

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060523\
 Data File : VD076321.D
 Acq On : 05 Jun 2023 11:40
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 06 02:21:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060523S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 06 02:19:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	169045	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	297957	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	284302	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	148518	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	88580	58.483	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 116.960%	
35) Dibromofluoromethane	7.805	113	103884	54.912	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.820%	
50) Toluene-d8	10.269	98	402433	53.427	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 106.860%	
62) 4-Bromofluorobenzene	12.575	95	116283	58.335	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 116.680%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	76822	46.928	ug/l	99
3) Chloromethane	2.146	50	153751	48.877	ug/l	98
4) Vinyl Chloride	2.281	62	192663	46.666	ug/l	95
5) Bromomethane	2.687	94	139823	52.199	ug/l	98
6) Chloroethane	2.834	64	140911	50.932	ug/l	97
7) Trichlorofluoromethane	3.169	101	143097	52.203	ug/l	99
8) Diethyl Ether	3.593	74	55947	62.567	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.964	101	94537	53.917	ug/l	99
10) Methyl Iodide	4.158	142	130844	53.623	ug/l	99
11) Tert butyl alcohol	5.052	59	29187	344.797	ug/l	100
12) 1,1-Dichloroethene	3.934	96	96709	51.957	ug/l	97
13) Acrolein	3.799	56	39944	216.892	ug/l	99
14) Allyl chloride	4.558	41	104924	57.370	ug/l	98
15) Acrylonitrile	5.252	53	121227	339.508	ug/l	99
16) Acetone	4.022	43	104186	375.547	ug/l	93
17) Carbon Disulfide	4.263	76	278188	44.808	ug/l	99
18) Methyl Acetate	4.558	43	77773	66.107	ug/l	99
19) Methyl tert-butyl Ether	5.316	73	227316	66.287	ug/l	100
20) Methylene Chloride	4.799	84	132965	59.359	ug/l	90
21) trans-1,2-Dichloroethene	5.311	96	118318	54.856	ug/l	98
22) Diisopropyl ether	6.216	45	265738	65.334	ug/l	97
23) Vinyl Acetate	6.152	43	622650	402.521	ug/l	100
24) 1,1-Dichloroethane	6.110	63	189163	56.945	ug/l	98
25) 2-Butanone	7.081	43	130780	340.441	ug/l	97
26) 2,2-Dichloropropane	7.075	77	152978	55.614	ug/l	99
27) cis-1,2-Dichloroethene	7.075	96	138610	59.489	ug/l	100
28) Bromochloromethane	7.422	49	76397	99.043	ug/l	99
29) Tetrahydrofuran	7.440	42	77097	340.178	ug/l	98
30) Chloroform	7.593	83	206431	59.212	ug/l	97
31) Cyclohexane	7.875	56	123182	48.441	ug/l	95
32) 1,1,1-Trichloroethane	7.787	97	153966	55.458	ug/l	99
36) 1,1-Dichloropropene	8.004	75	136481	50.212	ug/l	98
37) Ethyl Acetate	7.169	43	54384	60.646	ug/l	97
38) Carbon Tetrachloride	7.987	117	122153	51.266	ug/l	95
39) Methylcyclohexane	9.269	83	154031	49.597	ug/l	99
40) Benzene	8.252	78	465007	54.082	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	26486	57.972	ug/l #	82
42) 1,2-Dichloroethane	8.322	62	114894	57.858	ug/l	100
43) Isopropyl Acetate	8.357	43	98566	61.330	ug/l	99
44) Trichloroethene	9.028	130	126014	52.415	ug/l	95
45) 1,2-Dichloropropane	9.304	63	115636	57.304	ug/l	96
46) Dibromomethane	9.393	93	67891	59.434	ug/l	99
47) Bromodichloromethane	9.581	83	160231	59.836	ug/l	98
48) Methyl methacrylate	9.375	41	45867	62.998	ug/l	97
49) 1,4-Dioxane	9.381	88	16137	1288.937	ug/l	98
51) 4-Methyl-2-Pentanone	10.157	43	281748	332.592	ug/l	99
52) Toluene	10.334	92	293466	55.502	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	149011	59.960	ug/l	96
54) cis-1,3-Dichloropropene	10.016	75	181195	59.001	ug/l	99
55) 1,1,2-Trichloroethane	10.734	97	95623	59.122	ug/l	96
56) Ethyl methacrylate	10.598	69	104360	63.264	ug/l	98
57) 1,3-Dichloropropane	10.881	76	154683	60.215	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	260588	376.245	ug/l	99
59) 2-Hexanone	10.922	43	207154	356.411	ug/l	99
60) Dibromochloromethane	11.075	129	110363	60.194	ug/l	96
61) 1,2-Dibromoethane	11.181	107	89652	60.918	ug/l	98
64) Tetrachloroethene	10.810	164	101425	49.806	ug/l	96
65) Chlorobenzene	11.604	112	328547	53.936	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	116266	56.848	ug/l	97
67) Ethyl Benzene	11.687	91	525839	53.566	ug/l	100
68) m/p-Xylenes	11.793	106	441030	108.681	ug/l	97
69) o-Xylene	12.122	106	204485	55.889	ug/l	99
70) Styrene	12.134	104	369747	58.928	ug/l	99
71) Bromoform	12.298	173	67651	61.312	ug/l #	100
73) Isopropylbenzene	12.422	105	486692	51.188	ug/l	100
74) N-amyl acetate	12.234	43	93553	57.380	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.675	83	110244	57.923	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	129486	89.925	ug/l #	100
77) Bromobenzene	12.698	156	140773	56.312	ug/l	99
78) n-propylbenzene	12.763	91	607519	51.682	ug/l	100
79) 2-Chlorotoluene	12.851	91	341300	53.229	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	414702	52.894	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.469	75	33708	58.234	ug/l	96
82) 4-Chlorotoluene	12.945	91	362482	53.095	ug/l	100
83) tert-Butylbenzene	13.169	119	339171	51.589	ug/l	98
84) 1,2,4-Trimethylbenzene	13.216	105	427495	54.595	ug/l	100
85) sec-Butylbenzene	13.345	105	515362	50.963	ug/l	100
86) p-Isopropyltoluene	13.463	119	439671	52.454	ug/l	99
87) 1,3-Dichlorobenzene	13.463	146	276083	54.784	ug/l	99
88) 1,4-Dichlorobenzene	13.539	146	273395	53.580	ug/l	98
89) n-Butylbenzene	13.792	91	403834	51.835	ug/l	99
90) Hexachloroethane	14.057	117	85145	50.593	ug/l	100
91) 1,2-Dichlorobenzene	13.834	146	245607	56.135	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.445	75	14953	59.471	ug/l	98
93) 1,2,4-Trichlorobenzene	15.098	180	143446	56.408	ug/l	97
94) Hexachlorobutadiene	15.204	225	60901	48.981	ug/l	98
95) Naphthalene	15.334	128	292374	54.768	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	129397	57.538	ug/l	99

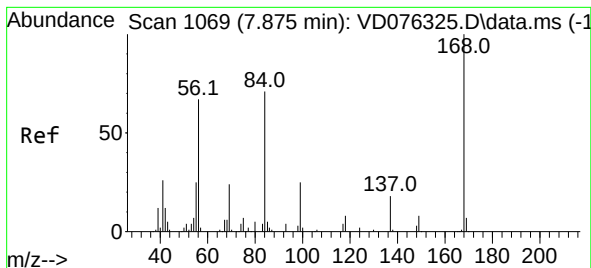
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Quant Title : SW846 8260
QLast Update : Tue Jun 06 02:19:25 2023
Response via : Initial Calibration

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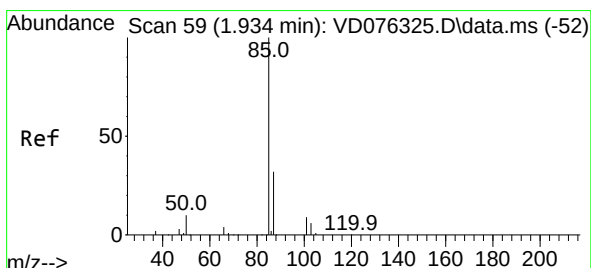
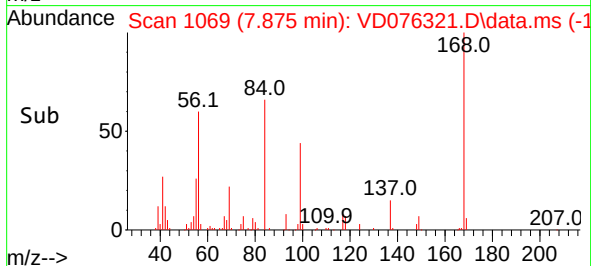
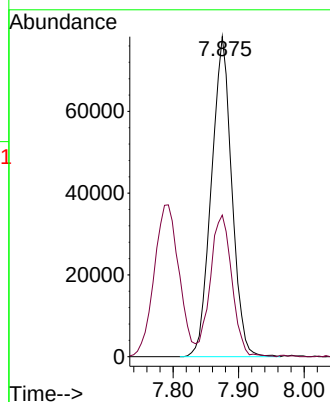
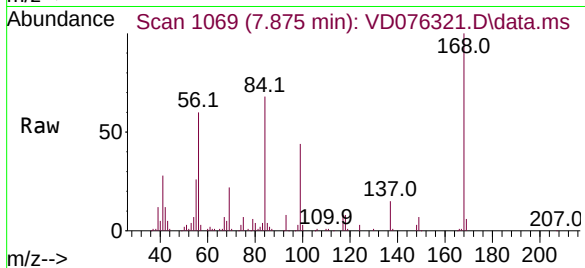
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076321.D
Acq: 05 Jun 2023 11:40

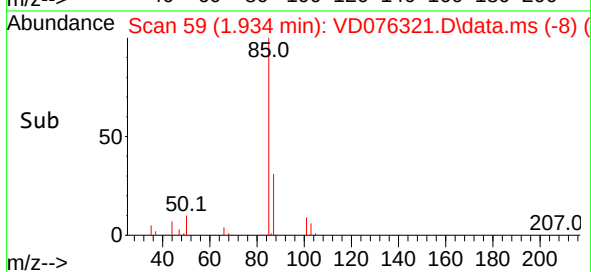
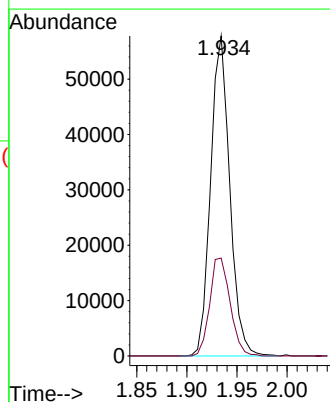
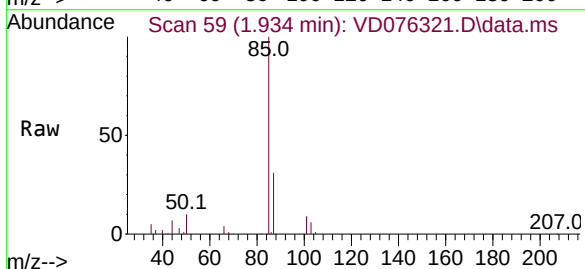
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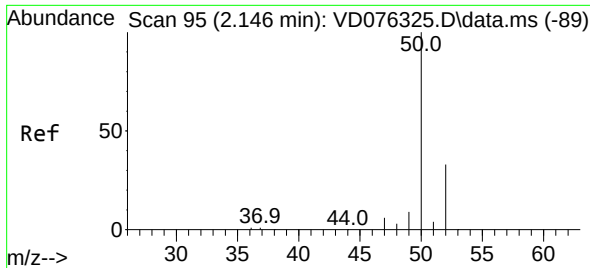
Tgt Ion:168 Resp: 169045
Ion Ratio Lower Upper
168 100
99 43.8 36.7 55.1



#2
Dichlorodifluoromethane
Concen: 46.928 ug/l
RT: 1.934 min Scan# 59
Delta R.T. -0.000 min
Lab File: VD076321.D
Acq: 05 Jun 2023 11:40

Tgt Ion: 85 Resp: 76822
Ion Ratio Lower Upper
85 100
87 30.6 15.7 47.0

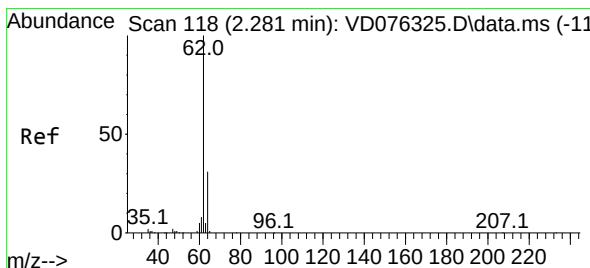
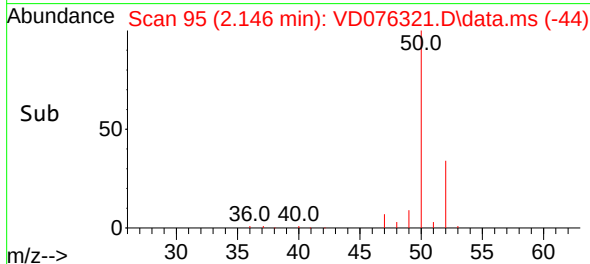
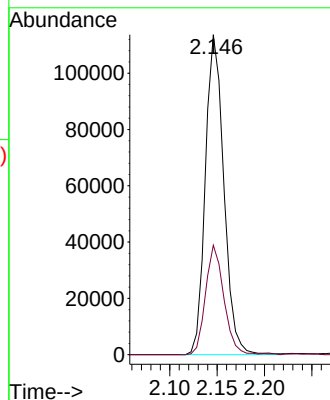
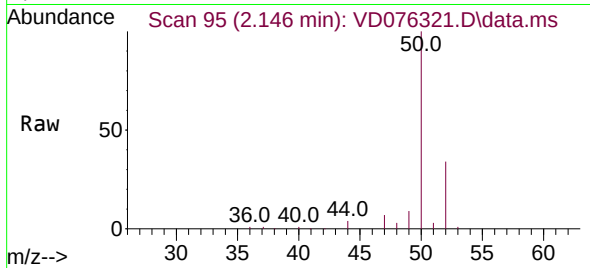




#3
Chloromethane
Concen: 48.877 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076321.D
Acq: 05 Jun 2023 11:40

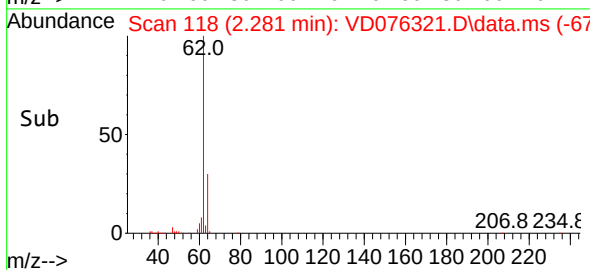
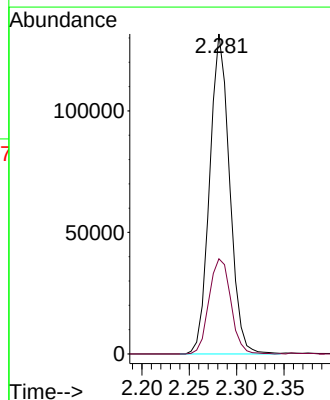
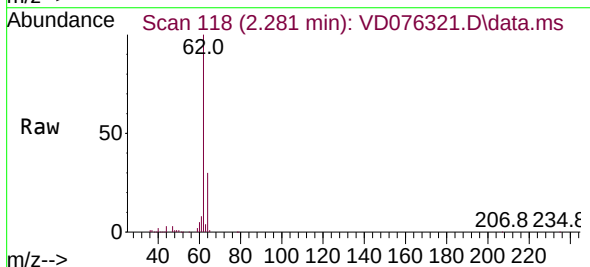
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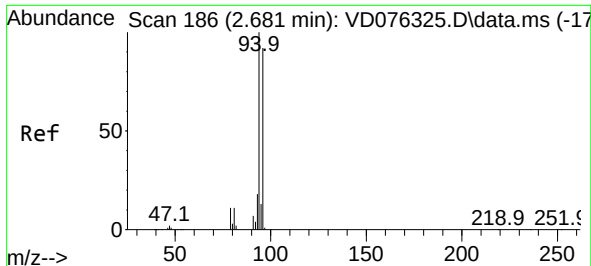
Tgt Ion: 50 Resp: 153751
Ion Ratio Lower Upper
50 100
52 34.2 26.6 40.0



#4
Vinyl Chloride
Concen: 46.666 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.000 min
Lab File: VD076321.D
Acq: 05 Jun 2023 11:40

Tgt Ion: 62 Resp: 192663
Ion Ratio Lower Upper
62 100
64 29.8 26.0 39.0

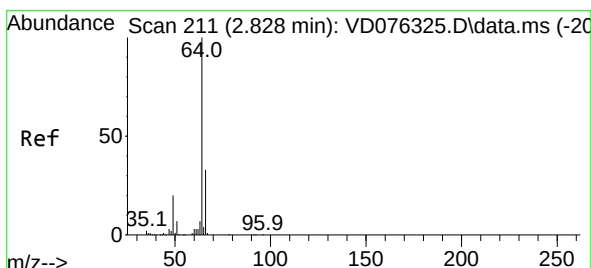
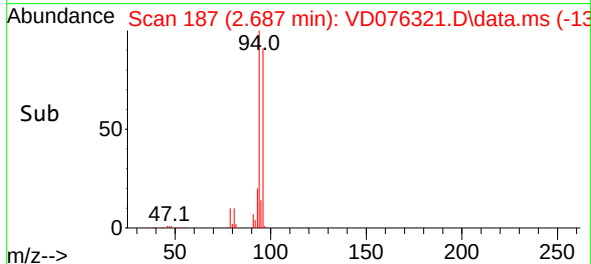
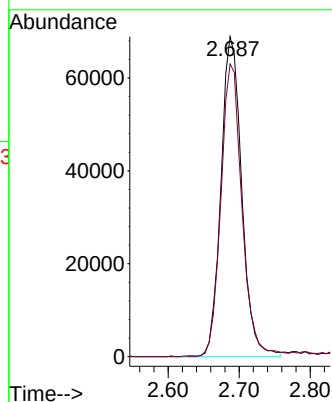
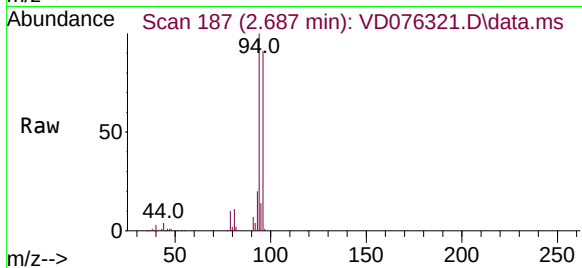




#5
Bromomethane
Concen: 52.199 ug/l
RT: 2.687 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD076321.D
Acq: 05 Jun 2023 11:40

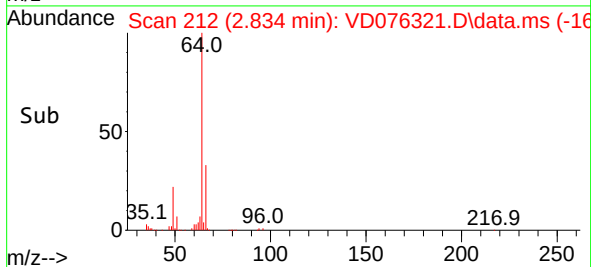
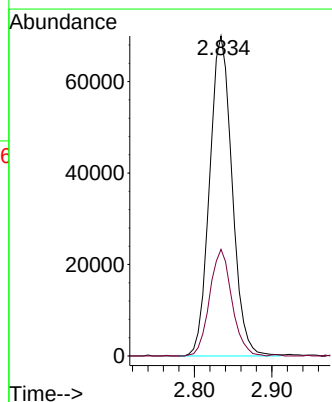
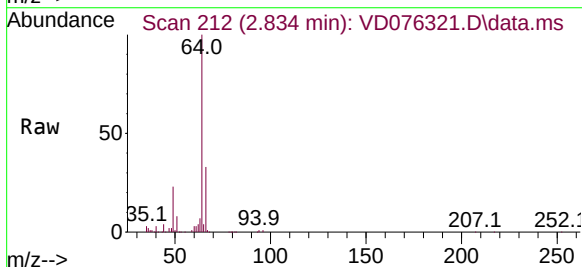
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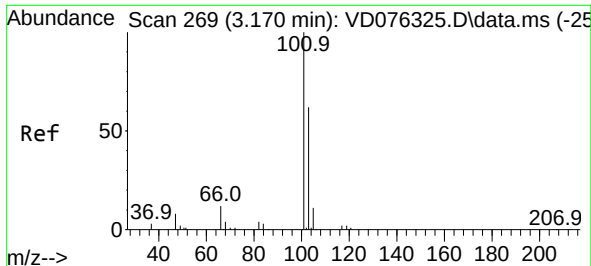
Tgt Ion: 94 Resp: 139823
Ion Ratio Lower Upper
94 100
96 92.8 75.8 113.8



#6
Chloroethane
Concen: 50.932 ug/l
RT: 2.834 min Scan# 212
Delta R.T. 0.006 min
Lab File: VD076321.D
Acq: 05 Jun 2023 11:40

Tgt Ion: 64 Resp: 140911
Ion Ratio Lower Upper
64 100
66 33.3 25.5 38.3

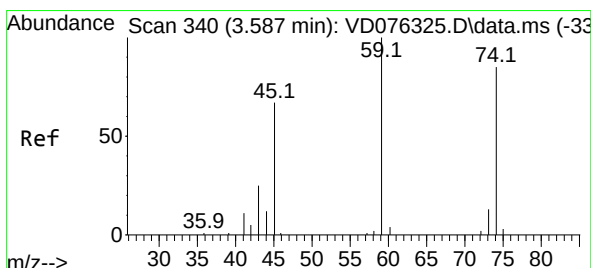
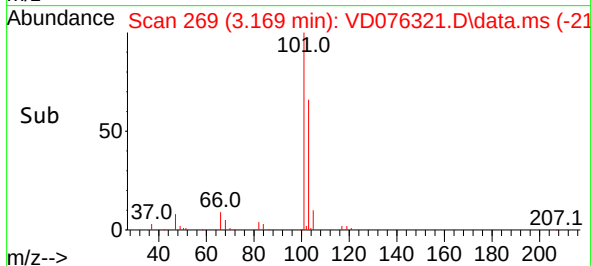
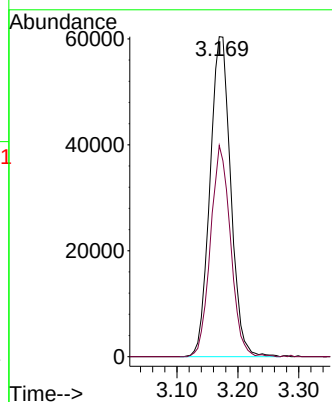
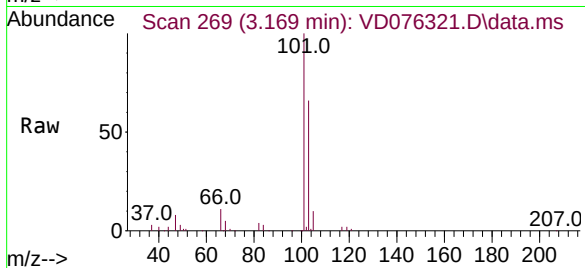




#7
 Trichlorofluoromethane
 Concen: 52.203 ug/l
 RT: 3.169 min Scan# 210
 Delta R.T. -0.000 min
 Lab File: VD076321.D
 Acq: 05 Jun 2023 11:40

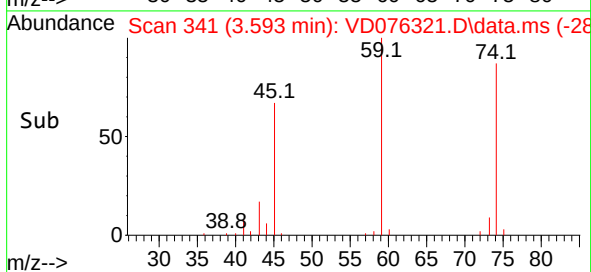
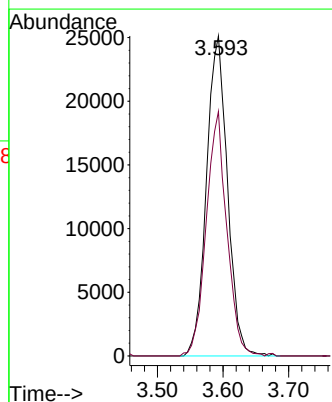
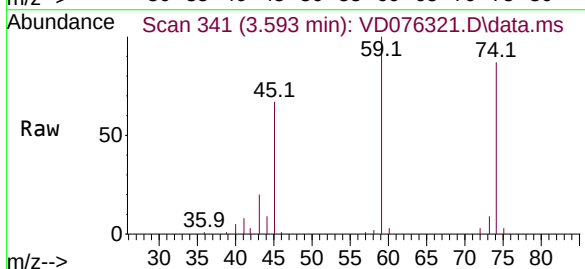
Instrument :
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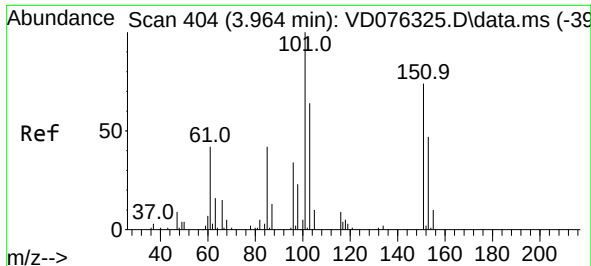
Tgt Ion:101 Resp: 143097
 Ion Ratio Lower Upper
 101 100
 103 66.0 52.3 78.5



