
65) Chlorobenzene	11.604	112	126989	20.922	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.681	131	46861	20.737	ug/l	97
67) Ethyl Benzene	11.681	91	224649	21.075	ug/l	96
68) m/p-Xylenes	11.793	106	170820	41.726	ug/l	93
69) o-Xylene	12.122	106	80941	20.446	ug/l	93
70) Styrene	12.134	104	144513	20.853	ug/l	98
71) Bromoform	12.298	173	25818	20.861	ug/l #	97
73) Isopropylbenzene	12.422	105	218169	20.665	ug/l	95
74) N-amyl acetate	12.234	43	42860	19.270	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.669	83	46309	20.429	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	51069	36.904	ug/l #	100
77) Bromobenzene	12.698	156	47677	19.564	ug/l	85
78) n-propylbenzene	12.763	91	270467	21.132	ug/l	96
79) 2-Chlorotoluene	12.845	91	142735	20.339	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	177920	20.842	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	12276	18.880	ug/l	98
82) 4-Chlorotoluene	12.945	91	151219	20.626	ug/l	94
83) tert-Butylbenzene	13.169	119	157811	20.995	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	176335	20.213	ug/l	97
85) sec-Butylbenzene	13.345	105	249458	21.722	ug/l	94
86) p-Isopropyltoluene	13.463	119	201480	21.244	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	99642	19.879	ug/l	97
88) 1,4-Dichlorobenzene	13.540	146	100764	20.519	ug/l	96
89) n-Butylbenzene	13.787	91	196447	21.167	ug/l	96
90) Hexachloroethane	14.051	117	40417	23.051	ug/l	86
91) 1,2-Dichlorobenzene	13.834	146	87487	19.808	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.451	75	6383	19.749	ug/l	90
93) 1,2,4-Trichlorobenzene	15.098	180	51909	19.251	ug/l	99
94) Hexachlorobutadiene	15.198	225	27207	20.980	ug/l	100
95) Naphthalene	15.328	128	106505	18.242	ug/l	96
96) 1,2,3-Trichlorobenzene	15.516	180	46478	19.208	ug/l	99

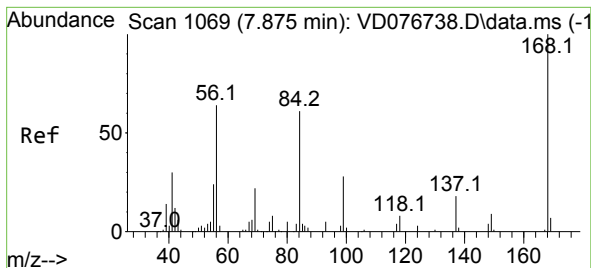
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071823\
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Response via : Initial Calibration

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: VD076768.D

Acq: 18 Jul 2023 10:36

Instrument :

MSVOA_D

ClientSampleId :

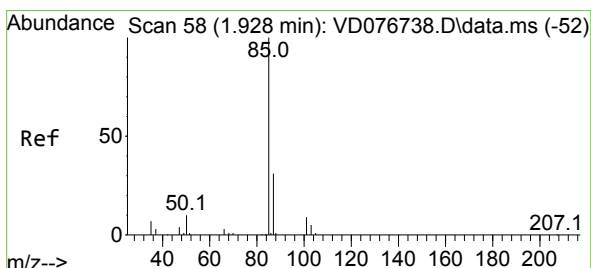
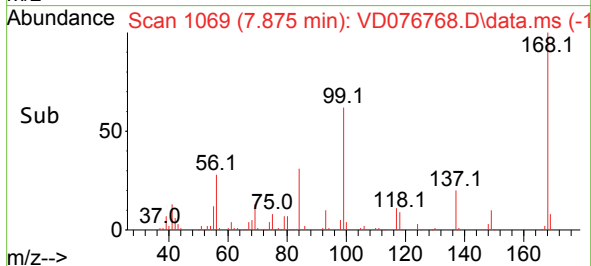
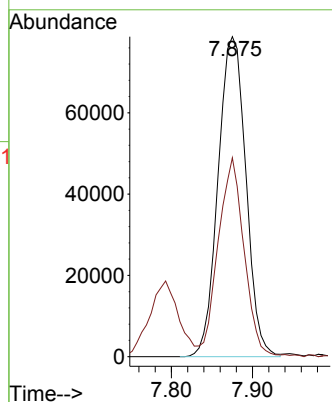
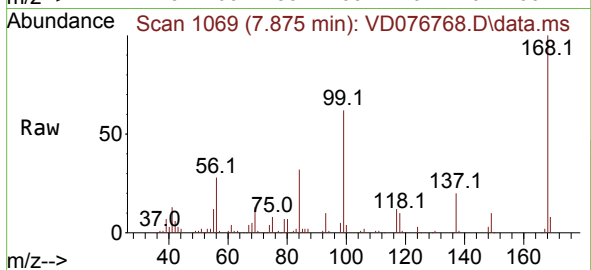
VD0718SBS01

Tgt Ion:168 Resp: 187561

Ion Ratio Lower Upper

168 100

99 61.6 36.7 55.1#



#2

Dichlorodifluoromethane

Concen: 23.765 ug/l

RT: 1.928 min Scan# 58

Delta R.T. 0.000 min

Lab File: VD076768.D

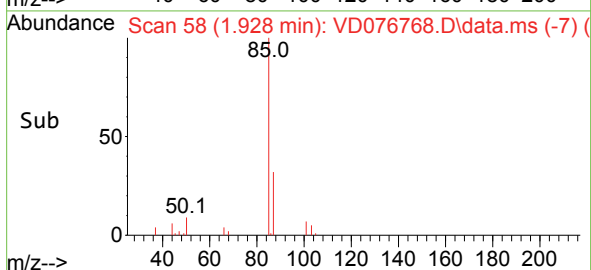
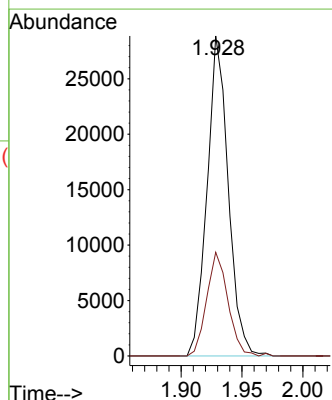
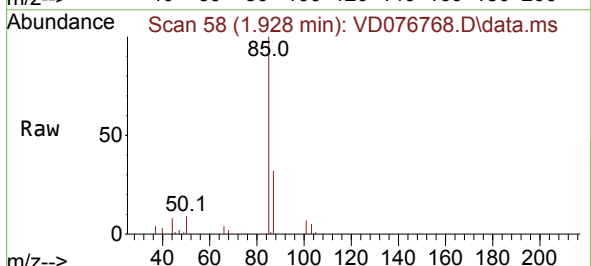
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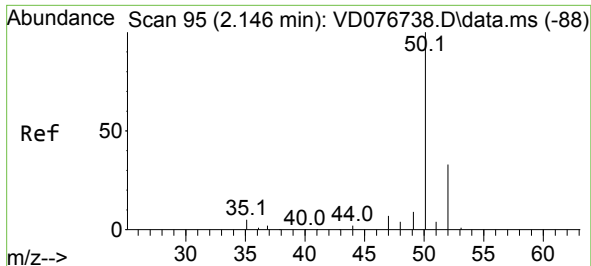
Tgt Ion: 85 Resp: 34856

Ion Ratio Lower Upper

85 100

87 32.4 15.7 47.0

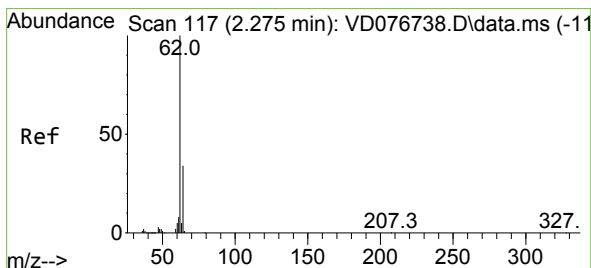
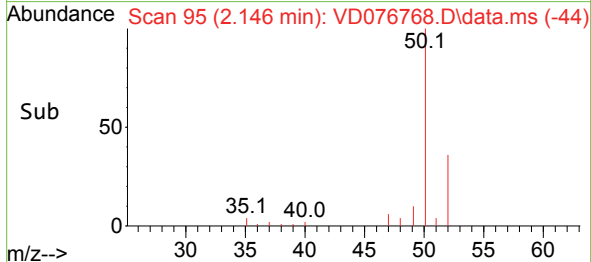
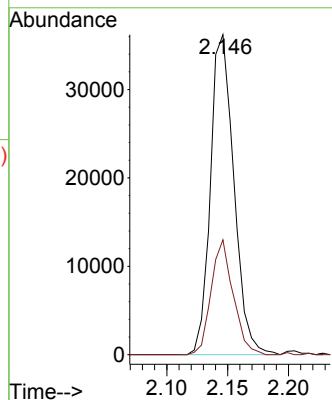
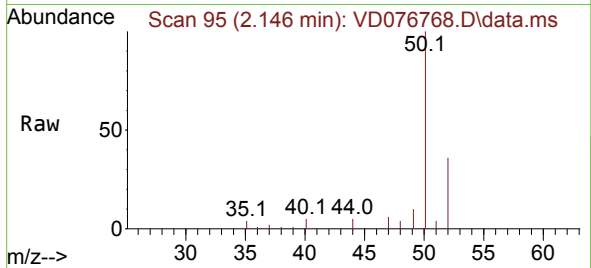




#3
Chloromethane
Concen: 19.172 ug/l
RT: 2.146 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD076768.D
Acq: 18 Jul 2023 10:36

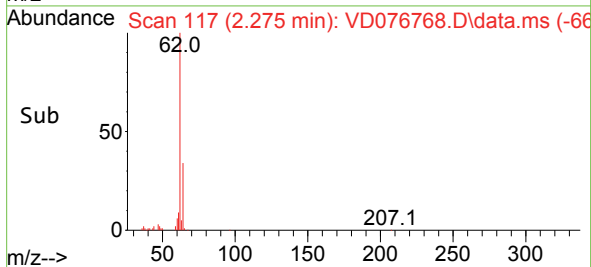
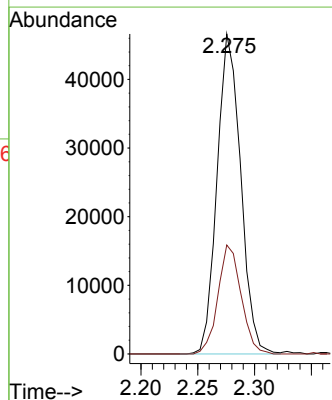
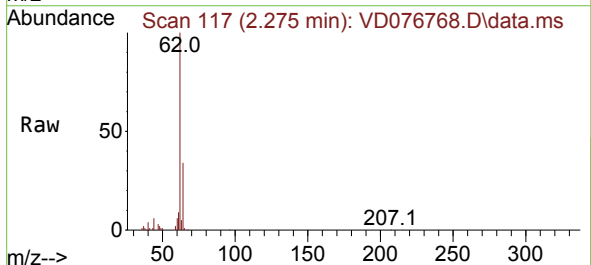
Instrument :
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ClientSampleId :
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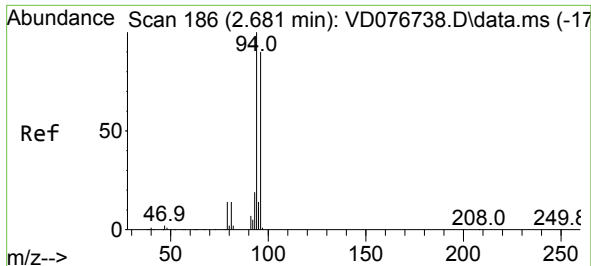
Tgt Ion: 50 Resp: 48507
Ion Ratio Lower Upper
50 100
52 35.9 26.6 40.0



#4
Vinyl Chloride
Concen: 19.988 ug/l
RT: 2.275 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD076768.D
Acq: 18 Jul 2023 10:36

Tgt Ion: 62 Resp: 67414
Ion Ratio Lower Upper
62 100
64 34.0 26.0 39.0

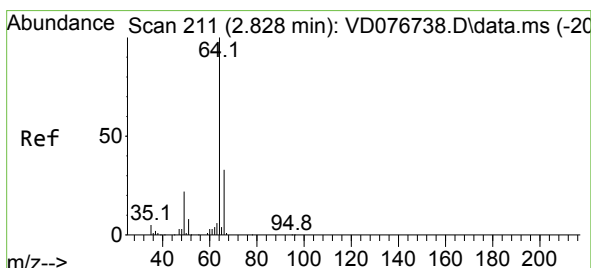
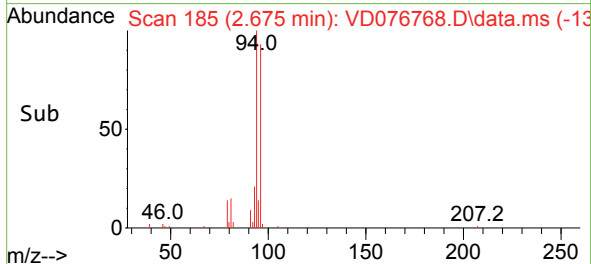
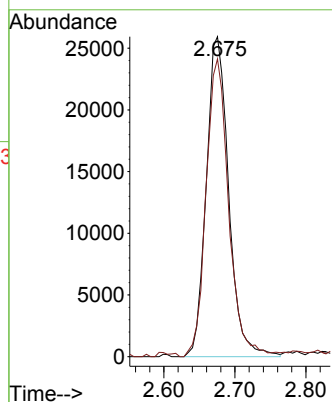
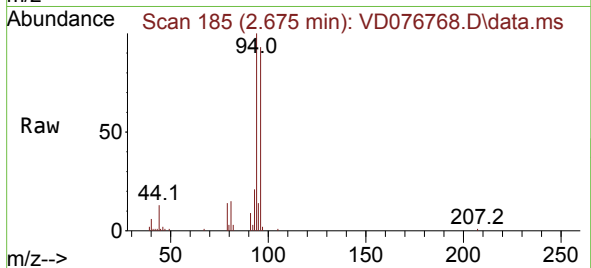




#5
Bromomethane
Concen: 20.469 ug/l
RT: 2.675 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD076768.D
Acq: 18 Jul 2023 10:36

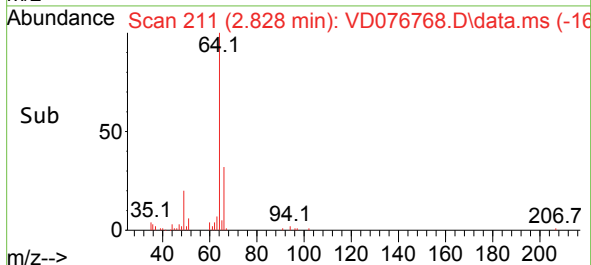
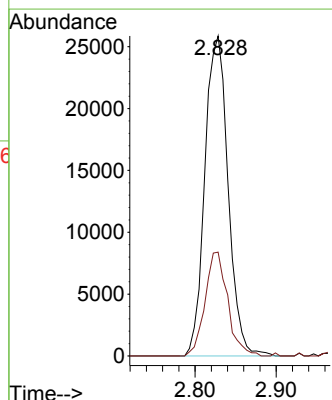
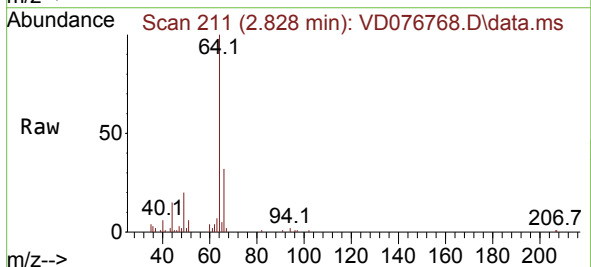
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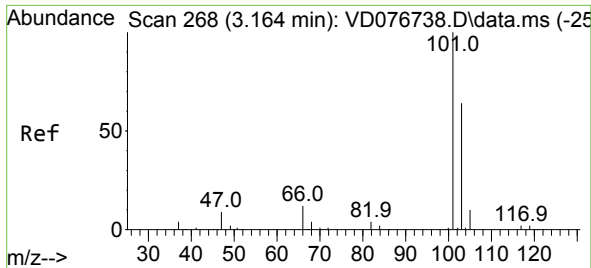
Tgt Ion: 94 Resp: 56802
Ion Ratio Lower Upper
94 100
96 93.8 75.8 113.8



#6
Chloroethane
Concen: 20.220 ug/l
RT: 2.828 min Scan# 211
Delta R.T. 0.000 min
Lab File: VD076768.D
Acq: 18 Jul 2023 10:36

Tgt Ion: 64 Resp: 51488
Ion Ratio Lower Upper
64 100
66 32.5 25.5 38.3

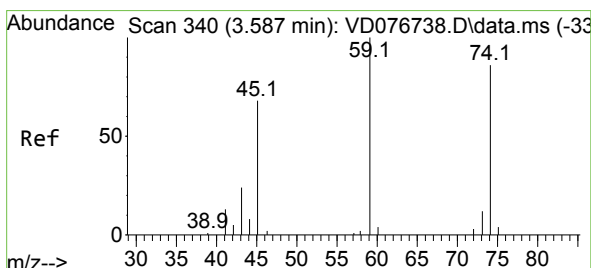
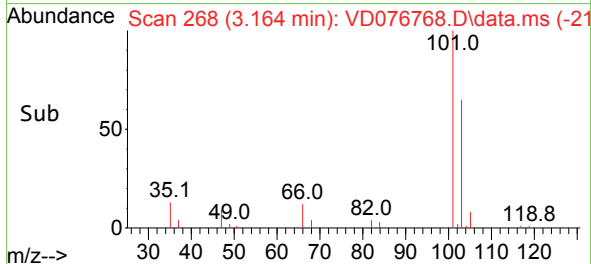
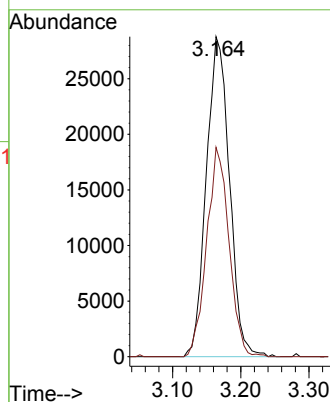
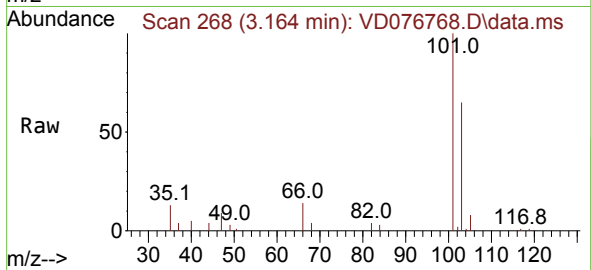




#7
Trichlorofluoromethane
Concen: 22.637 ug/l
RT: 3.164 min Scan# 210
Delta R.T. -0.000 min
Lab File: VD076768.D
Acq: 18 Jul 2023 10:36

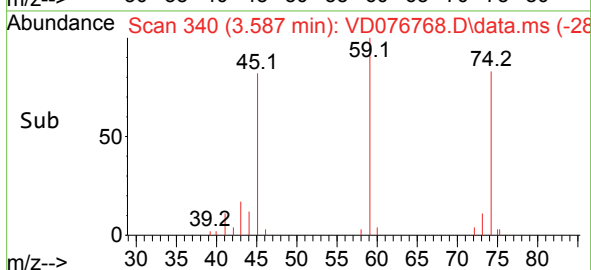
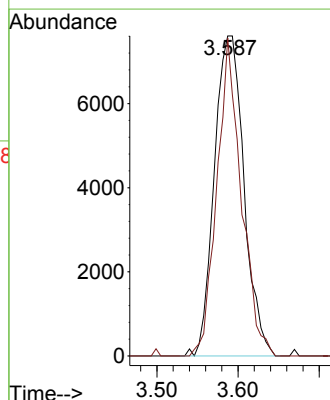
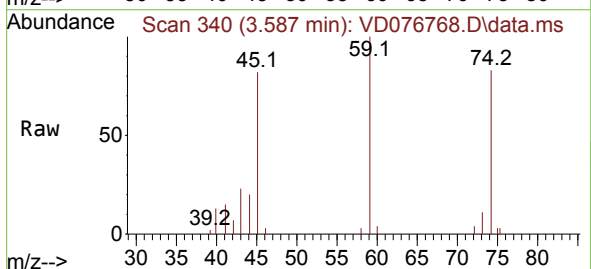
Instrument :
MSVOA_D
ClientSampleId :
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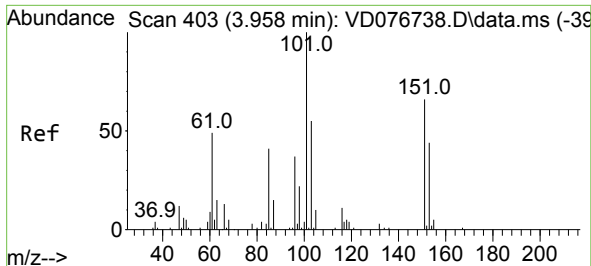
Tgt Ion:101 Resp: 67935
Ion Ratio Lower Upper
101 100
103 65.4 52.3 78.5



#8
Diethyl Ether
Concen: 18.686 ug/l
RT: 3.587 min Scan# 340
Delta R.T. 0.000 min
Lab File: VD076768.D
Acq: 18 Jul 2023 10:36

Tgt Ion: 74 Resp: 19307
Ion Ratio Lower Upper
74 100
45 81.9 37.5 112.7

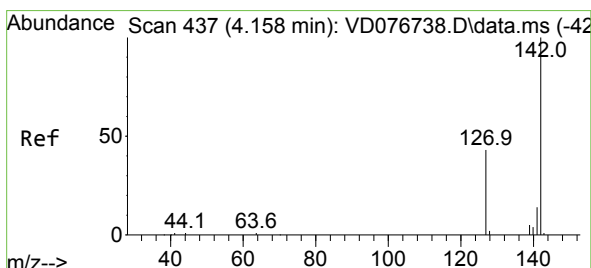
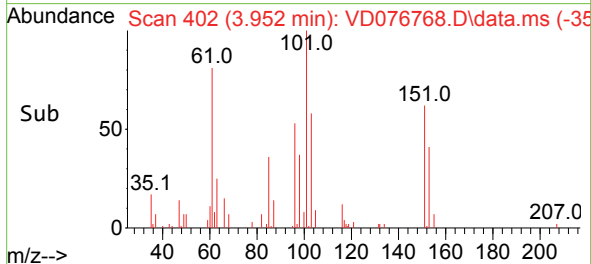
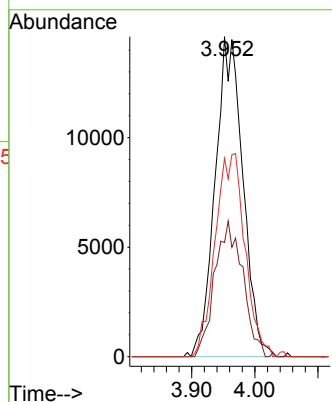
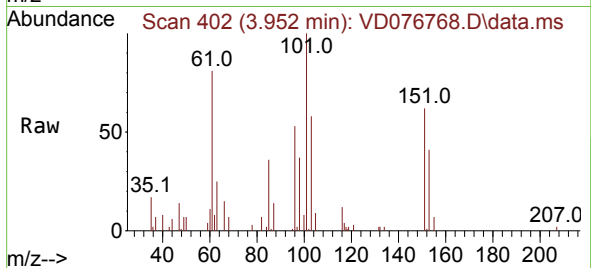




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.559 ug/l
RT: 3.952 min Scan# 402
Delta R.T. -0.006 min
Lab File: VD076768.D
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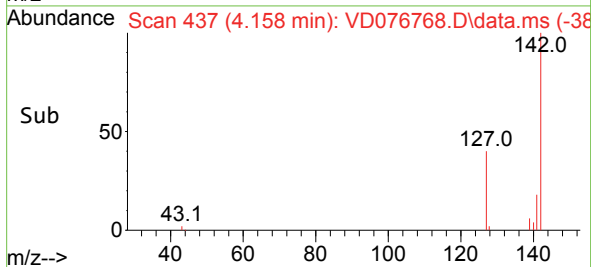
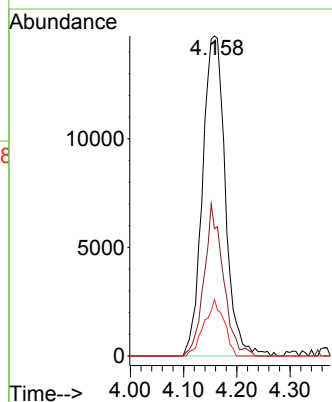
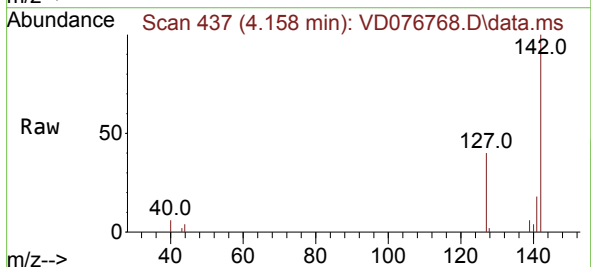
Instrument :
MSVOA_D
ClientSampleId :
VD0718SBS01

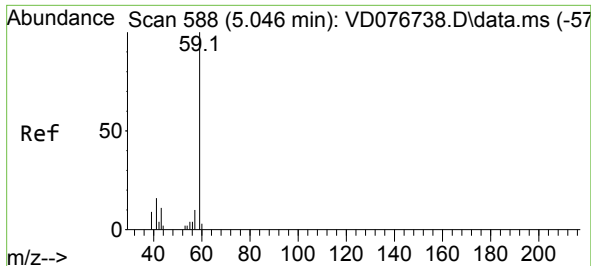
Tgt Ion:	101	Resp:	44502
Ion	Ratio	Lower	Upper
101	100		
85	42.8	33.8	50.6
151	68.2	59.8	89.6



#10
Methyl Iodide
Concen: 19.717 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.000 min
Lab File: VD076768.D
Acq: 18 Jul 2023 10:36

Tgt Ion:	142	Resp:	43846
Ion	Ratio	Lower	Upper
142	100		
127	40.1	29.4	44.0
141	15.3	11.1	16.7

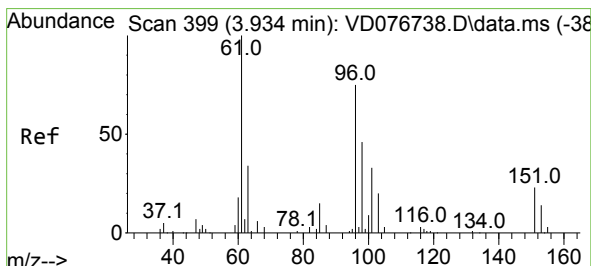
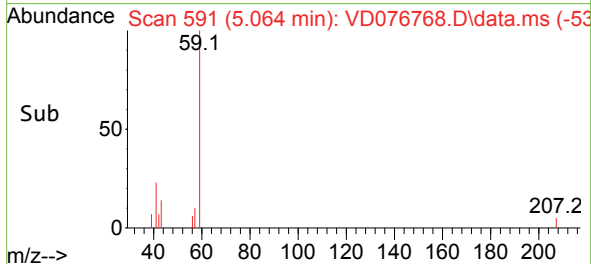
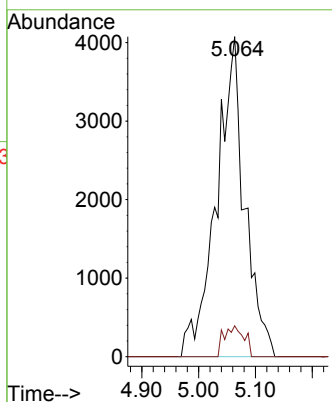
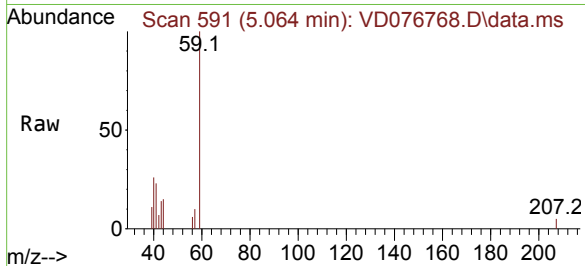




