

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071223\
 Data File : VD076733.D
 Acq On : 12 Jul 2023 15:49
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 13 01:21:34 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	7.869	168	138293	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	260619	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	238128	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	112762	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	67279	48.557	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.120%
35) Dibromofluoromethane	7.805	113	72465	46.804	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.600%
50) Toluene-d8	10.269	98	251028	42.752	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	85.500%
62) 4-Bromofluorobenzene	12.575	95	83197	43.659	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	87.320%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	53634	51.039	ug/l	98
3) Chloromethane	2.146	50	120588	55.177	ug/l	97
4) Vinyl Chloride	2.275	62	162236	66.547	ug/l	98
5) Bromomethane	2.675	94	98075	61.871	ug/l	98
6) Chloroethane	2.822	64	118781	71.087	ug/l	97
7) Trichlorofluoromethane	3.158	101	107617	53.640	ug/l	100
8) Diethyl Ether	3.587	74	35555	47.089	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.952	101	73043	56.531	ug/l	91
10) Methyl Iodide	4.152	142	58200	37.993	ug/l	91
11) Tert butyl alcohol	5.064	59	26518	221.665	ug/l #	85
12) 1,1-Dichloroethene	3.934	96	65037	51.395	ug/l	88
13) Acrolein	3.793	56	36043	279.717	ug/l	97
14) Allyl chloride	4.552	41	94367	40.777	ug/l #	88
15) Acrylonitrile	5.252	53	94187	242.584	ug/l	98
16) Acetone	4.017	43	84842	257.320	ug/l #	76
17) Carbon Disulfide	4.258	76	160216	46.338	ug/l	96
18) Methyl Acetate	4.558	43	66541	43.792	ug/l #	88
19) Methyl tert-butyl Ether	5.311	73	177919	51.401	ug/l #	91
20) Methylene Chloride	4.793	84	93502	50.702	ug/l	89
21) trans-1,2-Dichloroethene	5.305	96	75292	51.478	ug/l	92
22) Diisopropyl ether	6.205	45	233515	46.665	ug/l #	94
23) Vinyl Acetate	6.146	43	561889	226.532	ug/l #	92
24) 1,1-Dichloroethane	6.111	63	147957	52.949	ug/l	98
25) 2-Butanone	7.075	43	120451	236.193	ug/l #	87
26) 2,2-Dichloropropane	7.075	77	125438	52.067	ug/l	94
27) cis-1,2-Dichloroethene	7.069	96	94724	53.513	ug/l	91
28) Bromochloromethane	7.422	49	40341	50.115	ug/l #	72
29) Tetrahydrofuran	7.440	42	73011	222.777	ug/l	86
30) Chloroform	7.593	83	157377	56.879	ug/l	99
31) Cyclohexane	7.869	56	110645	51.608	ug/l	85
32) 1,1,1-Trichloroethane	7.787	97	127662	57.079	ug/l	98
36) 1,1-Dichloropropene	8.005	75	109484	50.497	ug/l	95
37) Ethyl Acetate	7.163	43	52526	41.808	ug/l #	95
38) Carbon Tetrachloride	7.987	117	101909	52.588	ug/l	98
39) Methylcyclohexane	9.269	83	128530	50.516	ug/l	96
40) Benzene	8.246	78	328197	49.638	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	30056	42.366	ug/l #	86
42) 1,2-Dichloroethane	8.322	62	88223	49.382	ug/l	95
43) Isopropyl Acetate	8.357	43	98033	41.216	ug/l	90
44) Trichloroethene	9.022	130	81528	45.710	ug/l	92
45) 1,2-Dichloropropane	9.299	63	87051	48.559	ug/l	98
46) Dibromomethane	9.393	93	47834	49.810	ug/l #	87
47) Bromodichloromethane	9.581	83	123771	53.857	ug/l #	98
48) Methyl methacrylate	9.381	41	45934	42.134	ug/l #	79
49) 1,4-Dioxane	9.381	88	11812	1026.577	ug/l #	83
51) 4-Methyl-2-Pentanone	10.157	43	274010	225.365	ug/l	88
52) Toluene	10.334	92	206462	49.761	ug/l	99
53) t-1,3-Dichloropropene	10.552	75	113356	48.609	ug/l	96
54) cis-1,3-Dichloropropene	10.016	75	133692	48.355	ug/l #	89
55) 1,1,2-Trichloroethane	10.734	97	67508	50.255	ug/l	96
56) Ethyl methacrylate	10.599	69	83261	47.470	ug/l #	82
57) 1,3-Dichloropropane	10.881	76	115787	50.344	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	162741	218.852	ug/l	93
59) 2-Hexanone	10.922	43	192476	227.580	ug/l	87
60) Dibromochloromethane	11.075	129	76343	48.834	ug/l	97
61) 1,2-Dibromoethane	11.181	107	61169	48.508	ug/l	100
64) Tetrachloroethene	10.810	164	63512	44.433	ug/l	88
65) Chlorobenzene	11.604	112	221752	49.017	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	79836	49.345	ug/l	98
67) Ethyl Benzene	11.681	91	413215	51.548	ug/l	96
68) m/p-Xylenes	11.793	106	313973	100.338	ug/l	91
69) o-Xylene	12.122	106	148157	49.739	ug/l	92
70) Styrene	12.134	104	258699	50.277	ug/l	97
71) Bromoform	12.298	173	42697	43.953	ug/l #	99
73) Isopropylbenzene	12.422	105	397791	52.396	ug/l	95
74) N-amyl acetate	12.234	43	94767	42.638	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.675	83	85779	54.754	ug/l	97
76) 1,2,3-Trichloropropane	12.728	75	97196	86.849	ug/l #	100
77) Bromobenzene	12.704	156	83289	44.468	ug/l	79
78) n-propylbenzene	12.763	91	502370	53.591	ug/l	94
79) 2-Chlorotoluene	12.851	91	258031	50.126	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	322631	52.037	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	24455	47.882	ug/l	93
82) 4-Chlorotoluene	12.945	91	278831	52.158	ug/l	91
83) tert-Butylbenzene	13.163	119	282645	51.306	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	323185	51.726	ug/l	95
85) sec-Butylbenzene	13.345	105	448190	54.823	ug/l	92
86) p-Isopropyltoluene	13.463	119	361871	52.974	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	178193	48.433	ug/l	96
88) 1,4-Dichlorobenzene	13.540	146	175253	47.762	ug/l	98
89) n-Butylbenzene	13.787	91	361607	54.272	ug/l	97
90) Hexachloroethane	14.051	117	65994	52.351	ug/l	79
91) 1,2-Dichlorobenzene	13.834	146	153536	47.757	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.445	75	11330	48.048	ug/l	94
93) 1,2,4-Trichlorobenzene	15.098	180	92103	42.986	ug/l	97
94) Hexachlorobutadiene	15.204	225	42567	40.864	ug/l	99
95) Naphthalene	15.334	128	201426	47.012	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	79661	42.674	ug/l	98

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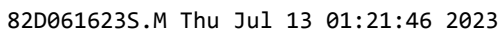
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

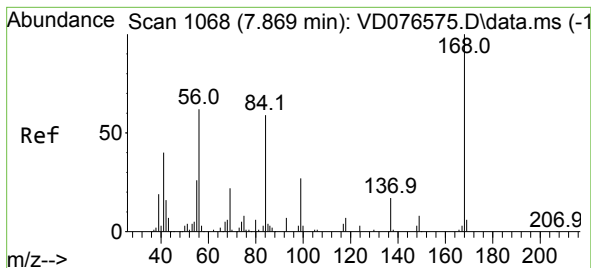
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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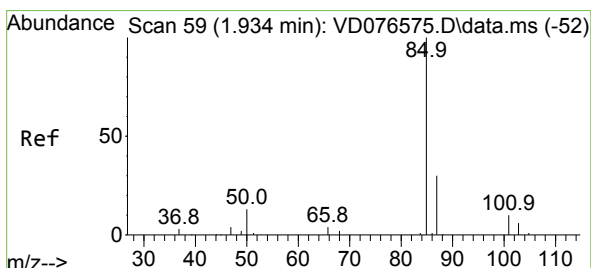
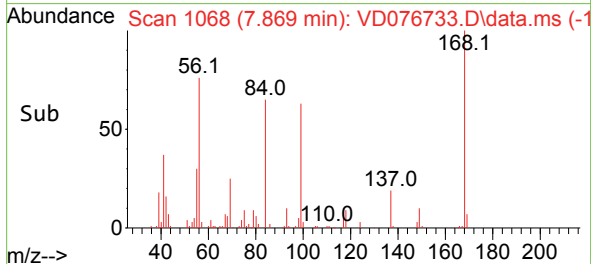
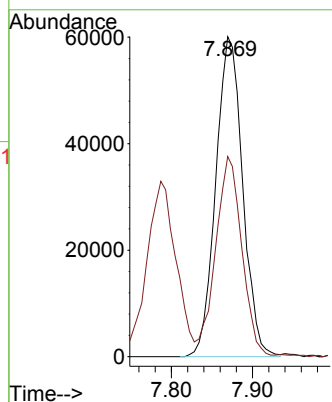
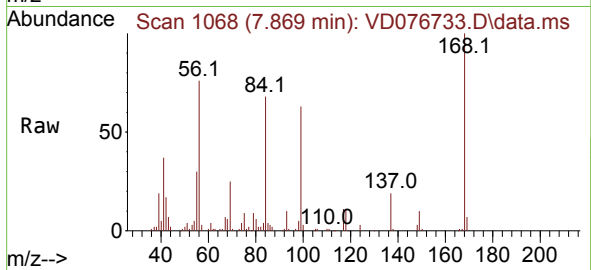




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD076733.D
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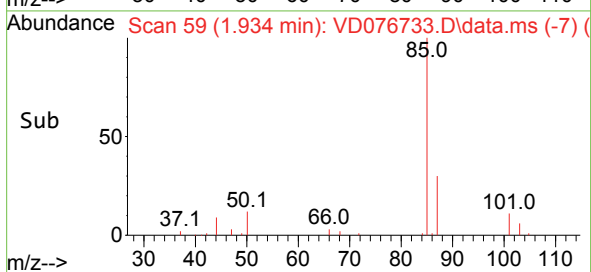
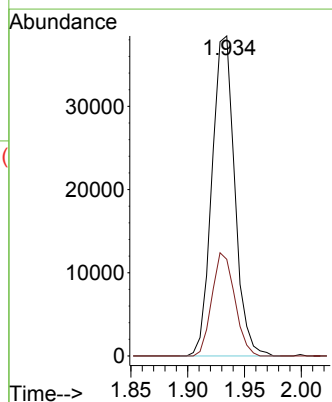
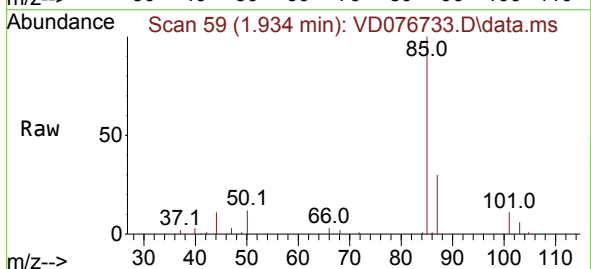
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

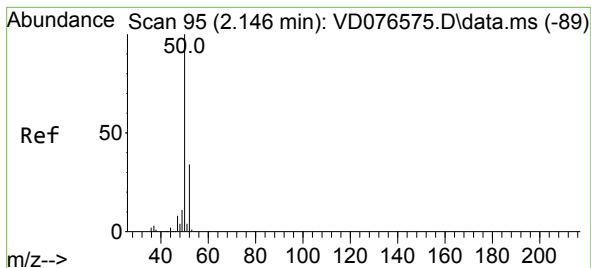
Tgt Ion:168 Resp: 138293
Ion Ratio Lower Upper
168 100
99 61.9 36.7 55.1#



#2
Dichlorodifluoromethane
Concen: 51.039 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.006 min
Lab File: VD076733.D
Acq: 12 Jul 2023 15:49

Tgt Ion: 85 Resp: 53634
Ion Ratio Lower Upper
85 100
87 30.2 15.7 47.0





#3

Chloromethane

Concen: 55.177 ug/l

RT: 2.146 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD076733.D

Acq: 12 Jul 2023 15:49

Instrument :

MSVOA_D

ClientSampleId :

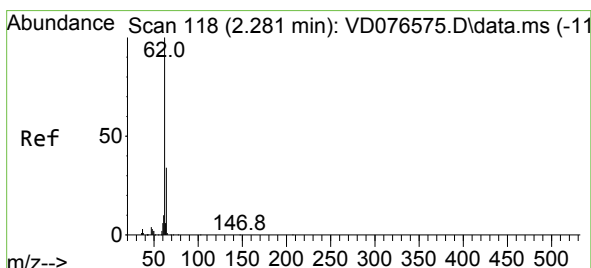
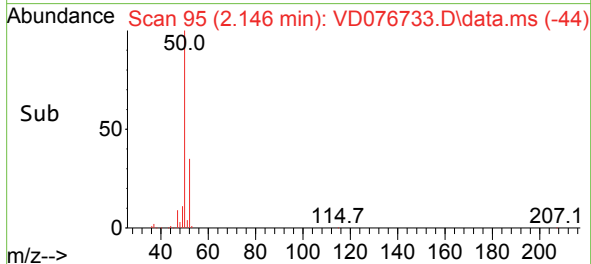
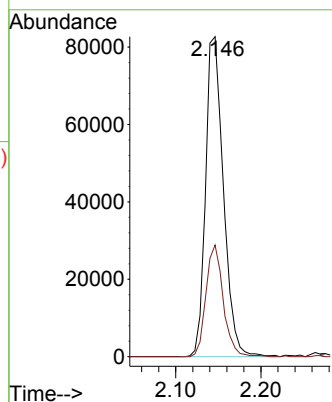
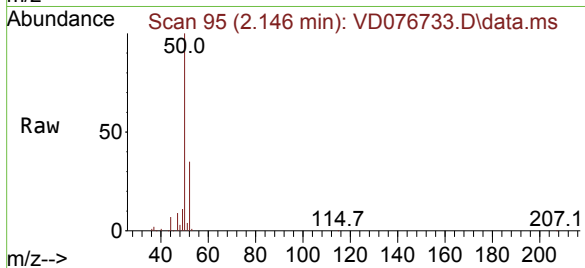
VSTDCCC050EC

Tgt Ion: 50 Resp: 120588

Ion Ratio Lower Upper

50 100

52 34.9 26.6 40.0



#4

Vinyl Chloride

Concen: 66.547 ug/l

RT: 2.275 min Scan# 117

Delta R.T. 0.000 min

Lab File: VD076733.D

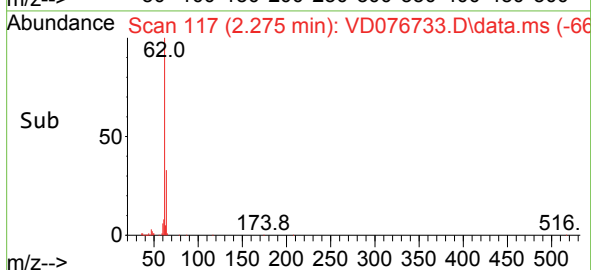
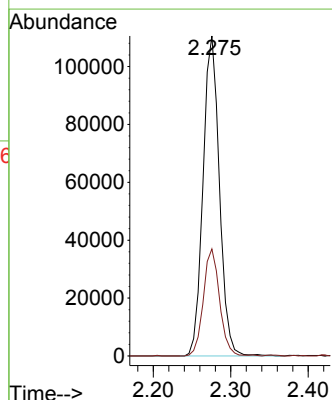
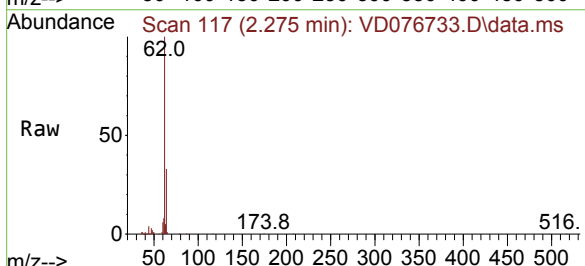
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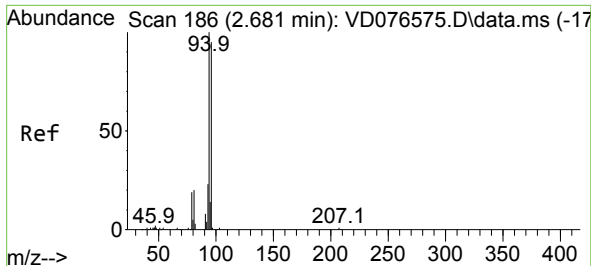
Tgt Ion: 62 Resp: 162236

Ion Ratio Lower Upper

62 100

64 33.4 26.0 39.0

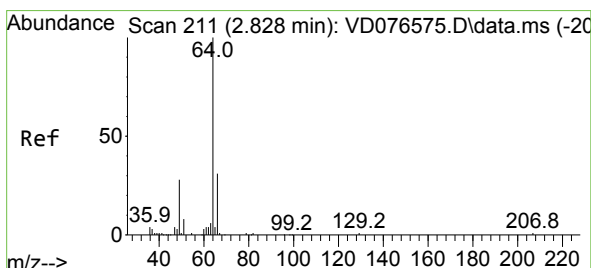
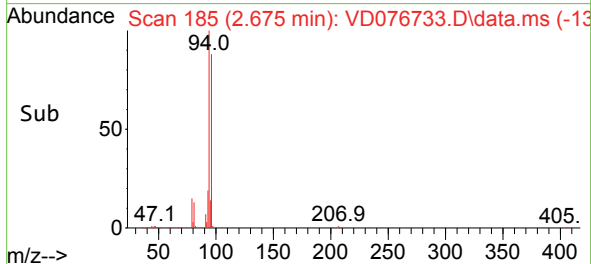
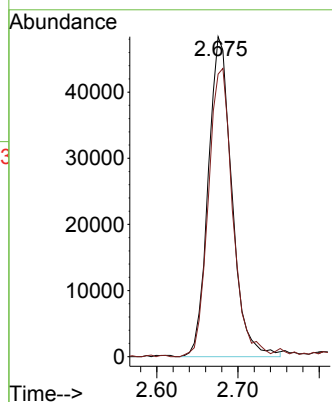
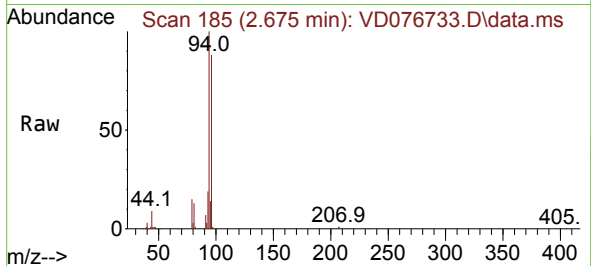




#5
Bromomethane
Concen: 61.871 ug/l
RT: 2.675 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD076733.D
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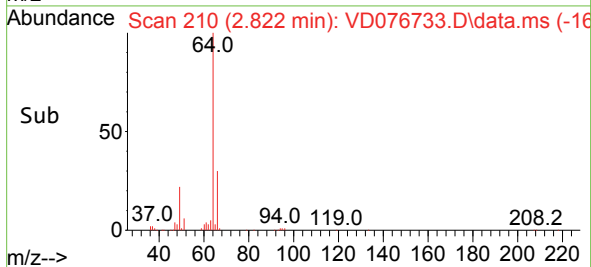
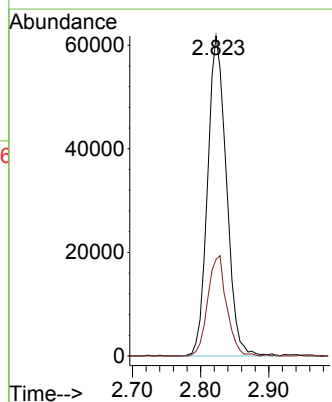
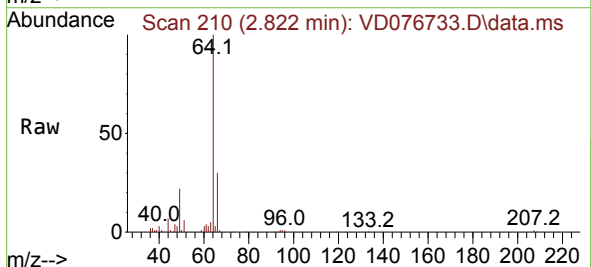
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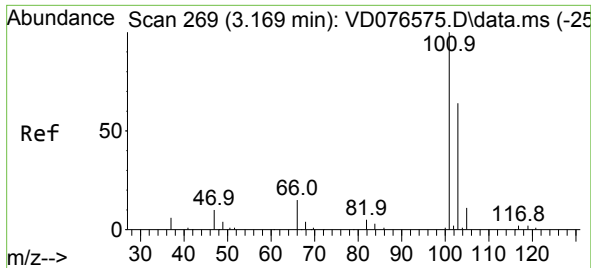
Tgt Ion: 94 Resp: 98075
Ion Ratio Lower Upper
94 100
96 92.7 75.8 113.8



#6
Chloroethane
Concen: 71.087 ug/l
RT: 2.822 min Scan# 210
Delta R.T. -0.006 min
Lab File: VD076733.D
Acq: 12 Jul 2023 15:49

Tgt Ion: 64 Resp: 118781
Ion Ratio Lower Upper
64 100
66 30.2 25.5 38.3

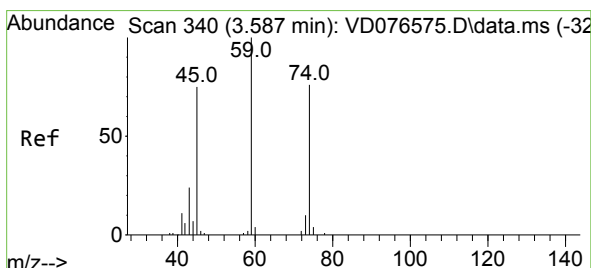
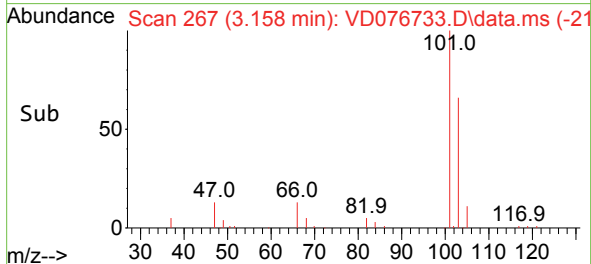
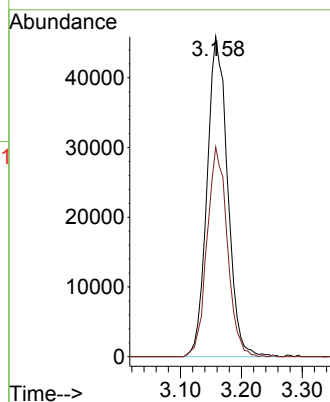
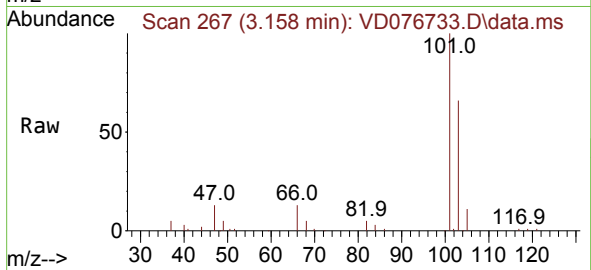




#7
 Trichlorofluoromethane
 Concen: 53.640 ug/l
 RT: 3.158 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VD076733.D
 Acq: 12 Jul 2023 15:49

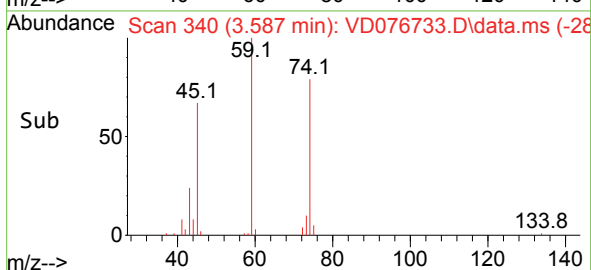
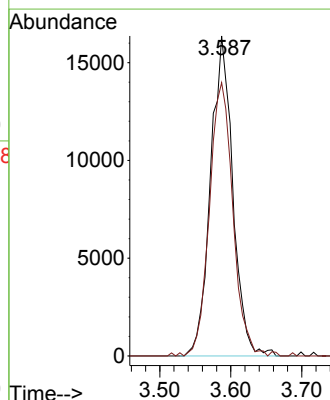
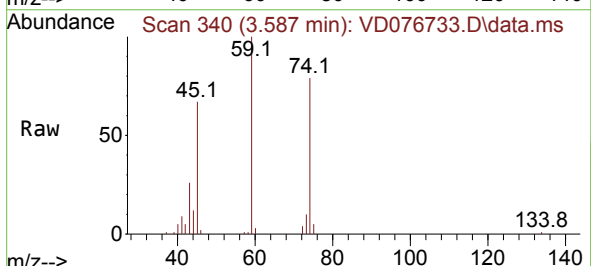
Instrument :
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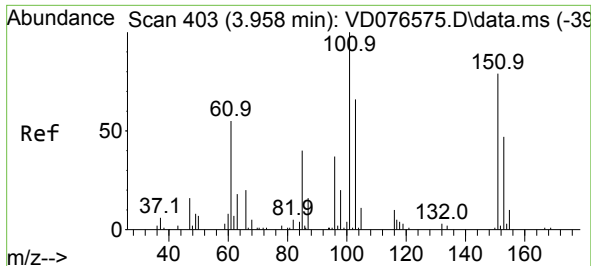
Tgt Ion:101 Resp: 107617
 Ion Ratio Lower Upper
 101 100
 103 65.5 52.3 78.5



#8
 Diethyl Ether
 Concen: 47.089 ug/l
 RT: 3.587 min Scan# 340
 Delta R.T. 0.000 min
 Lab File: VD076733.D
 Acq: 12 Jul 2023 15:49

Tgt Ion: 74 Resp: 35555
 Ion Ratio Lower Upper
 74 100
 45 90.1 37.5 112.7

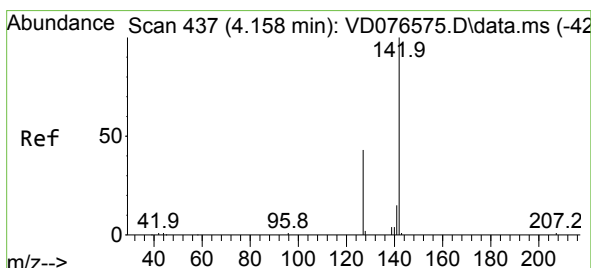
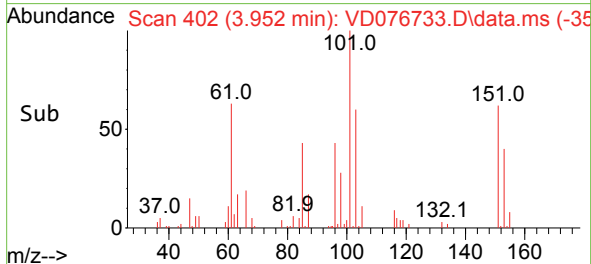
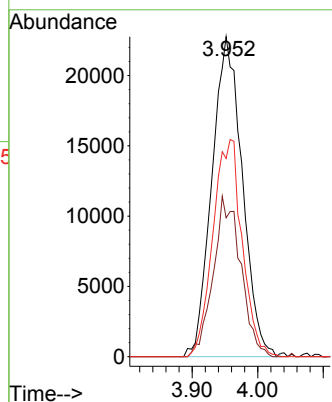
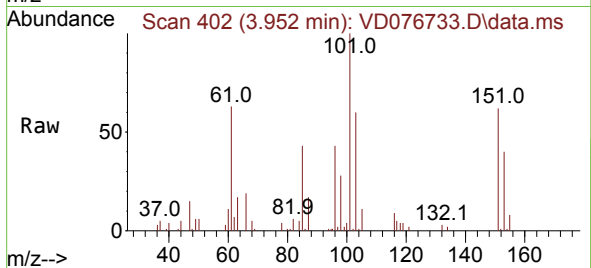




#9
1,1,2-Trichlorotrifluoroethane
Concen: 56.531 ug/l
RT: 3.952 min Scan# 403
Delta R.T. -0.006 min
Lab File: VD076733.D
Acq: 12 Jul 2023 15:49