#8
 Diethyl Ether
 Concen: 62.567 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VD076321.D
 Acq: 05 Jun 2023 11:40

Tgt Ion: 74 Resp: 55947
 Ion Ratio Lower Upper
 74 100
 45 74.7 37.5 112.7

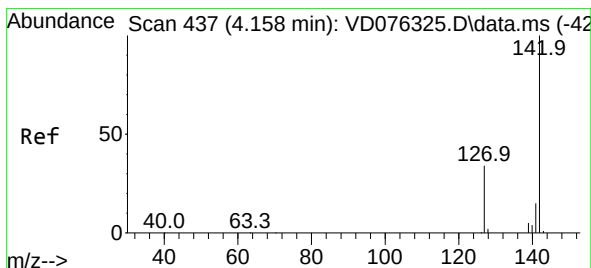
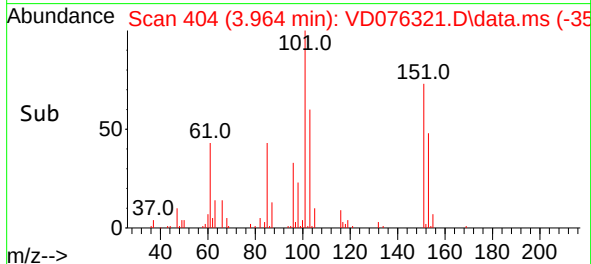
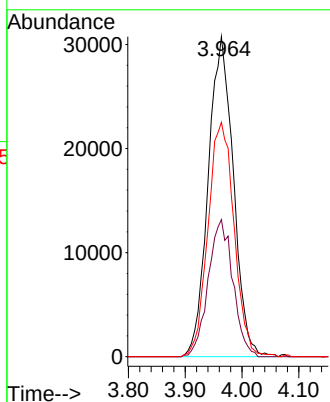
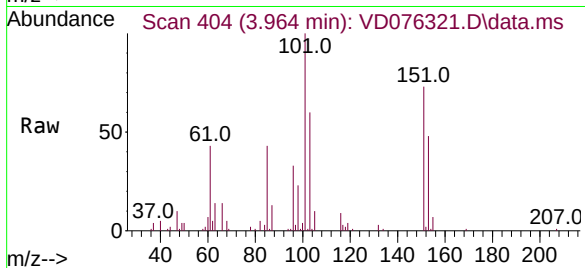




#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.917 ug/l
RT: 3.964 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD076321.D
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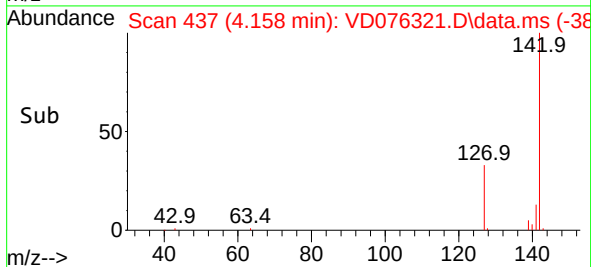
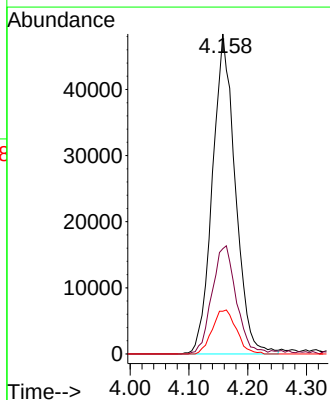
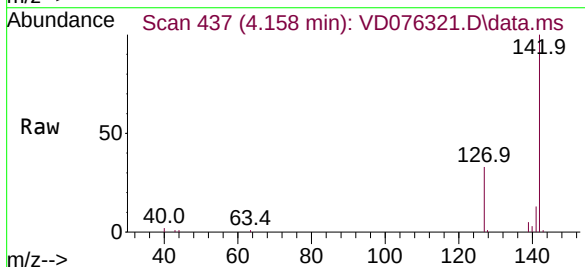
Instrument :
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ClientSampleId :
VSTDCCC050

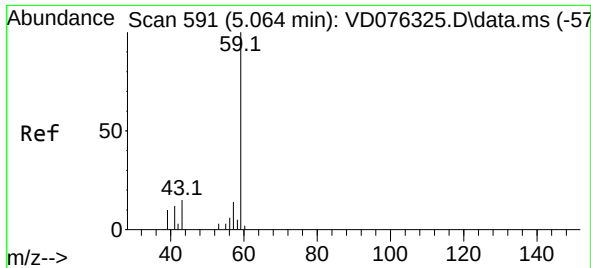
Tgt Ion:101 Resp: 94537
Ion Ratio Lower Upper
101 100
85 42.0 33.8 50.6
151 76.0 59.8 89.6



#10
Methyl Iodide
Concen: 53.623 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.000 min
Lab File: VD076321.D
Acq: 05 Jun 2023 11:40

Tgt Ion:142 Resp: 130844
Ion Ratio Lower Upper
142 100
127 35.9 29.4 44.0
141 14.5 11.1 16.7

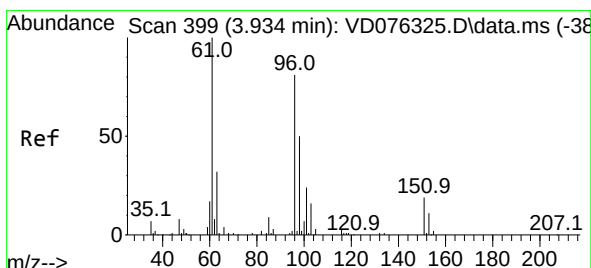
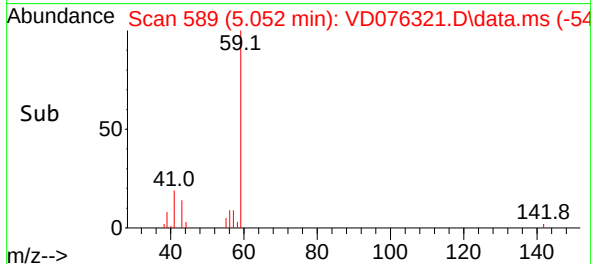
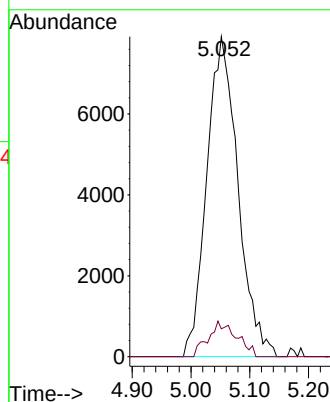
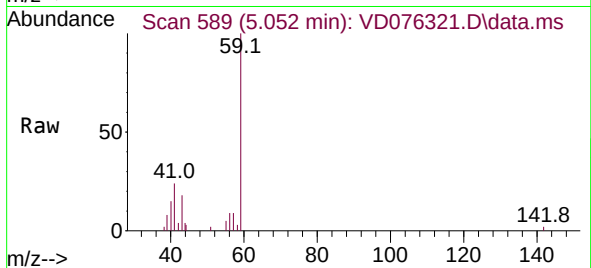




#11
Tert butyl alcohol
Concen: 344.797 ug/l
RT: 5.052 min Scan# 591
Delta R.T. -0.012 min
Lab File: VD076321.D
Acq: 05 Jun 2023 11:40

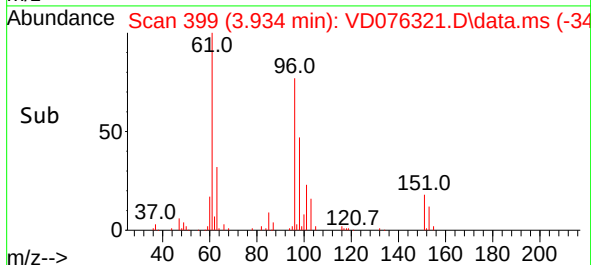
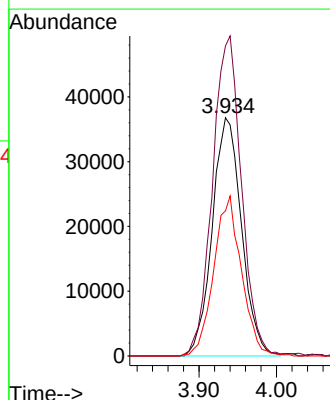
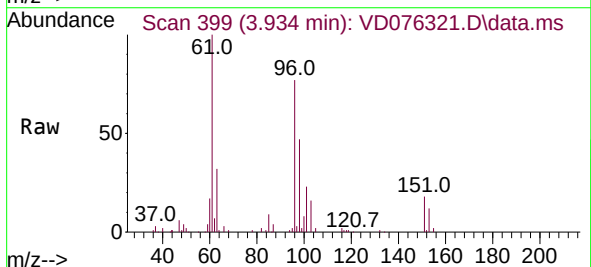
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

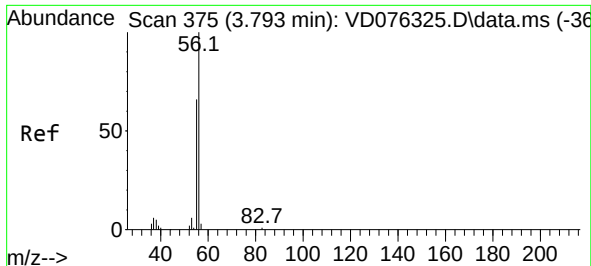
Tgt Ion: 59 Resp: 29187
Ion Ratio Lower Upper
59 100
57 10.0 7.8 11.8



#12
1,1-Dichloroethene
Concen: 51.957 ug/l
RT: 3.934 min Scan# 399
Delta R.T. -0.000 min
Lab File: VD076321.D
Acq: 05 Jun 2023 11:40

Tgt Ion: 96 Resp: 96709
Ion Ratio Lower Upper
96 100
61 130.2 100.6 150.8
98 60.9 50.2 75.2





#13

Acrolein

Concen: 216.892 ug/l

RT: 3.799 min Scan# 31

Delta R.T. 0.006 min

Lab File: VD076321.D

Acq: 05 Jun 2023 11:40

Instrument :

MSVOA_D

ClientSampleId :

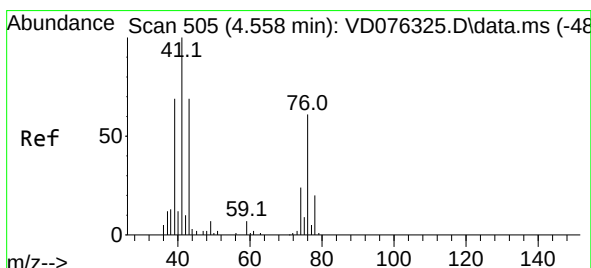
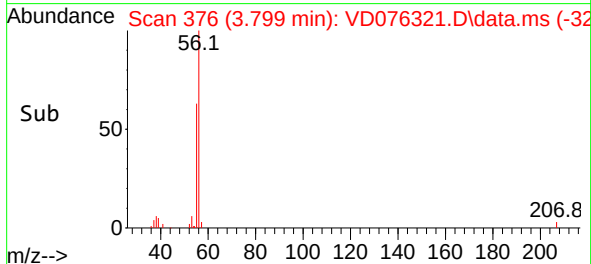
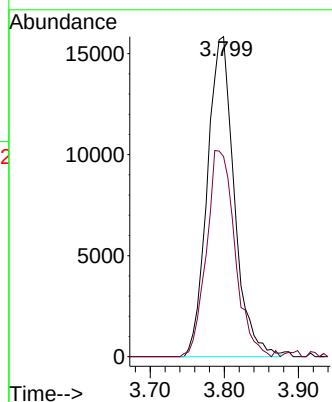
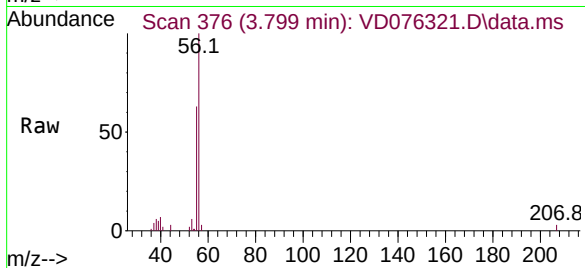
VSTDCCC050

Tgt Ion: 56 Resp: 39944

Ion Ratio Lower Upper

56 100

55 68.0 55.1 82.7



#14

Allyl chloride

Concen: 57.370 ug/l

RT: 4.558 min Scan# 505

Delta R.T. -0.000 min

Lab File: VD076321.D

Acq: 05 Jun 2023 11:40

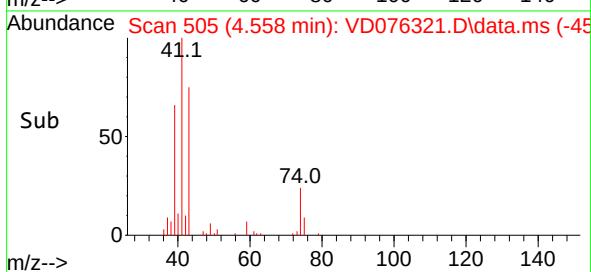
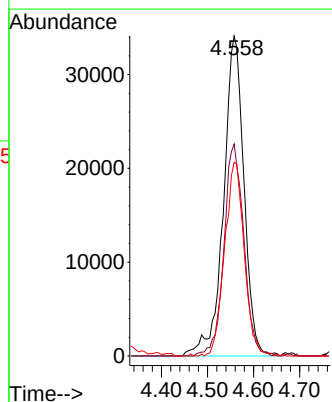
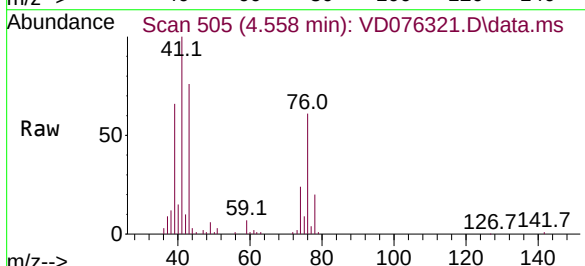
Tgt Ion: 41 Resp: 104924

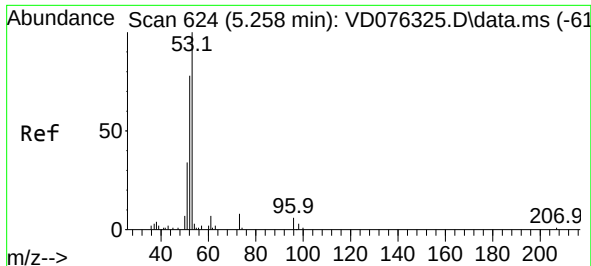
Ion Ratio Lower Upper

41 100

39 64.2 53.8 80.6

76 58.0 45.8 68.8

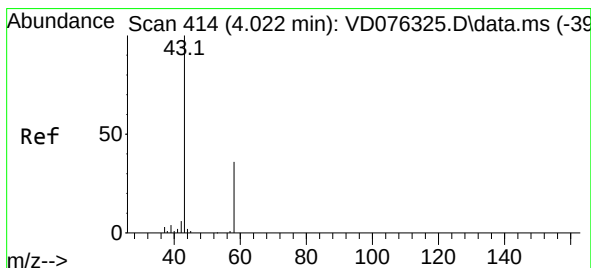
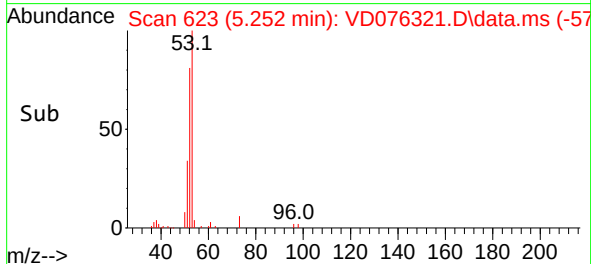
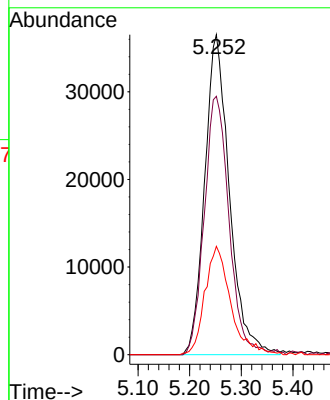
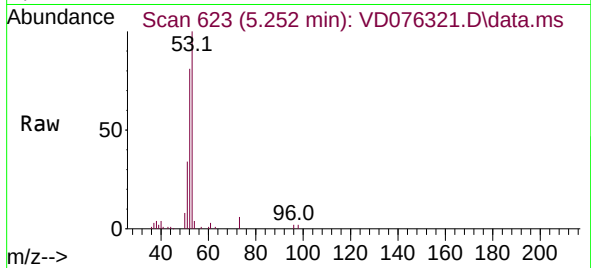




#15
Acrylonitrile
Concen: 339.508 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD076321.D
Acq: 05 Jun 2023 11:40

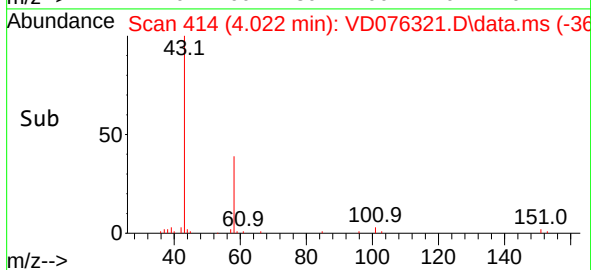
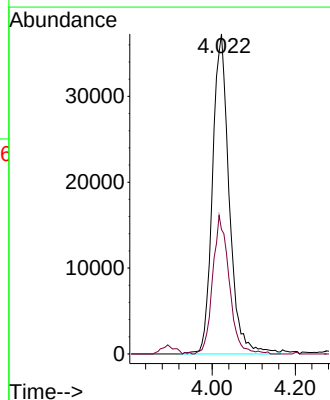
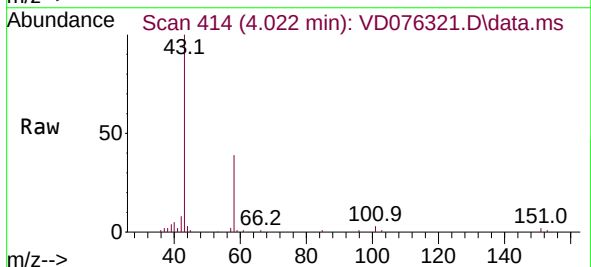
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

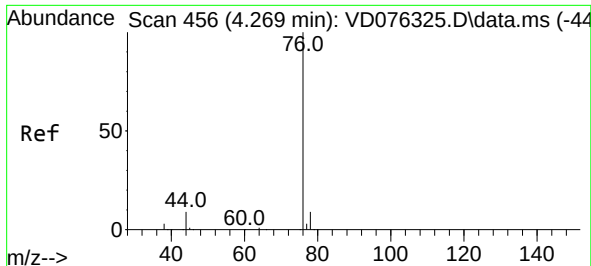
Tgt Ion: 53 Resp: 121227
Ion Ratio Lower Upper
53 100
52 80.7 65.0 97.4
51 35.2 28.3 42.5



#16
Acetone
Concen: 375.547 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.000 min
Lab File: VD076321.D
Acq: 05 Jun 2023 11:40

Tgt Ion: 43 Resp: 104186
Ion Ratio Lower Upper
43 100
58 38.9 34.7 52.1

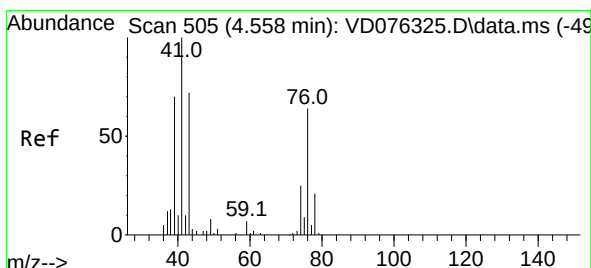
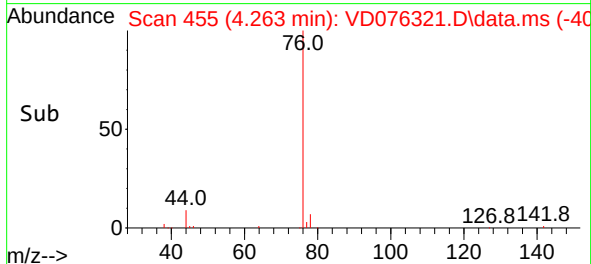
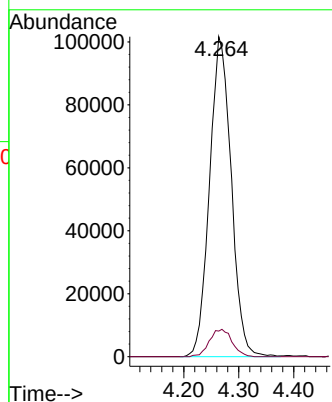
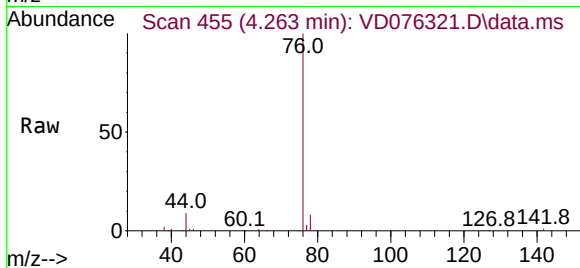




#17
Carbon Disulfide
Concen: 44.808 ug/l
RT: 4.263 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD076321.D
Acq: 05 Jun 2023 11:40

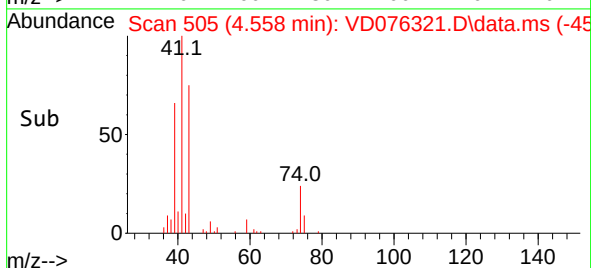
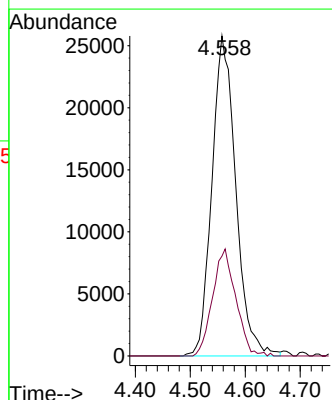
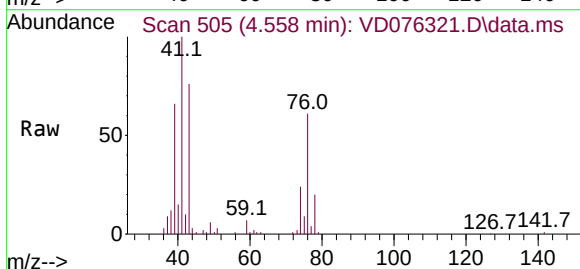
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

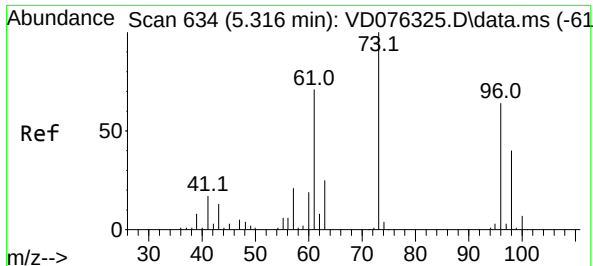
Tgt Ion: 76 Resp: 278188
Ion Ratio Lower Upper
76 100
78 8.0 6.8 10.2



#18
Methyl Acetate
Concen: 66.107 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.000 min
Lab File: VD076321.D
Acq: 05 Jun 2023 11:40

