

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062323\
 Data File : VD076573.D
 Acq On : 23 Jun 2023 22:33
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 24 01:03:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 19 04:51:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	114661	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	197820	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	186929	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	92828	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	59933	52.170	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.340%	
35) Dibromofluoromethane	7.805	113	62704	53.357	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.720%	
50) Toluene-d8	10.269	98	217320	48.761	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.520%	
62) 4-Bromofluorobenzene	12.575	95	75453	52.165	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 104.320%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.928	85	42910	49.250	ug/l	90
3) Chloromethane	2.146	50	82128	45.324	ug/l	96
4) Vinyl Chloride	2.275	62	94214	46.610	ug/l	95
5) Bromomethane	2.687	94	56126	42.705	ug/l	98
6) Chloroethane	2.828	64	67570	48.773	ug/l	94
7) Trichlorofluoromethane	3.164	101	92697	55.726	ug/l	89
8) Diethyl Ether	3.587	74	31569	50.427	ug/l	74
9) 1,1,2-Trichlorotrifluo...	3.964	101	55346	51.663	ug/l	97
10) Methyl Iodide	4.158	142	68899	54.248	ug/l #	89
11) Tert butyl alcohol	5.052	59	23416	236.077	ug/l	97
12) 1,1-Dichloroethene	3.934	96	52478	50.017	ug/l #	83
13) Acrolein	3.793	56	20081	187.961	ug/l	95
14) Allyl chloride	4.558	41	88475	46.110	ug/l #	84
15) Acrylonitrile	5.252	53	82420	256.028	ug/l	96
16) Acetone	4.022	43	60894	222.752	ug/l #	77
17) Carbon Disulfide	4.269	76	128616	44.866	ug/l	99
18) Methyl Acetate	4.558	43	62003	49.215	ug/l #	85
19) Methyl tert-butyl Ether	5.311	73	151831	52.904	ug/l	94
20) Methylene Chloride	4.799	84	79589	52.298	ug/l #	73
21) trans-1,2-Dichloroethene	5.305	96	61204	50.471	ug/l	94
22) Diisopropyl ether	6.211	45	201511	48.569	ug/l #	92
23) Vinyl Acetate	6.152	43	500230	243.239	ug/l #	89
24) 1,1-Dichloroethane	6.111	63	120300	51.924	ug/l	95
25) 2-Butanone	7.087	43	98597	233.188	ug/l #	76
26) 2,2-Dichloropropane	7.075	77	90613	45.363	ug/l	95
27) cis-1,2-Dichloroethene	7.075	96	75617	51.523	ug/l	87
28) Bromochloromethane	7.428	49	32056	47.942	ug/l #	70
29) Tetrahydrofuran	7.446	42	66656	245.305	ug/l #	77
30) Chloroform	7.593	83	123818	53.973	ug/l	94
31) Cyclohexane	7.875	56	82547	46.294	ug/l	87
32) 1,1,1-Trichloroethane	7.793	97	103209	55.656	ug/l	97
36) 1,1-Dichloropropene	8.010	75	82734	50.273	ug/l	96
37) Ethyl Acetate	7.175	43	46964	49.248	ug/l #	93
38) Carbon Tetrachloride	7.987	117	84111	57.183	ug/l	96
39) Methylcyclohexane	9.269	83	92708	48.004	ug/l #	89
40) Benzene	8.252	78	251941	50.201	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	27043	50.219	ug/l #	82
42) 1,2-Dichloroethane	8.328	62	78115	57.604	ug/l	93
43) Isopropyl Acetate	8.363	43	88804	49.188	ug/l #	86
44) Trichloroethene	9.028	130	68925	50.912	ug/l	96
45) 1,2-Dichloropropane	9.304	63	69143	50.814	ug/l	95
46) Dibromomethane	9.393	93	38570	52.913	ug/l	96
47) Bromodichloromethane	9.587	83	96962	55.586	ug/l	97
48) Methyl methacrylate	9.381	41	40443	48.874	ug/l #	72
49) 1,4-Dioxane	9.387	88	10222	1170.415	ug/l #	83
51) 4-Methyl-2-Pentanone	10.157	43	240565	260.668	ug/l #	83
52) Toluene	10.334	92	166300	52.805	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	92766	52.408	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	105483	50.264	ug/l #	78
55) 1,1,2-Trichloroethane	10.734	97	52460	51.450	ug/l	94
56) Ethyl methacrylate	10.599	69	71182	53.467	ug/l #	73
57) 1,3-Dichloropropane	10.881	76	91807	52.590	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	136569	241.959	ug/l	94
59) 2-Hexanone	10.922	43	158072	246.235	ug/l	85
60) Dibromochloromethane	11.075	129	68386	57.631	ug/l	96
61) 1,2-Dibromoethane	11.181	107	50336	52.589	ug/l	99
64) Tetrachloroethene	10.810	164	57922	51.621	ug/l #	88
65) Chlorobenzene	11.604	112	182937	51.513	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	69796	54.955	ug/l	94
67) Ethyl Benzene	11.681	91	325411	51.714	ug/l	98
68) m/p-Xylenes	11.793	106	247554	100.781	ug/l	89
69) o-Xylene	12.122	106	119791	51.231	ug/l	92
70) Styrene	12.134	104	207425	51.354	ug/l	94
71) Bromoform	12.298	173	42729	56.033	ug/l #	97
73) Isopropylbenzene	12.422	105	312632	50.022	ug/l	98
74) N-amyl acetate	12.234	43	82091	44.866	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.675	83	66087	51.243	ug/l	96
76) 1,2,3-Trichloropropane	12.722	75	80786	87.688	ug/l #	100
77) Bromobenzene	12.698	156	76383	49.538	ug/l	88
78) n-propylbenzene	12.763	91	378207	49.010	ug/l	97
79) 2-Chlorotoluene	12.851	91	211017	49.796	ug/l	96
80) 1,3,5-Trimethylbenzene	12.904	105	256785	50.311	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.463	75	17853	42.462	ug/l #	86
82) 4-Chlorotoluene	12.945	91	223178	50.712	ug/l	93
83) tert-Butylbenzene	13.169	119	229643	50.637	ug/l	94
84) 1,2,4-Trimethylbenzene	13.210	105	265394	51.598	ug/l	93
85) sec-Butylbenzene	13.345	105	338624	50.315	ug/l	97
86) p-Isopropyltoluene	13.457	119	277504	49.347	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	149781	49.453	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	147983	48.990	ug/l	97
89) n-Butylbenzene	13.787	91	267923	48.847	ug/l	98
90) Hexachloroethane	14.051	117	49730	47.921	ug/l	98
91) 1,2-Dichlorobenzene	13.834	146	132303	49.989	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.445	75	10235	52.725	ug/l	98
93) 1,2,4-Trichlorobenzene	15.098	180	82929	47.016	ug/l	98
94) Hexachlorobutadiene	15.204	225	43451	50.670	ug/l	98
95) Naphthalene	15.334	128	177024	50.190	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	73871	48.070	ug/l	98

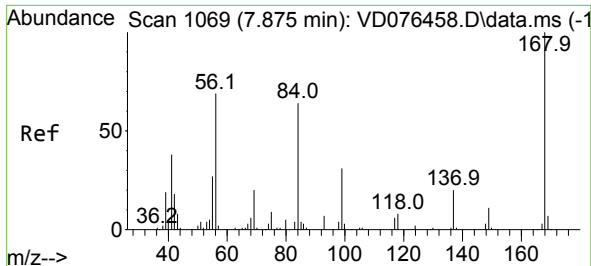
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062323\
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Quant Title : SW846 8260
QLast Update : Mon Jun 19 04:51:45 2023
Response via : Initial Calibration

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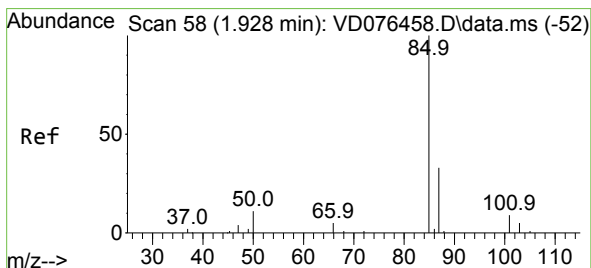
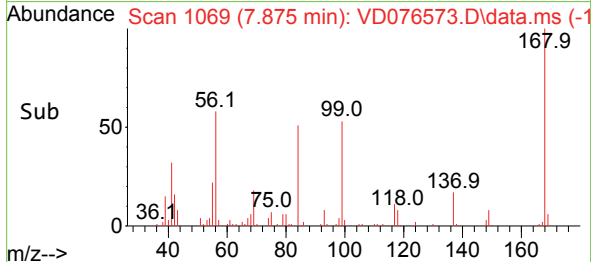
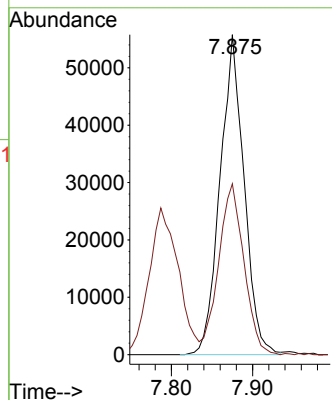
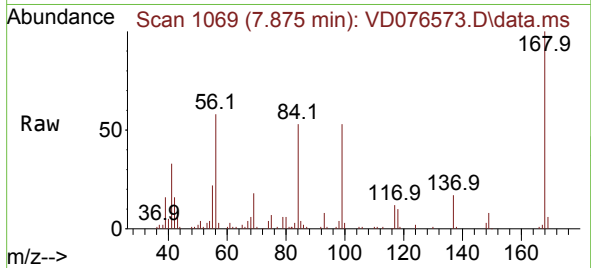
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076573.D
Acq: 23 Jun 2023 22:33

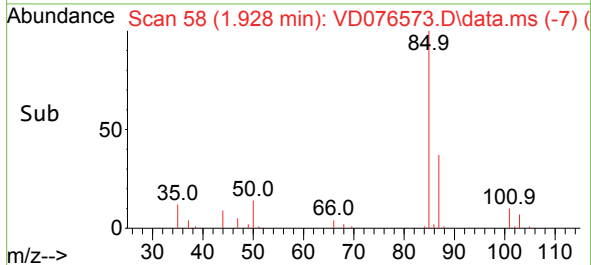
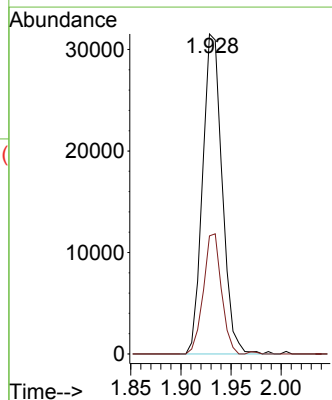
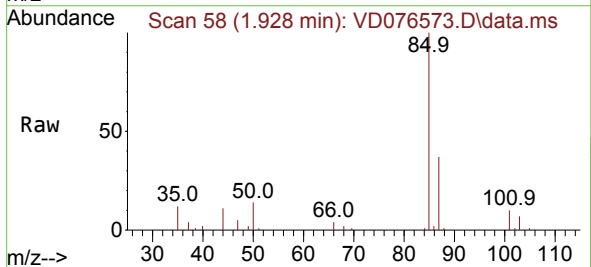
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ClientSampleId :
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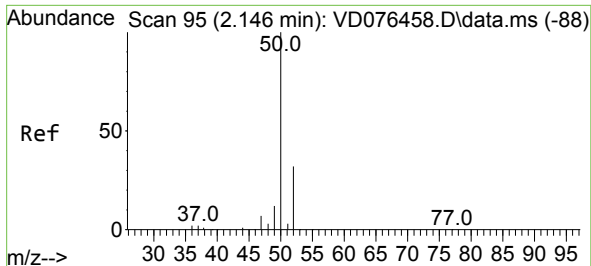
Tgt Ion:168 Resp: 114661
Ion Ratio Lower Upper
168 100
99 53.4 36.7 55.1



#2
Dichlorodifluoromethane
Concen: 49.250 ug/l
RT: 1.928 min Scan# 58
Delta R.T. -0.000 min
Lab File: VD076573.D
Acq: 23 Jun 2023 22:33

Tgt Ion: 85 Resp: 42910
Ion Ratio Lower Upper
85 100
87 36.9 15.7 47.0

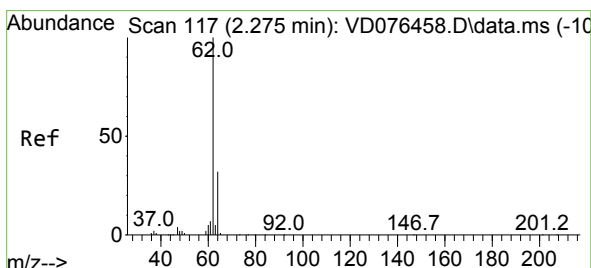
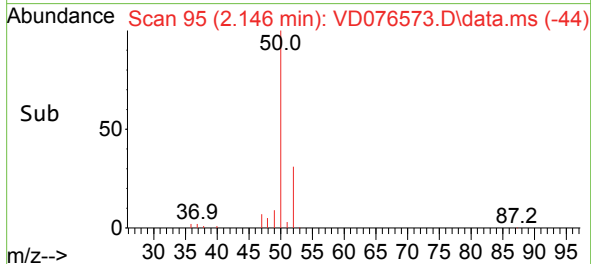
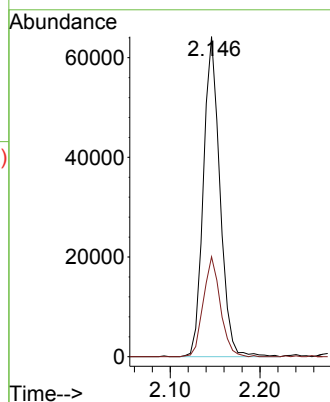
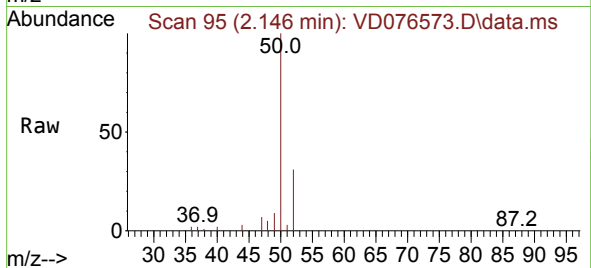




#3
Chloromethane
Concen: 45.324 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076573.D
Acq: 23 Jun 2023 22:33

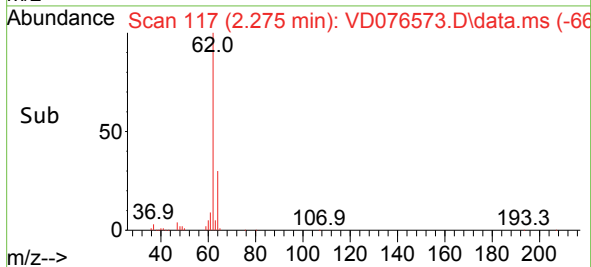
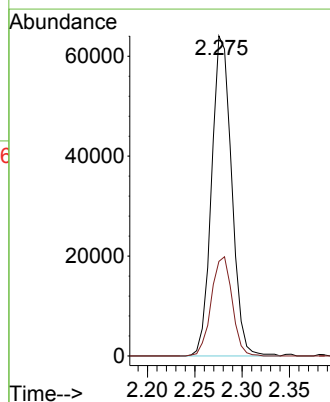
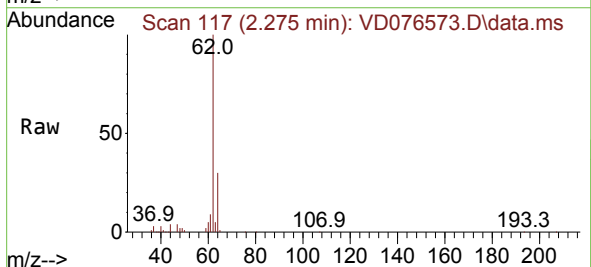
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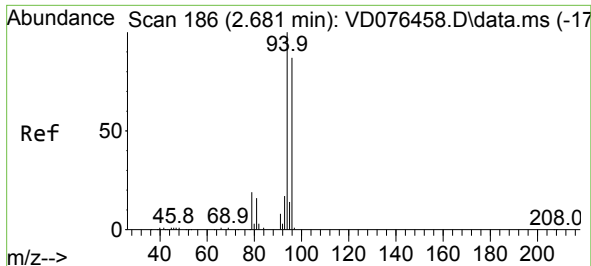
Tgt Ion: 50 Resp: 82128
Ion Ratio Lower Upper
50 100
52 31.2 26.6 40.0



#4
Vinyl Chloride
Concen: 46.610 ug/l
RT: 2.275 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD076573.D
Acq: 23 Jun 2023 22:33

Tgt Ion: 62 Resp: 94214
Ion Ratio Lower Upper
62 100
64 29.6 26.0 39.0

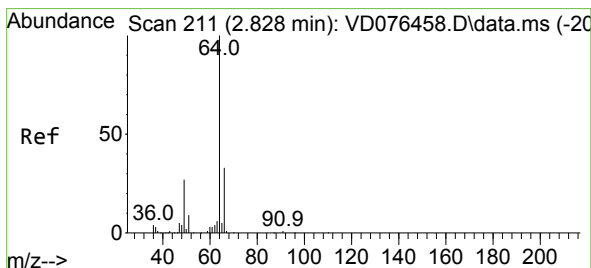
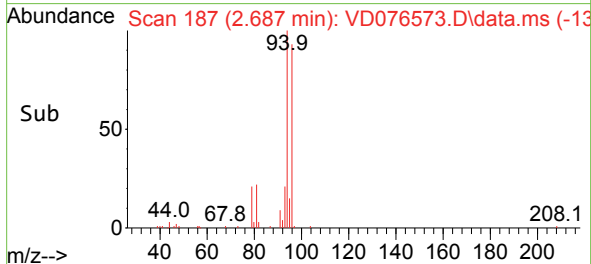
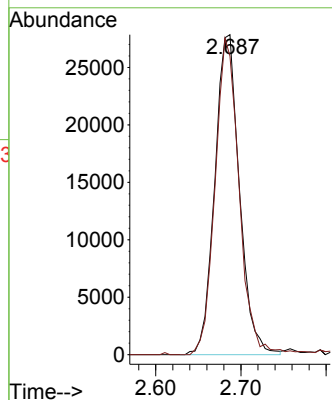
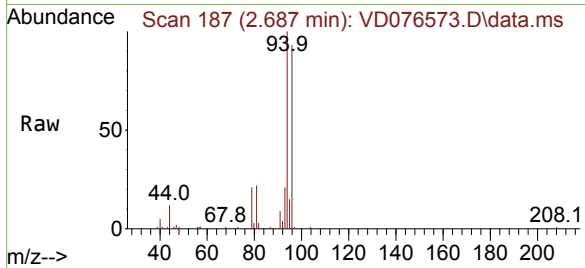




#5
Bromomethane
Concen: 42.705 ug/l
RT: 2.687 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD076573.D
Acq: 23 Jun 2023 22:33

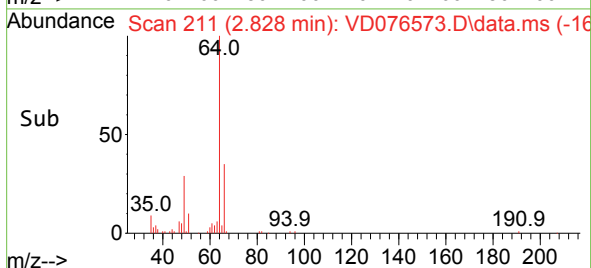
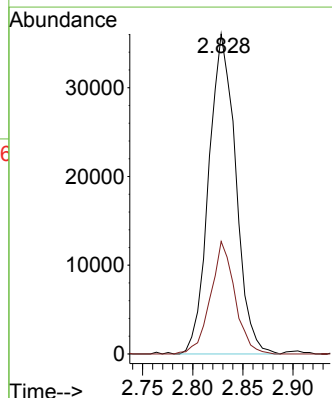
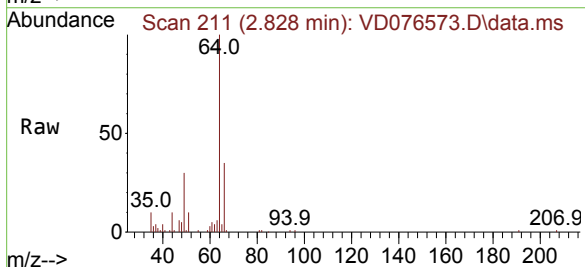
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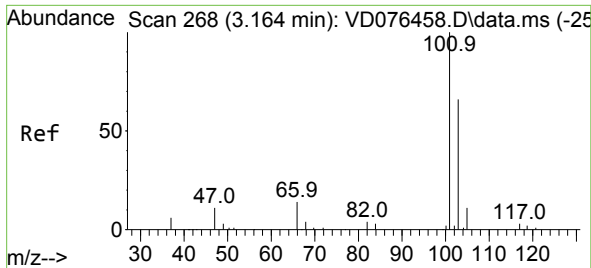
Tgt Ion: 94 Resp: 56126
Ion Ratio Lower Upper
94 100
96 97.0 75.8 113.8



#6
Chloroethane
Concen: 48.773 ug/l
RT: 2.828 min Scan# 211
Delta R.T. -0.000 min
Lab File: VD076573.D
Acq: 23 Jun 2023 22:33

Tgt Ion: 64 Resp: 67570
Ion Ratio Lower Upper
64 100
66 35.1 25.5 38.3

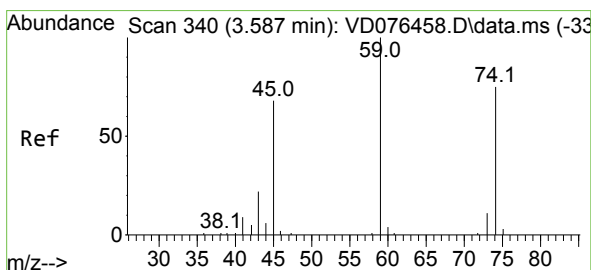
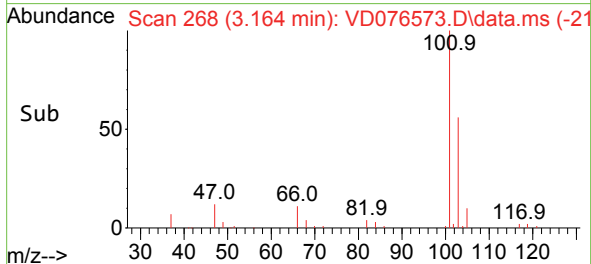
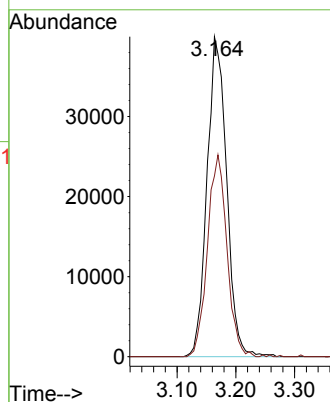
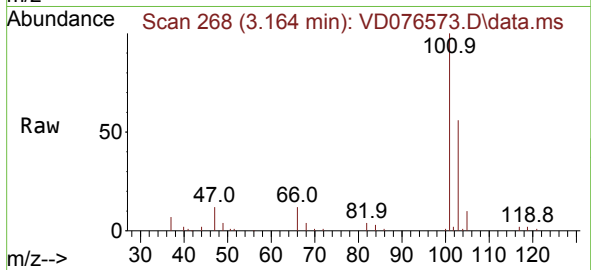




#7
Trichlorofluoromethane
Concen: 55.726 ug/l
RT: 3.164 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD076573.D
Acq: 23 Jun 2023 22:33

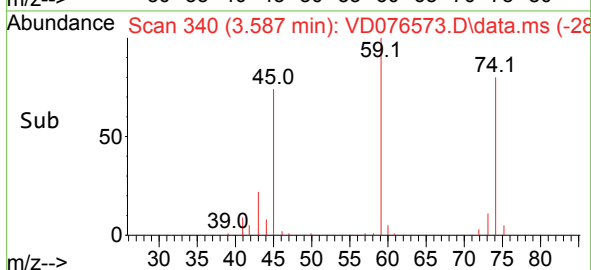
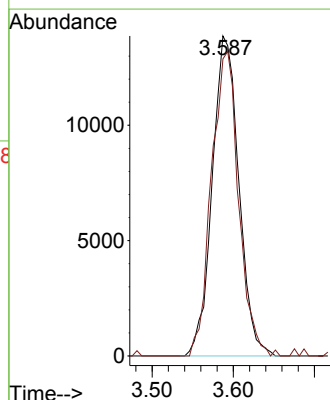
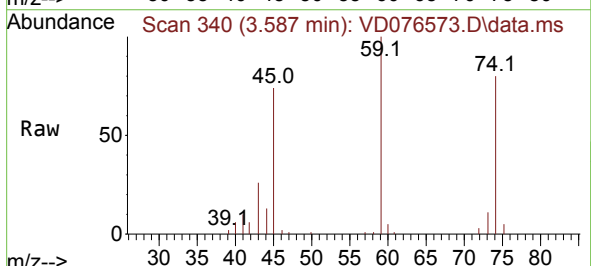
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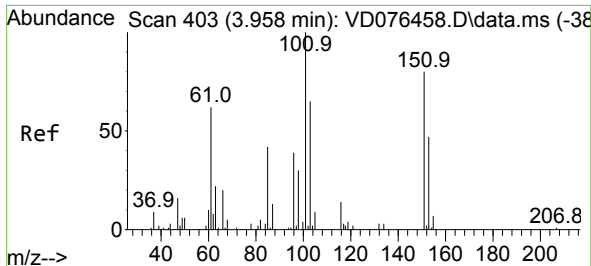
Tgt Ion:101 Resp: 92697
Ion Ratio Lower Upper
101 100
103 56.5 52.3 78.5



#8
Diethyl Ether
Concen: 50.427 ug/l
RT: 3.587 min Scan# 340
Delta R.T. -0.000 min
Lab File: VD076573.D
Acq: 23 Jun 2023 22:33

Tgt Ion: 74 Resp: 31569
Ion Ratio Lower Upper
74 100
45 97.2 37.5 112.7

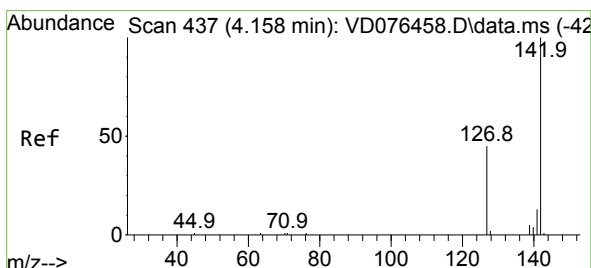
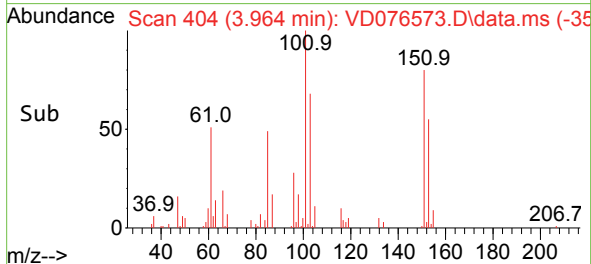
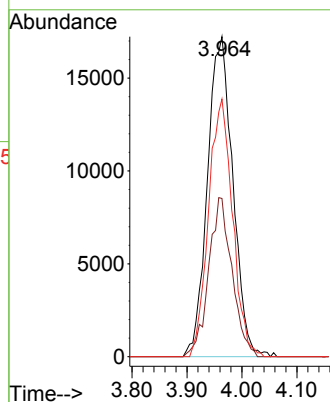
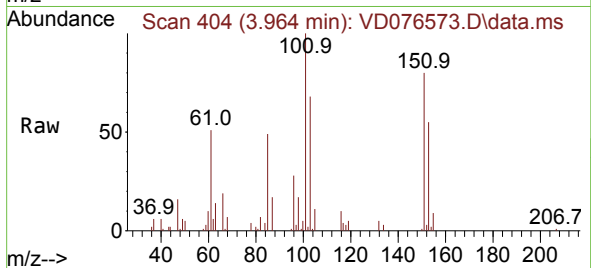