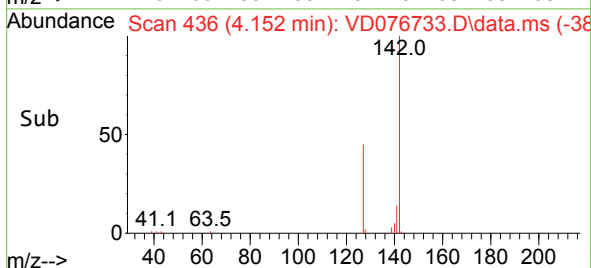
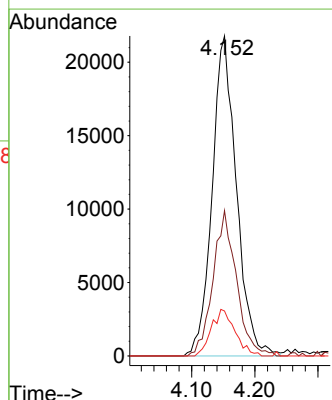
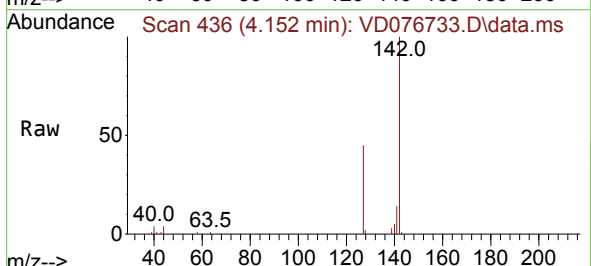
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

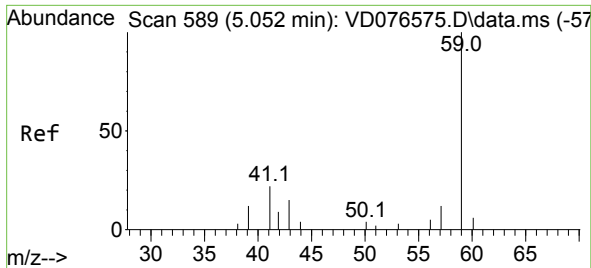
Tgt Ion:101 Resp: 73043
Ion Ratio Lower Upper
101 100
85 45.4 33.8 50.6
151 65.4 59.8 89.6



#10
Methyl Iodide
Concen: 37.993 ug/l
RT: 4.152 min Scan# 436
Delta R.T. -0.006 min
Lab File: VD076733.D
Acq: 12 Jul 2023 15:49

Tgt Ion:142 Resp: 58200
Ion Ratio Lower Upper
142 100
127 43.9 29.4 44.0
141 14.2 11.1 16.7





#11

Tert butyl alcohol

Concen: 221.665 ug/l

RT: 5.064 min Scan# 591

Delta R.T. 0.006 min

Lab File: VD076733.D

Acq: 12 Jul 2023 15:49

Instrument :

MSVOA_D

ClientSampleId :

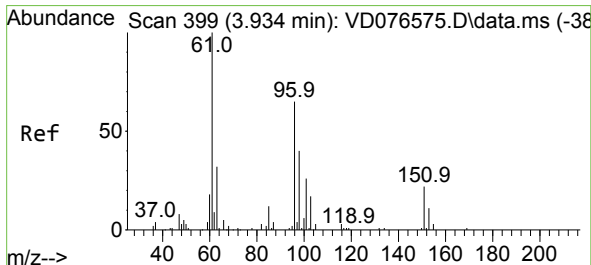
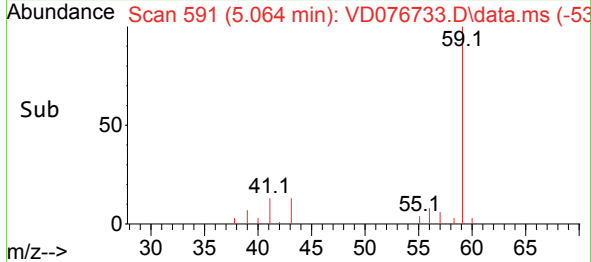
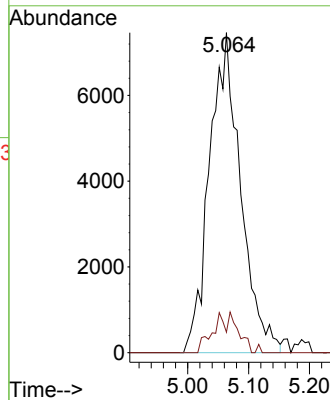
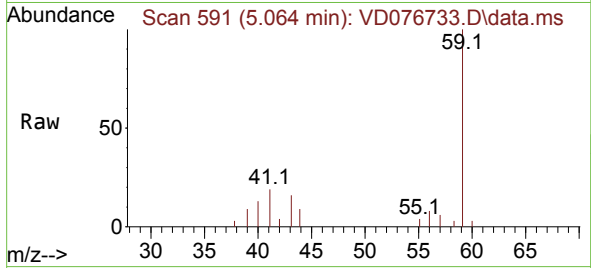
VSTDCCC050EC

Tgt Ion: 59 Resp: 26518

Ion Ratio Lower Upper

59 100

57 4.3 7.8 11.8#



#12

1,1-Dichloroethene

Concen: 51.395 ug/l

RT: 3.934 min Scan# 399

Delta R.T. 0.006 min

Lab File: VD076733.D

Acq: 12 Jul 2023 15:49

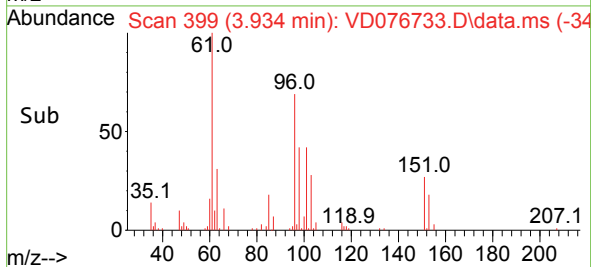
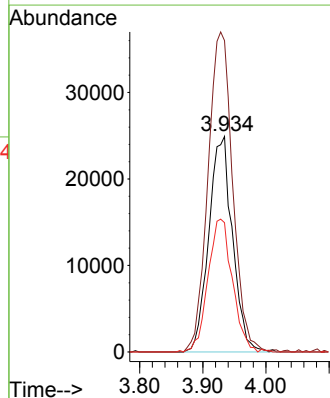
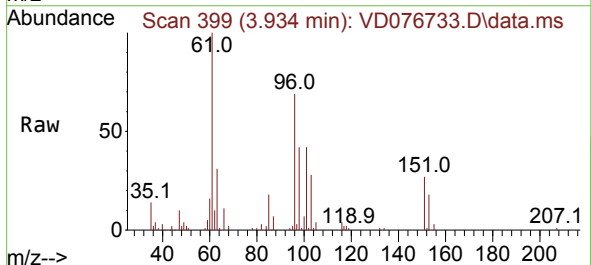
Tgt Ion: 96 Resp: 65037

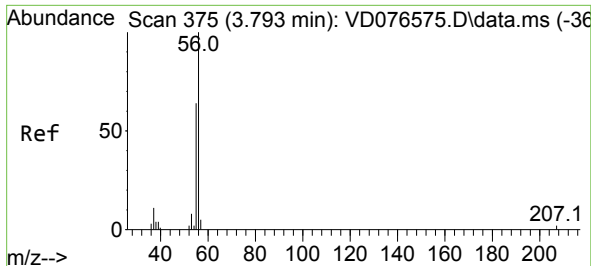
Ion Ratio Lower Upper

96 100

61 144.5 100.6 150.8

98 60.0 50.2 75.2

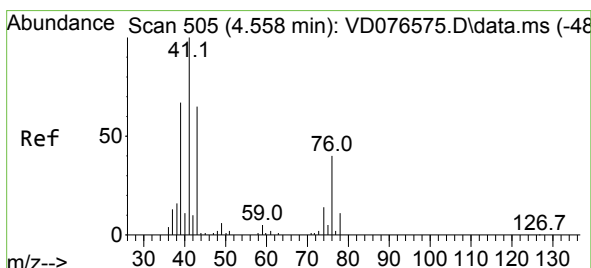
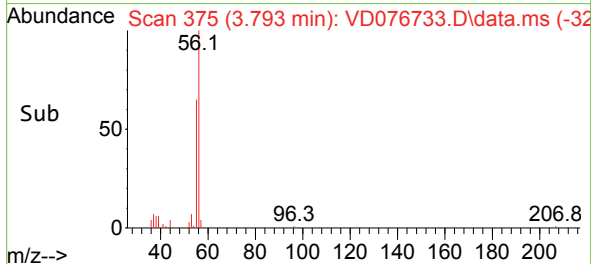
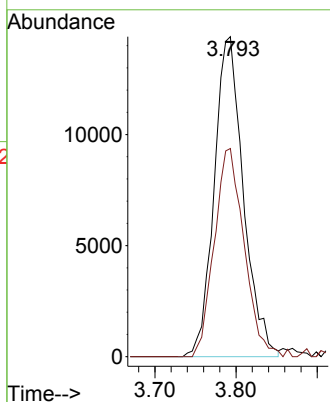
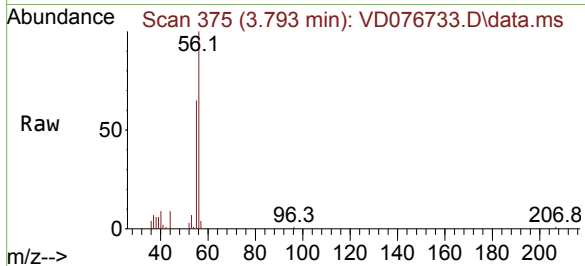




#13
Acrolein
Concen: 279.717 ug/l
RT: 3.793 min Scan# 31
Delta R.T. 0.000 min
Lab File: VD076733.D
Acq: 12 Jul 2023 15:49

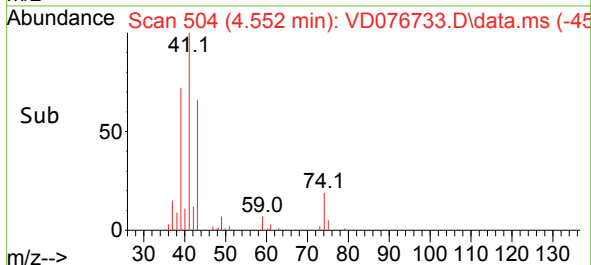
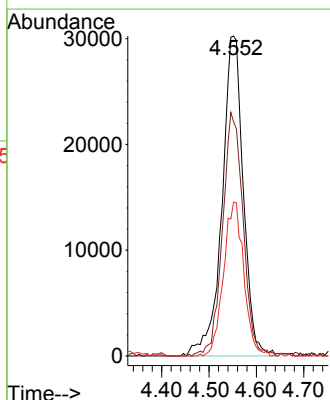
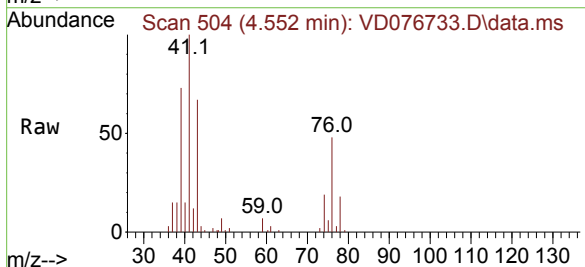
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

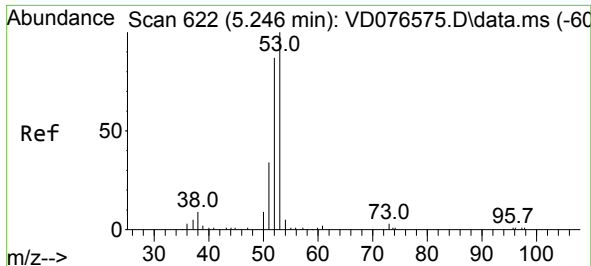
Tgt Ion: 56 Resp: 36043
Ion Ratio Lower Upper
56 100
55 66.2 55.1 82.7



#14
Allyl chloride
Concen: 40.777 ug/l
RT: 4.552 min Scan# 504
Delta R.T. -0.006 min
Lab File: VD076733.D
Acq: 12 Jul 2023 15:49

Tgt Ion: 41 Resp: 94367
Ion Ratio Lower Upper
41 100
39 74.1 53.8 80.6
76 45.8 45.8 68.8#

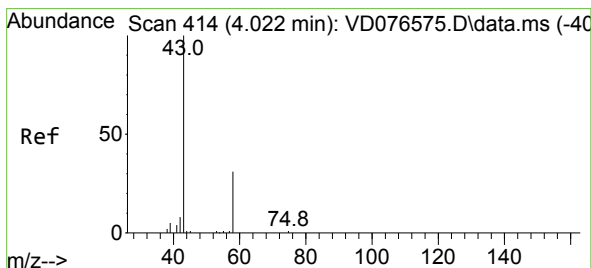
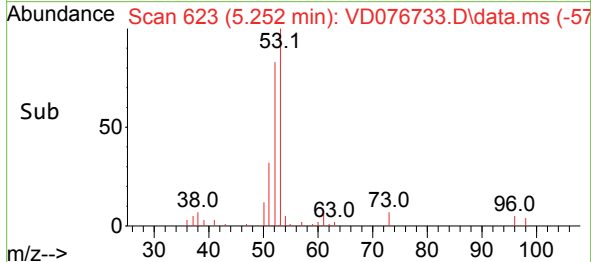
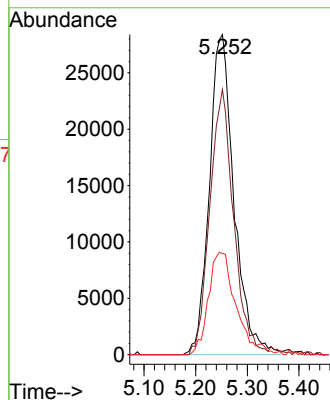
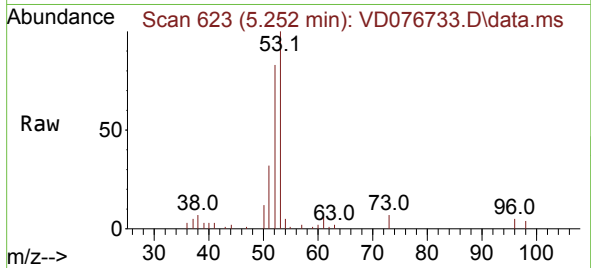




#15
Acrylonitrile
Concen: 242.584 ug/l
RT: 5.252 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD076733.D
Acq: 12 Jul 2023 15:49

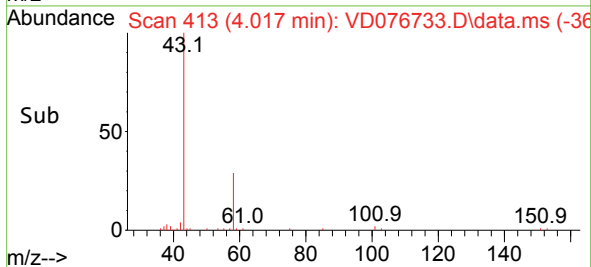
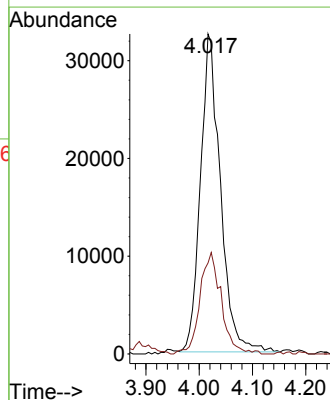
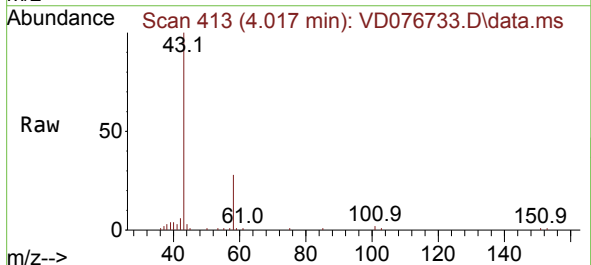
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

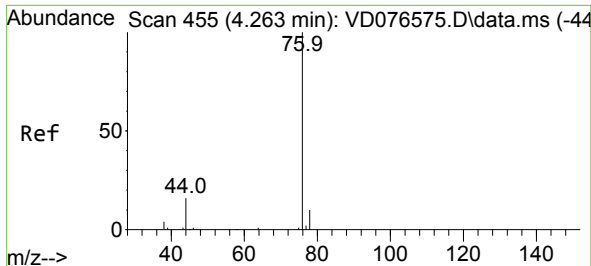
Tgt Ion: 53 Resp: 94187
Ion Ratio Lower Upper
53 100
52 79.6 65.0 97.4
51 35.9 28.3 42.5



#16
Acetone
Concen: 257.320 ug/l
RT: 4.017 min Scan# 413
Delta R.T. 0.000 min
Lab File: VD076733.D
Acq: 12 Jul 2023 15:49

Tgt Ion: 43 Resp: 84842
Ion Ratio Lower Upper
43 100
58 28.0 34.7 52.1#

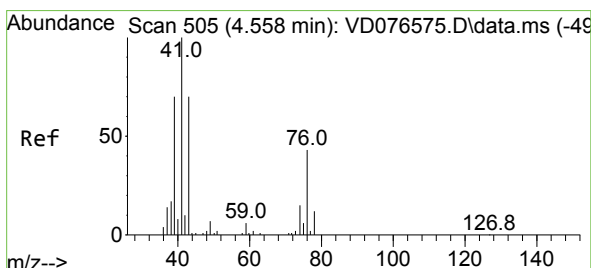
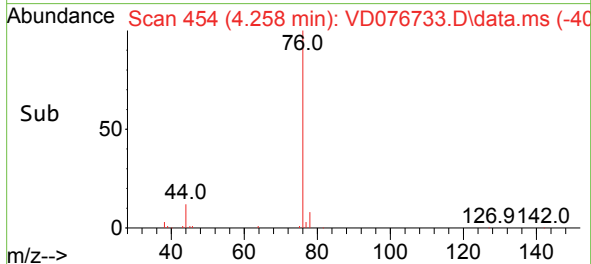
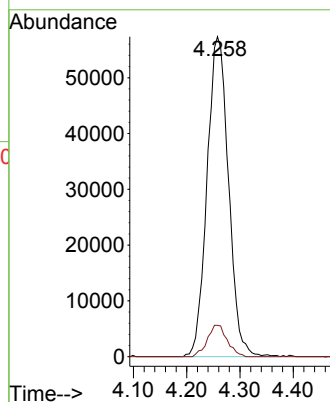
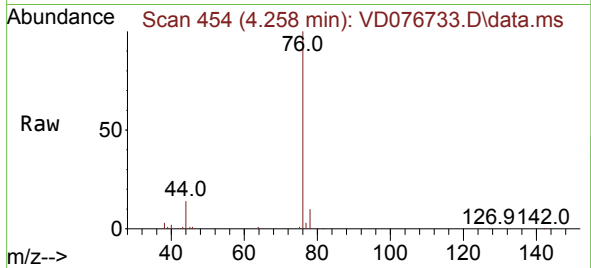




#17
Carbon Disulfide
Concen: 46.338 ug/l
RT: 4.258 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD076733.D
Acq: 12 Jul 2023 15:49

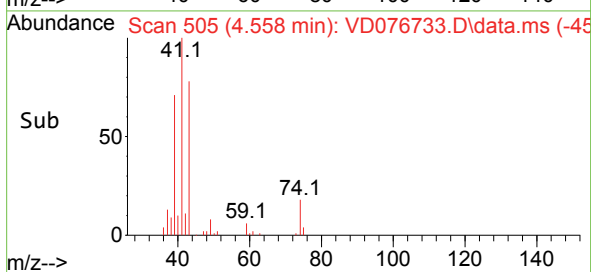
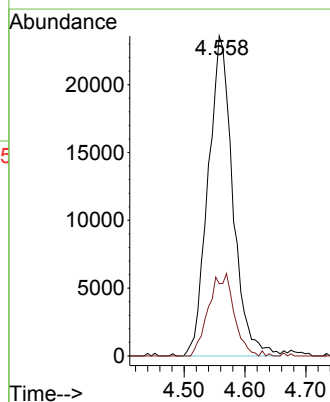
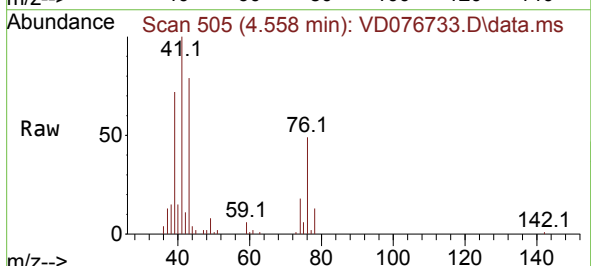
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

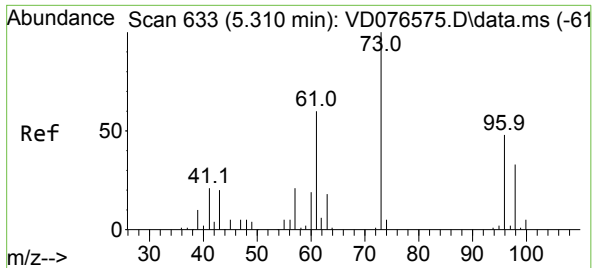
Tgt Ion: 76 Resp: 160216
Ion Ratio Lower Upper
76 100
78 9.8 6.8 10.2



#18
Methyl Acetate
Concen: 43.792 ug/l
RT: 4.558 min Scan# 505
Delta R.T. 0.000 min
Lab File: VD076733.D
Acq: 12 Jul 2023 15:49

Tgt Ion: 43 Resp: 66541
Ion Ratio Lower Upper
43 100
74 26.4 26.4 39.6#





#19

Methyl tert-butyl Ether

Concen: 51.401 ug/l

RT: 5.311 min Scan# 61

Delta R.T. -0.006 min

Lab File: VD076733.D

Acq: 12 Jul 2023 15:49

Instrument :

MSVOA_D

ClientSampleId :

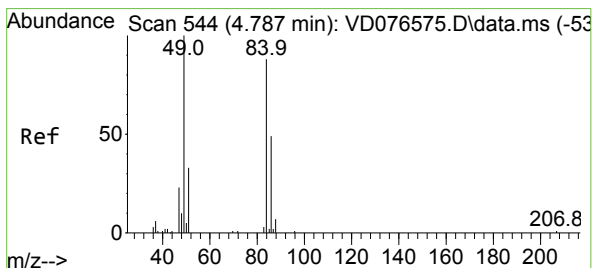
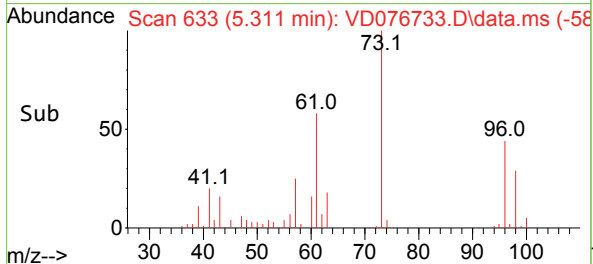
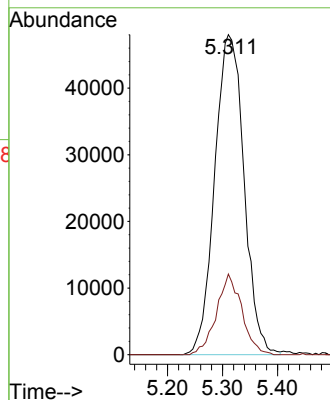
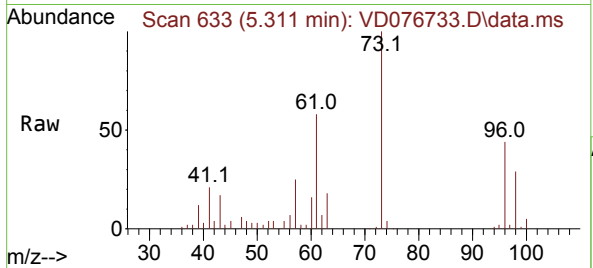
VSTDCCC050EC

Tgt Ion: 73 Resp: 177919

Ion Ratio Lower Upper

73 100

57 25.2 16.6 25.0#



#20

Methylene Chloride

Concen: 50.702 ug/l

RT: 4.793 min Scan# 545

Delta R.T. -0.006 min

Lab File: VD076733.D

Acq: 12 Jul 2023 15:49

Tgt Ion: 84 Resp: 93502

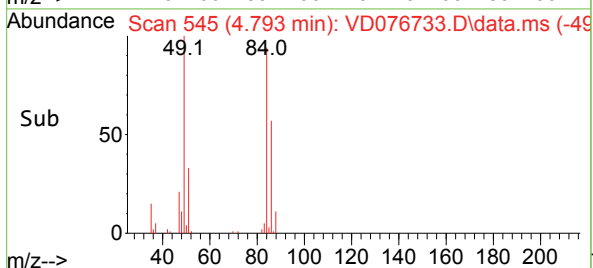
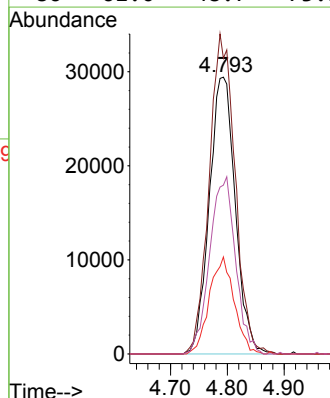
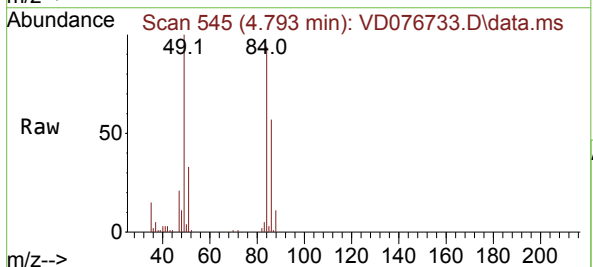
Ion Ratio Lower Upper

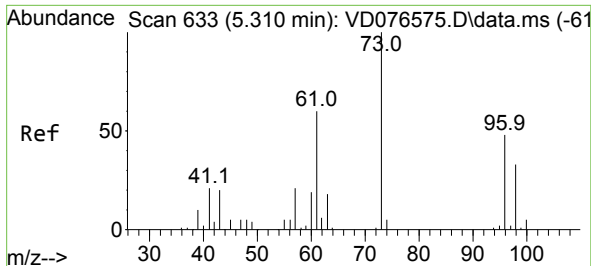
84 100

49 106.8 71.4 107.2

51 35.1 24.5 36.7

86 61.0 48.7 73.1

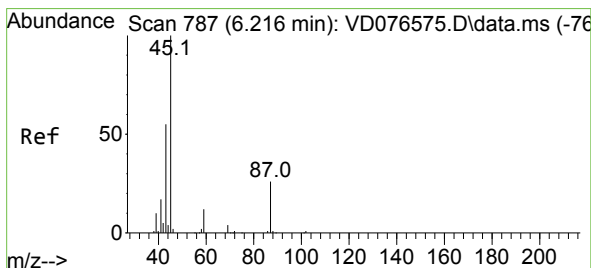
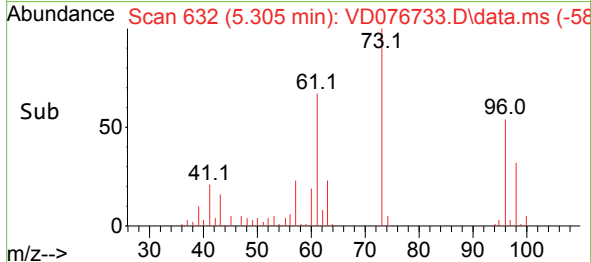
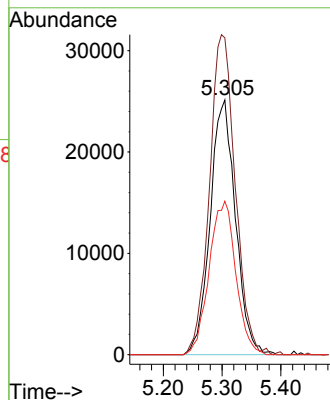
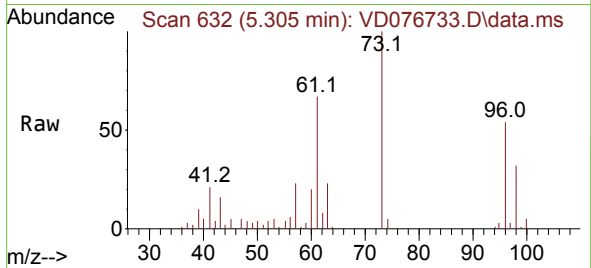




#21
trans-1,2-Dichloroethene
Concen: 51.478 ug/l
RT: 5.305 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD076733.D
Acq: 12 Jul 2023 15:49