Tgt Ion: 43 Resp: 77773
Ion Ratio Lower Upper
43 100
74 32.6 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 66.287 ug/l

RT: 5.316 min Scan# 61

Delta R.T. -0.000 min

Lab File: VD076321.D

Acq: 05 Jun 2023 11:40

Instrument :

MSVOA_D

ClientSampleId :

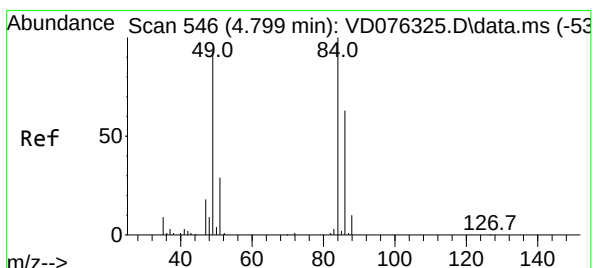
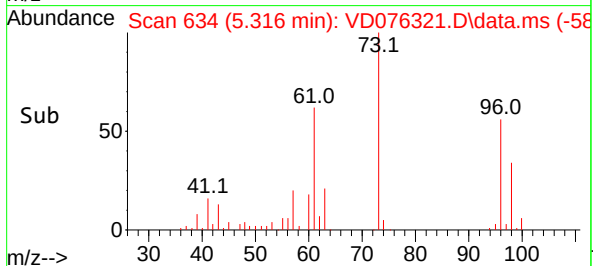
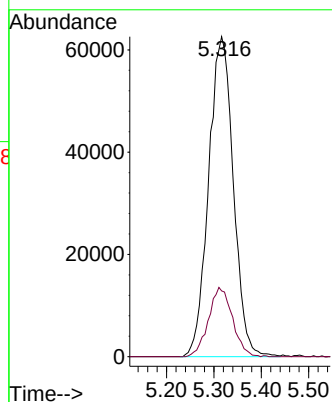
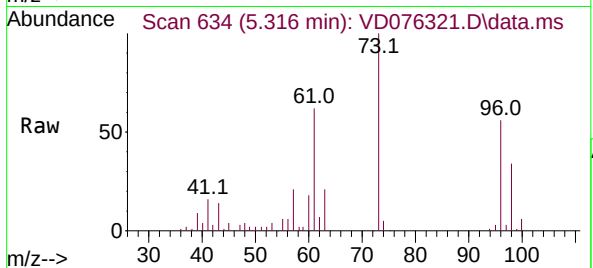
VSTDCCC050

Tgt Ion: 73 Resp: 227316

Ion Ratio Lower Upper

73 100

57 20.6 16.6 25.0



#20

Methylene Chloride

Concen: 59.359 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.000 min

Lab File: VD076321.D

Acq: 05 Jun 2023 11:40

Tgt Ion: 84 Resp: 132965

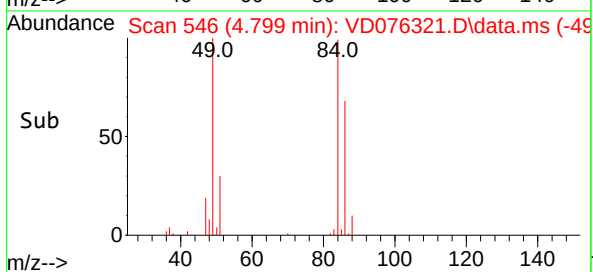
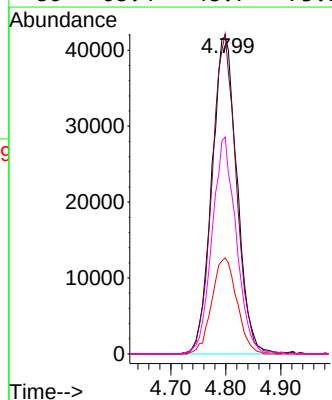
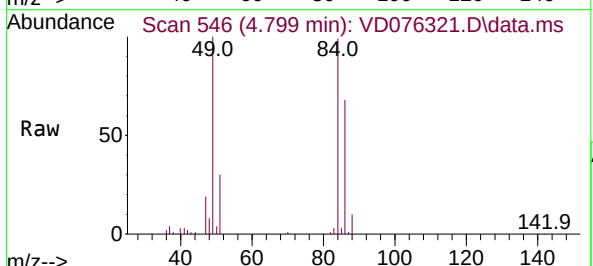
Ion Ratio Lower Upper

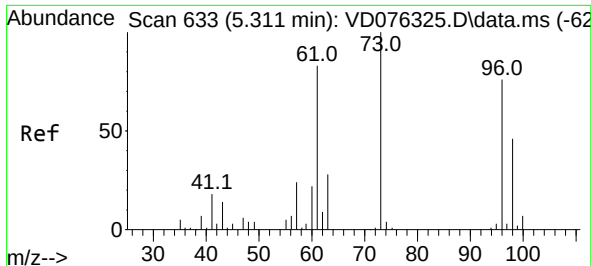
84 100

49 100.9 71.4 107.2

51 30.3 24.5 36.7

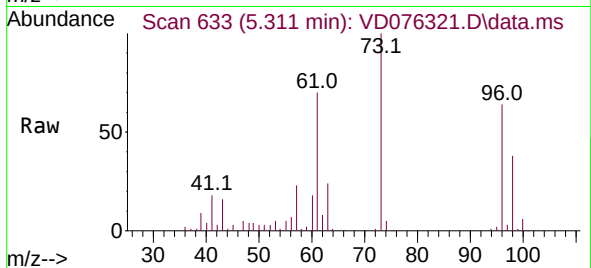
86 68.4 48.7 73.1





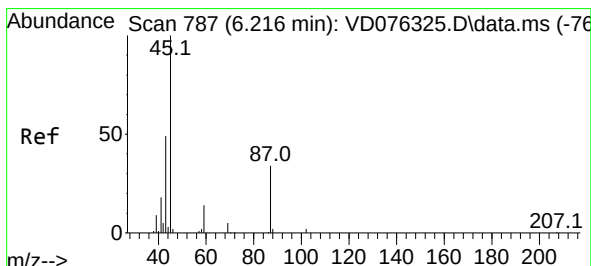
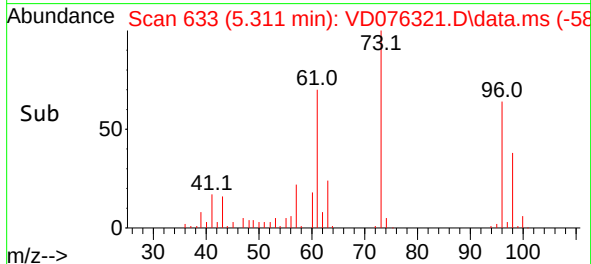
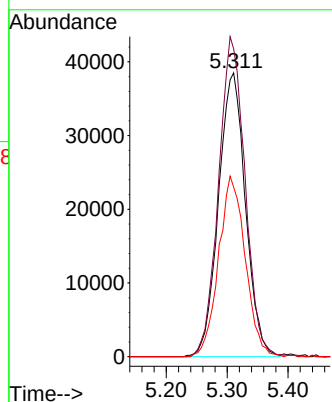
#21
trans-1,2-Dichloroethene
Concen: 54.856 ug/l
RT: 5.311 min Scan# 611
Delta R.T. -0.000 min
Lab File: VD076321.D
Acq: 05 Jun 2023 11:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 118318

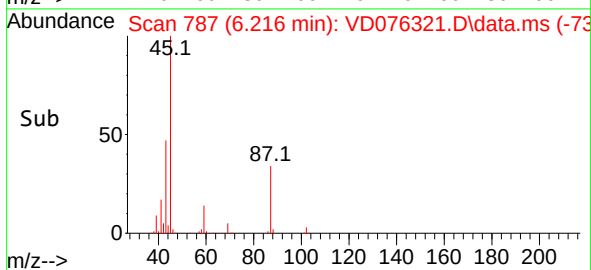
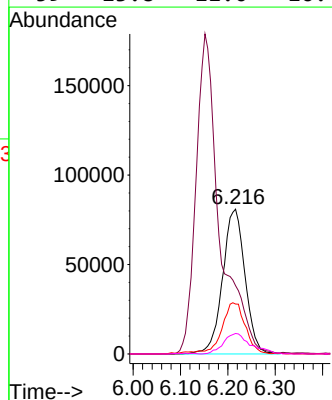
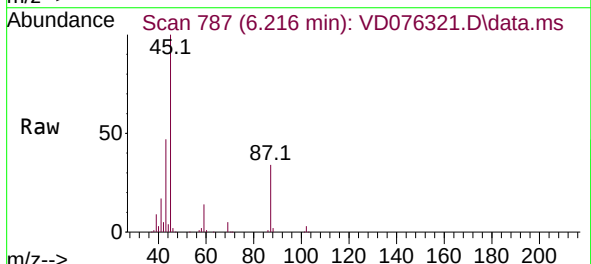
Ion	Ratio	Lower	Upper
96	100		
61	108.4	89.3	133.9
98	59.7	48.6	73.0

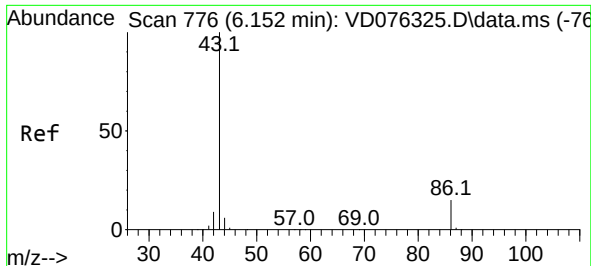


#22
Diisopropyl ether
Concen: 65.334 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.000 min
Lab File: VD076321.D
Acq: 05 Jun 2023 11:40

Tgt Ion: 45 Resp: 265738

Ion	Ratio	Lower	Upper
45	100		
43	46.5	40.0	60.0
87	34.1	28.2	42.4
59	13.8	11.0	16.4

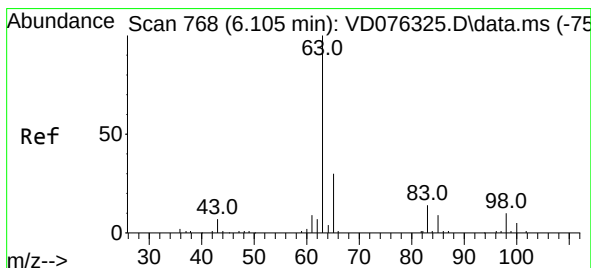
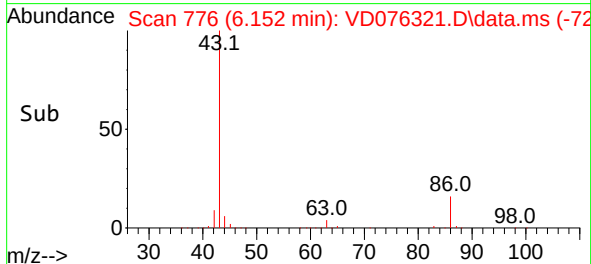
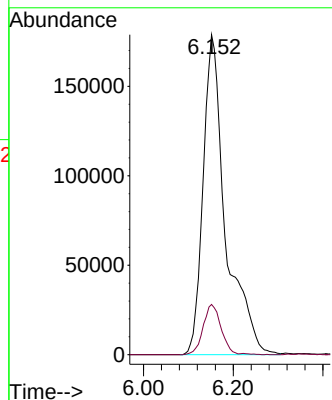
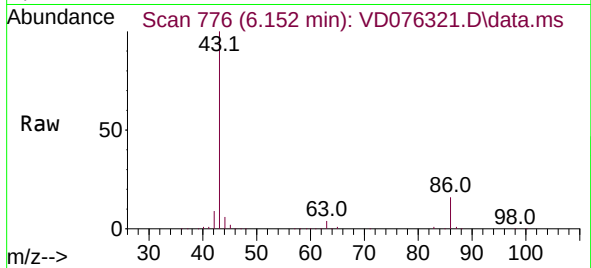




#23
 Vinyl Acetate
 Concen: 402.521 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. -0.000 min
 Lab File: VD076321.D
 Acq: 05 Jun 2023 11:40

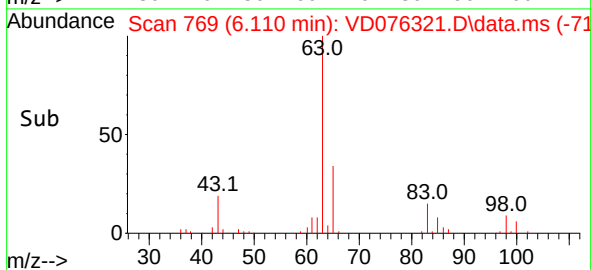
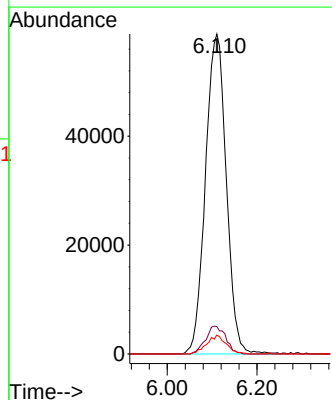
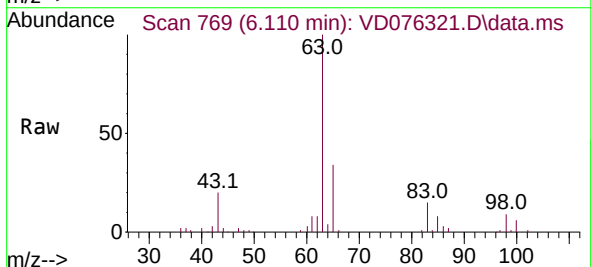
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

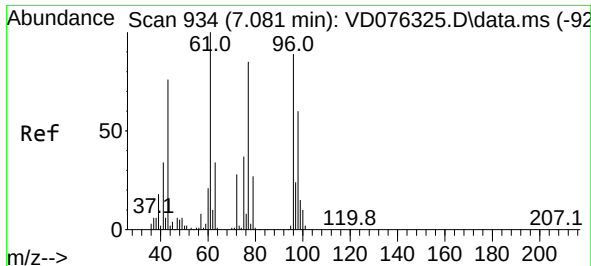
Tgt Ion: 43 Resp: 622650
 Ion Ratio Lower Upper
 43 100
 86 15.7 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 56.945 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. 0.006 min
 Lab File: VD076321.D
 Acq: 05 Jun 2023 11:40

Tgt Ion: 63 Resp: 189163
 Ion Ratio Lower Upper
 63 100
 98 8.6 4.5 13.7
 100 5.9 2.5 7.5

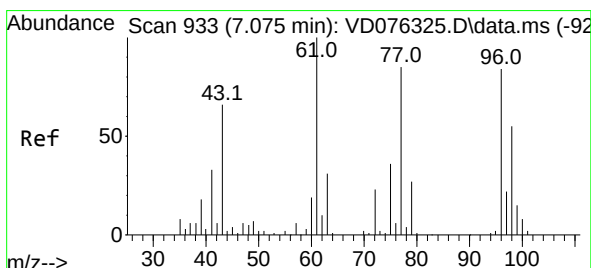
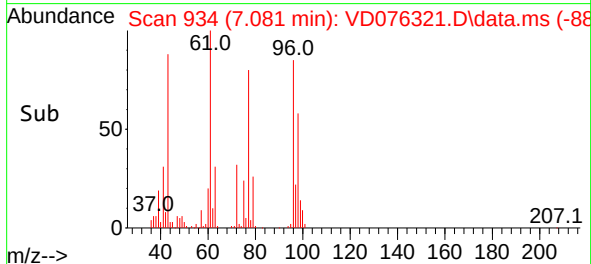
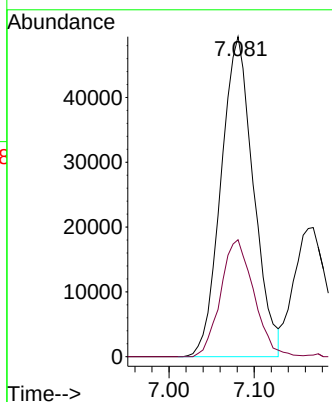
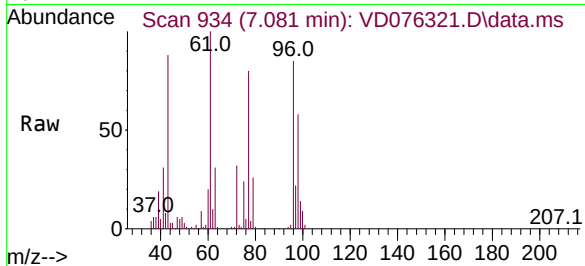




#25
2-Butanone
Concen: 340.441 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076321.D
Acq: 05 Jun 2023 11:40

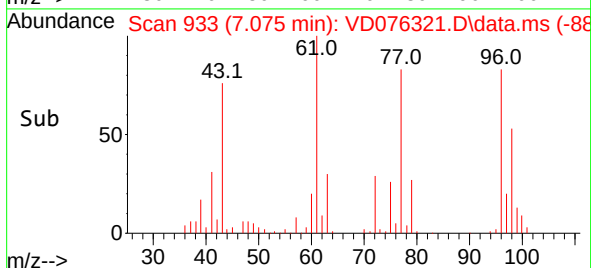
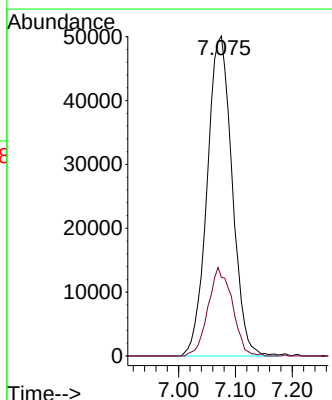
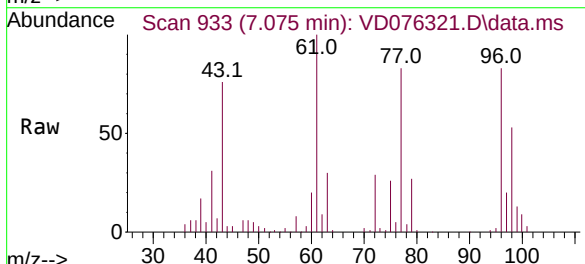
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

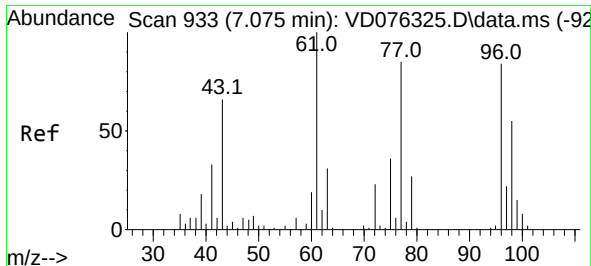
Tgt Ion: 43 Resp: 130780
Ion Ratio Lower Upper
43 100
72 36.6 30.7 46.1



#26
2,2-Dichloropropane
Concen: 55.614 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.000 min
Lab File: VD076321.D
Acq: 05 Jun 2023 11:40

Tgt Ion: 77 Resp: 152978
Ion Ratio Lower Upper
77 100
97 26.8 13.2 39.6





#27

cis-1,2-Dichloroethene

Concen: 59.489 ug/l

RT: 7.075 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD076321.D

Acq: 05 Jun 2023 11:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

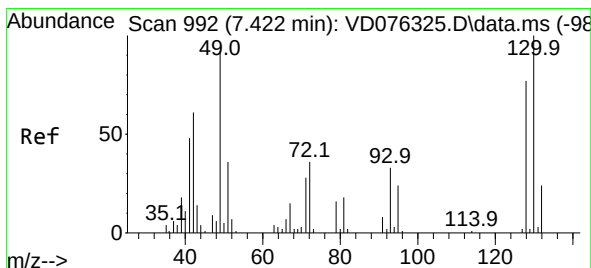
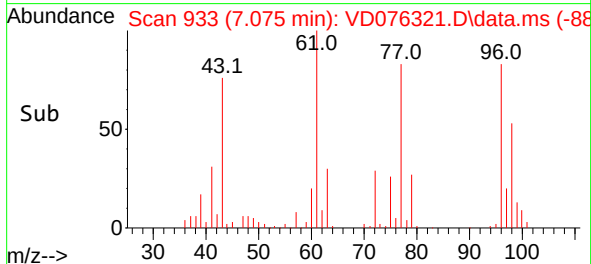
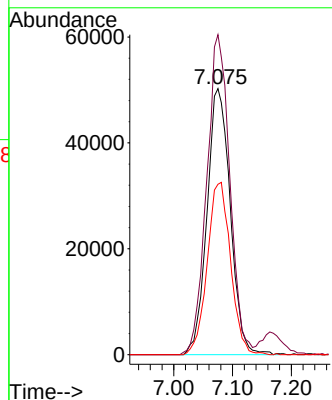
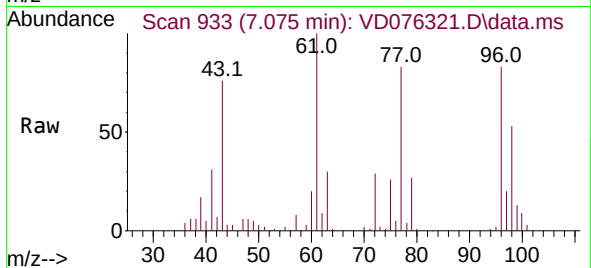
Tgt Ion: 96 Resp: 138610

Ion Ratio Lower Upper

96 100

61 119.2 0.0 239.2

98 64.7 0.0 128.6



#28

Bromochloromethane

Concen: 99.043 ug/l

RT: 7.422 min Scan# 992

Delta R.T. 0.000 min

Lab File: VD076321.D

Acq: 05 Jun 2023 11:40

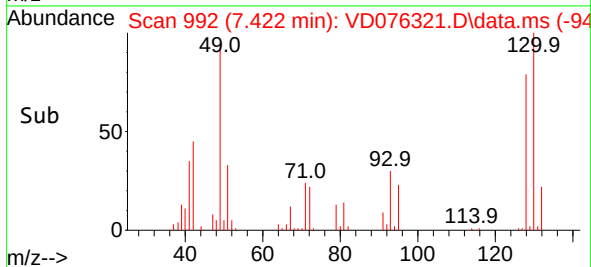
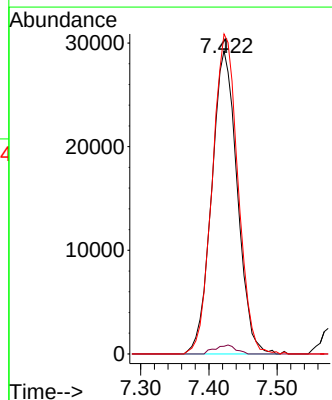
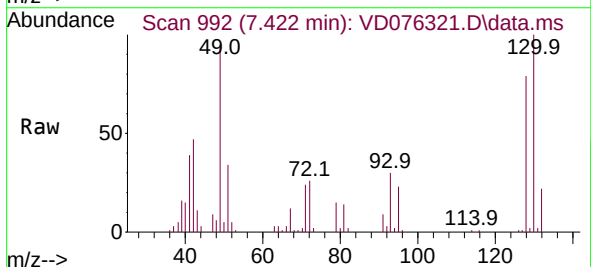
Tgt Ion: 49 Resp: 76397

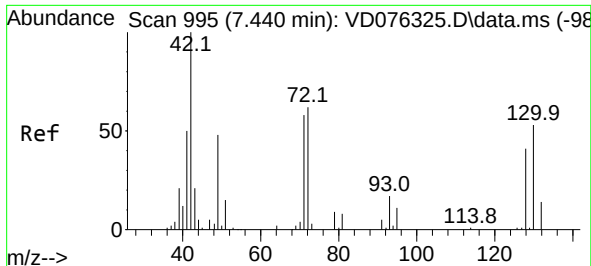
Ion Ratio Lower Upper

49 100

129 2.4 0.0 6.0

130 105.5 83.2 124.8





#29

Tetrahydrofuran

Concen: 340.178 ug/l

RT: 7.440 min Scan# 995

Delta R.T. -0.000 min

Lab File: VD076321.D

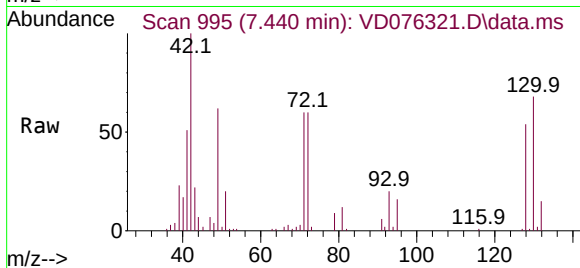
Acq: 05 Jun 2023 11:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050