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.663 ug/l
RT: 3.964 min Scan# 404
Delta R.T. 0.006 min
Lab File: VD076573.D
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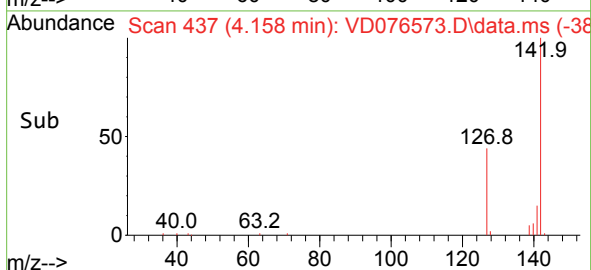
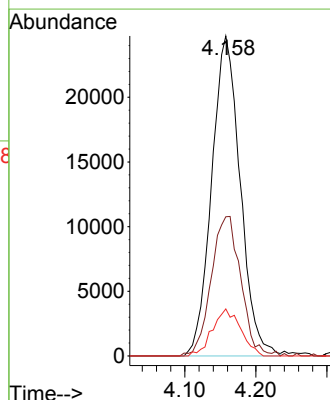
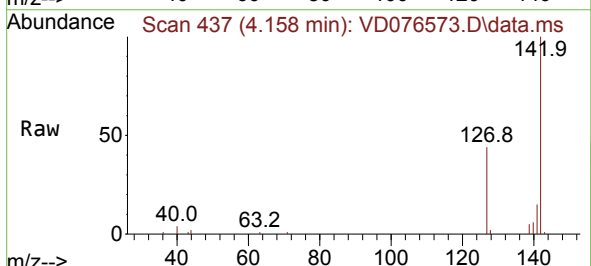
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

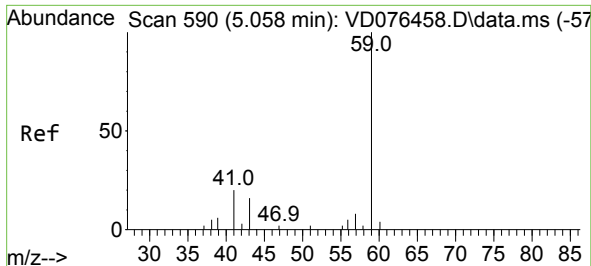
Tgt Ion:101 Resp: 55346
Ion Ratio Lower Upper
101 100
85 45.6 33.8 50.6
151 76.1 59.8 89.6



#10
Methyl Iodide
Concen: 54.248 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.000 min
Lab File: VD076573.D
Acq: 23 Jun 2023 22:33

Tgt Ion:142 Resp: 68899
Ion Ratio Lower Upper
142 100
127 45.3 29.4 44.0#
141 14.6 11.1 16.7

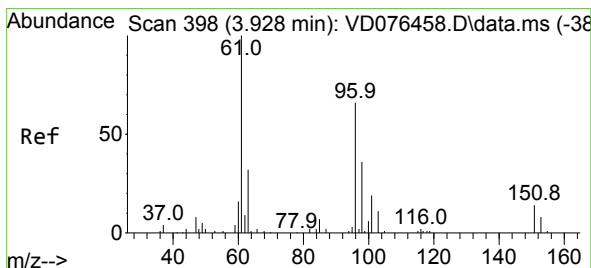
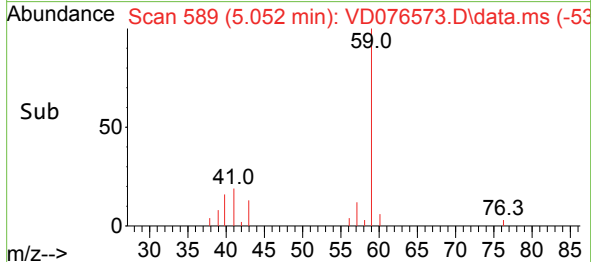
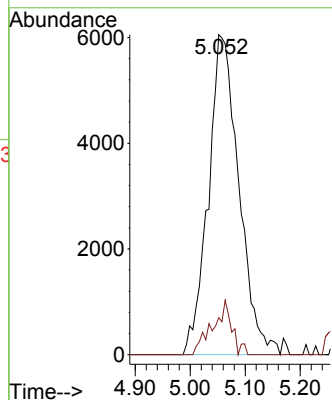
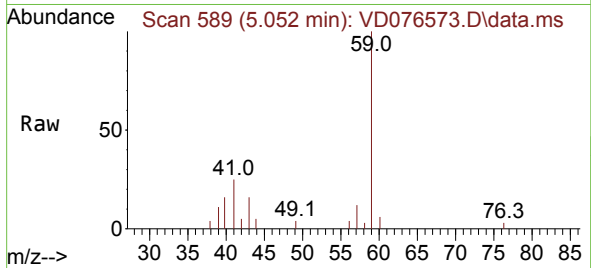




#11
Tert butyl alcohol
Concen: 236.077 ug/l
RT: 5.052 min Scan# 59
Delta R.T. -0.006 min
Lab File: VD076573.D
Acq: 23 Jun 2023 22:33

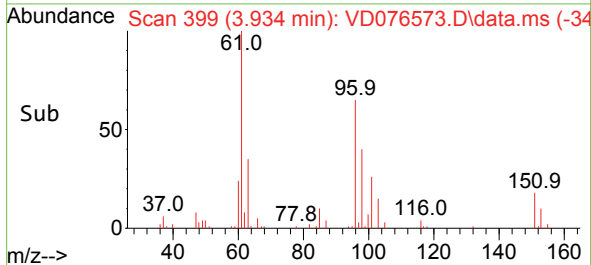
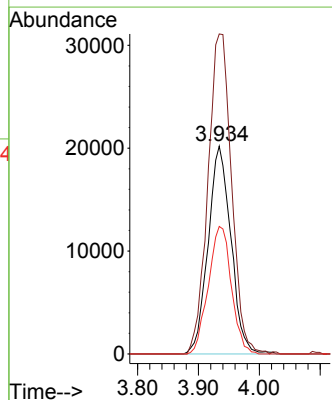
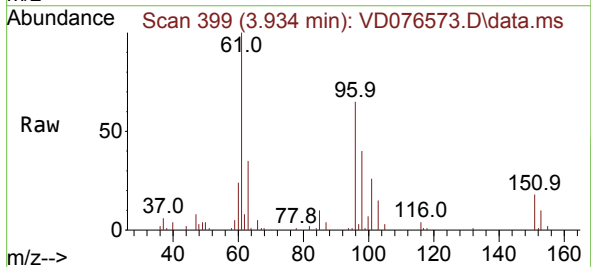
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

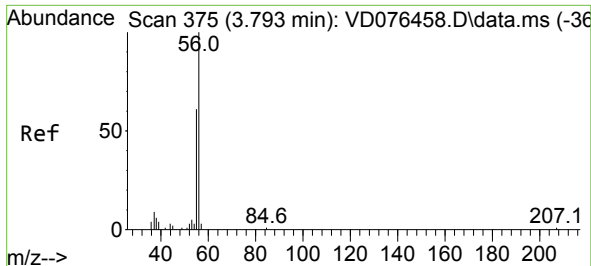
Tgt Ion: 59 Resp: 23416
Ion Ratio Lower Upper
59 100
57 10.7 7.8 11.8



#12
1,1-Dichloroethene
Concen: 50.017 ug/l
RT: 3.934 min Scan# 399
Delta R.T. 0.006 min
Lab File: VD076573.D
Acq: 23 Jun 2023 22:33

Tgt Ion: 96 Resp: 52478
Ion Ratio Lower Upper
96 100
61 154.0 100.6 150.8#
98 61.4 50.2 75.2

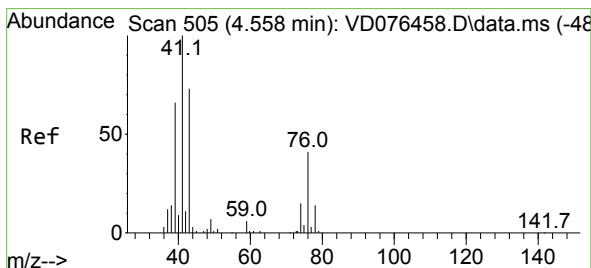
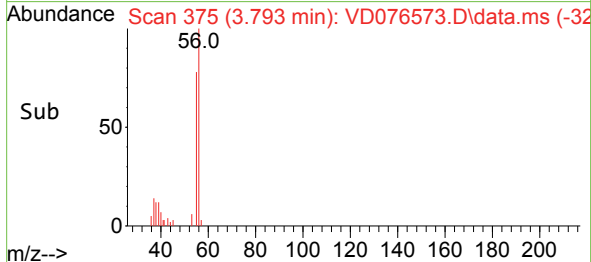
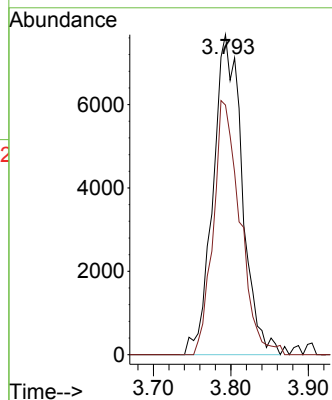
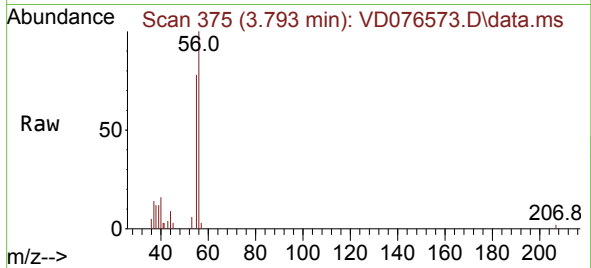




#13
Acrolein
Concen: 187.961 ug/l
RT: 3.793 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD076573.D
Acq: 23 Jun 2023 22:33

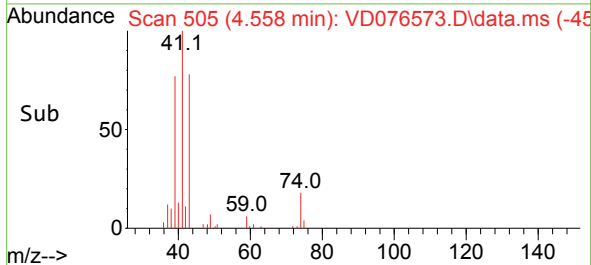
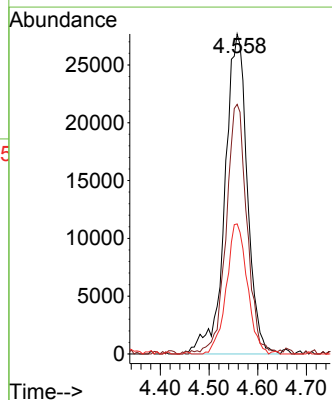
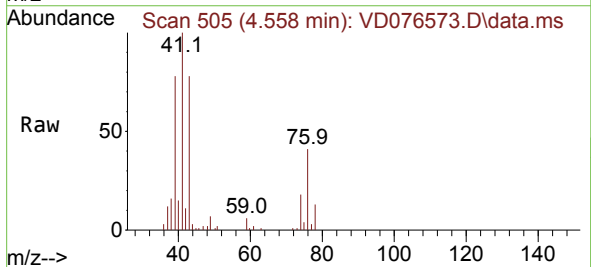
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

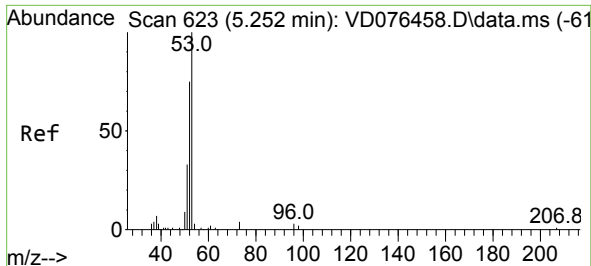
Tgt Ion: 56 Resp: 20081
Ion Ratio Lower Upper
56 100
55 73.1 55.1 82.7



#14
Allyl chloride
Concen: 46.110 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.000 min
Lab File: VD076573.D
Acq: 23 Jun 2023 22:33

Tgt Ion: 41 Resp: 88475
Ion Ratio Lower Upper
41 100
39 72.4 53.8 80.6
76 37.9 45.8 68.8#

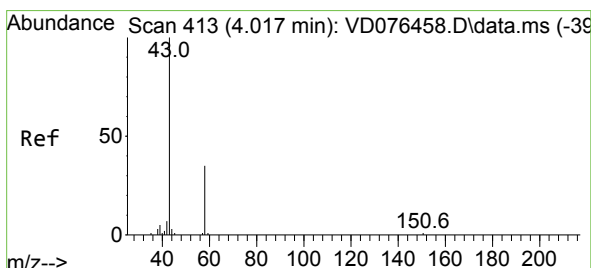
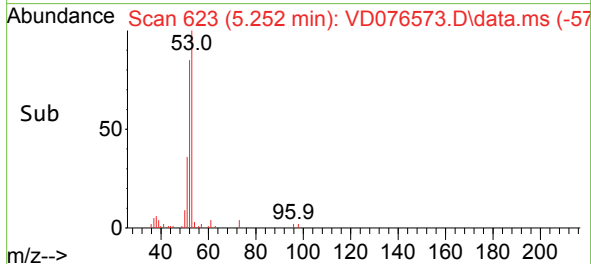
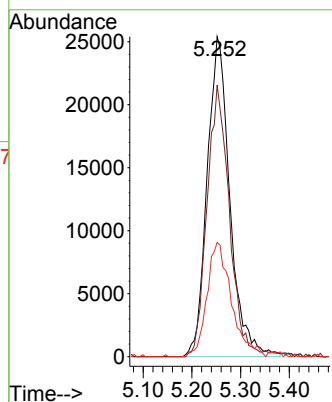
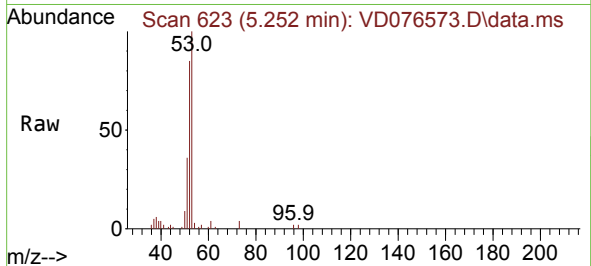




#15
Acrylonitrile
Concen: 256.028 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD076573.D
Acq: 23 Jun 2023 22:33

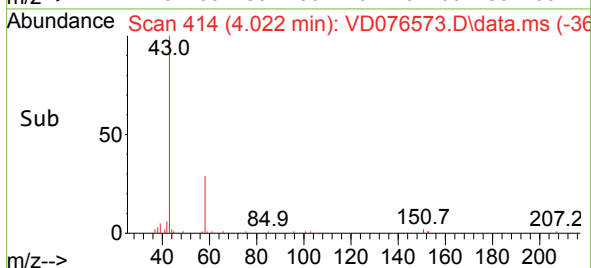
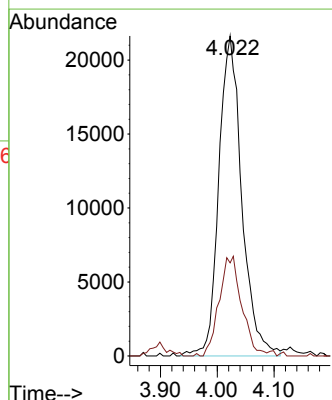
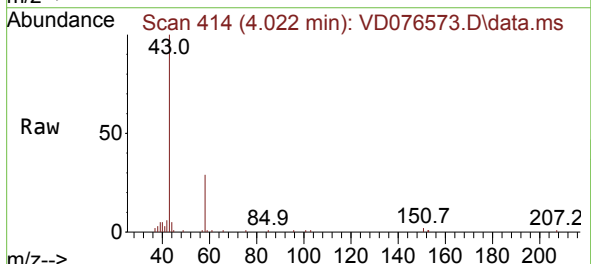
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

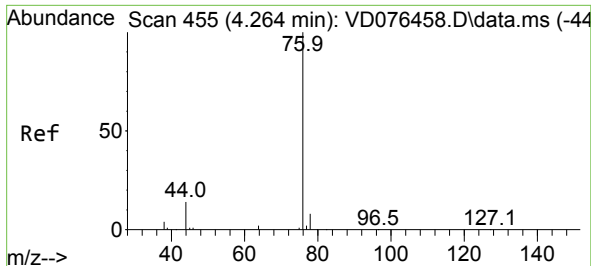
Tgt Ion:	53	Resp:	82420
Ion	Ratio	Lower	Upper
53	100		
52	83.9	65.0	97.4
51	38.4	28.3	42.5



#16
Acetone
Concen: 222.752 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.006 min
Lab File: VD076573.D
Acq: 23 Jun 2023 22:33

Tgt Ion:	43	Resp:	60894
Ion	Ratio	Lower	Upper
43	100		
58	28.4	34.7	52.1#





#17

Carbon Disulfide

Concen: 44.866 ug/l

RT: 4.269 min Scan# 4

Delta R.T. 0.006 min

Lab File: VD076573.D

Acq: 23 Jun 2023 22:33

Instrument :

MSVOA_D

ClientSampleId :

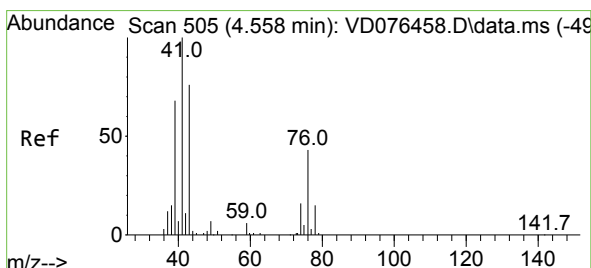
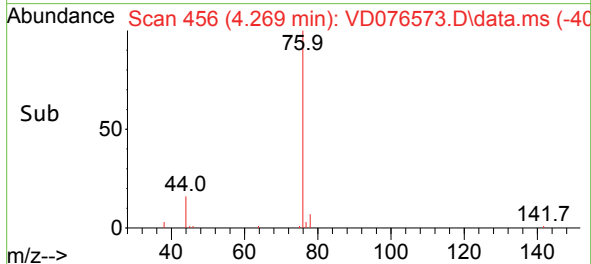
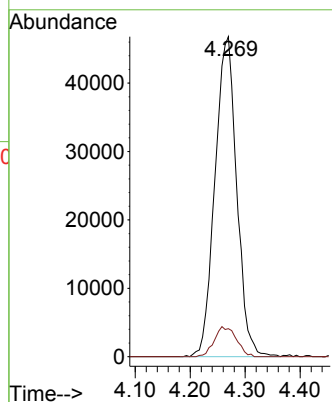
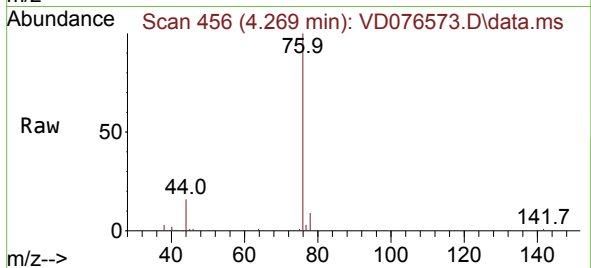
VSTDCCC050EC

Tgt Ion: 76 Resp: 128616

Ion Ratio Lower Upper

76 100

78 8.8 6.8 10.2



#18

Methyl Acetate

Concen: 49.215 ug/l

RT: 4.558 min Scan# 505

Delta R.T. -0.000 min

Lab File: VD076573.D

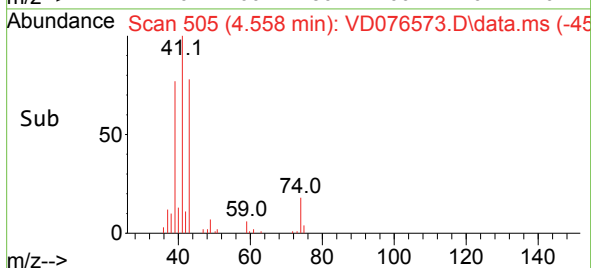
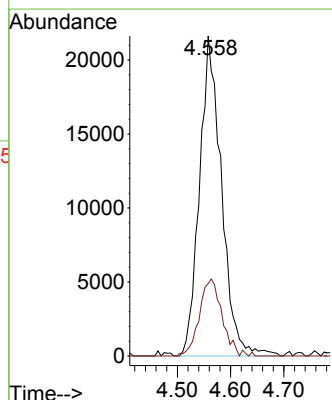
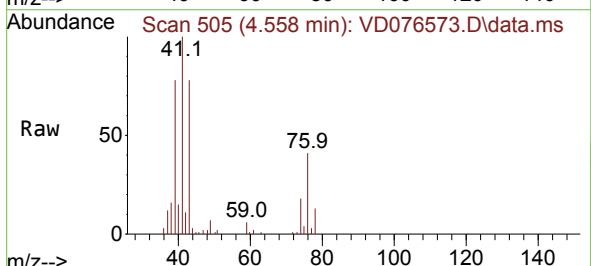
Acq: 23 Jun 2023 22:33

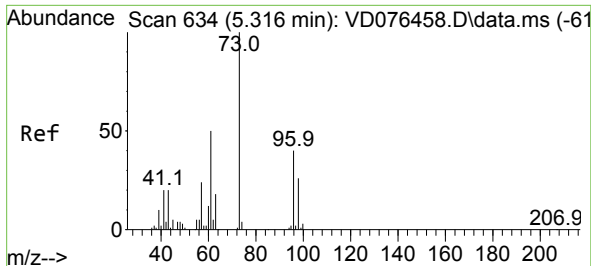
Tgt Ion: 43 Resp: 62003

Ion Ratio Lower Upper

43 100

74 24.4 26.4 39.6#





#19

Methyl tert-butyl Ether

Concen: 52.904 ug/l

RT: 5.311 min Scan# 61

Delta R.T. -0.006 min

Lab File: VD076573.D

Acq: 23 Jun 2023 22:33

Instrument :

MSVOA_D

ClientSampleId :

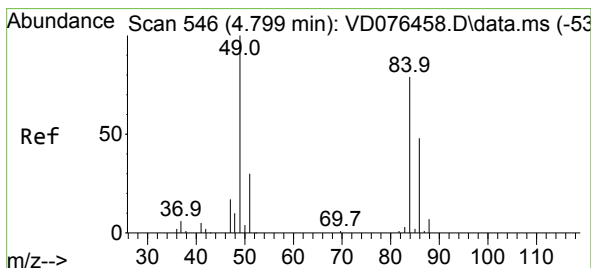
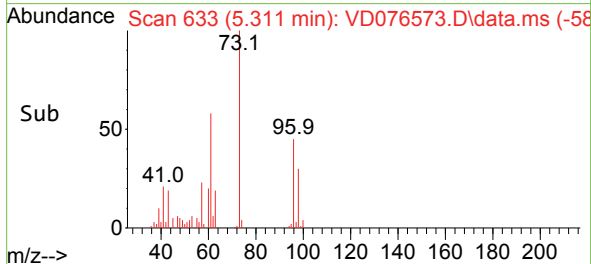
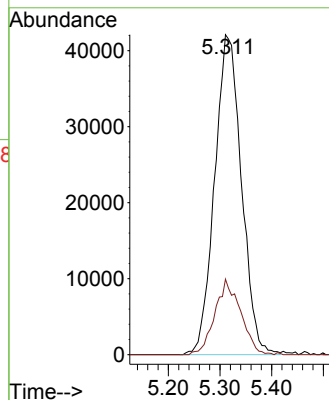
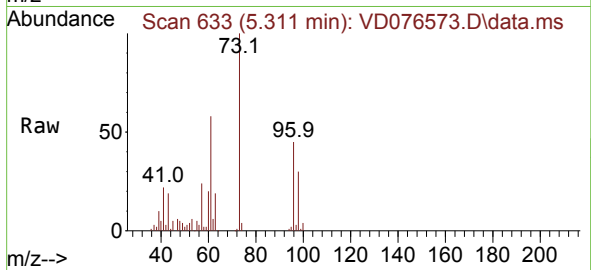
VSTDCCC050EC

Tgt Ion: 73 Resp: 151831

Ion Ratio Lower Upper

73 100

57 23.6 16.6 25.0



#20

Methylene Chloride

Concen: 52.298 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.000 min

Lab File: VD076573.D

Acq: 23 Jun 2023 22:33

Tgt Ion: 84 Resp: 79589

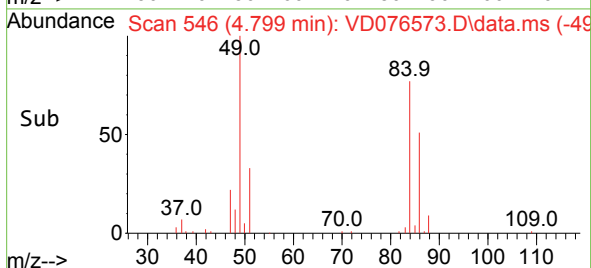
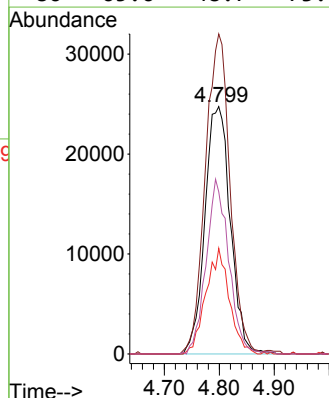
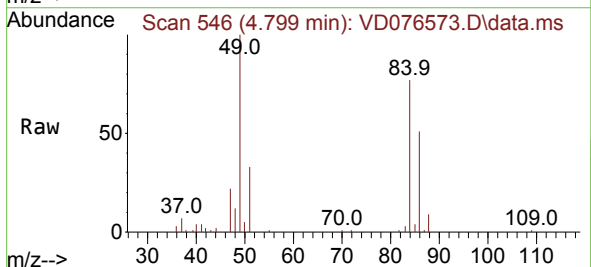
Ion Ratio Lower Upper

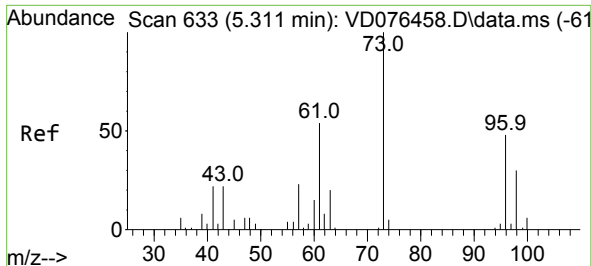
84 100

49 129.4 71.4 107.2#

51 42.7 24.5 36.7#

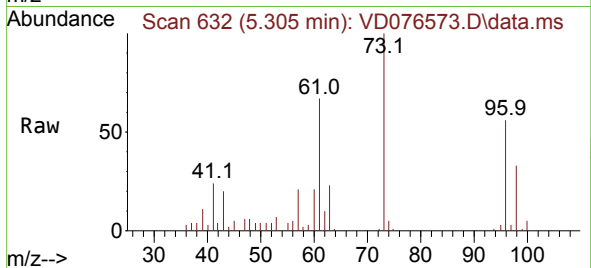
86 65.6 48.7 73.1



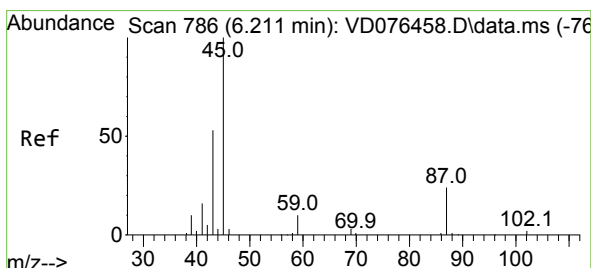
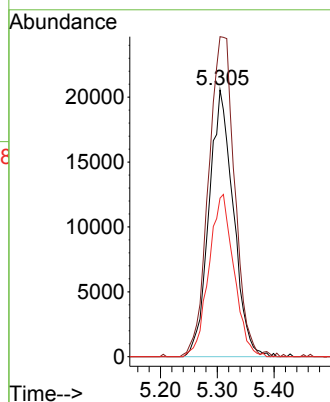
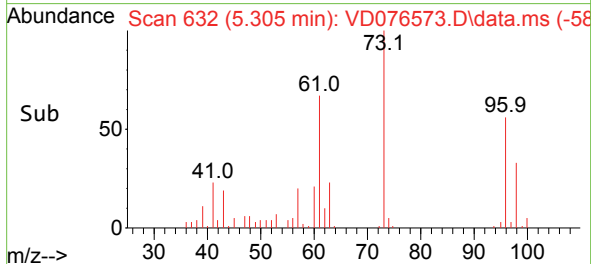


#21
trans-1,2-Dichloroethene
Concen: 50.471 ug/l
RT: 5.305 min Scan# 612
Delta R.T. -0.006 min
Lab File: VD076573.D
Acq: 23 Jun 2023 22:33

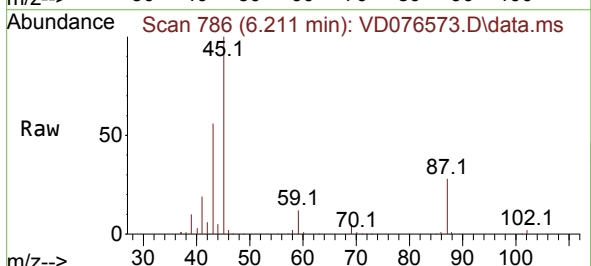
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