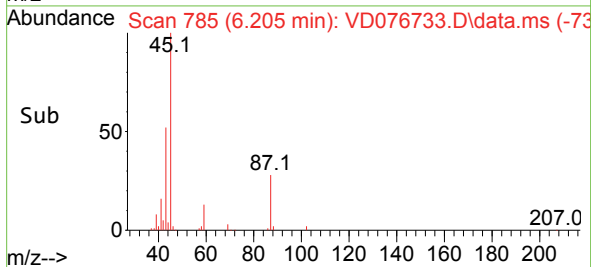
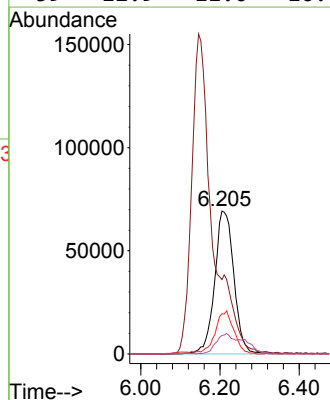
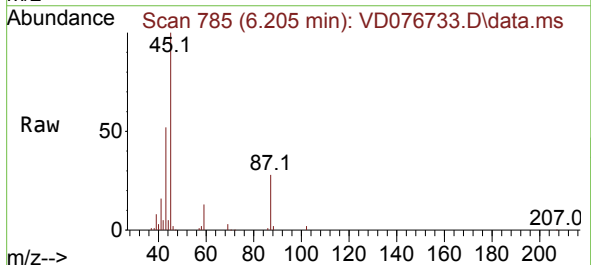
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

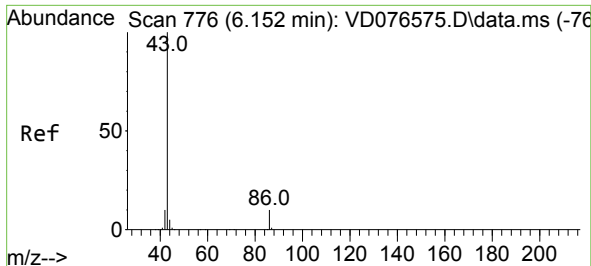
Tgt Ion: 96 Resp: 75292
Ion Ratio Lower Upper
96 100
61 124.4 89.3 133.9
98 60.3 48.6 73.0



#22
Diisopropyl ether
Concen: 46.665 ug/l
RT: 6.205 min Scan# 785
Delta R.T. -0.006 min
Lab File: VD076733.D
Acq: 12 Jul 2023 15:49

Tgt Ion: 45 Resp: 233515
Ion Ratio Lower Upper
45 100
43 51.3 40.0 60.0
87 28.1 28.2 42.4#
59 12.9 11.0 16.4

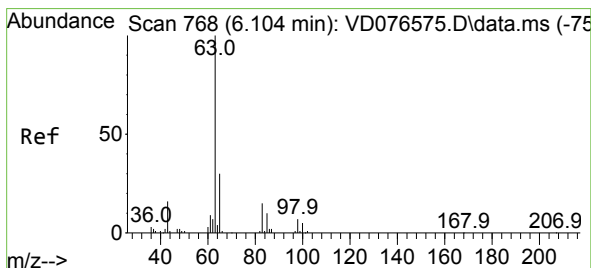
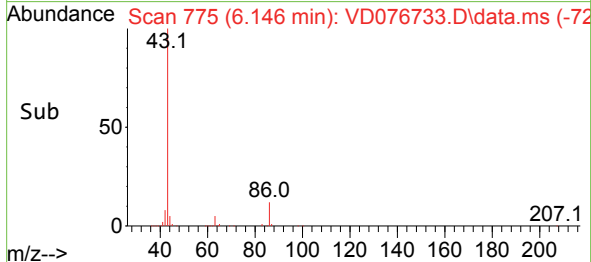
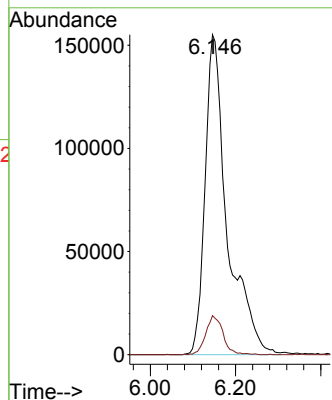
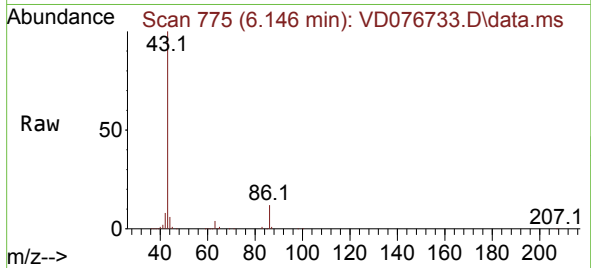




#23
 Vinyl Acetate
 Concen: 226.532 ug/l
 RT: 6.146 min Scan# 775
 Delta R.T. -0.006 min
 Lab File: VD076733.D
 Acq: 12 Jul 2023 15:49

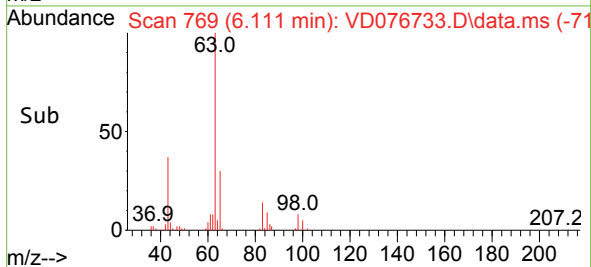
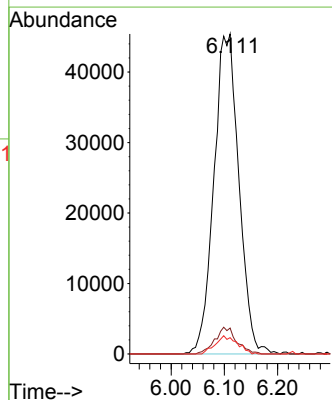
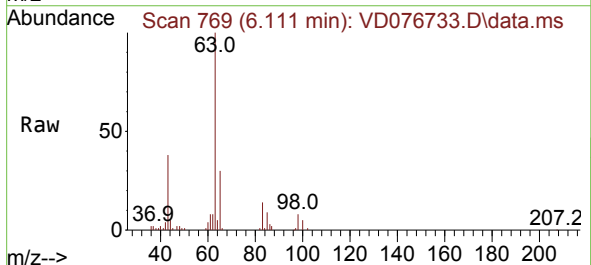
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

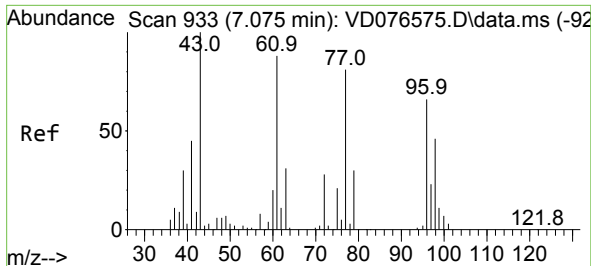
Tgt Ion: 43 Resp: 561889
 Ion Ratio Lower Upper
 43 100
 86 12.2 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 52.949 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. -0.005 min
 Lab File: VD076733.D
 Acq: 12 Jul 2023 15:49

Tgt Ion: 63 Resp: 147957
 Ion Ratio Lower Upper
 63 100
 98 8.1 4.5 13.7
 100 5.1 2.5 7.5

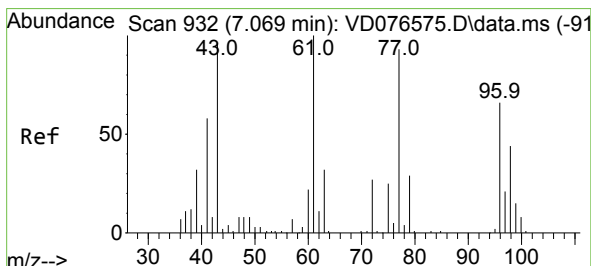
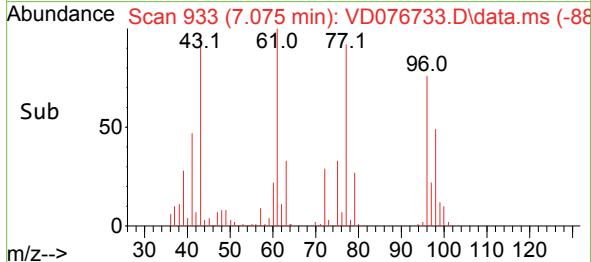
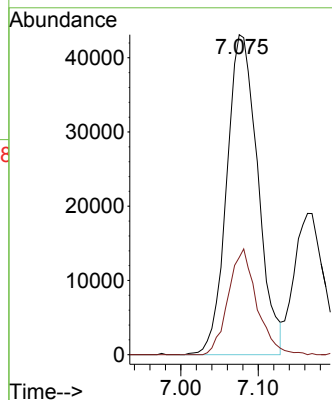
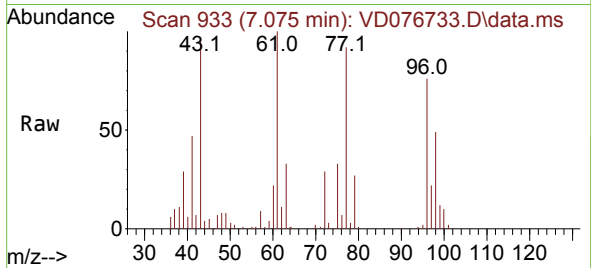




#25
2-Butanone
Concen: 236.193 ug/l
RT: 7.075 min Scan# 911
Delta R.T. -0.006 min
Lab File: VD076733.D
Acq: 12 Jul 2023 15:49

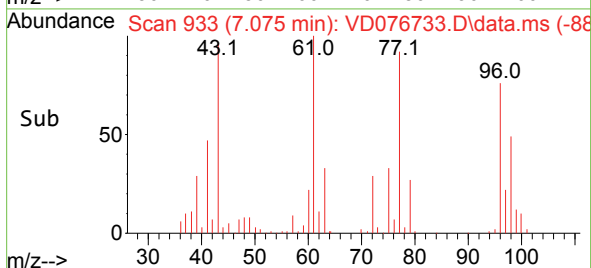
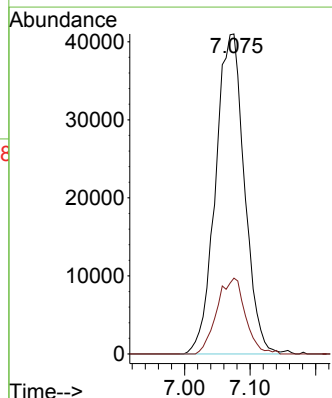
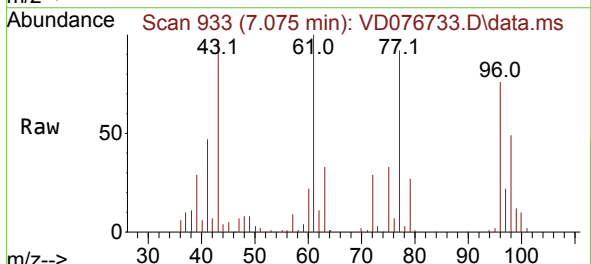
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

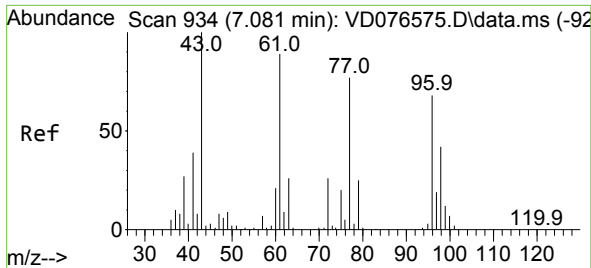
Tgt Ion: 43 Resp: 120451
Ion Ratio Lower Upper
43 100
72 30.4 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 52.067 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.006 min
Lab File: VD076733.D
Acq: 12 Jul 2023 15:49

Tgt Ion: 77 Resp: 125438
Ion Ratio Lower Upper
77 100
97 23.3 13.2 39.6

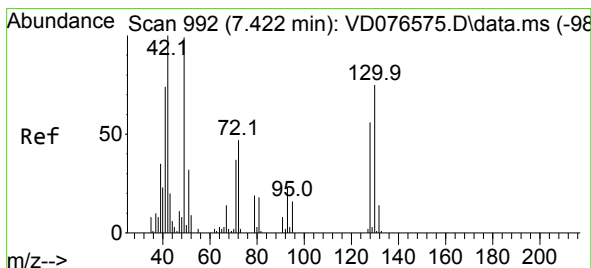
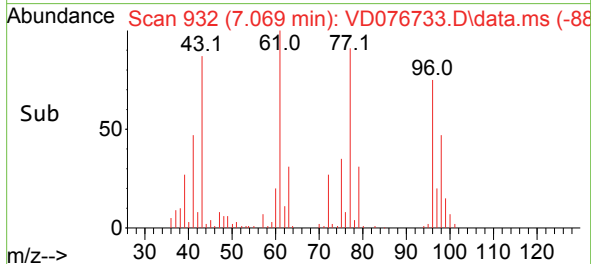
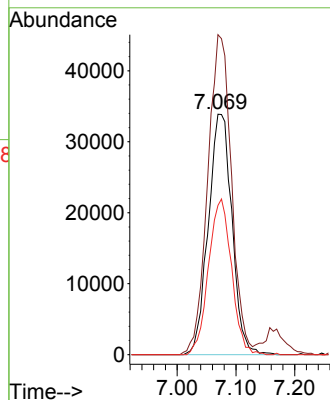
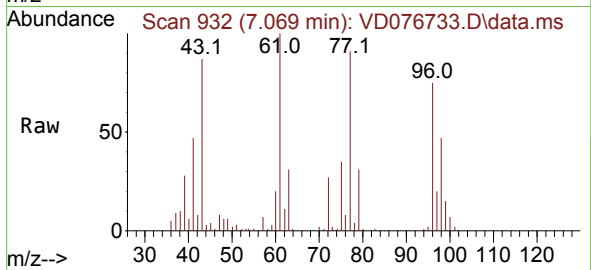




#27
 cis-1,2-Dichloroethene
 Concen: 53.513 ug/l
 RT: 7.069 min Scan# 91
 Delta R.T. -0.012 min
 Lab File: VD076733.D
 Acq: 12 Jul 2023 15:49

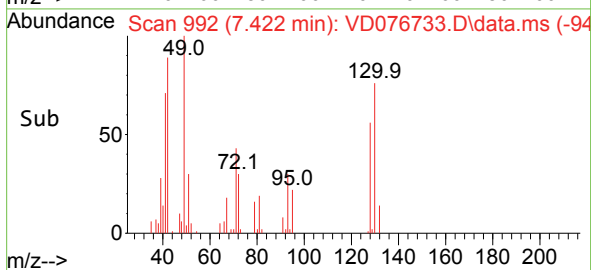
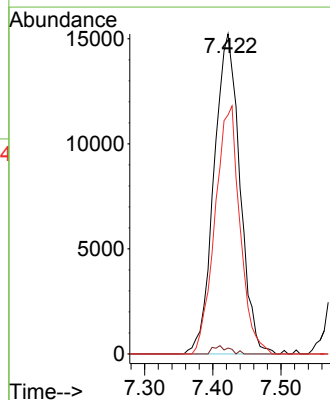
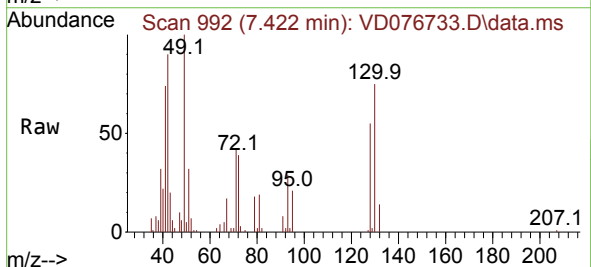
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

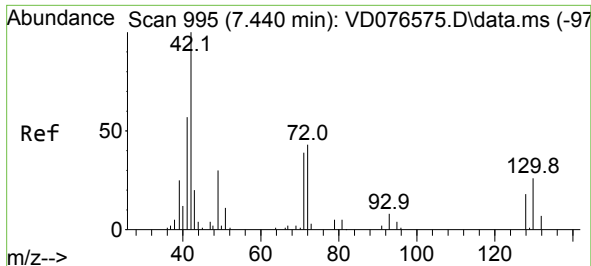
Tgt Ion: 96 Resp: 94724
 Ion Ratio Lower Upper
 96 100
 61 133.2 0.0 239.2
 98 63.0 0.0 128.6



#28
 Bromochloromethane
 Concen: 50.115 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. 0.000 min
 Lab File: VD076733.D
 Acq: 12 Jul 2023 15:49

Tgt Ion: 49 Resp: 40341
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 6.0
 130 74.8 83.2 124.8#





#29

Tetrahydrofuran

Concen: 222.777 ug/l

RT: 7.440 min Scan# 995

Delta R.T. -0.006 min

Lab File: VD076733.D

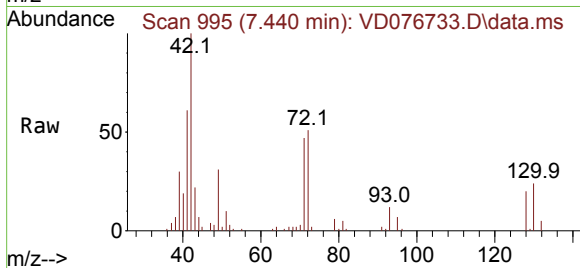
Acq: 12 Jul 2023 15:49

Instrument :

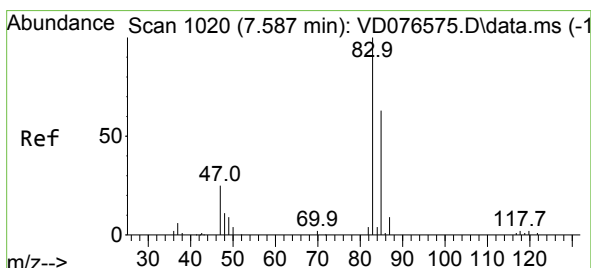
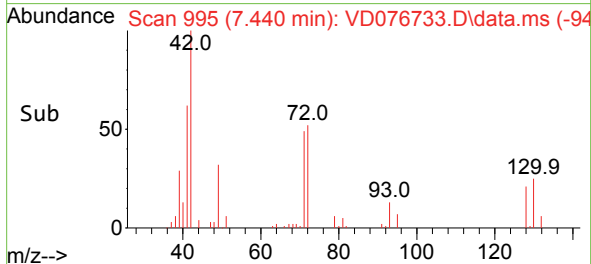
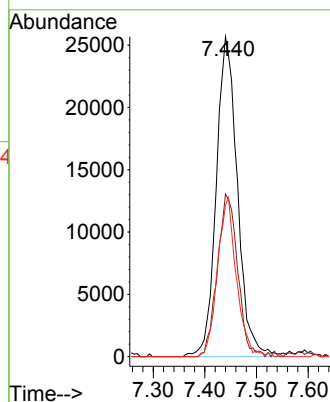
MSVOA_D

ClientSampleId :

VSTDCCC050EC



Tgt Ion:	42	Resp:	73011
Ion	Ratio	Lower	Upper
42	100		
72	48.5	46.5	69.7
71	44.6	44.5	66.7



#30

Chloroform

Concen: 56.879 ug/l

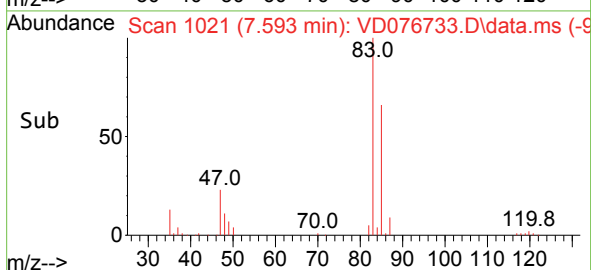
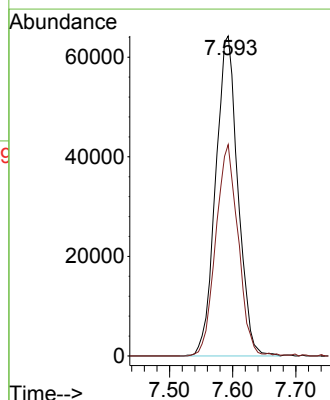
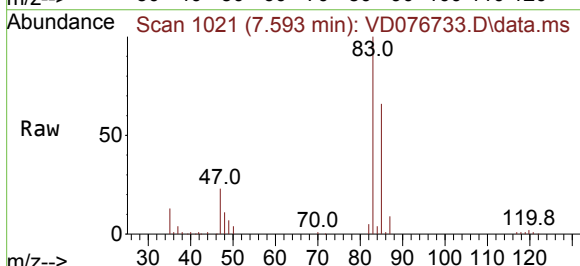
RT: 7.593 min Scan# 1021

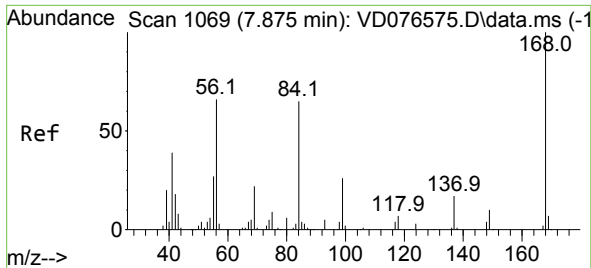
Delta R.T. -0.000 min

Lab File: VD076733.D

Acq: 12 Jul 2023 15:49

Tgt Ion:	83	Resp:	157377
Ion	Ratio	Lower	Upper
83	100		
85	66.0	53.4	80.2

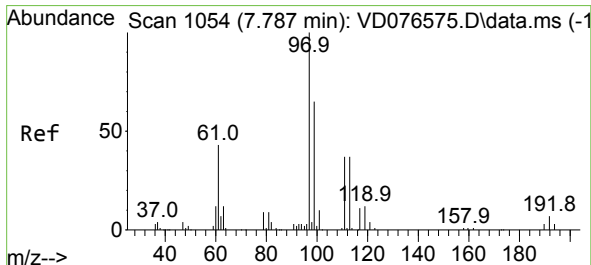
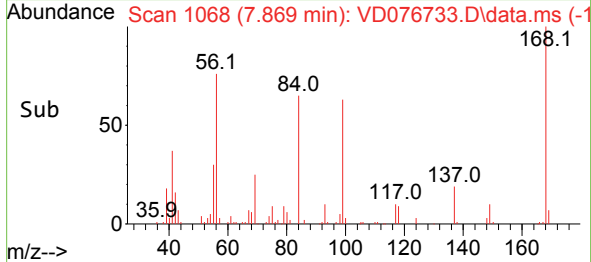
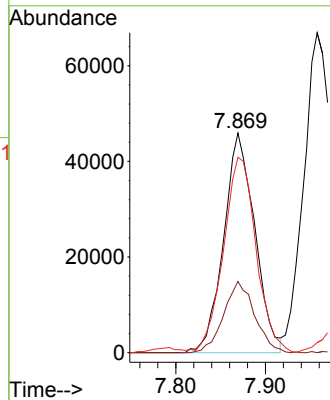
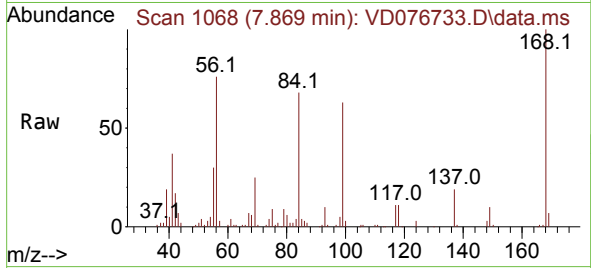




#31
Cyclohexane
Concen: 51.608 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD076733.D
Acq: 12 Jul 2023 15:49

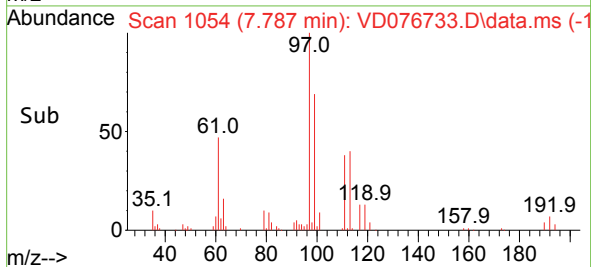
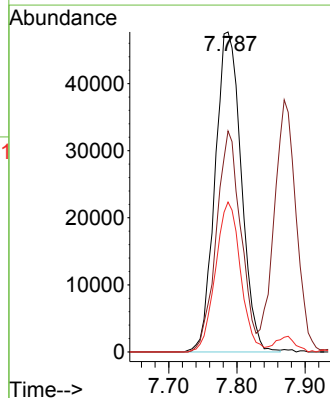
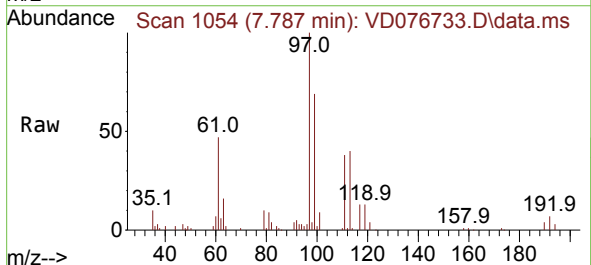
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

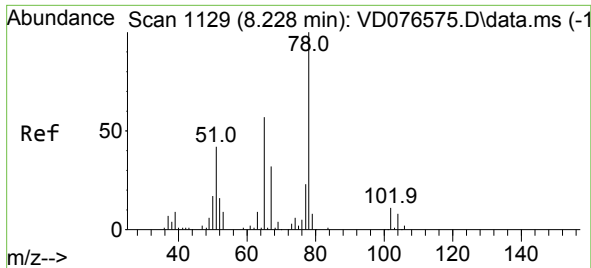
Tgt Ion: 56 Resp: 110645
Ion Ratio Lower Upper
56 100
69 32.5 28.6 43.0
84 87.6 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 57.079 ug/l
RT: 7.787 min Scan# 1054
Delta R.T. -0.006 min
Lab File: VD076733.D
Acq: 12 Jul 2023 15:49

Tgt Ion: 97 Resp: 127662
Ion Ratio Lower Upper
97 100
99 64.6 52.0 78.0
61 44.9 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 48.557 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD076733.D

Acq: 12 Jul 2023 15:49

Instrument :

MSVOA_D

ClientSampleId :

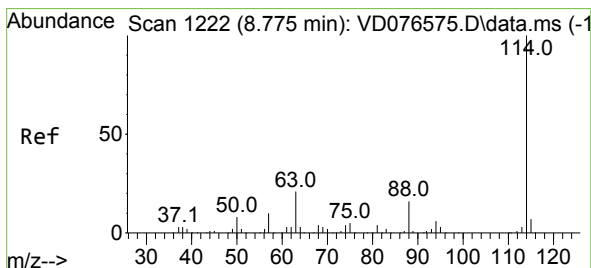
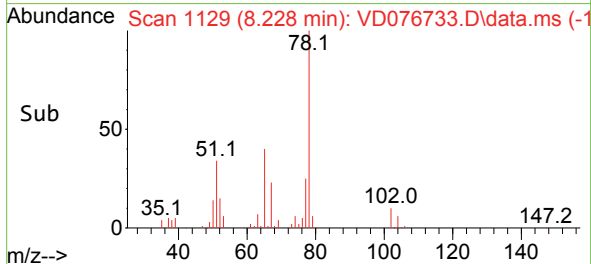
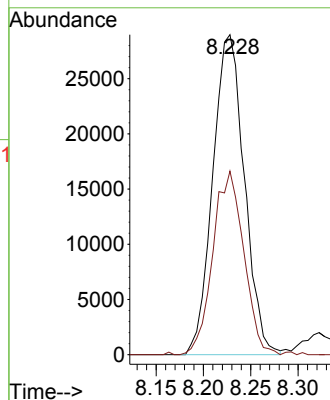
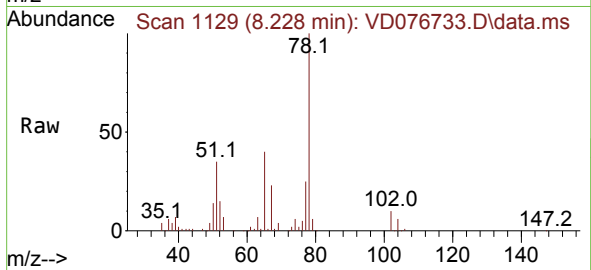
VSTDCCC050EC