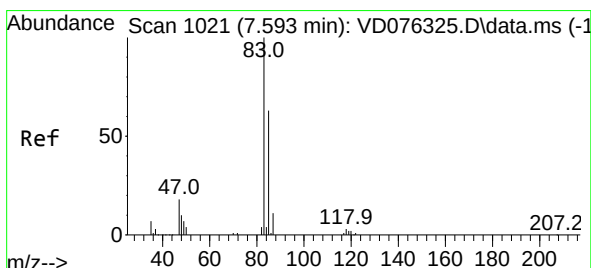
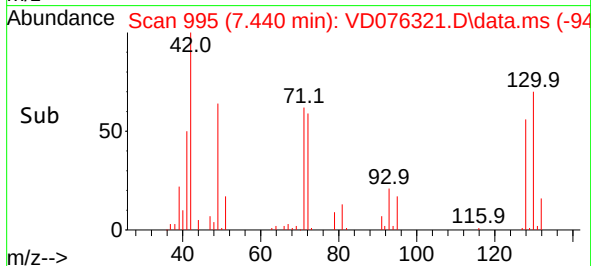
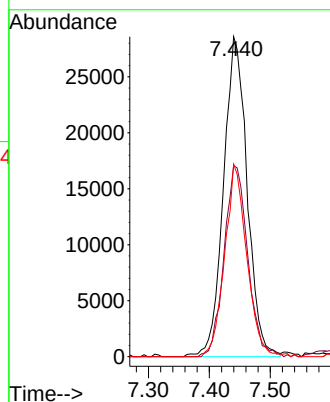
Tgt Ion: 42 Resp: 77097

Ion Ratio Lower Upper

42 100

72 59.9 46.5 69.7

71 56.4 44.5 66.7



#30

Chloroform

Concen: 59.212 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. -0.000 min

Lab File: VD076321.D

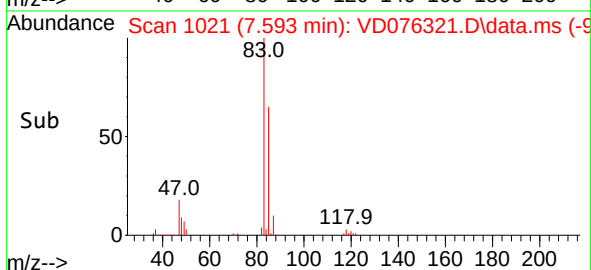
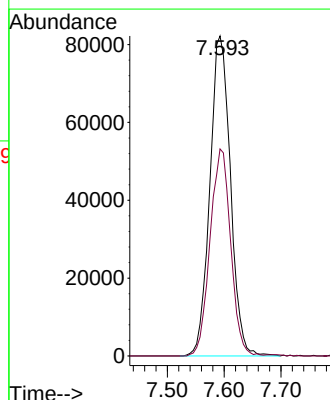
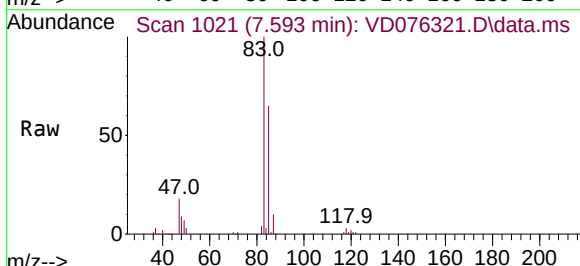
Acq: 05 Jun 2023 11:40

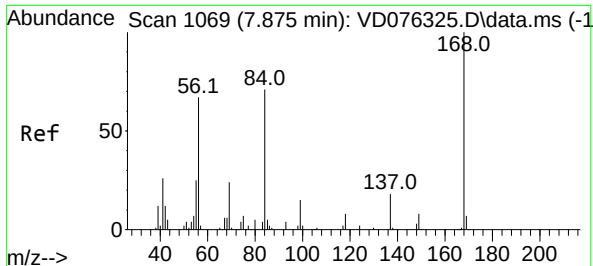
Tgt Ion: 83 Resp: 206431

Ion Ratio Lower Upper

83 100

85 64.7 53.4 80.2

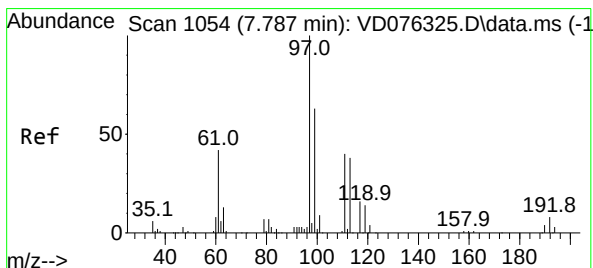
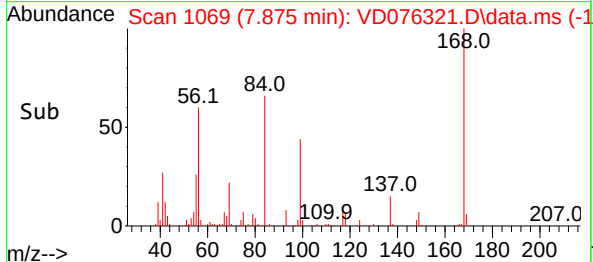
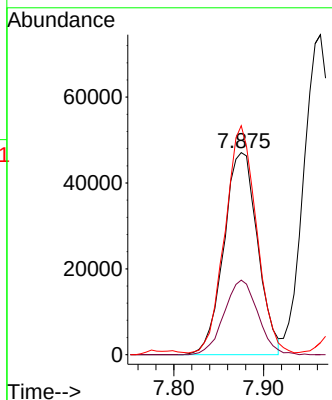
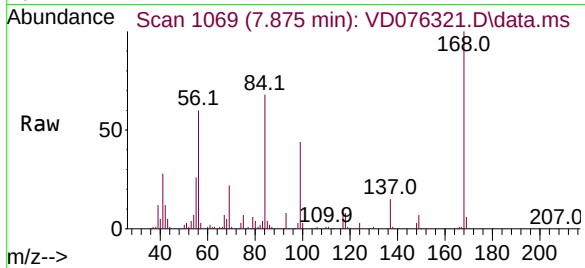




#31
Cyclohexane
Concen: 48.441 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD076321.D
Acq: 05 Jun 2023 11:40

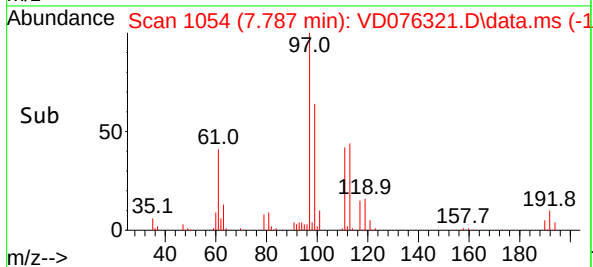
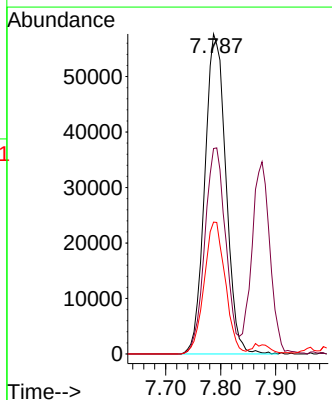
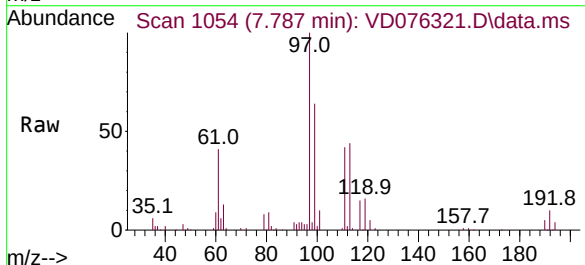
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

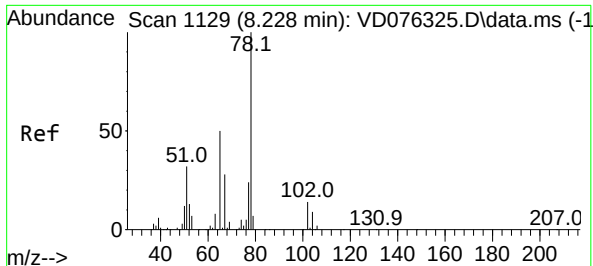
Tgt Ion: 56 Resp: 123182
Ion Ratio Lower Upper
56 100
69 36.9 28.6 43.0
84 111.9 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 55.458 ug/l
RT: 7.787 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VD076321.D
Acq: 05 Jun 2023 11:40

Tgt Ion: 97 Resp: 153966
Ion Ratio Lower Upper
97 100
99 64.0 52.0 78.0
61 41.2 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 58.483 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD076321.D

Acq: 05 Jun 2023 11:40

Instrument :

MSVOA_D

ClientSampleId :

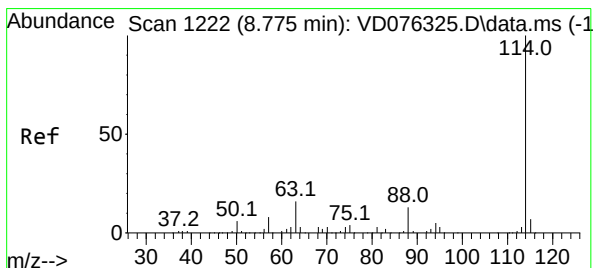
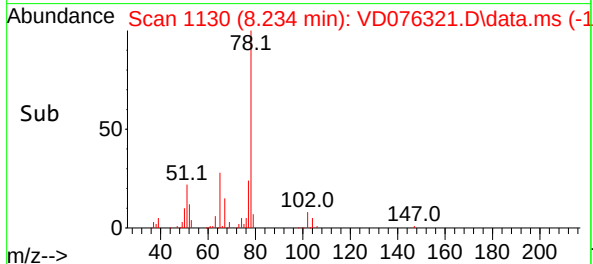
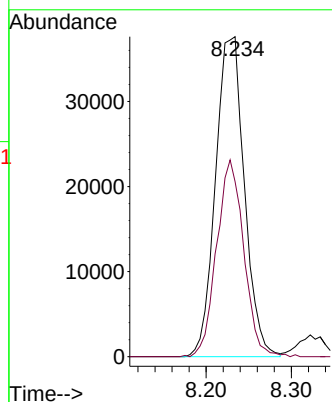
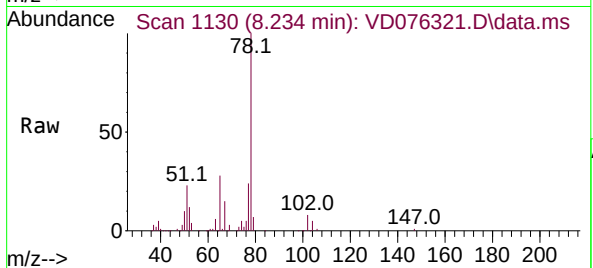
VSTDCCC050

Tgt Ion: 65 Resp: 88580

Ion Ratio Lower Upper

65 100

67 57.8 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: VD076321.D

Acq: 05 Jun 2023 11:40

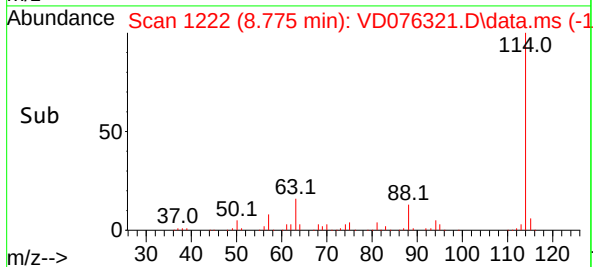
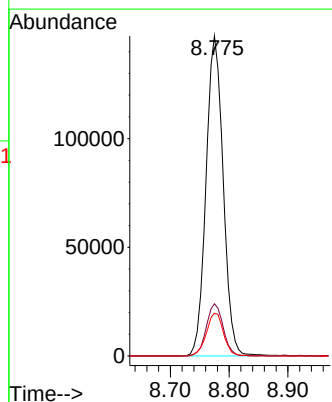
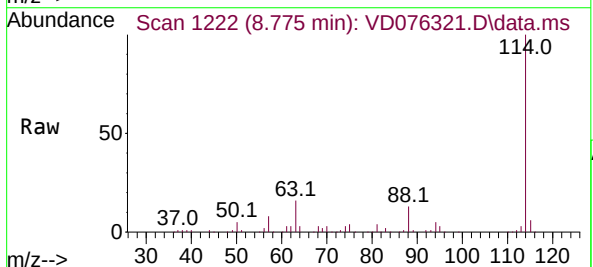
Tgt Ion: 114 Resp: 297957

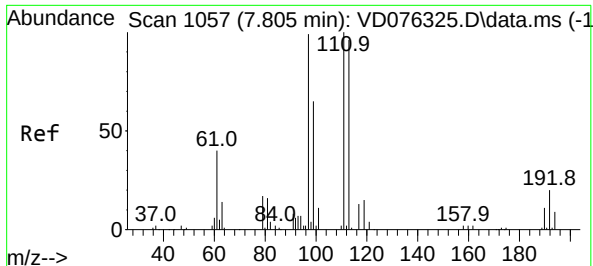
Ion Ratio Lower Upper

114 100

63 16.3 0.0 33.4

88 13.3 0.0 26.2





#35

Dibromofluoromethane

Concen: 54.912 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD076321.D

Acq: 05 Jun 2023 11:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

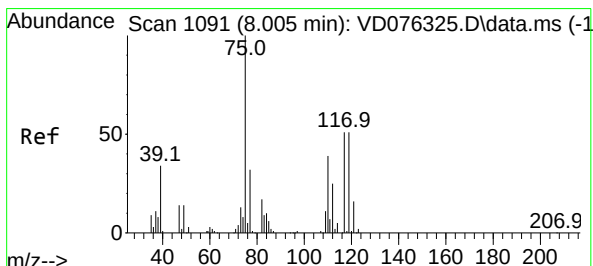
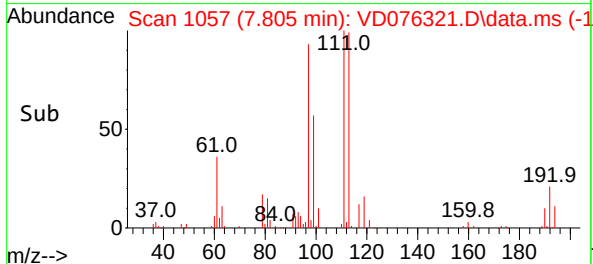
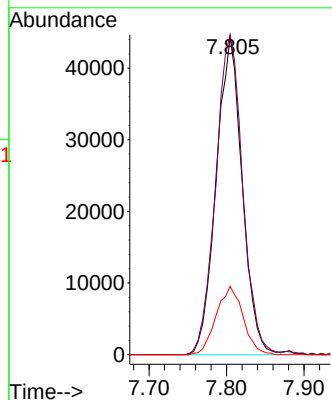
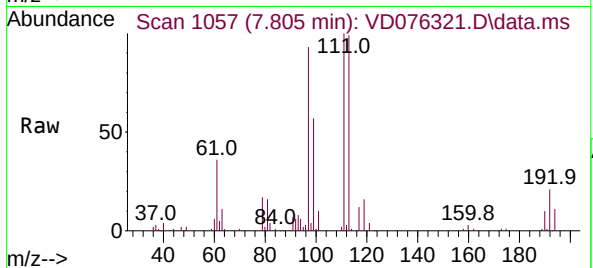
Tgt Ion:113 Resp: 103884

Ion Ratio Lower Upper

113 100

111 103.6 84.7 127.1

192 22.1 16.8 25.2



#36

1,1-Dichloropropene

Concen: 50.212 ug/l

RT: 8.004 min Scan# 1091

Delta R.T. -0.000 min

Lab File: VD076321.D

Acq: 05 Jun 2023 11:40

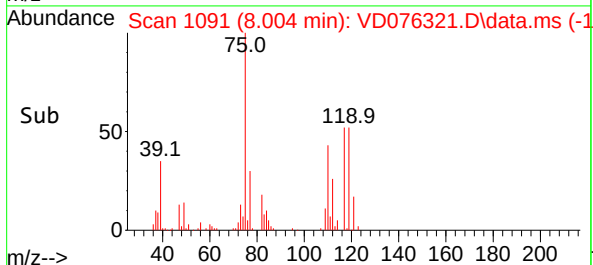
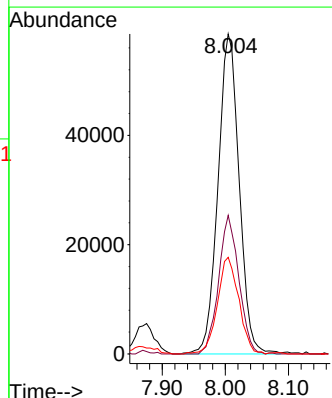
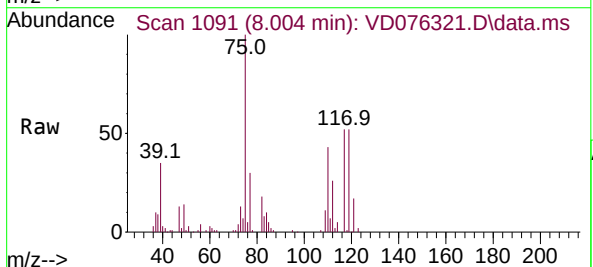
Tgt Ion: 75 Resp: 136481

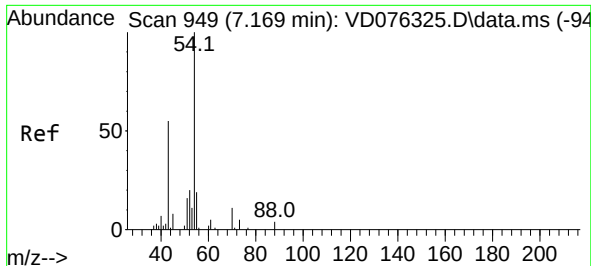
Ion Ratio Lower Upper

75 100

110 41.3 19.9 59.6

77 30.6 24.7 37.1

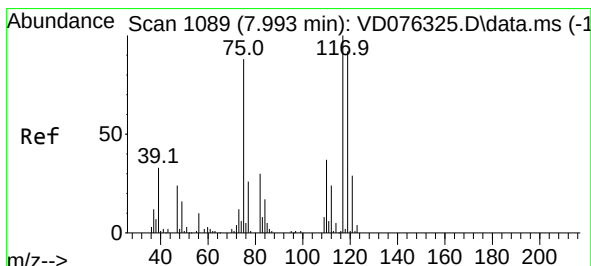
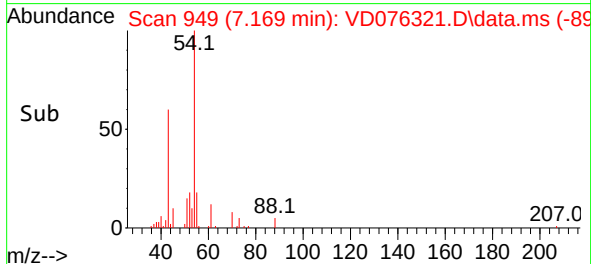
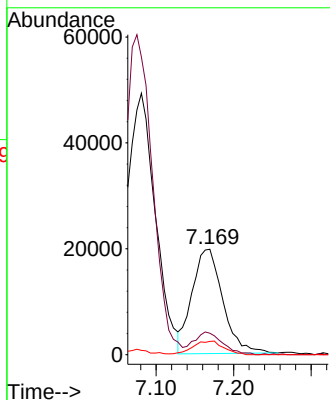
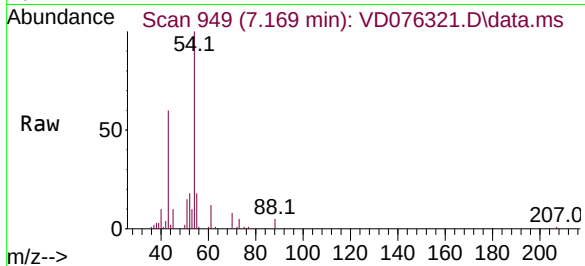




#37
Ethyl Acetate
Concen: 60.646 ug/l
RT: 7.169 min Scan# 949
Delta R.T. -0.000 min
Lab File: VD076321.D
Acq: 05 Jun 2023 11:40

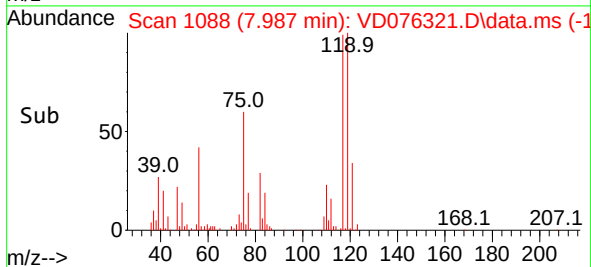
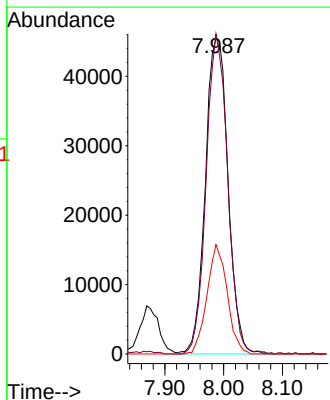
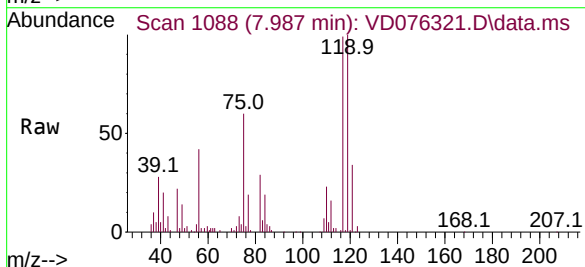
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

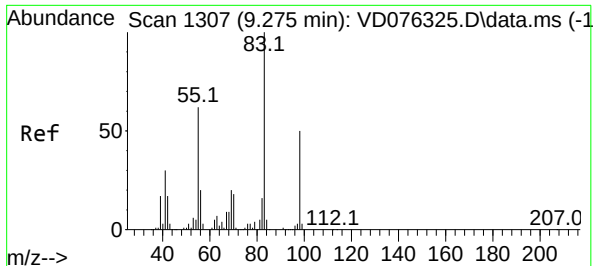
Tgt Ion: 43 Resp: 54384
Ion Ratio Lower Upper
43 100
61 20.3 14.9 22.3
70 13.1 10.0 15.0



#38
Carbon Tetrachloride
Concen: 51.266 ug/l
RT: 7.987 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD076321.D
Acq: 05 Jun 2023 11:40

Tgt Ion: 117 Resp: 122153
Ion Ratio Lower Upper
117 100
119 101.4 78.0 117.0
121 34.6 24.2 36.2





#39

Methylcyclohexane

Concen: 49.597 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. -0.006 min

Lab File: VD076321.D

Acq: 05 Jun 2023 11:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

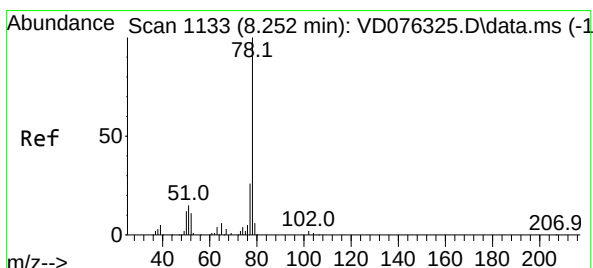
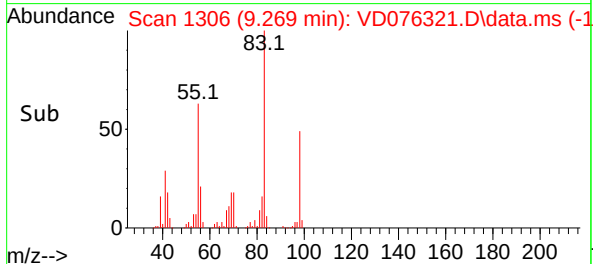
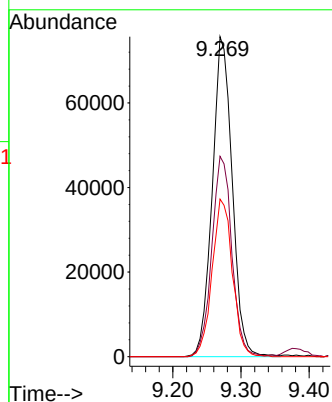
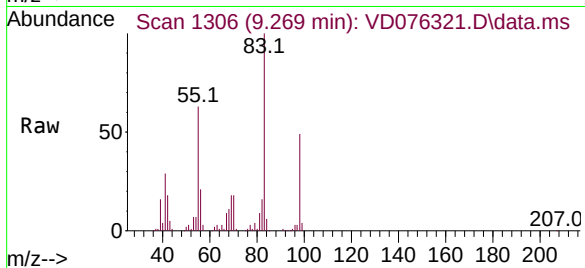
Tgt Ion: 83 Resp: 154031