#11
Tert butyl alcohol
Concen: 100.613 ug/l
RT: 5.064 min Scan# 591
Delta R.T. 0.018 min
Lab File: VD076768.D
Acq: 18 Jul 2023 10:36

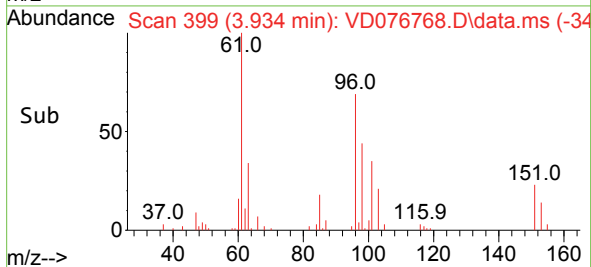
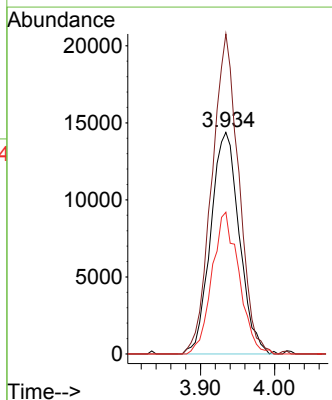
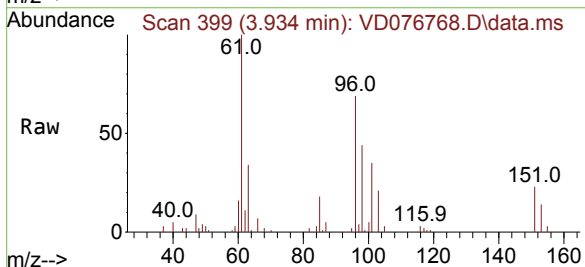
Instrument :
MSVOA_D
ClientSampleId :
VD0718SBS01

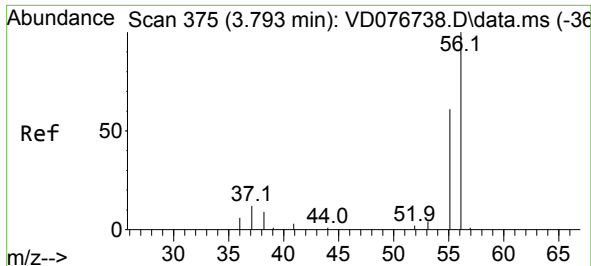
Tgt Ion: 59 Resp: 14026
Ion Ratio Lower Upper
59 100
57 6.9 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 20.785 ug/l
RT: 3.934 min Scan# 399
Delta R.T. 0.000 min
Lab File: VD076768.D
Acq: 18 Jul 2023 10:36

Tgt Ion: 96 Resp: 38522
Ion Ratio Lower Upper
96 100
61 144.4 100.6 150.8
98 64.0 50.2 75.2

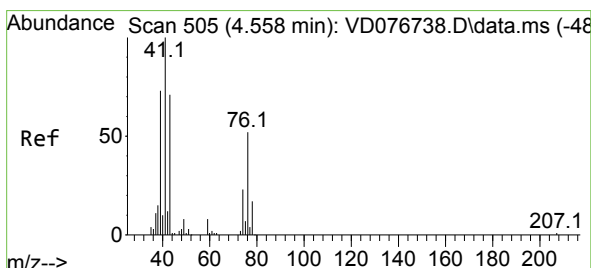
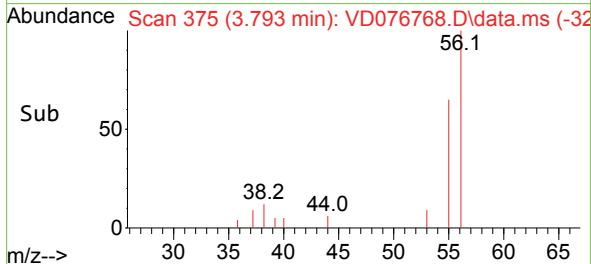
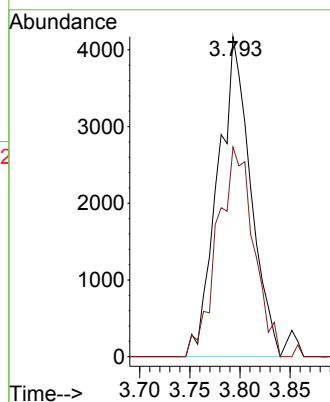
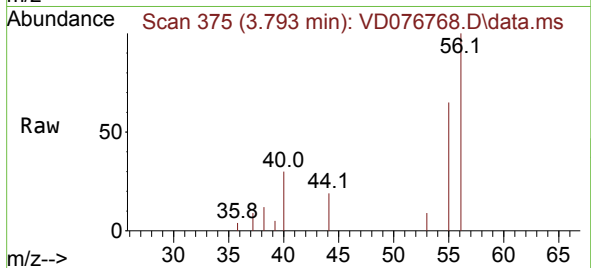




#13
Acrolein
Concen: 99.979 ug/l
RT: 3.793 min Scan# 31
Delta R.T. 0.000 min
Lab File: VD076768.D
Acq: 18 Jul 2023 10:36

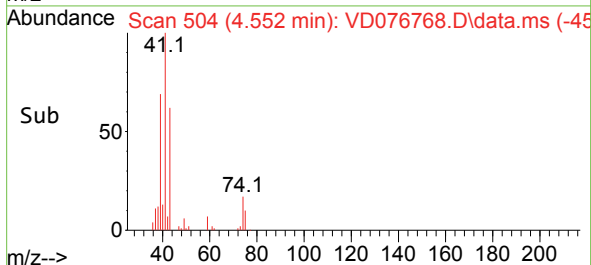
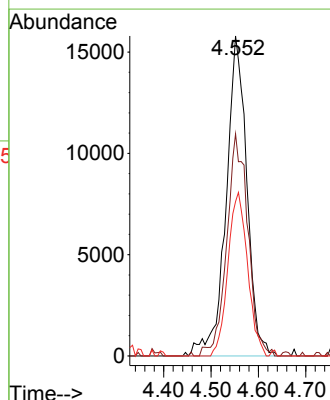
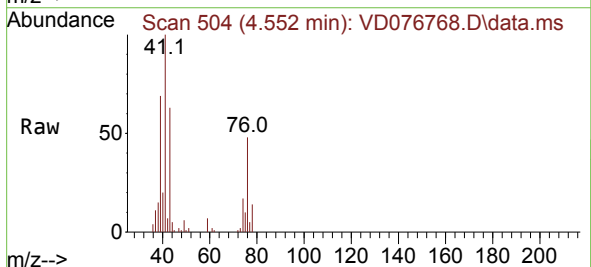
Instrument :
MSVOA_D
ClientSampleId :
VD0718SBS01

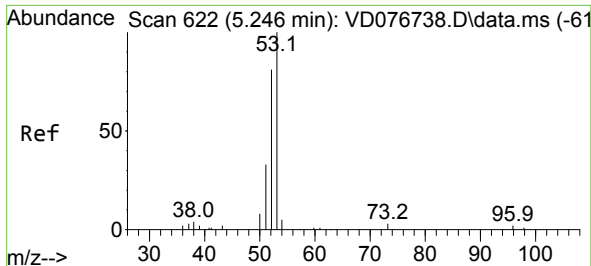
Tgt Ion: 56 Resp: 9498
Ion Ratio Lower Upper
56 100
55 72.6 55.1 82.7



#14
Allyl chloride
Concen: 19.795 ug/l
RT: 4.552 min Scan# 504
Delta R.T. -0.006 min
Lab File: VD076768.D
Acq: 18 Jul 2023 10:36

Tgt Ion: 41 Resp: 48196
Ion Ratio Lower Upper
41 100
39 70.7 53.8 80.6
76 48.3 45.8 68.8

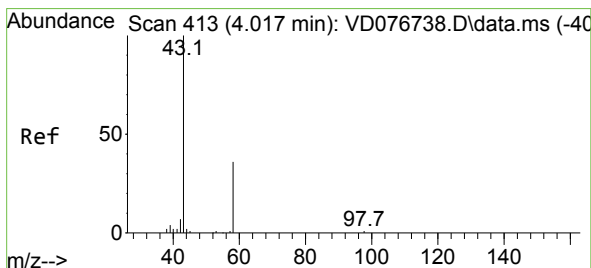
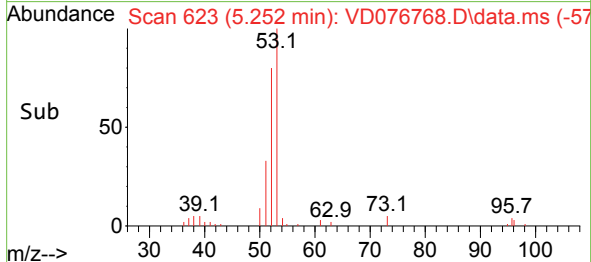
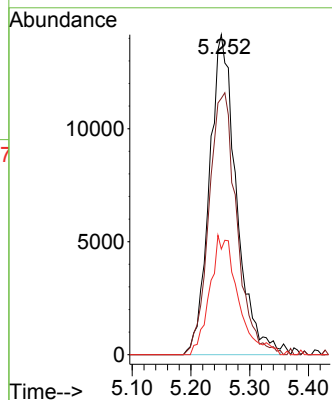
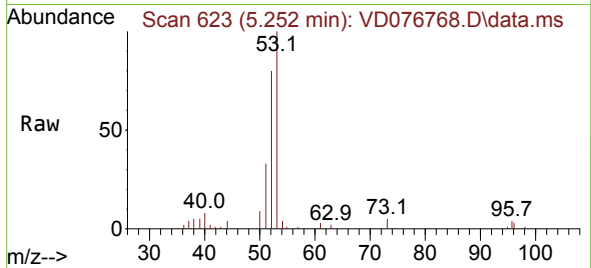




#15
Acrylonitrile
Concen: 89.150 ug/l
RT: 5.252 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD076768.D
Acq: 18 Jul 2023 10:36

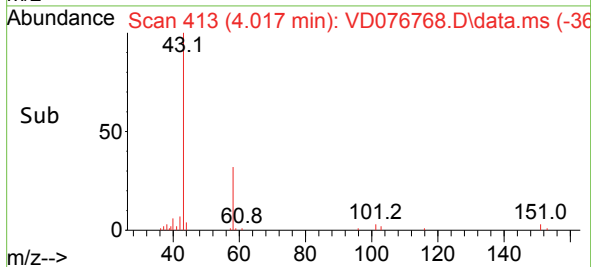
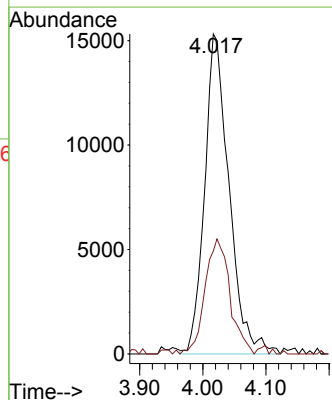
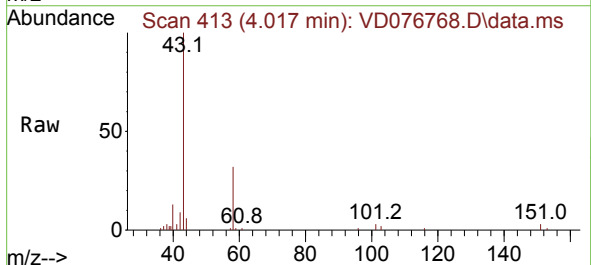
Instrument :
MSVOA_D
ClientSampleId :
VD0718SBS01

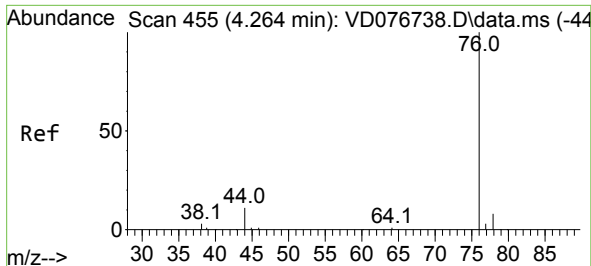
Tgt Ion: 53 Resp: 45242
Ion Ratio Lower Upper
53 100
52 84.2 65.0 97.4
51 38.8 28.3 42.5



#16
Acetone
Concen: 92.447 ug/l
RT: 4.017 min Scan# 413
Delta R.T. -0.000 min
Lab File: VD076768.D
Acq: 18 Jul 2023 10:36

Tgt Ion: 43 Resp: 41246
Ion Ratio Lower Upper
43 100
58 32.2 34.7 52.1#

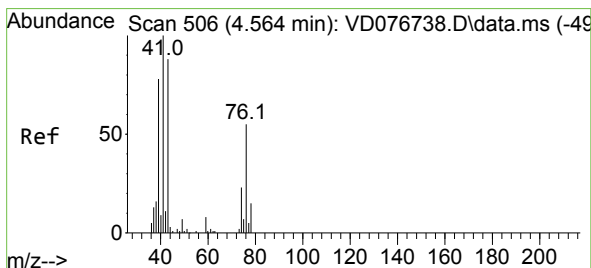
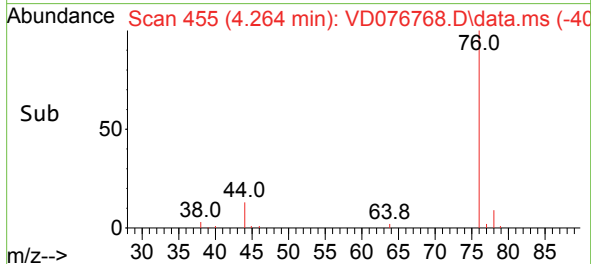
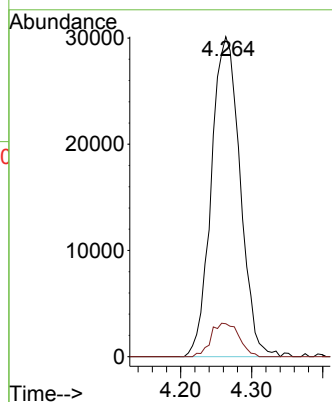
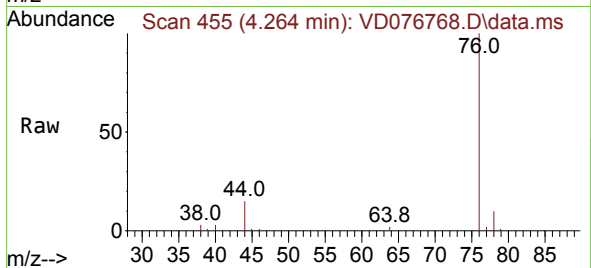




#17
Carbon Disulfide
Concen: 19.574 ug/l
RT: 4.264 min Scan# 417
Delta R.T. -0.000 min
Lab File: VD076768.D
Acq: 18 Jul 2023 10:36

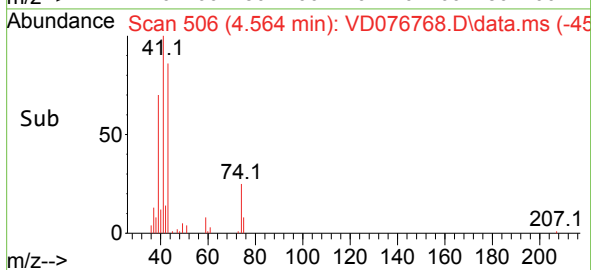
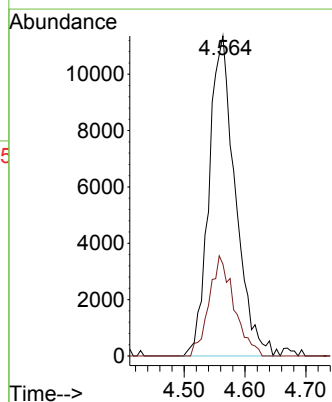
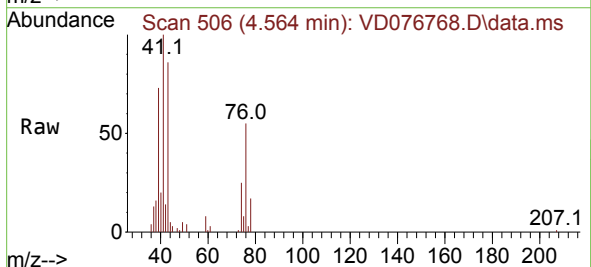
Instrument :
MSVOA_D
ClientSampleId :
VD0718SBS01

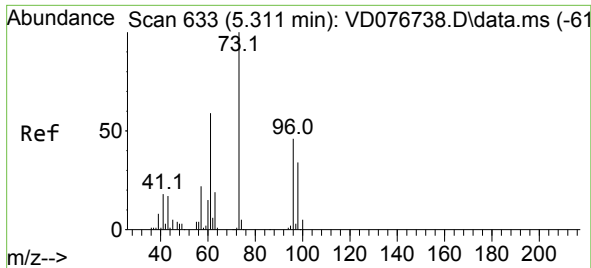
Tgt Ion: 76 Resp: 84731
Ion Ratio Lower Upper
76 100
78 10.3 6.8 10.2#



#18
Methyl Acetate
Concen: 20.372 ug/l
RT: 4.564 min Scan# 506
Delta R.T. -0.000 min
Lab File: VD076768.D
Acq: 18 Jul 2023 10:36

Tgt Ion: 43 Resp: 34149
Ion Ratio Lower Upper
43 100
74 29.8 26.4 39.6

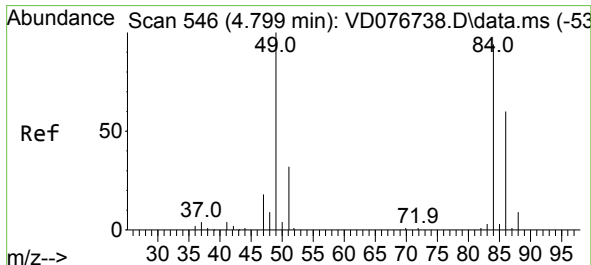
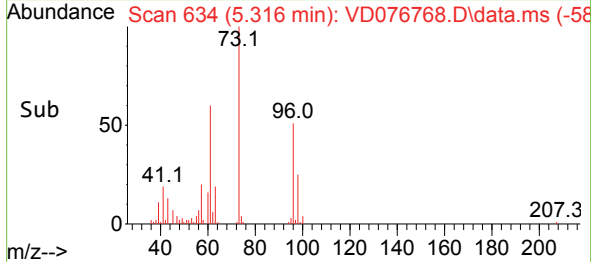
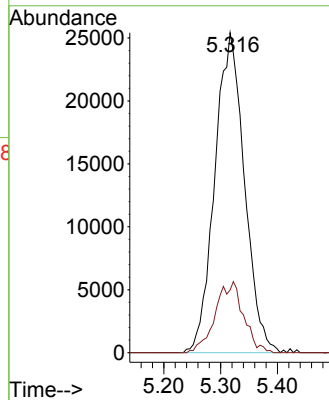
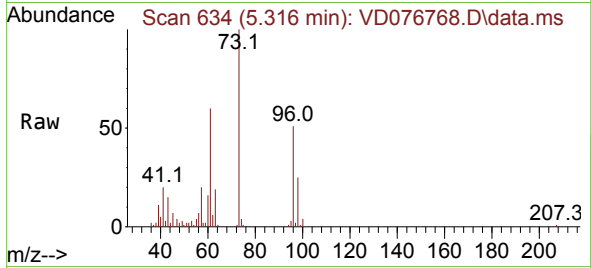




#19
Methyl tert-butyl Ether
Concen: 18.525 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.005 min
Lab File: VD076768.D
Acq: 18 Jul 2023 10:36

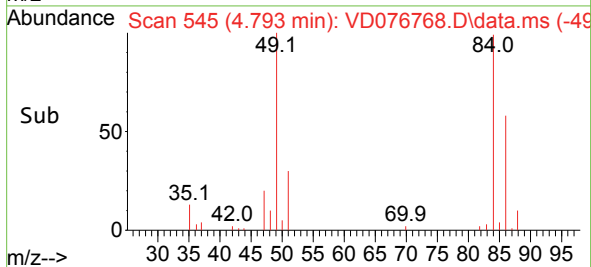
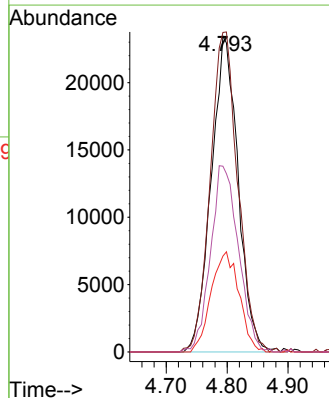
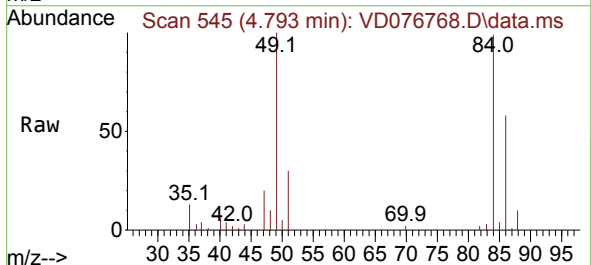
Instrument :
MSVOA_D
ClientSampleId :
VD0718SBS01

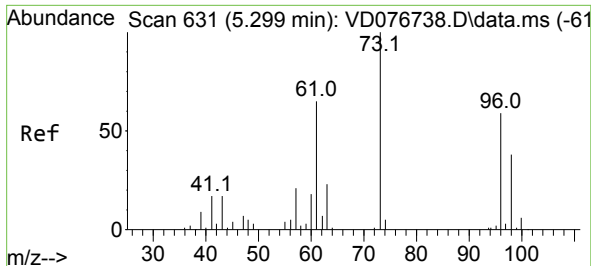
Tgt Ion: 73 Resp: 92074
Ion Ratio Lower Upper
73 100
57 19.6 16.6 25.0



#20
Methylene Chloride
Concen: 21.077 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD076768.D
Acq: 18 Jul 2023 10:36

Tgt Ion: 84 Resp: 71823
Ion Ratio Lower Upper
84 100
49 101.1 71.4 107.2
51 30.3 24.5 36.7
86 58.8 48.7 73.1





#21

trans-1,2-Dichloroethene

Concen: 19.753 ug/l

RT: 5.305 min Scan# 61

Delta R.T. 0.006 min

Lab File: VD076768.D

Acq: 18 Jul 2023 10:36

Instrument :

MSVOA_D

ClientSampleId :

VD0718SBS01

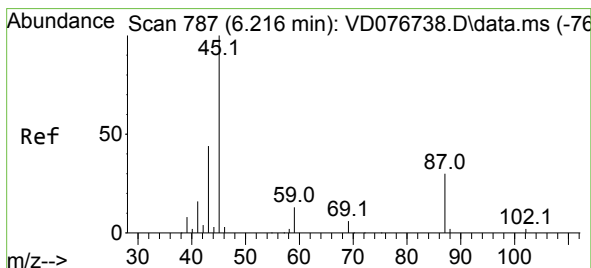
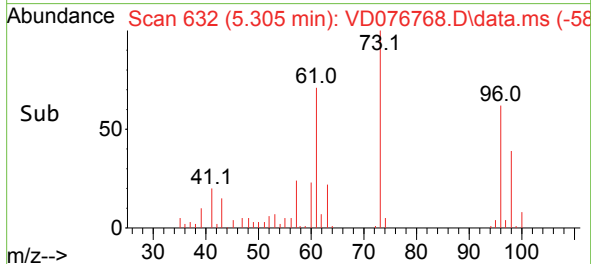
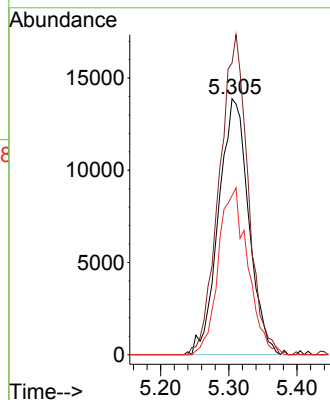
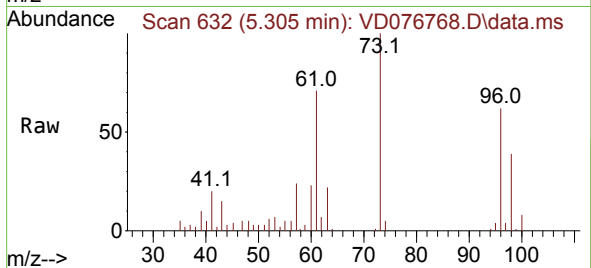
Tgt Ion: 96 Resp: 42555

Ion Ratio Lower Upper

96 100

61 114.0 89.3 133.9

98 62.2 48.6 73.0



#22

Diisopropyl ether

Concen: 19.926 ug/l

RT: 6.216 min Scan# 787

Delta R.T. 0.000 min

Lab File: VD076768.D

Acq: 18 Jul 2023 10:36

Tgt Ion: 45 Resp: 114879

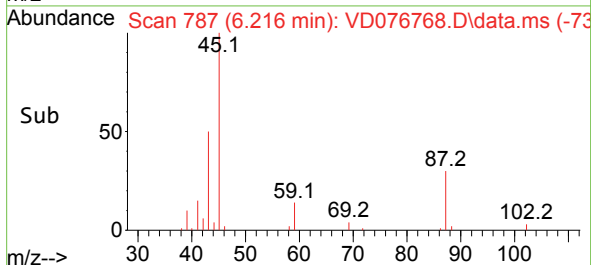
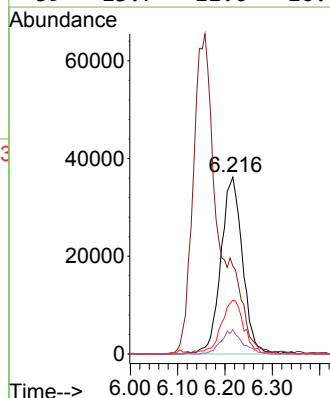
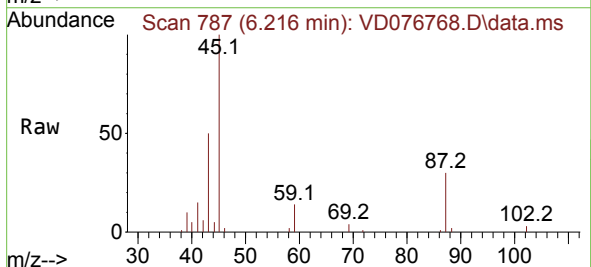
Ion Ratio Lower Upper

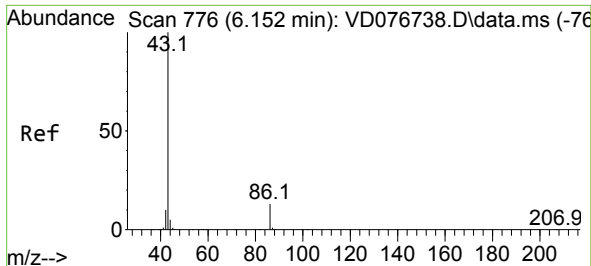
45 100

43 48.3 40.0 60.0

87 30.4 28.2 42.4

59 13.7 11.0 16.4

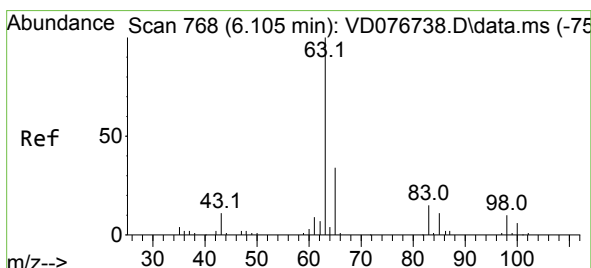
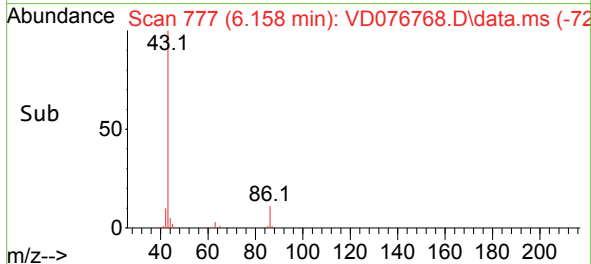
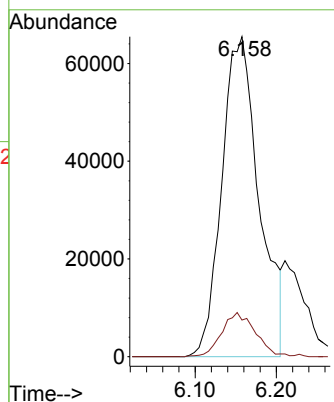
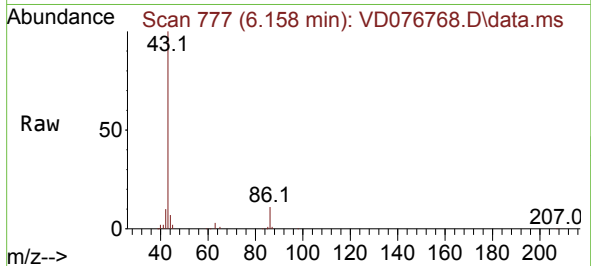