Tgt Ion: 65 Resp: 67279

Ion Ratio Lower Upper

65 100

67 56.0 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD076733.D

Acq: 12 Jul 2023 15:49

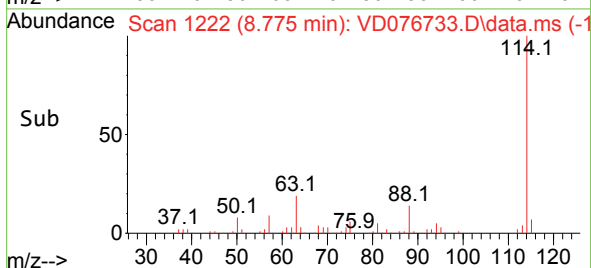
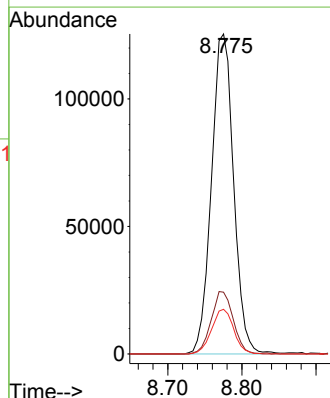
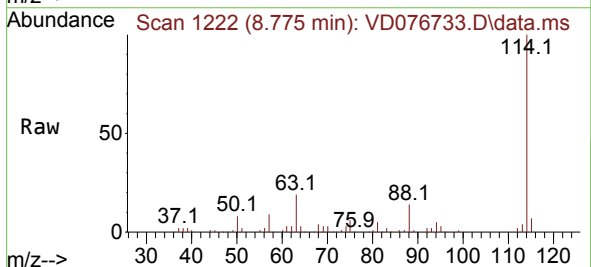
Tgt Ion: 114 Resp: 260619

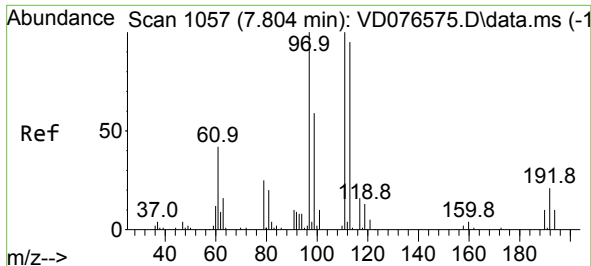
Ion Ratio Lower Upper

114 100

63 19.3 0.0 33.4

88 13.9 0.0 26.2

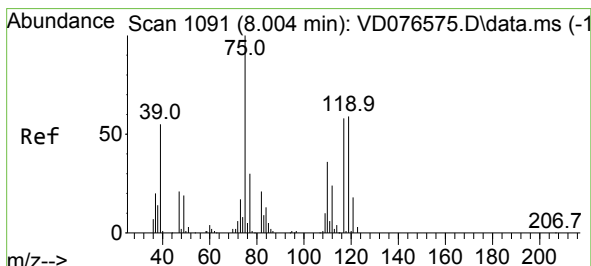
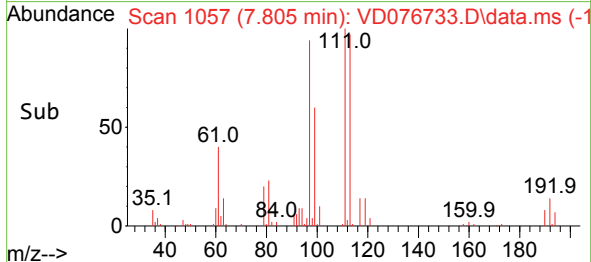
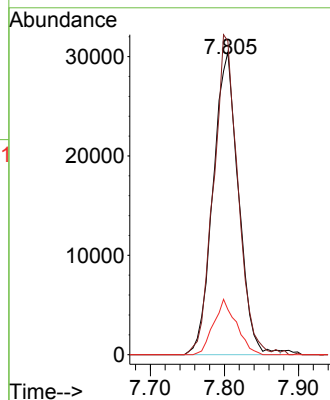
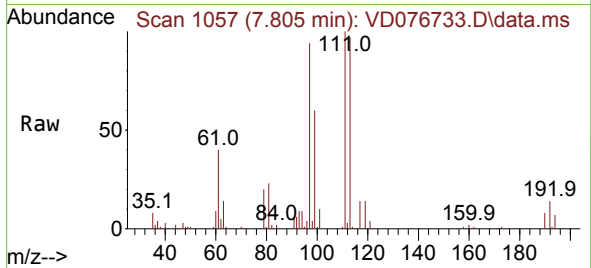




#35
Dibromofluoromethane
Concen: 46.804 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD076733.D
Acq: 12 Jul 2023 15:49

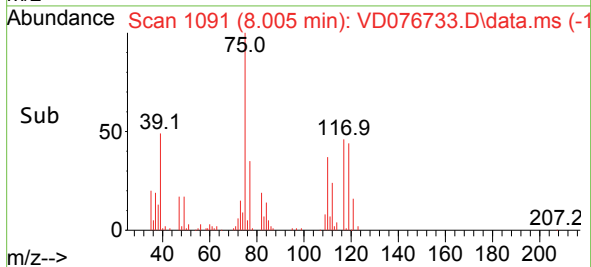
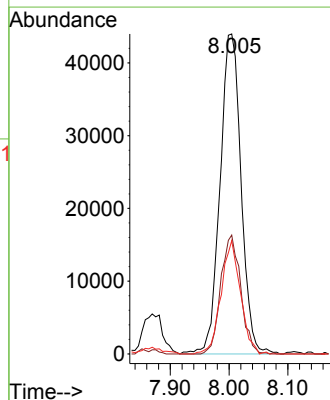
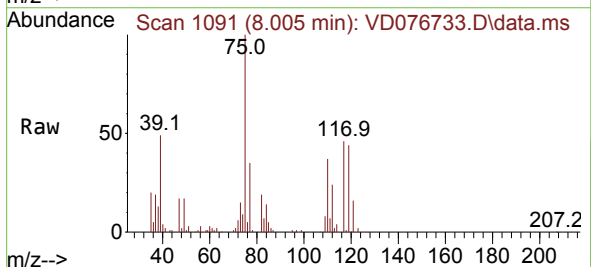
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

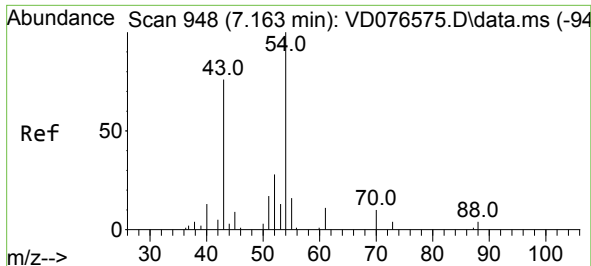
Tgt Ion:113 Resp: 72465
Ion Ratio Lower Upper
113 100
111 101.1 84.7 127.1
192 16.5 16.8 25.2#



#36
1,1-Dichloropropene
Concen: 50.497 ug/l
RT: 8.005 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VD076733.D
Acq: 12 Jul 2023 15:49

Tgt Ion: 75 Resp: 109484
Ion Ratio Lower Upper
75 100
110 35.2 19.9 59.6
77 32.6 24.7 37.1





#37

Ethyl Acetate

Concen: 41.808 ug/l

RT: 7.163 min Scan# 948

Delta R.T. -0.006 min

Lab File: VD076733.D

Acq: 12 Jul 2023 15:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

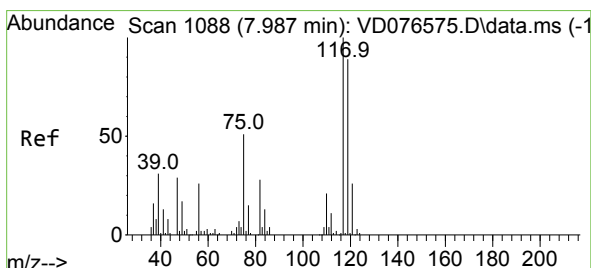
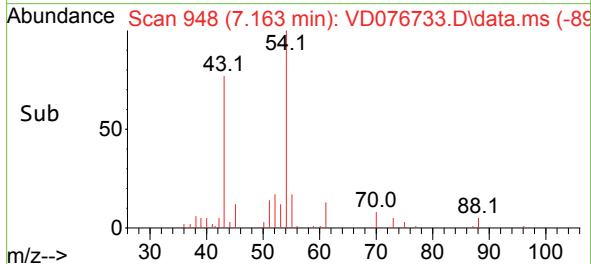
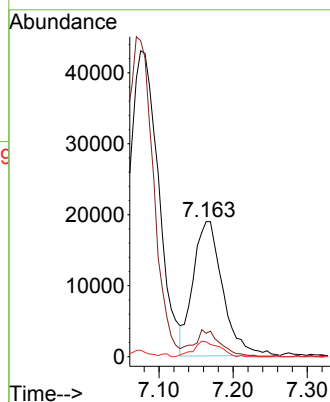
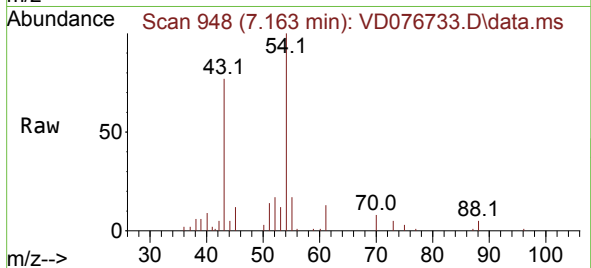
Tgt Ion: 43 Resp: 52526

Ion Ratio Lower Upper

43 100

61 17.0 14.9 22.3

70 10.0 10.0 15.0#



#38

Carbon Tetrachloride

Concen: 52.588 ug/l

RT: 7.987 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VD076733.D

Acq: 12 Jul 2023 15:49

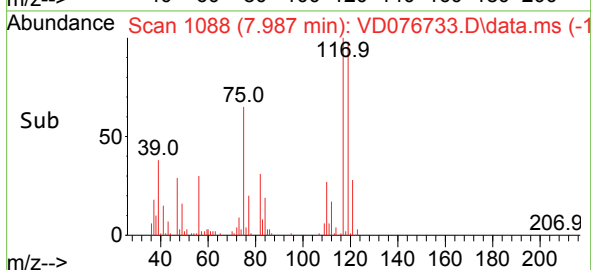
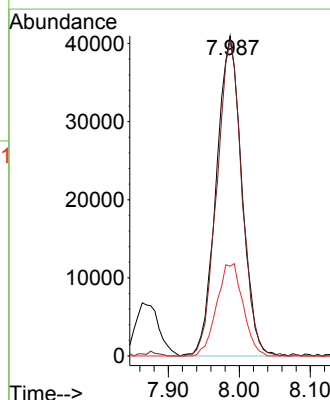
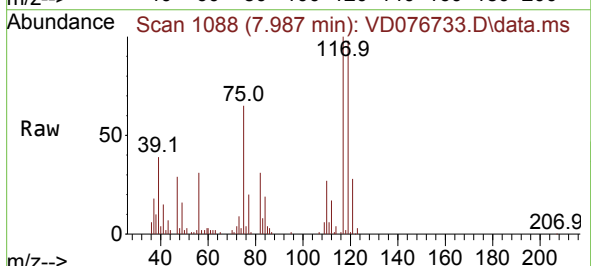
Tgt Ion: 117 Resp: 101909

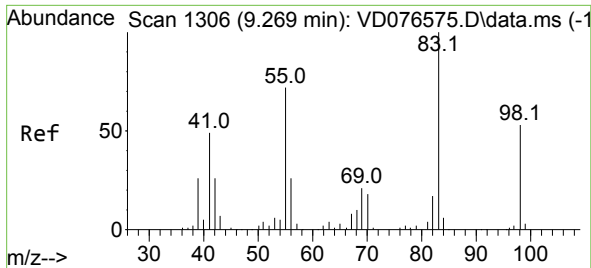
Ion Ratio Lower Upper

117 100

119 98.3 78.0 117.0

121 28.1 24.2 36.2

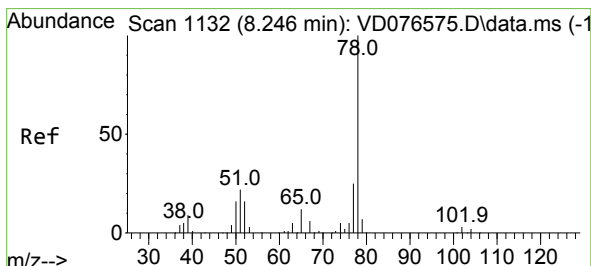
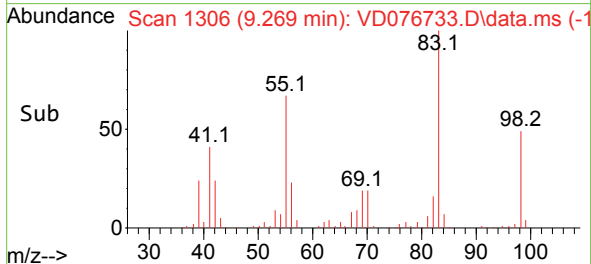
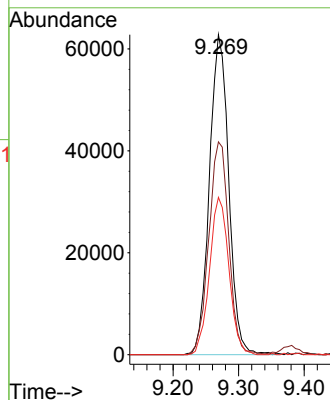
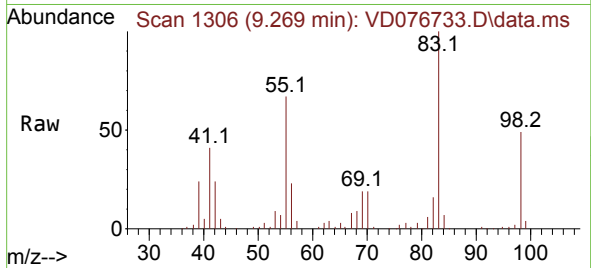




#39
Methylcyclohexane
Concen: 50.516 ug/l
RT: 9.269 min Scan# 11306
Delta R.T. -0.006 min
Lab File: VD076733.D
Acq: 12 Jul 2023 15:49

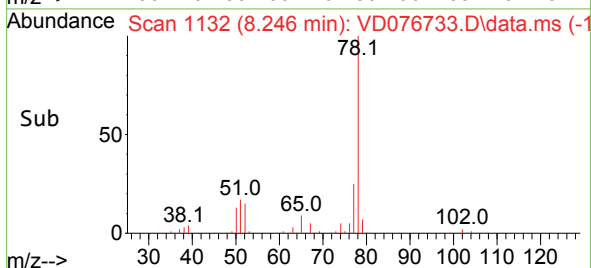
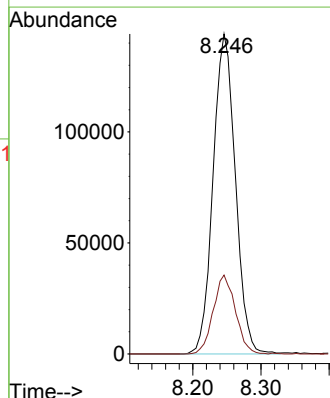
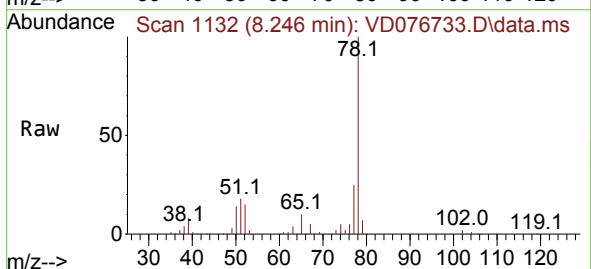
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

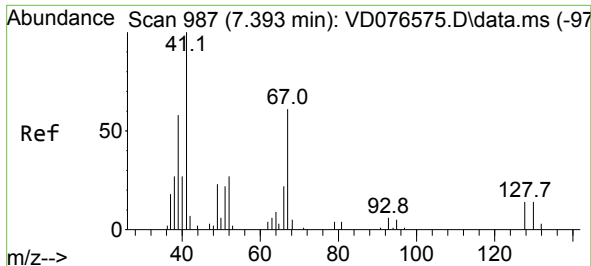
Tgt Ion: 83 Resp: 128530
Ion Ratio Lower Upper
83 100
55 66.5 49.4 74.0
98 49.2 38.4 57.6



#40
Benzene
Concen: 49.638 ug/l
RT: 8.246 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VD076733.D
Acq: 12 Jul 2023 15:49

Tgt Ion: 78 Resp: 328197
Ion Ratio Lower Upper
78 100
77 24.7 19.4 29.0

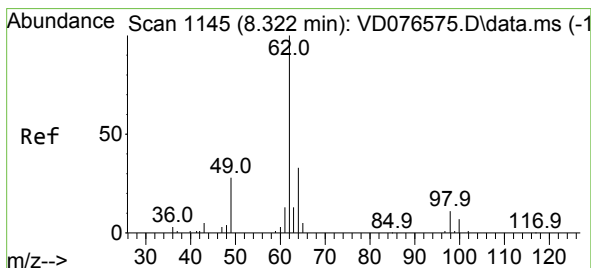
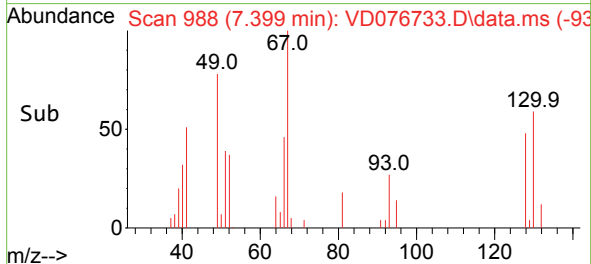
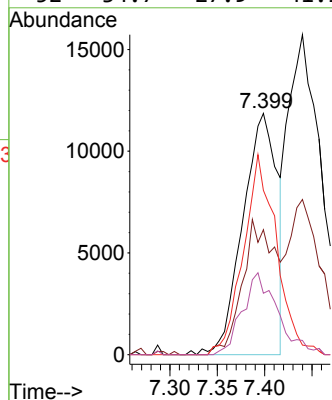
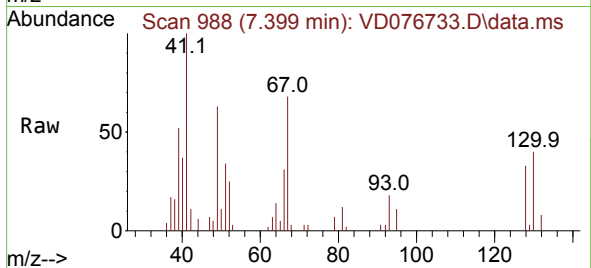




#41
Methacrylonitrile
Concen: 42.366 ug/l
RT: 7.399 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD076733.D
Acq: 12 Jul 2023 15:49

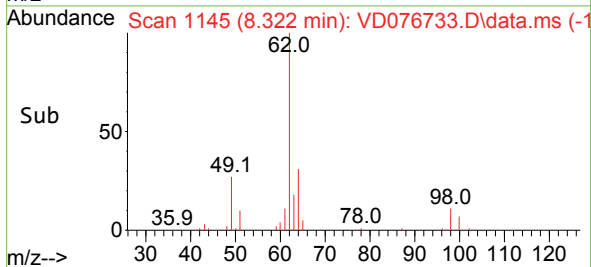
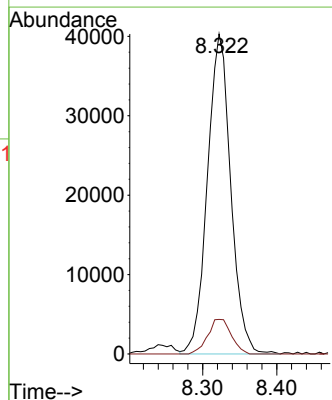
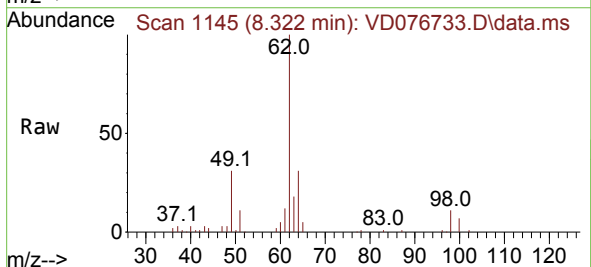
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

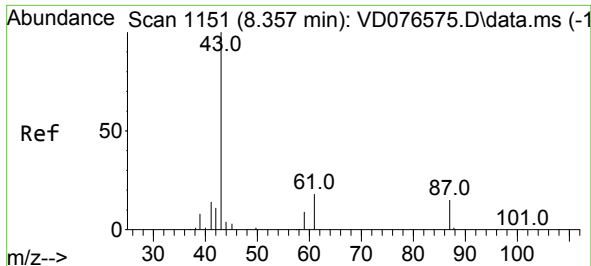
Tgt Ion: 41 Resp: 30056
Ion Ratio Lower Upper
41 100
39 53.0 34.0 51.0#
67 79.6 77.0 115.4
52 34.7 27.9 41.9



#42
1,2-Dichloroethane
Concen: 49.382 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD076733.D
Acq: 12 Jul 2023 15:49

Tgt Ion: 62 Resp: 88223
Ion Ratio Lower Upper
62 100
98 10.9 0.0 25.4

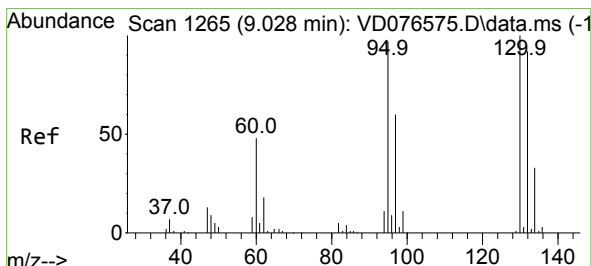
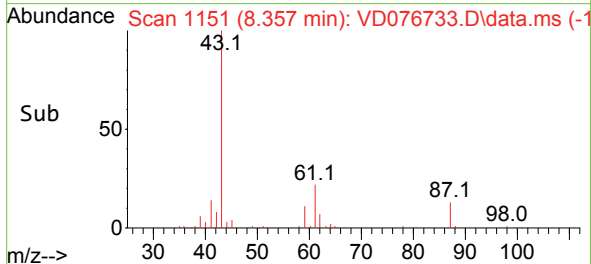
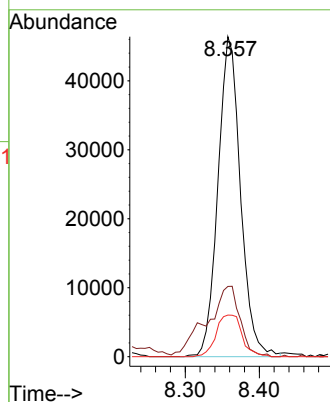
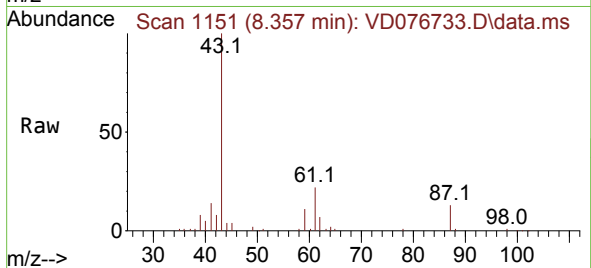




#43
Isopropyl Acetate
Concen: 41.216 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. 0.000 min
Lab File: VD076733.D
Acq: 12 Jul 2023 15:49

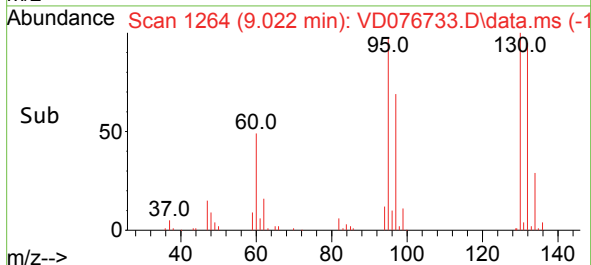
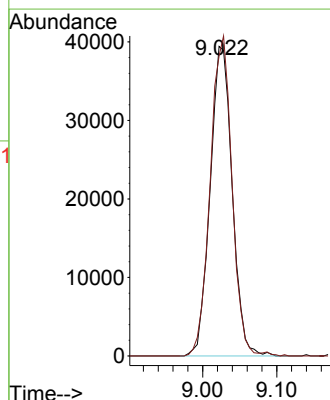
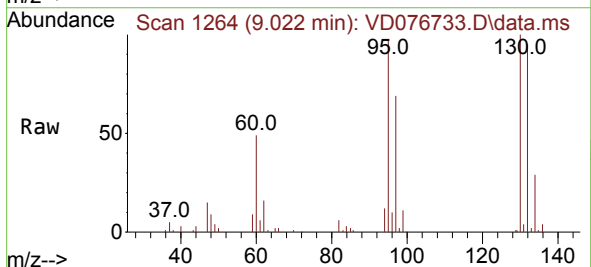
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

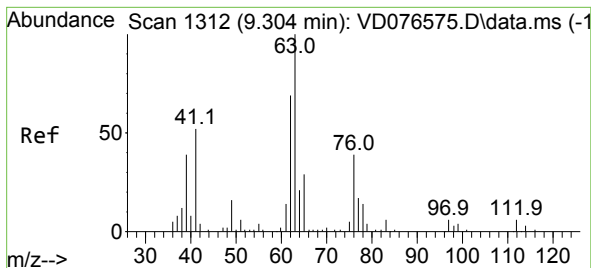
Tgt Ion: 43 Resp: 98033
Ion Ratio Lower Upper
43 100
61 32.4 31.4 47.0
87 15.0 14.9 22.3



#44
Trichloroethene
Concen: 45.710 ug/l
RT: 9.022 min Scan# 1264
Delta R.T. 0.000 min
Lab File: VD076733.D
Acq: 12 Jul 2023 15:49

Tgt Ion:130 Resp: 81528
Ion Ratio Lower Upper
130 100
95 96.9 0.0 179.2





#45

1,2-Dichloropropane

Concen: 48.559 ug/l

RT: 9.299 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VD076733.D

Acq: 12 Jul 2023 15:49

Instrument :

MSVOA_D

ClientSampleId :

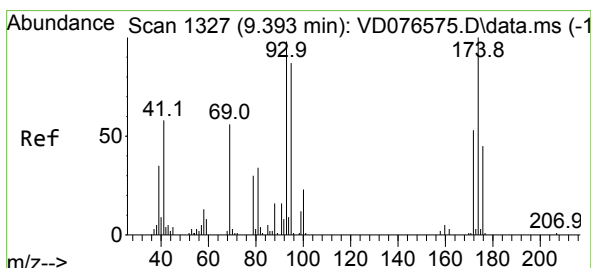
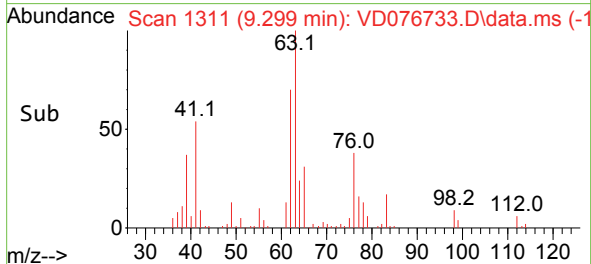
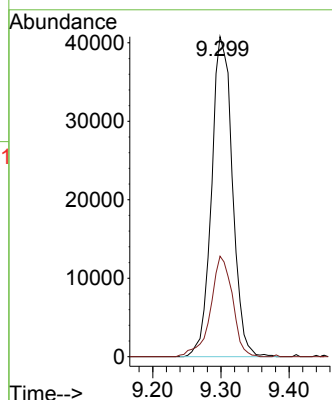
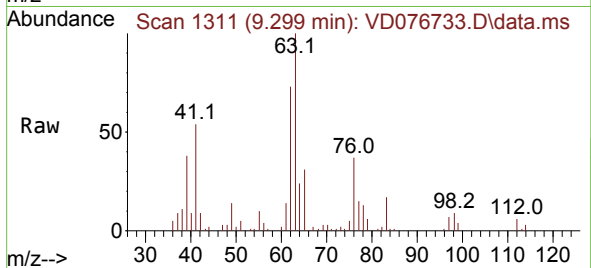
VSTDCCC050EC