Ion Ratio Lower Upper

83 100

55 62.6 49.4 74.0

98 49.3 38.4 57.6



#40

Benzene

Concen: 54.082 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. -0.000 min

Lab File: VD076321.D

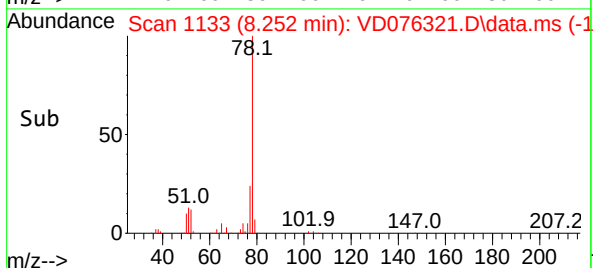
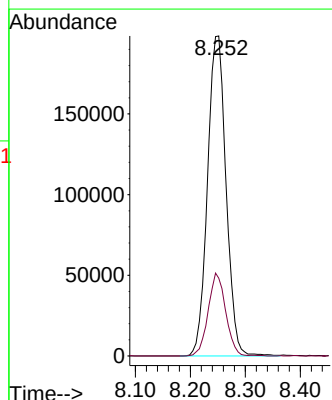
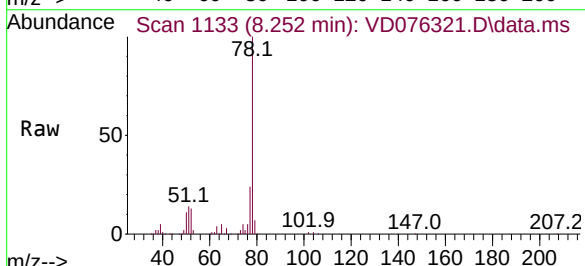
Acq: 05 Jun 2023 11:40

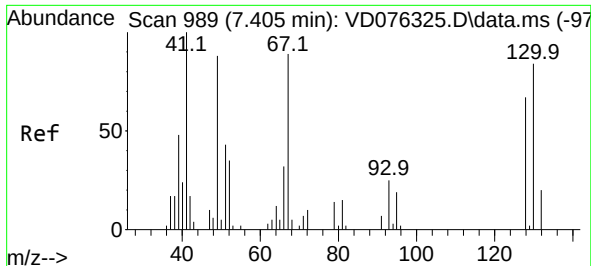
Tgt Ion: 78 Resp: 465007

Ion Ratio Lower Upper

78 100

77 24.3 19.4 29.0

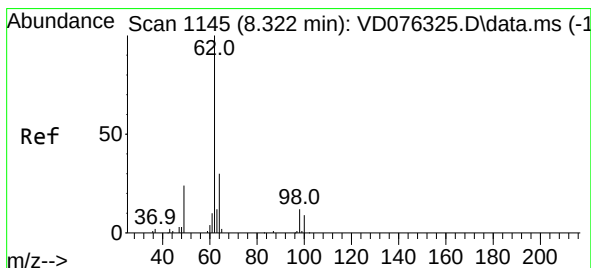
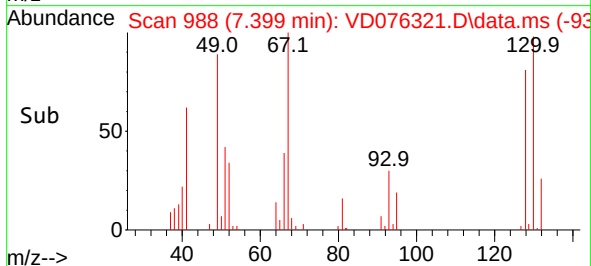
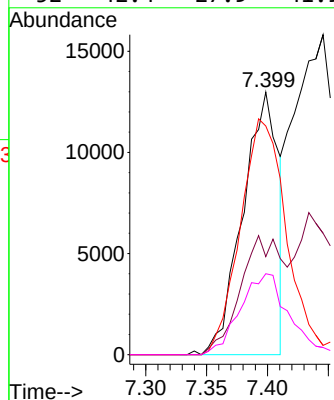
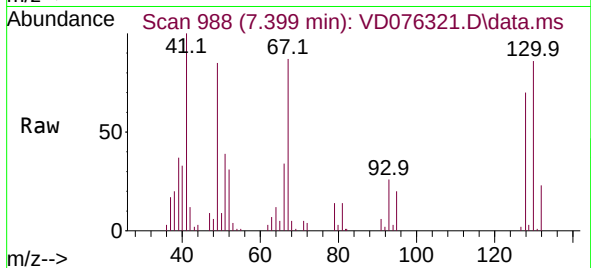




#41
Methacrylonitrile
Concen: 57.972 ug/l
RT: 7.399 min Scan# 911
Delta R.T. -0.006 min
Lab File: VD076321.D
Acq: 05 Jun 2023 11:40

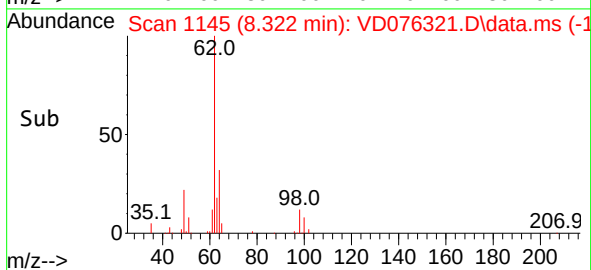
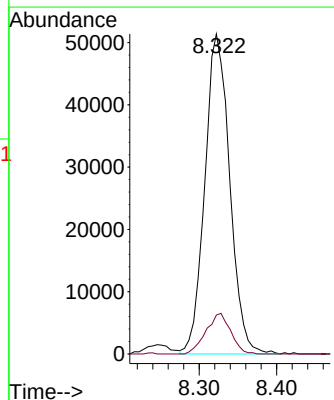
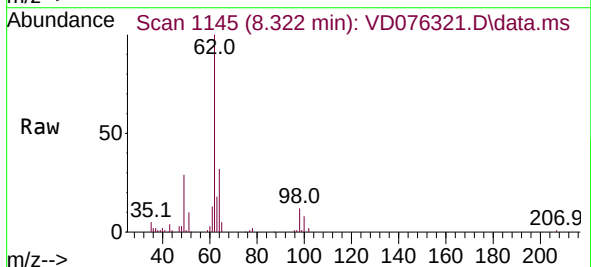
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

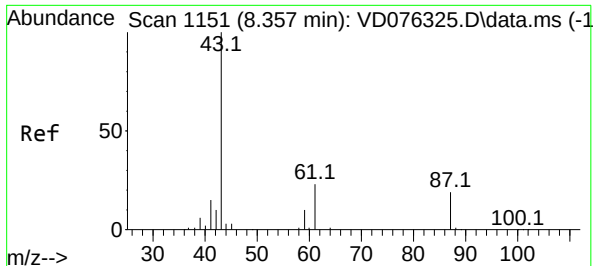
Tgt Ion:	41	Resp:	26486
Ion	Ratio	Lower	Upper
41	100		
39	54.2	34.0	51.0#
67	116.2	77.0	115.4#
52	42.4	27.9	41.9#



#42
1,2-Dichloroethane
Concen: 57.858 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VD076321.D
Acq: 05 Jun 2023 11:40

Tgt Ion:	62	Resp:	114894
Ion	Ratio	Lower	Upper
62	100		
98	12.6	0.0	25.4

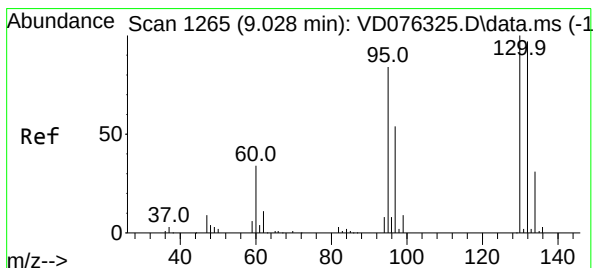
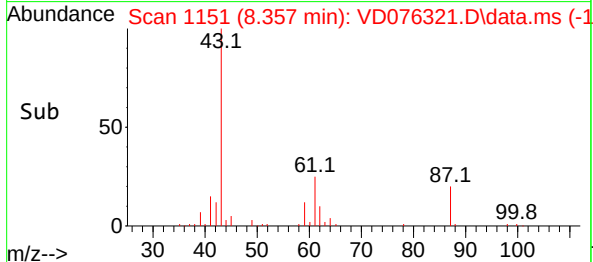
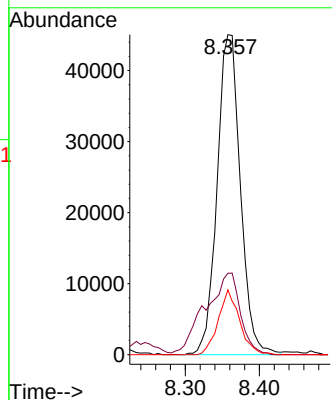
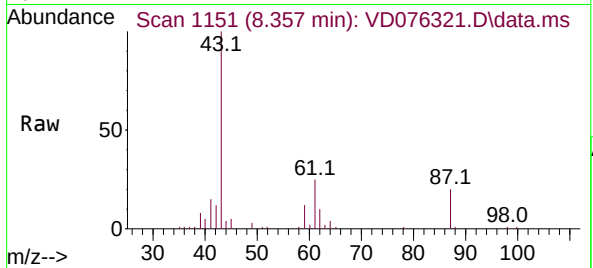




#43
Isopropyl Acetate
Concen: 61.330 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.000 min
Lab File: VD076321.D
Acq: 05 Jun 2023 11:40

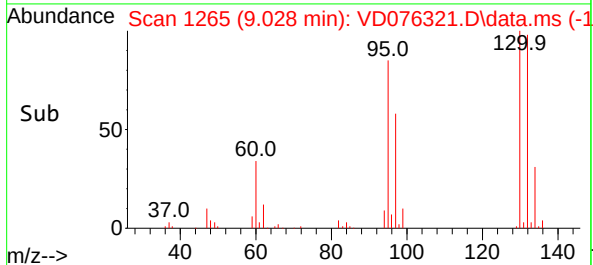
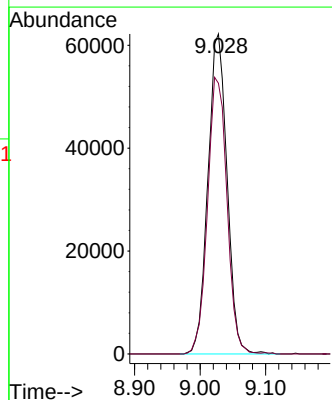
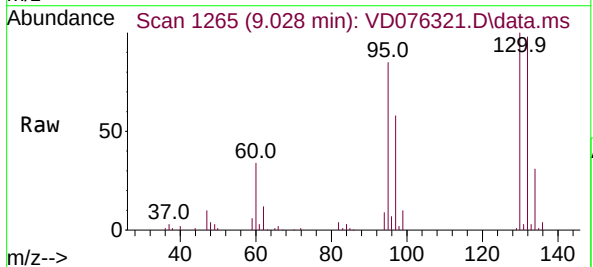
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

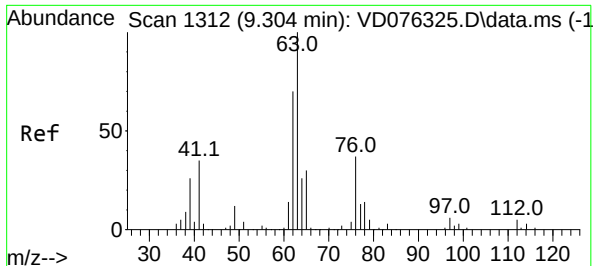
Tgt Ion: 43 Resp: 98566
Ion Ratio Lower Upper
43 100
61 38.3 31.4 47.0
87 18.6 14.9 22.3



#44
Trichloroethene
Concen: 52.415 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD076321.D
Acq: 05 Jun 2023 11:40

Tgt Ion: 130 Resp: 126014
Ion Ratio Lower Upper
130 100
95 84.6 0.0 179.2





#45

1,2-Dichloropropane

Concen: 57.304 ug/l

RT: 9.304 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD076321.D

Acq: 05 Jun 2023 11:40

Instrument :

MSVOA_D

ClientSampleId :

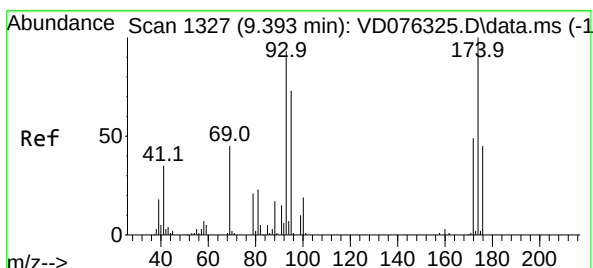
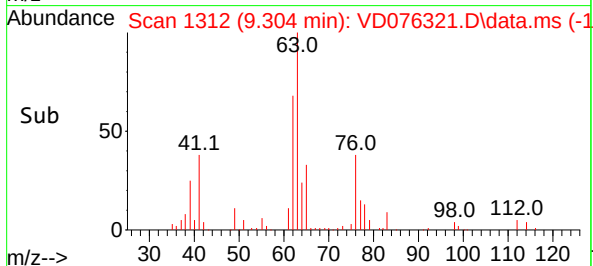
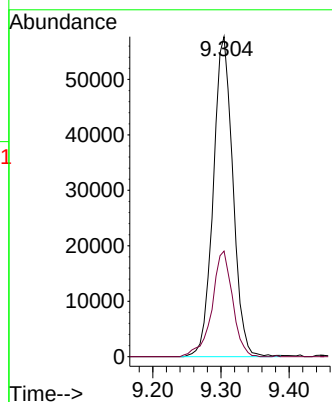
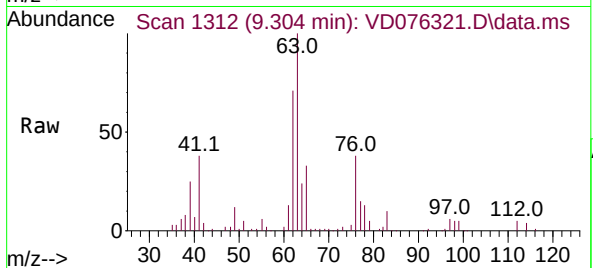
VSTDCCC050

Tgt Ion: 63 Resp: 115636

Ion Ratio Lower Upper

63 100

65 33.0 24.5 36.7



#46

Dibromomethane

Concen: 59.434 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD076321.D

Acq: 05 Jun 2023 11:40

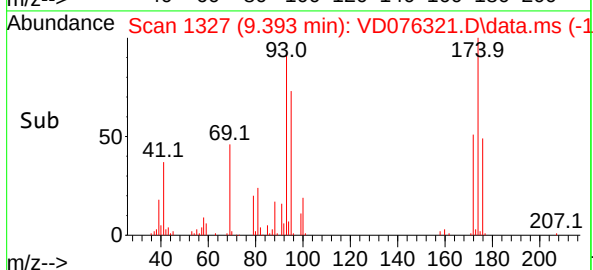
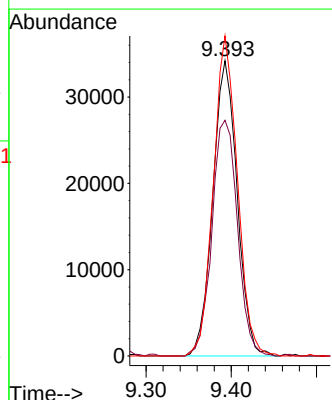
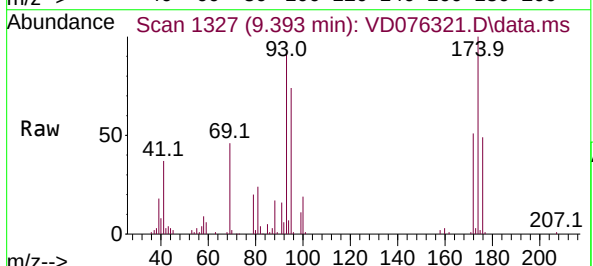
Tgt Ion: 93 Resp: 67891

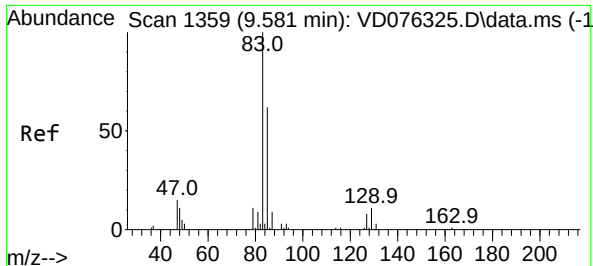
Ion Ratio Lower Upper

93 100

95 83.8 67.7 101.5

174 107.1 85.4 128.2





#47

Bromodichloromethane

Concen: 59.836 ug/l

RT: 9.581 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD076321.D

Acq: 05 Jun 2023 11:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

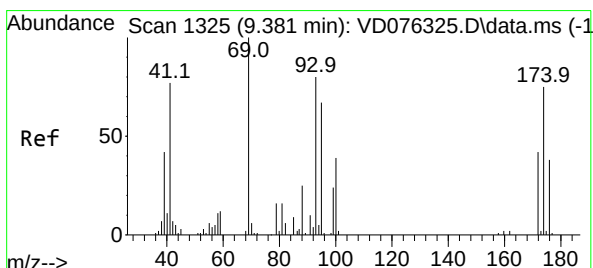
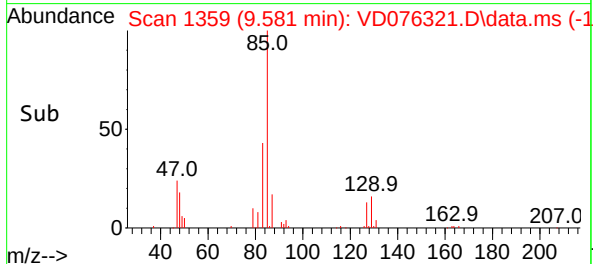
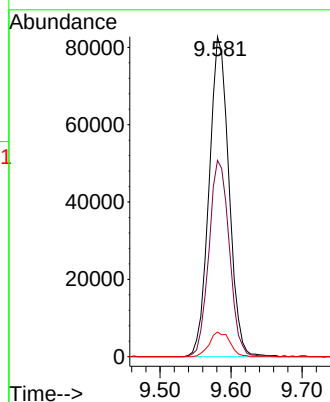
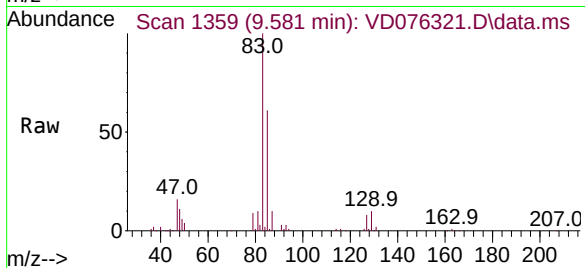
Tgt Ion: 83 Resp: 160231

Ion Ratio Lower Upper

83 100

85 61.3 50.2 75.4

127 7.7 6.3 9.5



#48

Methyl methacrylate

Concen: 62.998 ug/l

RT: 9.375 min Scan# 1324

Delta R.T. -0.006 min

Lab File: VD076321.D

Acq: 05 Jun 2023 11:40

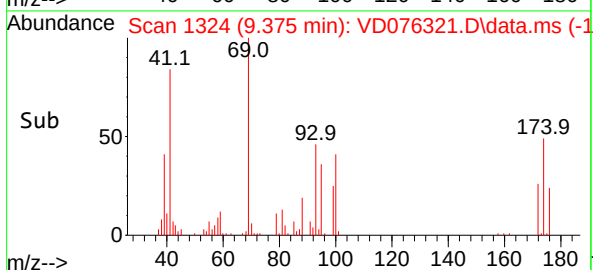
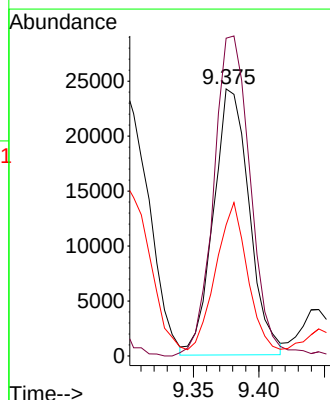
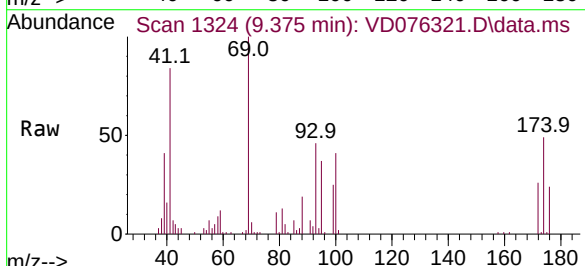
Tgt Ion: 41 Resp: 45867

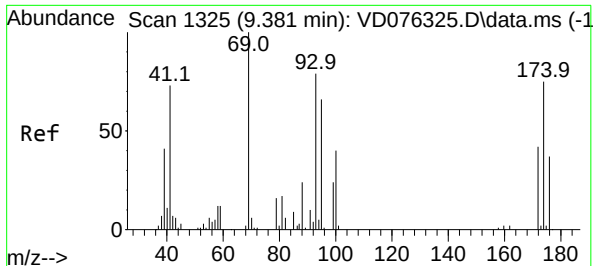
Ion Ratio Lower Upper

41 100

69 124.4 102.2 153.2

39 53.2 41.4 62.2





#49

1,4-Dioxane

Concen: 1288.937 ug/l

RT: 9.381 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD076321.D

Acq: 05 Jun 2023 11:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

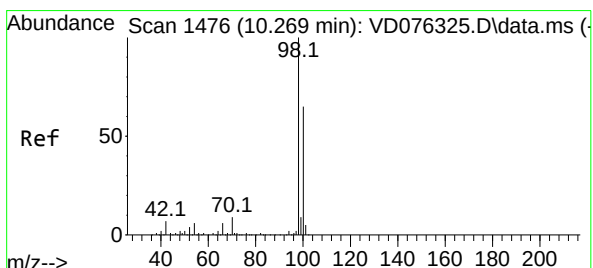
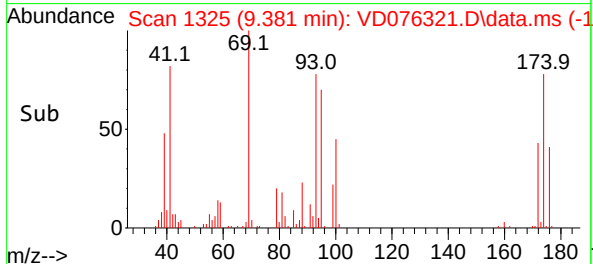
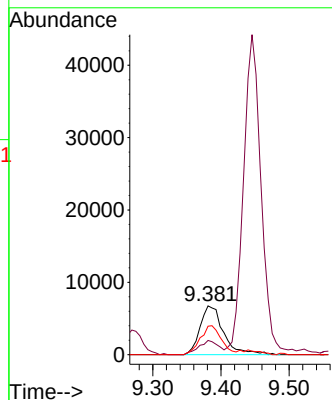
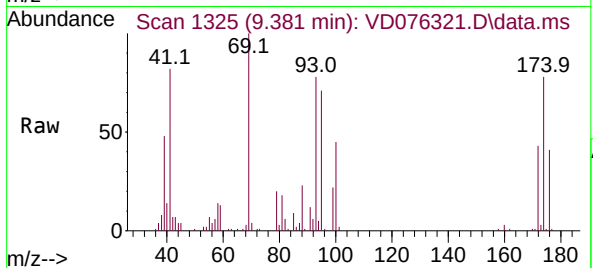
Tgt Ion: 88 Resp: 16137

Ion Ratio Lower Upper

88 100

43 24.5 19.0 28.6

58 53.2 43.5 65.3



#50

Toluene-d8

Concen: 53.427 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD076321.D

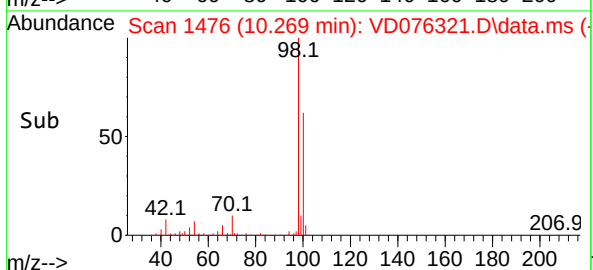
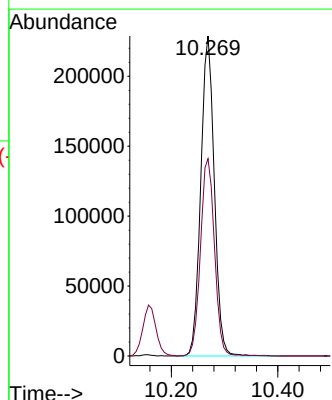
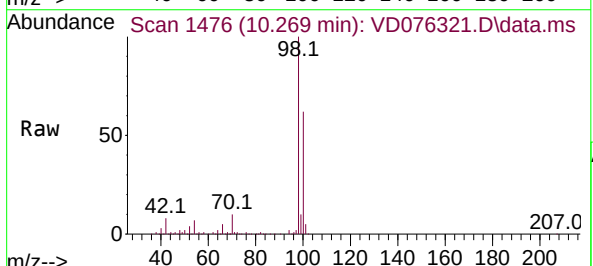
Acq: 05 Jun 2023 11:40