#23
 Vinyl Acetate
 Concen: 73.294 ug/l
 RT: 6.158 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VD076768.D
 Acq: 18 Jul 2023 10:36

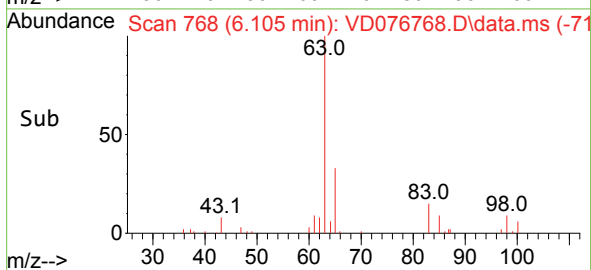
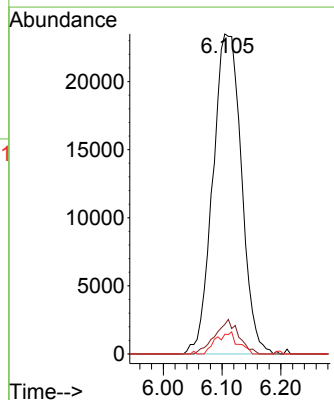
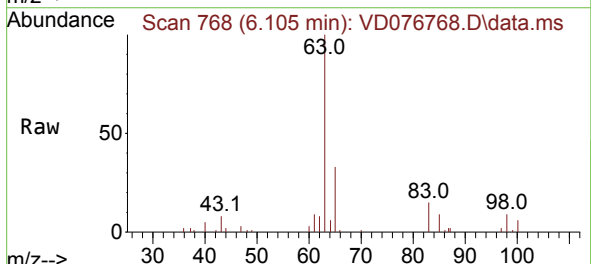
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0718SBS01

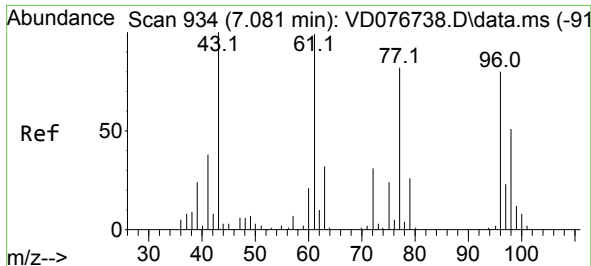
Tgt Ion: 43 Resp: 209082
 Ion Ratio Lower Upper
 43 100
 86 11.4 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 20.431 ug/l
 RT: 6.105 min Scan# 768
 Delta R.T. -0.000 min
 Lab File: VD076768.D
 Acq: 18 Jul 2023 10:36

Tgt Ion: 63 Resp: 79421
 Ion Ratio Lower Upper
 63 100
 98 9.3 4.5 13.7
 100 6.1 2.5 7.5





#25

2-Butanone

Concen: 98.860 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD076768.D

Acq: 18 Jul 2023 10:36

Instrument :

MSVOA_D

ClientSampleId :

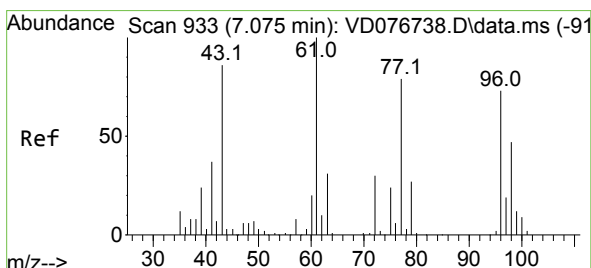
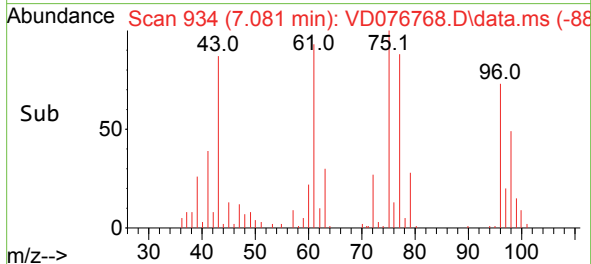
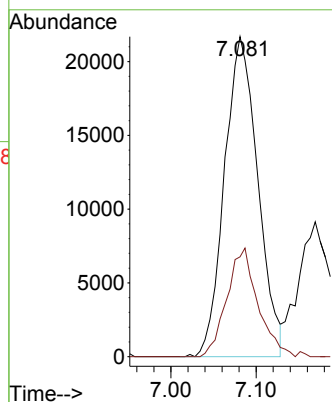
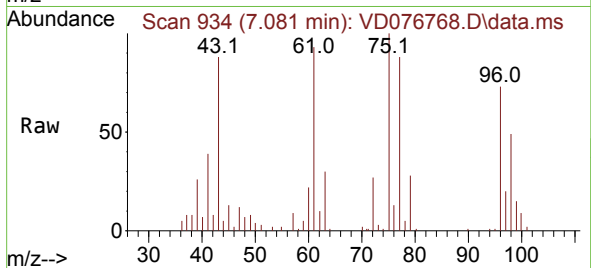
VD0718SBS01

Tgt Ion: 43 Resp: 59031

Ion Ratio Lower Upper

43 100

72 31.6 30.7 46.1



#26

2,2-Dichloropropane

Concen: 21.076 ug/l

RT: 7.075 min Scan# 933

Delta R.T. 0.000 min

Lab File: VD076768.D

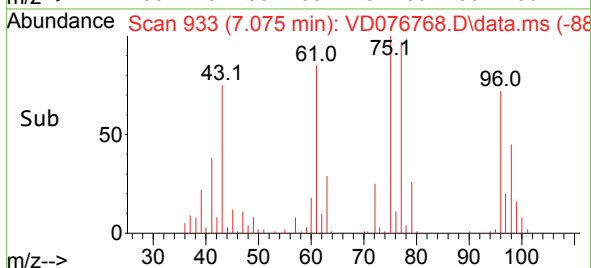
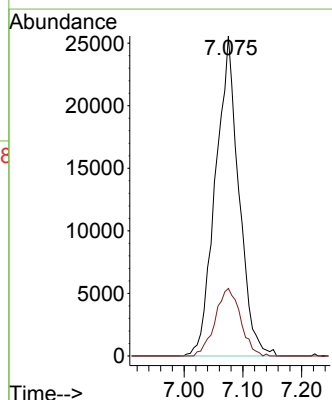
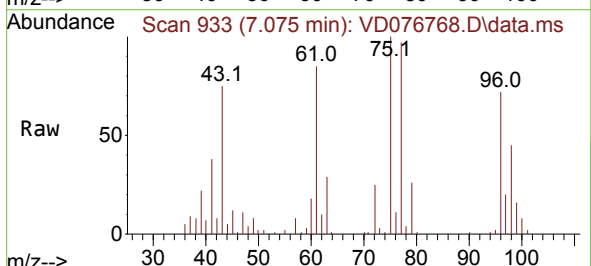
Acq: 18 Jul 2023 10:36

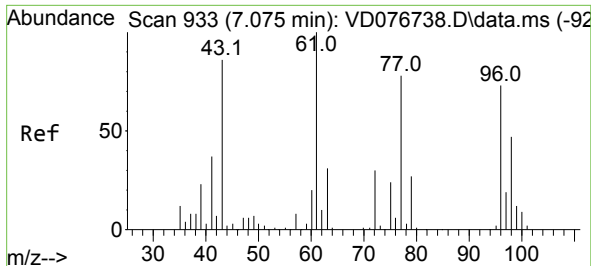
Tgt Ion: 77 Resp: 70624

Ion Ratio Lower Upper

77 100

97 22.9 13.2 39.6

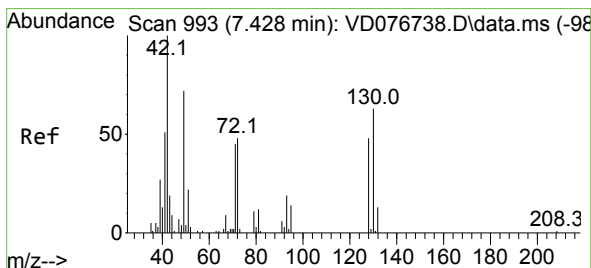
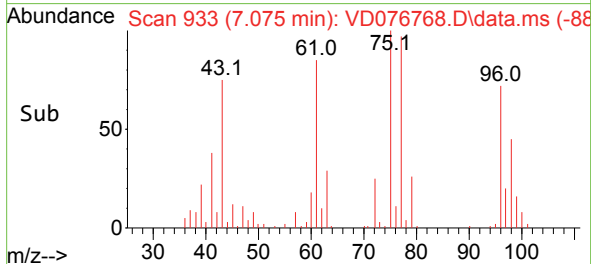
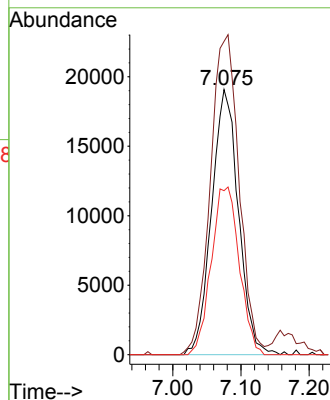
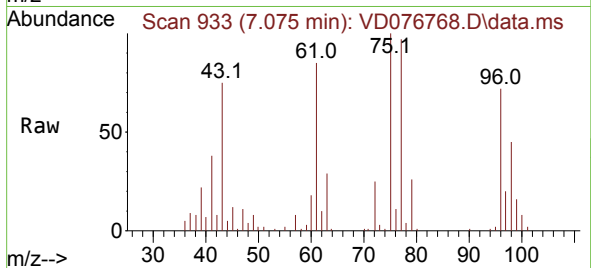




#27
 cis-1,2-Dichloroethene
 Concen: 19.685 ug/l
 RT: 7.075 min Scan# 911
 Delta R.T. 0.000 min
 Lab File: VD076768.D
 Acq: 18 Jul 2023 10:36

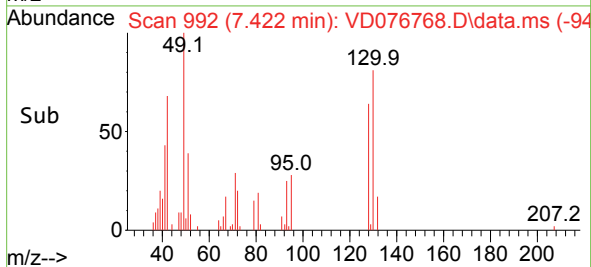
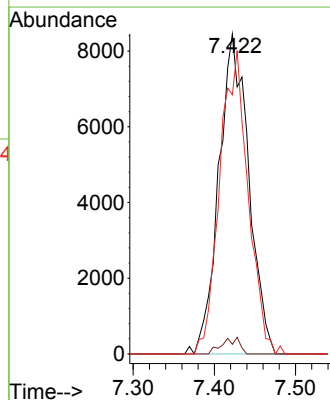
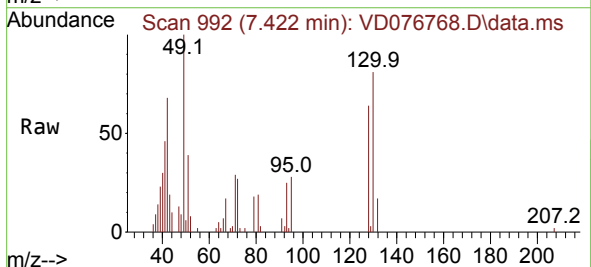
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0718SBS01

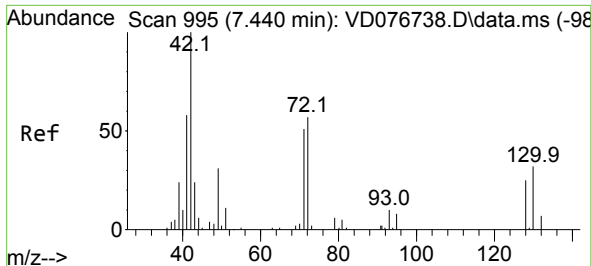
Tgt Ion: 96	Resp: 52279		
Ion Ratio	Lower	Upper	
96	100		
61	129.2	0.0	239.2
98	66.1	0.0	128.6



#28
 Bromochloromethane
 Concen: 22.204 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. -0.006 min
 Lab File: VD076768.D
 Acq: 18 Jul 2023 10:36

Tgt Ion: 49	Resp: 21579
Ion Ratio	Lower Upper
49 100	
129 3.0	0.0 6.0
130 90.3	83.2 124.8





#29

Tetrahydrofuran

Concen: 90.990 ug/l

RT: 7.446 min Scan# 995

Delta R.T. 0.006 min

Lab File: VD076768.D

Acq: 18 Jul 2023 10:36

Instrument :

MSVOA_D

ClientSampleId :

VD0718SBS01

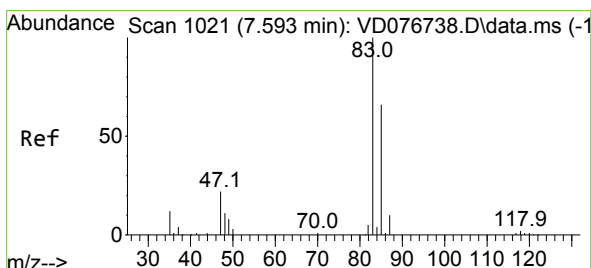
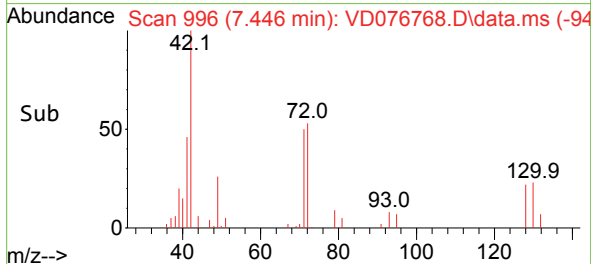
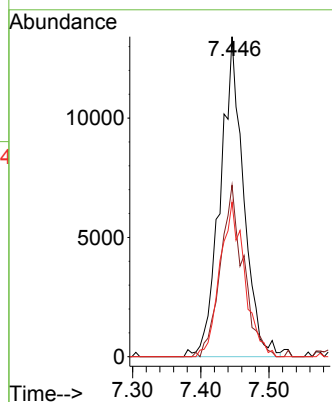
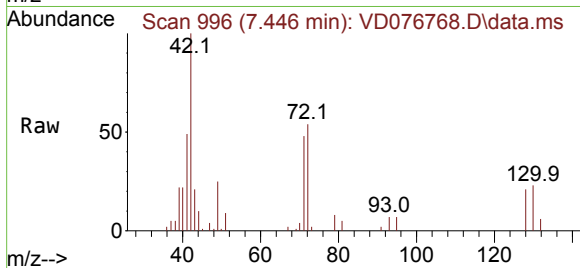
Tgt Ion: 42 Resp: 32101

Ion Ratio Lower Upper

42 100

72 52.6 46.5 69.7

71 50.9 44.5 66.7



#30

Chloroform

Concen: 20.064 ug/l

RT: 7.587 min Scan# 1020

Delta R.T. -0.006 min

Lab File: VD076768.D

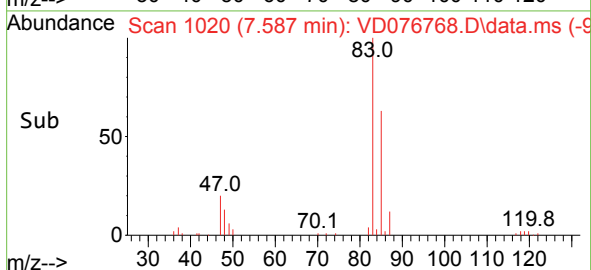
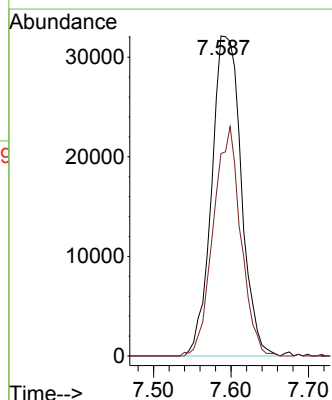
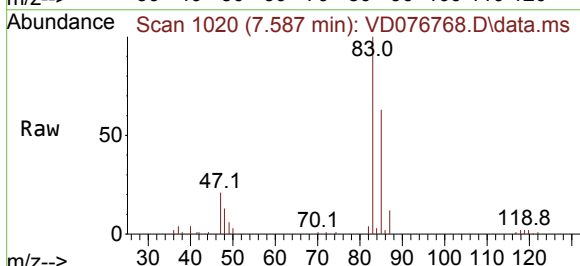
Acq: 18 Jul 2023 10:36

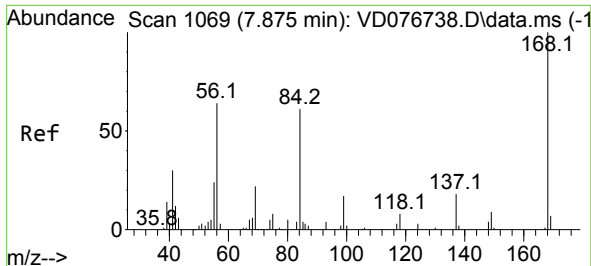
Tgt Ion: 83 Resp: 85425

Ion Ratio Lower Upper

83 100

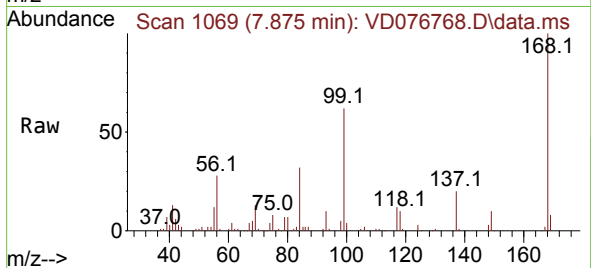
85 63.3 53.4 80.2



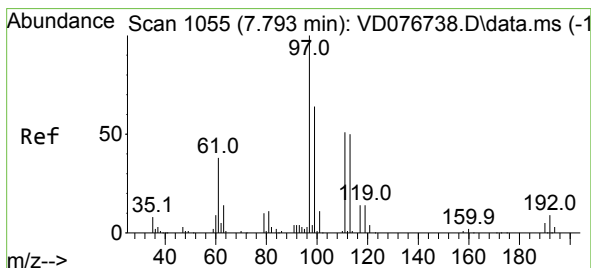
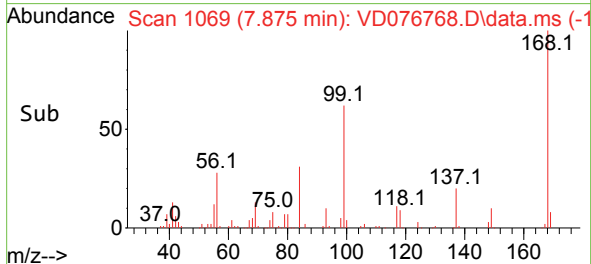
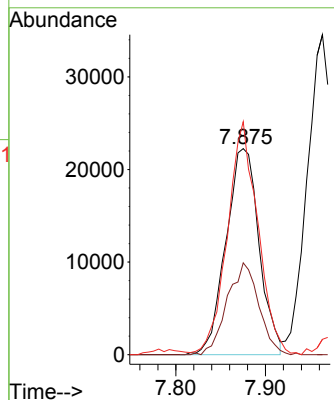


#31
Cyclohexane
Concen: 20.766 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076768.D
Acq: 18 Jul 2023 10:36

Instrument :
MSVOA_D
ClientSampleId :
VD0718SBS01

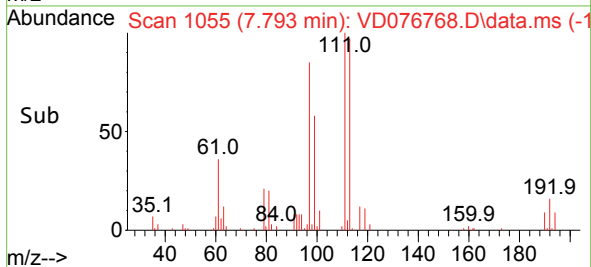
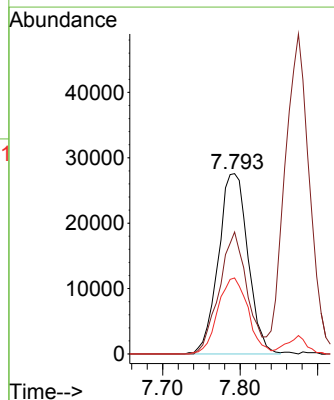
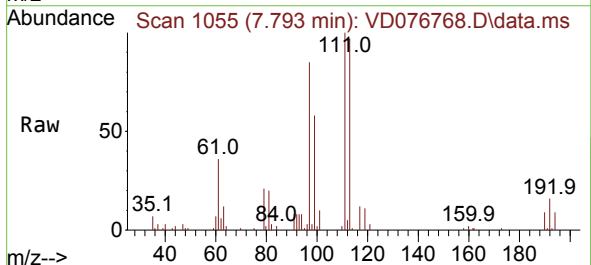


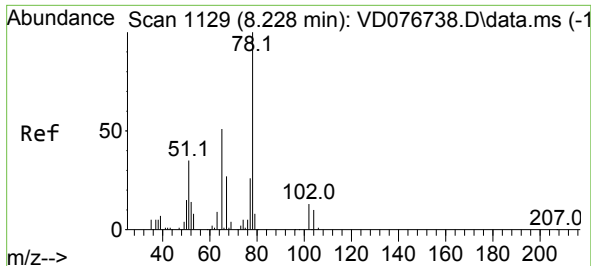
Tgt Ion: 56 Resp: 57092
Ion Ratio Lower Upper
56 100
69 44.5 28.6 43.0#
84 111.4 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 21.268 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD076768.D
Acq: 18 Jul 2023 10:36

Tgt Ion: 97 Resp: 73059
Ion Ratio Lower Upper
97 100
99 63.4 52.0 78.0
61 43.2 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 45.355 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD076768.D

Acq: 18 Jul 2023 10:36

Instrument :

MSVOA_D

ClientSampleId :

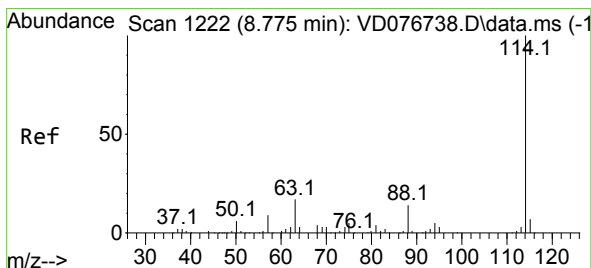
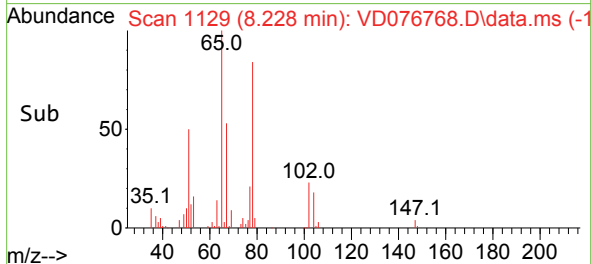
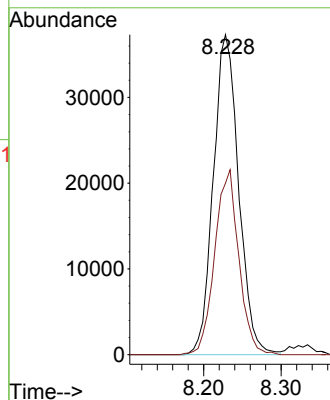
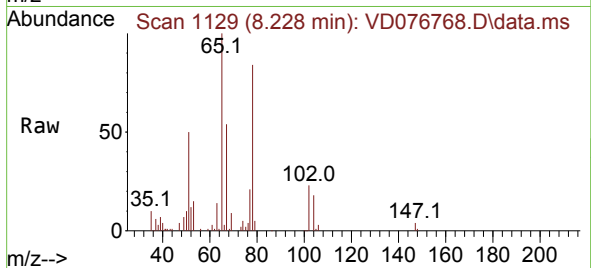
VD0718SBS01

Tgt Ion: 65 Resp: 84731

Ion Ratio Lower Upper

65 100

67 54.9 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: VD076768.D

Acq: 18 Jul 2023 10:36

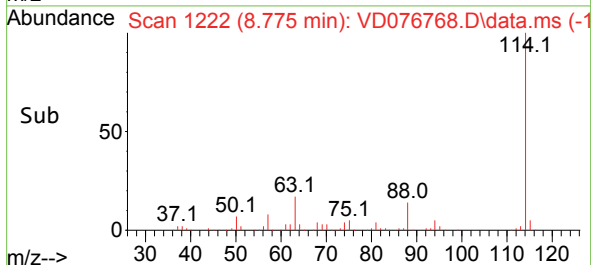
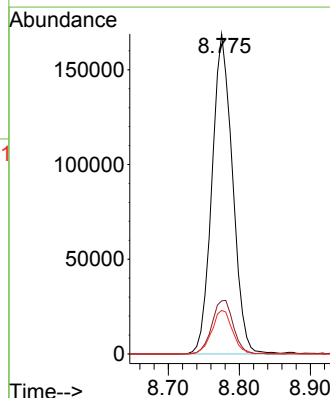
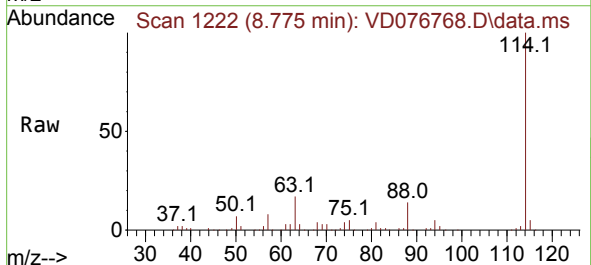
Tgt Ion: 114 Resp: 339123

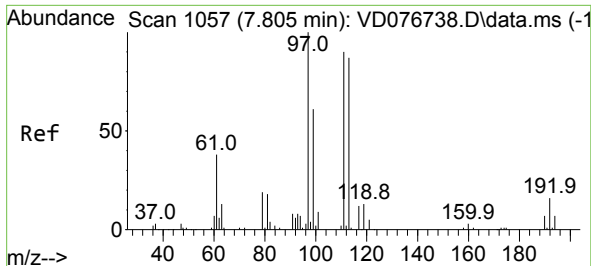
Ion Ratio Lower Upper

114 100

63 16.6 0.0 33.4

88 13.6 0.0 26.2





#35

Dibromofluoromethane

Concen: 46.825 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD076768.D

Acq: 18 Jul 2023 10:36

Instrument :

MSVOA_D

ClientSampleId :

VD0718SBS01

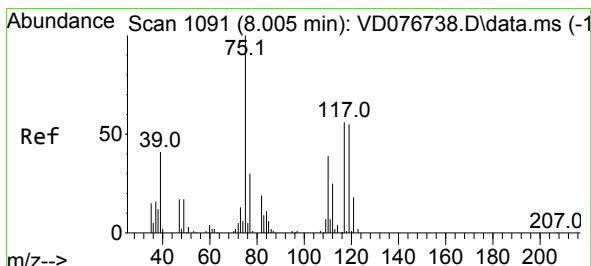
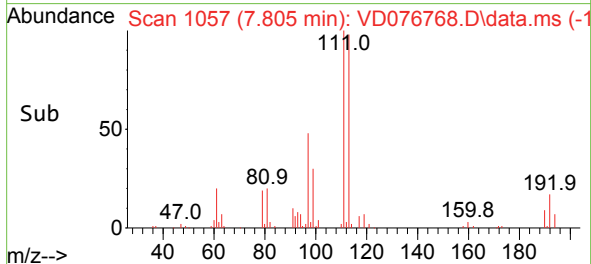
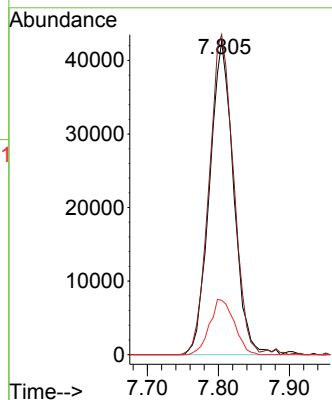
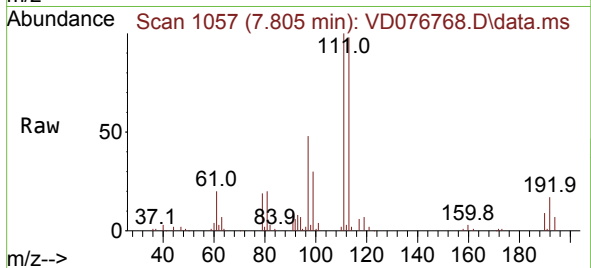
Tgt Ion:113 Resp: 99788