Tgt Ion: 63 Resp: 87051

Ion Ratio Lower Upper

63 100

65 31.4 24.5 36.7



#46

Dibromomethane

Concen: 49.810 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD076733.D

Acq: 12 Jul 2023 15:49

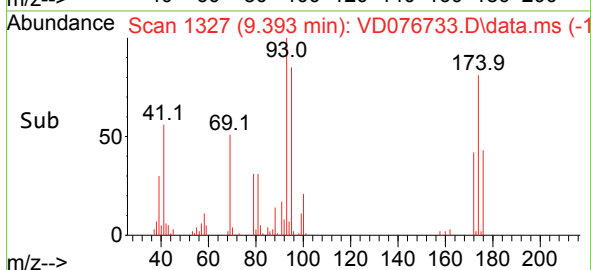
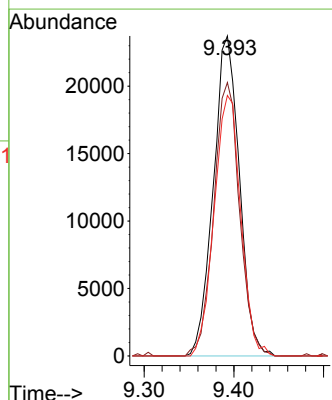
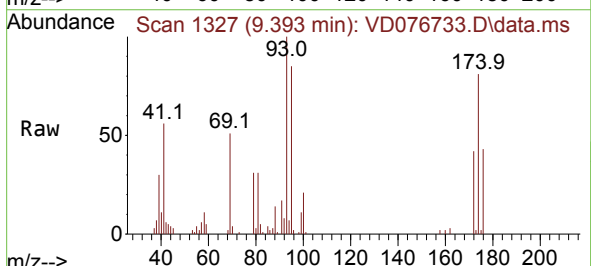
Tgt Ion: 93 Resp: 47834

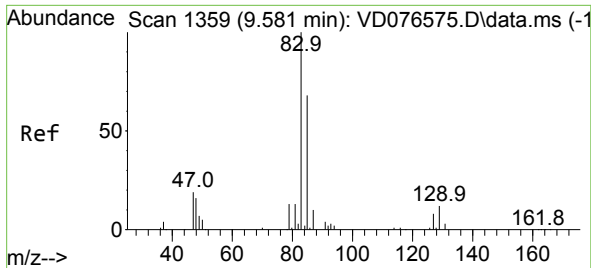
Ion Ratio Lower Upper

93 100

95 84.7 67.7 101.5

174 83.0 85.4 128.2#

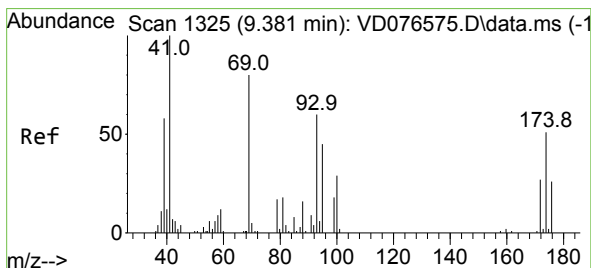
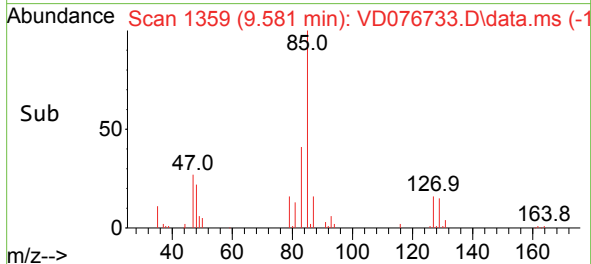
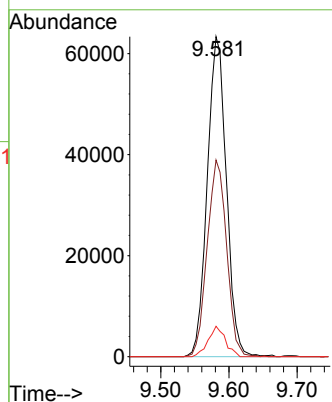
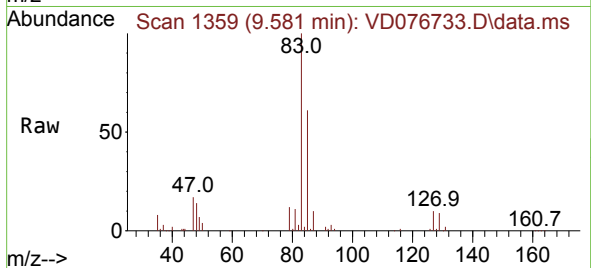




#47
Bromodichloromethane
Concen: 53.857 ug/l
RT: 9.581 min Scan# 1359
Delta R.T. 0.000 min
Lab File: VD076733.D
Acq: 12 Jul 2023 15:49

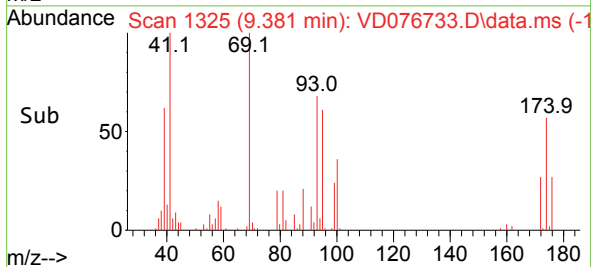
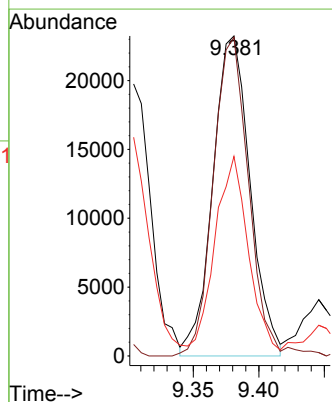
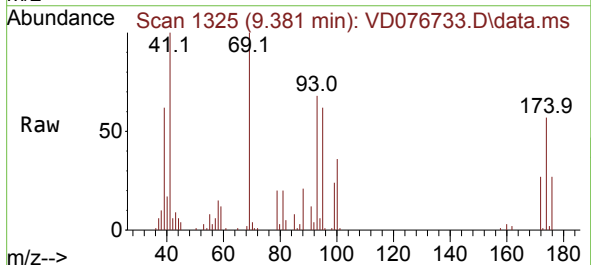
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

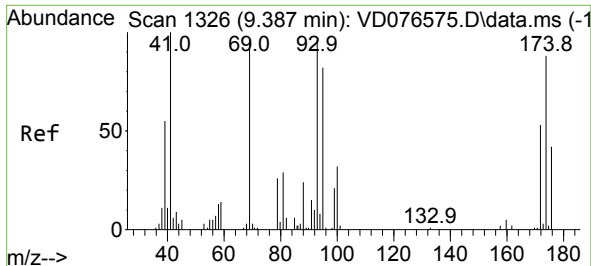
Tgt Ion: 83 Resp: 123771
Ion Ratio Lower Upper
83 100
85 61.5 50.2 75.4
127 9.5 6.3 9.5#



#48
Methyl methacrylate
Concen: 42.134 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD076733.D
Acq: 12 Jul 2023 15:49

Tgt Ion: 41 Resp: 45934
Ion Ratio Lower Upper
41 100
69 94.8 102.2 153.2#
39 52.7 41.4 62.2





#49

1,4-Dioxane

Concen: 1026.577 ug/l

RT: 9.381 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD076733.D

Acq: 12 Jul 2023 15:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

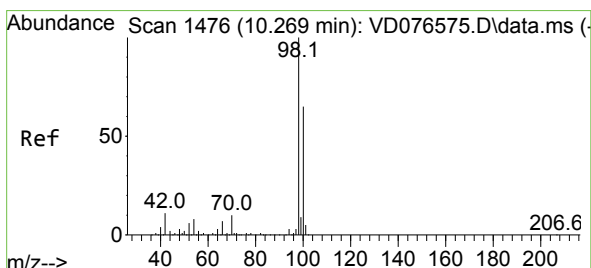
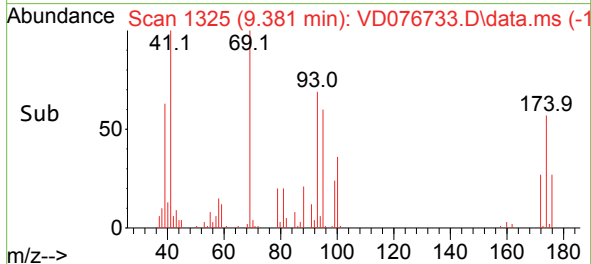
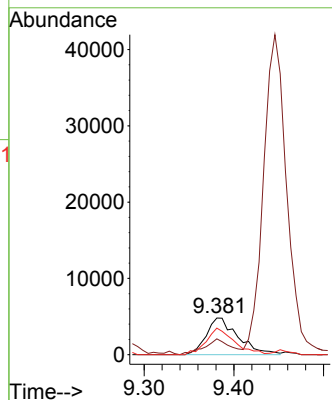
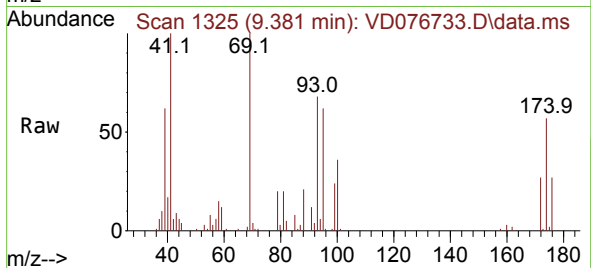
Tgt Ion: 88 Resp: 11812

Ion Ratio Lower Upper

88 100

43 35.9 19.0 28.6#

58 63.9 43.5 65.3



#50

Toluene-d8

Concen: 42.752 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD076733.D

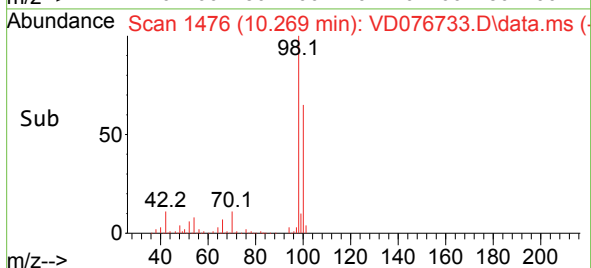
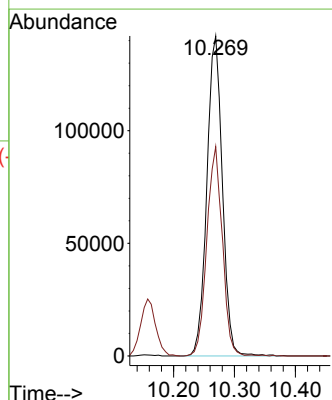
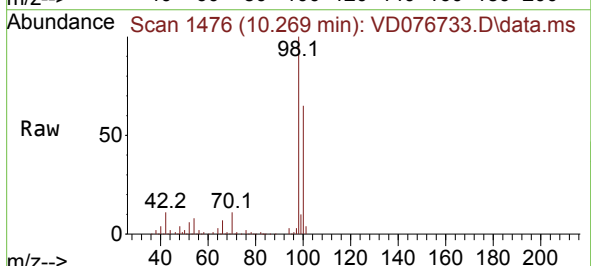
Acq: 12 Jul 2023 15:49

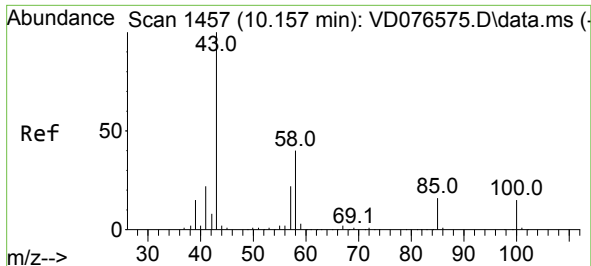
Tgt Ion: 98 Resp: 251028

Ion Ratio Lower Upper

98 100

100 65.7 50.3 75.5





#51

4-Methyl-2-Pentanone

Concen: 225.365 ug/l

RT: 10.157 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VD076733.D

Acq: 12 Jul 2023 15:49

Instrument :

MSVOA_D

ClientSampleId :

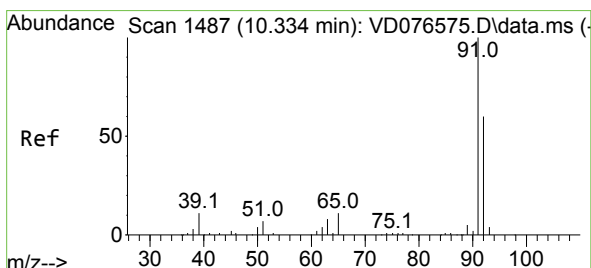
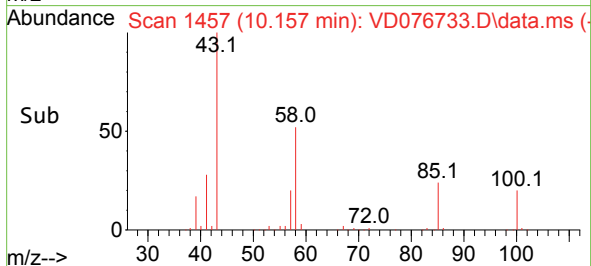
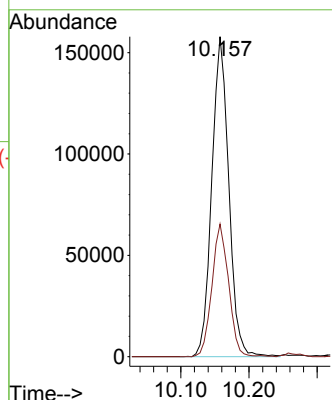
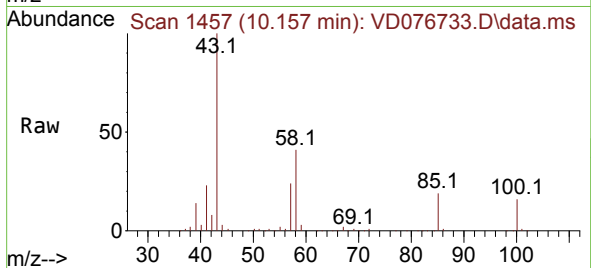
VSTDCCC050EC

Tgt Ion: 43 Resp: 274010

Ion Ratio Lower Upper

43 100

58 40.8 38.9 58.3



#52

Toluene

Concen: 49.761 ug/l

RT: 10.334 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VD076733.D

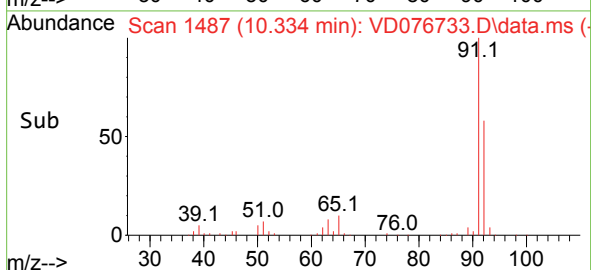
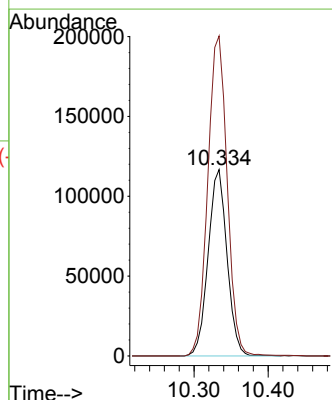
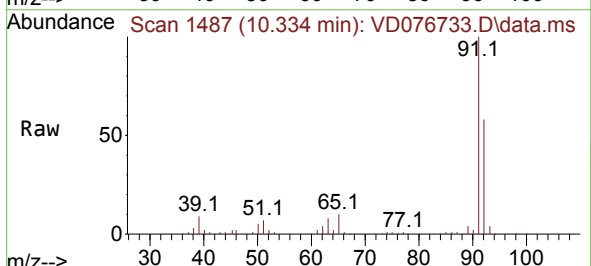
Acq: 12 Jul 2023 15:49

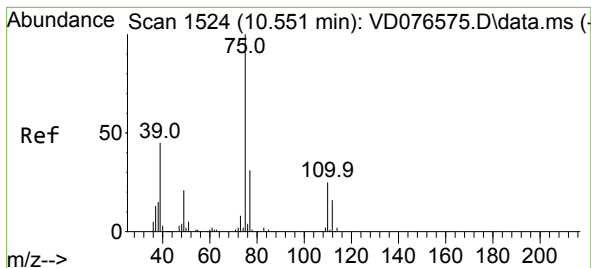
Tgt Ion: 92 Resp: 206462

Ion Ratio Lower Upper

92 100

91 176.6 143.0 214.4

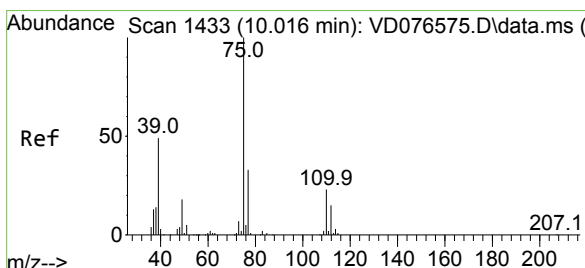
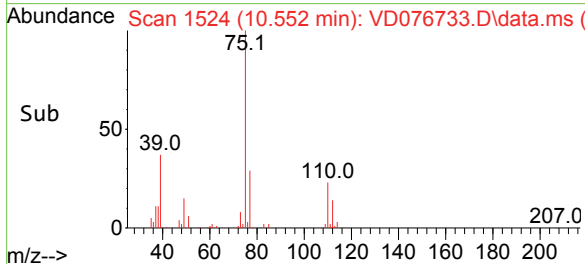
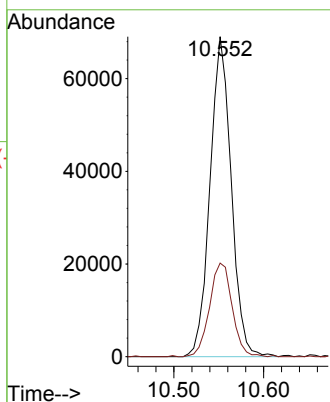
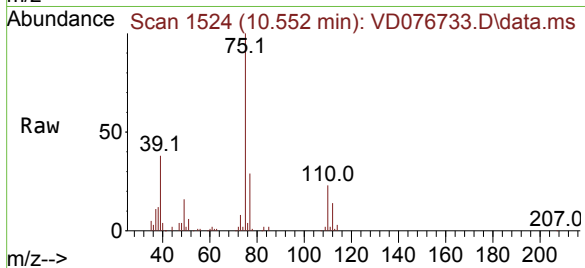




#53
t-1,3-Dichloropropene
Concen: 48.609 ug/l
RT: 10.552 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076733.D
Acq: 12 Jul 2023 15:49

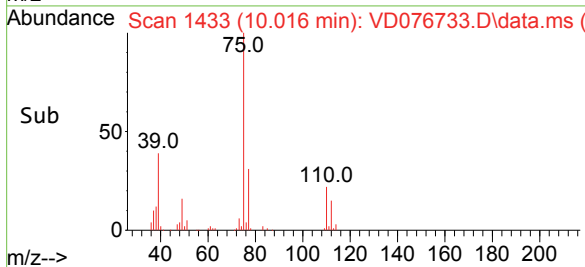
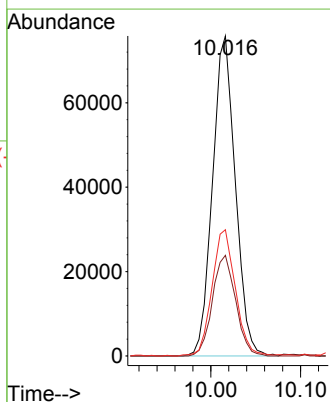
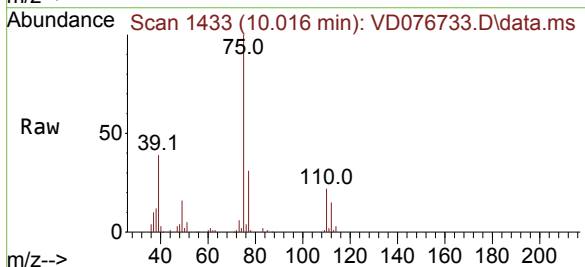
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

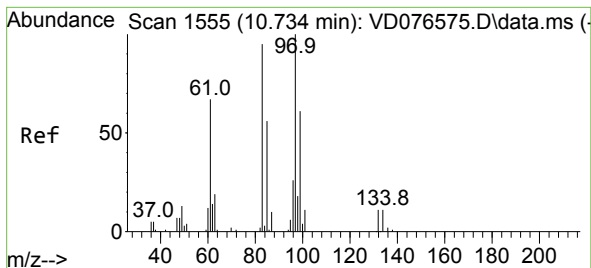
Tgt Ion: 75 Resp: 113356
Ion Ratio Lower Upper
75 100
77 29.2 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 48.355 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD076733.D
Acq: 12 Jul 2023 15:49

Tgt Ion: 75 Resp: 133692
Ion Ratio Lower Upper
75 100
77 31.4 25.5 38.3
39 39.5 22.1 33.1#

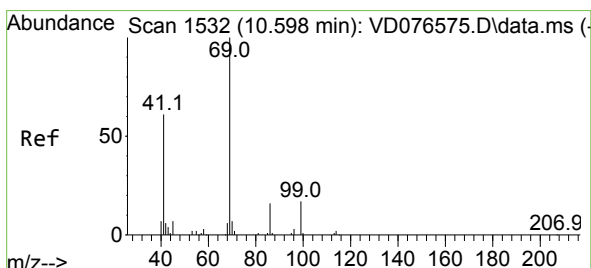
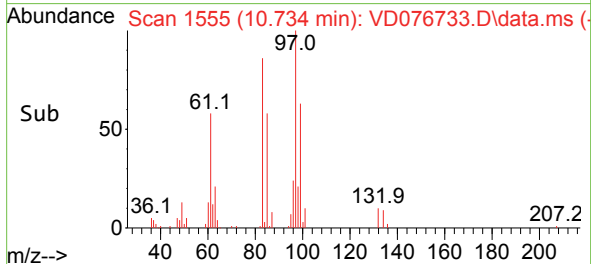
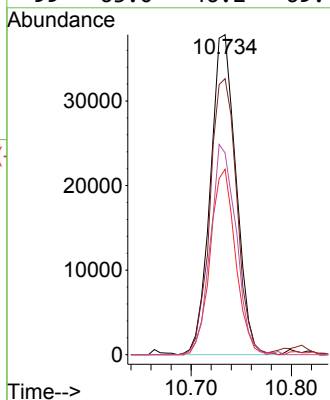
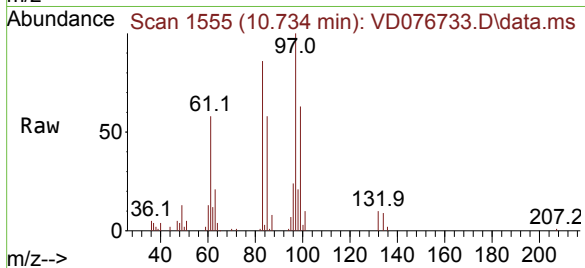




#55
1,1,2-Trichloroethane
Concen: 50.255 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD076733.D
Acq: 12 Jul 2023 15:49

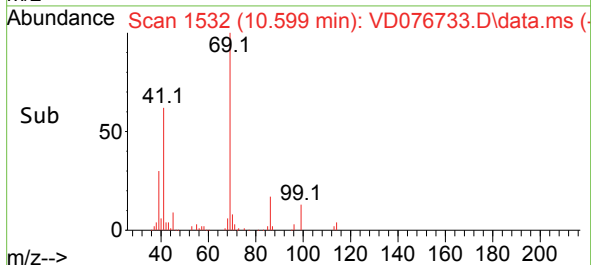
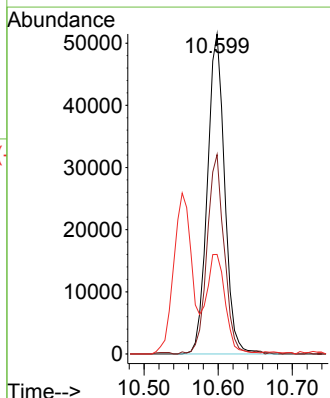
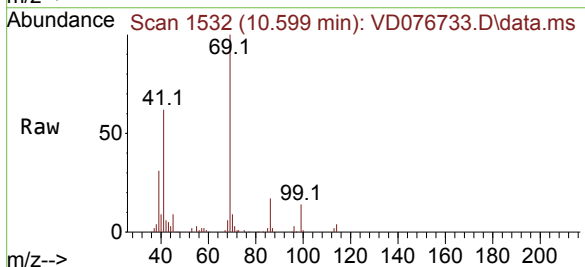
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

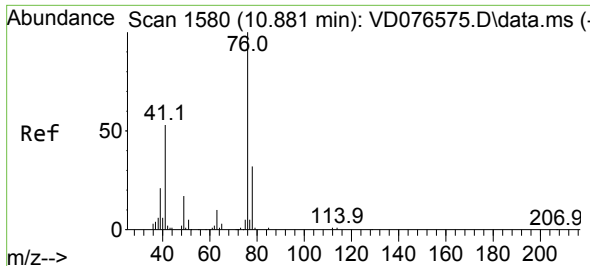
Tgt Ion:	97	Resp:	67508
Ion	Ratio	Lower	Upper
97	100		
83	86.2	65.8	98.6
85	58.0	45.7	68.5
99	63.0	46.2	69.4



#56
Ethyl methacrylate
Concen: 47.470 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD076733.D
Acq: 12 Jul 2023 15:49

Tgt Ion:	69	Resp:	83261
Ion	Ratio	Lower	Upper
69	100		
41	61.8	39.1	58.7#
39	32.8	20.0	30.0#





#57

1,3-Dichloropropane

Concen: 50.344 ug/l

RT: 10.881 min Scan# 115787

Delta R.T. 0.000 min

Lab File: VD076733.D

Acq: 12 Jul 2023 15:49

Instrument :

MSVOA_D

ClientSampleId :

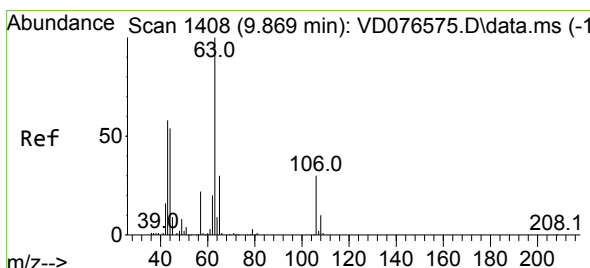
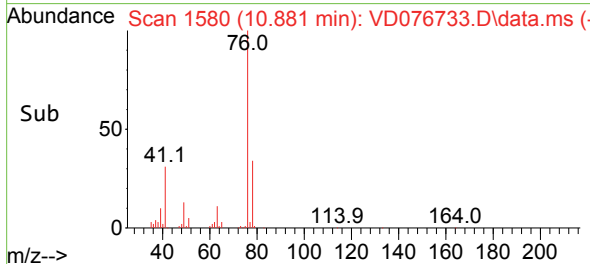
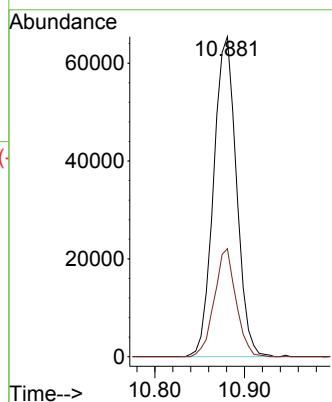
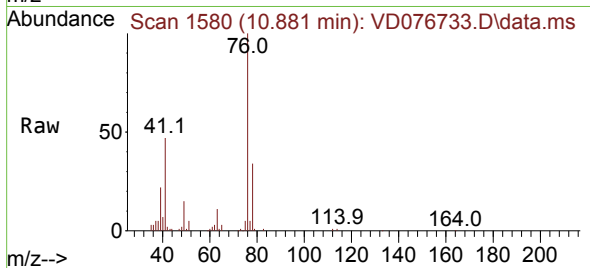
VSTDCCC050EC

Tgt Ion: 76 Resp: 115787

Ion Ratio Lower Upper

76 100

78 32.0 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 218.852 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD076733.D

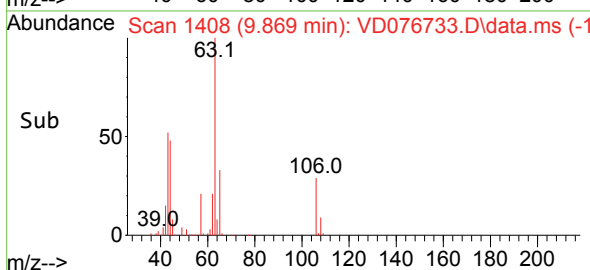
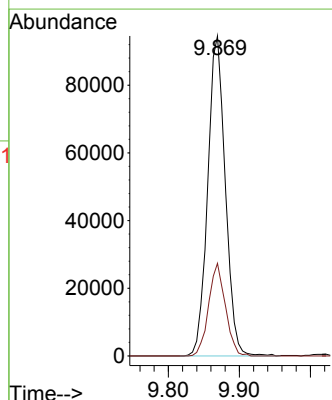
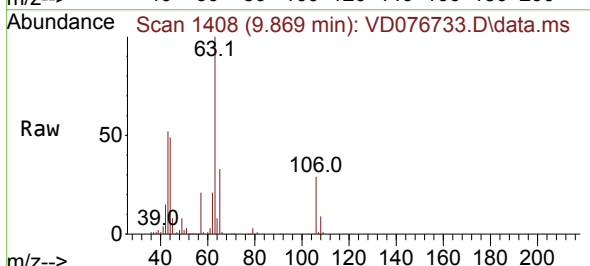
Acq: 12 Jul 2023 15:49