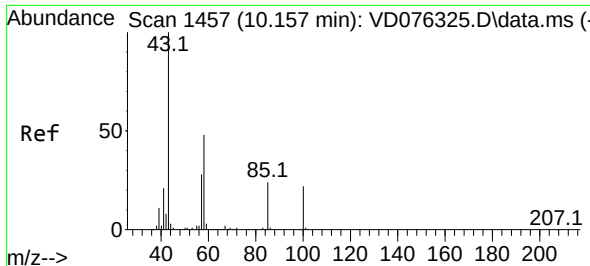
Tgt Ion: 98 Resp: 402433

Ion Ratio Lower Upper

98 100

100 64.2 50.3 75.5

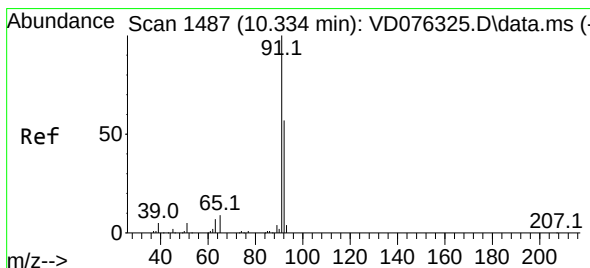
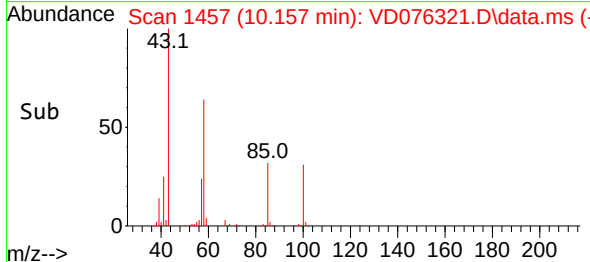
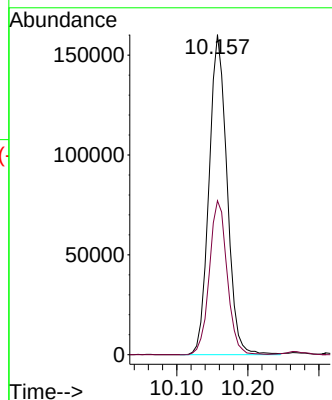
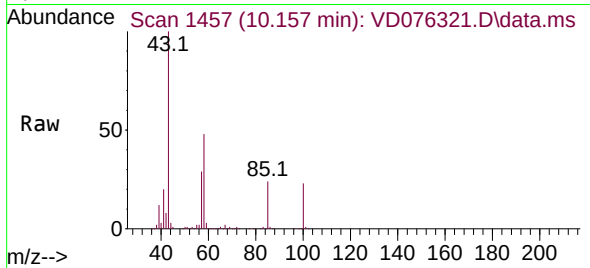




#51
4-Methyl-2-Pentanone
Concen: 332.592 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD076321.D
Acq: 05 Jun 2023 11:40

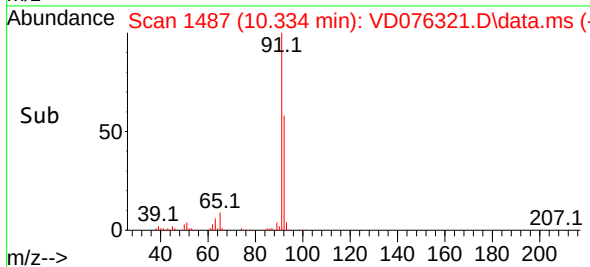
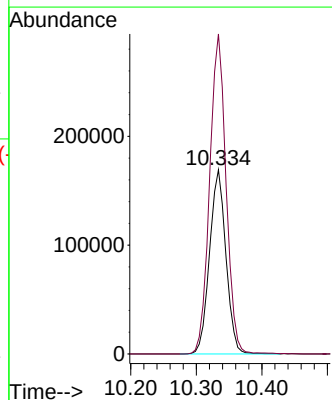
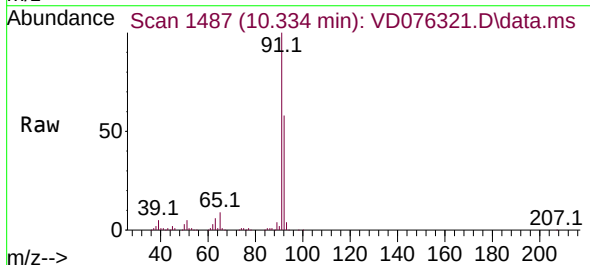
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

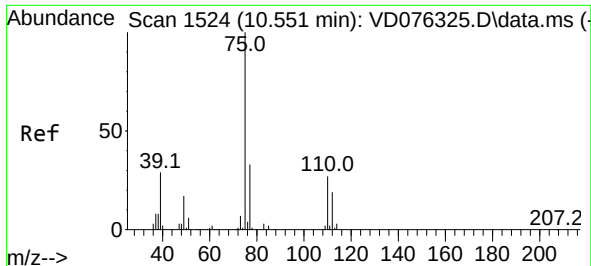
Tgt Ion: 43 Resp: 281748
Ion Ratio Lower Upper
43 100
58 47.6 38.9 58.3



#52
Toluene
Concen: 55.502 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD076321.D
Acq: 05 Jun 2023 11:40

Tgt Ion: 92 Resp: 293466
Ion Ratio Lower Upper
92 100
91 174.5 143.0 214.4

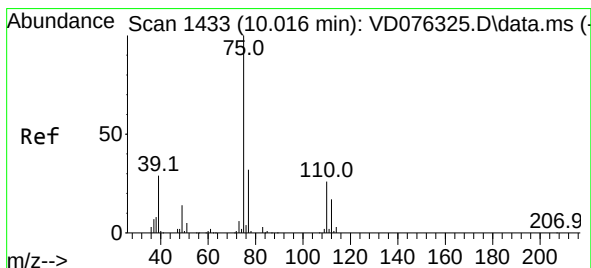
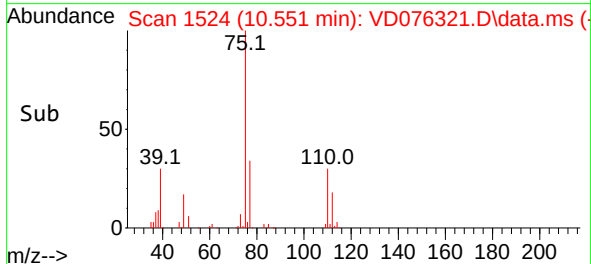
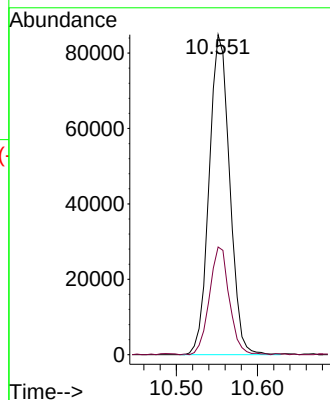
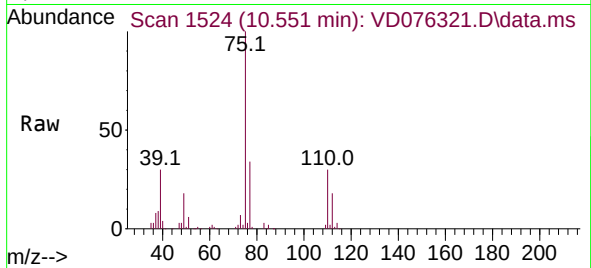




#53
 t-1,3-Dichloropropene
 Concen: 59.960 ug/l
 RT: 10.551 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VD076321.D
 Acq: 05 Jun 2023 11:40

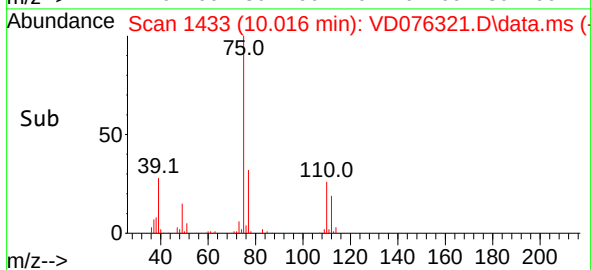
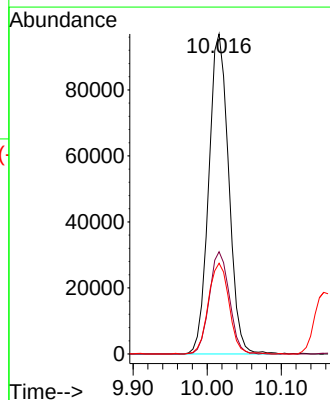
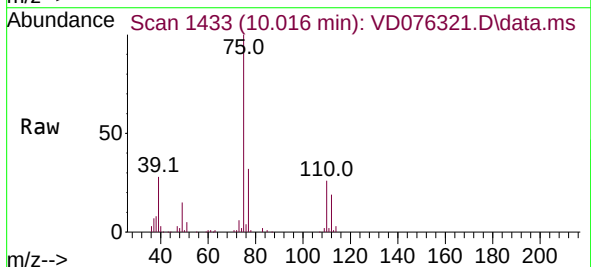
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

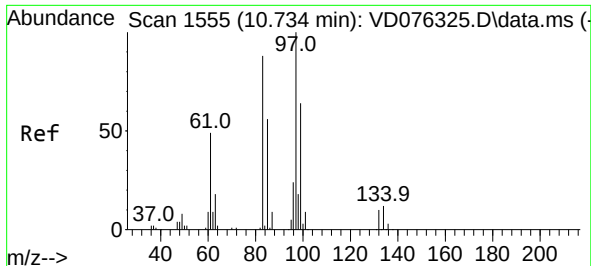
Tgt Ion: 75 Resp: 149011
 Ion Ratio Lower Upper
 75 100
 77 33.7 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 59.001 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD076321.D
 Acq: 05 Jun 2023 11:40

Tgt Ion: 75 Resp: 181195
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.5 38.3
 39 28.4 22.1 33.1

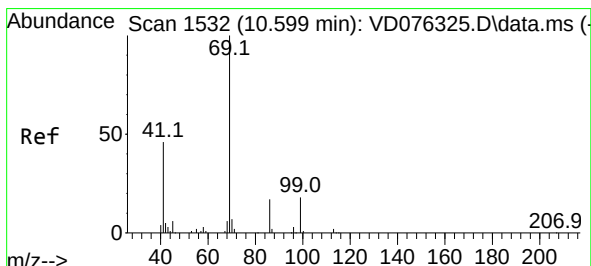
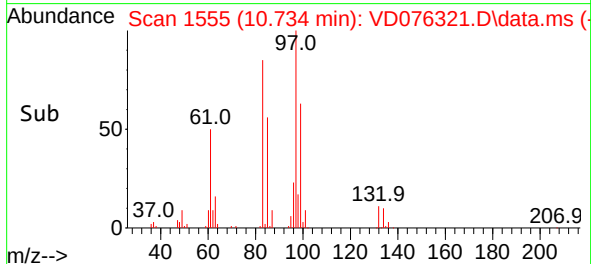
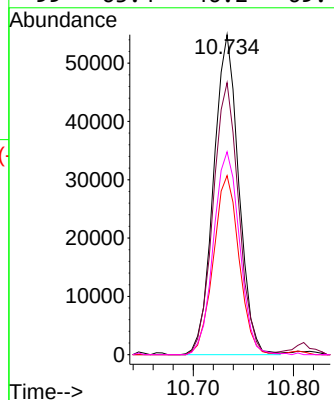
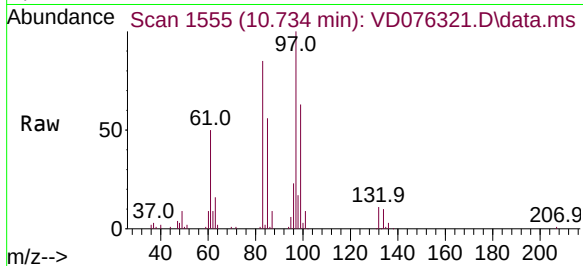




#55
1,1,2-Trichloroethane
Concen: 59.122 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD076321.D
Acq: 05 Jun 2023 11:40

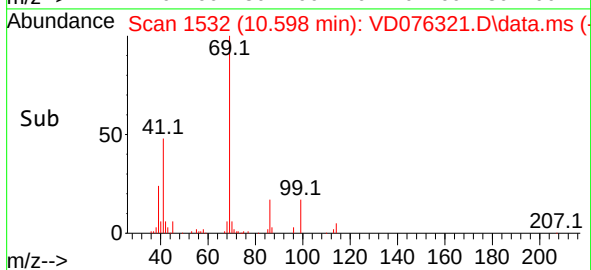
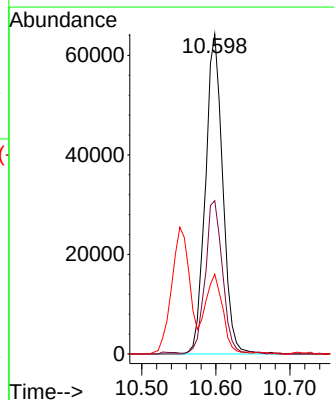
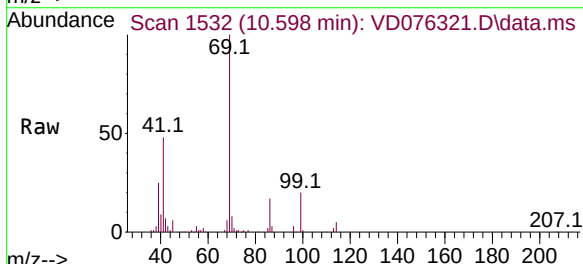
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

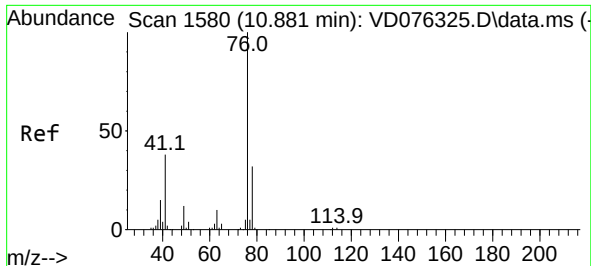
Tgt Ion:	97	Resp:	95623
Ion	Ratio	Lower	Upper
97	100		
83	85.0	65.8	98.6
85	55.9	45.7	68.5
99	63.4	46.2	69.4



#56
Ethyl methacrylate
Concen: 63.264 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. -0.000 min
Lab File: VD076321.D
Acq: 05 Jun 2023 11:40

Tgt Ion:	69	Resp:	104360
Ion	Ratio	Lower	Upper
69	100		
41	47.0	39.1	58.7
39	24.8	20.0	30.0





#57

1,3-Dichloropropane

Concen: 60.215 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD076321.D

Acq: 05 Jun 2023 11:40

Instrument :

MSVOA_D

ClientSampleId :

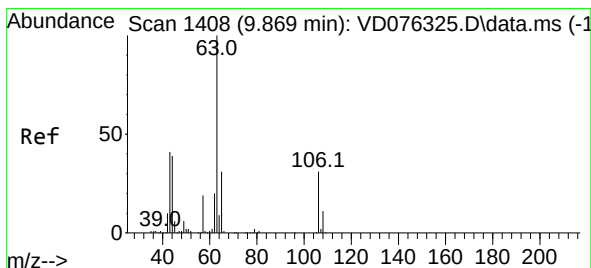
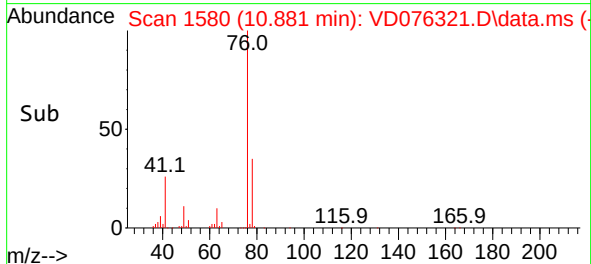
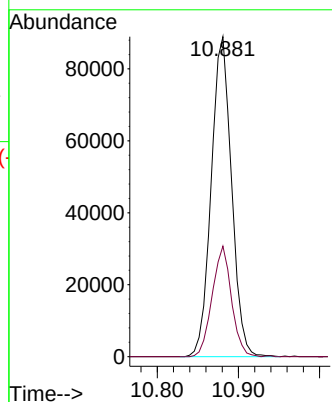
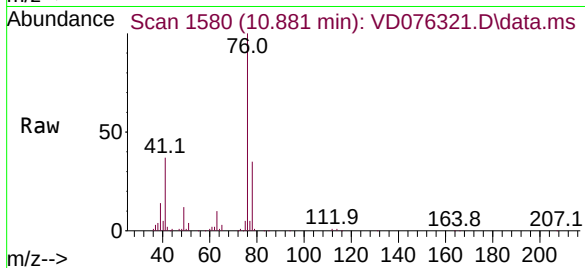
VSTDCCC050

Tgt Ion: 76 Resp: 154683

Ion Ratio Lower Upper

76 100

78 32.8 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 376.245 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD076321.D

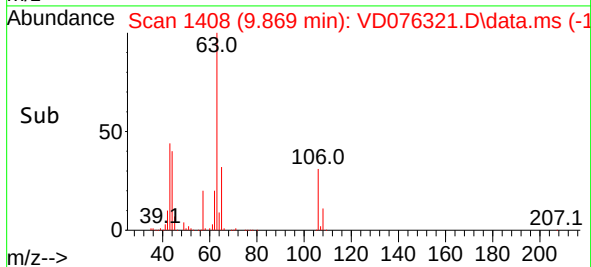
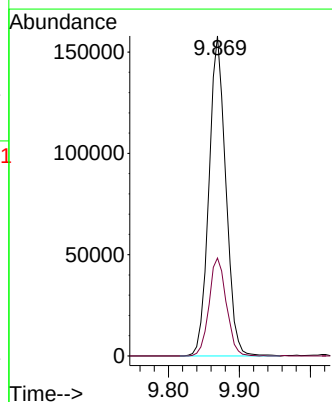
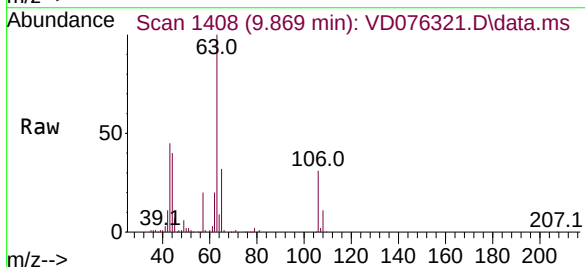
Acq: 05 Jun 2023 11:40

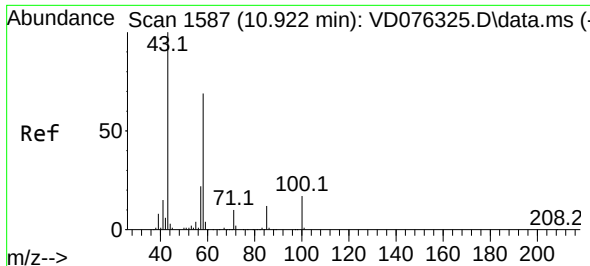
Tgt Ion: 63 Resp: 260588

Ion Ratio Lower Upper

63 100

106 31.3 25.3 37.9

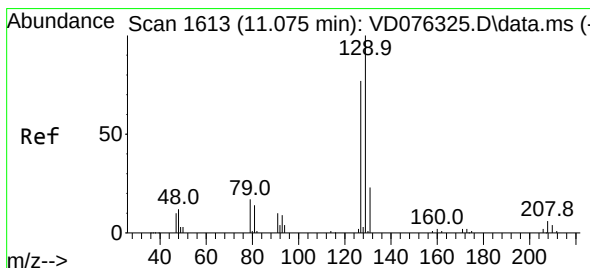
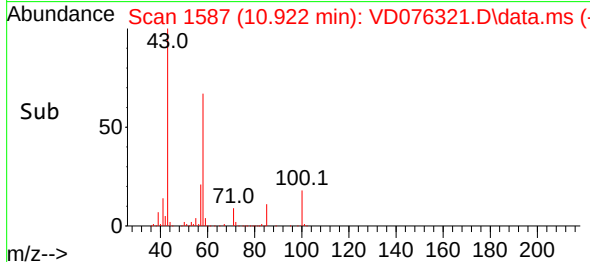
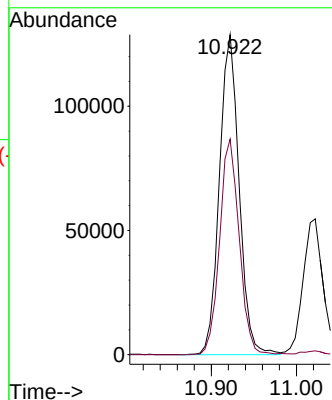
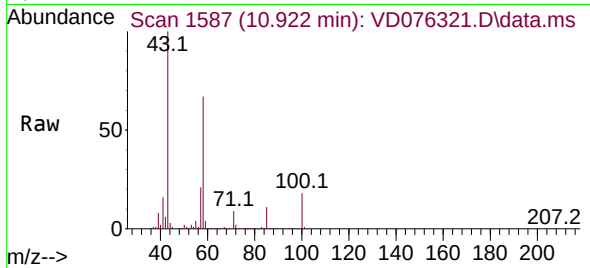




#59
2-Hexanone
Concen: 356.411 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD076321.D
Acq: 05 Jun 2023 11:40

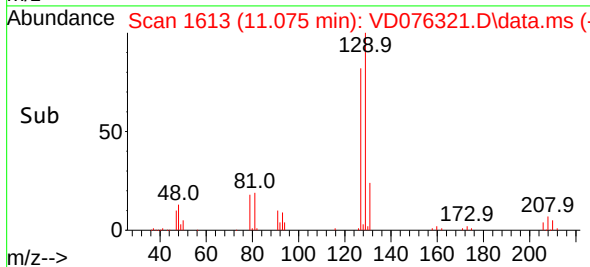
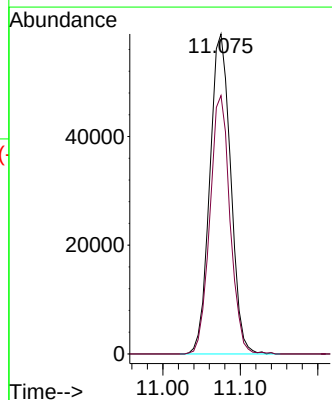
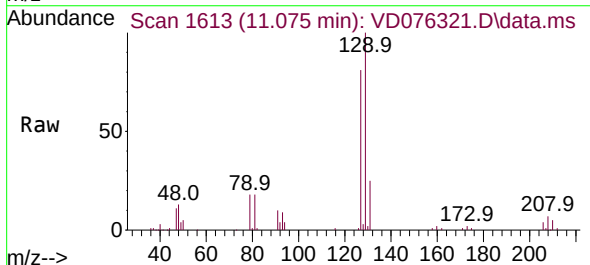
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

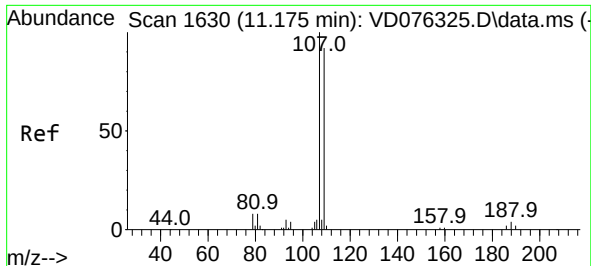
Tgt Ion: 43 Resp: 207154
Ion Ratio Lower Upper
43 100
58 67.1 34.1 102.2



#60
Dibromochloromethane
Concen: 60.194 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD076321.D
Acq: 05 Jun 2023 11:40