Ion Ratio Lower Upper

113 100

111 104.3 84.7 127.1

192 18.1 16.8 25.2



#36

1,1-Dichloropropene

Concen: 21.581 ug/l

RT: 8.005 min Scan# 1091

Delta R.T. -0.000 min

Lab File: VD076768.D

Acq: 18 Jul 2023 10:36

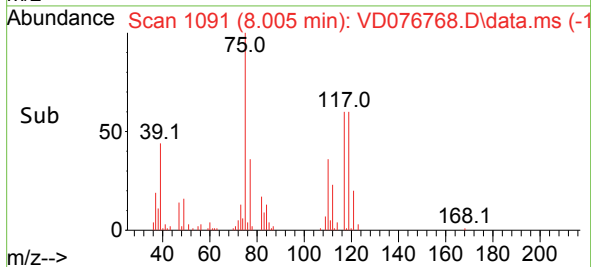
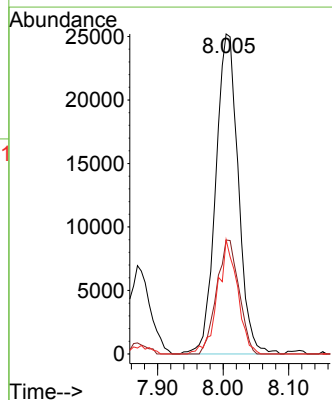
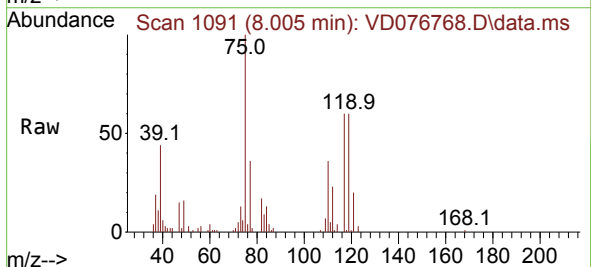
Tgt Ion: 75 Resp: 60097

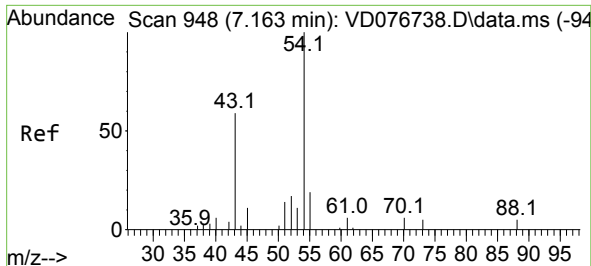
Ion Ratio Lower Upper

75 100

110 35.1 19.9 59.6

77 31.7 24.7 37.1





#37

Ethyl Acetate

Concen: 19.214 ug/l

RT: 7.169 min Scan# 948

Delta R.T. 0.006 min

Lab File: VD076768.D

Acq: 18 Jul 2023 10:36

Instrument :

MSVOA_D

ClientSampleId :

VD0718SBS01

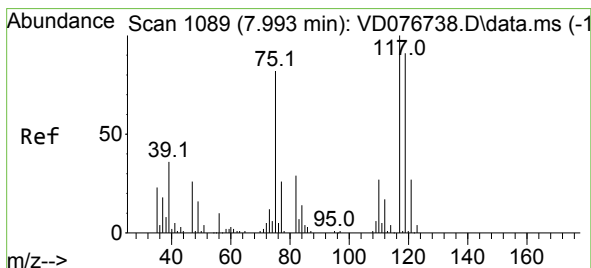
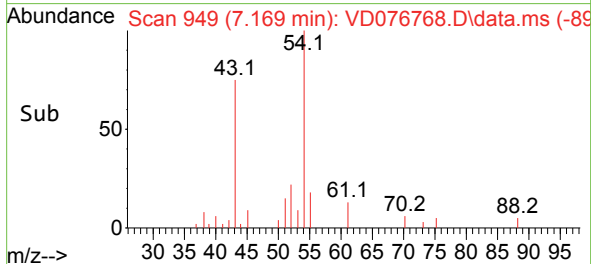
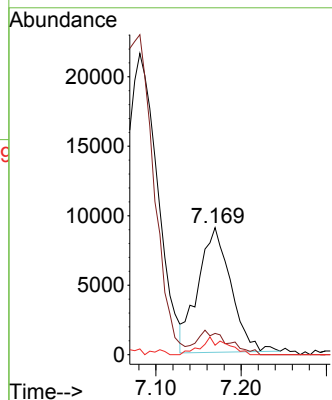
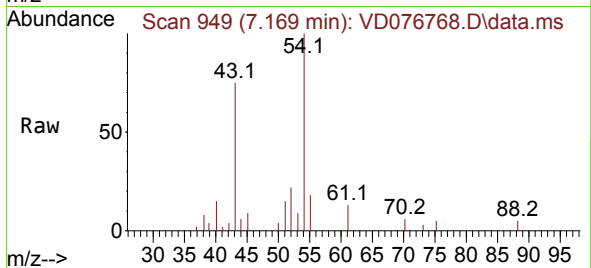
Tgt Ion: 43 Resp: 23928

Ion Ratio Lower Upper

43 100

61 18.9 14.9 22.3

70 11.2 10.0 15.0



#38

Carbon Tetrachloride

Concen: 21.948 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD076768.D

Acq: 18 Jul 2023 10:36

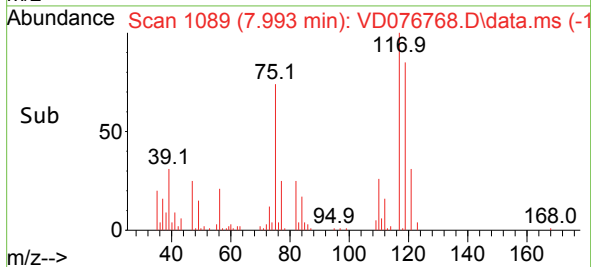
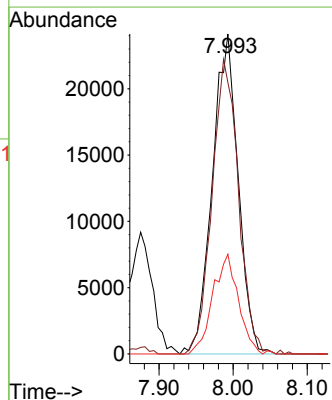
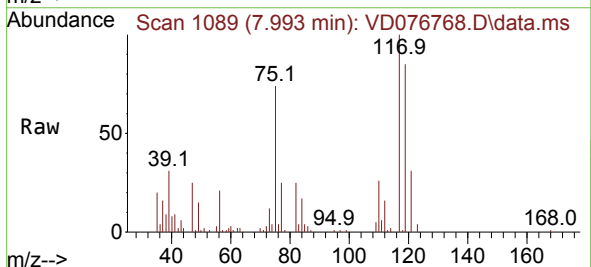
Tgt Ion: 117 Resp: 58522

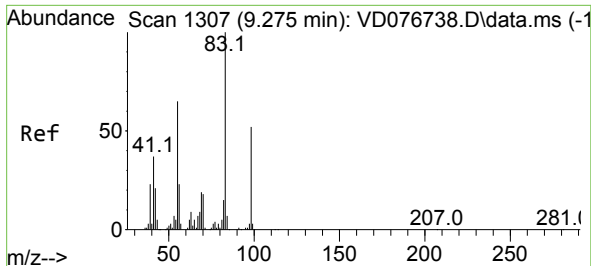
Ion Ratio Lower Upper

117 100

119 84.9 78.0 117.0

121 31.1 24.2 36.2





#39

Methylcyclohexane

Concen: 21.978 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. -0.006 min

Lab File: VD076768.D

Acq: 18 Jul 2023 10:36

Instrument :

MSVOA_D

ClientSampleId :

VD0718SBS01

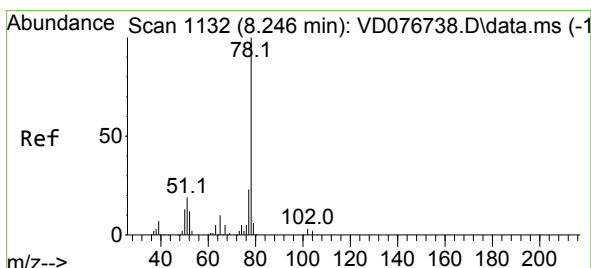
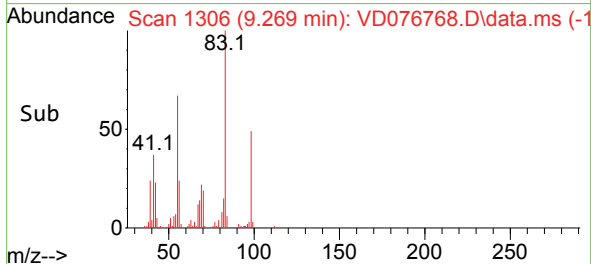
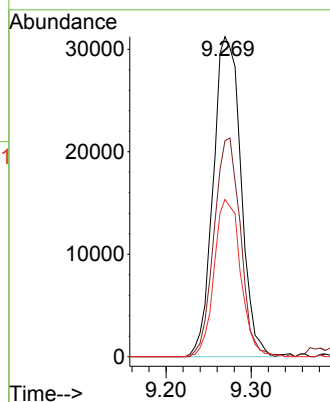
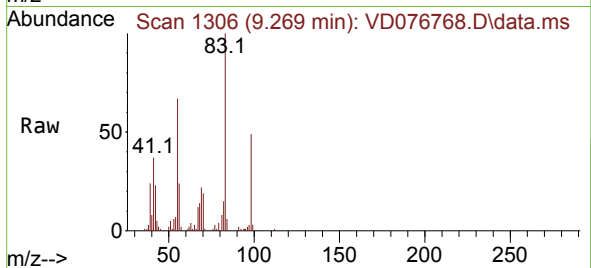
Tgt Ion: 83 Resp: 70667

Ion Ratio Lower Upper

83 100

55 67.5 49.4 74.0

98 49.2 38.4 57.6



#40

Benzene

Concen: 20.288 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.006 min

Lab File: VD076768.D

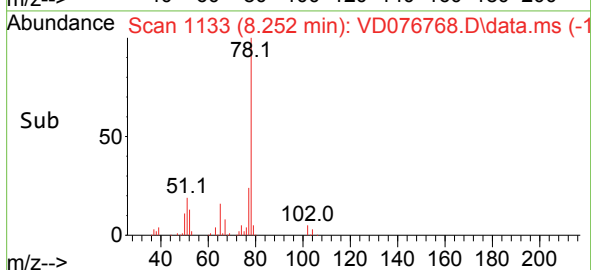
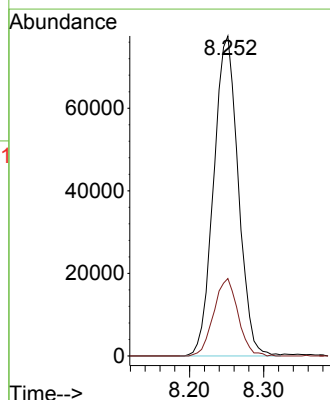
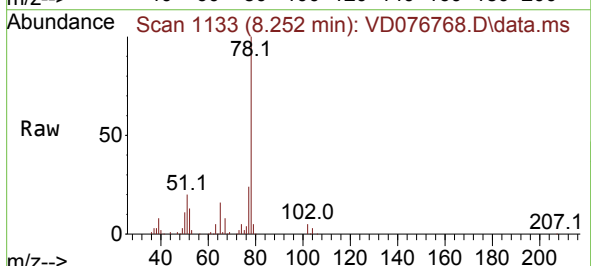
Acq: 18 Jul 2023 10:36

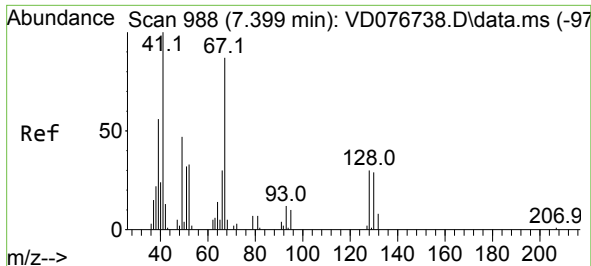
Tgt Ion: 78 Resp: 178260

Ion Ratio Lower Upper

78 100

77 24.2 19.4 29.0

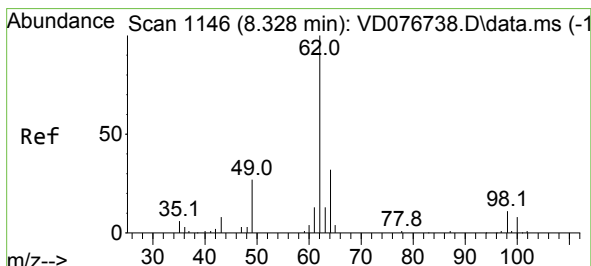
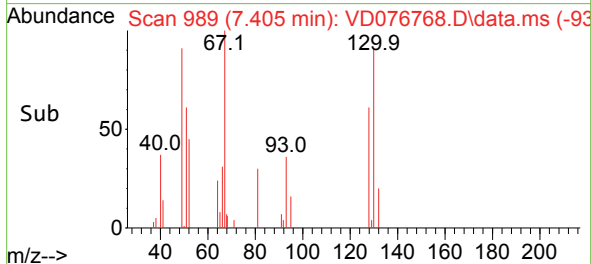
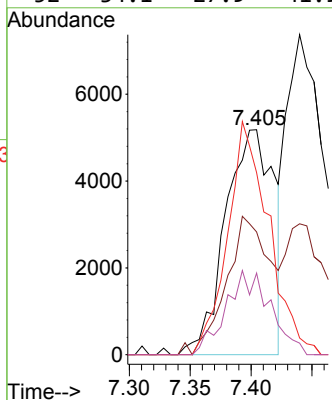
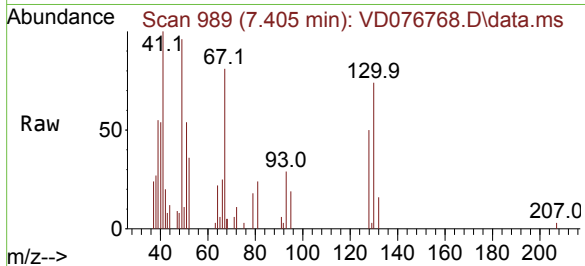




#41
Methacrylonitrile
Concen: 18.808 ug/l
RT: 7.405 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD076768.D
Acq: 18 Jul 2023 10:36

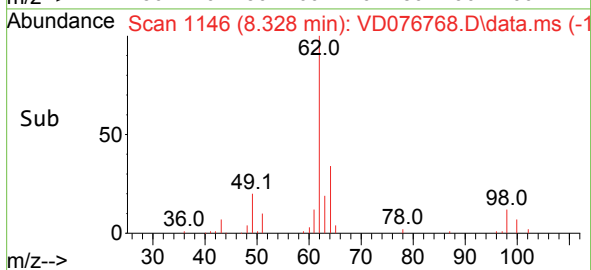
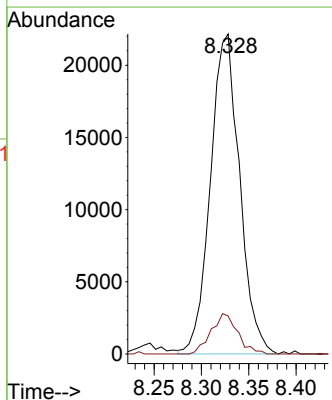
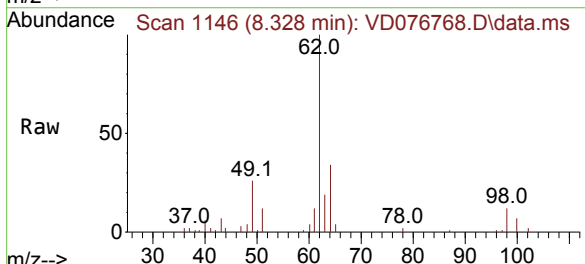
Instrument :
MSVOA_D
ClientSampleId :
VD0718SBS01

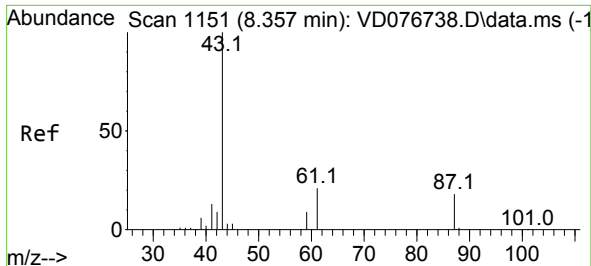
Tgt Ion: 41 Resp: 14303
Ion Ratio Lower Upper
41 100
39 55.6 34.0 51.0#
67 88.2 77.0 115.4
52 34.1 27.9 41.9



#42
1,2-Dichloroethane
Concen: 20.823 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD076768.D
Acq: 18 Jul 2023 10:36

Tgt Ion: 62 Resp: 47539
Ion Ratio Lower Upper
62 100
98 11.5 0.0 25.4

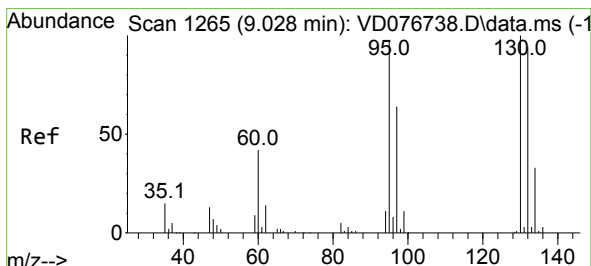
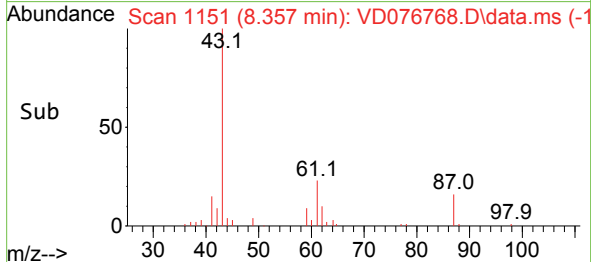
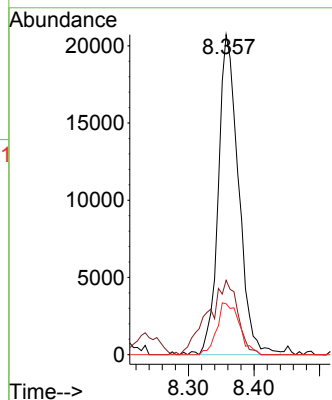
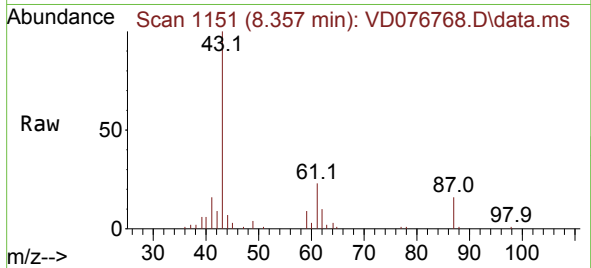




#43
Isopropyl Acetate
Concen: 18.218 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. 0.000 min
Lab File: VD076768.D
Acq: 18 Jul 2023 10:36

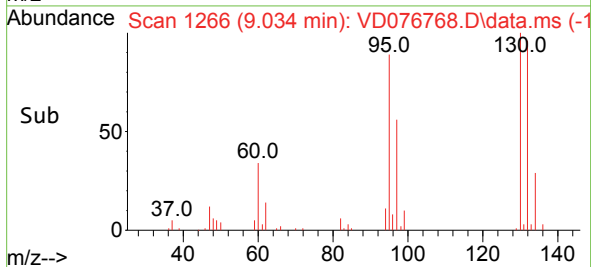
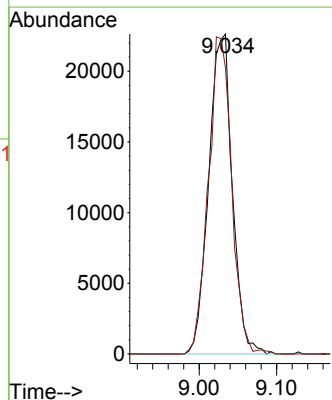
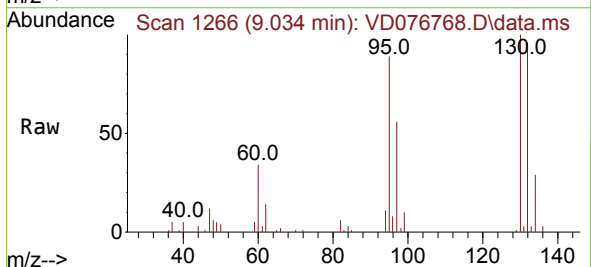
Instrument :
MSVOA_D
ClientSampleId :
VD0718SBS01

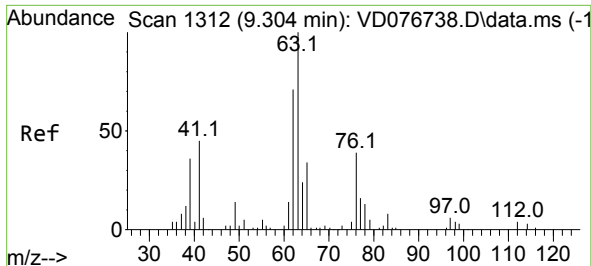
Tgt Ion: 43 Resp: 44279
Ion Ratio Lower Upper
43 100
61 34.3 31.4 47.0
87 18.0 14.9 22.3



#44
Trichloroethene
Concen: 19.988 ug/l
RT: 9.034 min Scan# 1266
Delta R.T. 0.006 min
Lab File: VD076768.D
Acq: 18 Jul 2023 10:36

Tgt Ion:130 Resp: 47858
Ion Ratio Lower Upper
130 100
95 89.4 0.0 179.2





#45

1,2-Dichloropropane

Concen: 20.644 ug/l

RT: 9.304 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD076768.D

Acq: 18 Jul 2023 10:36

Instrument :

MSVOA_D

ClientSampleId :

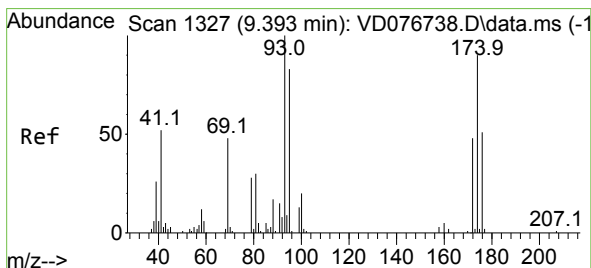
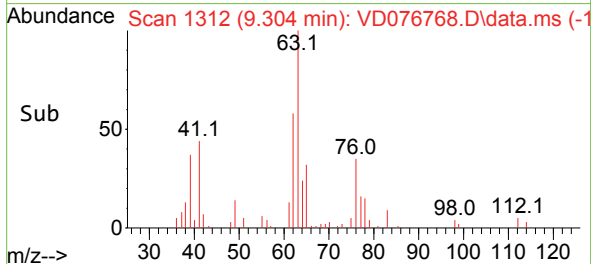
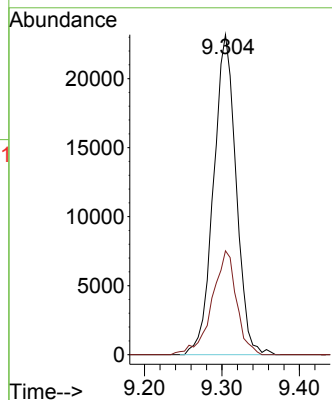
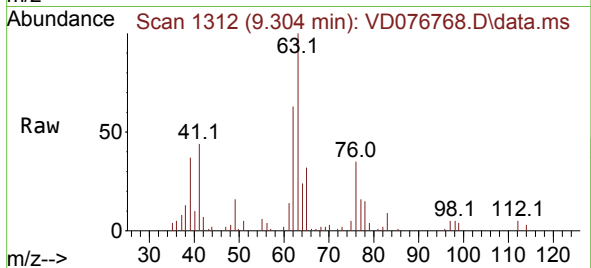
VD0718SBS01

Tgt Ion: 63 Resp: 46822

Ion Ratio Lower Upper

63 100

65 32.4 24.5 36.7



#46

Dibromomethane

Concen: 20.683 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD076768.D

Acq: 18 Jul 2023 10:36

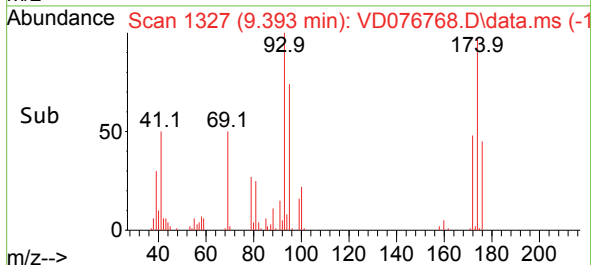
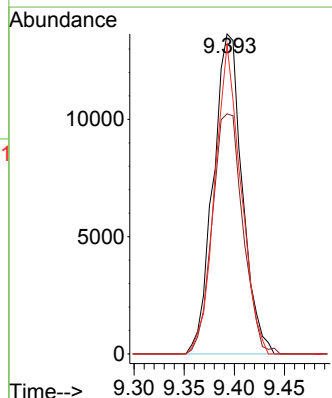
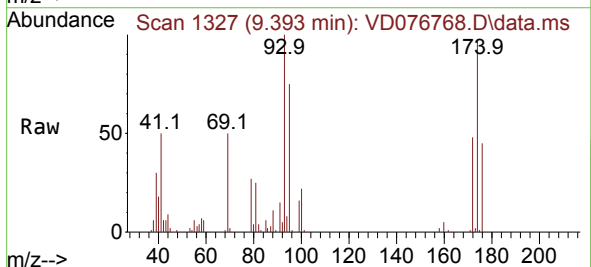
Tgt Ion: 93 Resp: 27459

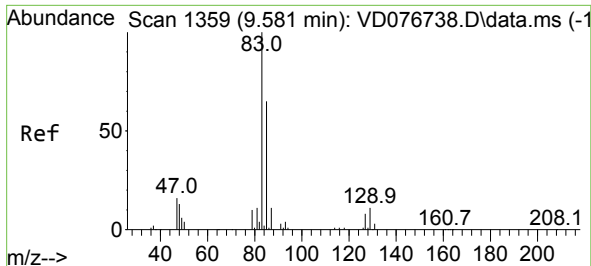
Ion Ratio Lower Upper

93 100

95 79.1 67.7 101.5

174 87.2 85.4 128.2

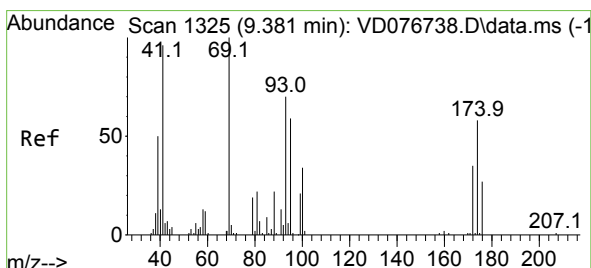
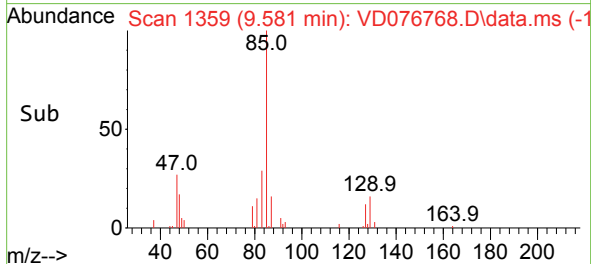
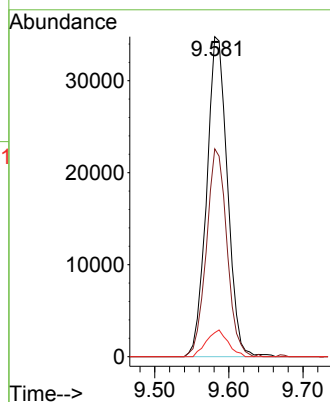
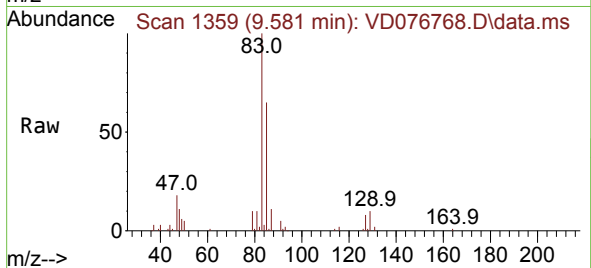