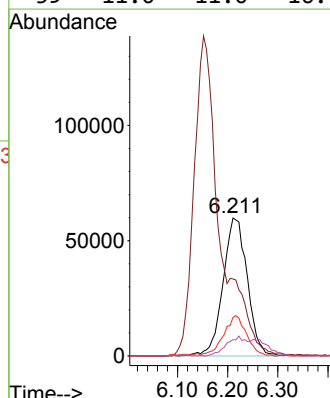
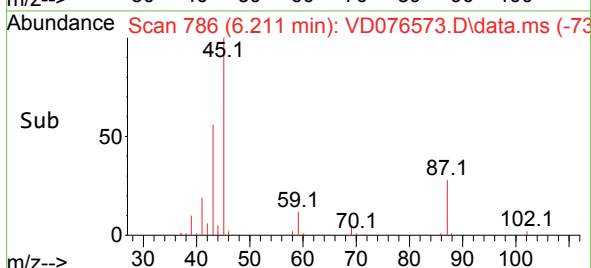
Tgt Ion: 96 Resp: 61204
Ion Ratio Lower Upper
96 100
61 120.0 89.3 133.9
98 59.4 48.6 73.0

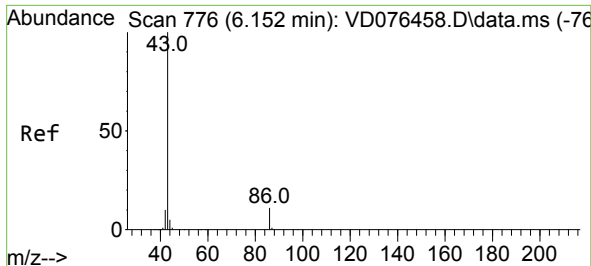


#22
Diisopropyl ether
Concen: 48.569 ug/l
RT: 6.211 min Scan# 786
Delta R.T. -0.000 min
Lab File: VD076573.D
Acq: 23 Jun 2023 22:33



Tgt Ion: 45 Resp: 201511
Ion Ratio Lower Upper
45 100
43 53.6 40.0 60.0
87 27.7 28.2 42.4#
59 11.0 11.0 16.4

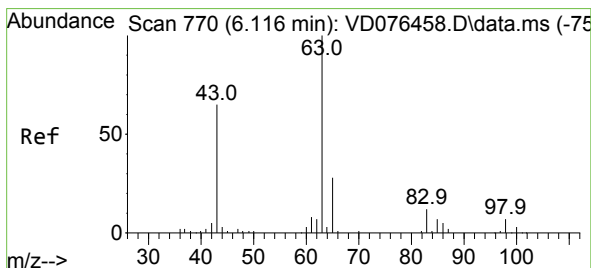
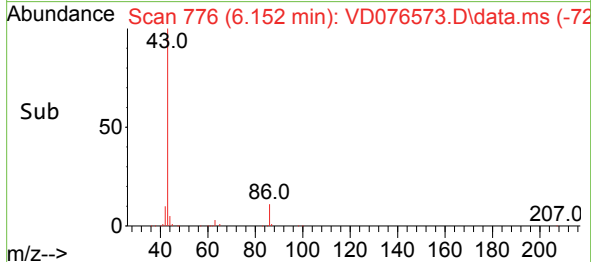
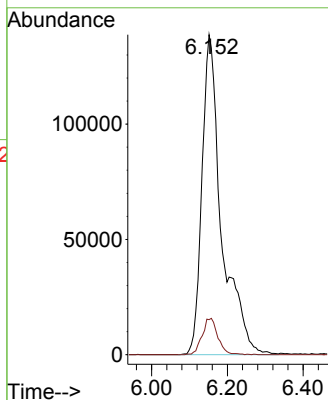
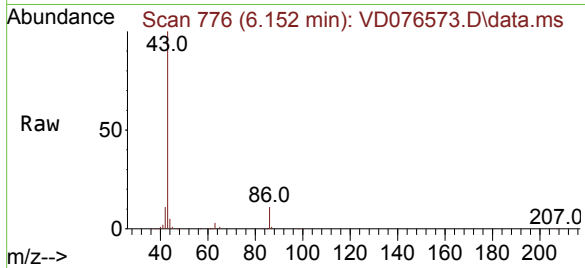




#23
 Vinyl Acetate
 Concen: 243.239 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. -0.000 min
 Lab File: VD076573.D
 Acq: 23 Jun 2023 22:33

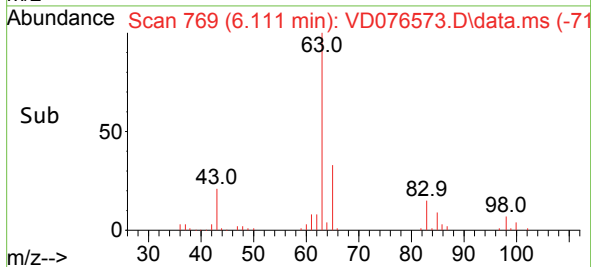
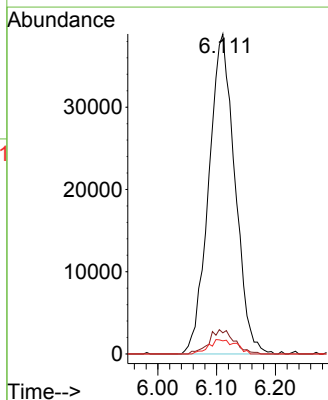
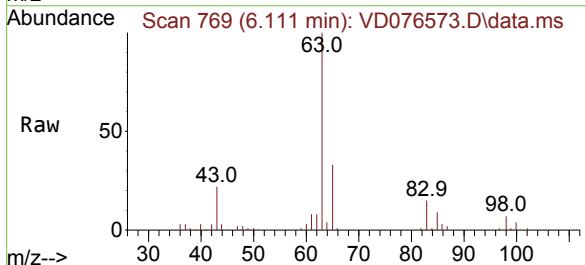
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

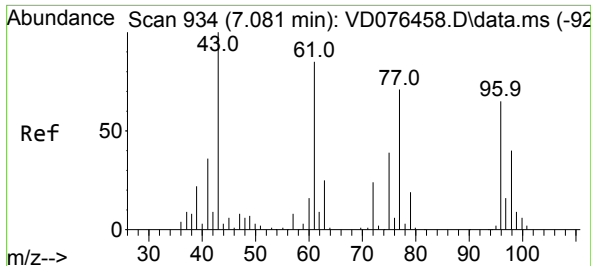
Tgt Ion: 43 Resp: 500230
 Ion Ratio Lower Upper
 43 100
 86 10.9 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 51.924 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. -0.005 min
 Lab File: VD076573.D
 Acq: 23 Jun 2023 22:33

Tgt Ion: 63 Resp: 120300
 Ion Ratio Lower Upper
 63 100
 98 6.6 4.5 13.7
 100 4.1 2.5 7.5

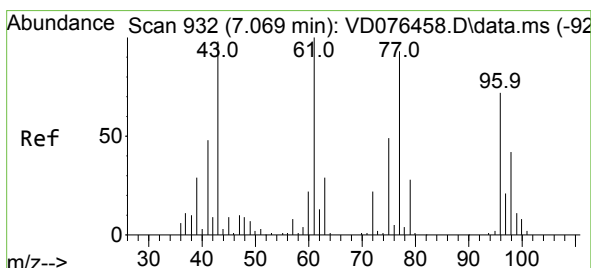
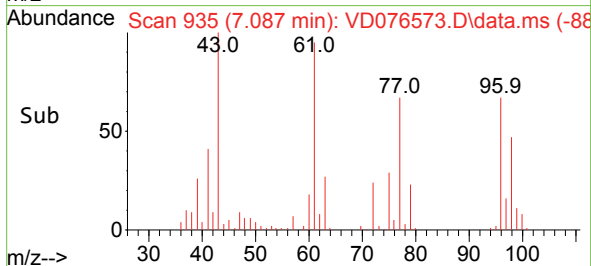
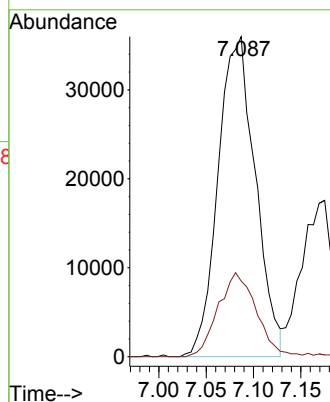
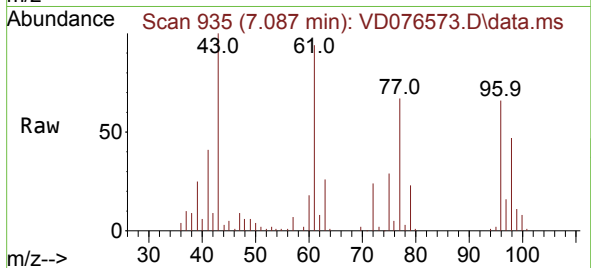




#25
2-Butanone
Concen: 233.188 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD076573.D
Acq: 23 Jun 2023 22:33

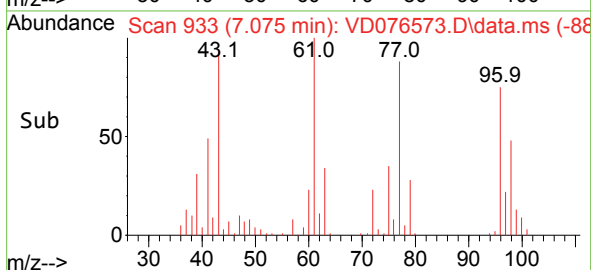
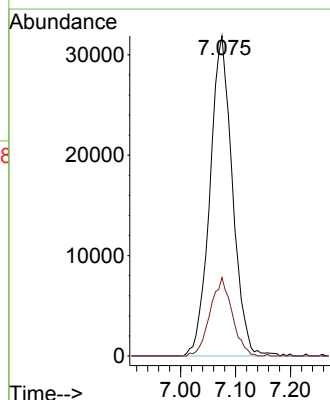
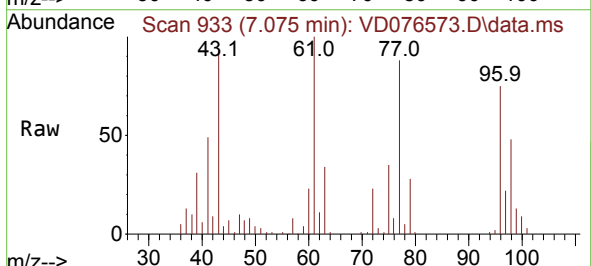
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

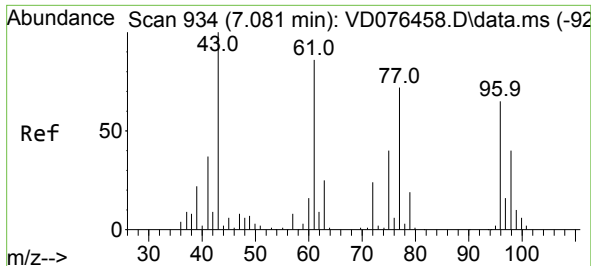
Tgt Ion: 43 Resp: 98597
Ion Ratio Lower Upper
43 100
72 23.7 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 45.363 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.006 min
Lab File: VD076573.D
Acq: 23 Jun 2023 22:33

Tgt Ion: 77 Resp: 90613
Ion Ratio Lower Upper
77 100
97 24.0 13.2 39.6

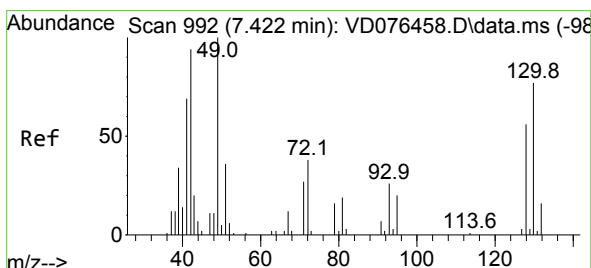
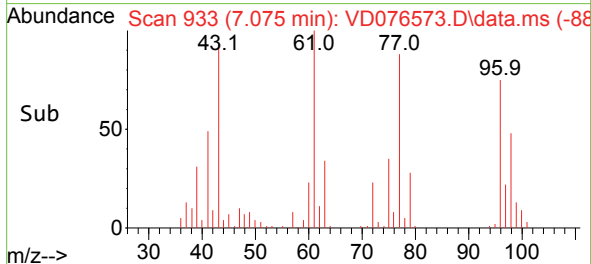
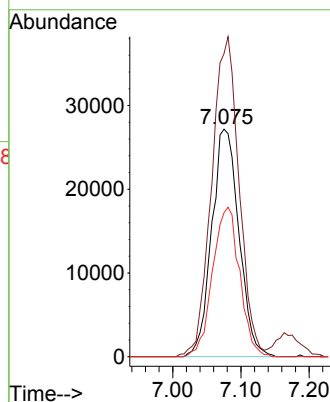
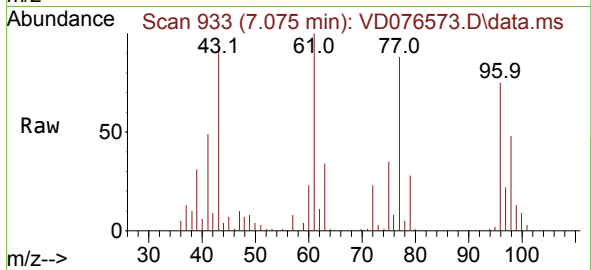




#27
cis-1,2-Dichloroethene
Concen: 51.523 ug/l
RT: 7.075 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD076573.D
Acq: 23 Jun 2023 22:33

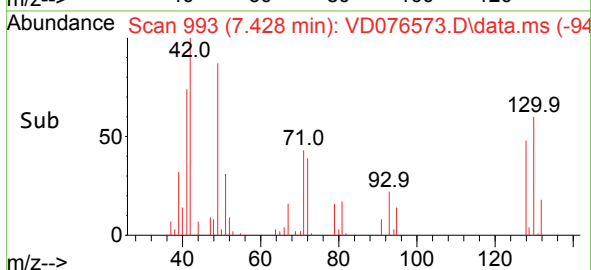
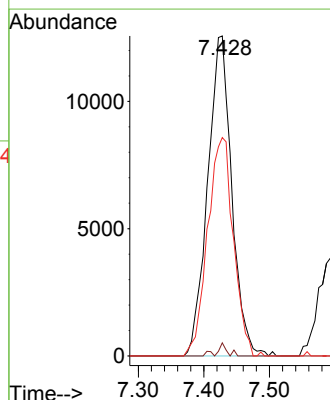
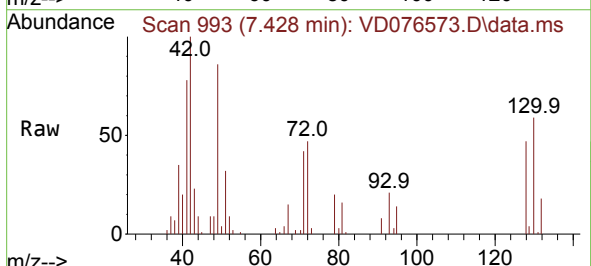
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

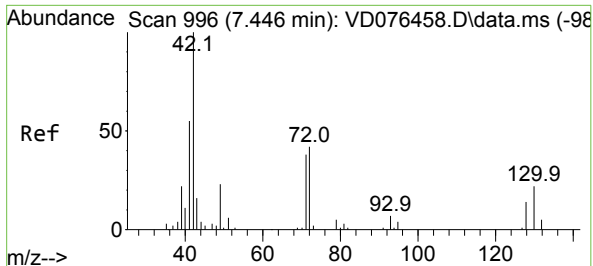
Tgt Ion: 96 Resp: 75617
Ion Ratio Lower Upper
96 100
61 141.6 0.0 239.2
98 65.2 0.0 128.6



#28
Bromochloromethane
Concen: 47.942 ug/l
RT: 7.428 min Scan# 993
Delta R.T. 0.006 min
Lab File: VD076573.D
Acq: 23 Jun 2023 22:33

Tgt Ion: 49 Resp: 32056
Ion Ratio Lower Upper
49 100
129 1.7 0.0 6.0
130 72.8 83.2 124.8#

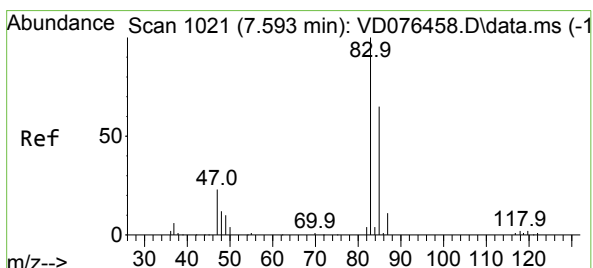
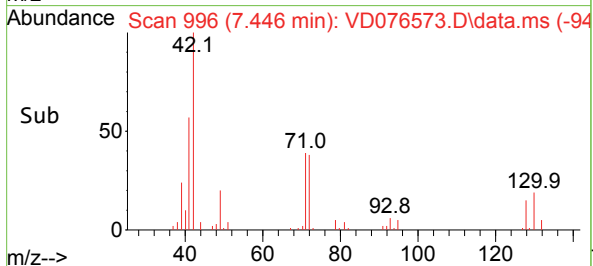
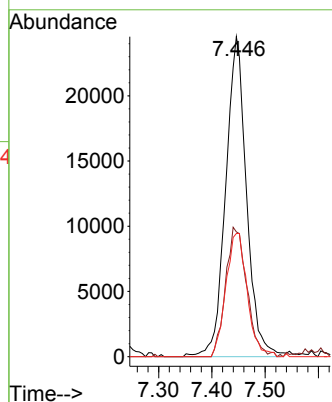
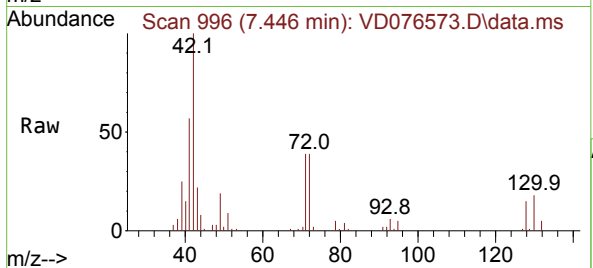




#29
Tetrahydrofuran
Concen: 245.305 ug/l
RT: 7.446 min Scan# 996
Delta R.T. -0.000 min
Lab File: VD076573.D
Acq: 23 Jun 2023 22:33

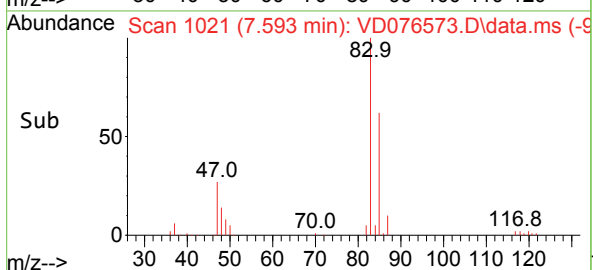
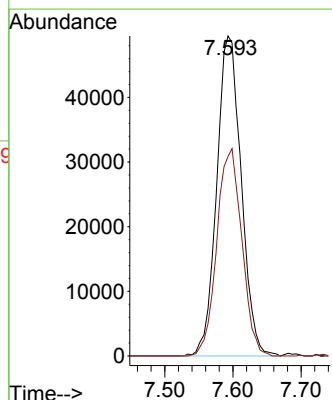
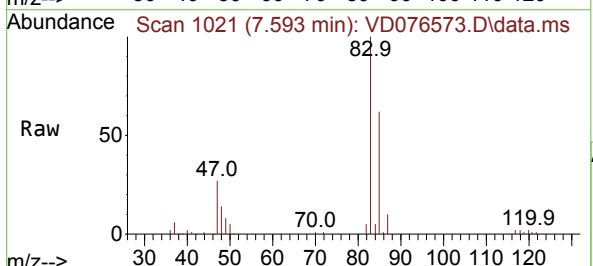
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

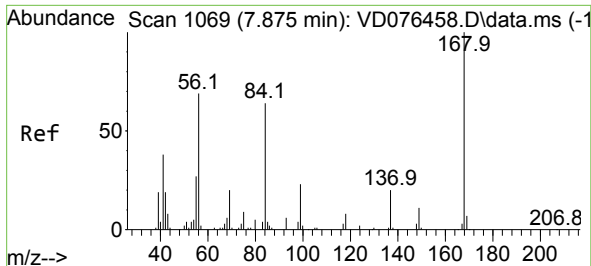
Tgt Ion: 42 Resp: 66656
Ion Ratio Lower Upper
42 100
72 41.2 46.5 69.7#
71 39.4 44.5 66.7#



#30
Chloroform
Concen: 53.973 ug/l
RT: 7.593 min Scan# 1021
Delta R.T. -0.000 min
Lab File: VD076573.D
Acq: 23 Jun 2023 22:33

Tgt Ion: 83 Resp: 123818
Ion Ratio Lower Upper
83 100
85 62.4 53.4 80.2

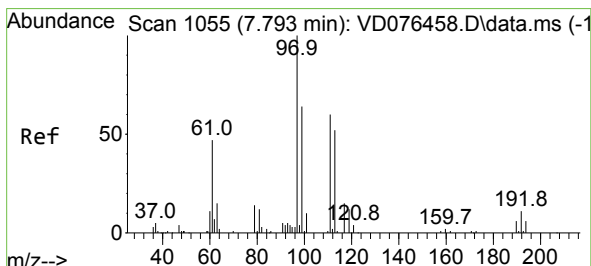
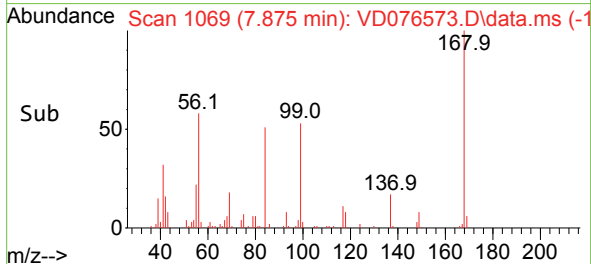
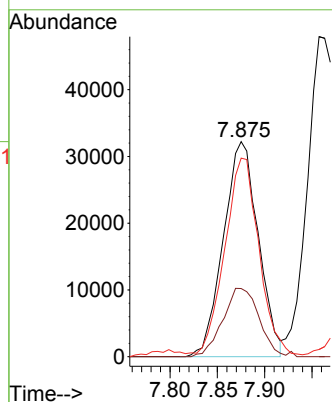
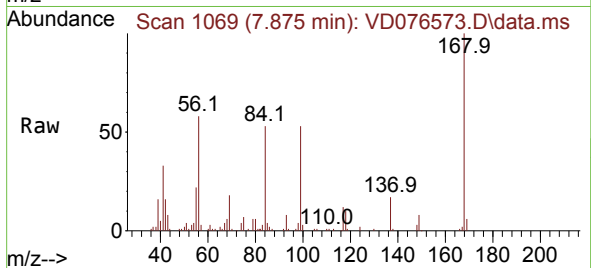




#31
Cyclohexane
Concen: 46.294 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076573.D
Acq: 23 Jun 2023 22:33

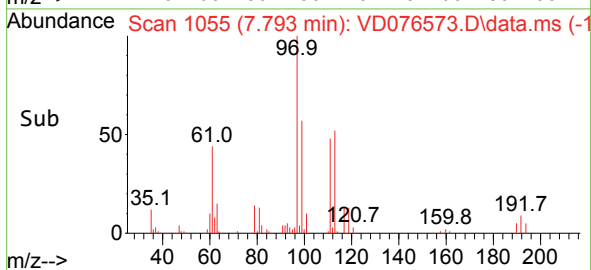
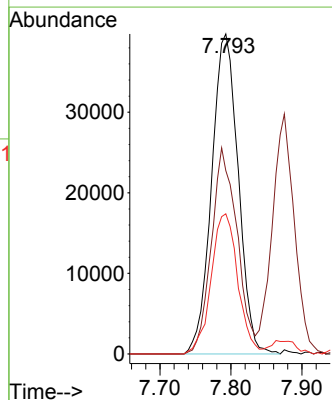
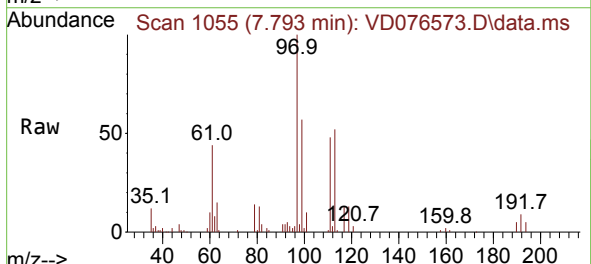
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

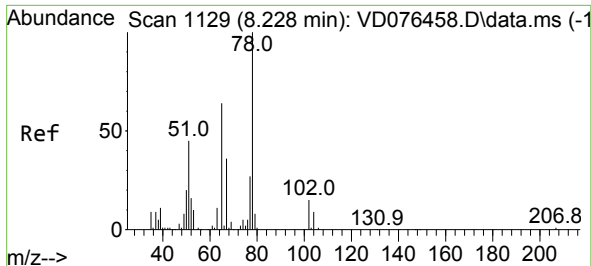
Tgt Ion: 56 Resp: 82547
Ion Ratio Lower Upper
56 100
69 31.7 28.6 43.0
84 90.2 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 55.656 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD076573.D
Acq: 23 Jun 2023 22:33

Tgt Ion: 97 Resp: 103209
Ion Ratio Lower Upper
97 100
99 62.3 52.0 78.0
61 44.1 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 52.170 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD076573.D

Acq: 23 Jun 2023 22:33

Instrument :

MSVOA_D

ClientSampleId :

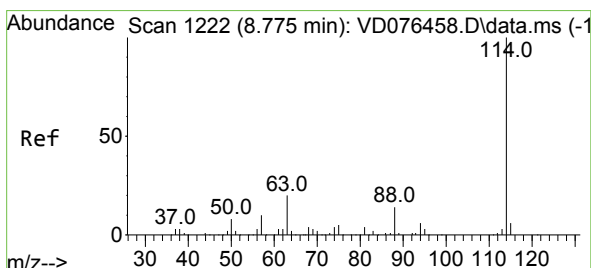
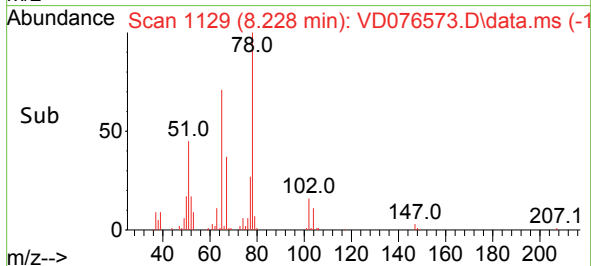
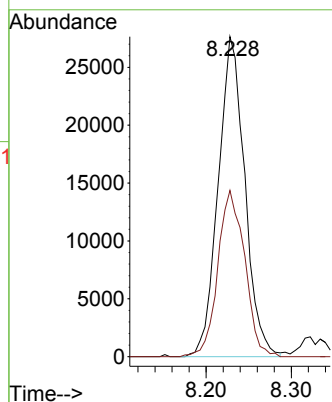
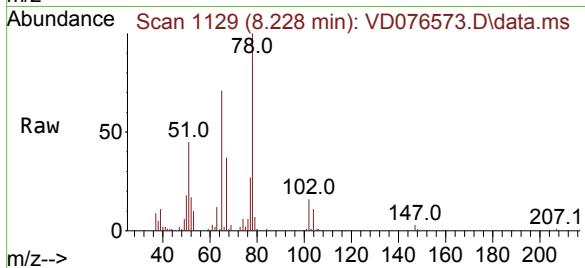
VSTDCCC050EC

Tgt Ion: 65 Resp: 59933

Ion Ratio Lower Upper

65 100

67 52.6 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: VD076573.D

Acq: 23 Jun 2023 22:33

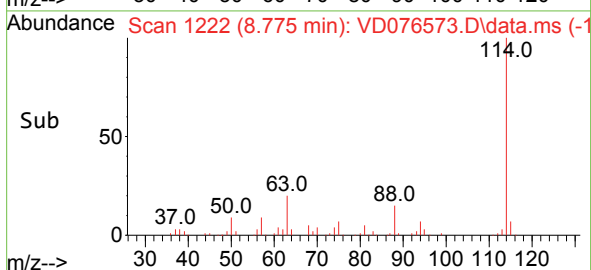
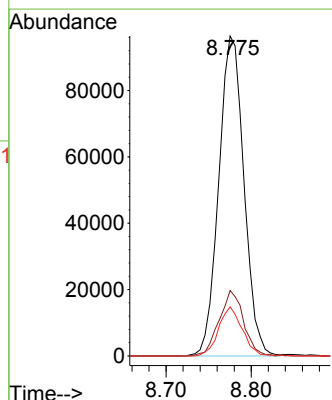
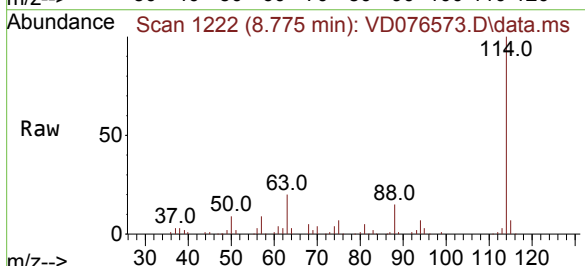
Tgt Ion: 114 Resp: 197820