Tgt Ion: 129 Resp: 110363
Ion Ratio Lower Upper
129 100
127 77.8 37.1 111.5

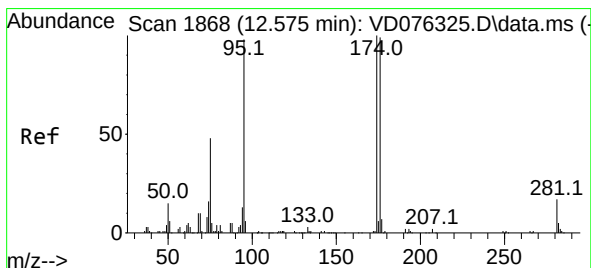
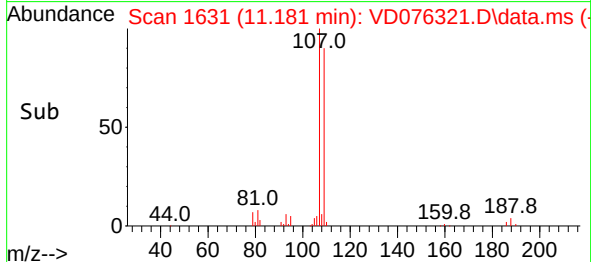
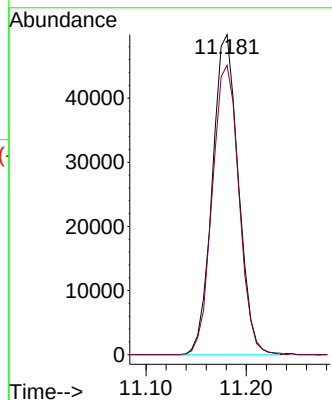
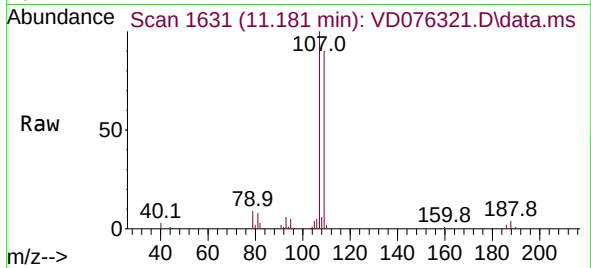




#61
1,2-Dibromoethane
Concen: 60.918 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.006 min
Lab File: VD076321.D
Acq: 05 Jun 2023 11:40

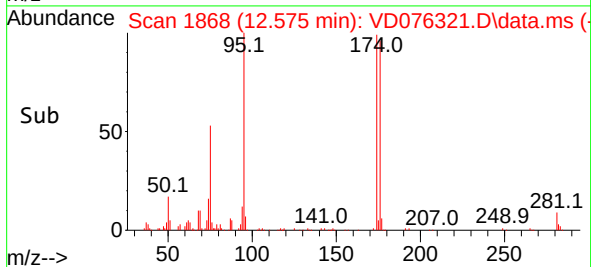
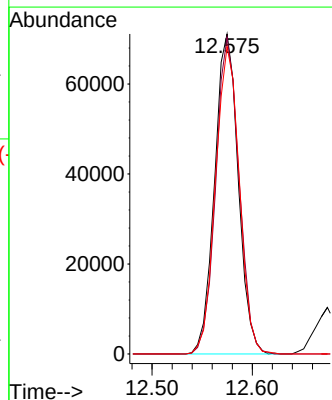
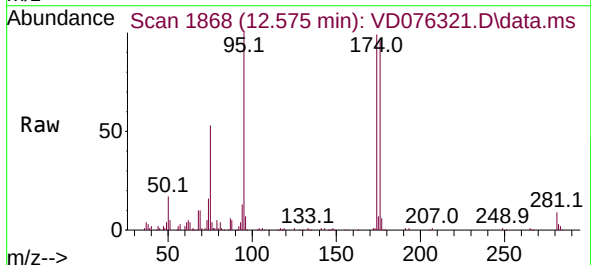
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

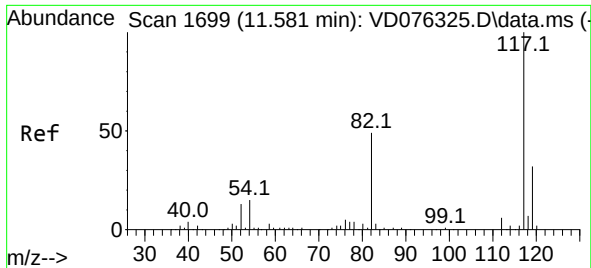
Tgt Ion:107 Resp: 89652
Ion Ratio Lower Upper
107 100
109 92.9 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 58.335 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076321.D
Acq: 05 Jun 2023 11:40

Tgt Ion: 95 Resp: 116283
Ion Ratio Lower Upper
95 100
174 97.6 0.0 201.8
176 96.7 0.0 191.8

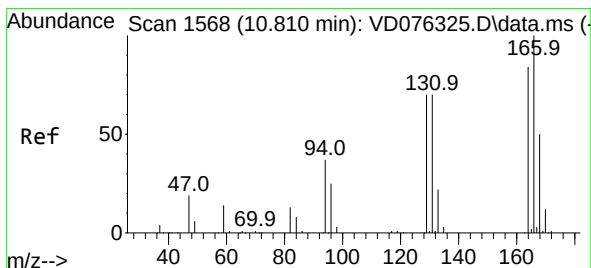
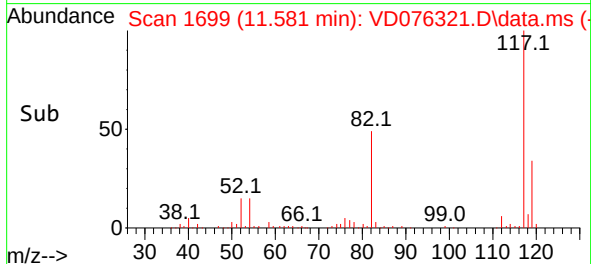
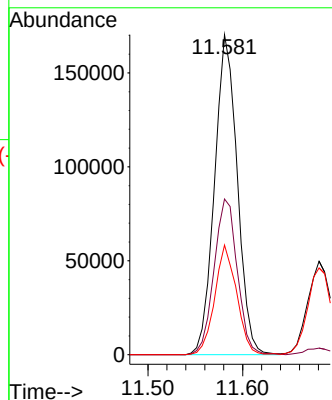
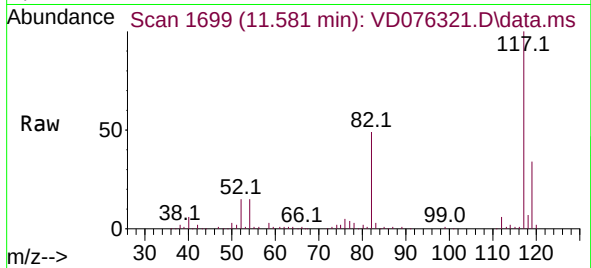




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD076321.D
Acq: 05 Jun 2023 11:40

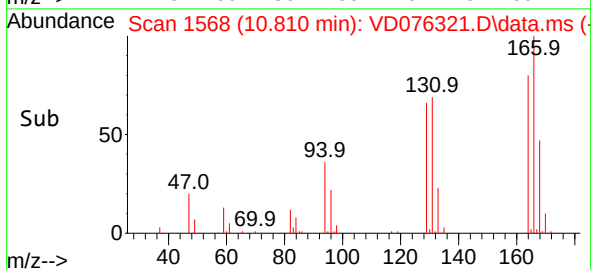
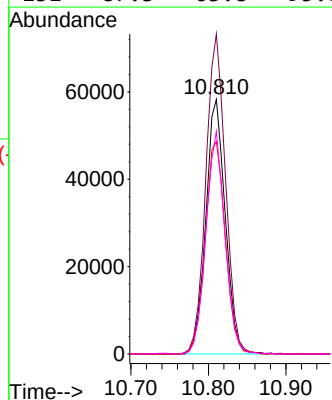
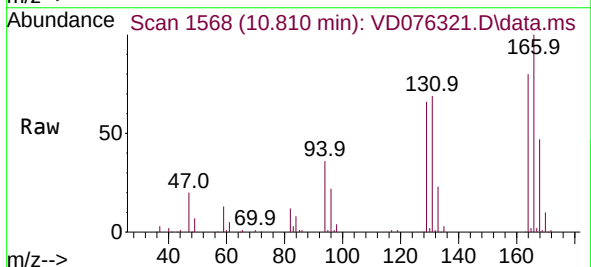
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

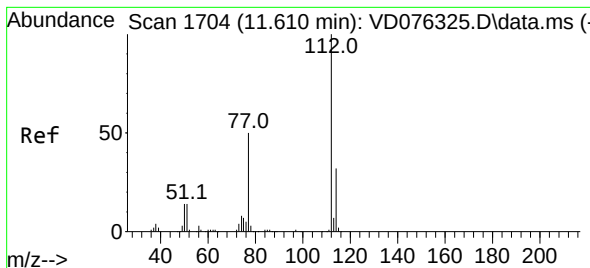
Tgt Ion:117 Resp: 284302
Ion Ratio Lower Upper
117 100
82 48.7 38.3 57.5
119 34.2 25.0 37.4



#64
Tetrachloroethene
Concen: 49.806 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD076321.D
Acq: 05 Jun 2023 11:40

Tgt Ion:164 Resp: 101425
Ion Ratio Lower Upper
164 100
166 125.7 99.2 148.8
129 83.4 68.4 102.6
131 87.3 63.8 95.8





#65

Chlorobenzene

Concen: 53.936 ug/l

RT: 11.604 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD076321.D

Acq: 05 Jun 2023 11:40

Instrument :

MSVOA_D

ClientSampleId :

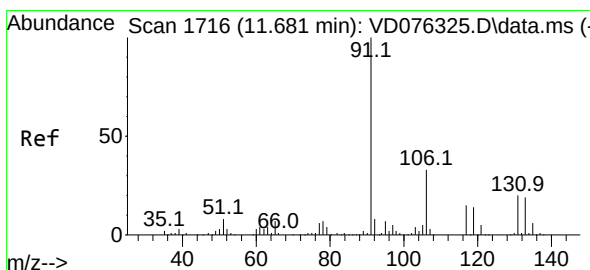
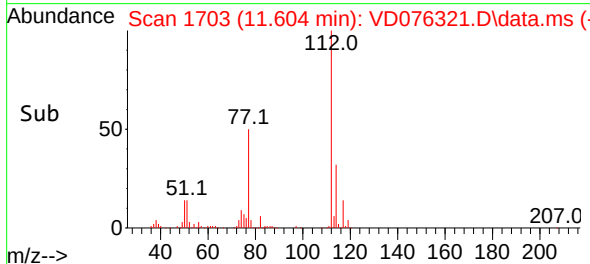
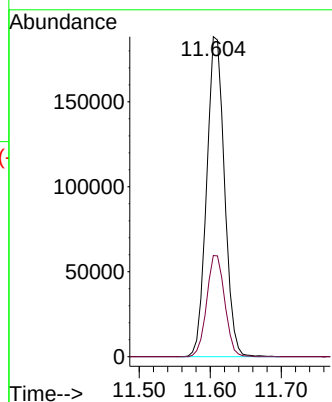
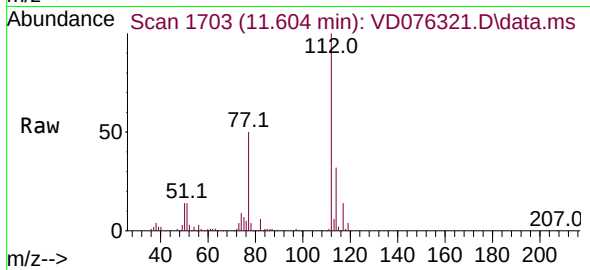
VSTDCCC050

Tgt Ion:112 Resp: 328547

Ion Ratio Lower Upper

112 100

114 31.6 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 56.848 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD076321.D

Acq: 05 Jun 2023 11:40

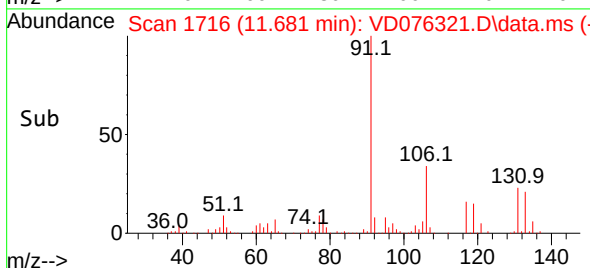
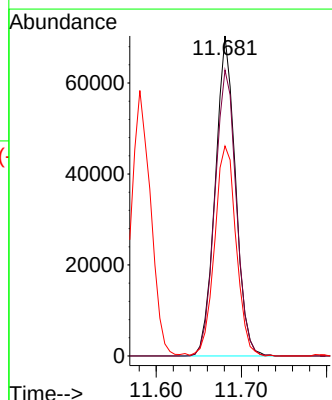
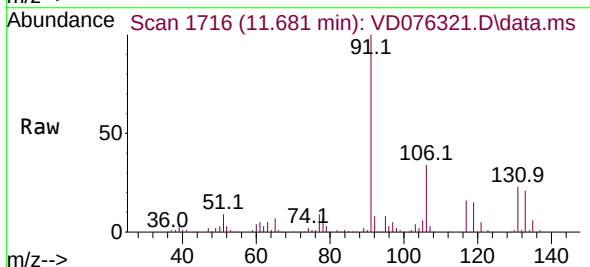
Tgt Ion:131 Resp: 116266

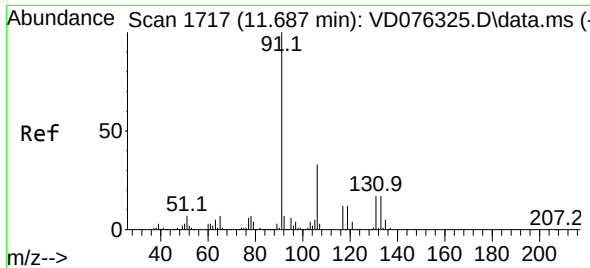
Ion Ratio Lower Upper

131 100

133 94.1 48.5 145.5

119 69.7 35.6 106.9

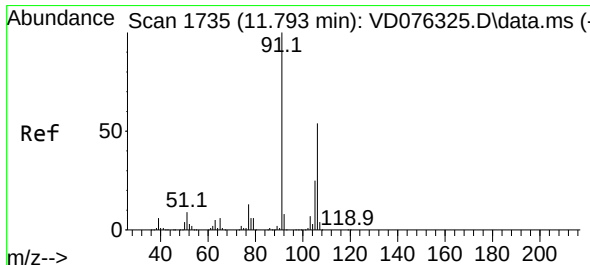
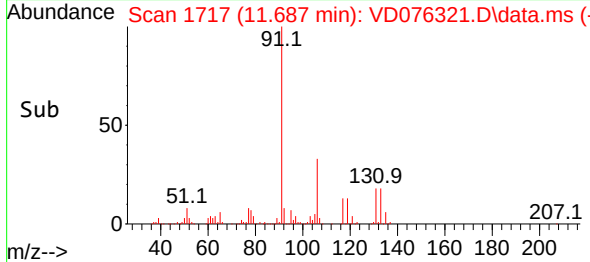
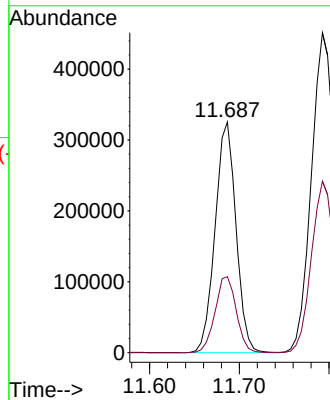
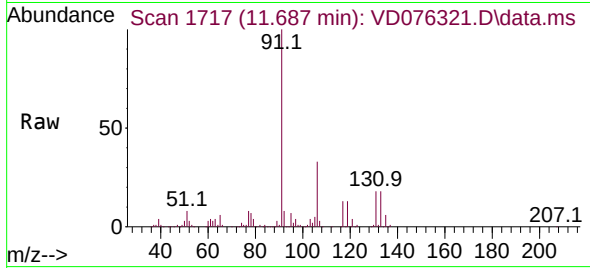




#67
Ethyl Benzene
Concen: 53.566 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD076321.D
Acq: 05 Jun 2023 11:40

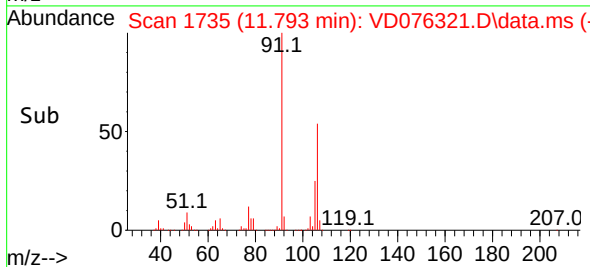
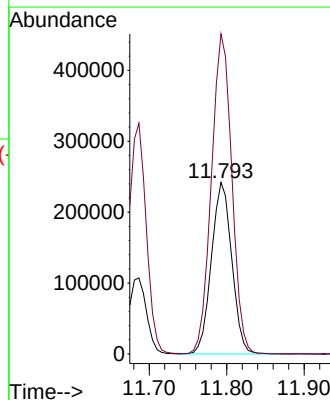
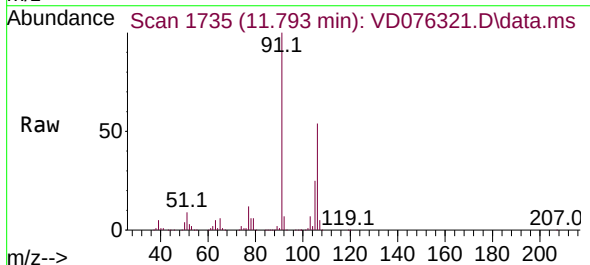
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

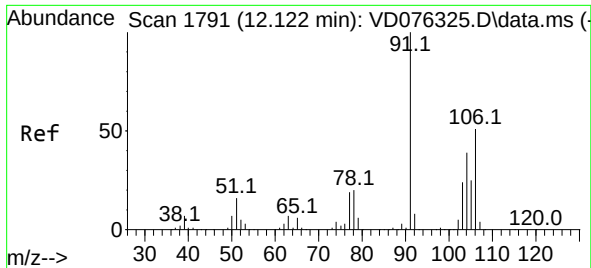
Tgt Ion: 91 Resp: 525839
Ion Ratio Lower Upper
91 100
106 32.9 26.5 39.7



#68
m/p-Xylenes
Concen: 108.681 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD076321.D
Acq: 05 Jun 2023 11:40

Tgt Ion:106 Resp: 441030
Ion Ratio Lower Upper
106 100
91 187.7 147.0 220.6

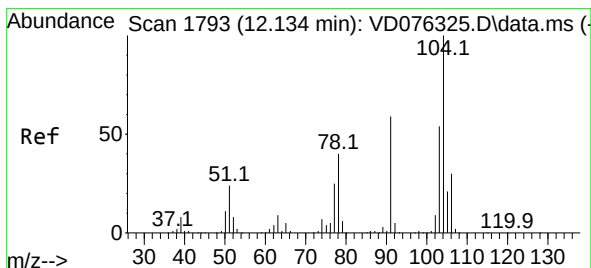
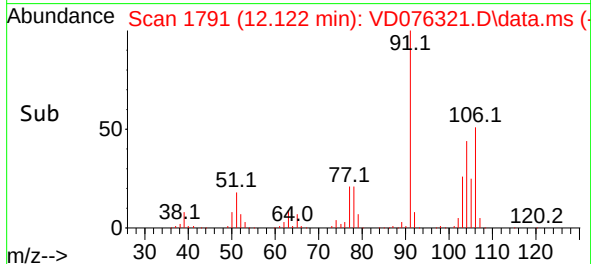
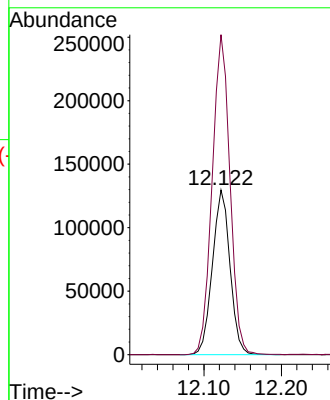
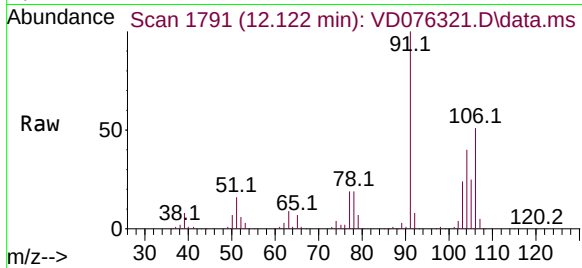




#69
o-Xylene
Concen: 55.889 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD076321.D
Acq: 05 Jun 2023 11:40

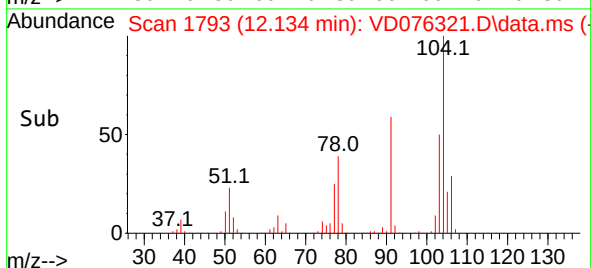
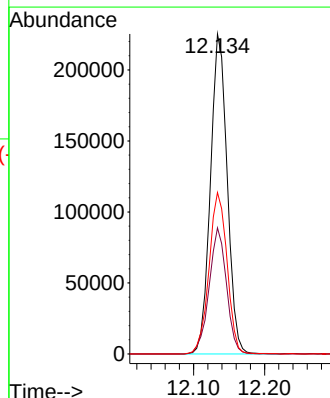
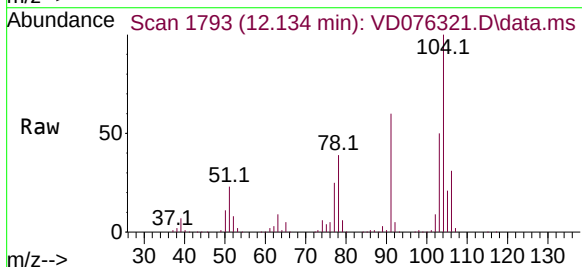
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

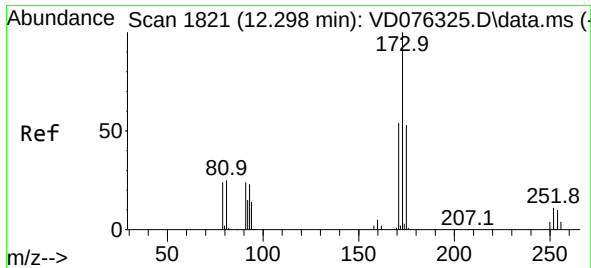
Tgt Ion:106 Resp: 204485
Ion Ratio Lower Upper
106 100
91 196.8 97.9 293.6



#70
Styrene
Concen: 58.928 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD076321.D
Acq: 05 Jun 2023 11:40

Tgt Ion:104 Resp: 369747
Ion Ratio Lower Upper
104 100
78 40.8 33.2 49.8
103 54.2 43.6 65.4

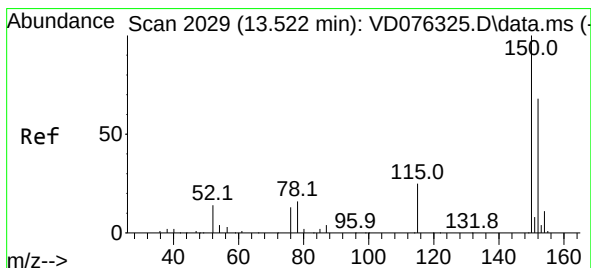
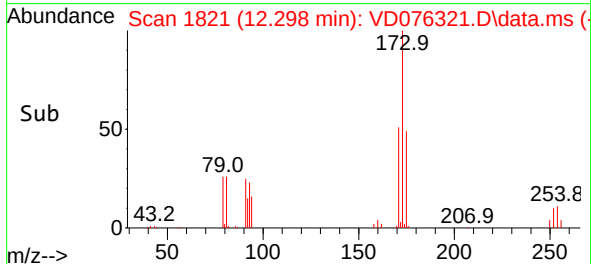
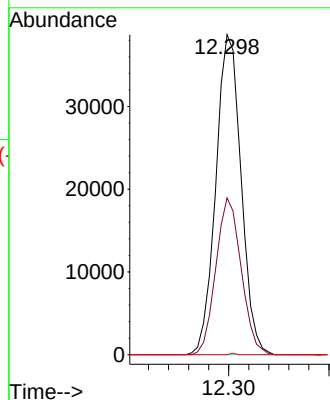
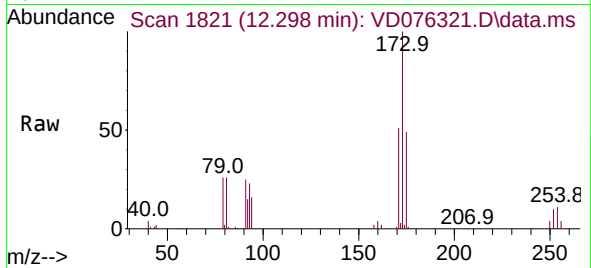