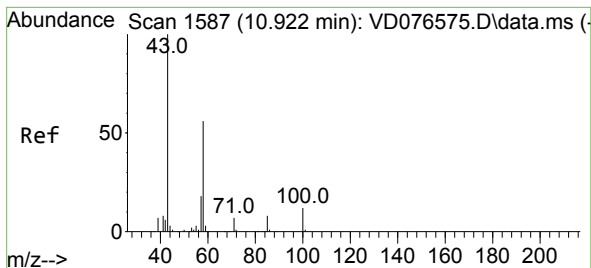
Tgt Ion: 63 Resp: 162741

Ion Ratio Lower Upper

63 100

106 27.7 25.3 37.9

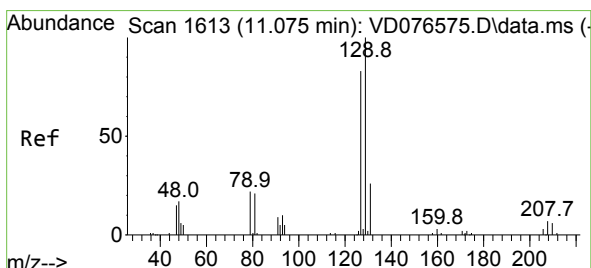
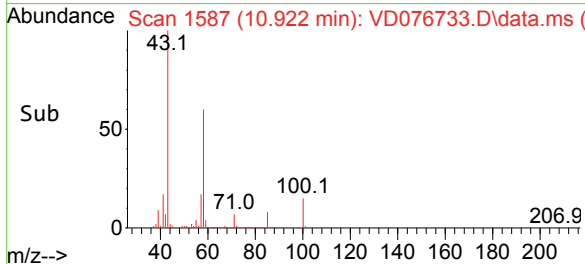
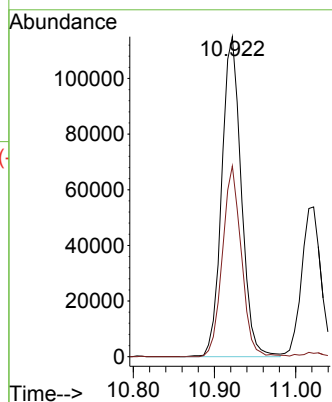
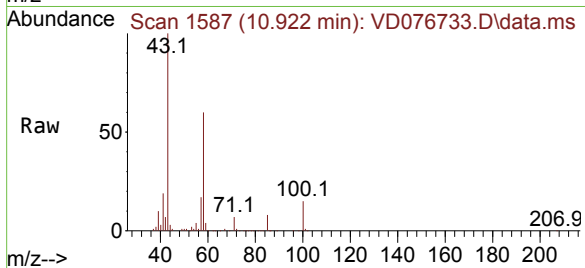




#59
2-Hexanone
Concen: 227.580 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD076733.D
Acq: 12 Jul 2023 15:49

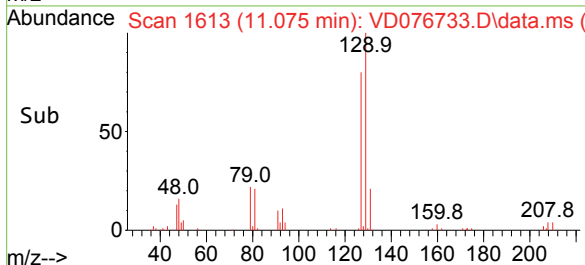
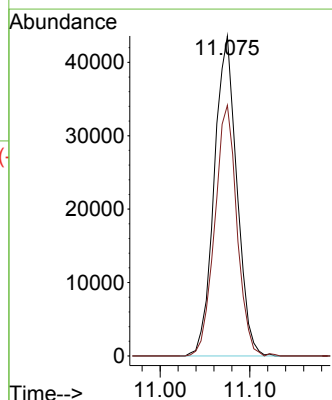
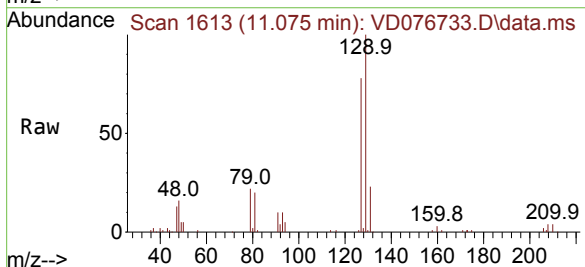
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

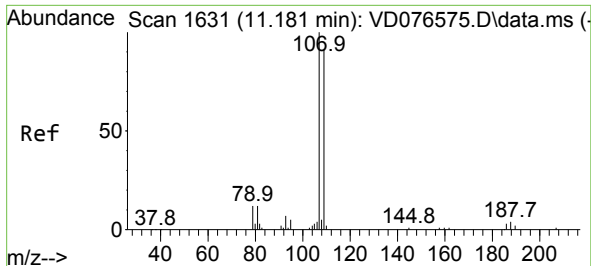
Tgt Ion: 43 Resp: 192476
Ion Ratio Lower Upper
43 100
58 57.8 34.1 102.2



#60
Dibromochloromethane
Concen: 48.834 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD076733.D
Acq: 12 Jul 2023 15:49

Tgt Ion: 129 Resp: 76343
Ion Ratio Lower Upper
129 100
127 76.7 37.1 111.5

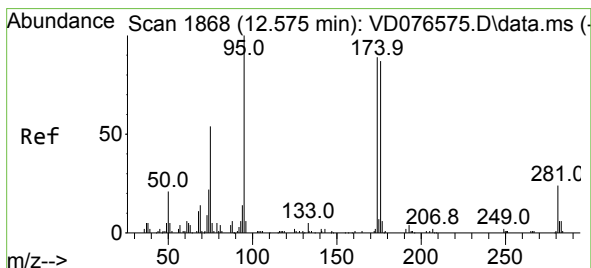
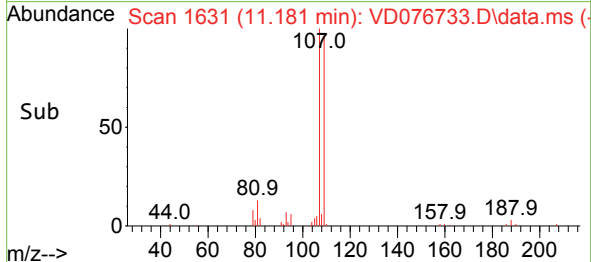
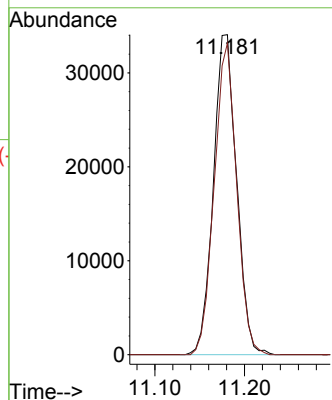
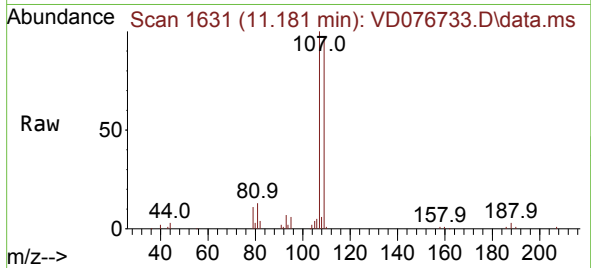




#61
1,2-Dibromoethane
Concen: 48.508 ug/l
RT: 11.181 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD076733.D
Acq: 12 Jul 2023 15:49

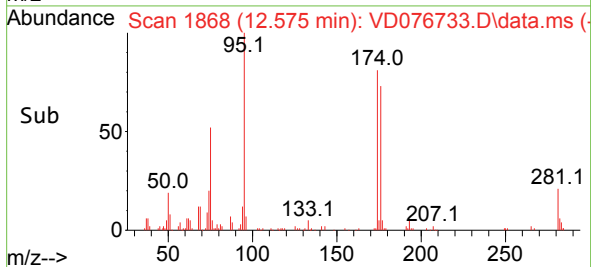
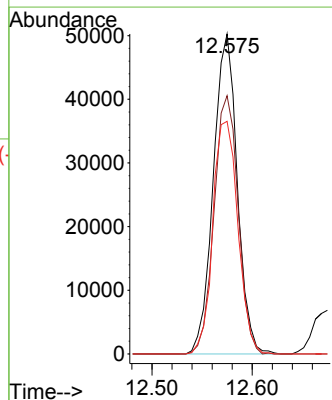
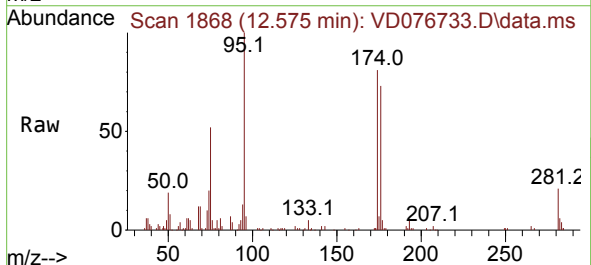
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

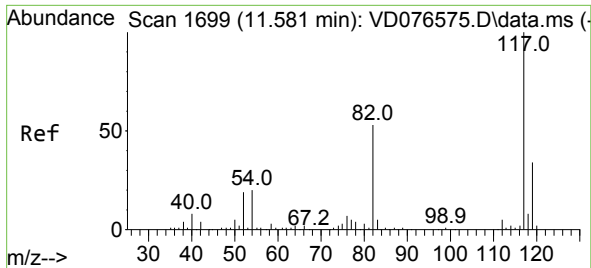
Tgt Ion:107 Resp: 61169
Ion Ratio Lower Upper
107 100
109 94.1 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 43.659 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD076733.D
Acq: 12 Jul 2023 15:49

Tgt Ion: 95 Resp: 83197
Ion Ratio Lower Upper
95 100
174 81.3 0.0 201.8
176 76.3 0.0 191.8

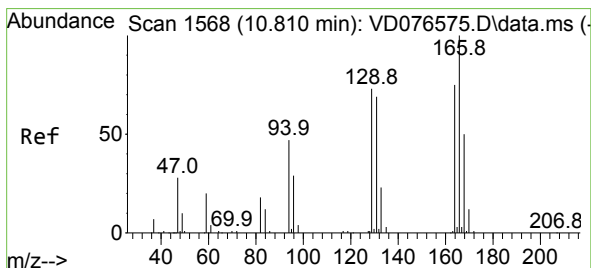
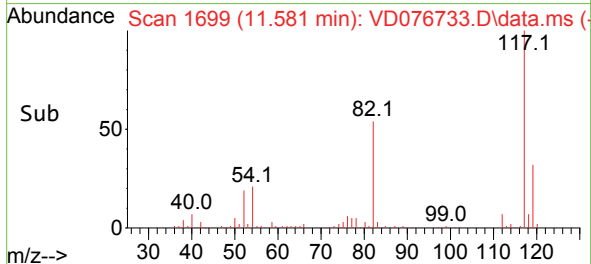
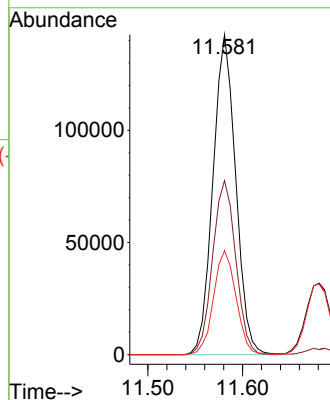
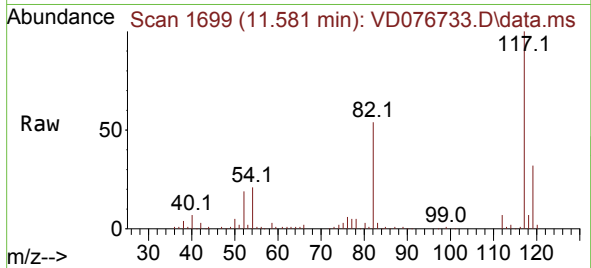




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD076733.D
Acq: 12 Jul 2023 15:49

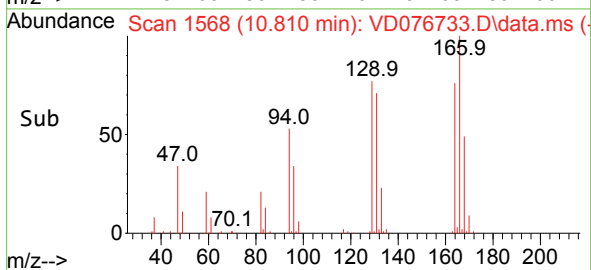
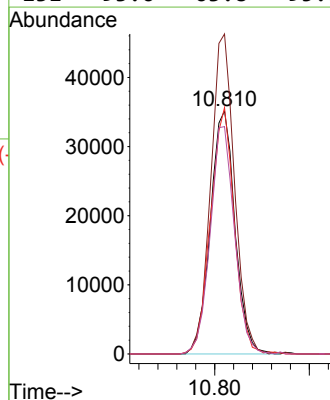
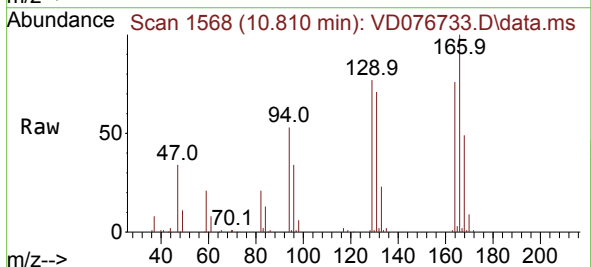
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

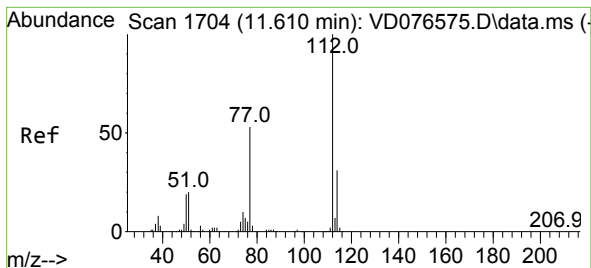
Tgt Ion:117 Resp: 238128
Ion Ratio Lower Upper
117 100
82 54.4 38.3 57.5
119 32.5 25.0 37.4



#64
Tetrachloroethene
Concen: 44.433 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD076733.D
Acq: 12 Jul 2023 15:49

Tgt Ion:164 Resp: 63512
Ion Ratio Lower Upper
164 100
166 131.6 99.2 148.8
129 101.4 68.4 102.6
131 93.6 63.8 95.8

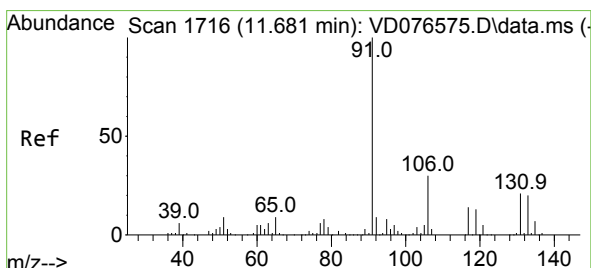
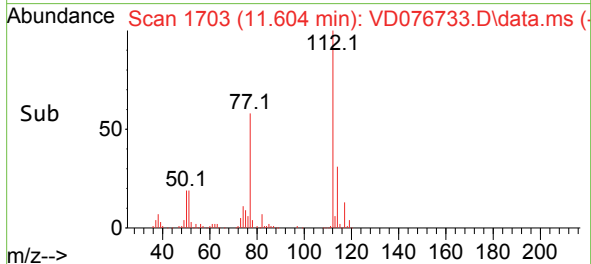
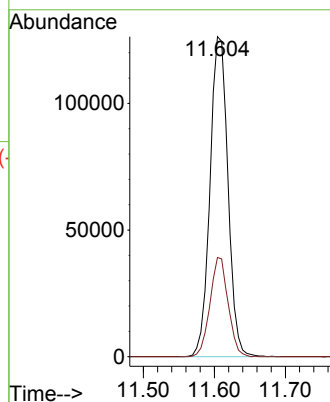
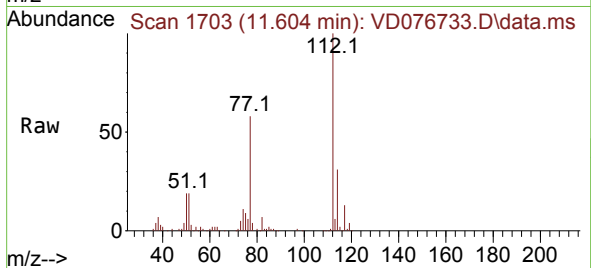




#65
Chlorobenzene
Concen: 49.017 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD076733.D
Acq: 12 Jul 2023 15:49

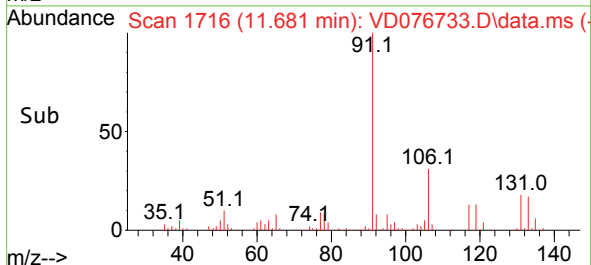
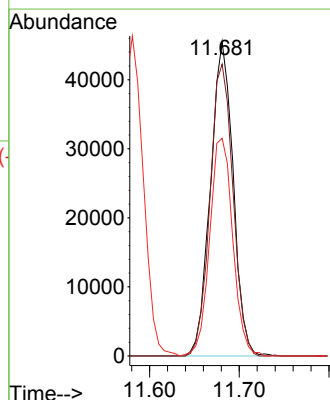
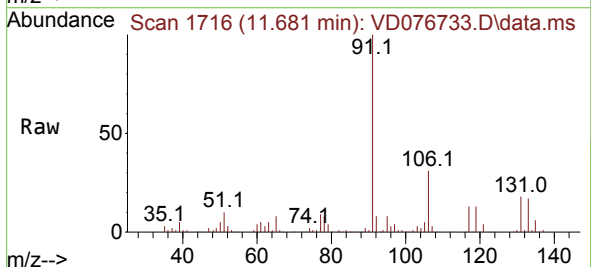
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

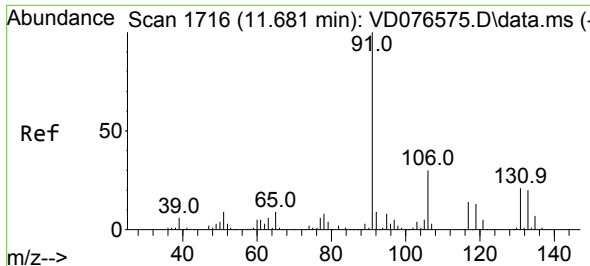
Tgt Ion:112 Resp: 221752
Ion Ratio Lower Upper
112 100
114 31.0 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 49.345 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD076733.D
Acq: 12 Jul 2023 15:49

Tgt Ion:131 Resp: 79836
Ion Ratio Lower Upper
131 100
133 94.2 48.5 145.5
119 70.5 35.6 106.9

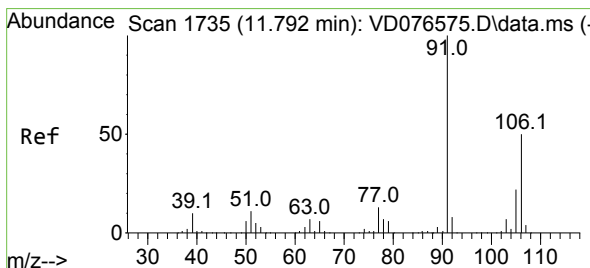
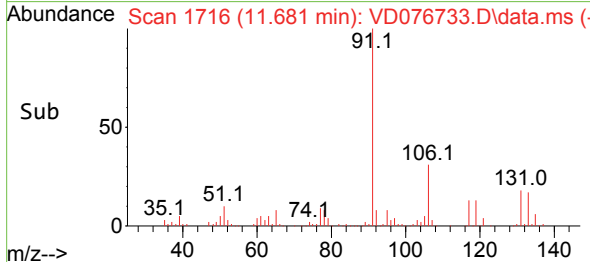
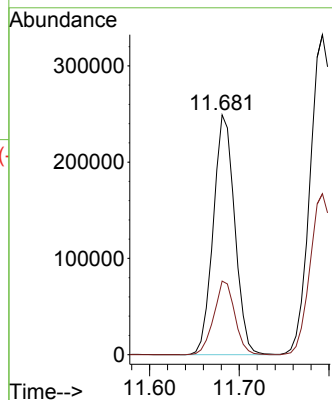
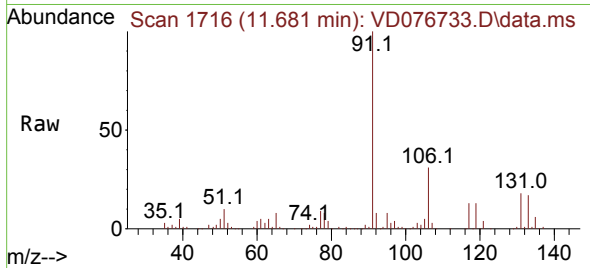




#67
Ethyl Benzene
Concen: 51.548 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD076733.D
Acq: 12 Jul 2023 15:49

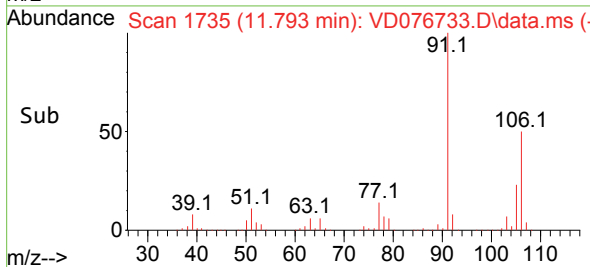
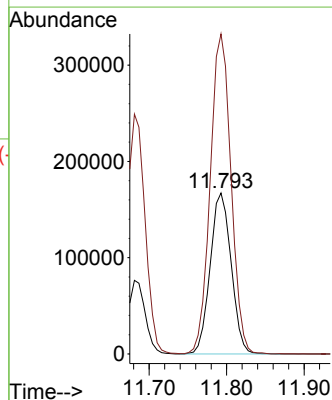
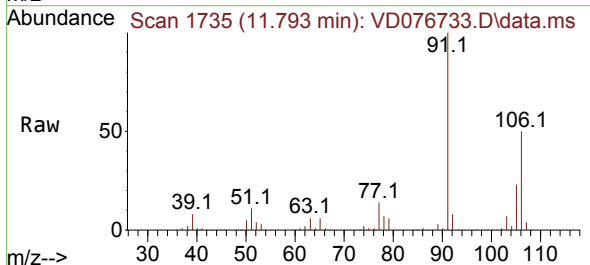
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

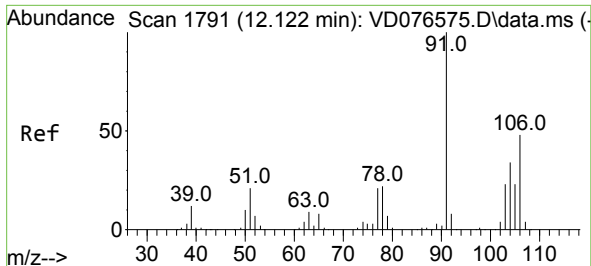
Tgt Ion: 91 Resp: 413215
Ion Ratio Lower Upper
91 100
106 30.7 26.5 39.7



#68
m/p-Xylenes
Concen: 100.338 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD076733.D
Acq: 12 Jul 2023 15:49

Tgt Ion:106 Resp: 313973
Ion Ratio Lower Upper
106 100
91 197.4 147.0 220.6

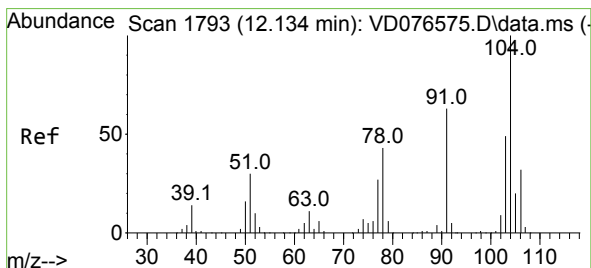
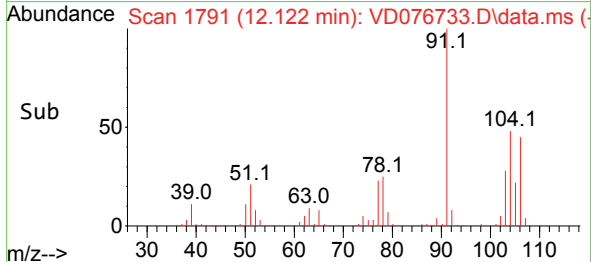
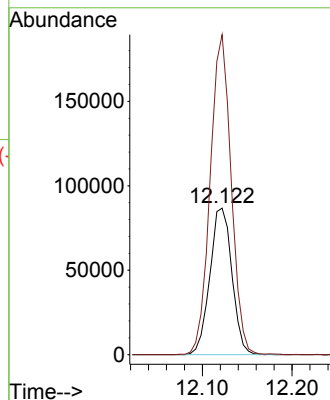
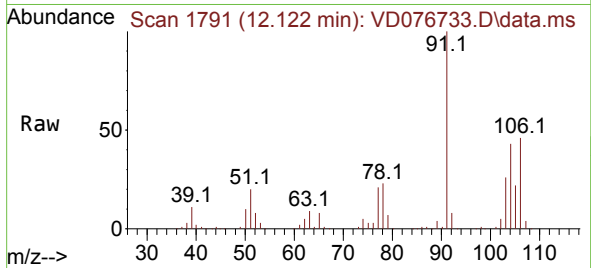




#69
o-Xylene
Concen: 49.739 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD076733.D
Acq: 12 Jul 2023 15:49

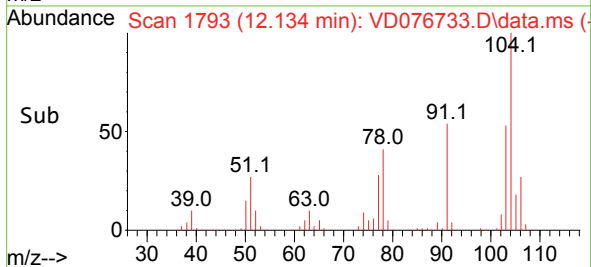
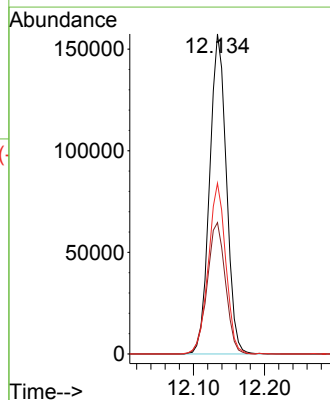
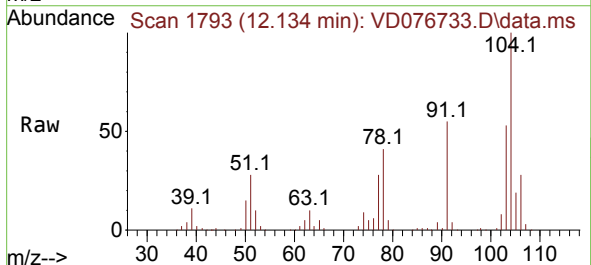
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

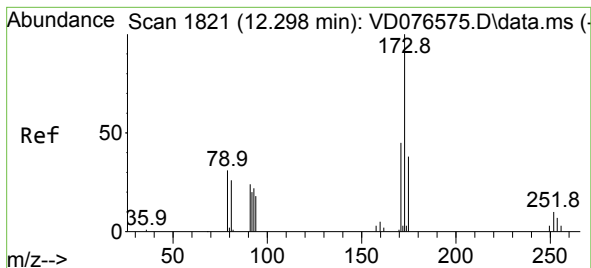
Tgt Ion:106 Resp: 148157
Ion Ratio Lower Upper
106 100
91 207.9 97.9 293.6



#70
Styrene
Concen: 50.277 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD076733.D
Acq: 12 Jul 2023 15:49

Tgt Ion:104 Resp: 258699
Ion Ratio Lower Upper
104 100
78 44.7 33.2 49.8
103 55.3 43.6 65.4