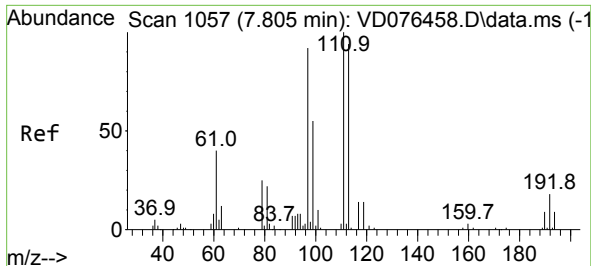
Ion Ratio Lower Upper

114 100

63 20.4 0.0 33.4

88 15.3 0.0 26.2

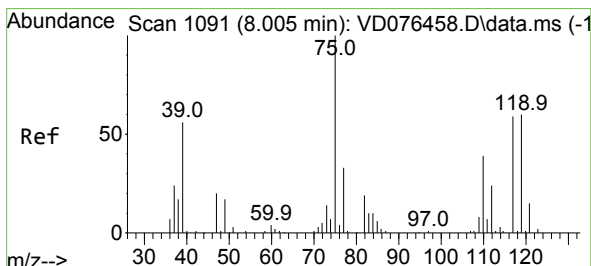
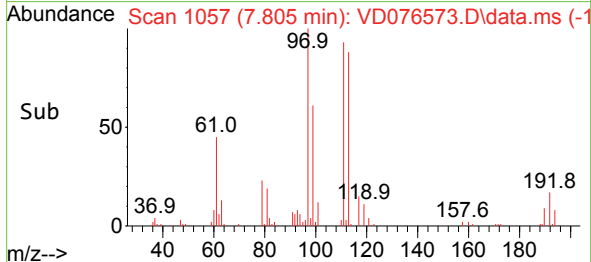
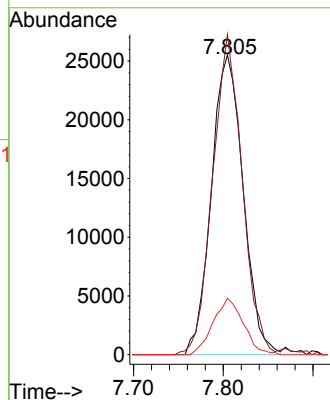
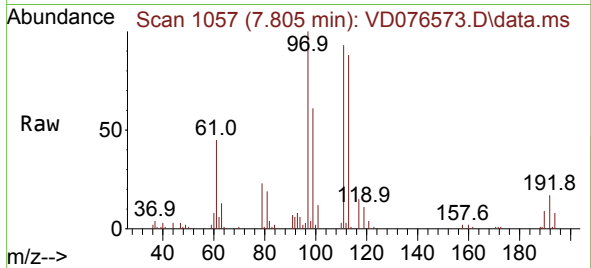




#35
Dibromofluoromethane
Concen: 53.357 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD076573.D
Acq: 23 Jun 2023 22:33

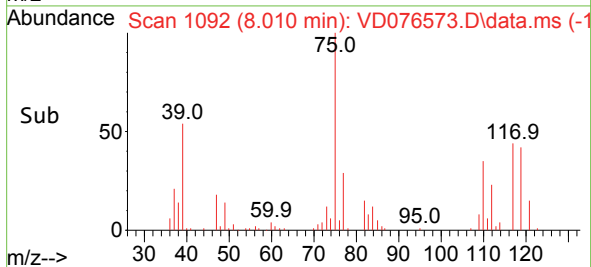
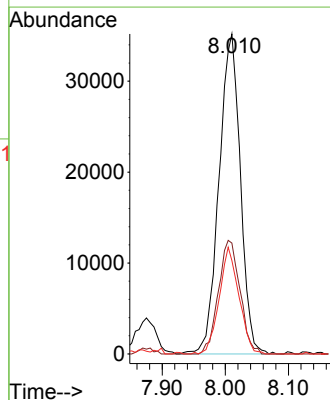
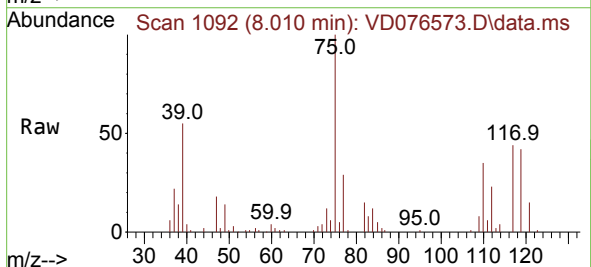
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

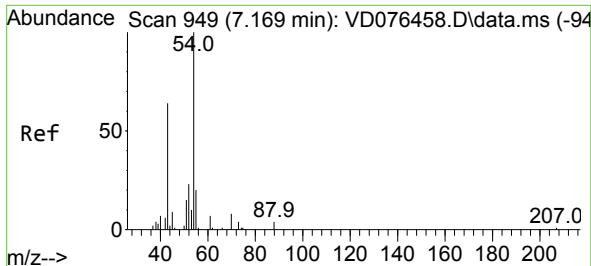
Tgt Ion:113 Resp: 62704
Ion Ratio Lower Upper
113 100
111 99.4 84.7 127.1
192 18.0 16.8 25.2



#36
1,1-Dichloropropene
Concen: 50.273 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.006 min
Lab File: VD076573.D
Acq: 23 Jun 2023 22:33

Tgt Ion: 75 Resp: 82734
Ion Ratio Lower Upper
75 100
110 35.9 19.9 59.6
77 30.8 24.7 37.1





#37

Ethyl Acetate

Concen: 49.248 ug/l

RT: 7.175 min Scan# 949

Delta R.T. 0.006 min

Lab File: VD076573.D

Acq: 23 Jun 2023 22:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

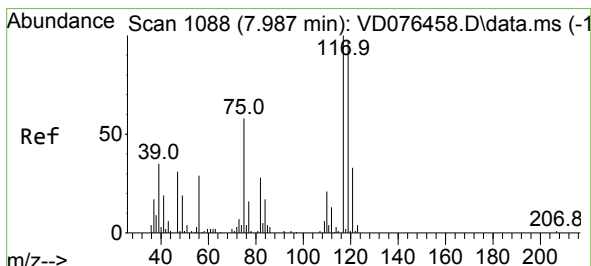
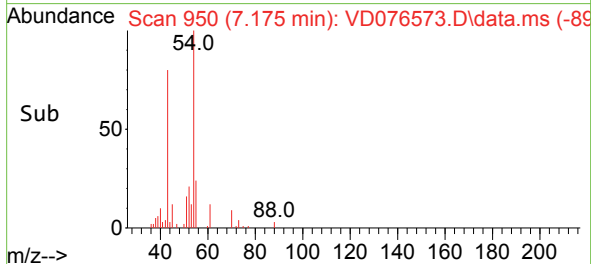
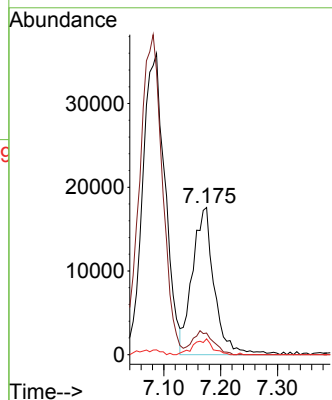
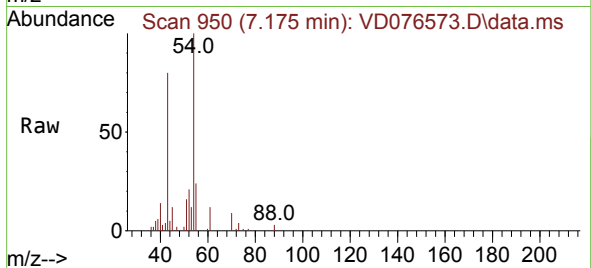
Tgt Ion: 43 Resp: 46964

Ion Ratio Lower Upper

43 100

61 15.6 14.9 22.3

70 9.3 10.0 15.0#



#38

Carbon Tetrachloride

Concen: 57.183 ug/l

RT: 7.987 min Scan# 1088

Delta R.T. -0.000 min

Lab File: VD076573.D

Acq: 23 Jun 2023 22:33

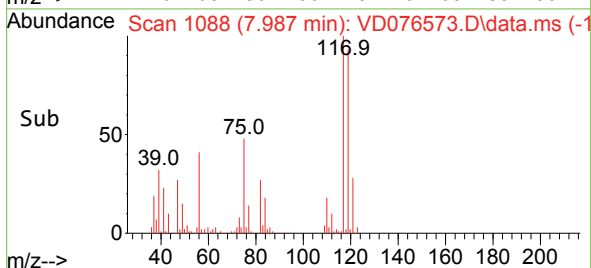
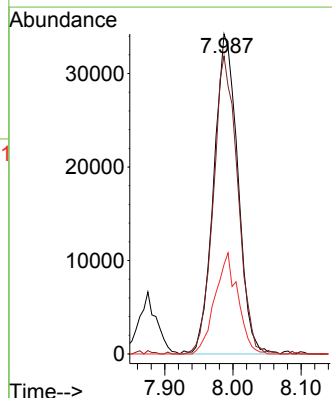
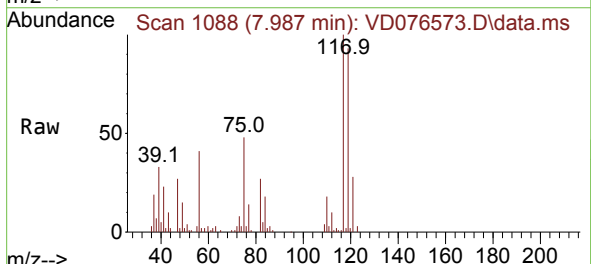
Tgt Ion: 117 Resp: 84111

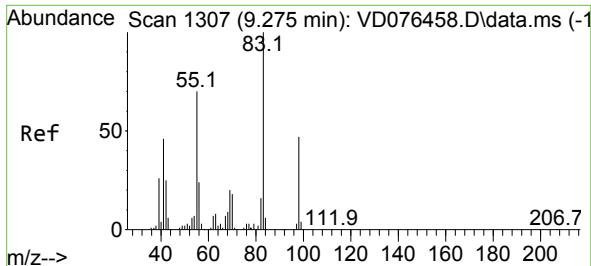
Ion Ratio Lower Upper

117 100

119 93.1 78.0 117.0

121 27.9 24.2 36.2

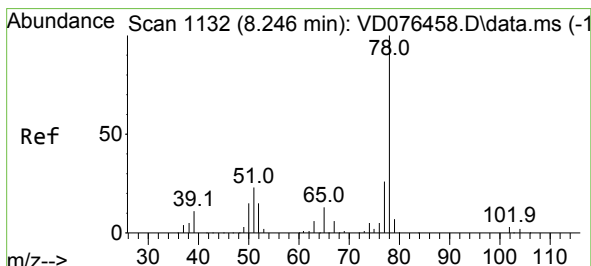
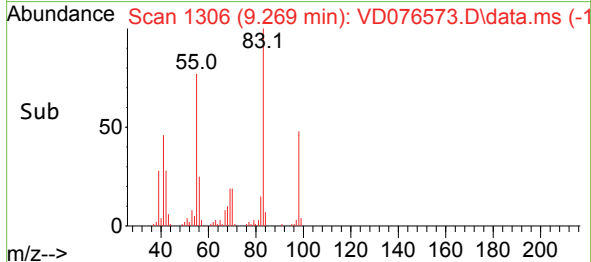
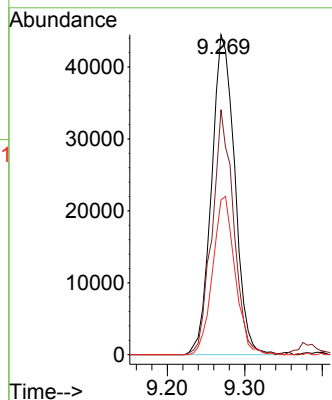
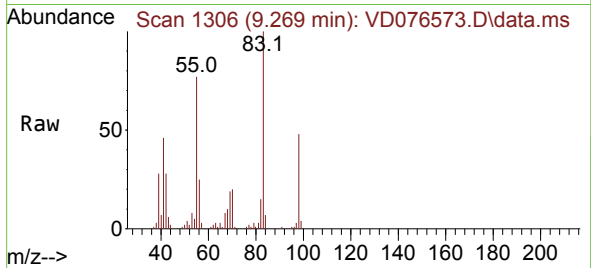




#39
Methylcyclohexane
Concen: 48.004 ug/l
RT: 9.269 min Scan# 11306
Delta R.T. -0.006 min
Lab File: VD076573.D
Acq: 23 Jun 2023 22:33

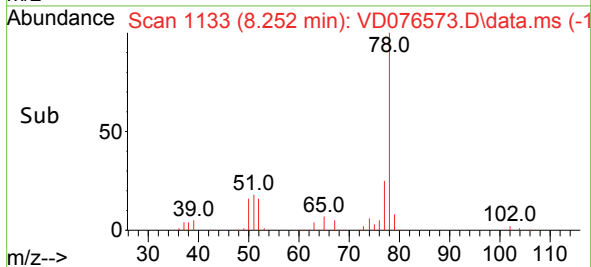
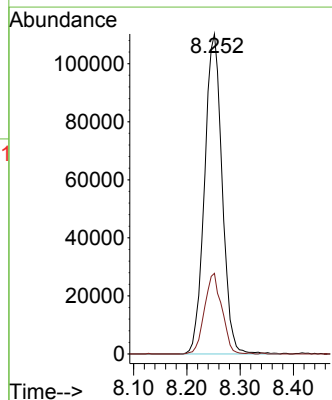
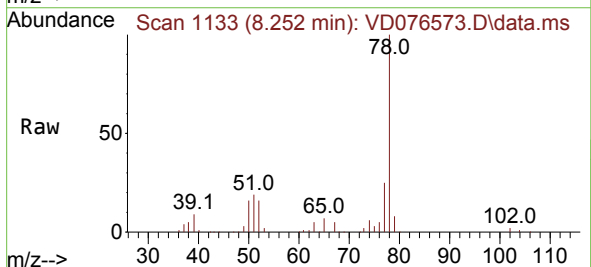
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

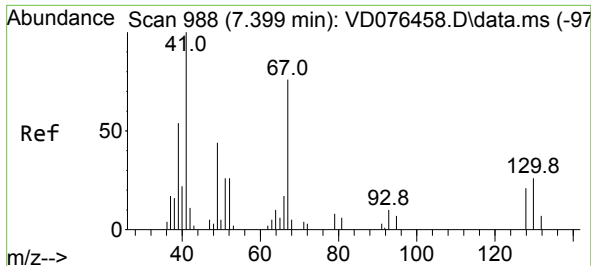
Tgt Ion: 83 Resp: 92708
Ion Ratio Lower Upper
83 100
55 76.5 49.4 74.0#
98 48.3 38.4 57.6



#40
Benzene
Concen: 50.201 ug/l
RT: 8.252 min Scan# 1133
Delta R.T. 0.006 min
Lab File: VD076573.D
Acq: 23 Jun 2023 22:33

Tgt Ion: 78 Resp: 251941
Ion Ratio Lower Upper
78 100
77 25.2 19.4 29.0



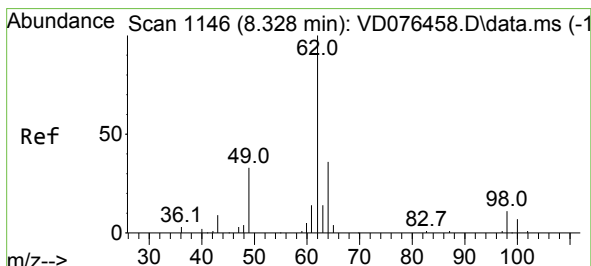
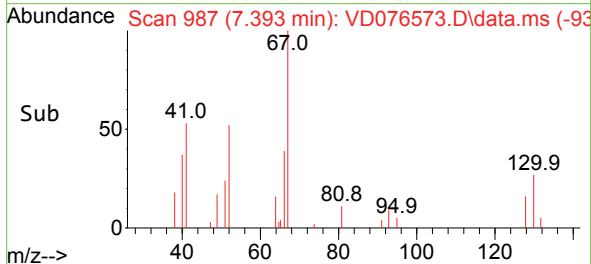
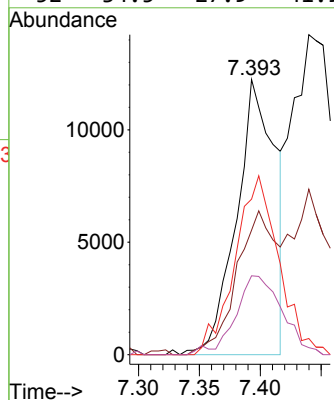
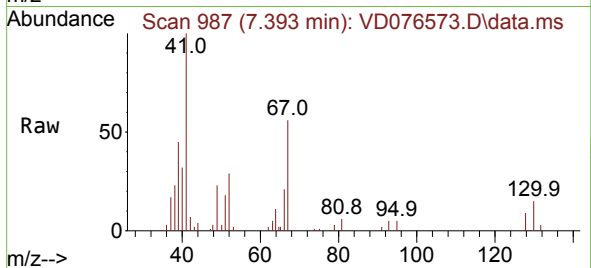


#41
Methacrylonitrile
Concen: 50.219 ug/l
RT: 7.393 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD076573.D
Acq: 23 Jun 2023 22:33

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 27043

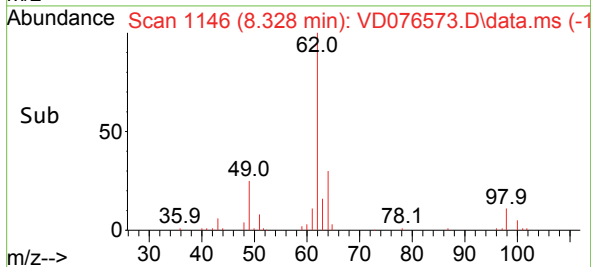
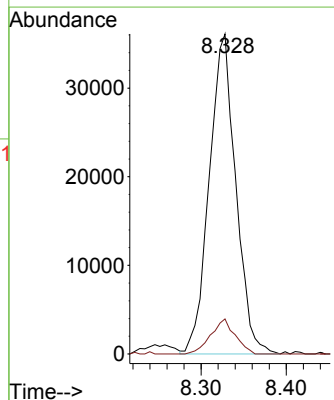
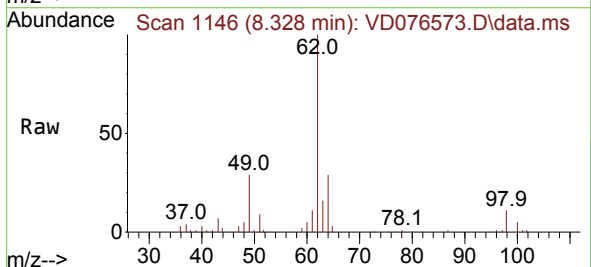
Ion	Ratio	Lower	Upper
41	100		
39	54.3	34.0	51.0#
67	73.5	77.0	115.4#
52	34.5	27.9	41.9

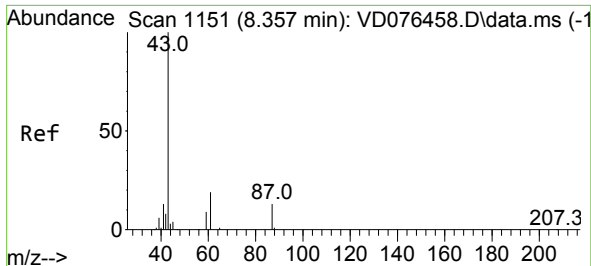


#42
1,2-Dichloroethane
Concen: 57.604 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD076573.D
Acq: 23 Jun 2023 22:33

Tgt Ion: 62 Resp: 78115

Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	25.4

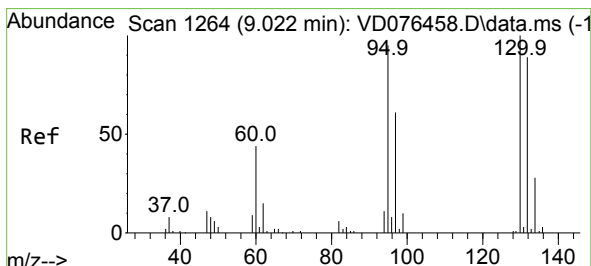
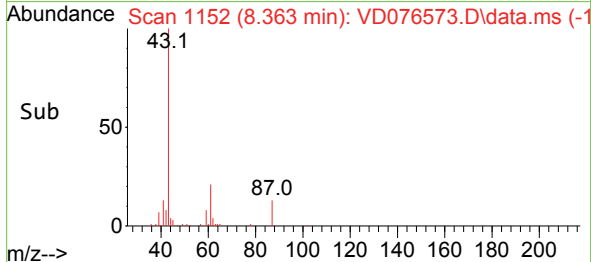
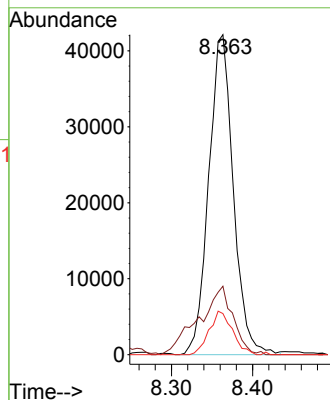
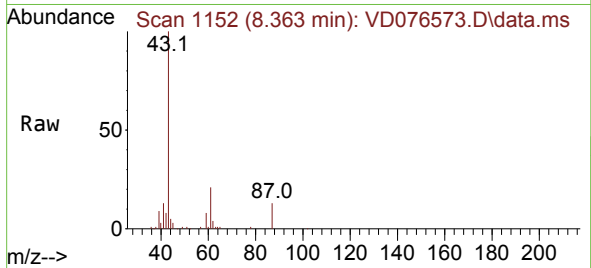




#43
Isopropyl Acetate
Concen: 49.188 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.006 min
Lab File: VD076573.D
Acq: 23 Jun 2023 22:33

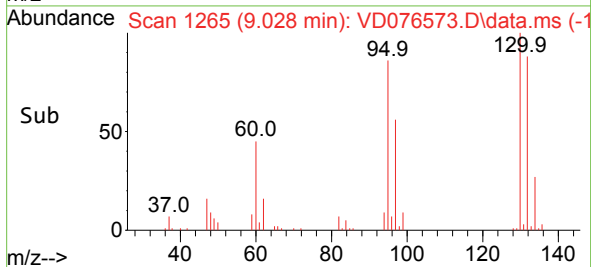
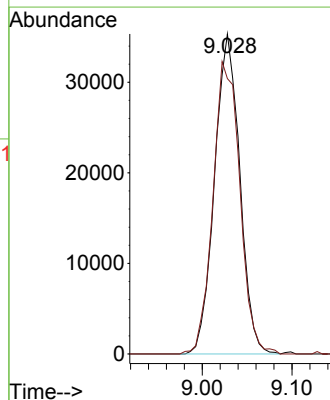
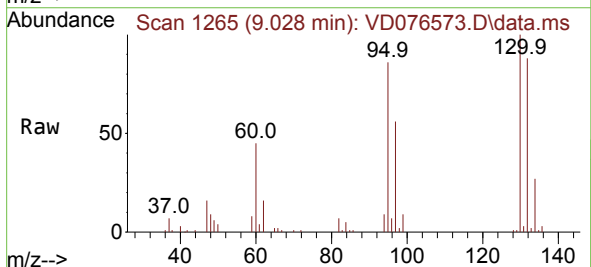
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

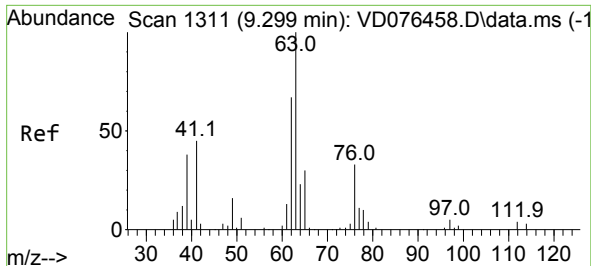
Tgt Ion: 43 Resp: 88804
Ion Ratio Lower Upper
43 100
61 29.9 31.4 47.0#
87 12.9 14.9 22.3#



#44
Trichloroethene
Concen: 50.912 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.006 min
Lab File: VD076573.D
Acq: 23 Jun 2023 22:33

Tgt Ion:130 Resp: 68925
Ion Ratio Lower Upper
130 100
95 86.0 0.0 179.2





#45

1,2-Dichloropropane

Concen: 50.814 ug/l

RT: 9.304 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD076573.D

Acq: 23 Jun 2023 22:33

Instrument :

MSVOA_D

ClientSampleId :

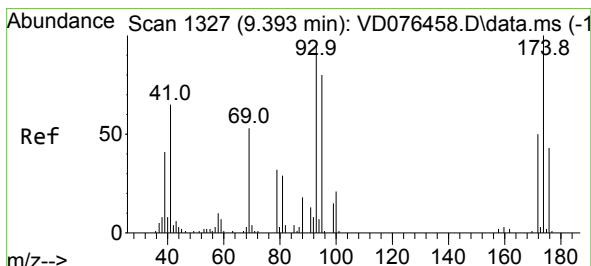
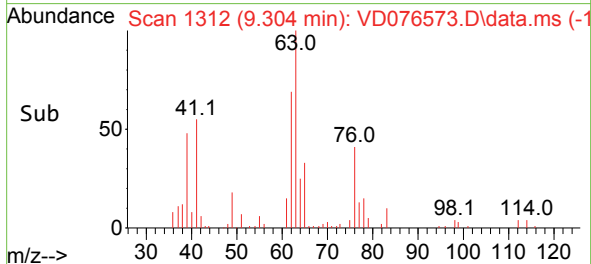
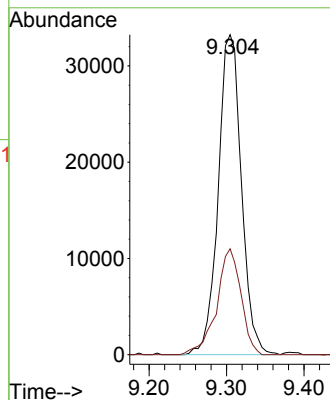
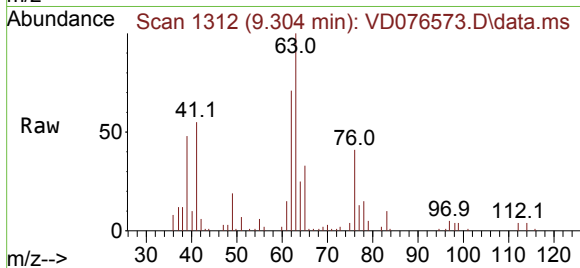
VSTDCCC050EC

Tgt Ion: 63 Resp: 69143

Ion Ratio Lower Upper

63 100

65 33.1 24.5 36.7



#46

Dibromomethane

Concen: 52.913 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD076573.D

Acq: 23 Jun 2023 22:33

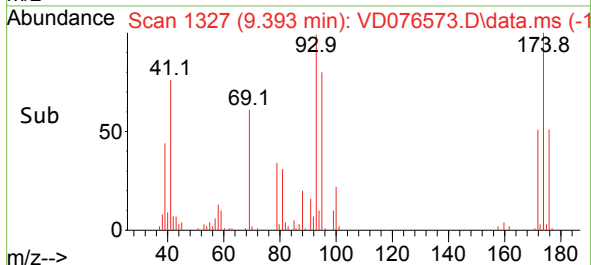
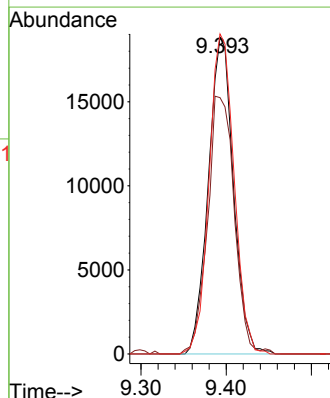
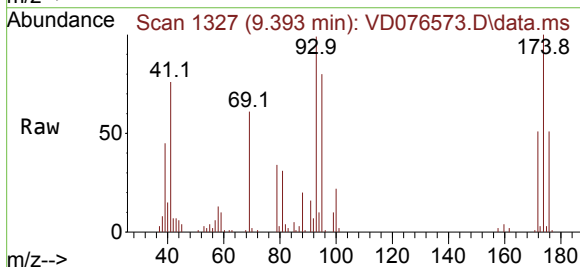
Tgt Ion: 93 Resp: 38570