#47
Bromodichloromethane
Concen: 20.281 ug/l
RT: 9.581 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VD076768.D
Acq: 18 Jul 2023 10:36

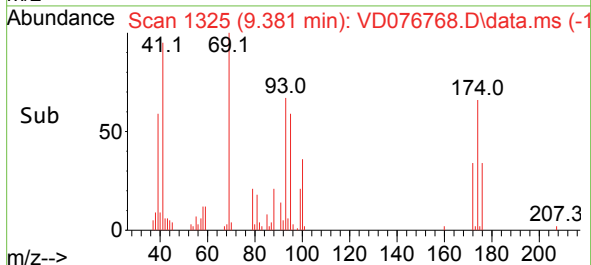
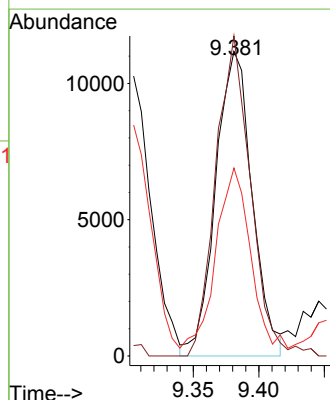
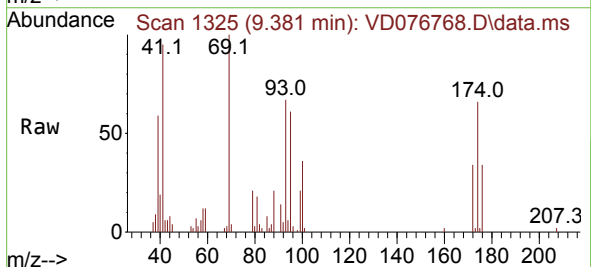
Instrument :
MSVOA_D
ClientSampleId :
VD0718SBS01

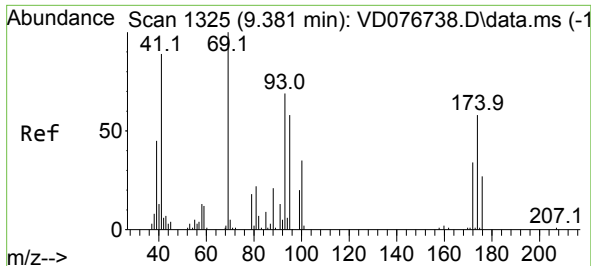
Tgt Ion: 83 Resp: 67568
Ion Ratio Lower Upper
83 100
85 64.9 50.2 75.4
127 7.5 6.3 9.5



#48
Methyl methacrylate
Concen: 19.557 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD076768.D
Acq: 18 Jul 2023 10:36

Tgt Ion: 41 Resp: 21634
Ion Ratio Lower Upper
41 100
69 100.6 102.2 153.2#
39 57.2 41.4 62.2





#49

1,4-Dioxane

Concen: 309.179 ug/l

RT: 9.387 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD076768.D

Acq: 18 Jul 2023 10:36

Instrument :

MSVOA_D

ClientSampleId :

VD0718SBS01

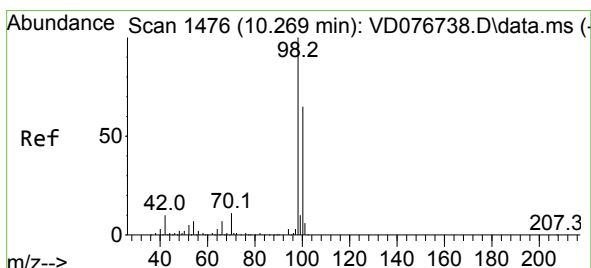
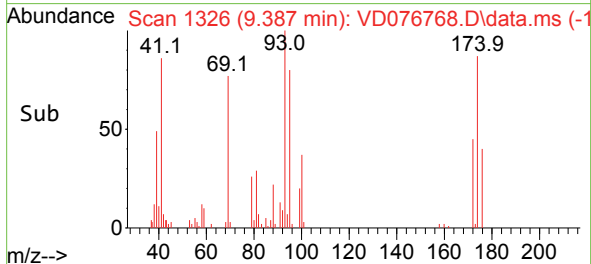
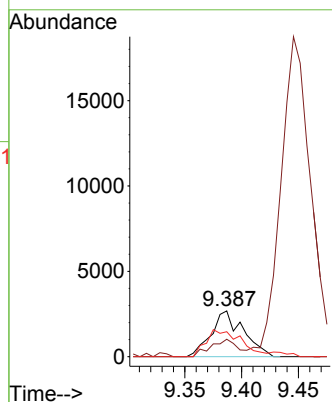
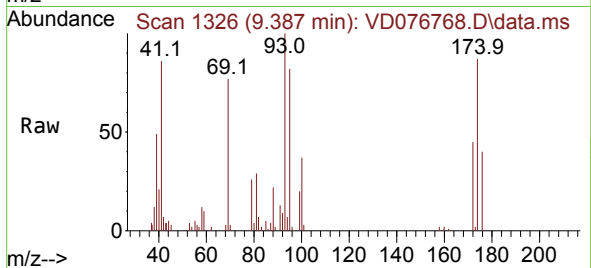
Tgt Ion: 88 Resp: 5259

Ion Ratio Lower Upper

88 100

43 32.5 19.0 28.6#

58 64.1 43.5 65.3



#50

Toluene-d8

Concen: 44.793 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD076768.D

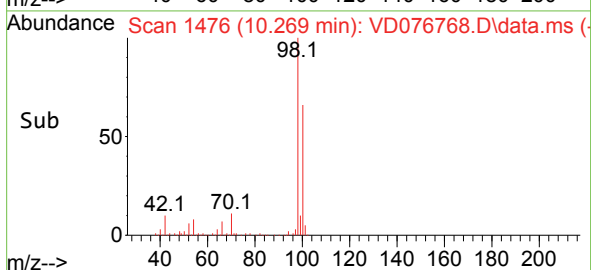
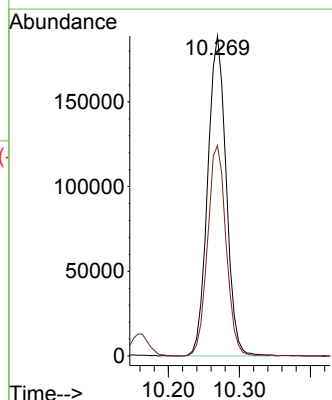
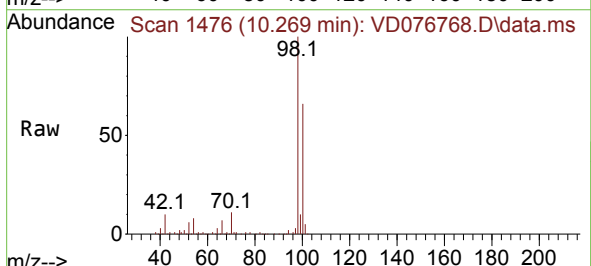
Acq: 18 Jul 2023 10:36

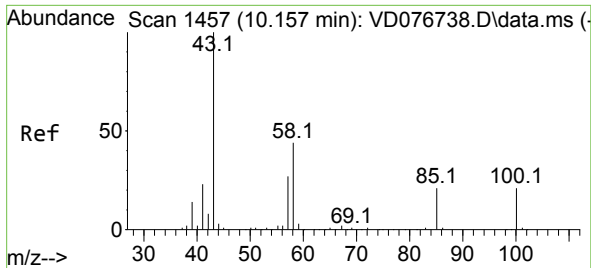
Tgt Ion: 98 Resp: 341489

Ion Ratio Lower Upper

98 100

100 66.1 50.3 75.5

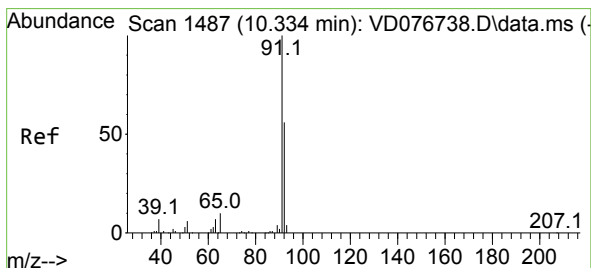
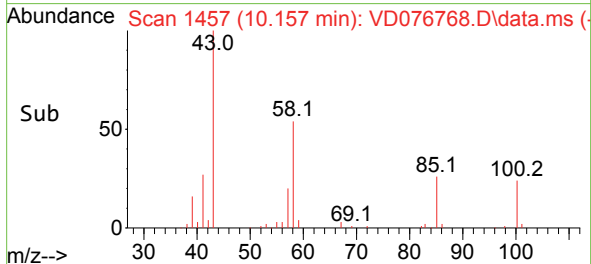
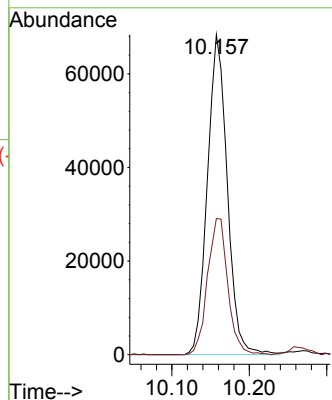
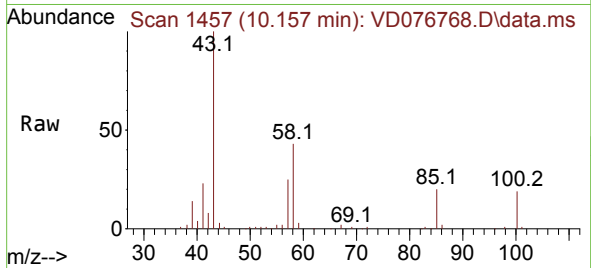




#51
4-Methyl-2-Pentanone
Concen: 94.180 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD076768.D
Acq: 18 Jul 2023 10:36

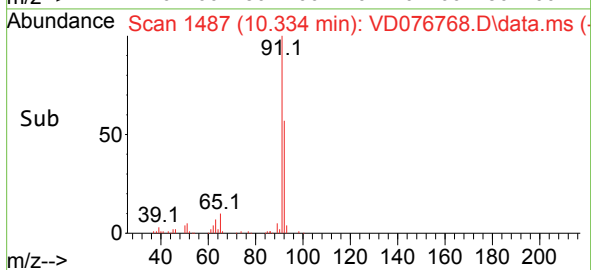
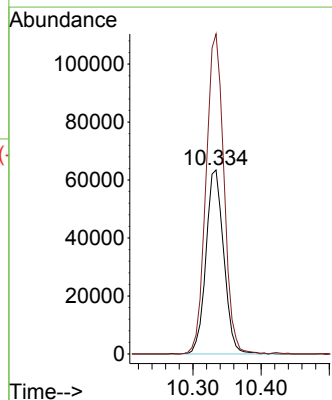
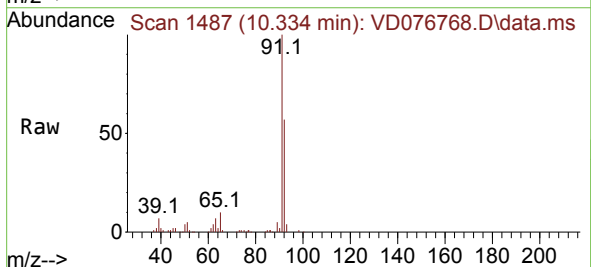
Instrument :
MSVOA_D
ClientSampleId :
VD0718SBS01

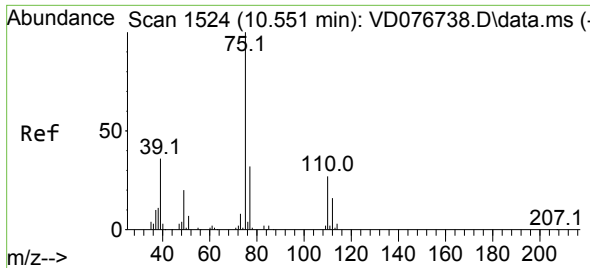
Tgt Ion: 43 Resp: 121873
Ion Ratio Lower Upper
43 100
58 43.5 38.9 58.3



#52
Toluene
Concen: 19.962 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD076768.D
Acq: 18 Jul 2023 10:36

Tgt Ion: 92 Resp: 115198
Ion Ratio Lower Upper
92 100
91 175.2 143.0 214.4

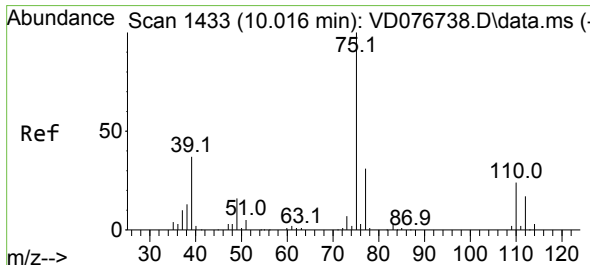
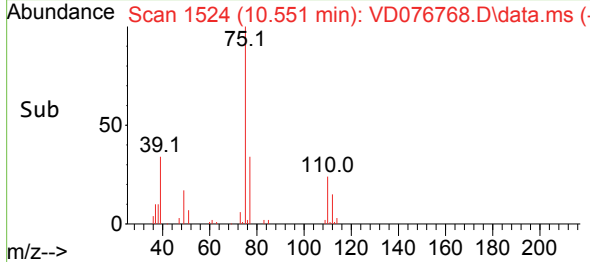
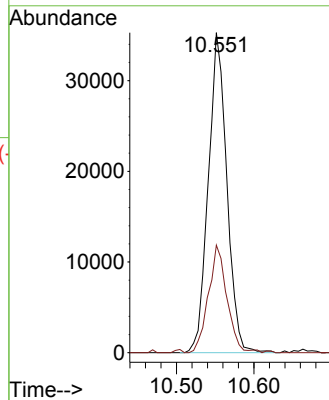
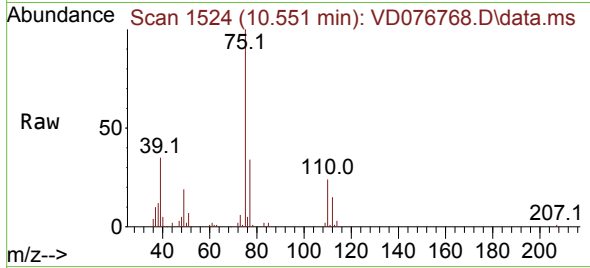




#53
t-1,3-Dichloropropene
Concen: 18.994 ug/l
RT: 10.551 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076768.D
Acq: 18 Jul 2023 10:36

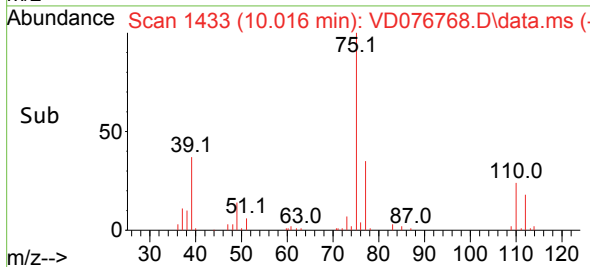
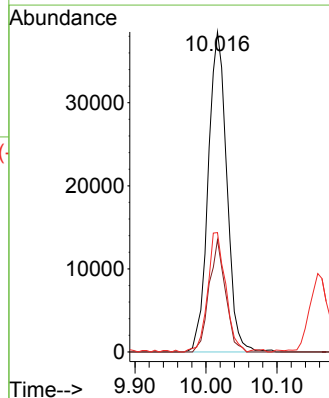
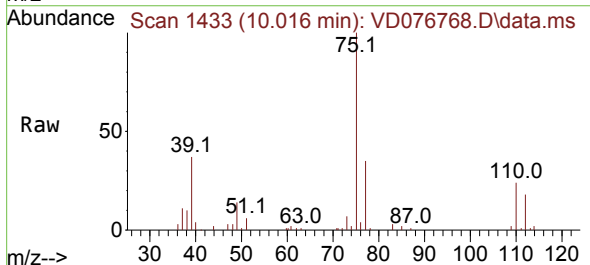
Instrument :
MSVOA_D
ClientSampleId :
VD0718SBS01

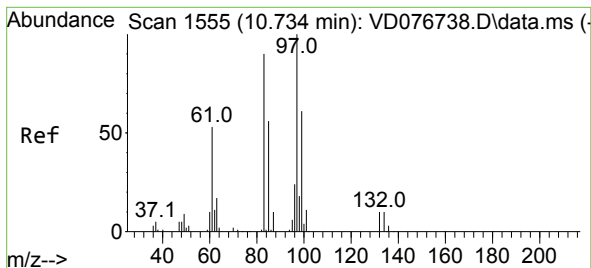
Tgt Ion: 75 Resp: 58735
Ion Ratio Lower Upper
75 100
77 33.6 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 19.286 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD076768.D
Acq: 18 Jul 2023 10:36

Tgt Ion: 75 Resp: 70289
Ion Ratio Lower Upper
75 100
77 35.1 25.5 38.3
39 37.3 22.1 33.1#





#55

1,1,2-Trichloroethane

Concen: 20.174 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VD076768.D

Acq: 18 Jul 2023 10:36

Instrument :

MSVOA_D

ClientSampleId :

VD0718SBS01

Tgt Ion: 97 Resp: 39111

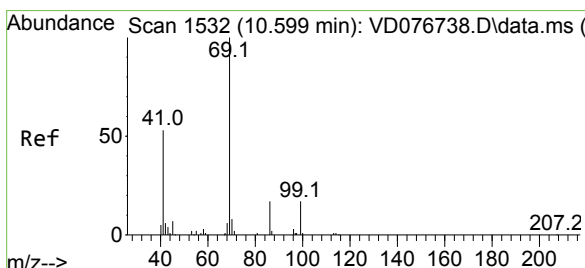
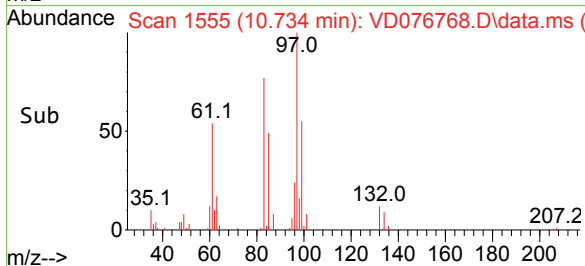
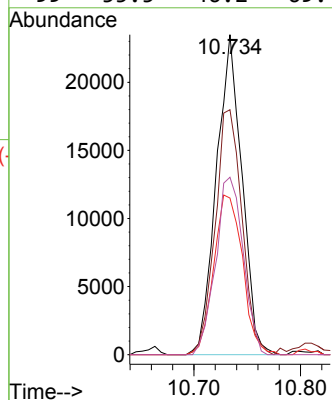
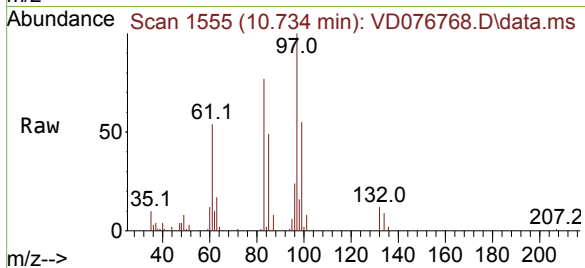
Ion Ratio Lower Upper

97 100

83 76.6 65.8 98.6

85 49.0 45.7 68.5

99 55.5 46.2 69.4



#56

Ethyl methacrylate

Concen: 18.332 ug/l

RT: 10.599 min Scan# 1532

Delta R.T. -0.000 min

Lab File: VD076768.D

Acq: 18 Jul 2023 10:36

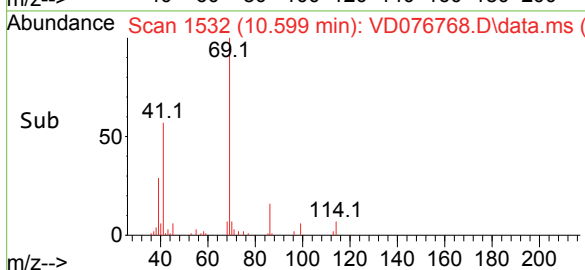
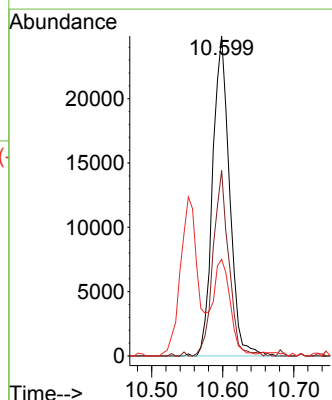
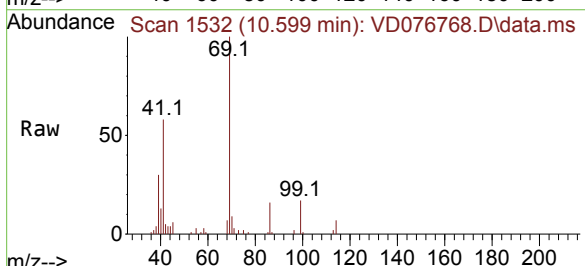
Tgt Ion: 69 Resp: 41019

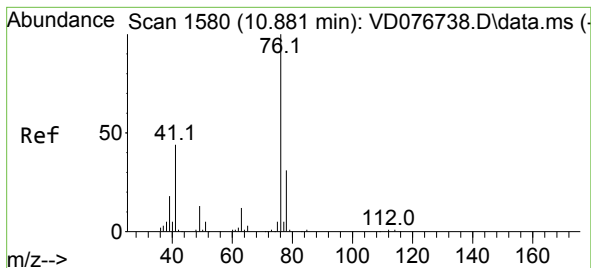
Ion Ratio Lower Upper

69 100

41 54.3 39.1 58.7

39 31.8 20.0 30.0#





#57

1,3-Dichloropropane

Concen: 19.578 ug/l

RT: 10.881 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD076768.D

Acq: 18 Jul 2023 10:36

Instrument :

MSVOA_D

ClientSampleId :

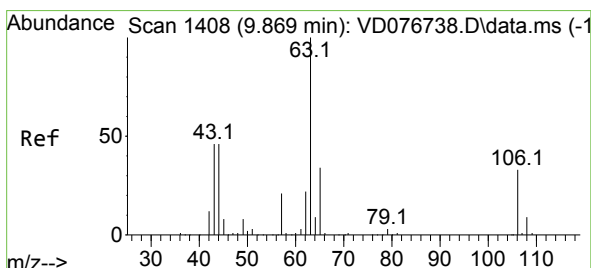
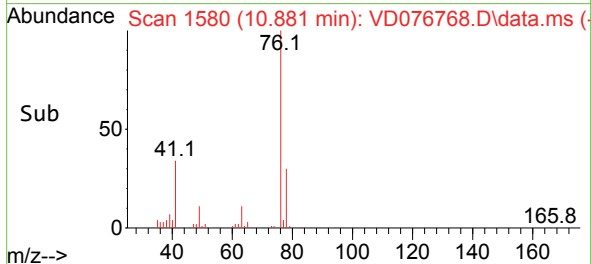
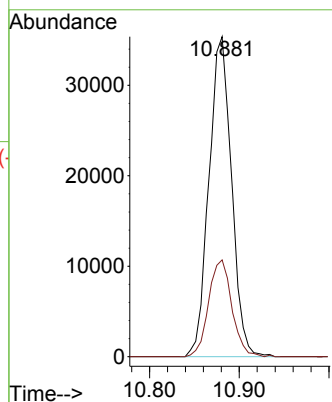
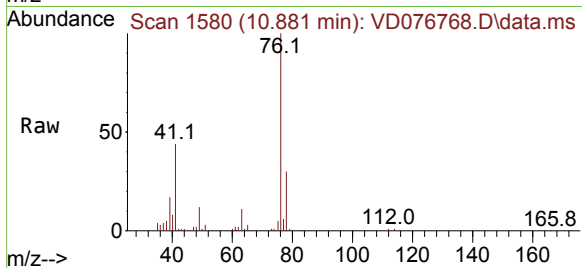
VD0718SBS01

Tgt Ion: 76 Resp: 61812

Ion Ratio Lower Upper

76 100

78 31.2 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 99.324 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD076768.D

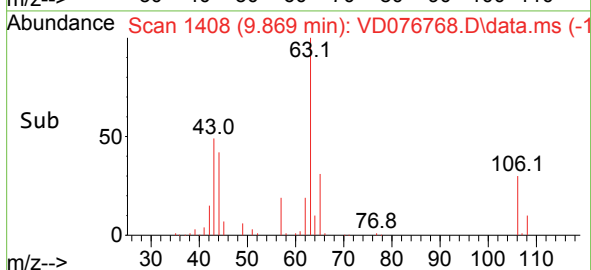
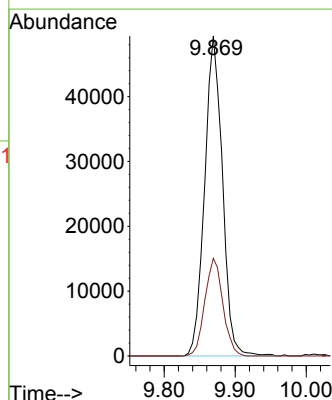
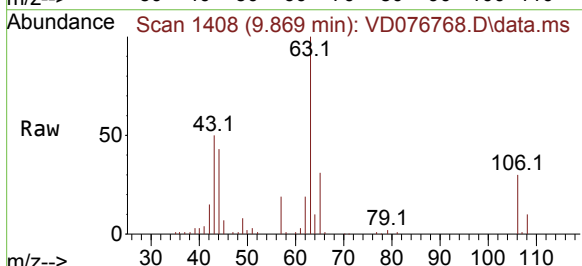
Acq: 18 Jul 2023 10:36

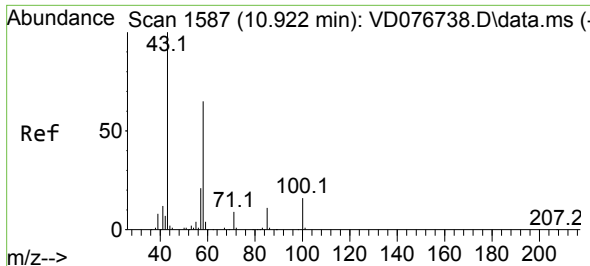
Tgt Ion: 63 Resp: 86027

Ion Ratio Lower Upper

63 100

106 30.9 25.3 37.9

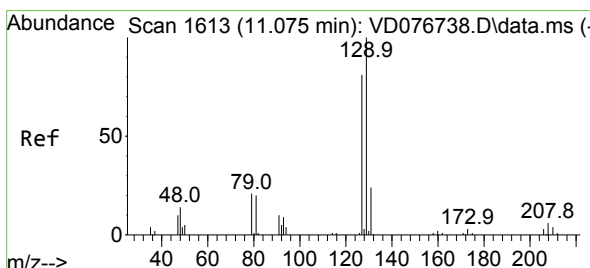
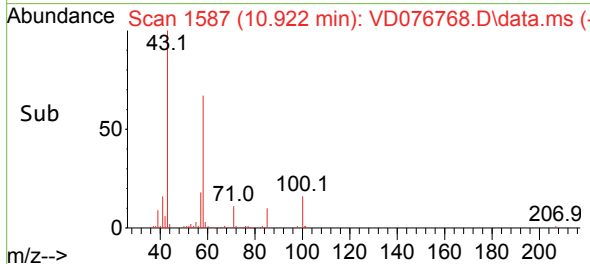
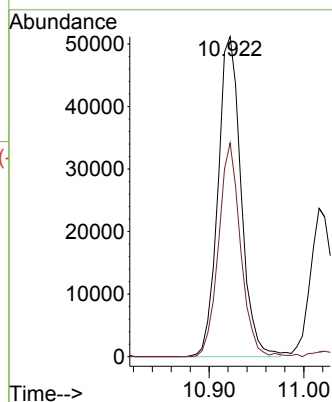
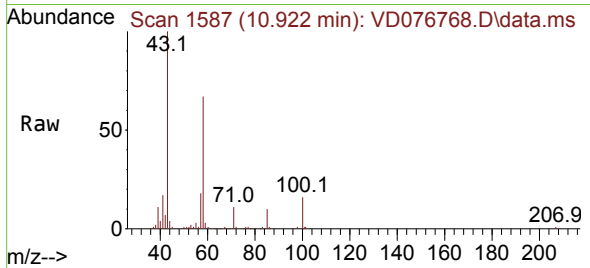