#71

Bromoform

Concen: 43.953 ug/l

RT: 12.298 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD076733.D

Acq: 12 Jul 2023 15:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

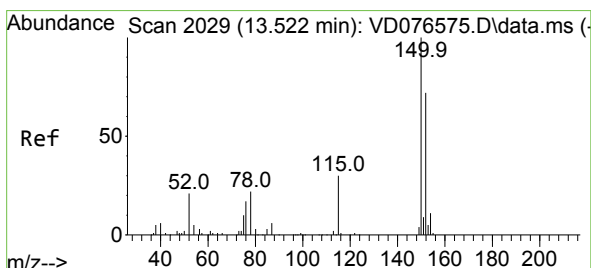
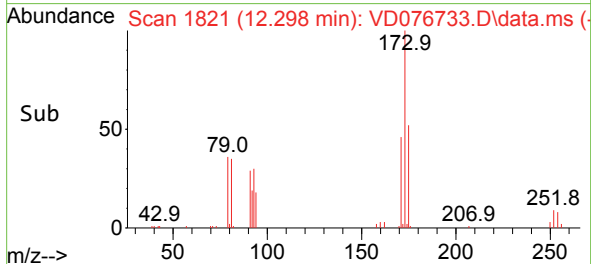
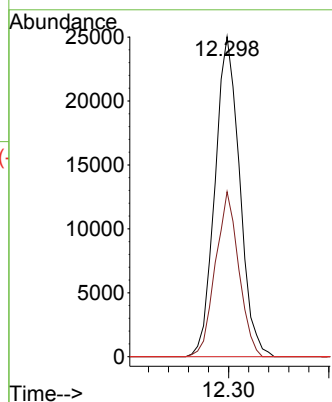
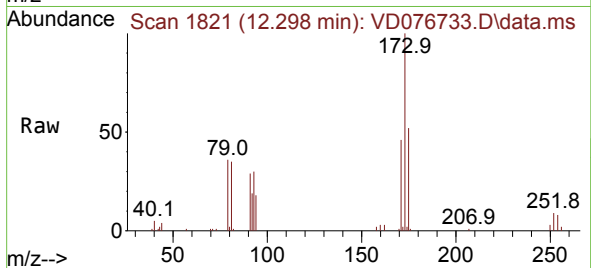
Tgt Ion:173 Resp: 42697

Ion Ratio Lower Upper

173 100

175 48.8 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: VD076733.D

Acq: 12 Jul 2023 15:49

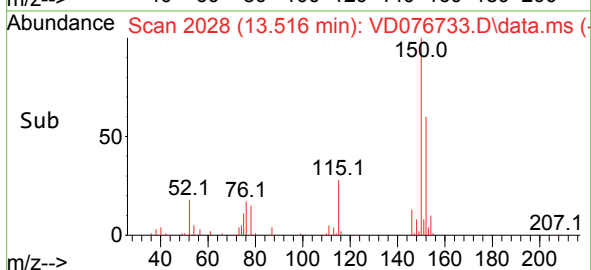
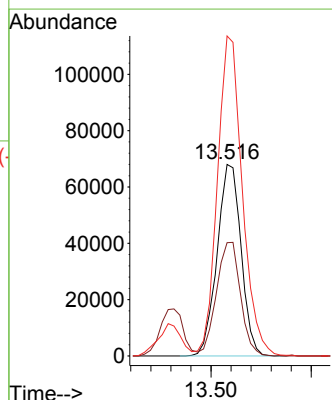
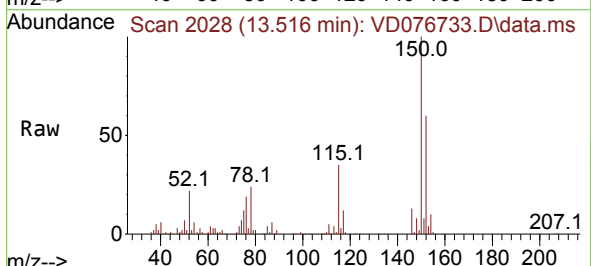
Tgt Ion:152 Resp: 112762

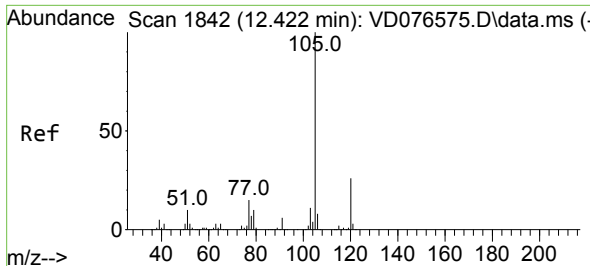
Ion Ratio Lower Upper

152 100

115 59.6 27.1 81.3

150 174.0 0.0 353.6

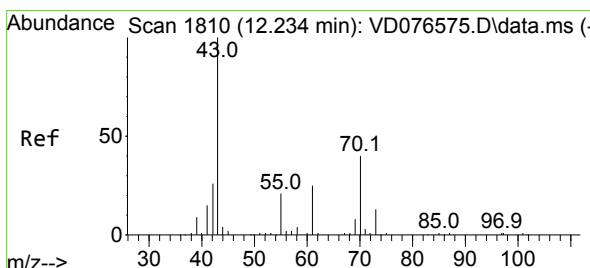
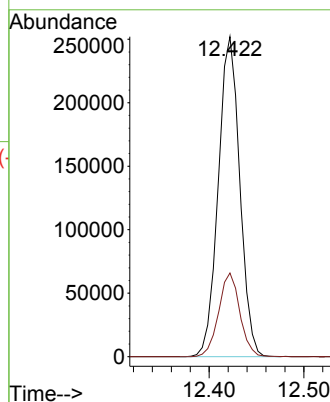
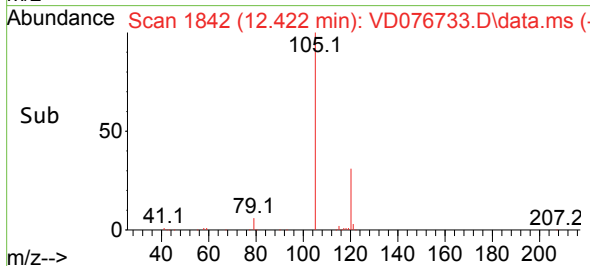
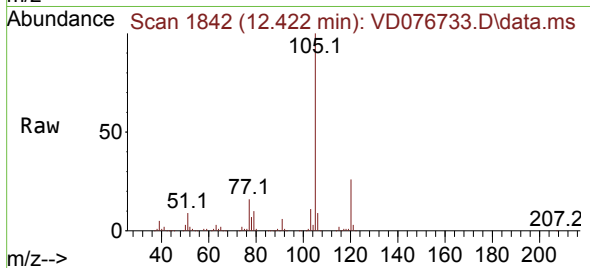




#73
Isopropylbenzene
Concen: 52.396 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD076733.D
Acq: 12 Jul 2023 15:49

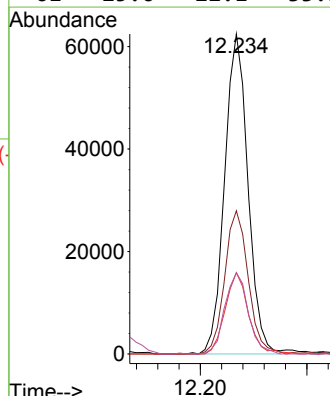
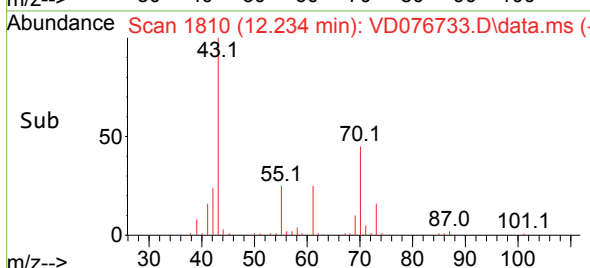
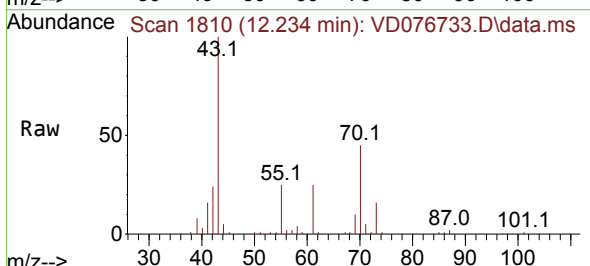
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

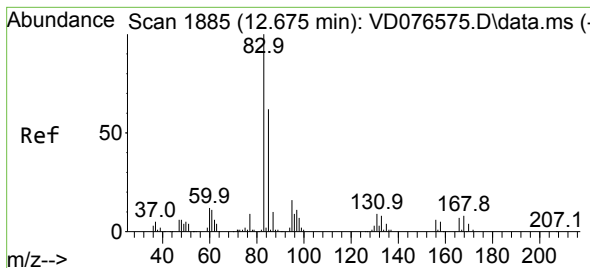
Tgt Ion:105 Resp: 397791
Ion Ratio Lower Upper
105 100
120 25.8 14.3 42.9



#74
N-ethyl acetate
Concen: 42.638 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD076733.D
Acq: 12 Jul 2023 15:49

Tgt Ion: 43 Resp: 94767
Ion Ratio Lower Upper
43 100
70 45.1 45.0 67.4
55 25.3 23.8 35.6
61 25.6 22.1 33.1

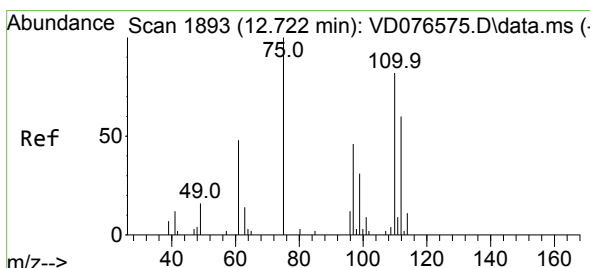
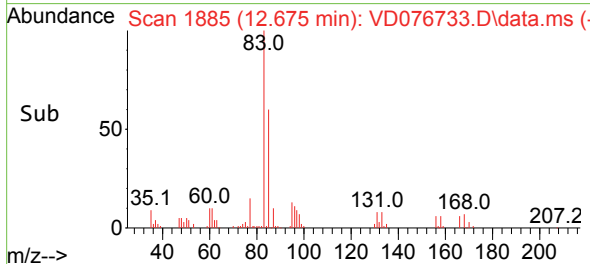
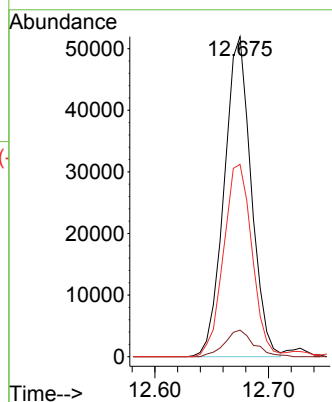
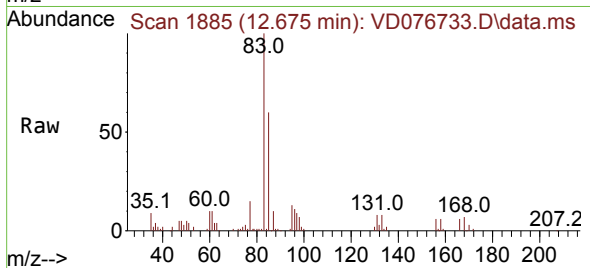




#75
 1,1,2,2-Tetrachloroethane
 Concen: 54.754 ug/l
 RT: 12.675 min Scan# 1885
 Delta R.T. 0.000 min
 Lab File: VD076733.D
 Acq: 12 Jul 2023 15:49

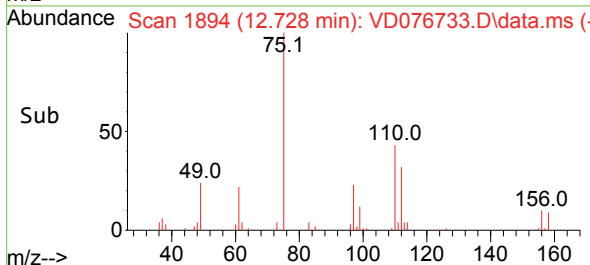
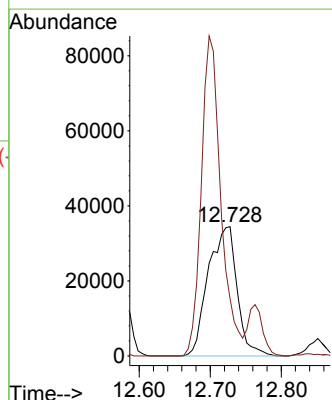
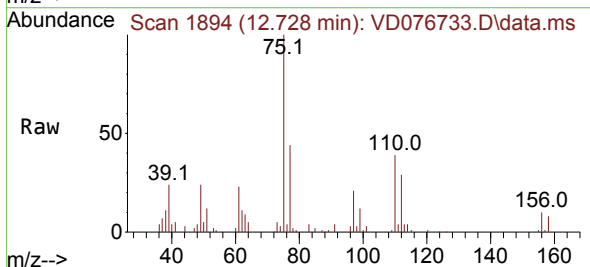
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

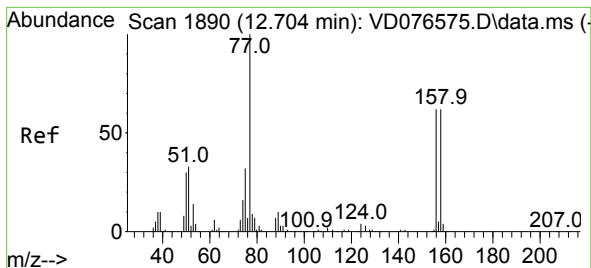
Tgt Ion: 83 Resp: 85779
 Ion Ratio Lower Upper
 83 100
 131 9.0 5.1 15.3
 85 63.3 32.6 97.8



#76
 1,2,3-Trichloropropane
 Concen: 86.849 ug/l
 RT: 12.728 min Scan# 1894
 Delta R.T. 0.006 min
 Lab File: VD076733.D
 Acq: 12 Jul 2023 15:49

Tgt Ion: 75 Resp: 97196
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 44.468 ug/l

RT: 12.704 min Scan# 1890

Delta R.T. 0.000 min

Lab File: VD076733.D

Acq: 12 Jul 2023 15:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

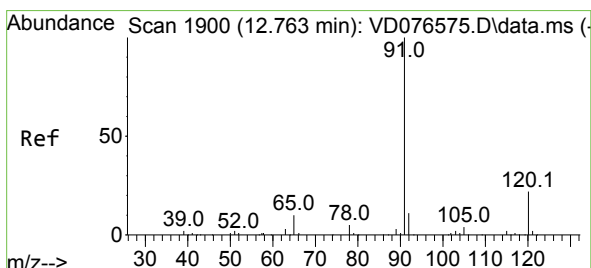
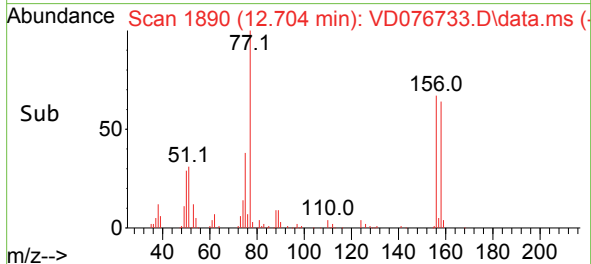
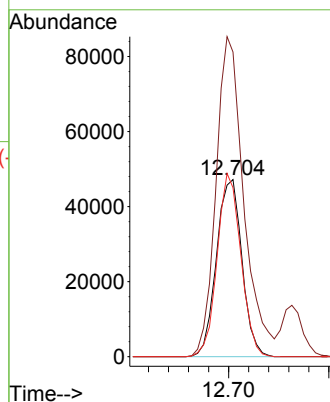
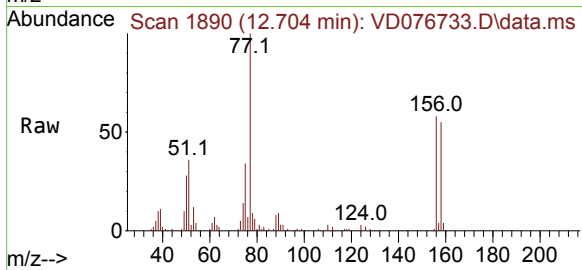
Tgt Ion:156 Resp: 83289

Ion Ratio Lower Upper

156 100

77 196.7 76.8 230.4

158 96.3 48.6 145.9



#78

n-propylbenzene

Concen: 53.591 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD076733.D

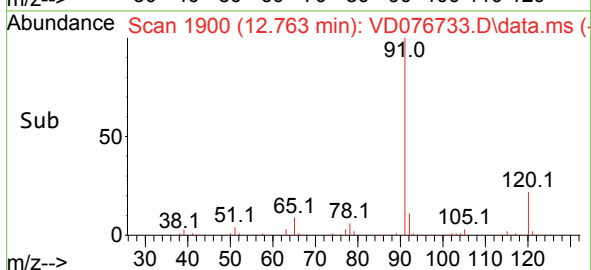
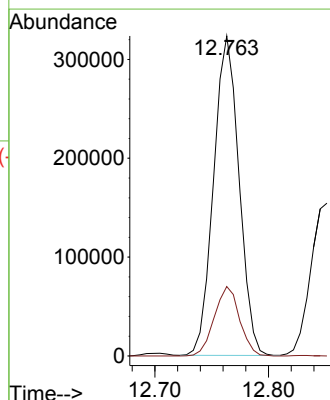
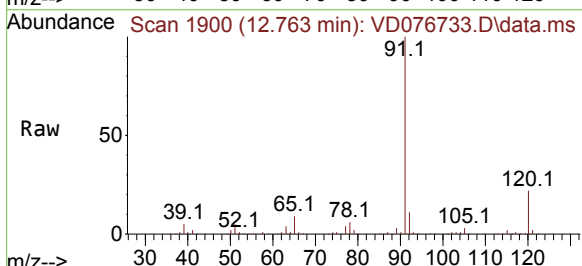
Acq: 12 Jul 2023 15:49

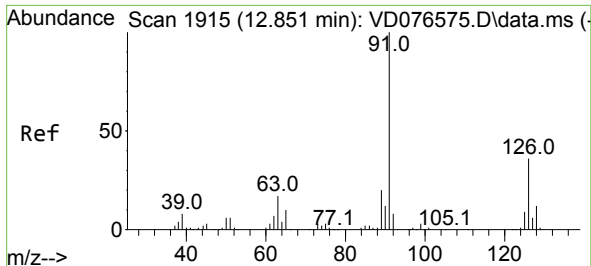
Tgt Ion: 91 Resp: 502370

Ion Ratio Lower Upper

91 100

120 21.6 12.4 37.2

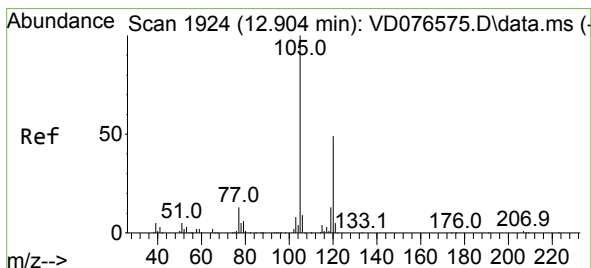
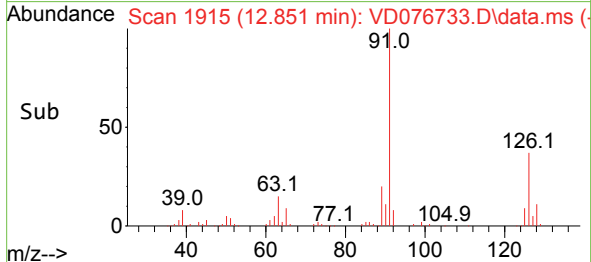
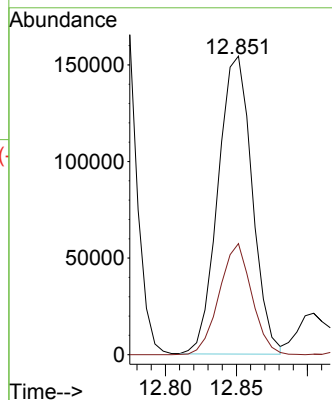
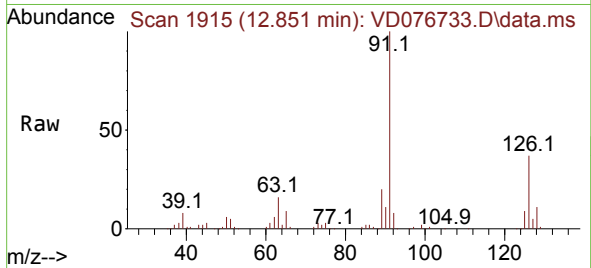




#79
2-Chlorotoluene
Concen: 50.126 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD076733.D
Acq: 12 Jul 2023 15:49

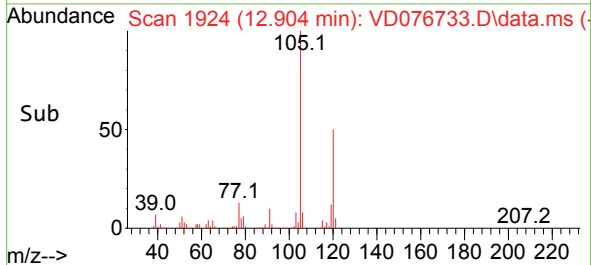
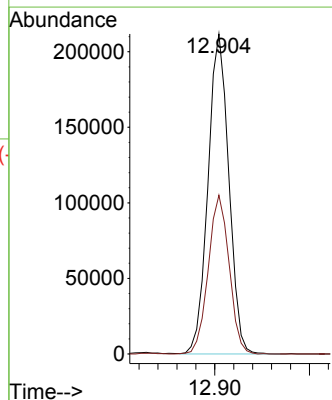
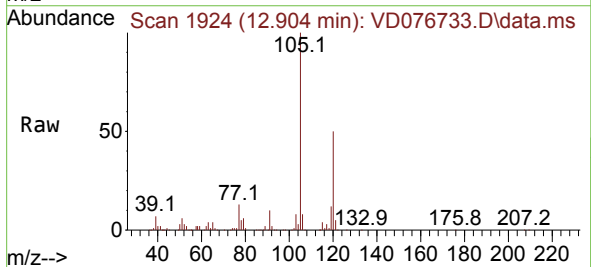
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

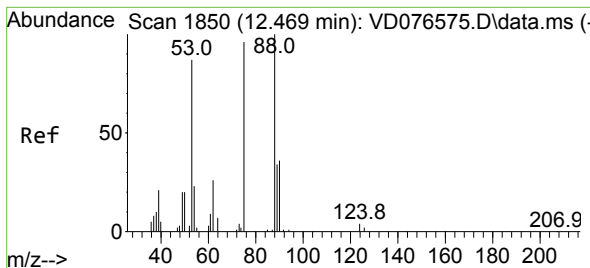
Tgt Ion: 91 Resp: 258031
Ion Ratio Lower Upper
91 100
126 35.5 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 52.037 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD076733.D
Acq: 12 Jul 2023 15:49

Tgt Ion: 105 Resp: 322631
Ion Ratio Lower Upper
105 100
120 49.7 26.4 79.2

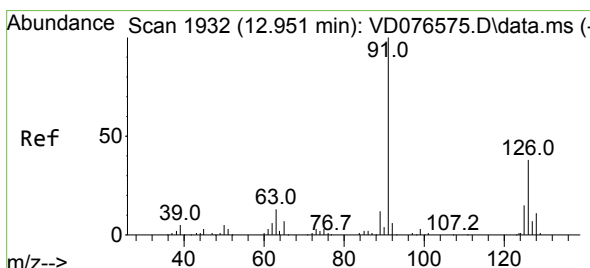
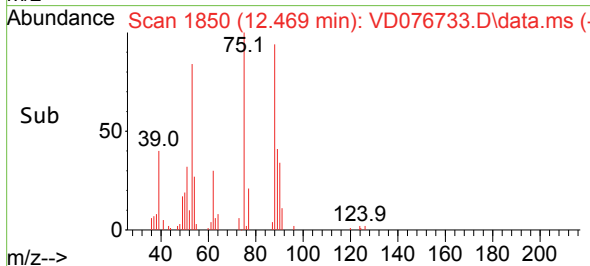
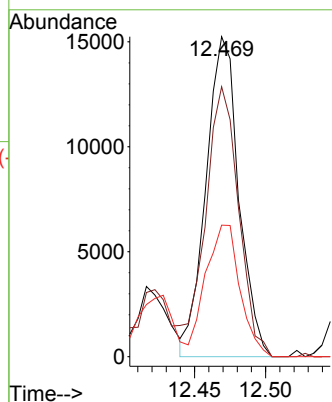
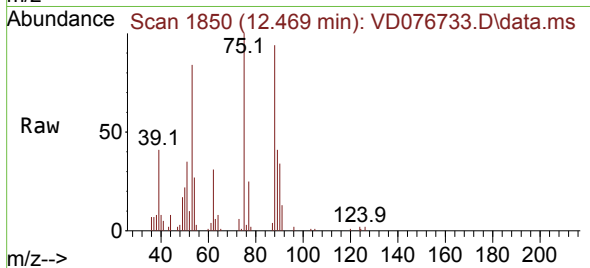




#81
trans-1,4-Dichloro-2-butene
Concen: 47.882 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD076733.D
Acq: 12 Jul 2023 15:49

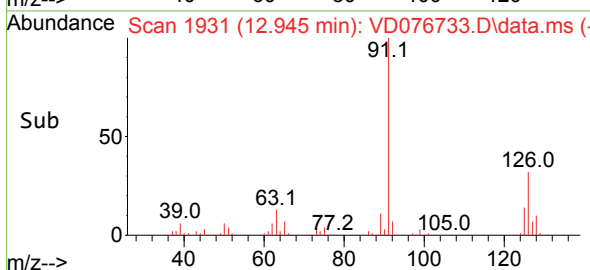
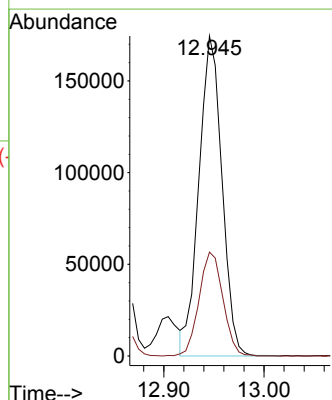
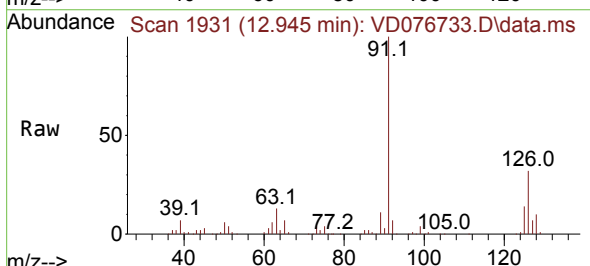
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

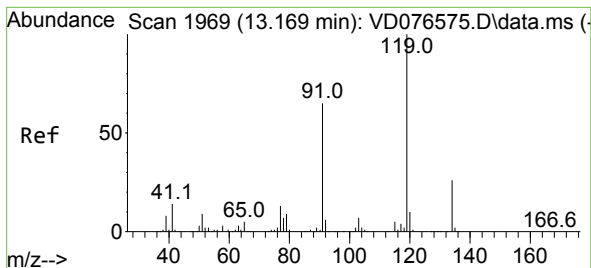
Tgt Ion: 75 Resp: 24455
Ion Ratio Lower Upper
75 100
53 85.2 63.0 94.4
89 42.9 37.9 56.9



#82
4-Chlorotoluene
Concen: 52.158 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD076733.D
Acq: 12 Jul 2023 15:49

Tgt Ion: 91 Resp: 278831
Ion Ratio Lower Upper
91 100
126 33.6 19.4 58.4





#83

tert-Butylbenzene

Concen: 51.306 ug/l

RT: 13.163 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD076733.D

Acq: 12 Jul 2023 15:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

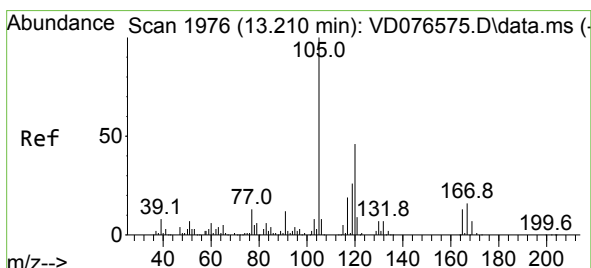
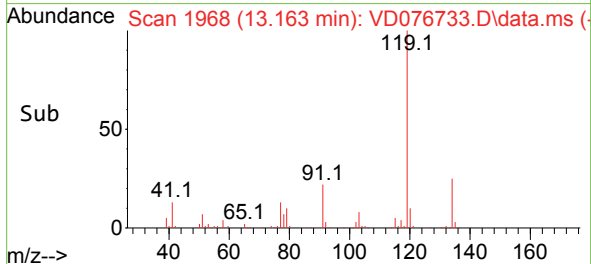
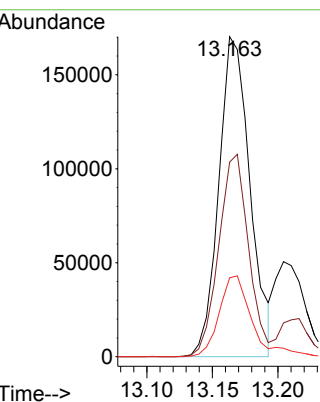
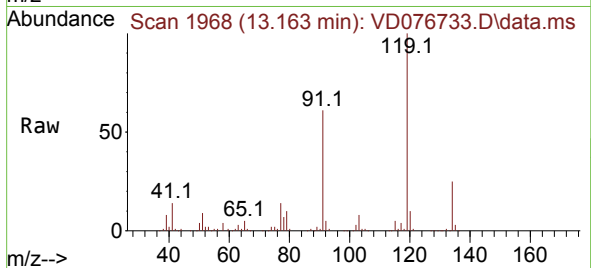
Tgt Ion:119 Resp: 282645