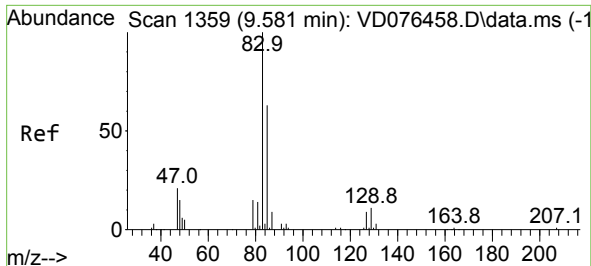
Ion Ratio Lower Upper

93 100

95 86.4 67.7 101.5

174 100.5 85.4 128.2





#47

Bromodichloromethane

Concen: 55.586 ug/l

RT: 9.587 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD076573.D

Acq: 23 Jun 2023 22:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

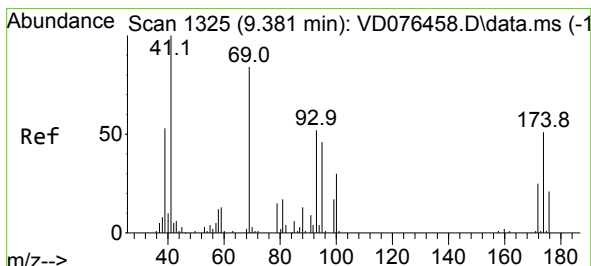
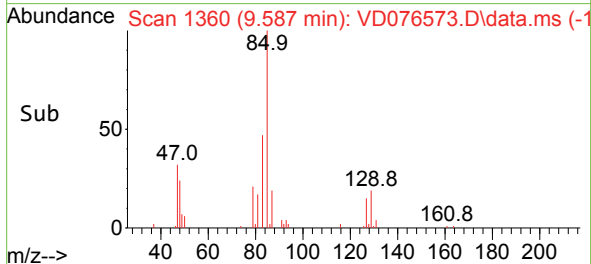
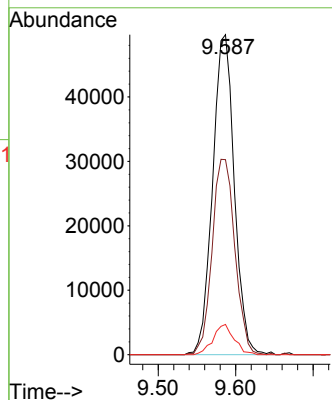
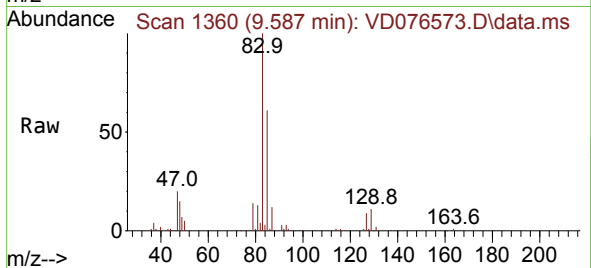
Tgt Ion: 83 Resp: 96962

Ion Ratio Lower Upper

83 100

85 60.9 50.2 75.4

127 9.4 6.3 9.5



#48

Methyl methacrylate

Concen: 48.874 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.000 min

Lab File: VD076573.D

Acq: 23 Jun 2023 22:33

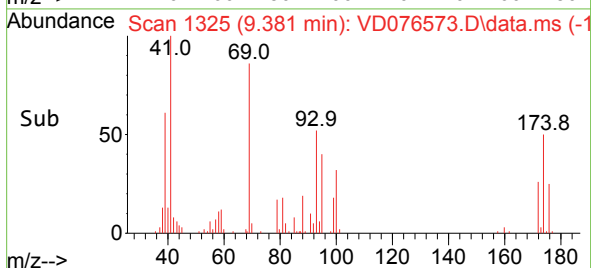
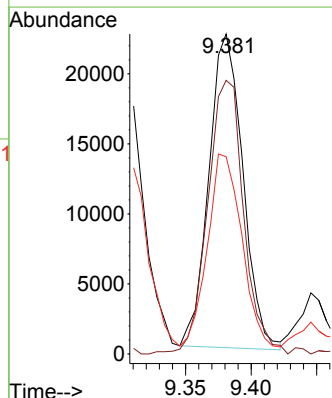
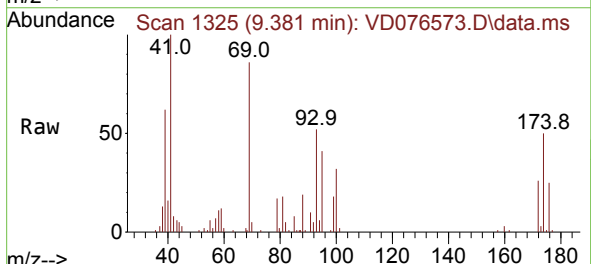
Tgt Ion: 41 Resp: 40443

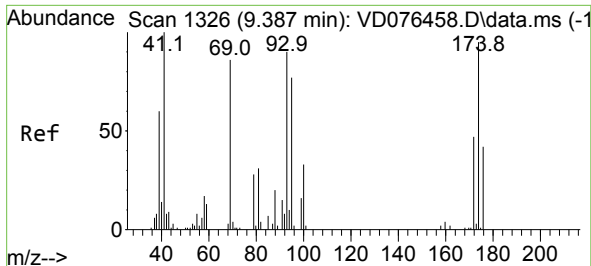
Ion Ratio Lower Upper

41 100

69 92.2 102.2 153.2#

39 66.9 41.4 62.2#





#49

1,4-Dioxane

Concen: 1170.415 ug/l

RT: 9.387 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD076573.D

Acq: 23 Jun 2023 22:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

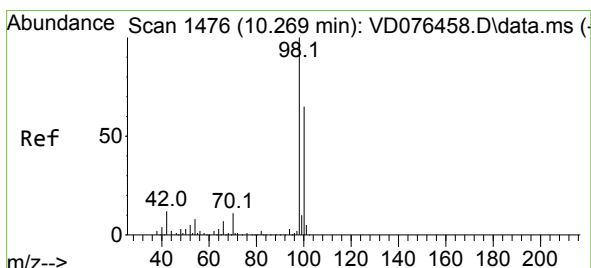
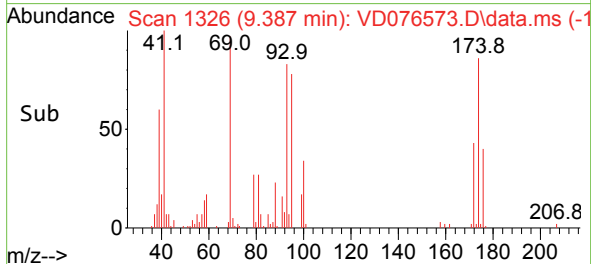
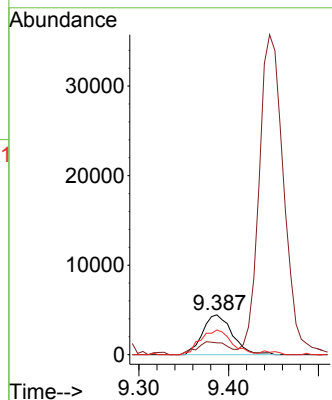
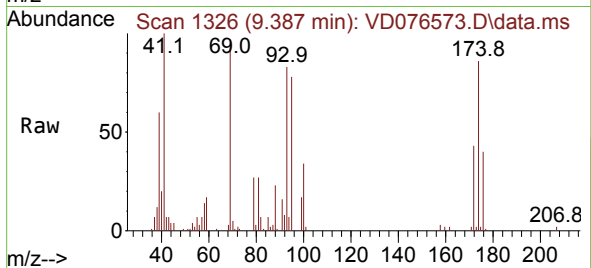
Tgt Ion: 88 Resp: 10222

Ion Ratio Lower Upper

88 100

43 34.9 19.0 28.6#

58 64.8 43.5 65.3



#50

Toluene-d8

Concen: 48.761 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD076573.D

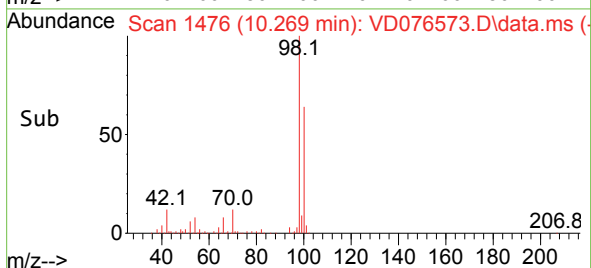
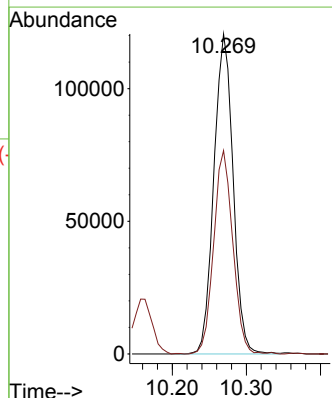
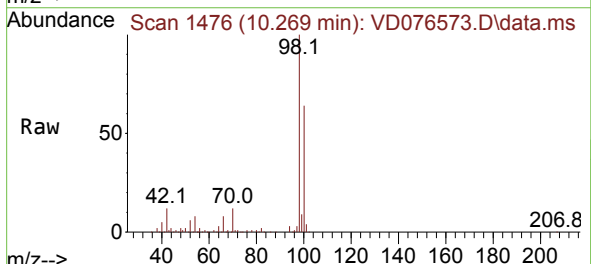
Acq: 23 Jun 2023 22:33

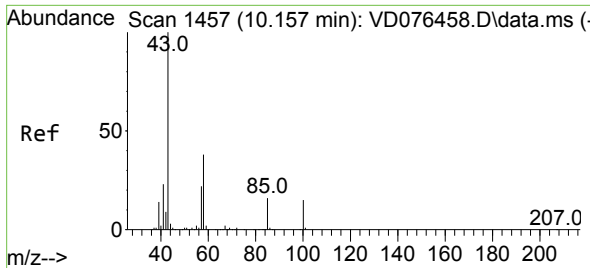
Tgt Ion: 98 Resp: 217320

Ion Ratio Lower Upper

98 100

100 63.3 50.3 75.5

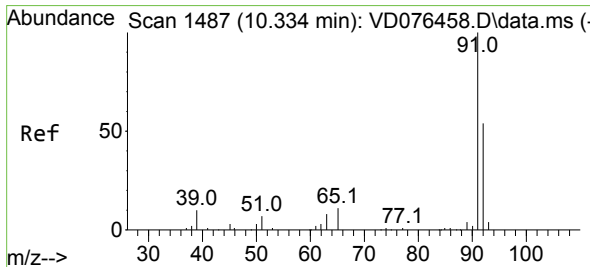
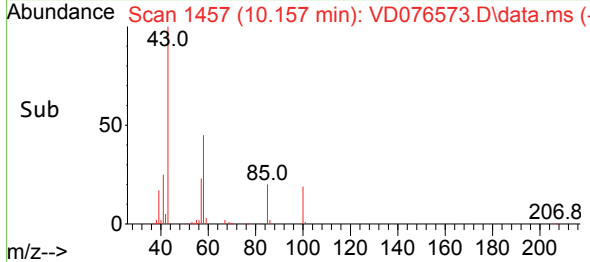
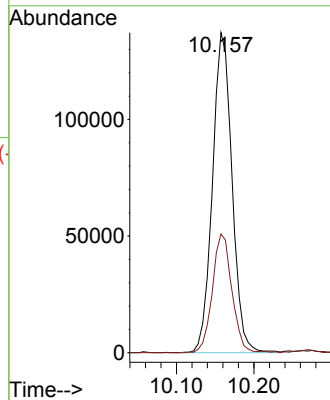
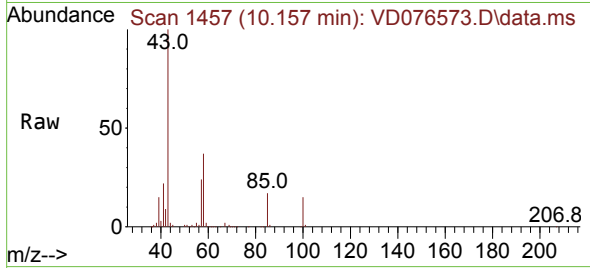




#51
4-Methyl-2-Pentanone
Concen: 260.668 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD076573.D
Acq: 23 Jun 2023 22:33

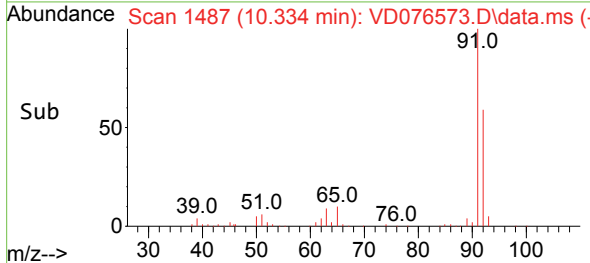
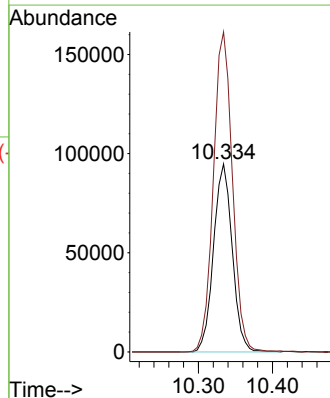
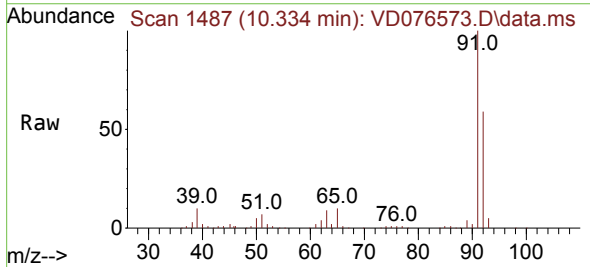
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

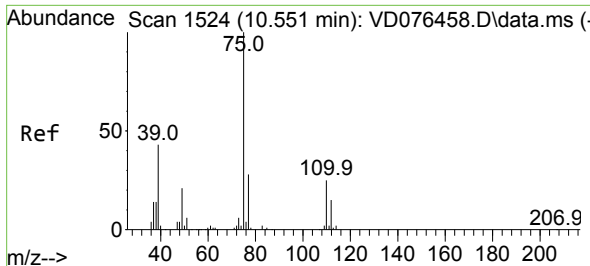
Tgt Ion: 43 Resp: 240565
Ion Ratio Lower Upper
43 100
58 37.0 38.9 58.3#



#52
Toluene
Concen: 52.805 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD076573.D
Acq: 23 Jun 2023 22:33

Tgt Ion: 92 Resp: 166300
Ion Ratio Lower Upper
92 100
91 173.4 143.0 214.4

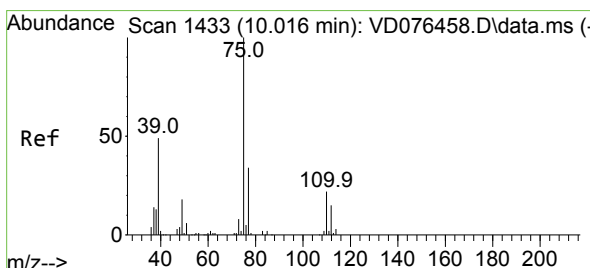
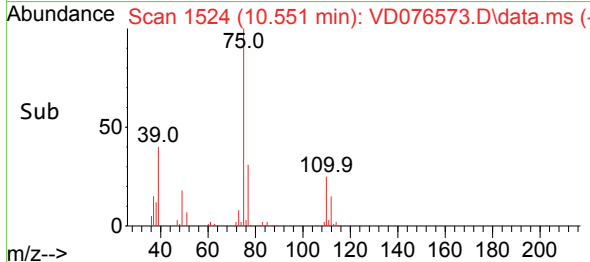
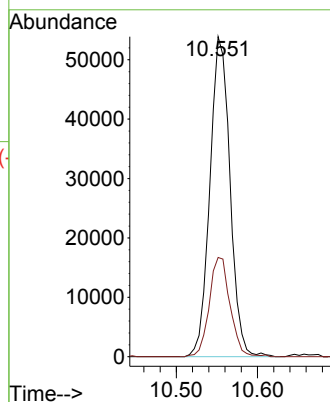
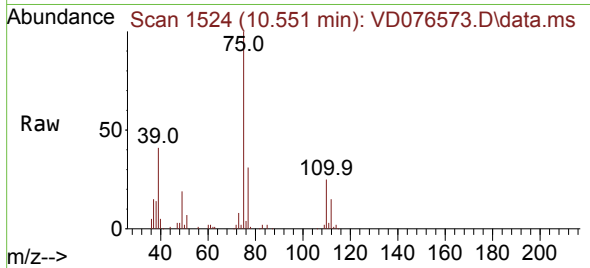




#53
t-1,3-Dichloropropene
Concen: 52.408 ug/l
RT: 10.551 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076573.D
Acq: 23 Jun 2023 22:33

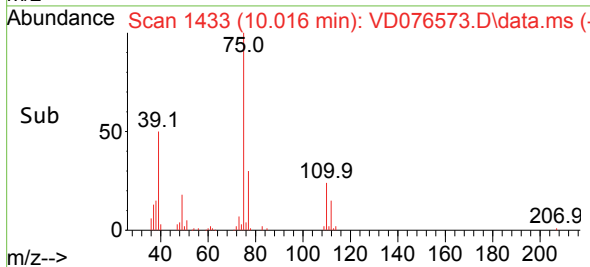
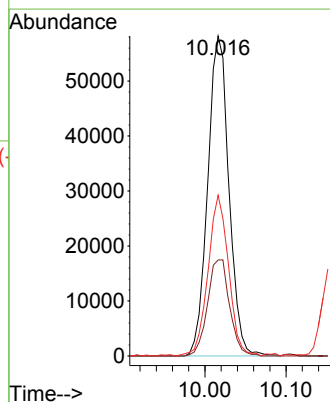
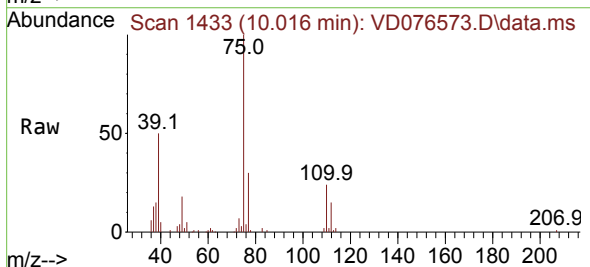
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

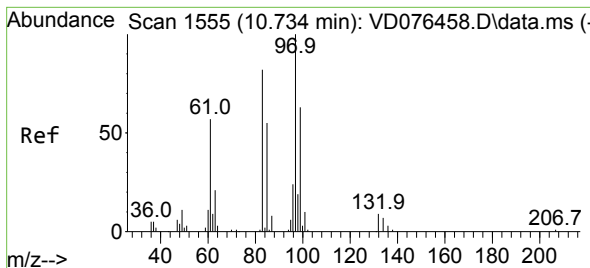
Tgt Ion: 75 Resp: 92766
Ion Ratio Lower Upper
75 100
77 31.0 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 50.264 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD076573.D
Acq: 23 Jun 2023 22:33

Tgt Ion: 75 Resp: 105483
Ion Ratio Lower Upper
75 100
77 30.0 25.5 38.3
39 50.2 22.1 33.1#





#55

1,1,2-Trichloroethane

Concen: 51.450 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VD076573.D

Acq: 23 Jun 2023 22:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 52460

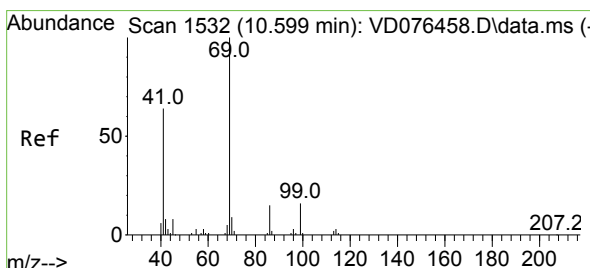
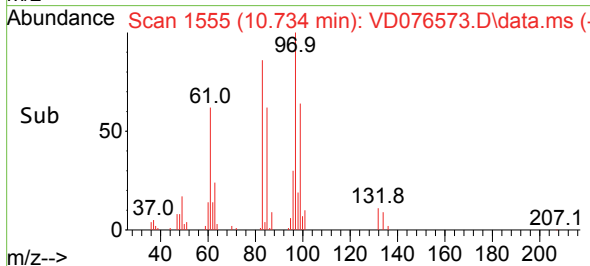
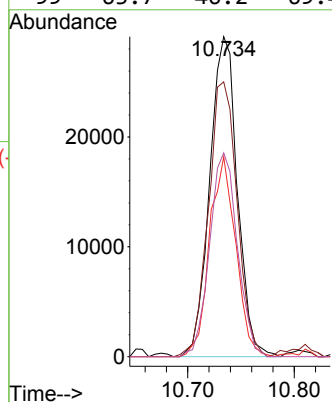
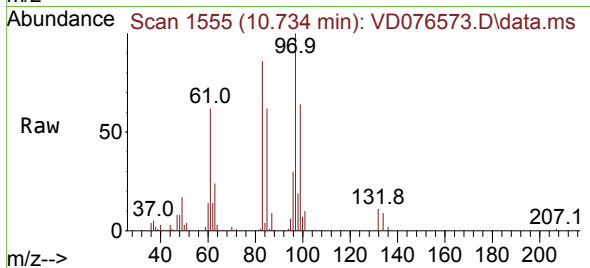
Ion Ratio Lower Upper

97 100

83 85.2 65.8 98.6

85 62.5 45.7 68.5

99 63.7 46.2 69.4



#56

Ethyl methacrylate

Concen: 53.467 ug/l

RT: 10.599 min Scan# 1532

Delta R.T. -0.000 min

Lab File: VD076573.D

Acq: 23 Jun 2023 22:33

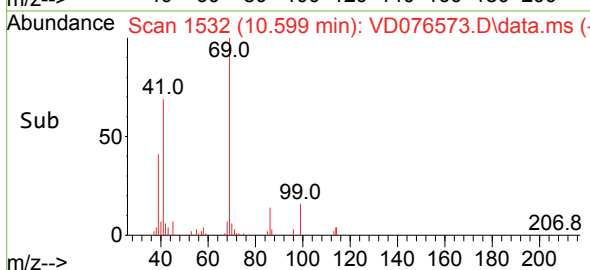
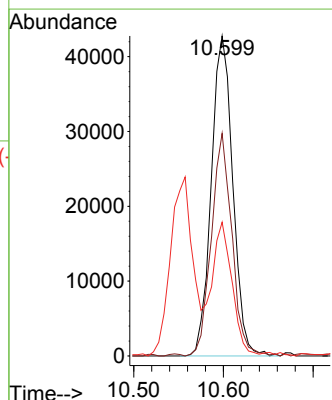
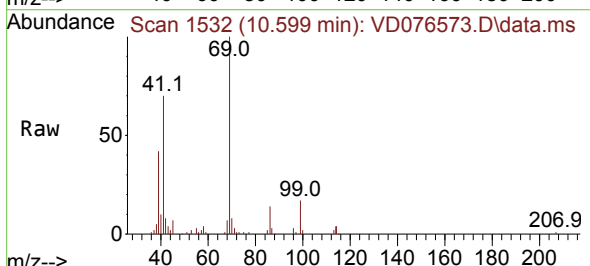
Tgt Ion: 69 Resp: 71182

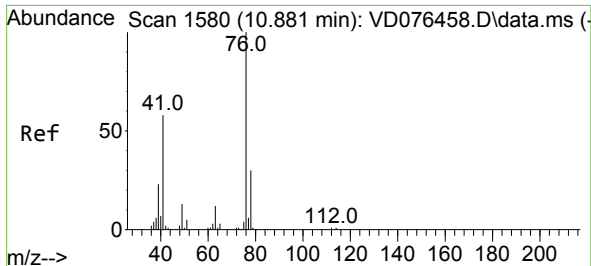
Ion Ratio Lower Upper

69 100

41 66.7 39.1 58.7#

39 38.8 20.0 30.0#





#57

1,3-Dichloropropane

Concen: 52.590 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD076573.D

Acq: 23 Jun 2023 22:33

Instrument :

MSVOA_D

ClientSampleId :

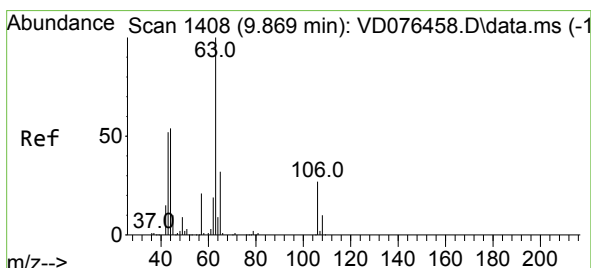
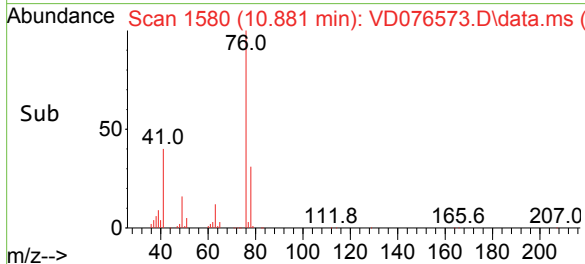
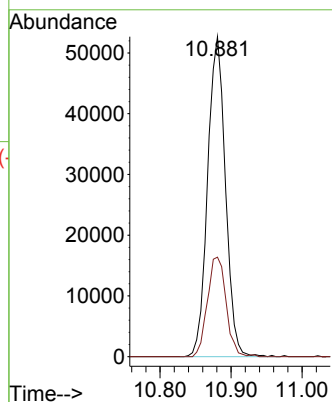
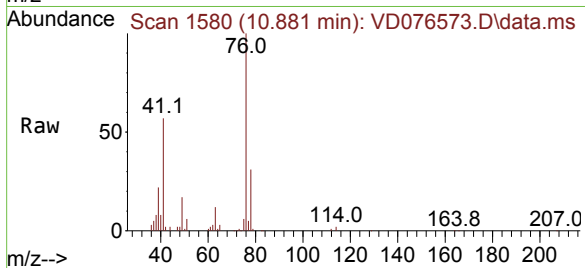
VSTDCCC050EC

Tgt Ion: 76 Resp: 91807

Ion Ratio Lower Upper

76 100

78 32.8 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 241.959 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD076573.D

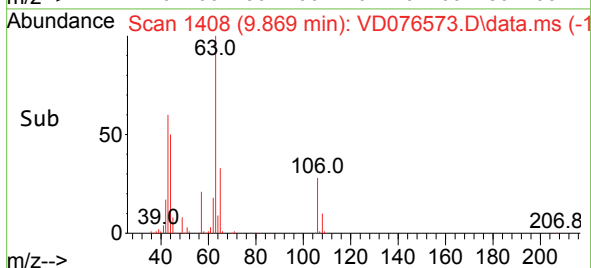
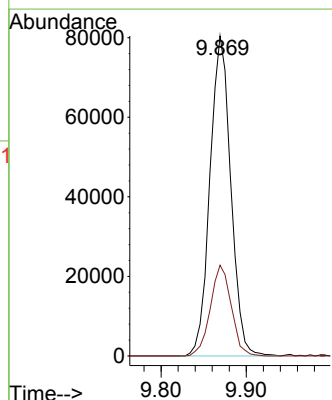
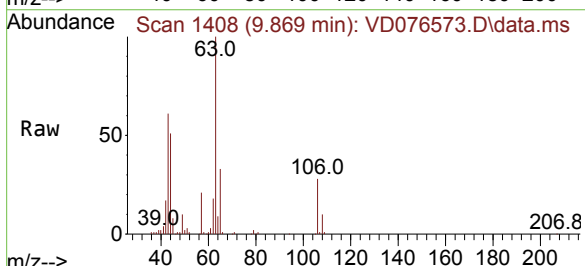
Acq: 23 Jun 2023 22:33