#59
2-Hexanone
Concen: 93.809 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD076768.D
Acq: 18 Jul 2023 10:36

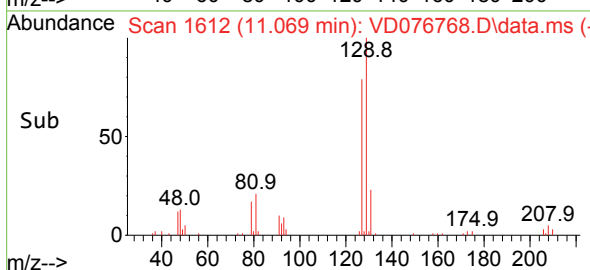
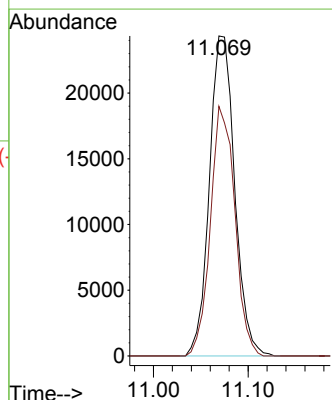
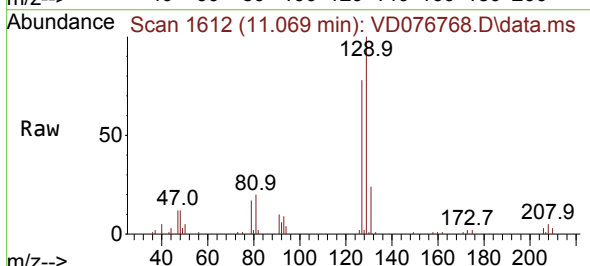
Instrument :
MSVOA_D
ClientSampleId :
VD0718SBS01

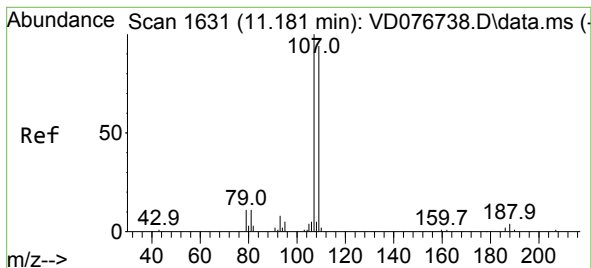
Tgt Ion: 43 Resp: 86619
Ion Ratio Lower Upper
43 100
58 63.7 34.1 102.2



#60
Dibromochloromethane
Concen: 20.064 ug/l
RT: 11.069 min Scan# 1612
Delta R.T. -0.006 min
Lab File: VD076768.D
Acq: 18 Jul 2023 10:36

Tgt Ion: 129 Resp: 45187
Ion Ratio Lower Upper
129 100
127 75.3 37.1 111.5

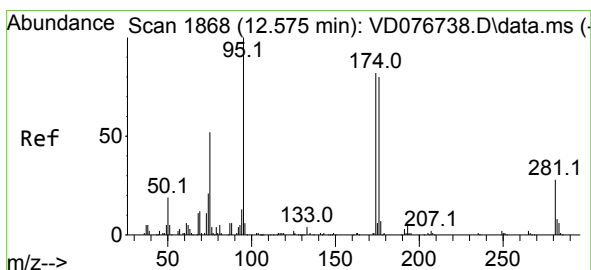
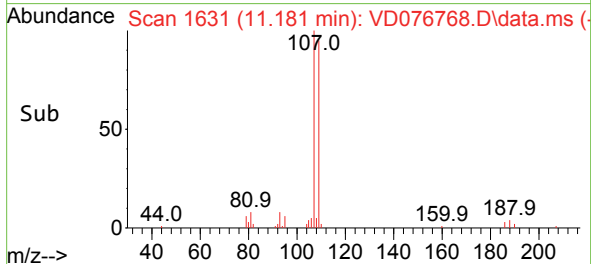
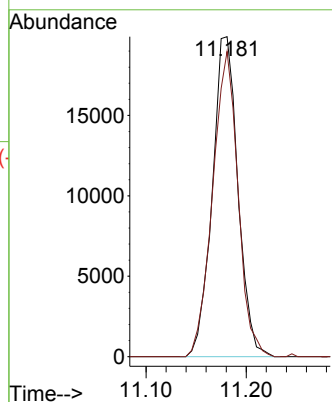
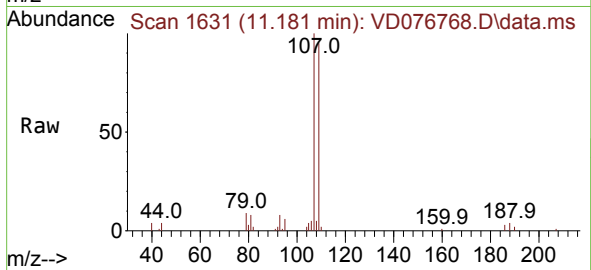




#61
1,2-Dibromoethane
Concen: 19.647 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD076768.D
Acq: 18 Jul 2023 10:36

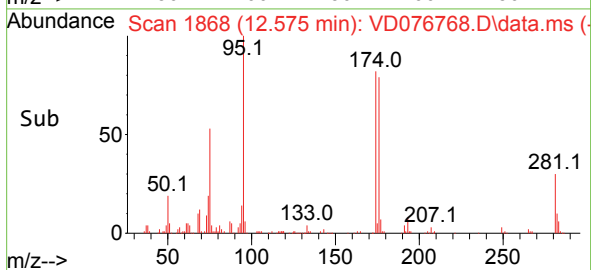
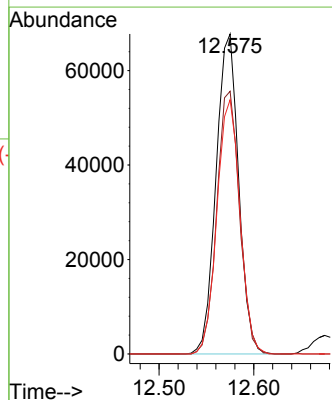
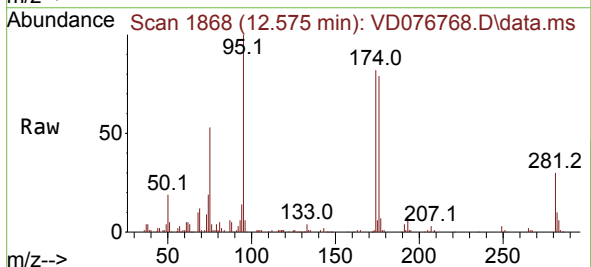
Instrument :
MSVOA_D
ClientSampleId :
VD0718SBS01

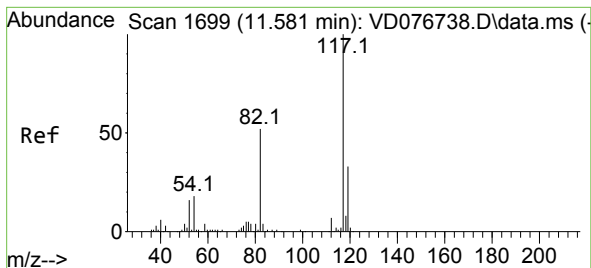
Tgt Ion:107 Resp: 35312
Ion Ratio Lower Upper
107 100
109 94.5 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 45.508 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076768.D
Acq: 18 Jul 2023 10:36

Tgt Ion: 95 Resp: 112234
Ion Ratio Lower Upper
95 100
174 82.6 0.0 201.8
176 81.0 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD076768.D

Acq: 18 Jul 2023 10:36

Instrument :

MSVOA_D

ClientSampleId :

VD0718SBS01

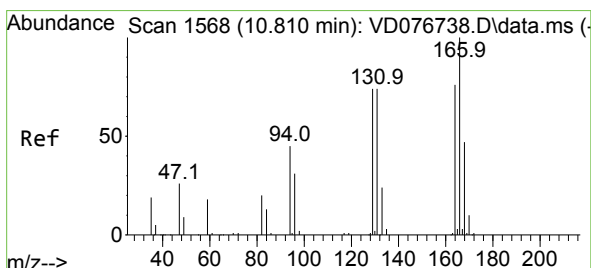
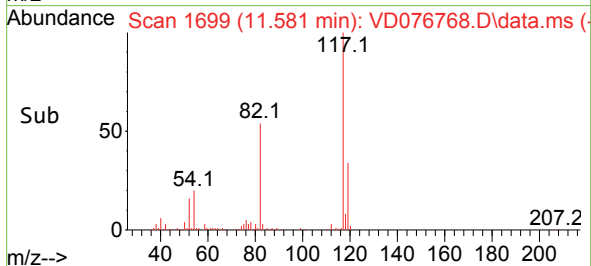
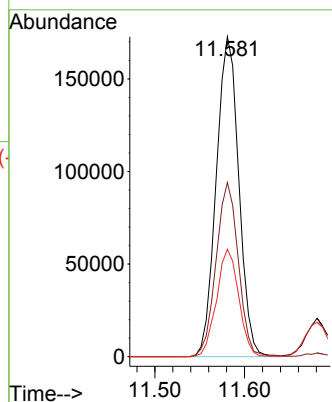
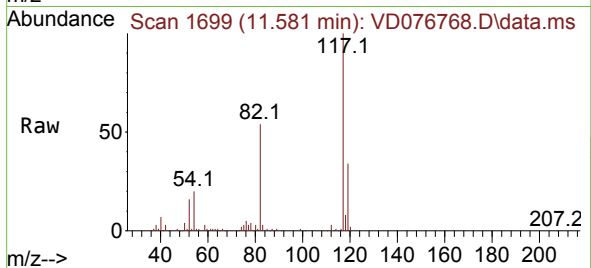
Tgt Ion:117 Resp: 301791

Ion Ratio Lower Upper

117 100

82 54.5 38.3 57.5

119 33.6 25.0 37.4



#64

Tetrachloroethene

Concen: 23.800 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD076768.D

Acq: 18 Jul 2023 10:36

Tgt Ion:164 Resp: 40956

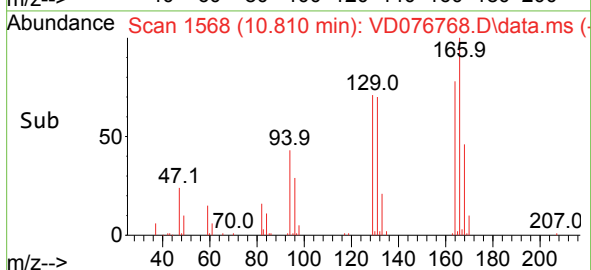
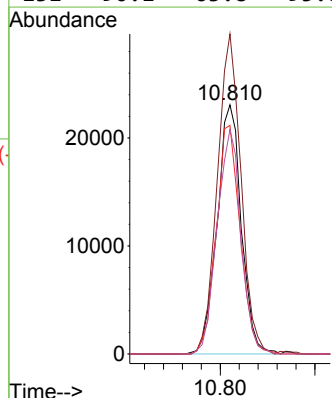
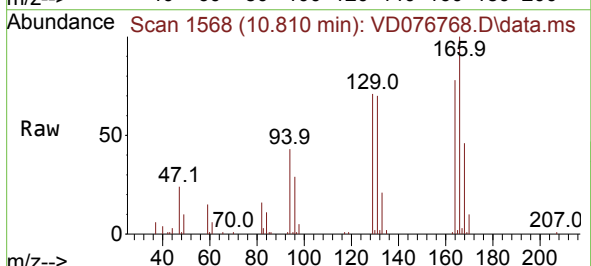
Ion Ratio Lower Upper

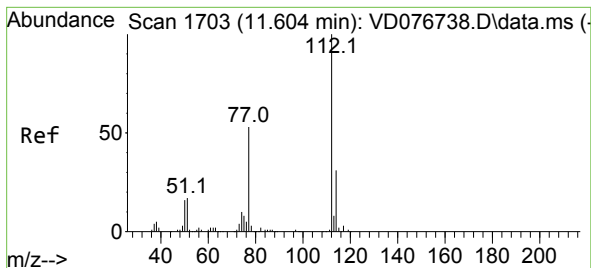
164 100

166 128.4 99.2 148.8

129 91.8 68.4 102.6

131 90.1 63.8 95.8





#65

Chlorobenzene

Concen: 20.922 ug/l

RT: 11.604 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VD076768.D

Acq: 18 Jul 2023 10:36

Instrument :

MSVOA_D

ClientSampleId :

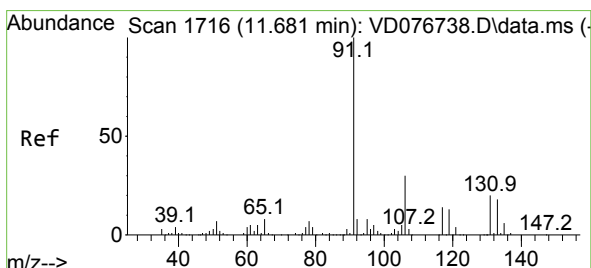
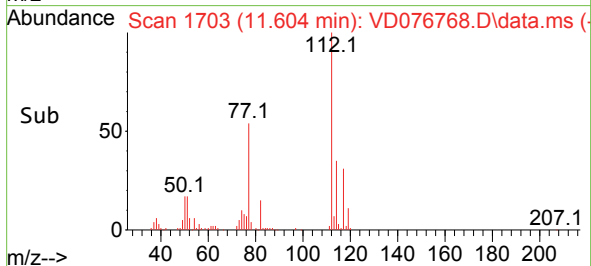
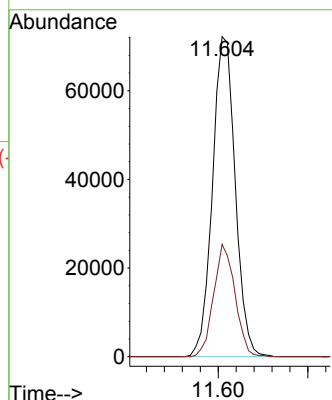
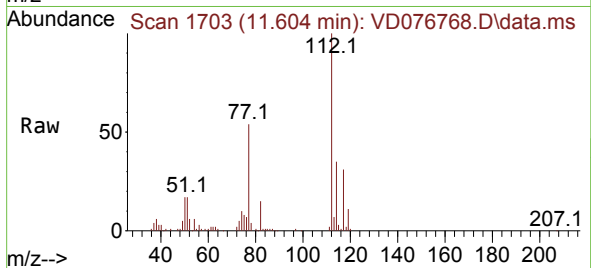
VD0718SBS01

Tgt Ion:112 Resp: 126989

Ion Ratio Lower Upper

112 100

114 35.1 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 20.737 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD076768.D

Acq: 18 Jul 2023 10:36

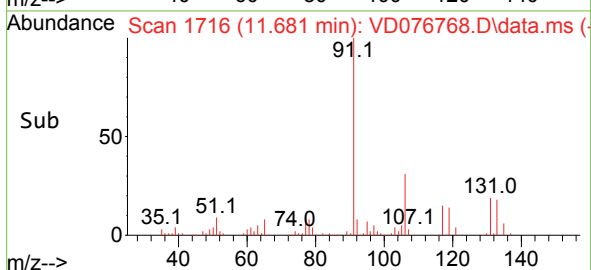
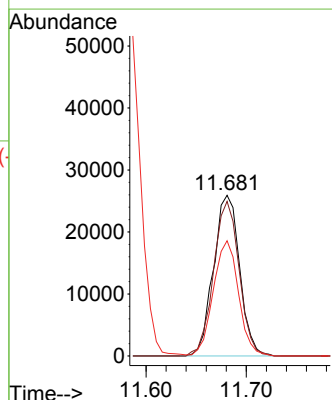
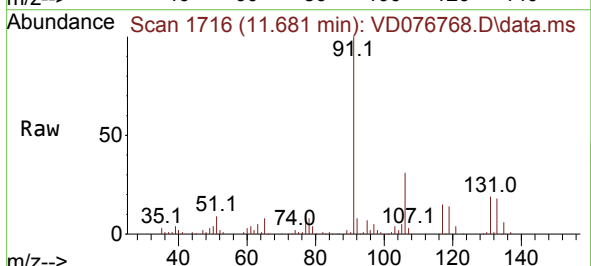
Tgt Ion:131 Resp: 46861

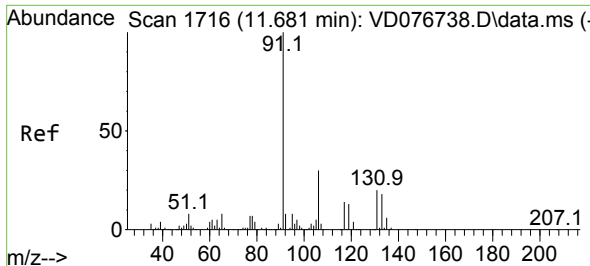
Ion Ratio Lower Upper

131 100

133 94.4 48.5 145.5

119 69.4 35.6 106.9

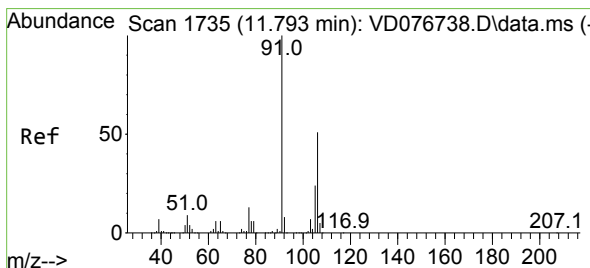
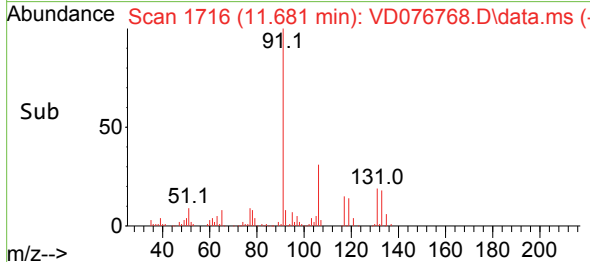
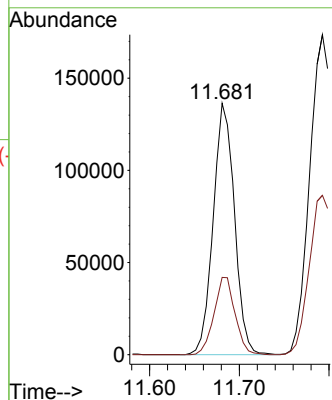
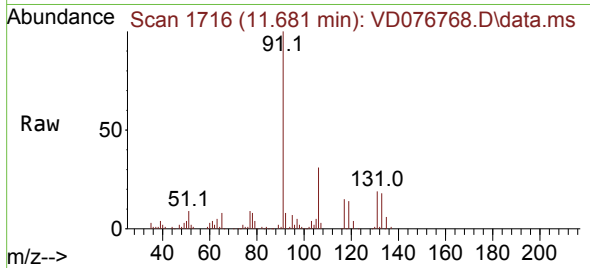




#67
Ethyl Benzene
Concen: 21.075 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076768.D
Acq: 18 Jul 2023 10:36

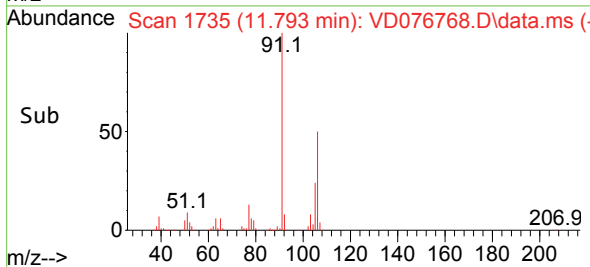
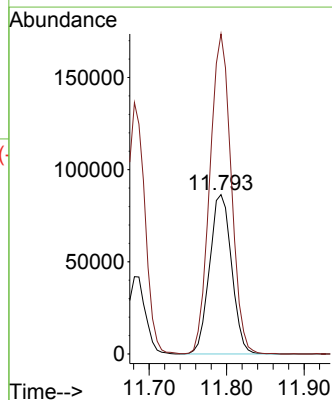
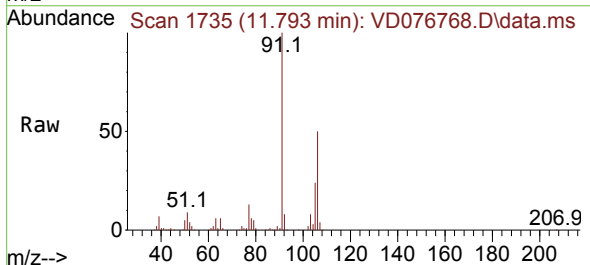
Instrument :
MSVOA_D
ClientSampleId :
VD0718SBS01

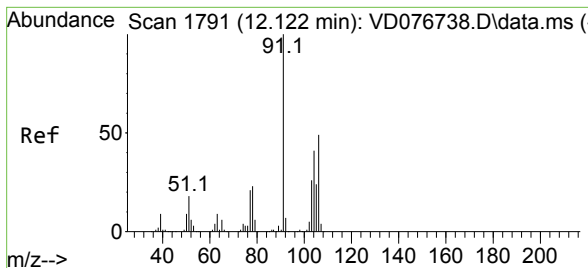
Tgt Ion: 91 Resp: 224649
Ion Ratio Lower Upper
91 100
106 30.7 26.5 39.7



#68
m/p-Xylenes
Concen: 41.726 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD076768.D
Acq: 18 Jul 2023 10:36

Tgt Ion:106 Resp: 170820
Ion Ratio Lower Upper
106 100
91 194.3 147.0 220.6

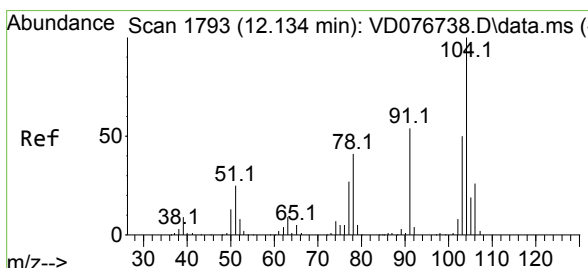
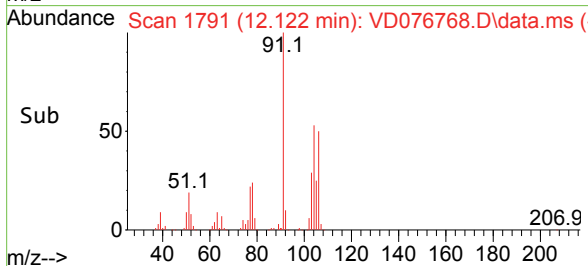
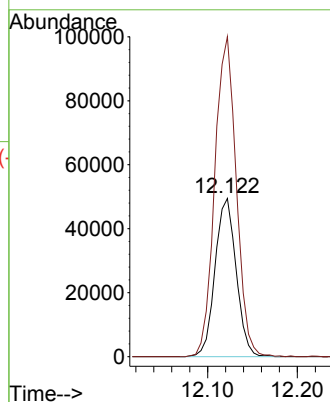
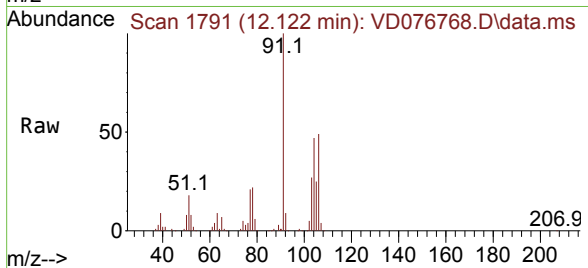




#69
o-Xylene
Concen: 20.446 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD076768.D
Acq: 18 Jul 2023 10:36

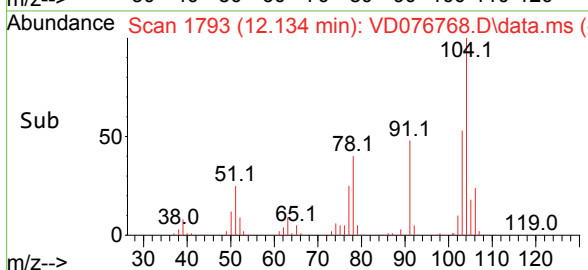
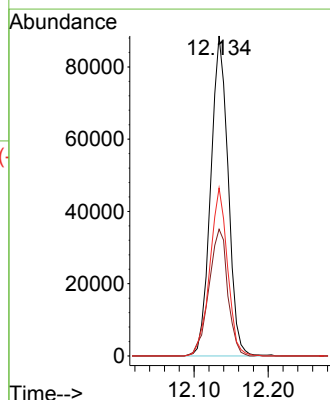
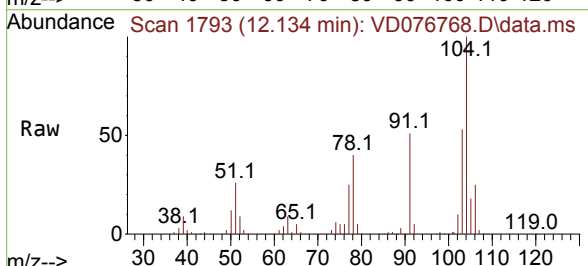
Instrument :
MSVOA_D
ClientSampleId :
VD0718SBS01

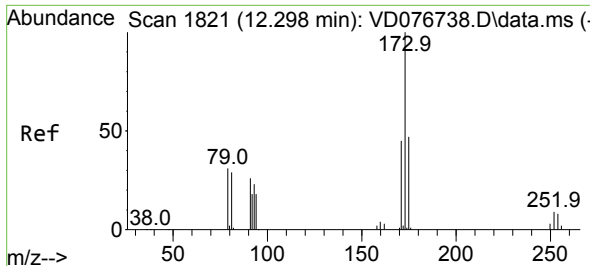
Tgt Ion:106 Resp: 80941
Ion Ratio Lower Upper
106 100
91 206.0 97.9 293.6



#70
Styrene
Concen: 20.853 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD076768.D
Acq: 18 Jul 2023 10:36

Tgt Ion:104 Resp: 144513
Ion Ratio Lower Upper
104 100
78 42.7 33.2 49.8
103 53.4 43.6 65.4

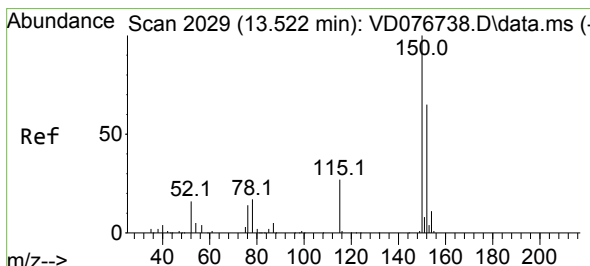
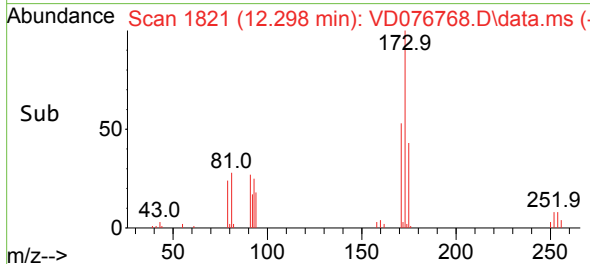
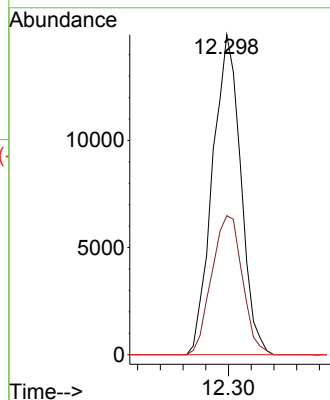
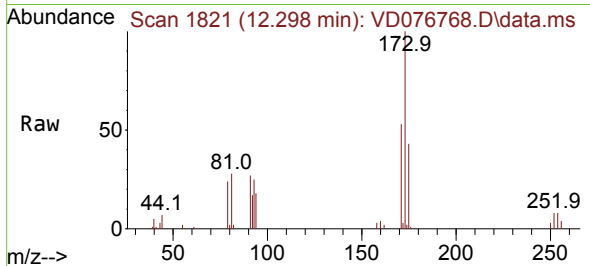