Ion Ratio Lower Upper

119 100

91 60.5 29.3 87.8

134 26.5 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 51.726 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD076733.D

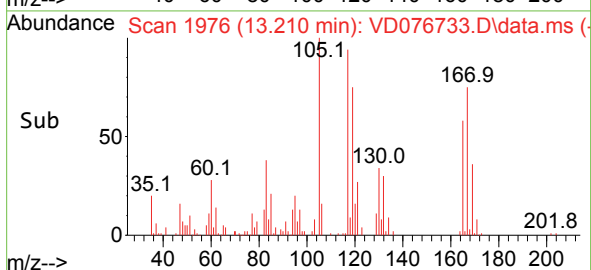
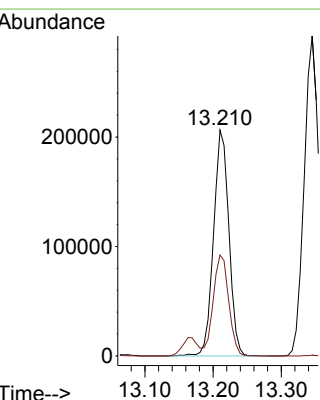
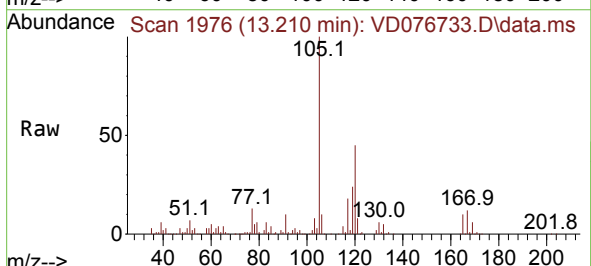
Acq: 12 Jul 2023 15:49

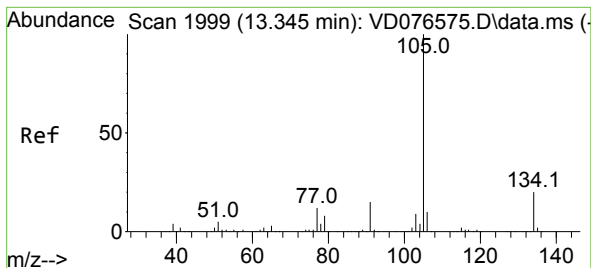
Tgt Ion:105 Resp: 323185

Ion Ratio Lower Upper

105 100

120 45.3 24.3 72.9

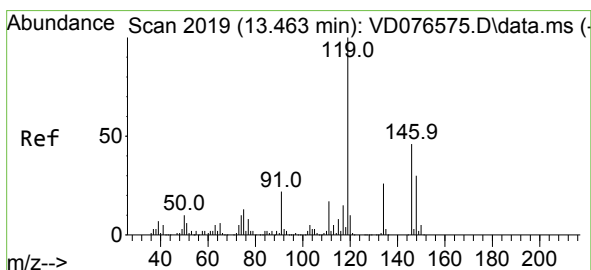
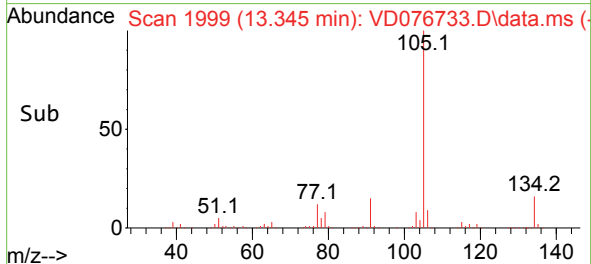
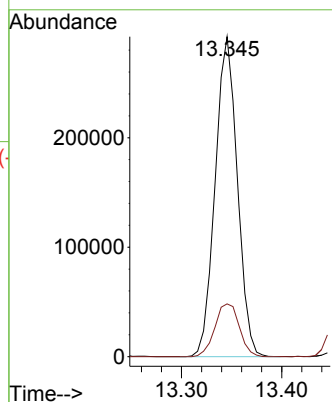
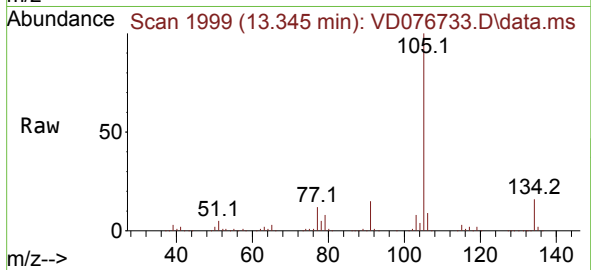




#85
 sec-Butylbenzene
 Concen: 54.823 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD076733.D
 Acq: 12 Jul 2023 15:49

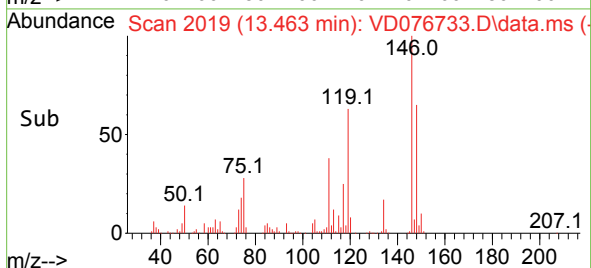
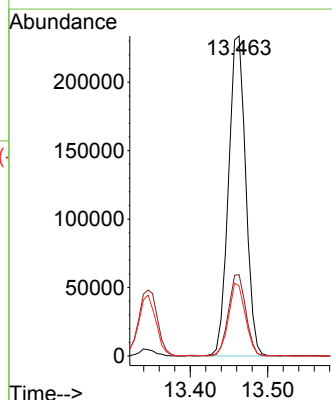
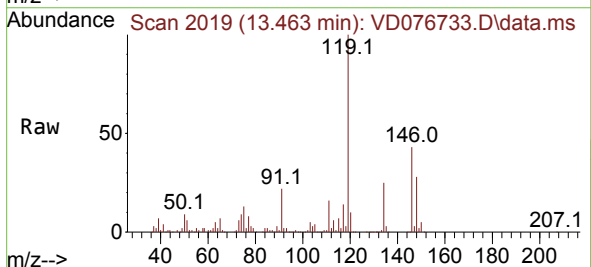
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

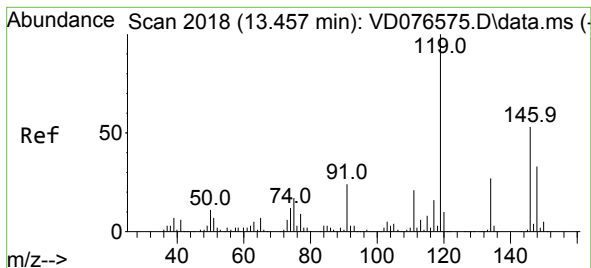
Tgt Ion:105 Resp: 448190
 Ion Ratio Lower Upper
 105 100
 134 18.2 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 52.974 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD076733.D
 Acq: 12 Jul 2023 15:49

Tgt Ion:119 Resp: 361871
 Ion Ratio Lower Upper
 119 100
 134 25.6 14.2 42.6
 91 22.3 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 48.433 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD076733.D

Acq: 12 Jul 2023 15:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

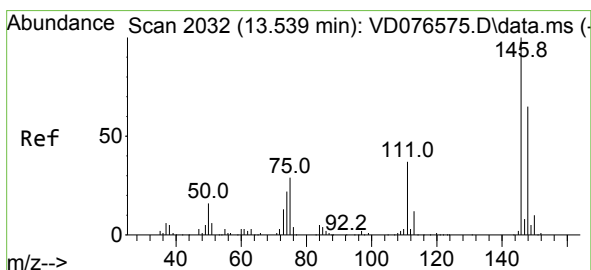
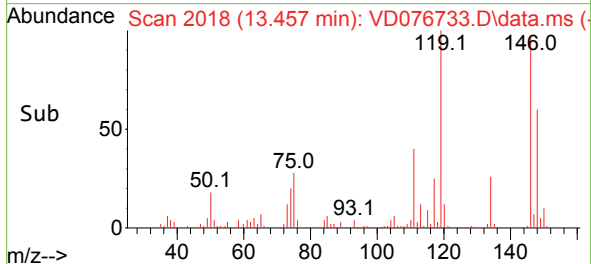
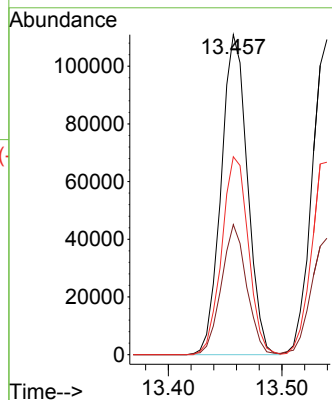
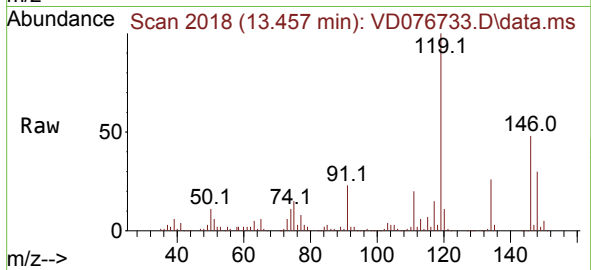
Tgt Ion:146 Resp: 178193

Ion Ratio Lower Upper

146 100

111 39.3 17.9 53.8

148 62.6 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 47.762 ug/l

RT: 13.540 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VD076733.D

Acq: 12 Jul 2023 15:49

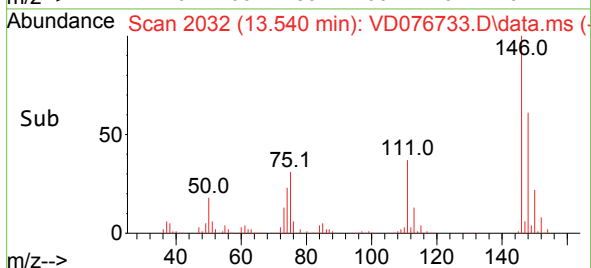
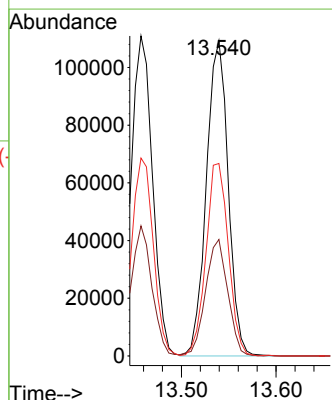
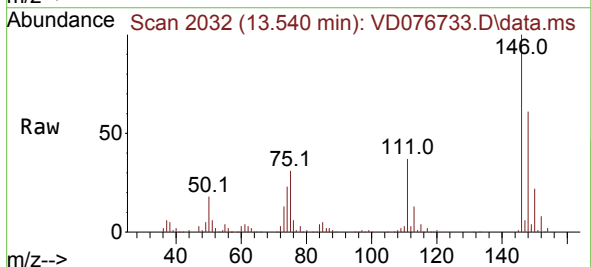
Tgt Ion:146 Resp: 175253

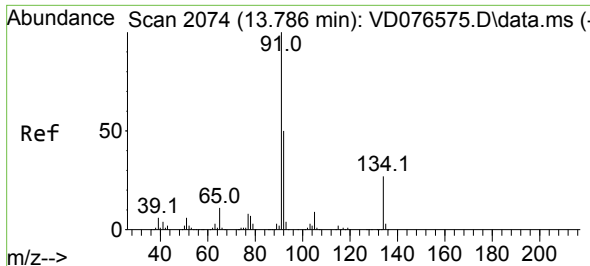
Ion Ratio Lower Upper

146 100

111 37.7 17.4 52.3

148 62.7 31.7 95.1

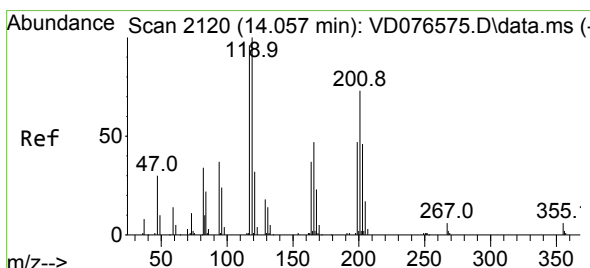
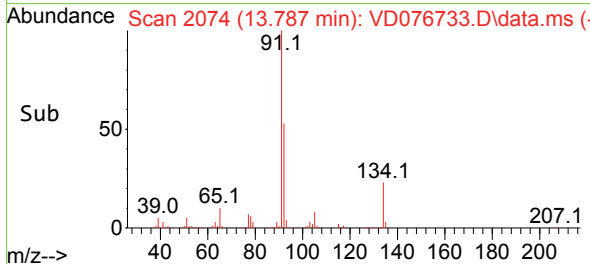
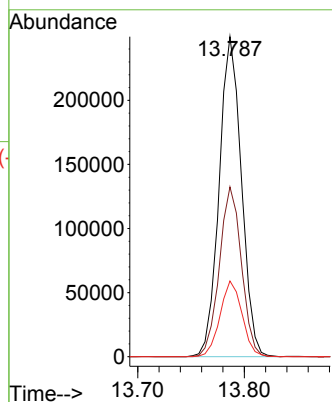
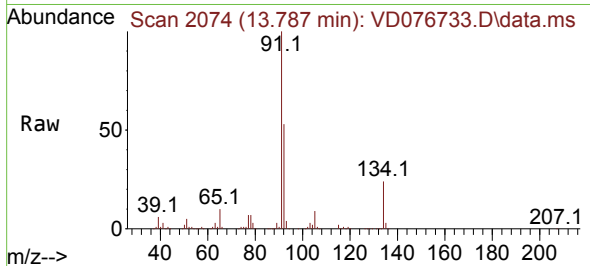




#89
n-Butylbenzene
Concen: 54.272 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD076733.D
Acq: 12 Jul 2023 15:49

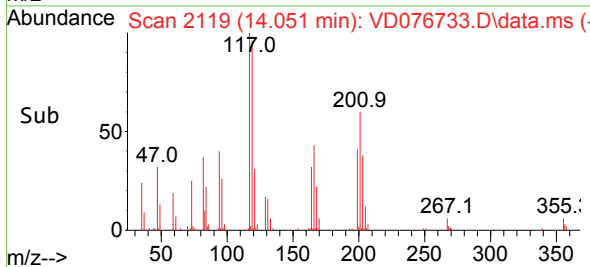
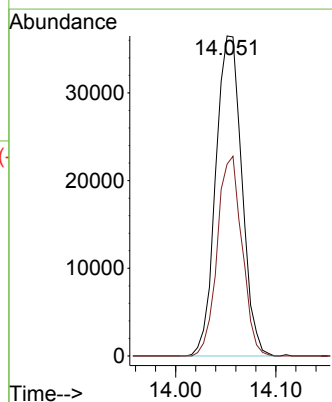
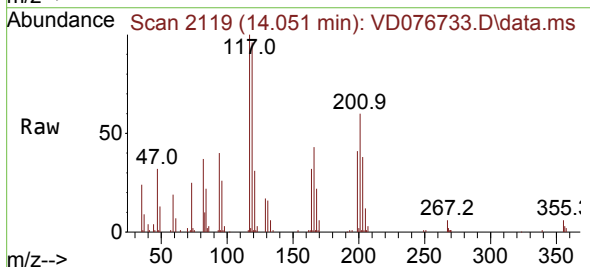
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

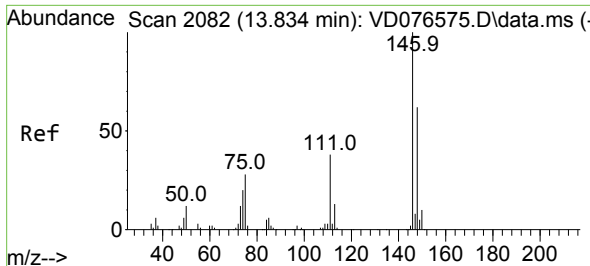
Tgt Ion: 91 Resp: 361607
Ion Ratio Lower Upper
91 100
92 52.6 26.5 79.5
134 23.5 13.8 41.3



#90
Hexachloroethane
Concen: 52.351 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VD076733.D
Acq: 12 Jul 2023 15:49

Tgt Ion: 117 Resp: 65994
Ion Ratio Lower Upper
117 100
201 59.0 38.5 115.5

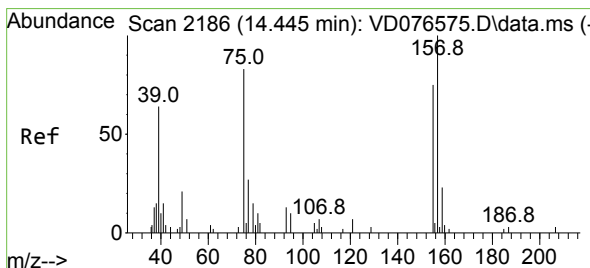
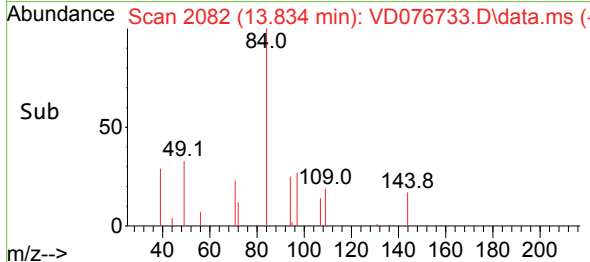
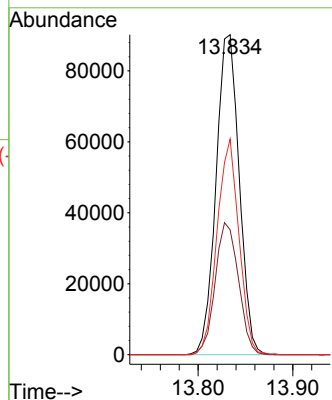
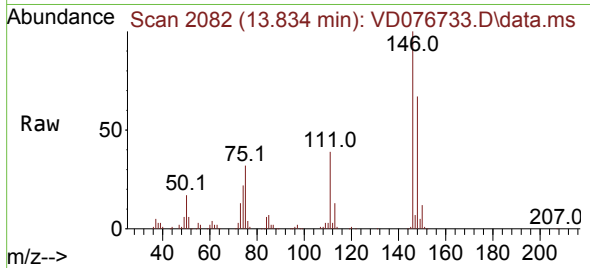




#91
1,2-Dichlorobenzene
Concen: 47.757 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD076733.D
Acq: 12 Jul 2023 15:49

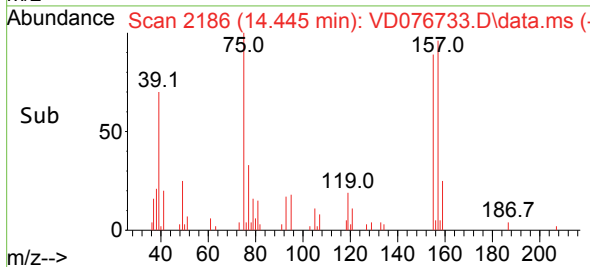
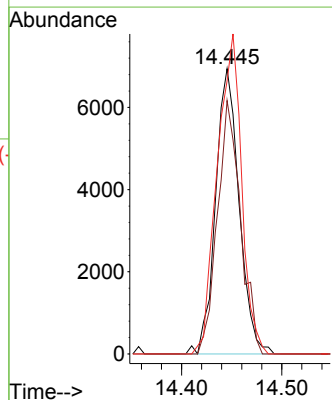
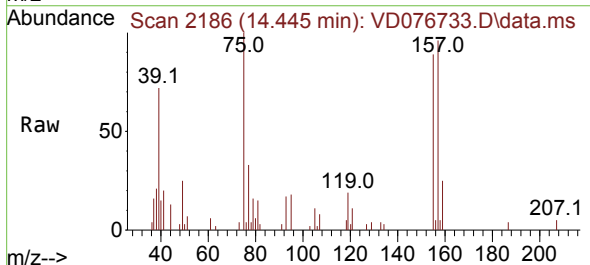
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

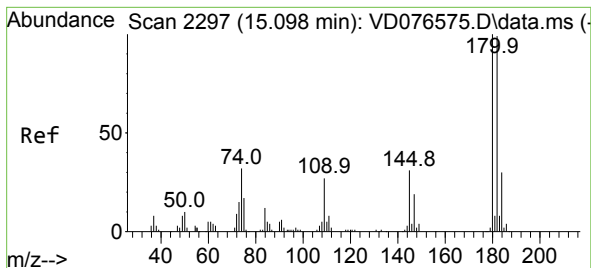
Tgt Ion:146 Resp: 153536
Ion Ratio Lower Upper
146 100
111 41.5 18.3 54.8
148 63.8 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.048 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VD076733.D
Acq: 12 Jul 2023 15:49

Tgt Ion: 75 Resp: 11330
Ion Ratio Lower Upper
75 100
155 86.8 47.9 143.8
157 116.2 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 42.986 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD076733.D

Acq: 12 Jul 2023 15:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

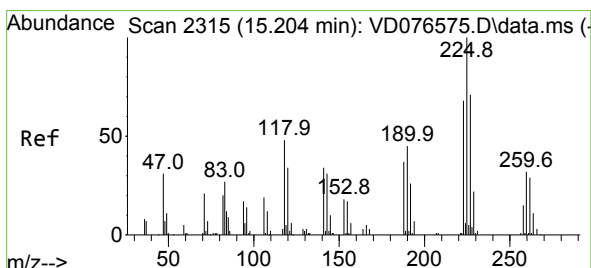
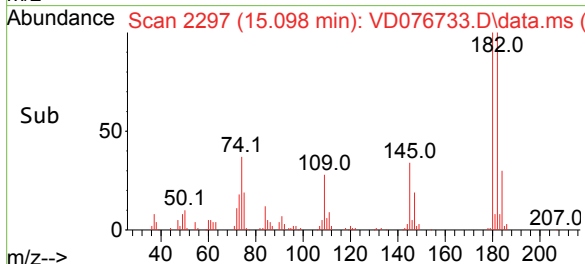
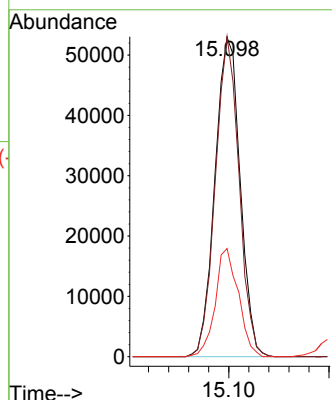
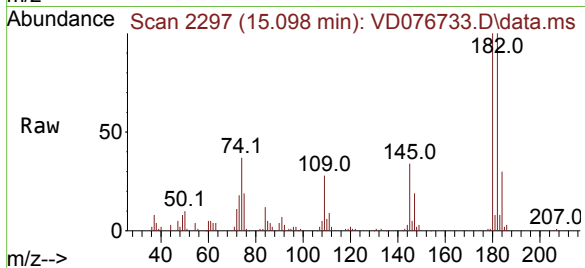
Tgt Ion:180 Resp: 92103

Ion Ratio Lower Upper

180 100

182 94.2 48.5 145.6

145 31.1 14.2 42.6



#94

Hexachlorobutadiene

Concen: 40.864 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD076733.D

Acq: 12 Jul 2023 15:49

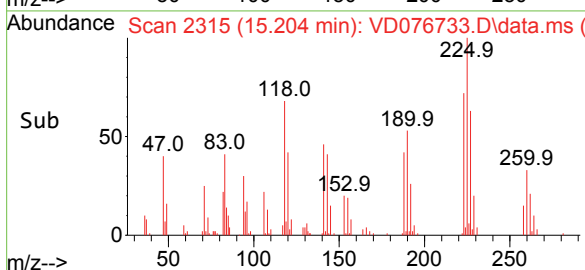
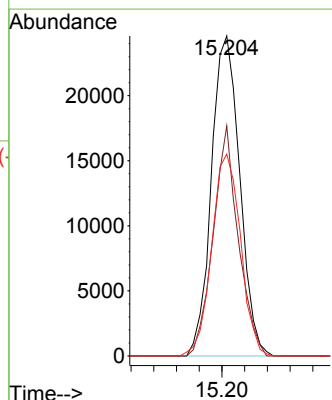
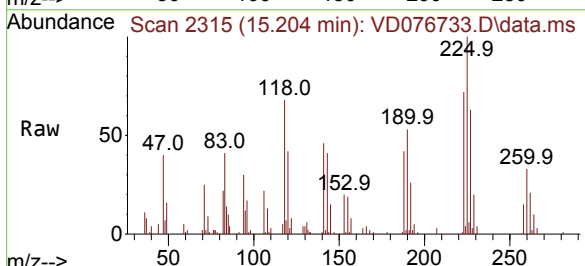
Tgt Ion:225 Resp: 42567

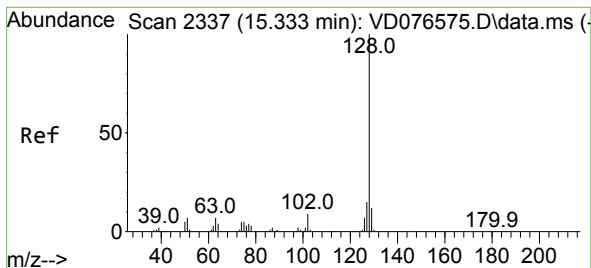
Ion Ratio Lower Upper

225 100

223 63.7 31.6 94.8

227 64.2 31.7 95.1





#95

Naphthalene

Concen: 47.012 ug/l

RT: 15.334 min Scan# 2337

Delta R.T. 0.000 min

Lab File: VD076733.D

Acq: 12 Jul 2023 15:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

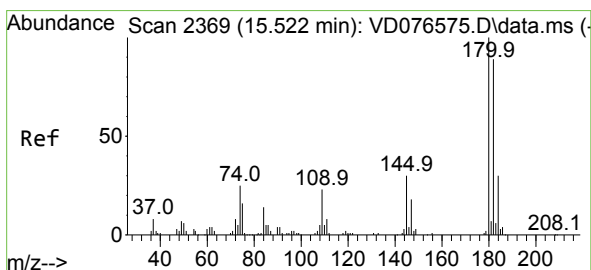
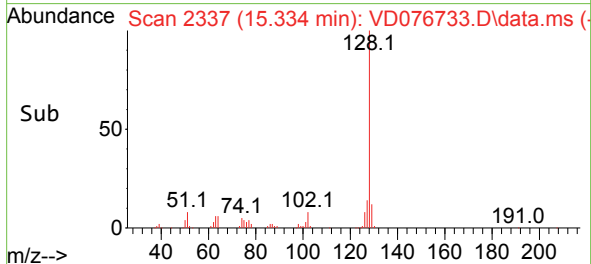
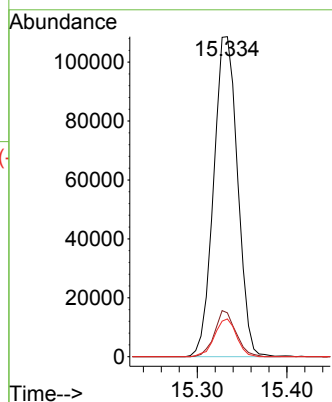
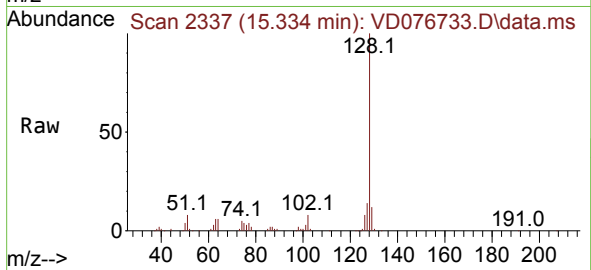
Tgt Ion:128 Resp: 201426

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: 42.674 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. 0.000 min

Lab File: VD076733.D

Acq: 12 Jul 2023 15:49

Tgt Ion:180 Resp: 79661

Ion Ratio Lower Upper

180 100

182 95.4 47.3 141.9

145 32.9 15.1 45.3