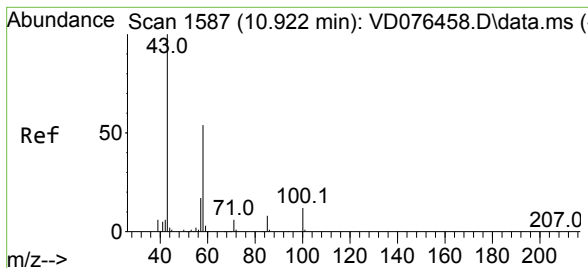
Tgt Ion: 63 Resp: 136569

Ion Ratio Lower Upper

63 100

106 28.5 25.3 37.9

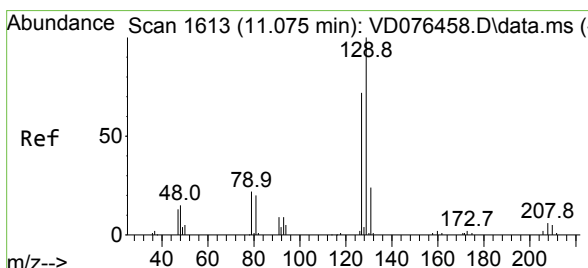
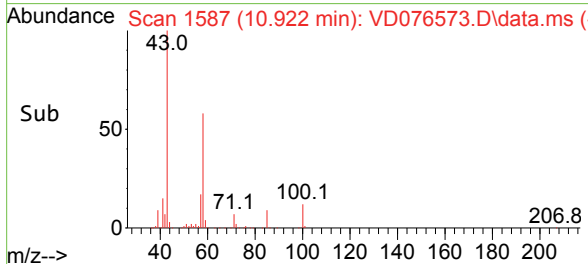
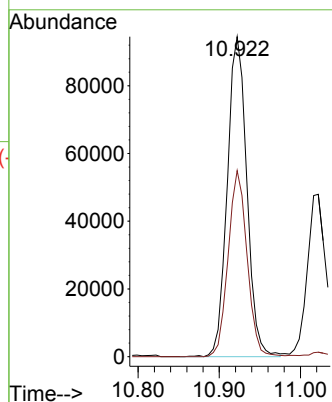
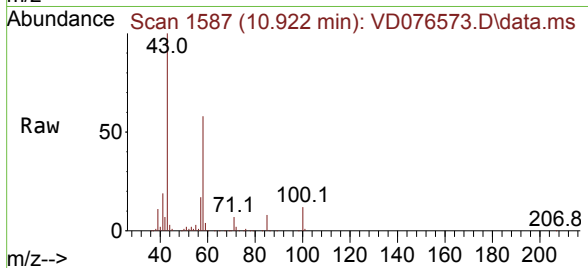




#59
2-Hexanone
Concen: 246.235 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD076573.D
Acq: 23 Jun 2023 22:33

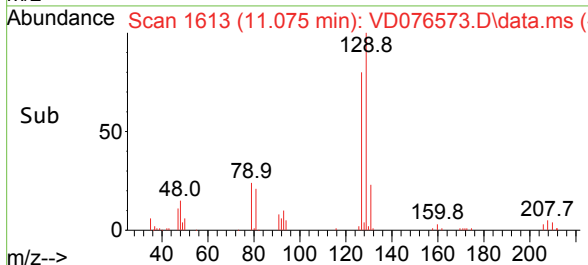
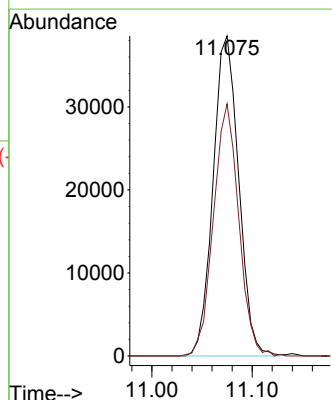
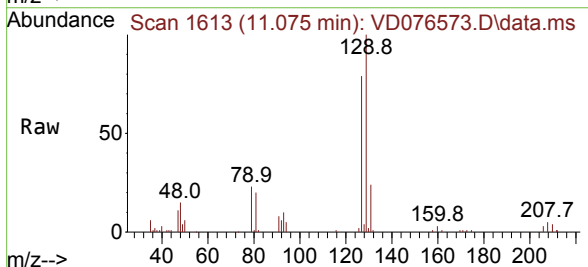
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

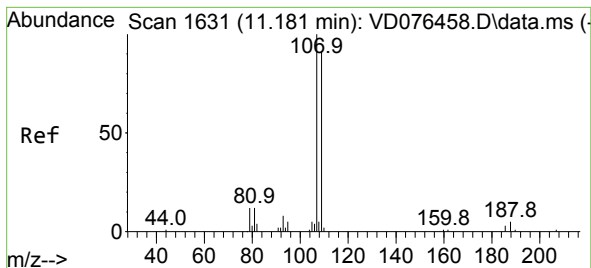
Tgt Ion: 43 Resp: 158072
Ion Ratio Lower Upper
43 100
58 56.3 34.1 102.2



#60
Dibromochloromethane
Concen: 57.631 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD076573.D
Acq: 23 Jun 2023 22:33

Tgt Ion: 129 Resp: 68386
Ion Ratio Lower Upper
129 100
127 77.8 37.1 111.5





#61

1,2-Dibromoethane

Concen: 52.589 ug/l

RT: 11.181 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD076573.D

Acq: 23 Jun 2023 22:33

Instrument :

MSVOA_D

ClientSampleId :

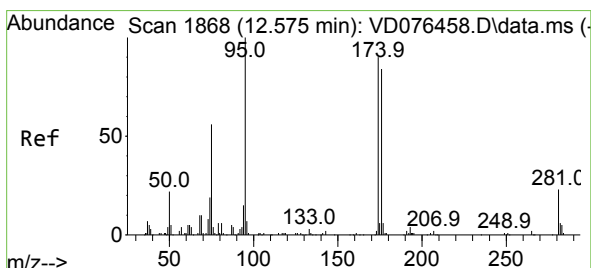
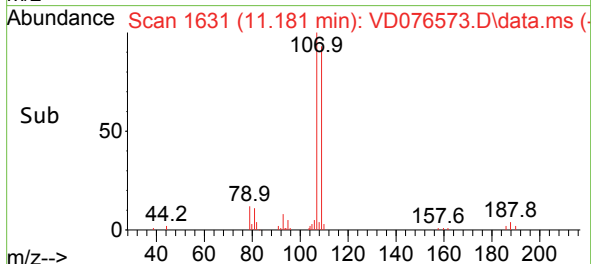
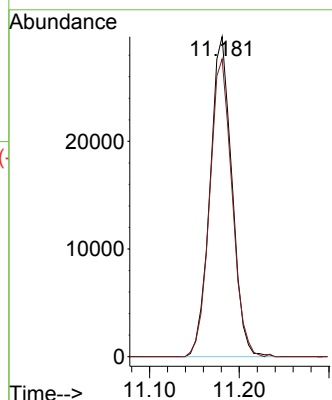
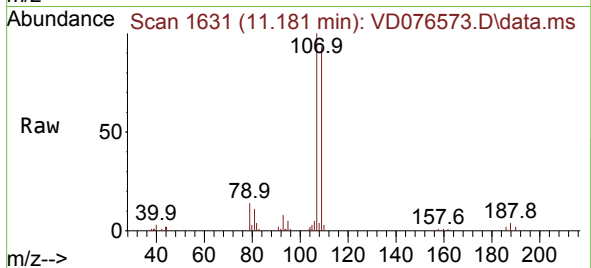
VSTDCCC050EC

Tgt Ion:107 Resp: 50336

Ion Ratio Lower Upper

107 100

109 95.0 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 52.165 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VD076573.D

Acq: 23 Jun 2023 22:33

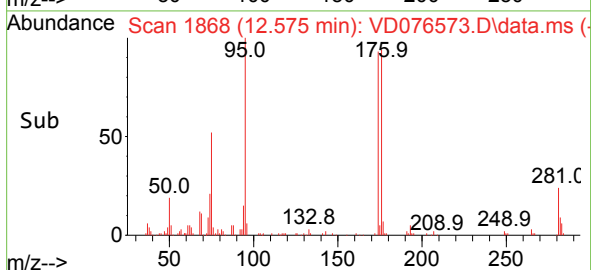
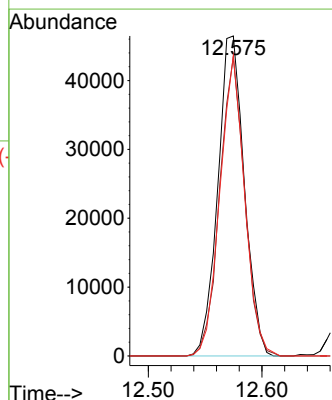
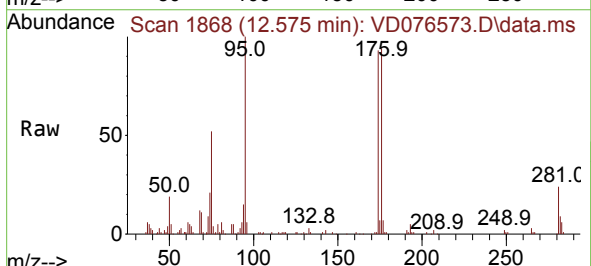
Tgt Ion: 95 Resp: 75453

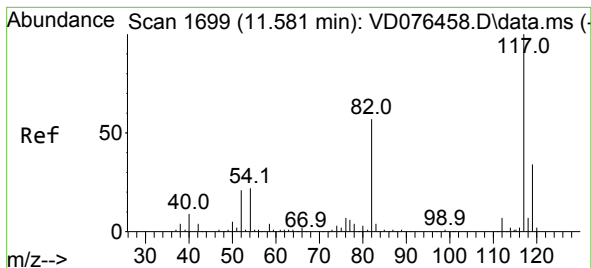
Ion Ratio Lower Upper

95 100

174 87.7 0.0 201.8

176 87.2 0.0 191.8

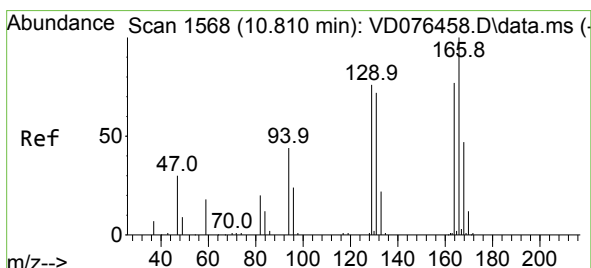
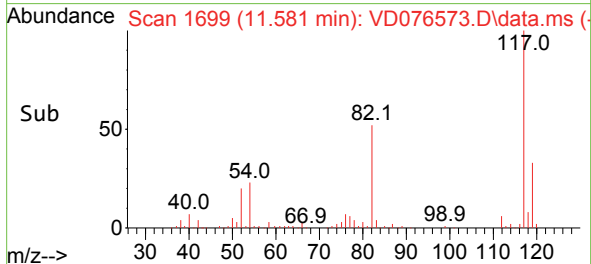
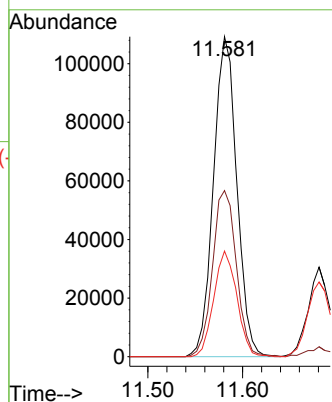
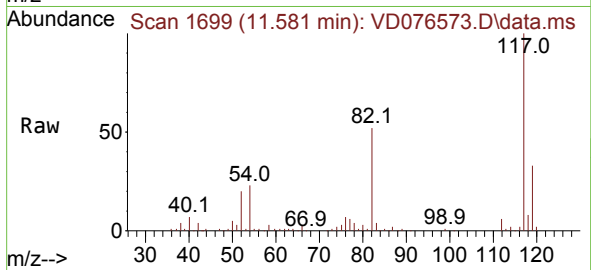




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076573.D
Acq: 23 Jun 2023 22:33

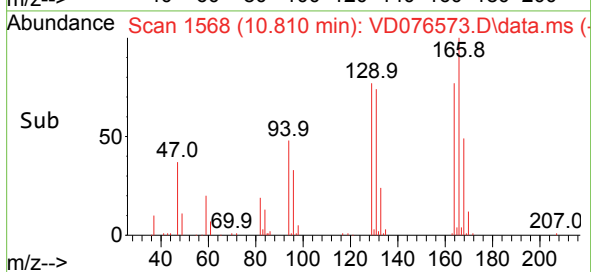
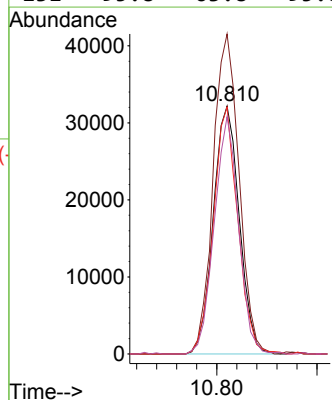
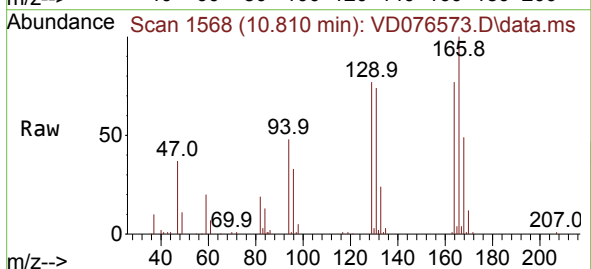
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

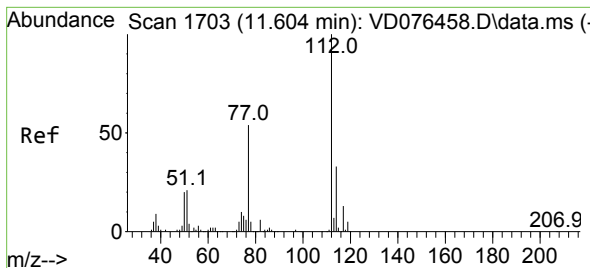
Tgt Ion:117 Resp: 186929
Ion Ratio Lower Upper
117 100
82 51.9 38.3 57.5
119 33.0 25.0 37.4



#64
Tetrachloroethene
Concen: 51.621 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD076573.D
Acq: 23 Jun 2023 22:33

Tgt Ion:164 Resp: 57922
Ion Ratio Lower Upper
164 100
166 129.1 99.2 148.8
129 99.7 68.4 102.6
131 95.8 63.8 95.8#

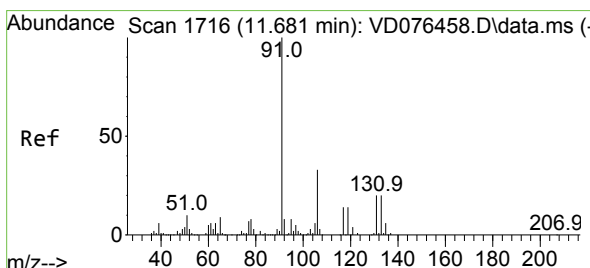
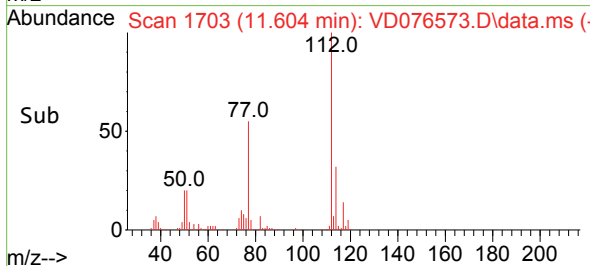
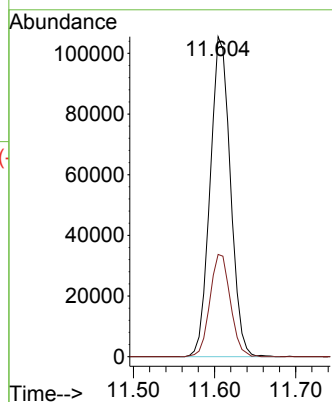
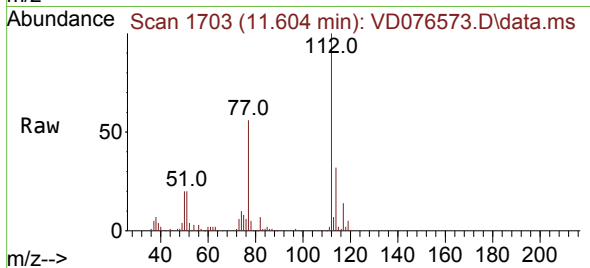




#65
Chlorobenzene
Concen: 51.513 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VD076573.D
Acq: 23 Jun 2023 22:33

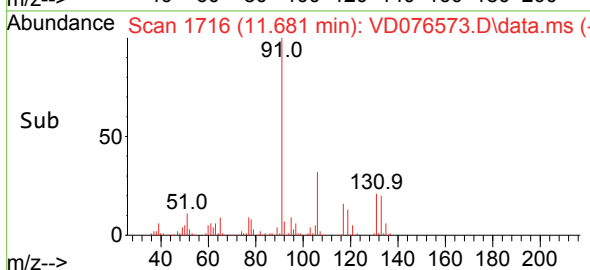
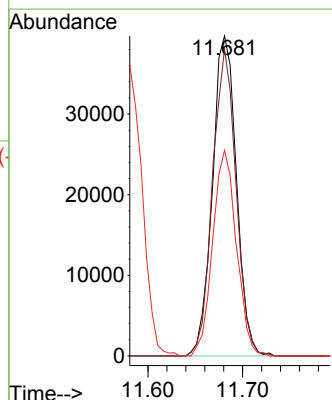
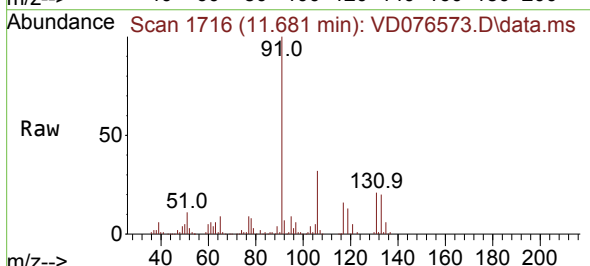
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

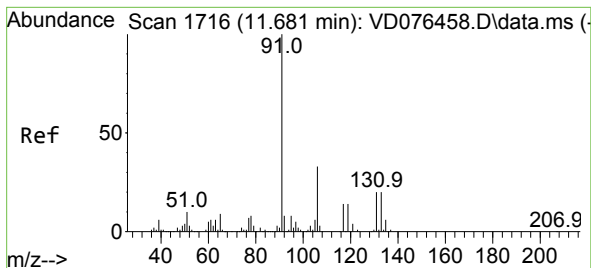
Tgt Ion:112 Resp: 182937
Ion Ratio Lower Upper
112 100
114 32.0 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 54.955 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076573.D
Acq: 23 Jun 2023 22:33

Tgt Ion:131 Resp: 69796
Ion Ratio Lower Upper
131 100
133 94.1 48.5 145.5
119 63.6 35.6 106.9

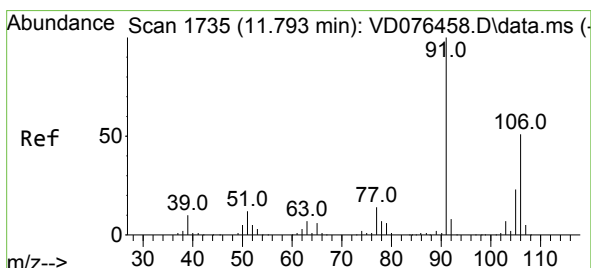
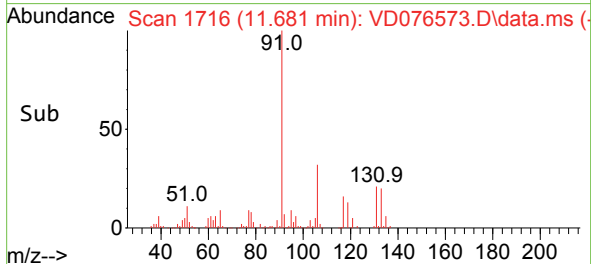
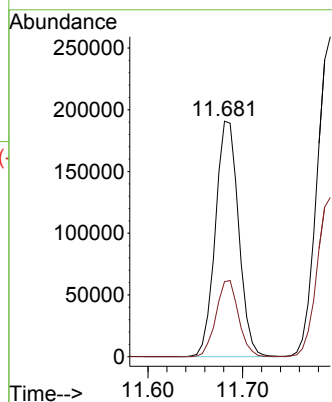
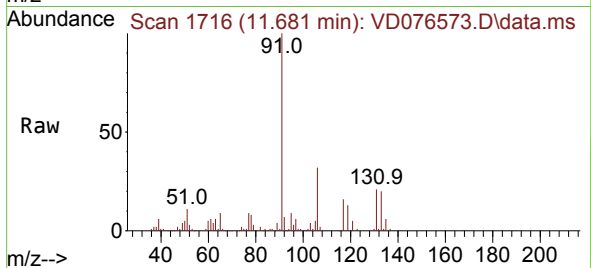




#67
Ethyl Benzene
Concen: 51.714 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076573.D
Acq: 23 Jun 2023 22:33

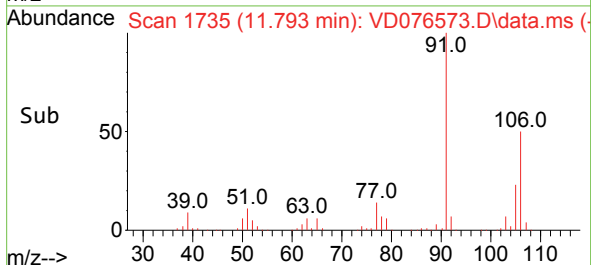
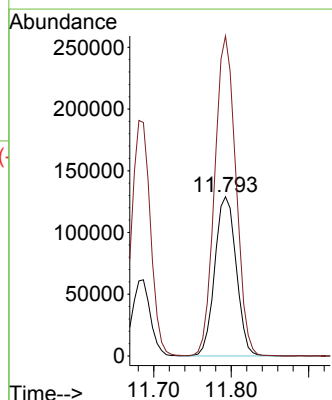
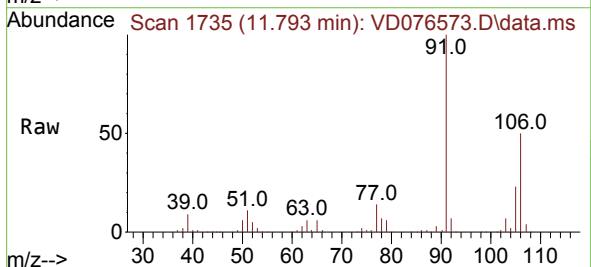
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

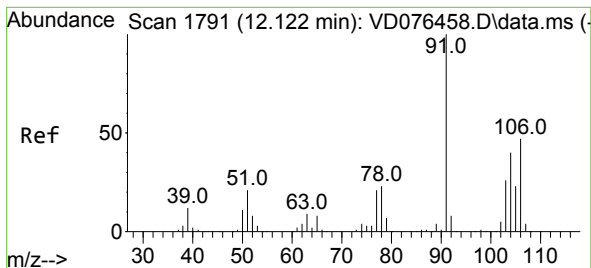
Tgt Ion: 91 Resp: 325411
Ion Ratio Lower Upper
91 100
106 31.9 26.5 39.7



#68
m/p-Xylenes
Concen: 100.781 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD076573.D
Acq: 23 Jun 2023 22:33

Tgt Ion:106 Resp: 247554
Ion Ratio Lower Upper
106 100
91 199.0 147.0 220.6





#69

o-Xylene

Concen: 51.231 ug/l

RT: 12.122 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD076573.D

Acq: 23 Jun 2023 22:33

Instrument :

MSVOA_D

ClientSampleId :

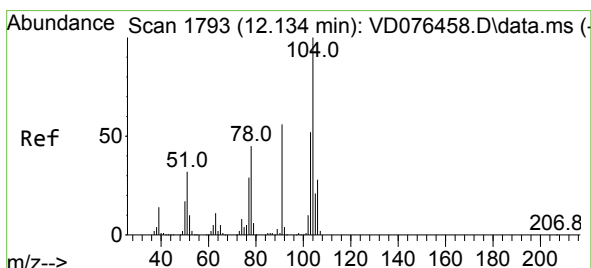
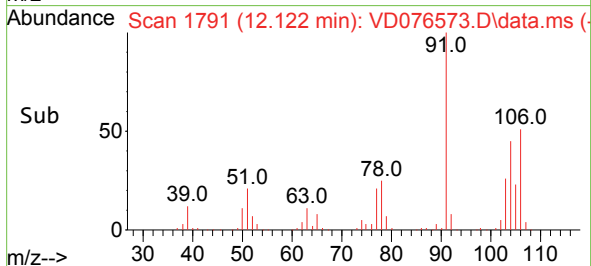
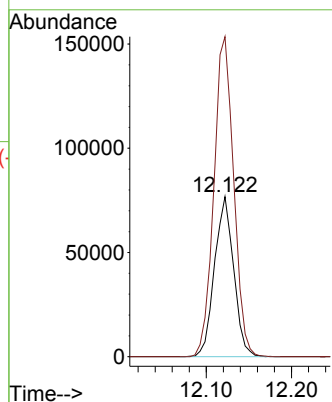
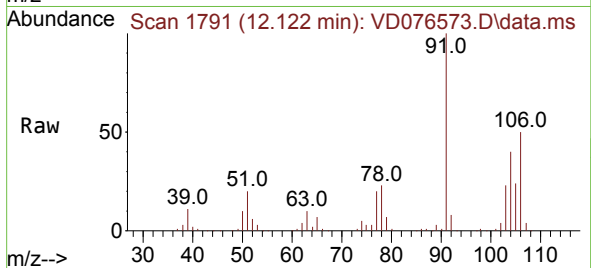
VSTDCCC050EC

Tgt Ion:106 Resp: 119791

Ion Ratio Lower Upper

106 100

91 207.1 97.9 293.6



#70

Styrene

Concen: 51.354 ug/l

RT: 12.134 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VD076573.D

Acq: 23 Jun 2023 22:33

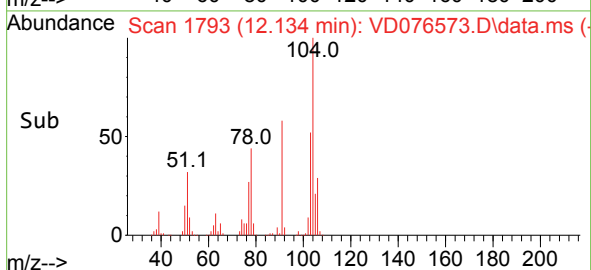
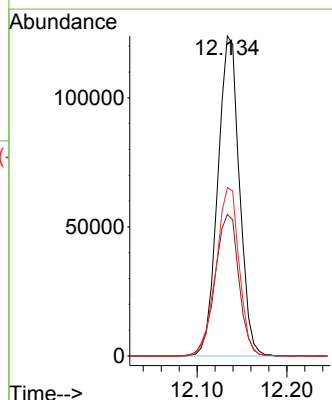
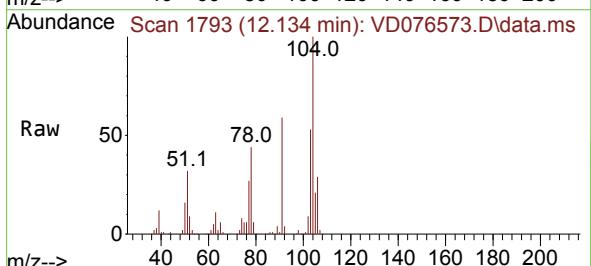
Tgt Ion:104 Resp: 207425

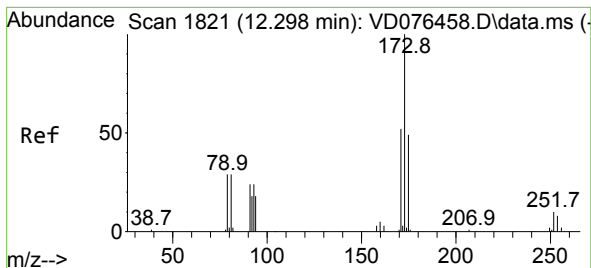
Ion Ratio Lower Upper

104 100

78 49.1 33.2 49.8

103 56.1 43.6 65.4





#71

Bromoform

Concen: 56.033 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. -0.000 min

Lab File: VD076573.D

Acq: 23 Jun 2023 22:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

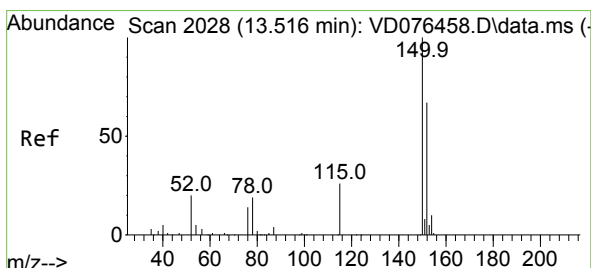
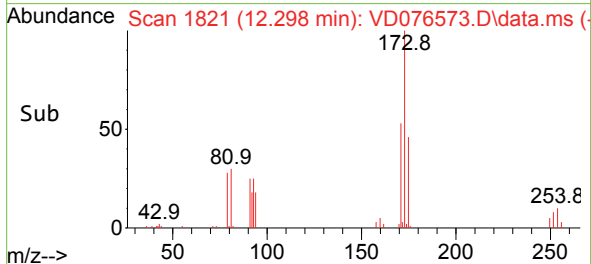
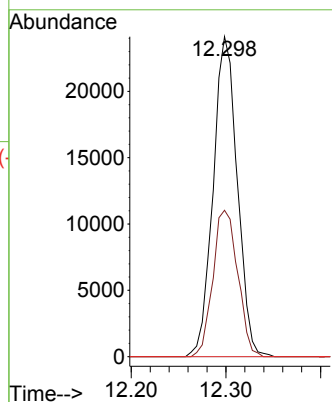
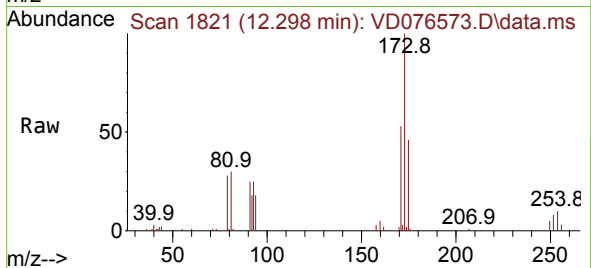
Tgt Ion:173 Resp: 42729