#71
Bromoform
Concen: 20.861 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD076768.D
Acq: 18 Jul 2023 10:36

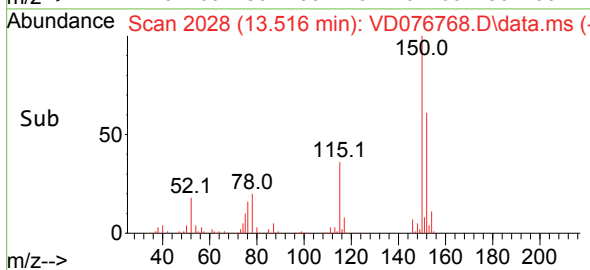
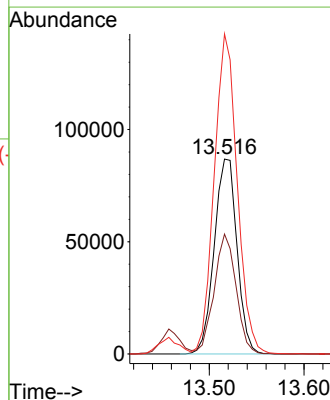
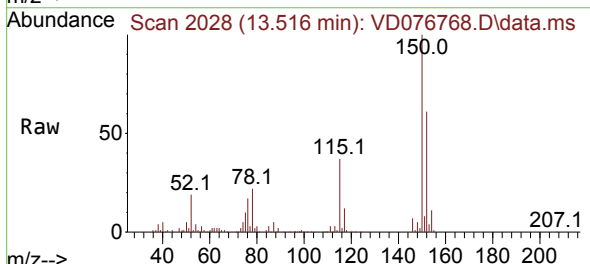
Instrument :
MSVOA_D
ClientSampleId :
VD0718SBS01

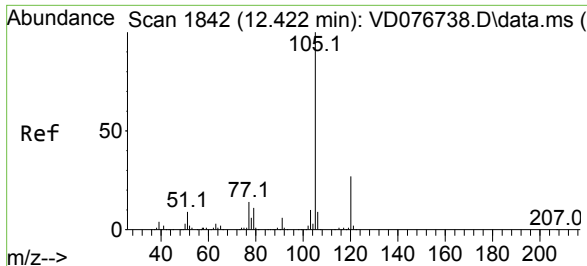
Tgt Ion:173 Resp: 25818
Ion Ratio Lower Upper
173 100
175 47.1 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076768.D
Acq: 18 Jul 2023 10:36

Tgt Ion:152 Resp: 145517
Ion Ratio Lower Upper
152 100
115 59.3 27.1 81.3
150 165.3 0.0 353.6

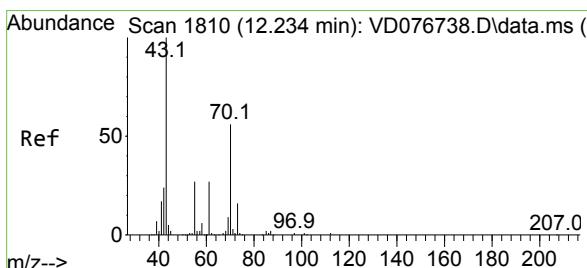
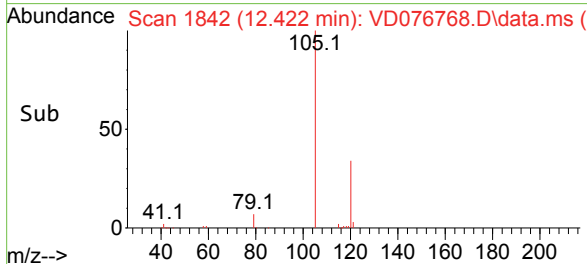
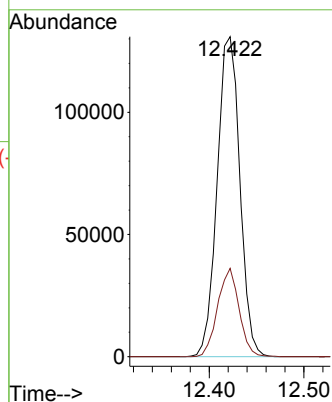
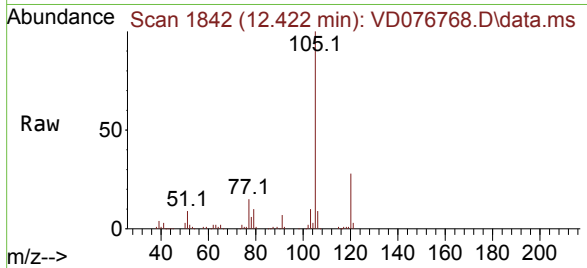




#73
Isopropylbenzene
Concen: 20.665 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD076768.D
Acq: 18 Jul 2023 10:36

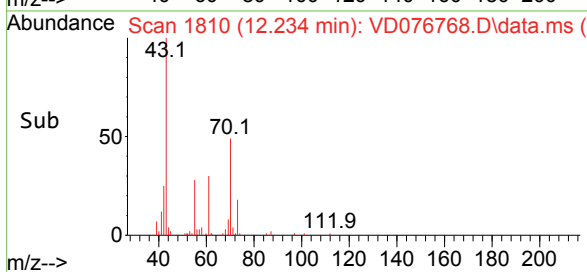
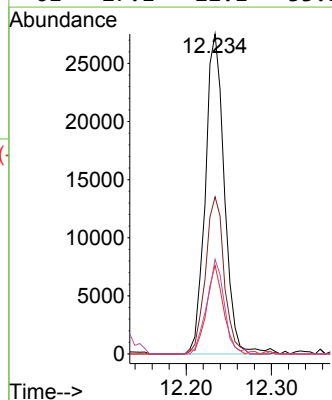
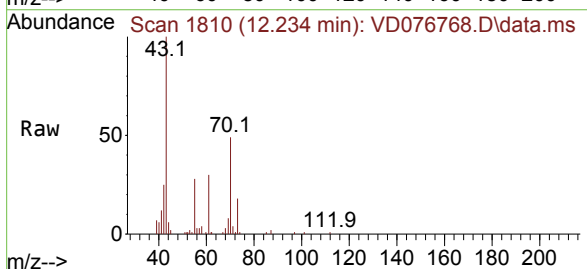
Instrument :
MSVOA_D
ClientSampleId :
VD0718SBS01

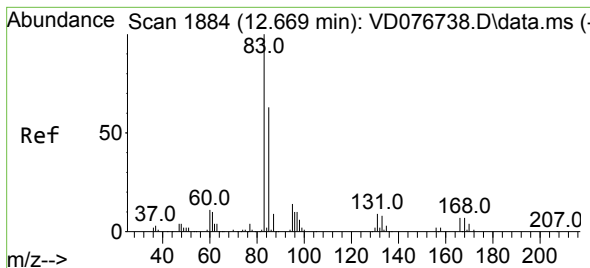
Tgt Ion:105 Resp: 218169
Ion Ratio Lower Upper
105 100
120 26.1 14.3 42.9



#74
N-ethyl acetate
Concen: 19.270 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD076768.D
Acq: 18 Jul 2023 10:36

Tgt Ion: 43 Resp: 42860
Ion Ratio Lower Upper
43 100
70 48.1 45.0 67.4
55 24.8 23.8 35.6
61 27.1 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 20.429 ug/l

RT: 12.669 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VD076768.D

Acq: 18 Jul 2023 10:36

Instrument :

MSVOA_D

ClientSampleId :

VD0718SBS01

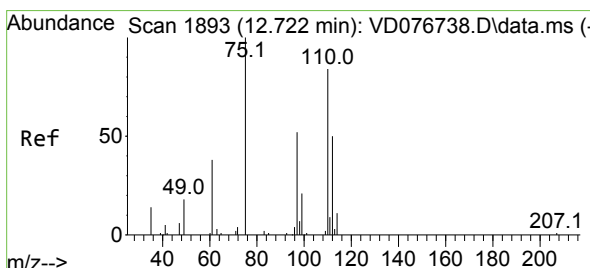
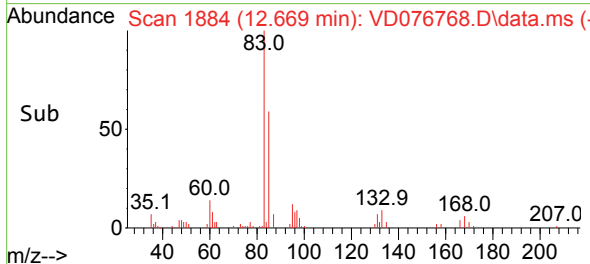
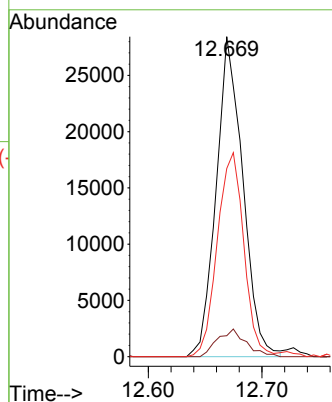
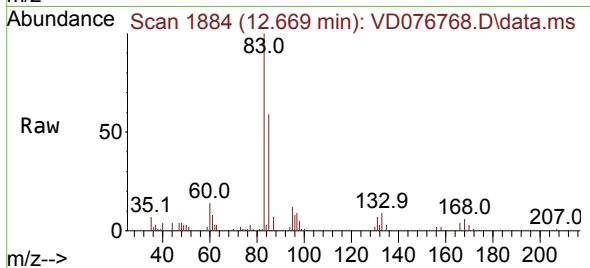
Tgt Ion: 83 Resp: 46309

Ion Ratio Lower Upper

83 100

131 9.3 5.1 15.3

85 63.7 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 36.904 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. -0.000 min

Lab File: VD076768.D

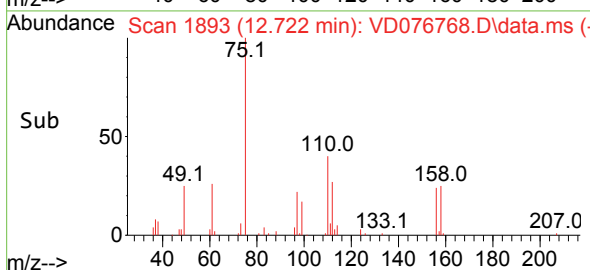
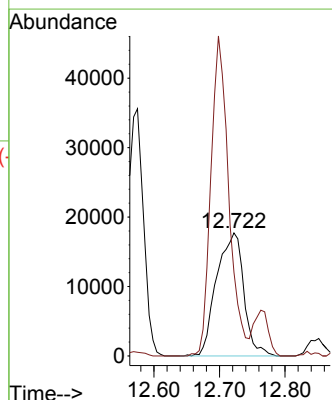
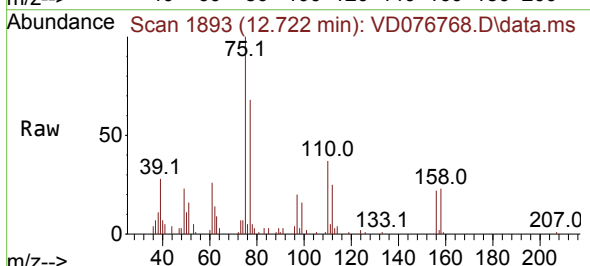
Acq: 18 Jul 2023 10:36

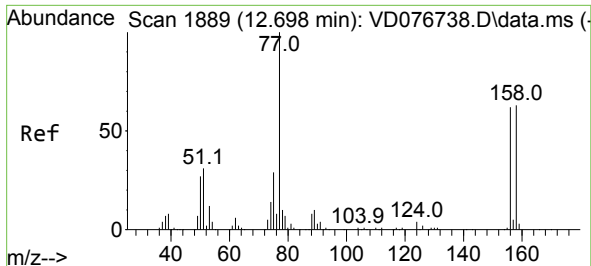
Tgt Ion: 75 Resp: 51069

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

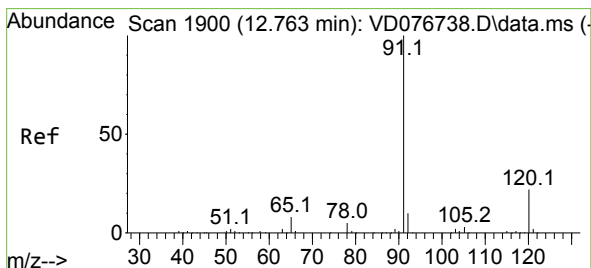
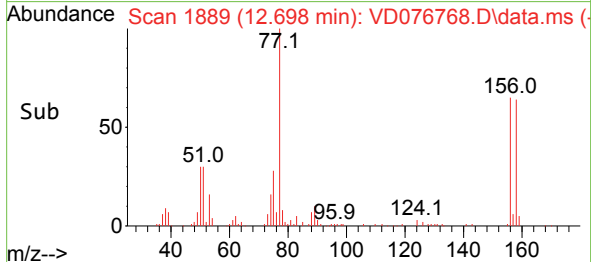
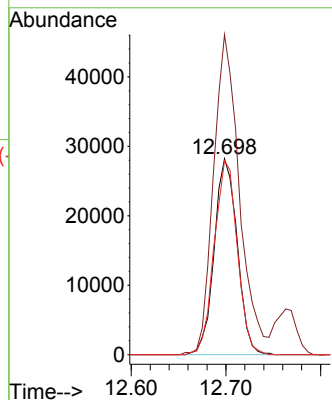
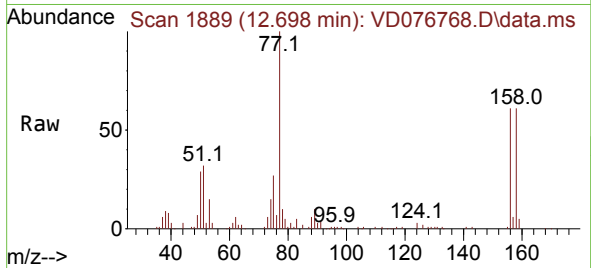




#77
Bromobenzene
Concen: 19.564 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VD076768.D
Acq: 18 Jul 2023 10:36

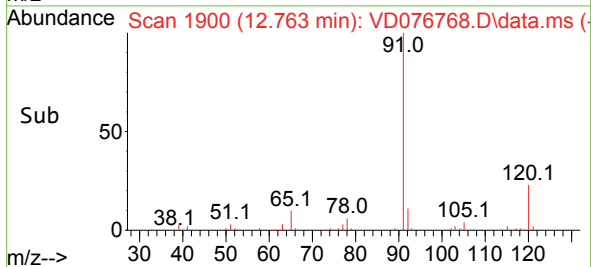
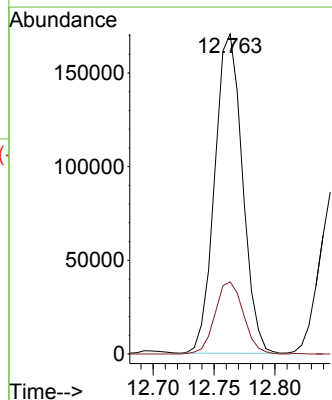
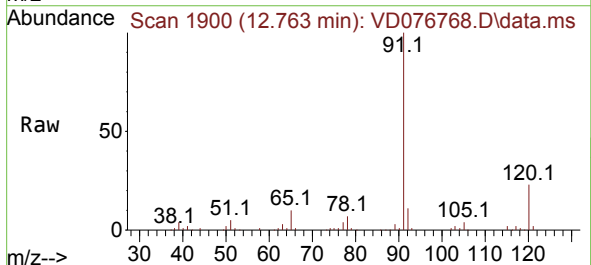
Instrument :
MSVOA_D
ClientSampleId :
VD0718SBS01

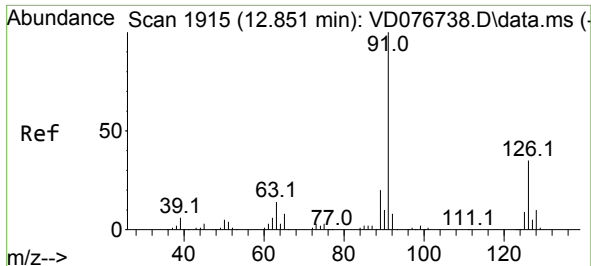
Tgt Ion:156 Resp: 47677
Ion Ratio Lower Upper
156 100
77 184.3 76.8 230.4
158 99.6 48.6 145.9



#78
n-propylbenzene
Concen: 21.132 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD076768.D
Acq: 18 Jul 2023 10:36

Tgt Ion: 91 Resp: 270467
Ion Ratio Lower Upper
91 100
120 23.0 12.4 37.2





#79

2-Chlorotoluene

Concen: 20.339 ug/l

RT: 12.845 min Scan# 1915

Delta R.T. -0.006 min

Lab File: VD076768.D

Acq: 18 Jul 2023 10:36

Instrument :

MSVOA_D

ClientSampleId :

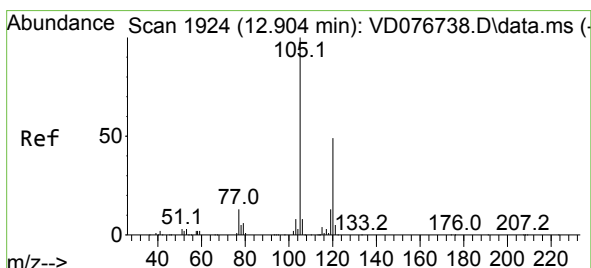
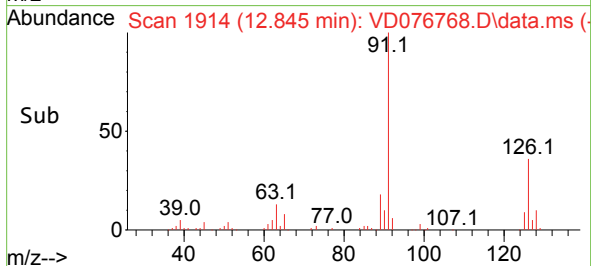
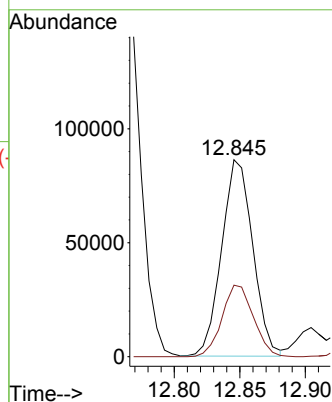
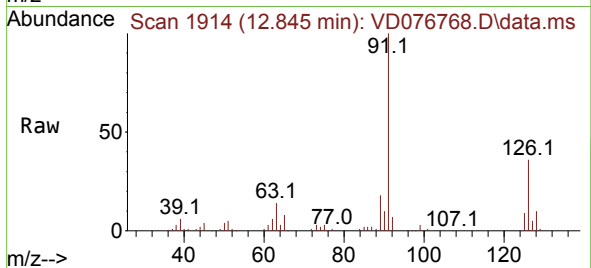
VD0718SBS01

Tgt Ion: 91 Resp: 142735

Ion Ratio Lower Upper

91 100

126 36.7 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 20.842 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD076768.D

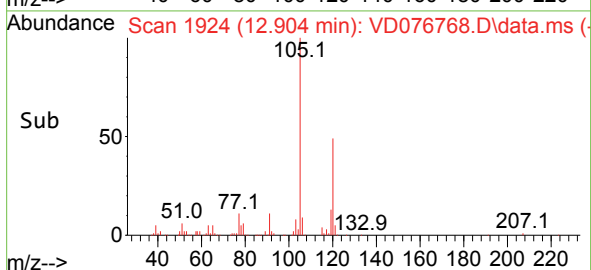
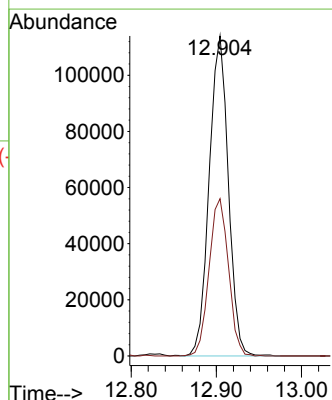
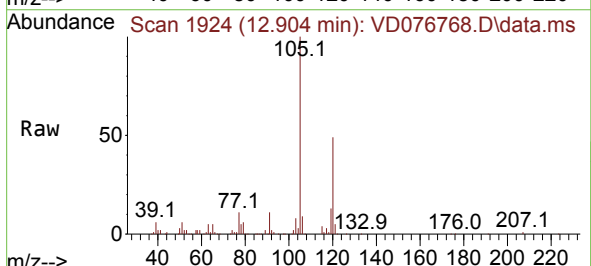
Acq: 18 Jul 2023 10:36

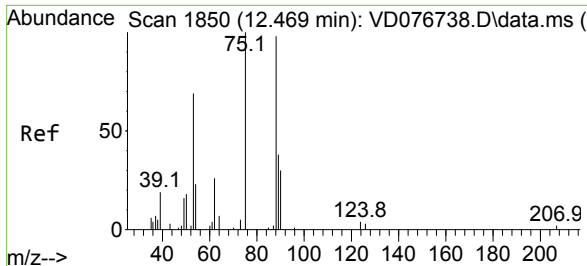
Tgt Ion:105 Resp: 177920

Ion Ratio Lower Upper

105 100

120 49.9 26.4 79.2

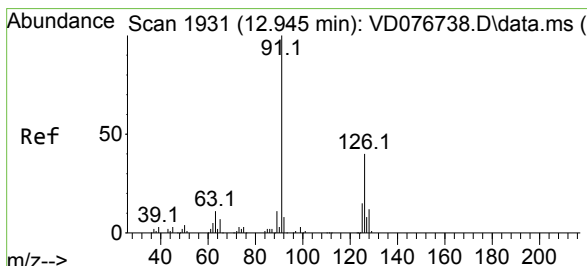
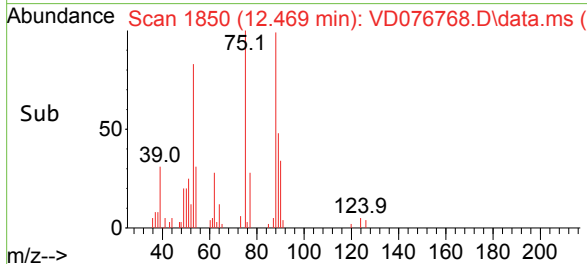
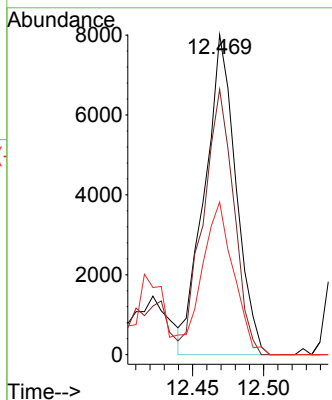
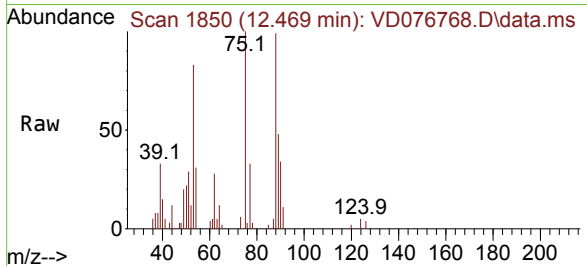




#81
trans-1,4-Dichloro-2-butene
Concen: 18.880 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD076768.D
Acq: 18 Jul 2023 10:36

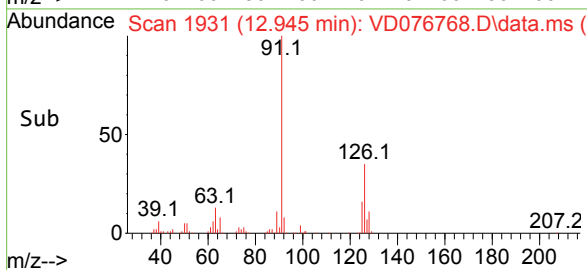
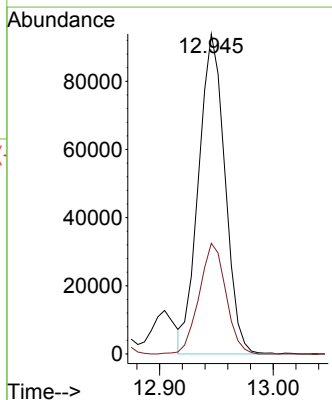
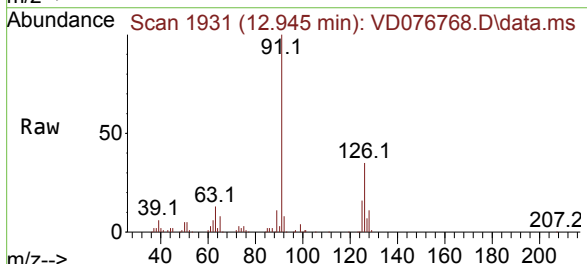
Instrument :
MSVOA_D
ClientSampleId :
VD0718SBS01

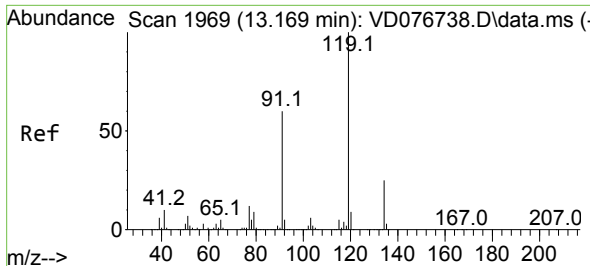
Tgt Ion: 75 Resp: 12276
Ion Ratio Lower Upper
75 100
53 80.7 63.0 94.4
89 48.1 37.9 56.9



#82
4-Chlorotoluene
Concen: 20.626 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD076768.D
Acq: 18 Jul 2023 10:36

Tgt Ion: 91 Resp: 151219
Ion Ratio Lower Upper
91 100
126 35.0 19.4 58.4

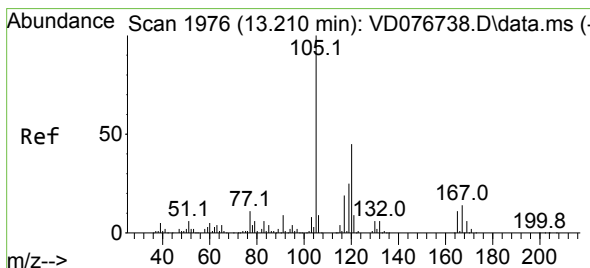
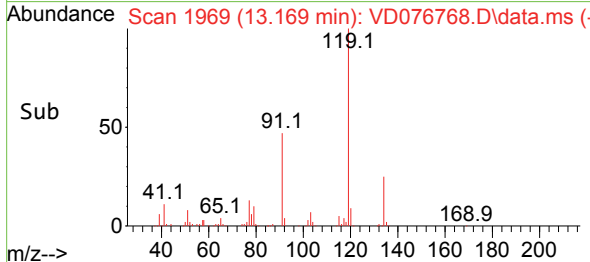
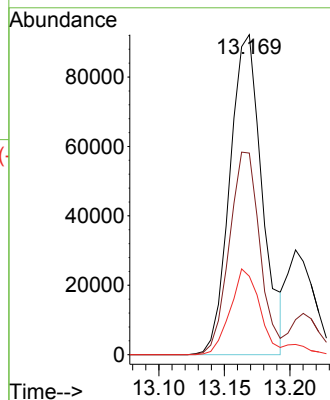
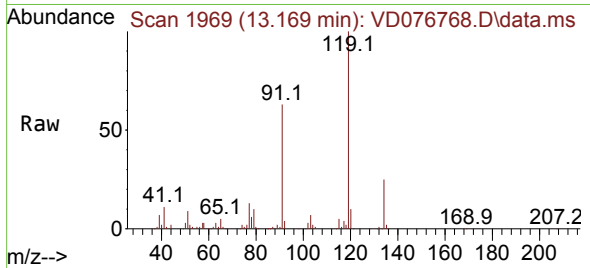




#83
tert-Butylbenzene
Concen: 20.995 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD076768.D
Acq: 18 Jul 2023 10:36