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. -0.000 min

Lab File: VD076573.D

Acq: 23 Jun 2023 22:33

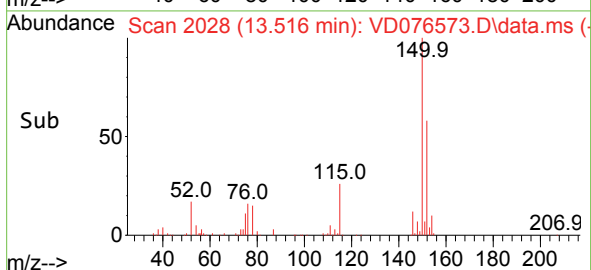
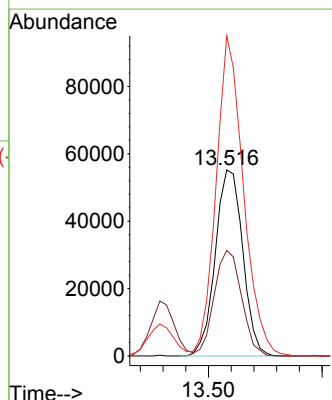
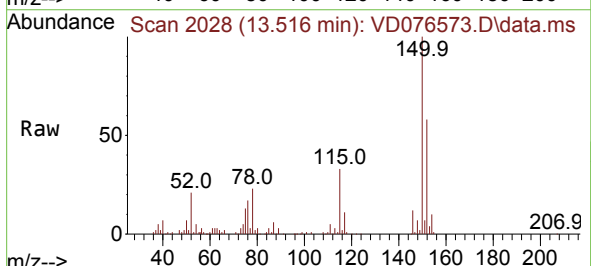
Tgt Ion:152 Resp: 92828

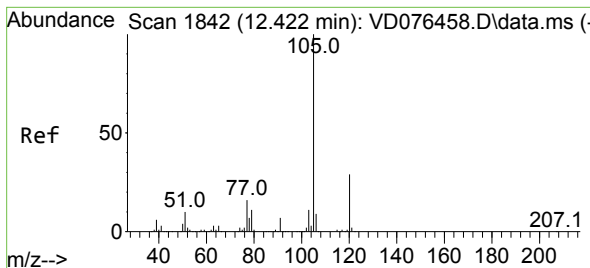
Ion Ratio Lower Upper

152 100

115 56.5 27.1 81.3

150 171.7 0.0 353.6





#73

Isopropylbenzene

Concen: 50.022 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. -0.000 min

Lab File: VD076573.D

Acq: 23 Jun 2023 22:33

Instrument :

MSVOA_D

ClientSampleId :

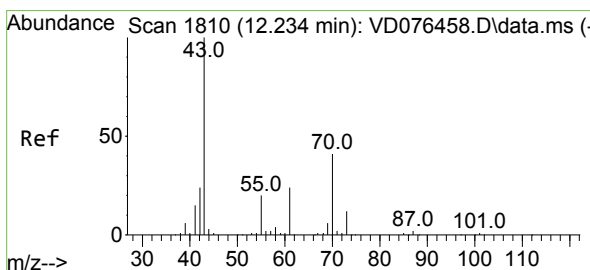
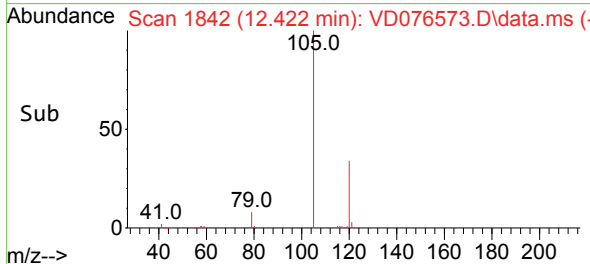
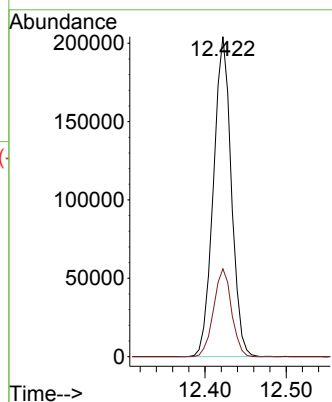
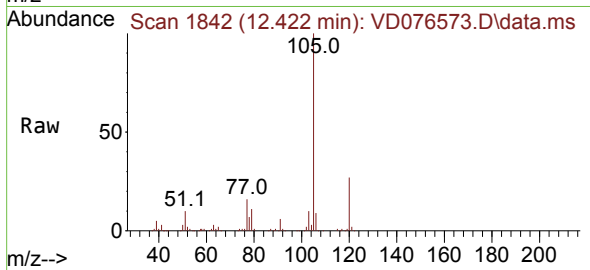
VSTDCCC050EC

Tgt Ion:105 Resp: 312632

Ion Ratio Lower Upper

105 100

120 27.5 14.3 42.9



#74

N-ethyl acetate

Concen: 44.866 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VD076573.D

Acq: 23 Jun 2023 22:33

Tgt Ion: 43 Resp: 82091

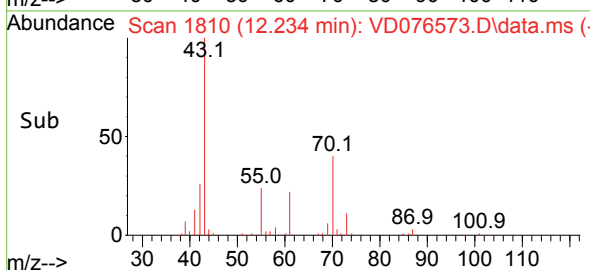
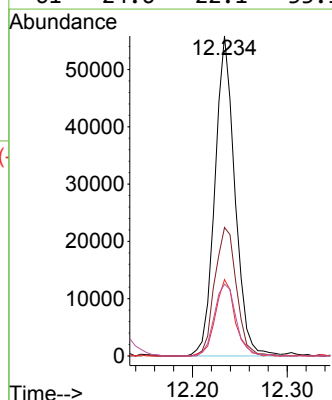
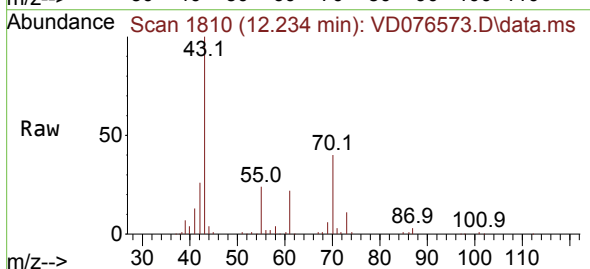
Ion Ratio Lower Upper

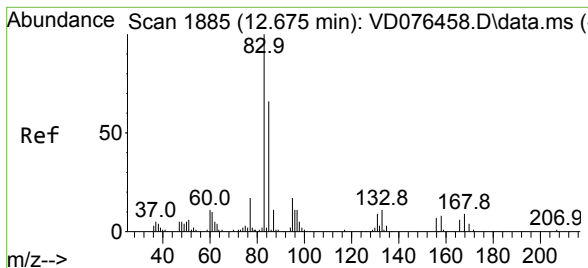
43 100

70 43.7 45.0 67.4#

55 23.6 23.8 35.6#

61 24.6 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 51.243 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VD076573.D

Acq: 23 Jun 2023 22:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

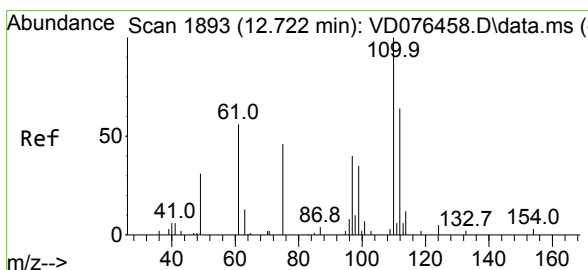
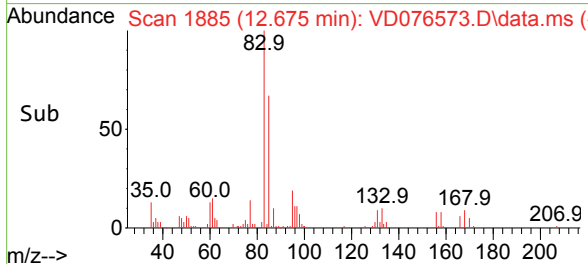
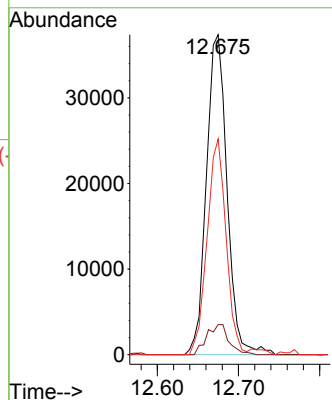
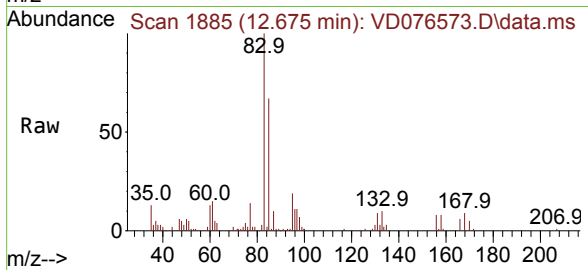
Tgt Ion: 83 Resp: 66087

Ion Ratio Lower Upper

83 100

131 10.1 5.1 15.3

85 61.9 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 87.688 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. -0.000 min

Lab File: VD076573.D

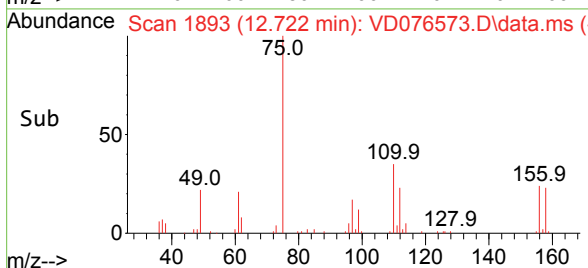
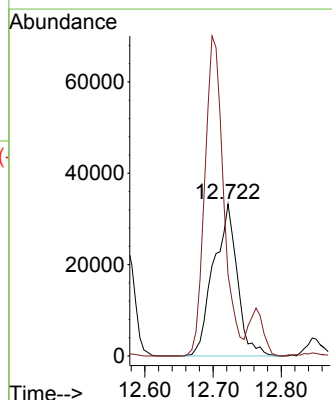
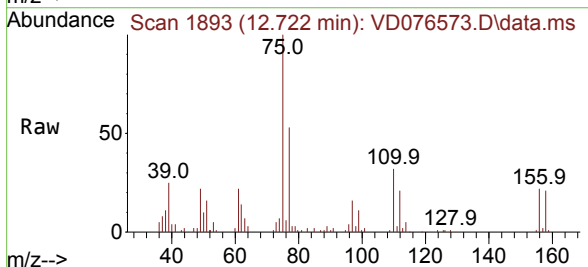
Acq: 23 Jun 2023 22:33

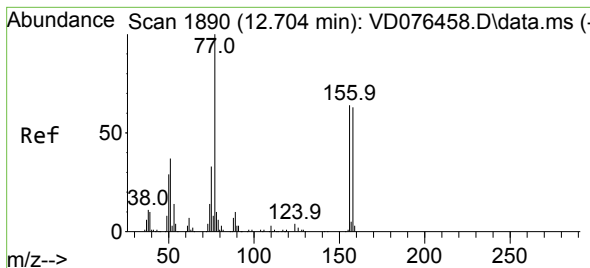
Tgt Ion: 75 Resp: 80786

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.538 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. -0.006 min

Lab File: VD076573.D

Acq: 23 Jun 2023 22:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

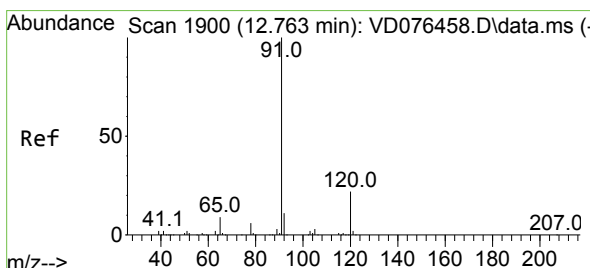
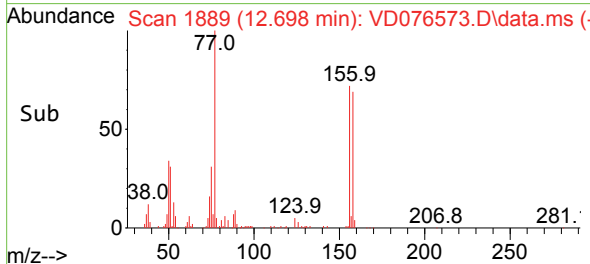
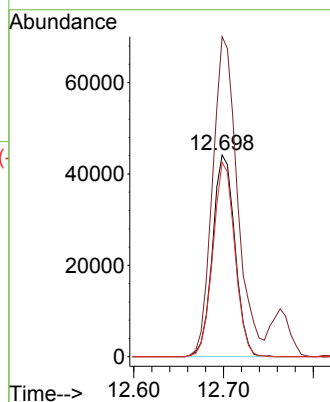
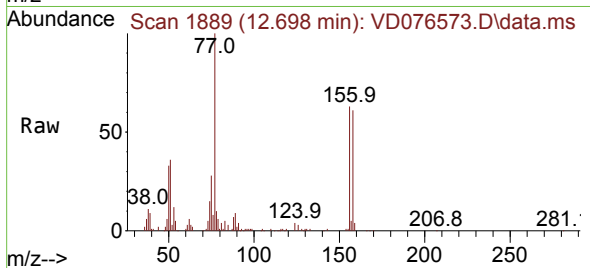
Tgt Ion:156 Resp: 76383

Ion Ratio Lower Upper

156 100

77 176.7 76.8 230.4

158 94.3 48.6 145.9



#78

n-propylbenzene

Concen: 49.010 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. -0.000 min

Lab File: VD076573.D

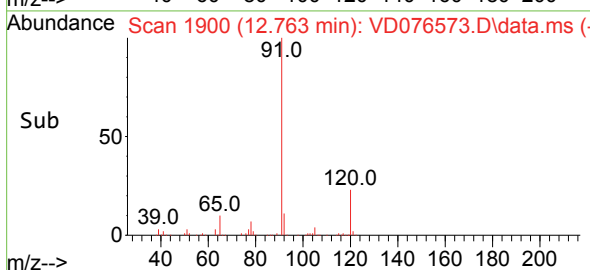
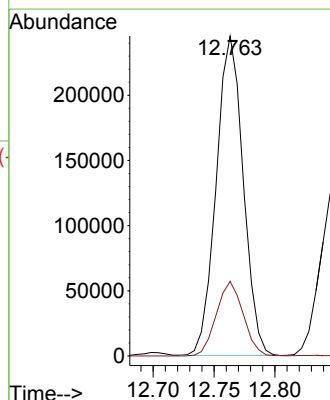
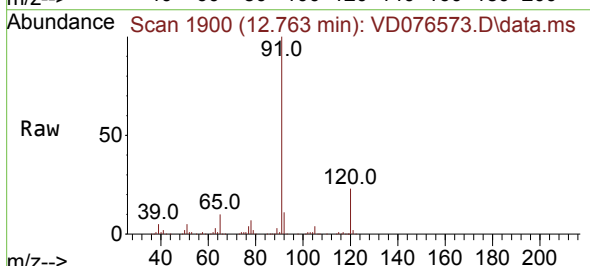
Acq: 23 Jun 2023 22:33

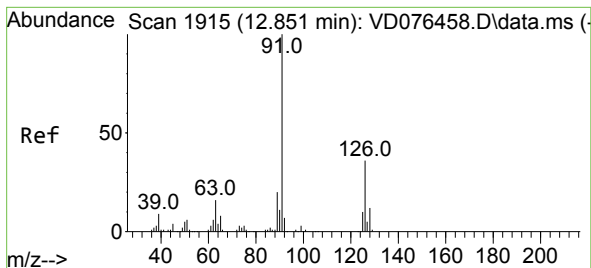
Tgt Ion: 91 Resp: 378207

Ion Ratio Lower Upper

91 100

120 23.2 12.4 37.2





#79

2-Chlorotoluene

Concen: 49.796 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. -0.000 min

Lab File: VD076573.D

Acq: 23 Jun 2023 22:33

Instrument :

MSVOA_D

ClientSampleId :

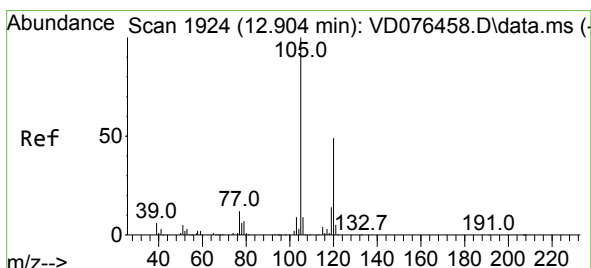
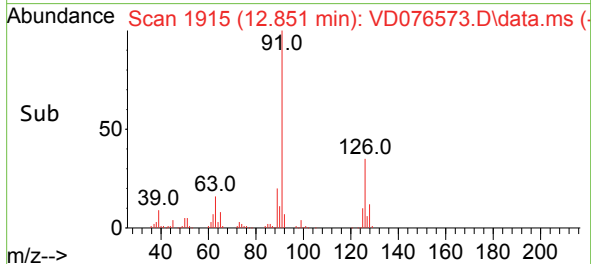
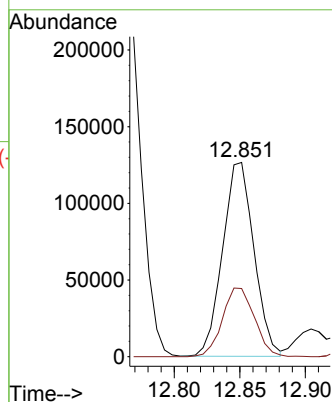
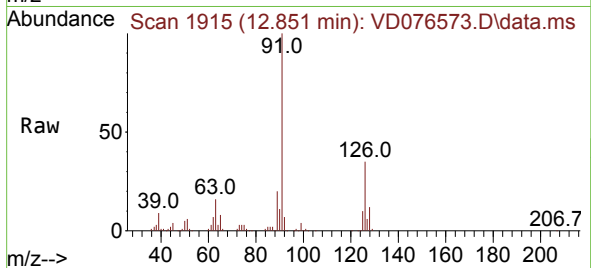
VSTDCCC050EC

Tgt Ion: 91 Resp: 211017

Ion Ratio Lower Upper

91 100

126 36.1 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 50.311 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. -0.000 min

Lab File: VD076573.D

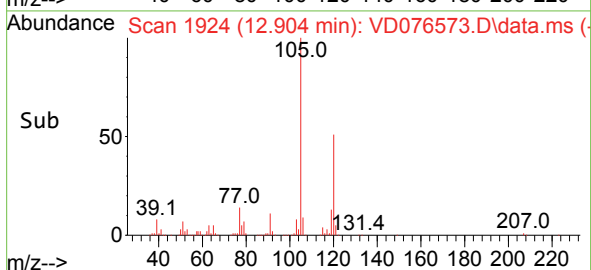
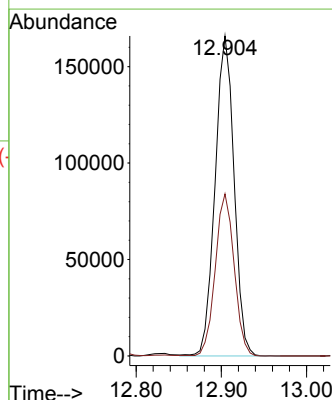
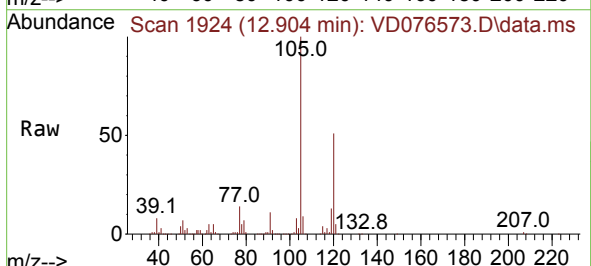
Acq: 23 Jun 2023 22:33

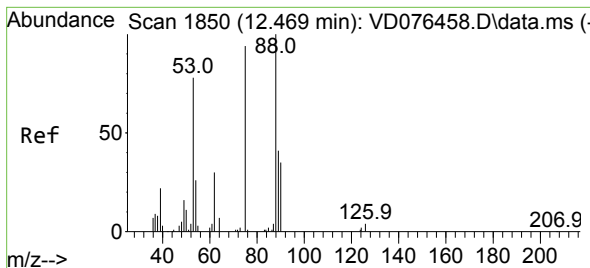
Tgt Ion: 105 Resp: 256785

Ion Ratio Lower Upper

105 100

120 50.4 26.4 79.2

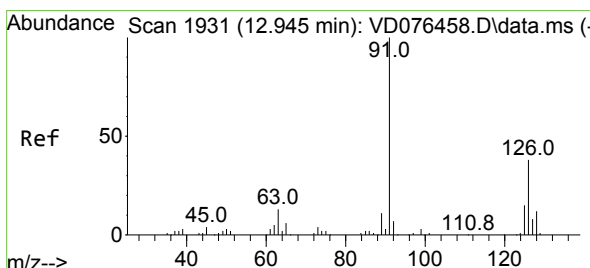
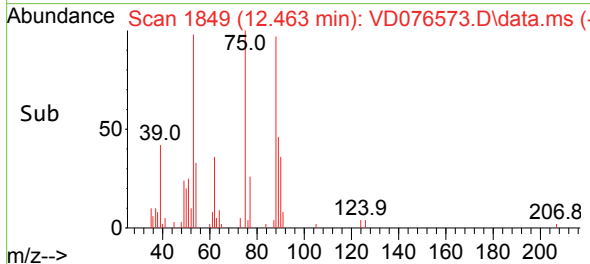
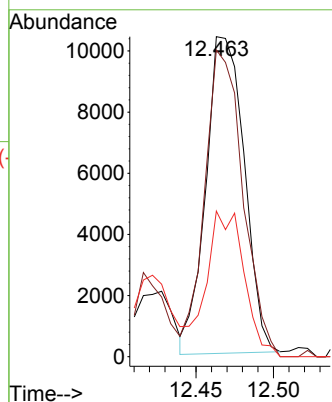
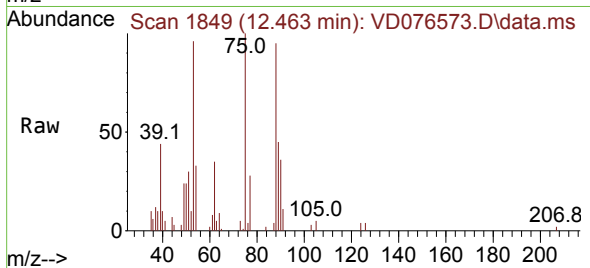




#81
trans-1,4-Dichloro-2-butene
Concen: 42.462 ug/l
RT: 12.463 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VD076573.D
Acq: 23 Jun 2023 22:33

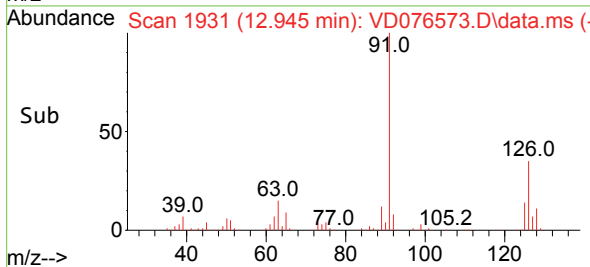
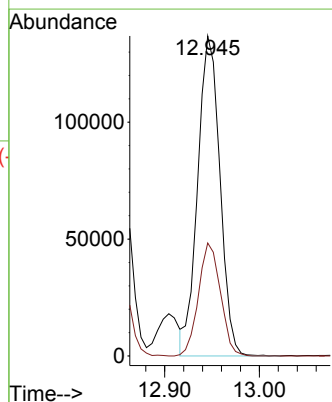
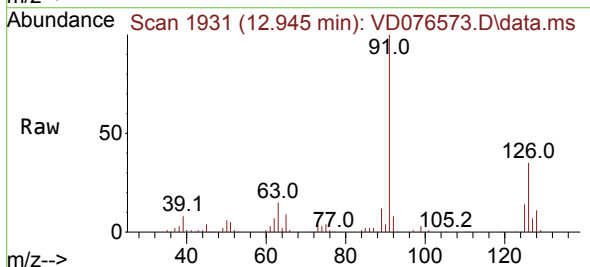
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

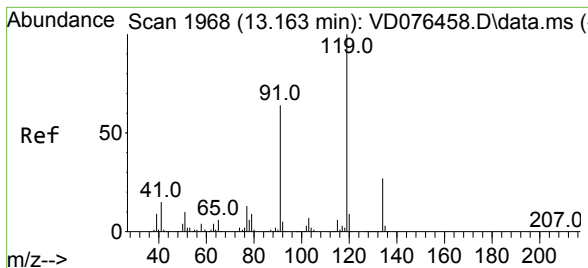
Tgt Ion: 75 Resp: 17853
Ion Ratio Lower Upper
75 100
53 96.6 63.0 94.4#
89 45.9 37.9 56.9



#82
4-Chlorotoluene
Concen: 50.712 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD076573.D
Acq: 23 Jun 2023 22:33

Tgt Ion: 91 Resp: 223178
Ion Ratio Lower Upper
91 100
126 34.8 19.4 58.4





#83

tert-Butylbenzene

Concen: 50.637 ug/l

RT: 13.169 min Scan# 1968

Delta R.T. 0.006 min

Lab File: VD076573.D

Acq: 23 Jun 2023 22:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

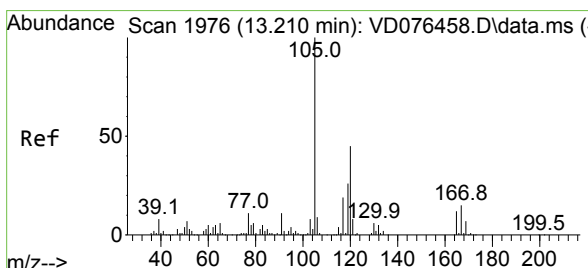
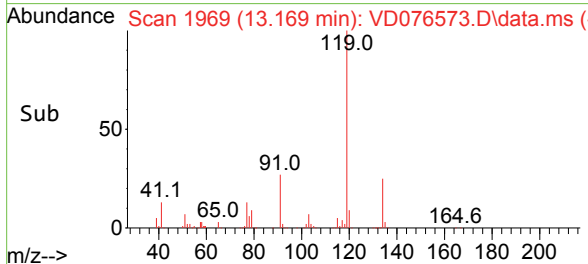
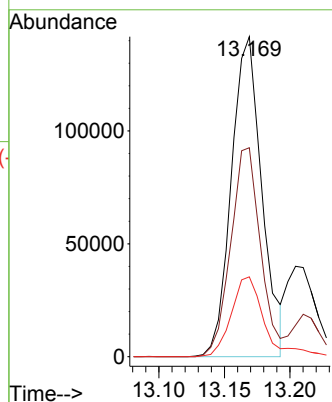
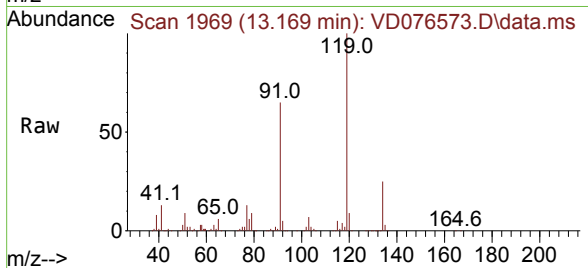
Tgt Ion:119 Resp: 229643

Ion Ratio Lower Upper

119 100

91 63.8 29.3 87.8

134 27.0 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 51.598 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. -0.000 min

Lab File: VD076573.D

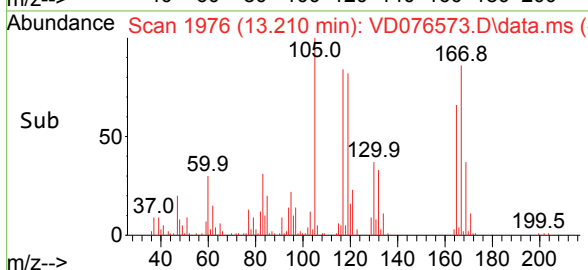
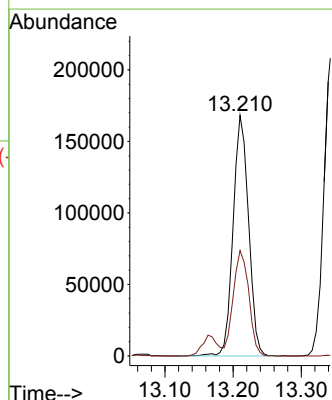
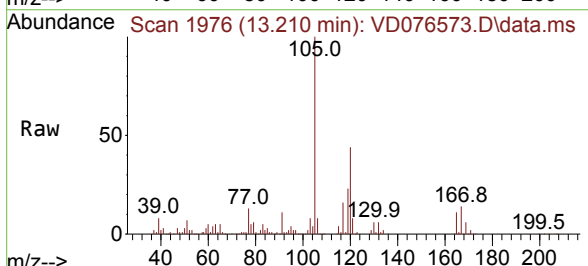
Acq: 23 Jun 2023 22:33

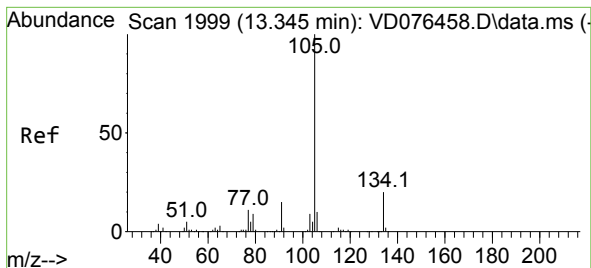
Tgt Ion:105 Resp: 265394

Ion Ratio Lower Upper

105 100

120 44.1 24.3 72.9





#85

sec-Butylbenzene

Concen: 50.315 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VD076573.D

Acq: 23 Jun 2023 22:33

Instrument :

MSVOA_D

ClientSampleId :

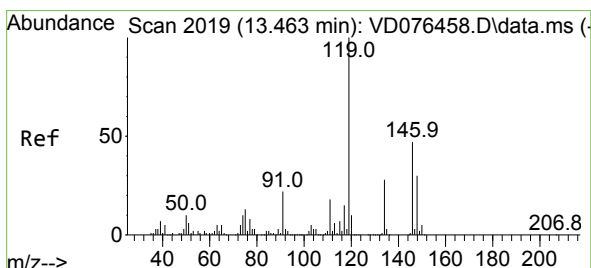
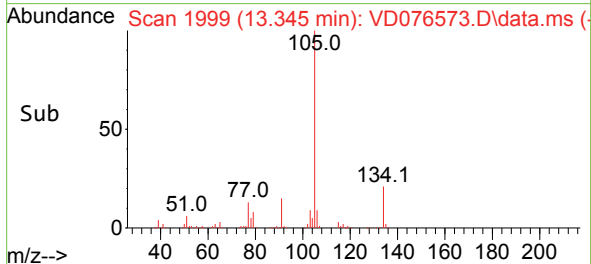
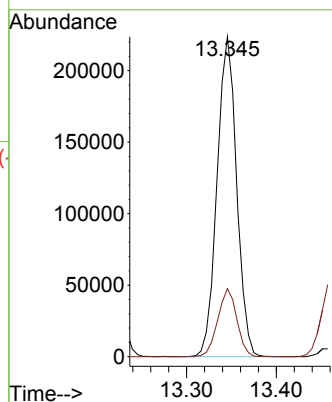
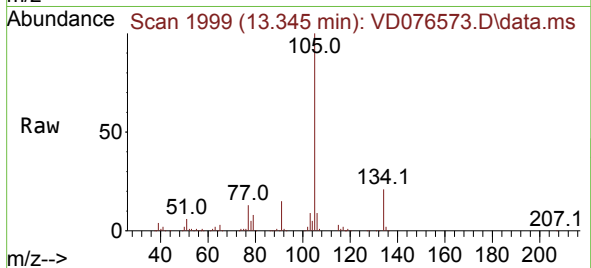
VSTDCCC050EC

Tgt Ion:105 Resp: 338624

Ion Ratio Lower Upper

105 100

134 20.7 10.9 32.9



#86

p-Isopropyltoluene

Concen: 49.347 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.006 min

Lab File: VD076573.D

Acq: 23 Jun 2023 22:33

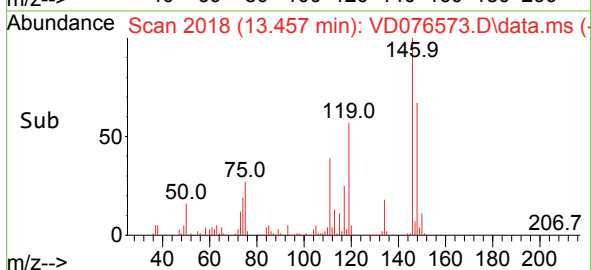
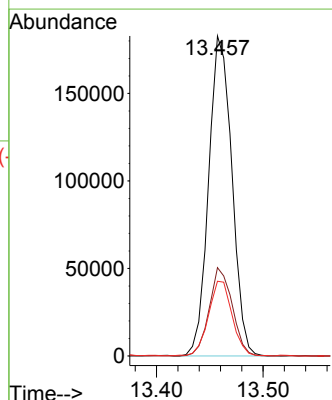
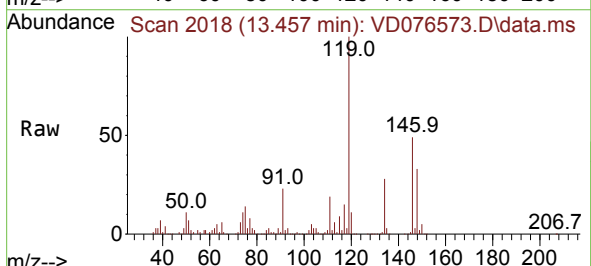
Tgt Ion:119 Resp: 277504

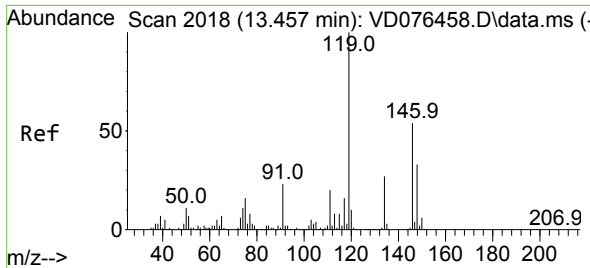
Ion Ratio Lower Upper

119 100

134 27.3 14.2 42.6

91 23.9 10.5 31.5

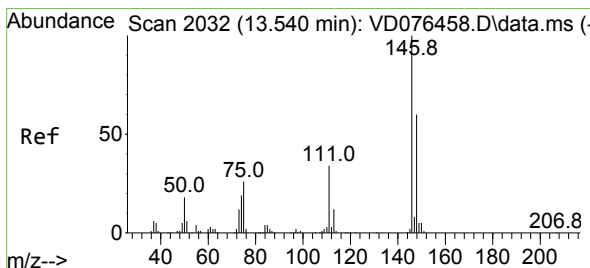
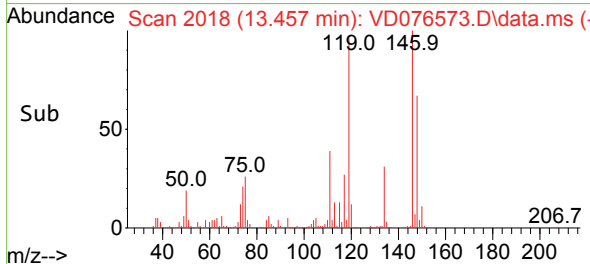
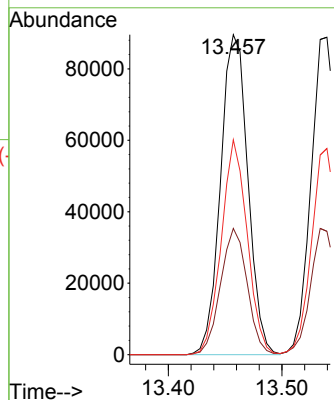
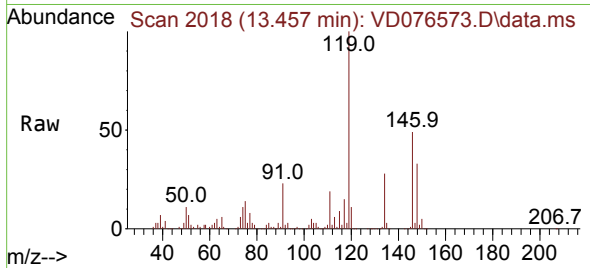




#87
1,3-Dichlorobenzene
Concen: 49.453 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD076573.D
Acq: 23 Jun 2023 22:33

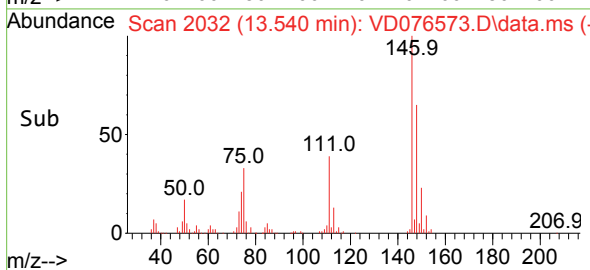
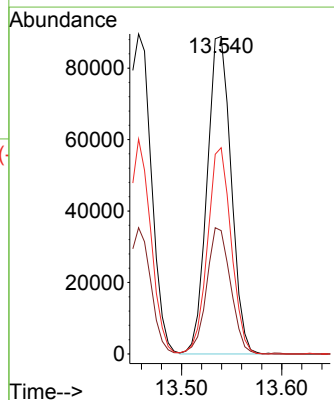
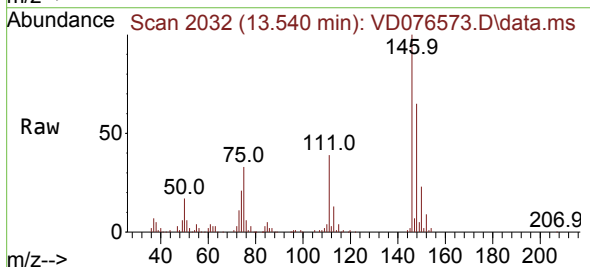
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

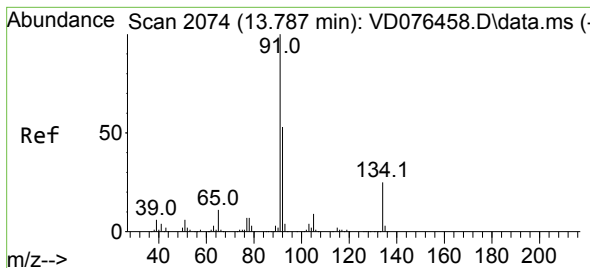
Tgt Ion:146 Resp: 149781
Ion Ratio Lower Upper
146 100
111 38.6 17.9 53.8
148 63.7 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 48.990 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD076573.D
Acq: 23 Jun 2023 22:33

Tgt Ion:146 Resp: 147983
Ion Ratio Lower Upper
146 100
111 39.7 17.4 52.3
148 64.0 31.7 95.1





#89

n-Butylbenzene

Concen: 48.847 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. -0.000 min

Lab File: VD076573.D

Acq: 23 Jun 2023 22:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

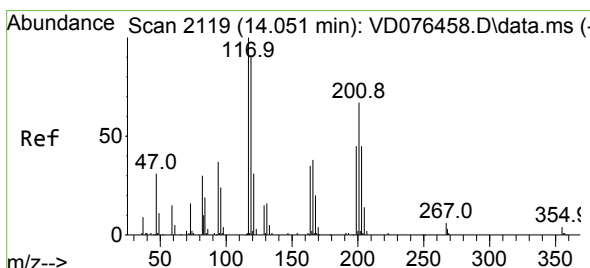
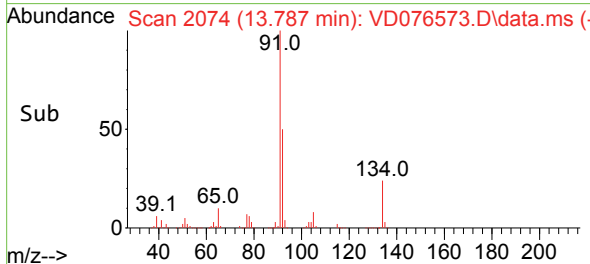
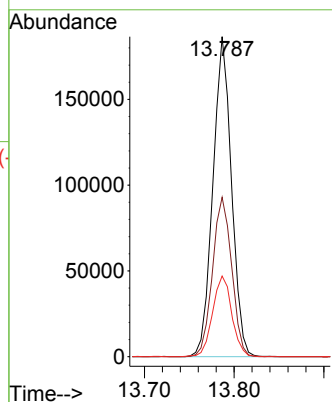
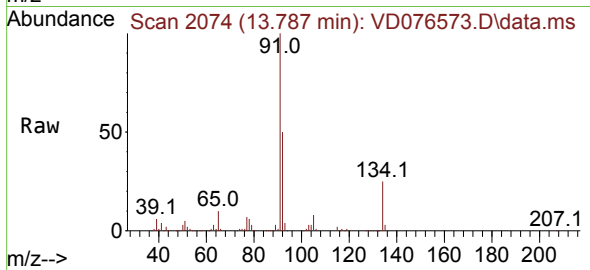
Tgt Ion: 91 Resp: 267923

Ion Ratio Lower Upper

91 100

92 51.4 26.5 79.5

134 26.1 13.8 41.3



#90

Hexachloroethane

Concen: 47.921 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. -0.000 min

Lab File: VD076573.D

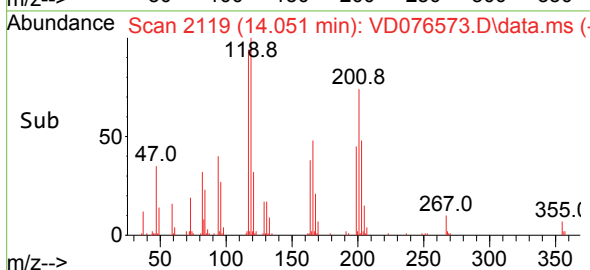
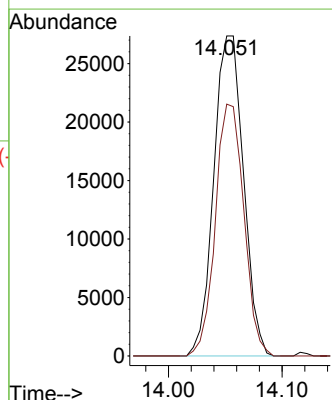
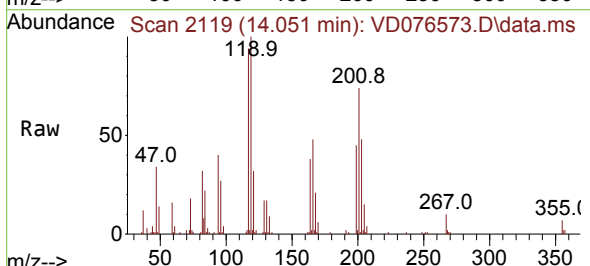
Acq: 23 Jun 2023 22:33

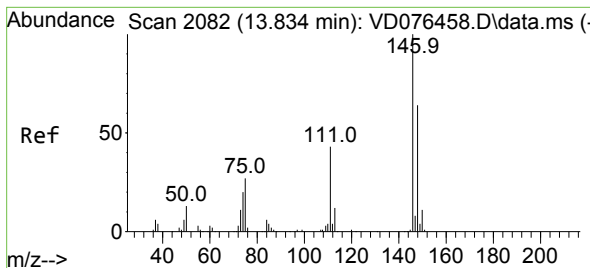
Tgt Ion: 117 Resp: 49730

Ion Ratio Lower Upper

117 100

201 75.4 38.5 115.5





#91

1,2-Dichlorobenzene

Concen: 49.989 ug/l

RT: 13.834 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VD076573.D

Acq: 23 Jun 2023 22:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

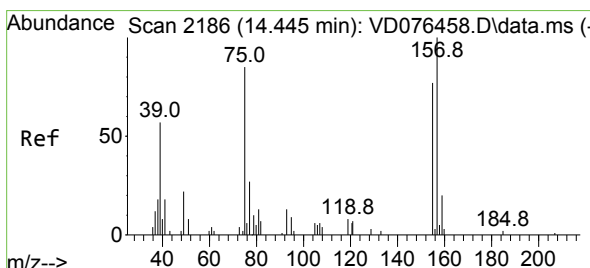
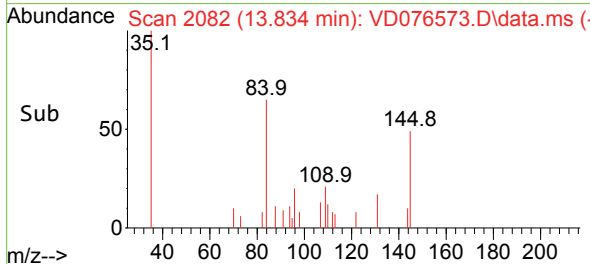
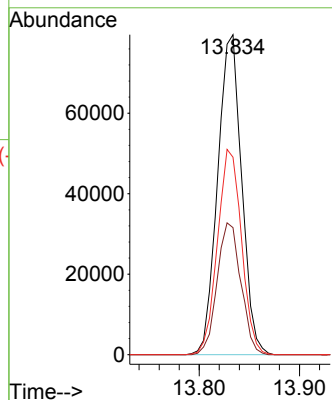
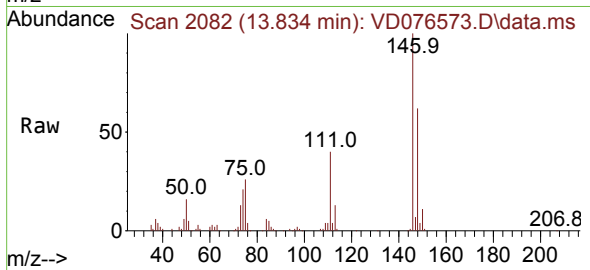
Tgt Ion:146 Resp: 132303

Ion Ratio Lower Upper

146 100

111 40.7 18.3 54.8

148 64.3 31.6 94.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.725 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. -0.000 min

Lab File: VD076573.D

Acq: 23 Jun 2023 22:33

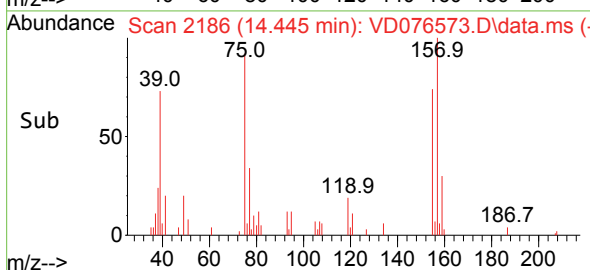
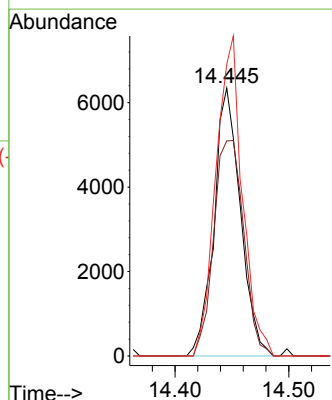
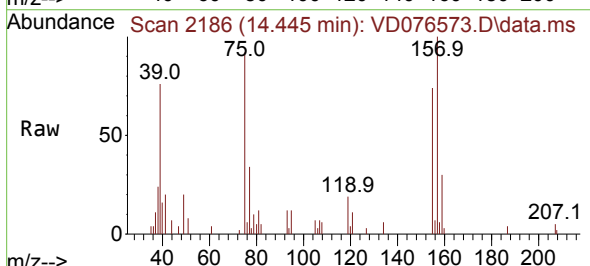
Tgt Ion: 75 Resp: 10235

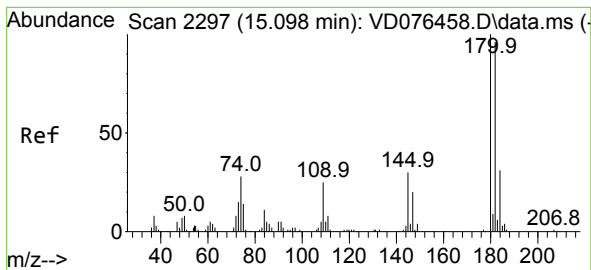
Ion Ratio Lower Upper

75 100

155 91.7 47.9 143.8

157 120.0 59.9 179.7

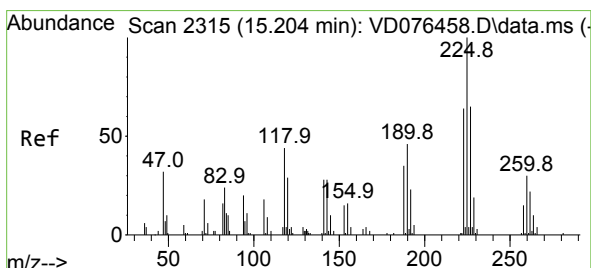
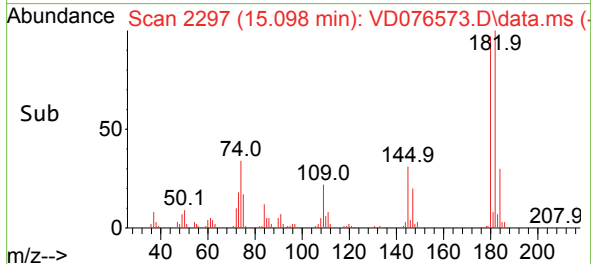
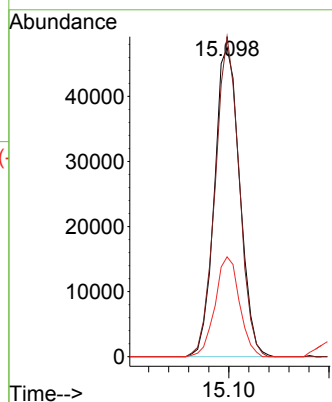
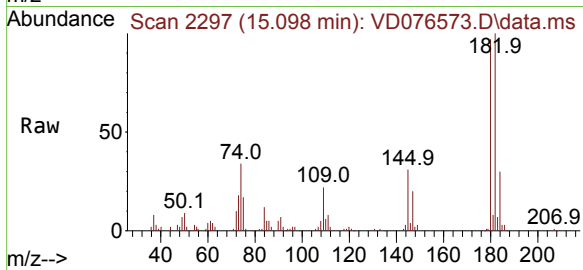




#93
 1,2,4-Trichlorobenzene
 Concen: 47.016 ug/l
 RT: 15.098 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VD076573.D
 Acq: 23 Jun 2023 22:33

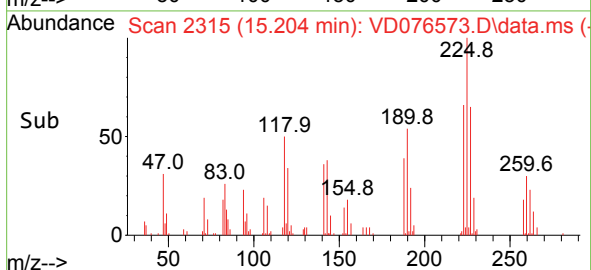
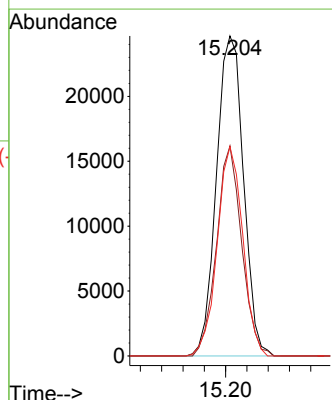
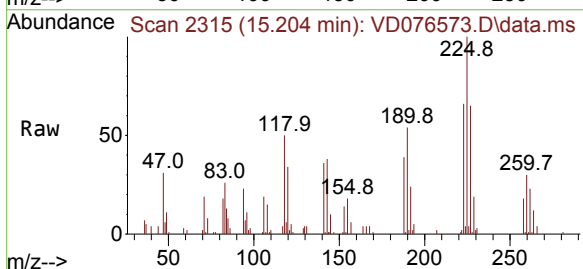
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

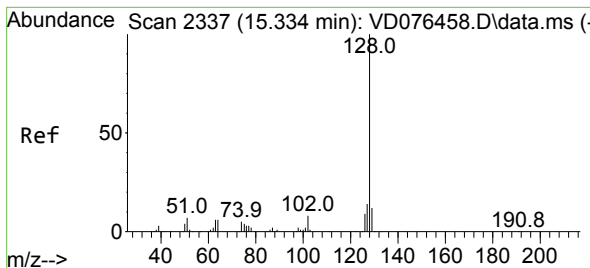
Tgt Ion:180 Resp: 82929
 Ion Ratio Lower Upper
 180 100
 182 98.3 48.5 145.6
 145 31.2 14.2 42.6



#94
 Hexachlorobutadiene
 Concen: 50.670 ug/l
 RT: 15.204 min Scan# 2315
 Delta R.T. -0.000 min
 Lab File: VD076573.D
 Acq: 23 Jun 2023 22:33

Tgt Ion:225 Resp: 43451
 Ion Ratio Lower Upper
 225 100
 223 61.0 31.6 94.8
 227 61.8 31.7 95.1





#95

Naphthalene

Concen: 50.190 ug/l

RT: 15.334 min Scan# 21

Delta R.T. -0.000 min

Lab File: VD076573.D

Acq: 23 Jun 2023 22:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

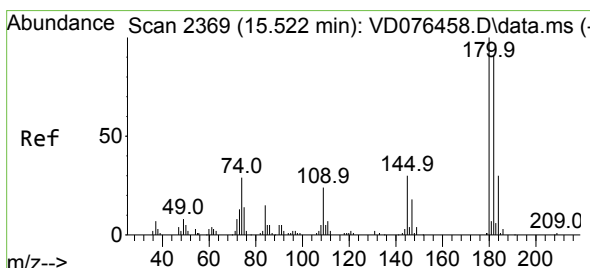
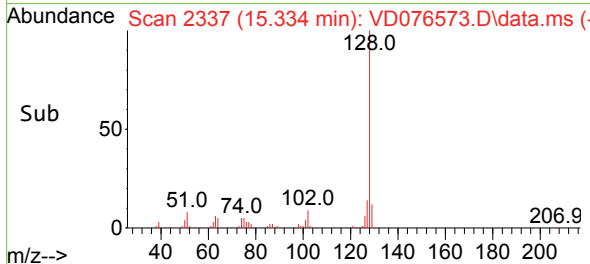
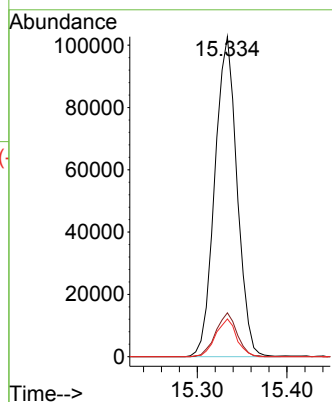
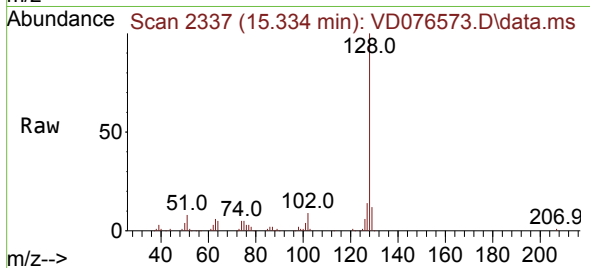
Tgt Ion:128 Resp: 177024

Ion Ratio Lower Upper

128 100

127 13.7 10.5 15.7

129 11.8 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 48.070 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. -0.000 min

Lab File: VD076573.D

Acq: 23 Jun 2023 22:33

Tgt Ion:180 Resp: 73871

Ion Ratio Lower Upper

180 100

182 96.1 47.3 141.9

145 31.9 15.1 45.3