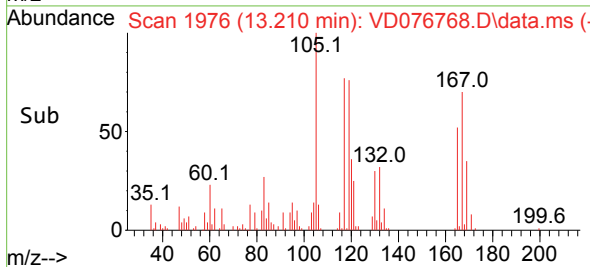
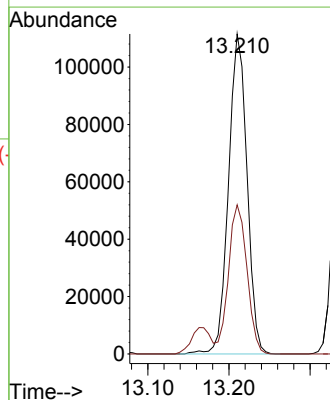
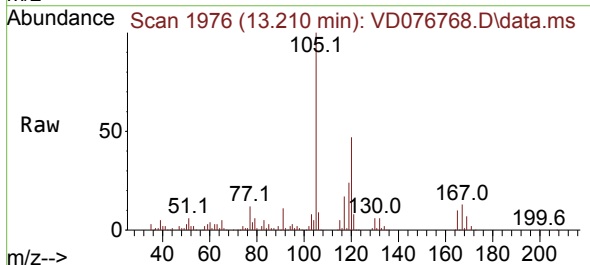
Instrument :
MSVOA_D
ClientSampleId :
VD0718SBS01

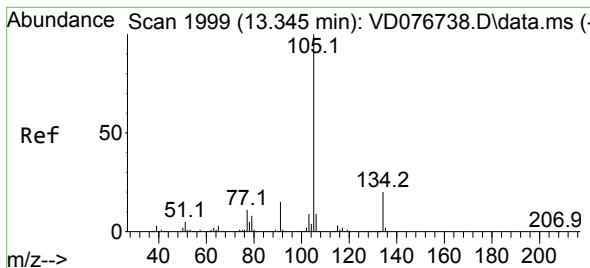
Tgt Ion:119 Resp: 157811
Ion Ratio Lower Upper
119 100
91 60.3 29.3 87.8
134 24.5 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 20.213 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD076768.D
Acq: 18 Jul 2023 10:36

Tgt Ion:105 Resp: 176335
Ion Ratio Lower Upper
105 100
120 46.9 24.3 72.9





#85

sec-Butylbenzene

Concen: 21.722 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD076768.D

Acq: 18 Jul 2023 10:36

Instrument :

MSVOA_D

ClientSampleId :

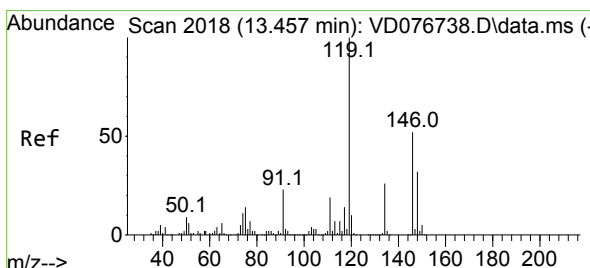
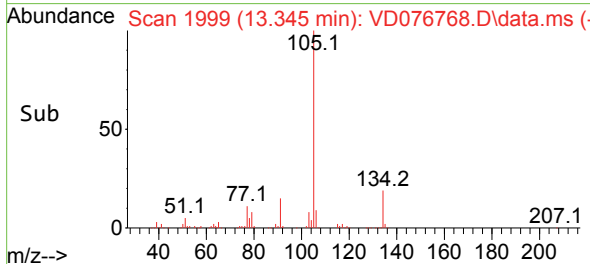
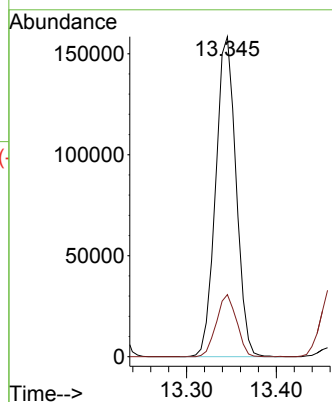
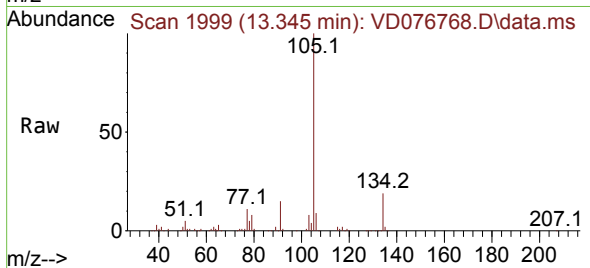
VD0718SBS01

Tgt Ion:105 Resp: 249458

Ion Ratio Lower Upper

105 100

134 19.2 10.9 32.9



#86

p-Isopropyltoluene

Concen: 21.244 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.006 min

Lab File: VD076768.D

Acq: 18 Jul 2023 10:36

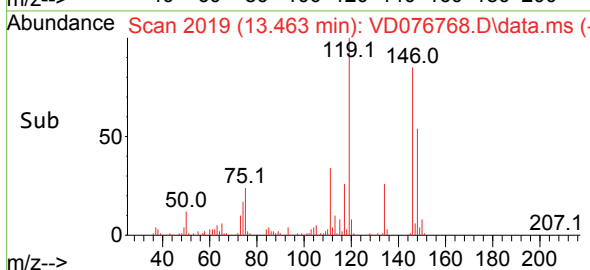
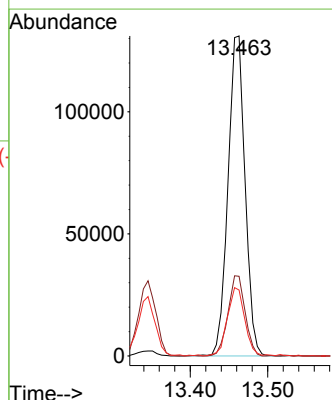
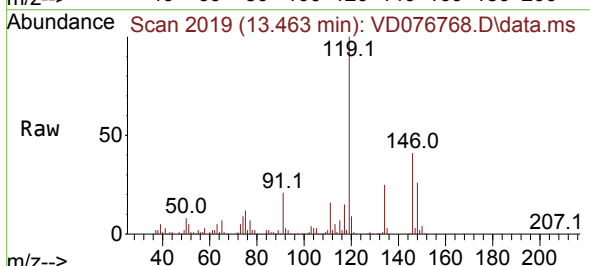
Tgt Ion:119 Resp: 201480

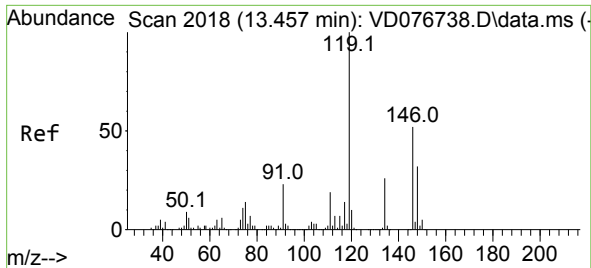
Ion Ratio Lower Upper

119 100

134 25.1 14.2 42.6

91 21.9 10.5 31.5

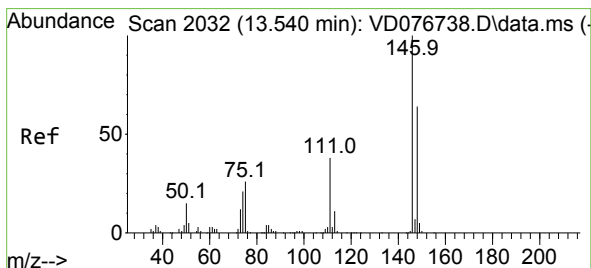
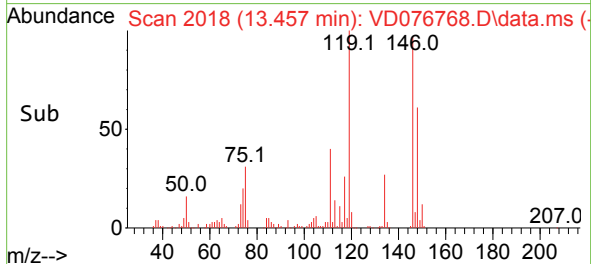
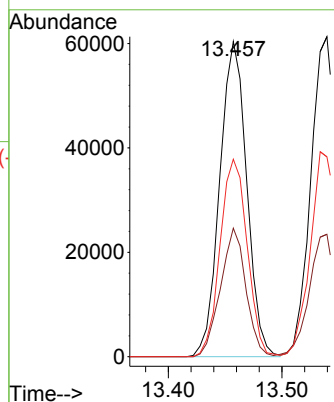
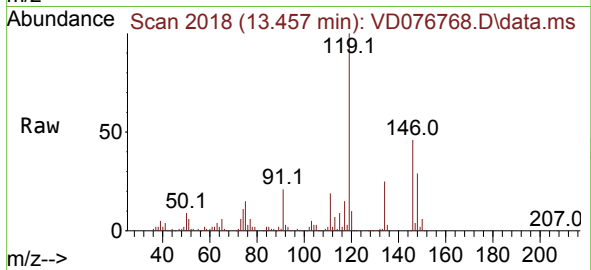




#87
1,3-Dichlorobenzene
Concen: 19.879 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD076768.D
Acq: 18 Jul 2023 10:36

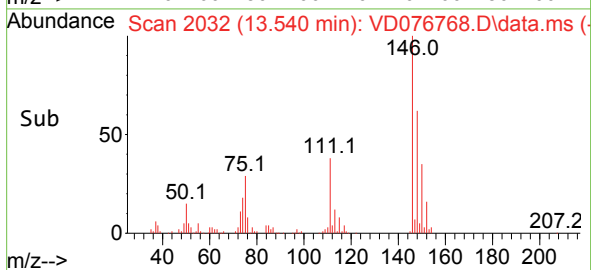
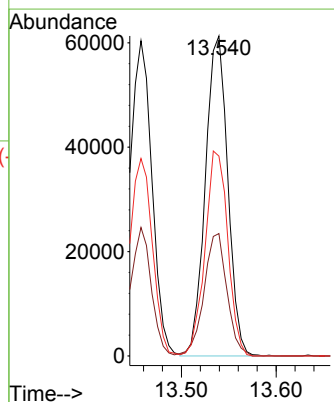
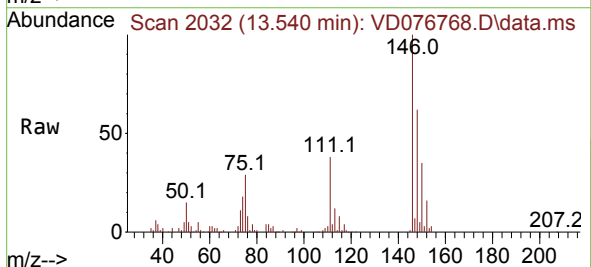
Instrument :
MSVOA_D
ClientSampleId :
VD0718SBS01

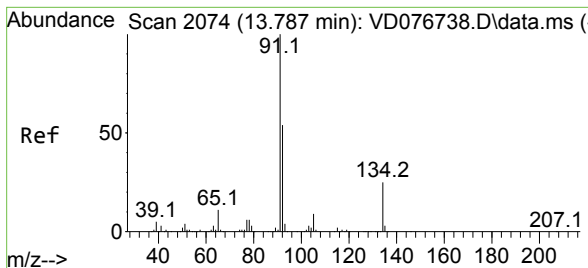
Tgt Ion:146 Resp: 99642
Ion Ratio Lower Upper
146 100
111 38.5 17.9 53.8
148 63.0 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 20.519 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD076768.D
Acq: 18 Jul 2023 10:36

Tgt Ion:146 Resp: 100764
Ion Ratio Lower Upper
146 100
111 39.3 17.4 52.3
148 65.0 31.7 95.1

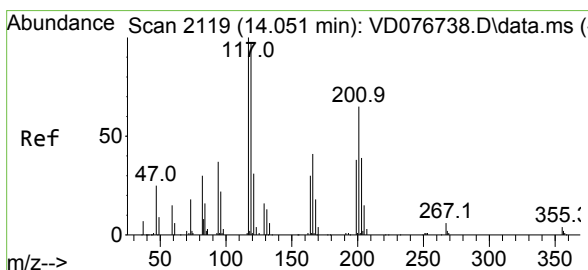
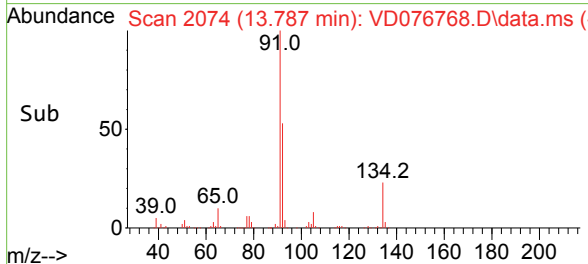
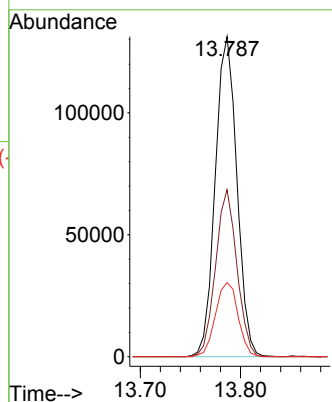
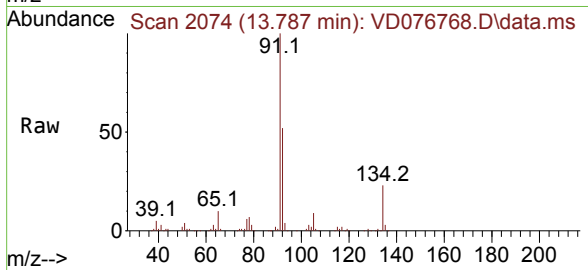




#89
n-Butylbenzene
Concen: 21.167 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. -0.000 min
Lab File: VD076768.D
Acq: 18 Jul 2023 10:36

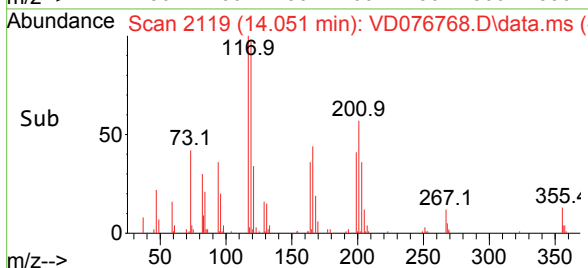
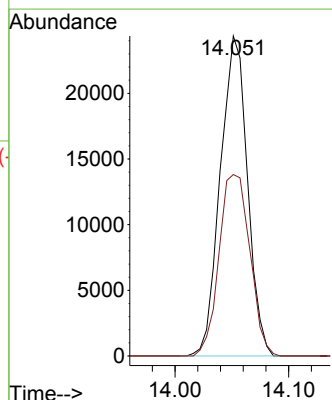
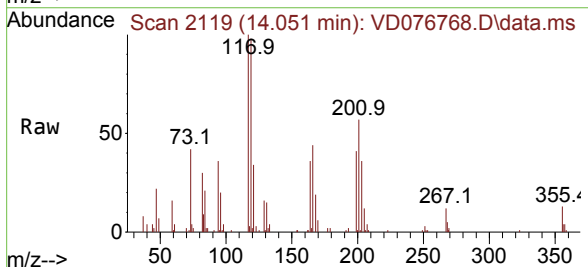
Instrument :
MSVOA_D
ClientSampleId :
VD0718SBS01

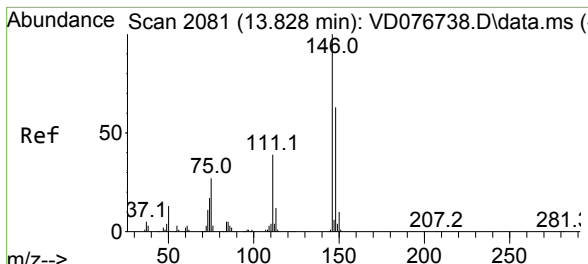
Tgt Ion: 91 Resp: 196447
Ion Ratio Lower Upper
91 100
92 51.5 26.5 79.5
134 24.2 13.8 41.3



#90
Hexachloroethane
Concen: 23.051 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VD076768.D
Acq: 18 Jul 2023 10:36

Tgt Ion: 117 Resp: 40417
Ion Ratio Lower Upper
117 100
201 64.5 38.5 115.5

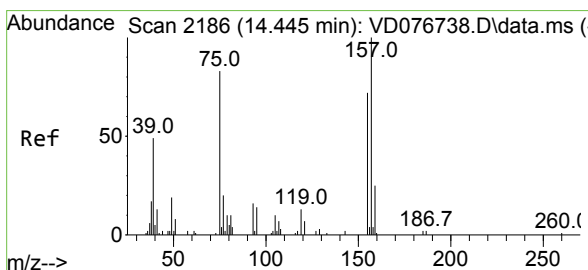
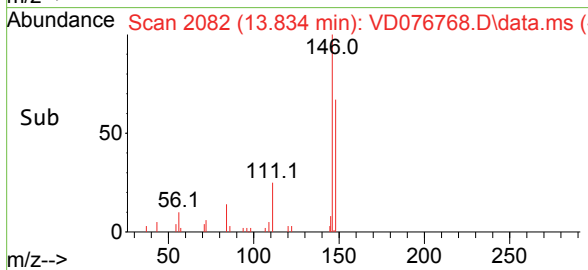
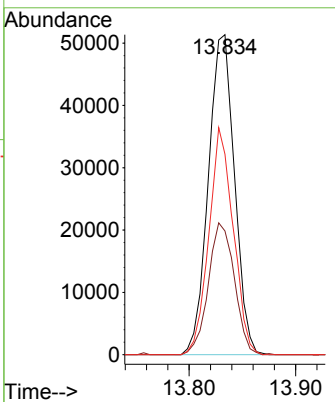
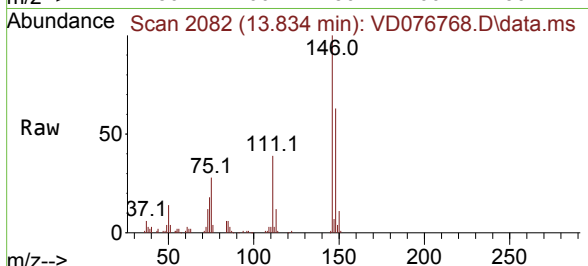




#91
 1,2-Dichlorobenzene
 Concen: 19.808 ug/l
 RT: 13.834 min Scan# 2081
 Delta R.T. 0.006 min
 Lab File: VD076768.D
 Acq: 18 Jul 2023 10:36

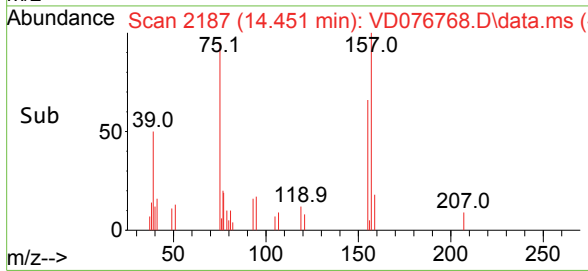
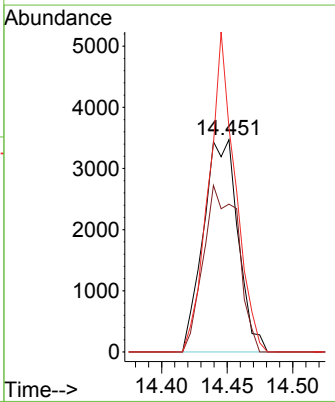
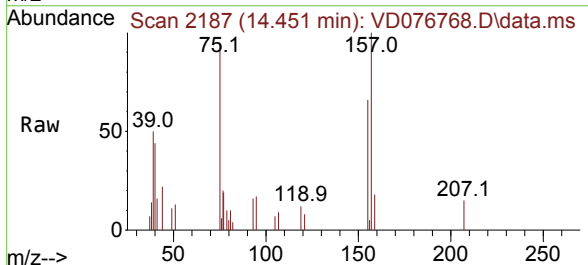
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0718SBS01

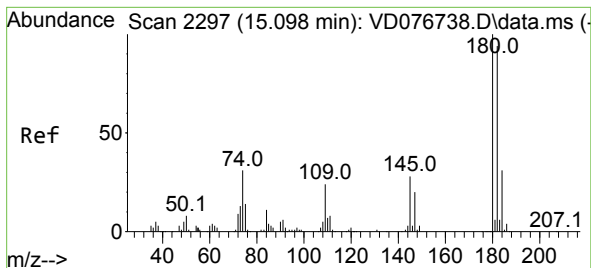
Tgt Ion:	146	Resp:	87487
Ion Ratio	Lower	Upper	
146	100		
111	41.2	18.3	54.8
148	66.1	31.6	94.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.749 ug/l
 RT: 14.451 min Scan# 2187
 Delta R.T. 0.006 min
 Lab File: VD076768.D
 Acq: 18 Jul 2023 10:36

Tgt Ion:	75	Resp:	6383
Ion Ratio	Lower	Upper	
75	100		
155	78.3	47.9	143.8
157	115.4	59.9	179.7





#93

1,2,4-Trichlorobenzene

Concen: 19.251 ug/l

RT: 15.098 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD076768.D

Acq: 18 Jul 2023 10:36

Instrument :

MSVOA_D

ClientSampleId :

VD0718SBS01

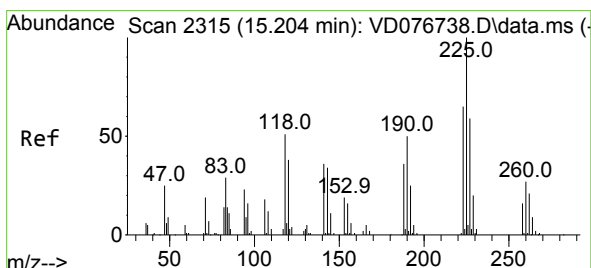
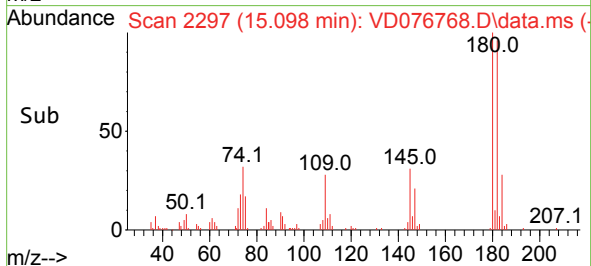
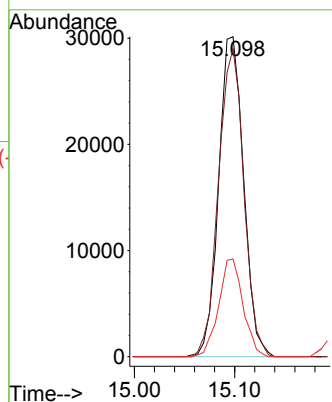
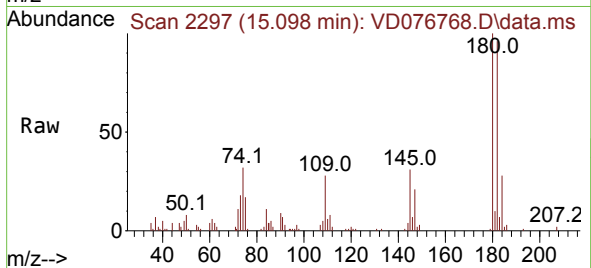
Tgt Ion:180 Resp: 51909

Ion Ratio Lower Upper

180 100

182 97.9 48.5 145.6

145 29.9 14.2 42.6



#94

Hexachlorobutadiene

Concen: 20.980 ug/l

RT: 15.198 min Scan# 2314

Delta R.T. -0.006 min

Lab File: VD076768.D

Acq: 18 Jul 2023 10:36

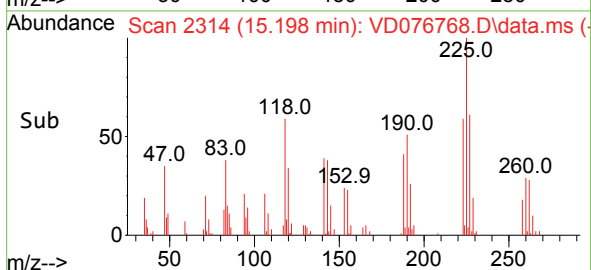
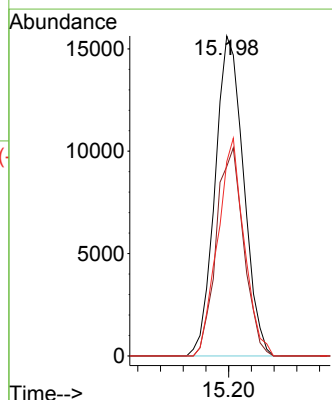
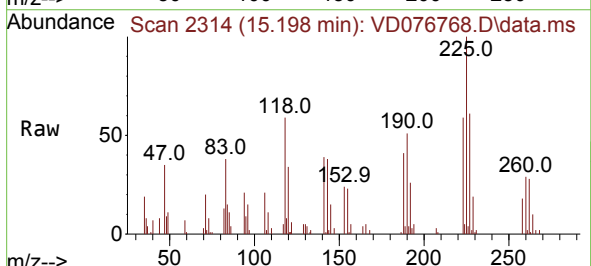
Tgt Ion:225 Resp: 27207

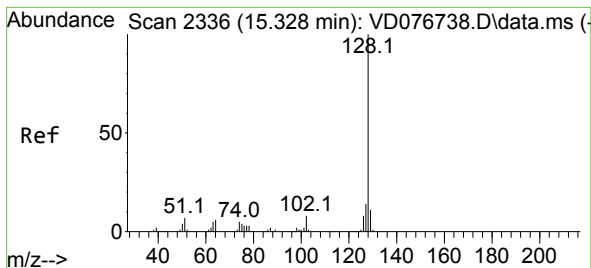
Ion Ratio Lower Upper

225 100

223 62.7 31.6 94.8

227 63.5 31.7 95.1





#95

Naphthalene

Concen: 18.242 ug/l

RT: 15.328 min Scan# 21

Delta R.T. -0.000 min

Lab File: VD076768.D

Acq: 18 Jul 2023 10:36

Instrument :

MSVOA_D

ClientSampleId :

VD0718SBS01

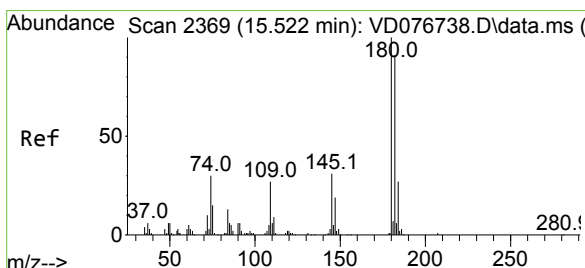
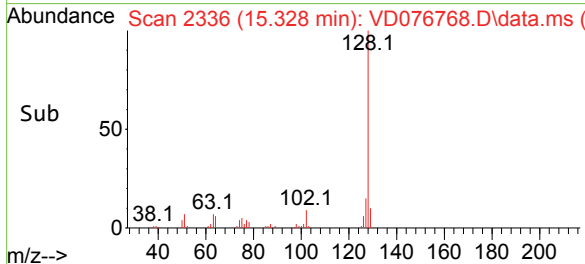
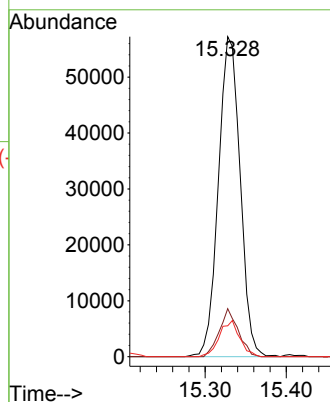
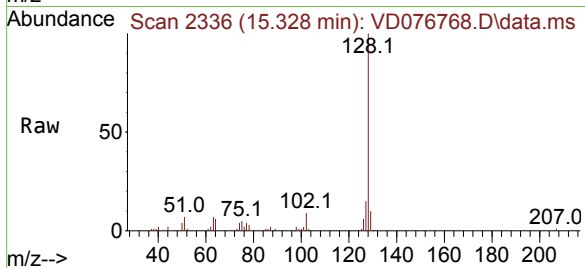
Tgt Ion:128 Resp: 106505

Ion Ratio Lower Upper

128 100

127 15.0 10.5 15.7

129 9.6 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 19.208 ug/l

RT: 15.516 min Scan# 2368

Delta R.T. -0.006 min

Lab File: VD076768.D

Acq: 18 Jul 2023 10:36

Tgt Ion:180 Resp: 46478

Ion Ratio Lower Upper

180 100

182 94.8 47.3 141.9

145 33.1 15.1 45.3