#71
Bromoform
Concen: 61.312 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD076321.D
Acq: 05 Jun 2023 11:40

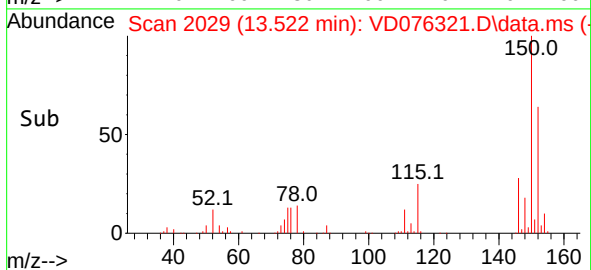
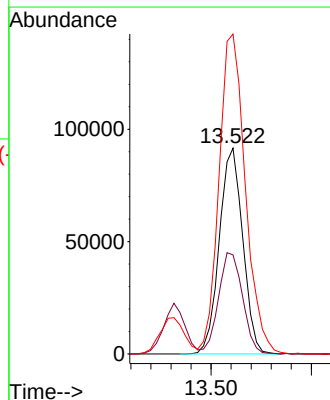
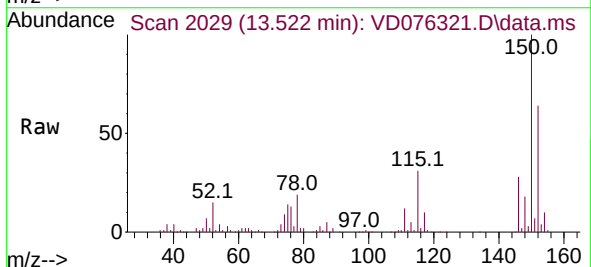
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

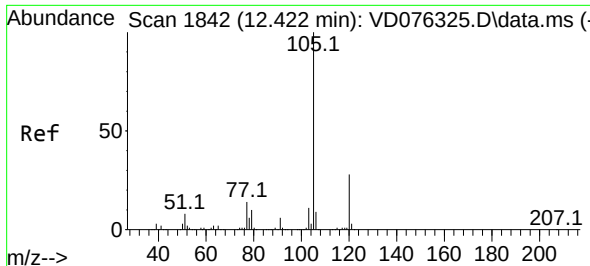
Tgt Ion:173 Resp: 67651
Ion Ratio Lower Upper
173 100
175 49.0 24.6 73.8
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD076321.D
Acq: 05 Jun 2023 11:40

Tgt Ion:152 Resp: 148518
Ion Ratio Lower Upper
152 100
115 50.7 27.1 81.3
150 174.5 0.0 353.6

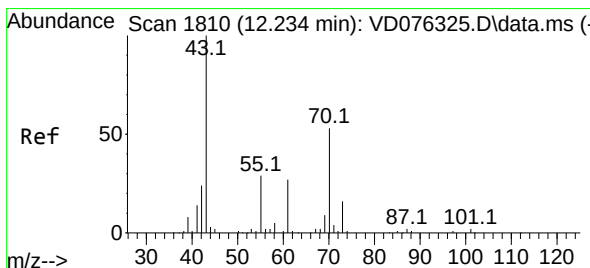
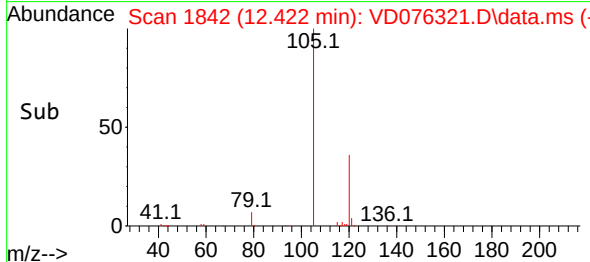
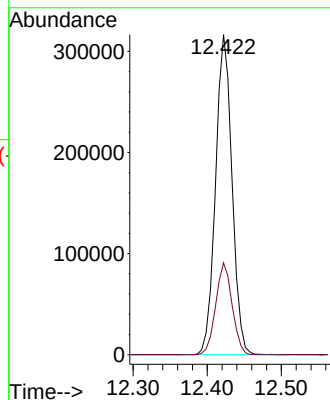
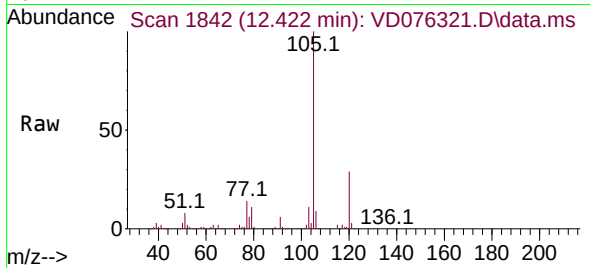




#73
Isopropylbenzene
Concen: 51.188 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD076321.D
Acq: 05 Jun 2023 11:40

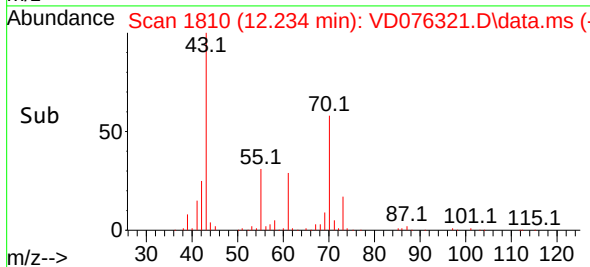
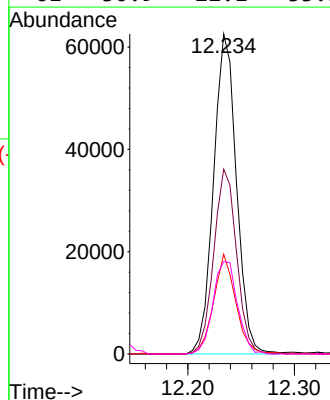
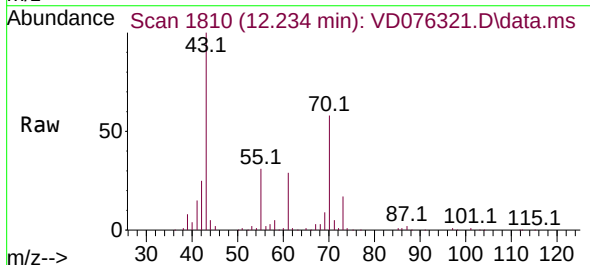
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

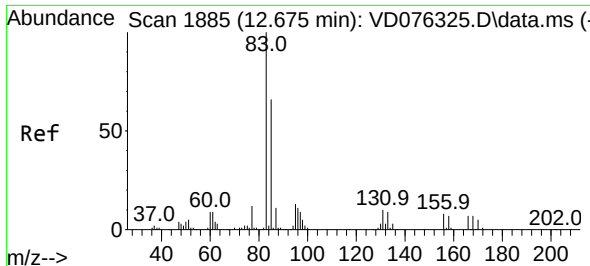
Tgt Ion:105 Resp: 486692
Ion Ratio Lower Upper
105 100
120 28.5 14.3 42.9



#74
N-ethyl acetate
Concen: 57.380 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD076321.D
Acq: 05 Jun 2023 11:40

Tgt Ion: 43 Resp: 93553
Ion Ratio Lower Upper
43 100
70 57.6 45.0 67.4
55 30.2 23.8 35.6
61 30.9 22.1 33.1

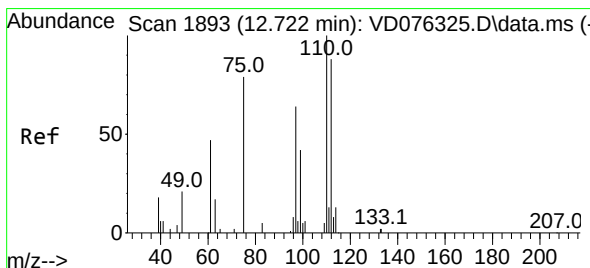
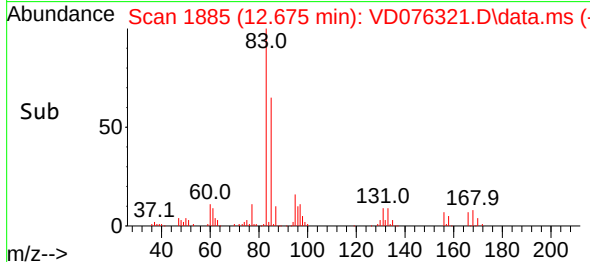
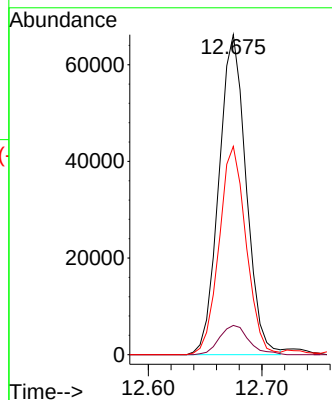
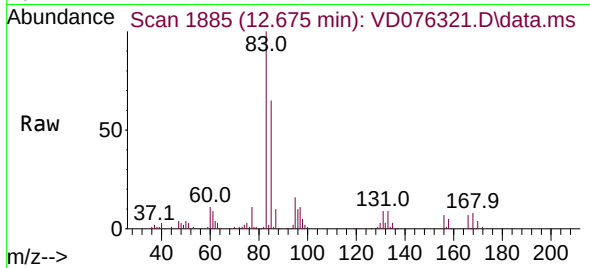




#75
 1,1,2,2-Tetrachloroethane
 Concen: 57.923 ug/l
 RT: 12.675 min Scan# 1885
 Delta R.T. -0.000 min
 Lab File: VD076321.D
 Acq: 05 Jun 2023 11:40

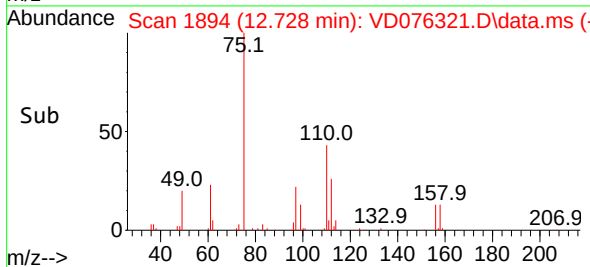
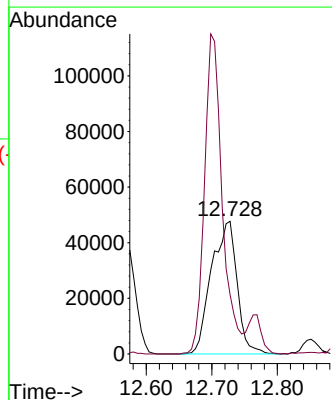
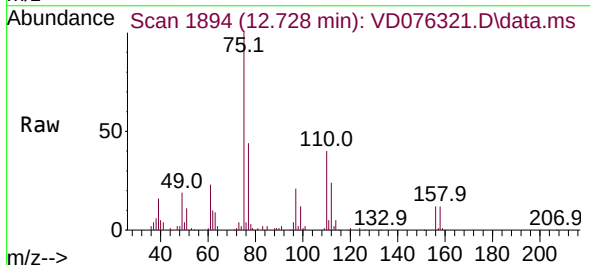
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

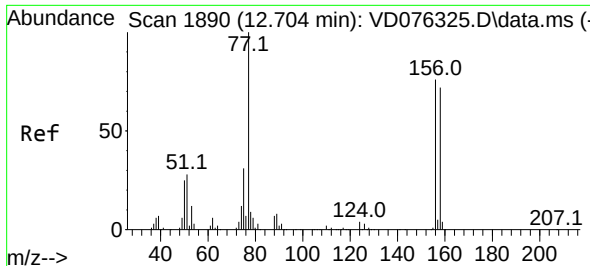
Tgt Ion: 83 Resp: 110244
 Ion Ratio Lower Upper
 83 100
 131 9.9 5.1 15.3
 85 64.6 32.6 97.8



#76
 1,2,3-Trichloropropane
 Concen: 89.925 ug/l
 RT: 12.728 min Scan# 1894
 Delta R.T. 0.006 min
 Lab File: VD076321.D
 Acq: 05 Jun 2023 11:40

Tgt Ion: 75 Resp: 129486
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

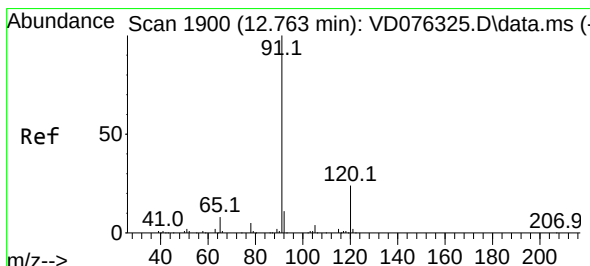
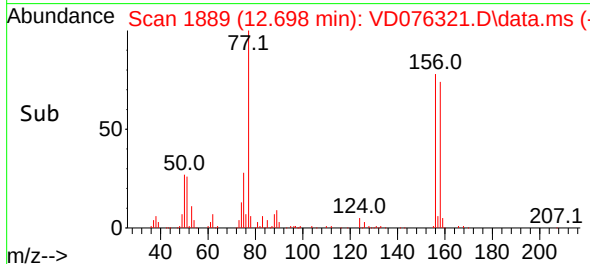
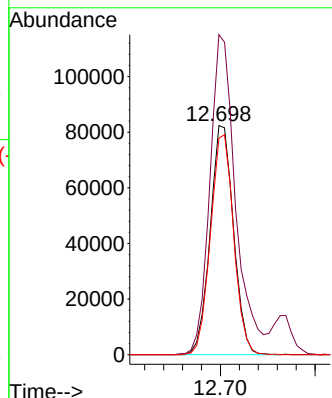
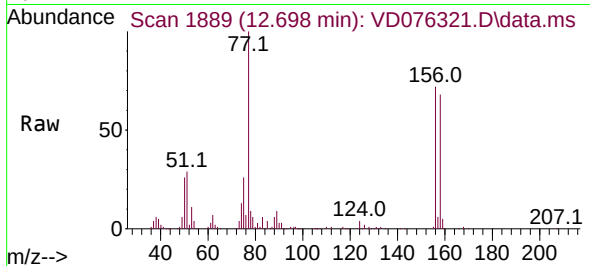




#77
Bromobenzene
Concen: 56.312 ug/l
RT: 12.698 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD076321.D
Acq: 05 Jun 2023 11:40

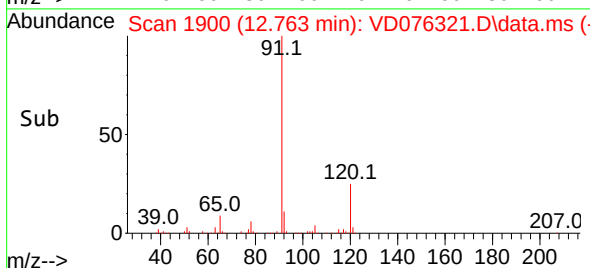
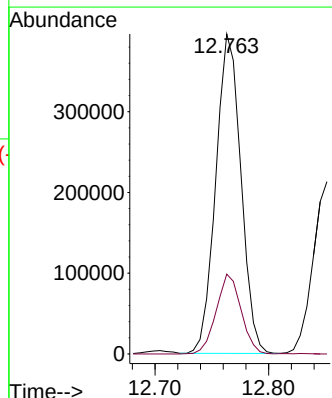
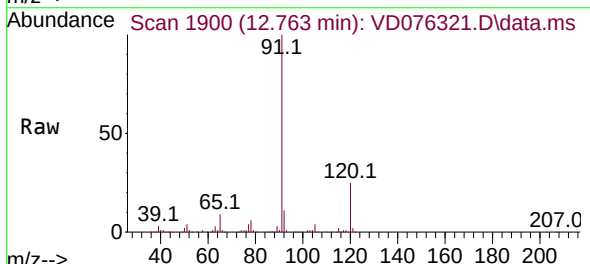
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

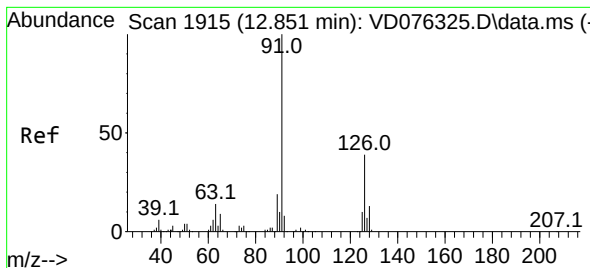
Tgt Ion:156 Resp: 140773
Ion Ratio Lower Upper
156 100
77 153.7 76.8 230.4
158 95.3 48.6 145.9



#78
n-propylbenzene
Concen: 51.682 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD076321.D
Acq: 05 Jun 2023 11:40

Tgt Ion: 91 Resp: 607519
Ion Ratio Lower Upper
91 100
120 24.7 12.4 37.2





#79

2-Chlorotoluene

Concen: 53.229 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. -0.000 min

Lab File: VD076321.D

Acq: 05 Jun 2023 11:40

Instrument :

MSVOA_D

ClientSampleId :

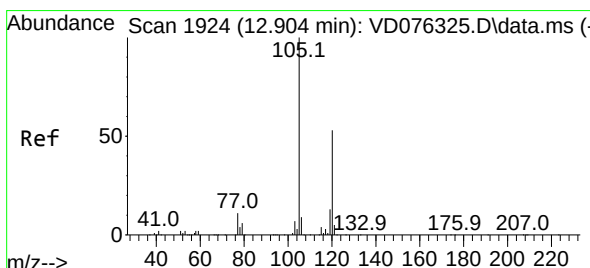
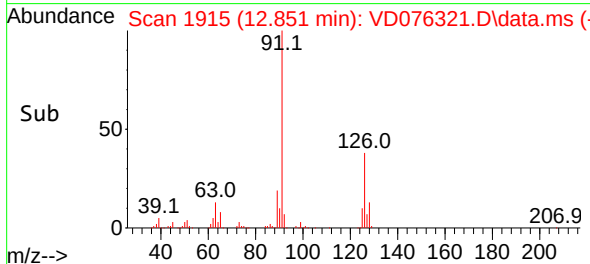
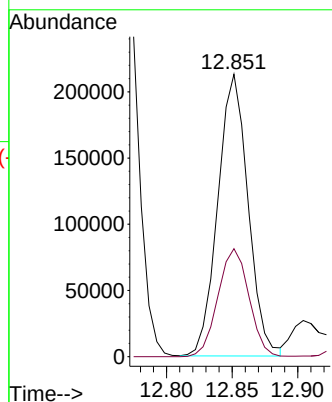
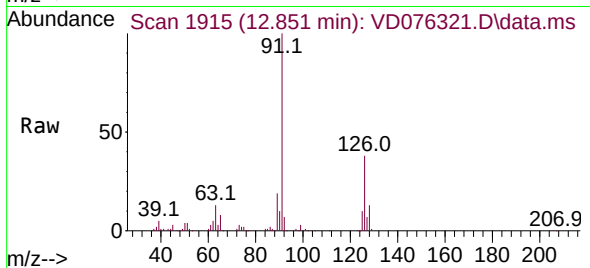
VSTDCCC050

Tgt Ion: 91 Resp: 341300

Ion Ratio Lower Upper

91 100

126 39.2 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 52.894 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. -0.000 min

Lab File: VD076321.D

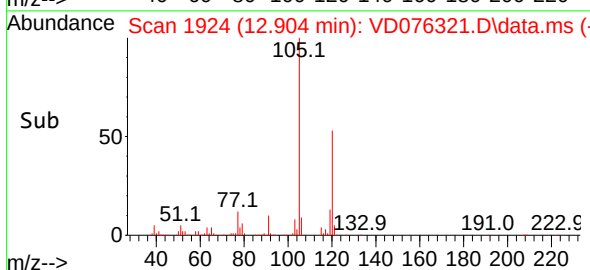
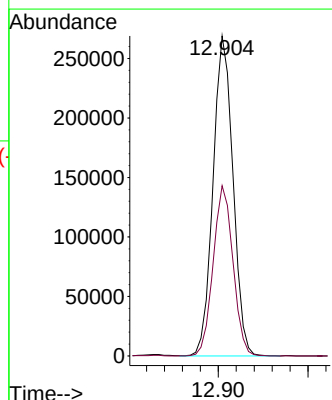
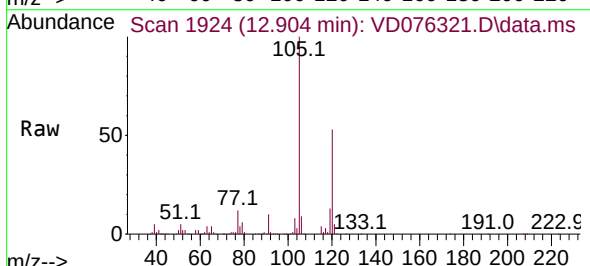
Acq: 05 Jun 2023 11:40

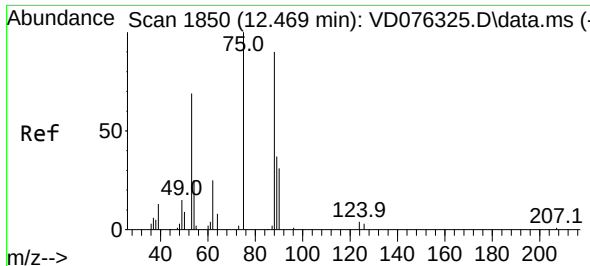
Tgt Ion: 105 Resp: 414702

Ion Ratio Lower Upper

105 100

120 52.9 26.4 79.2

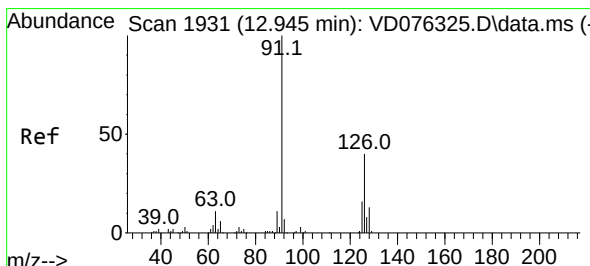
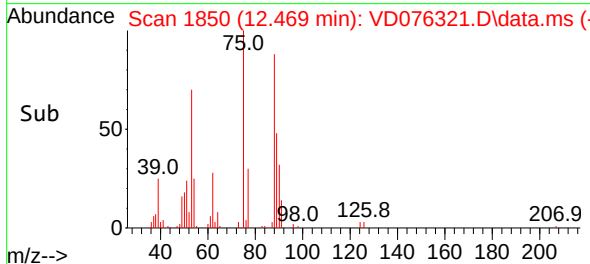
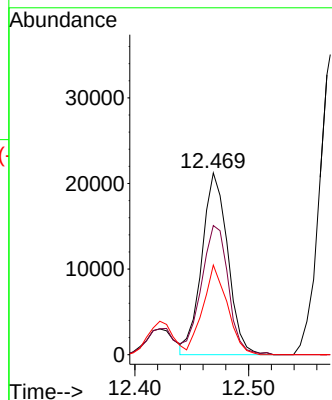
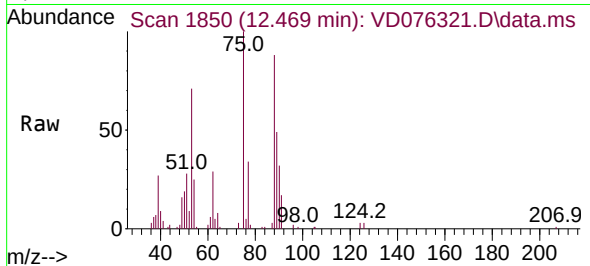




#81
trans-1,4-Dichloro-2-butene
Concen: 58.234 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD076321.D
Acq: 05 Jun 2023 11:40

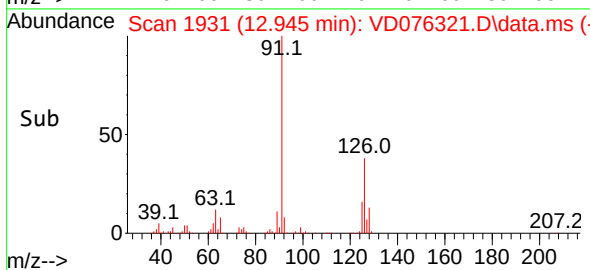
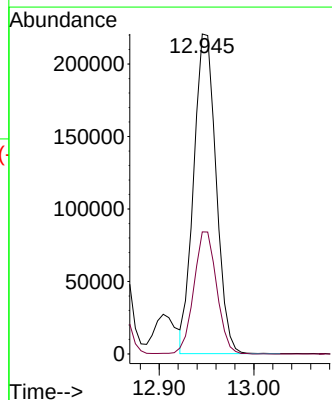
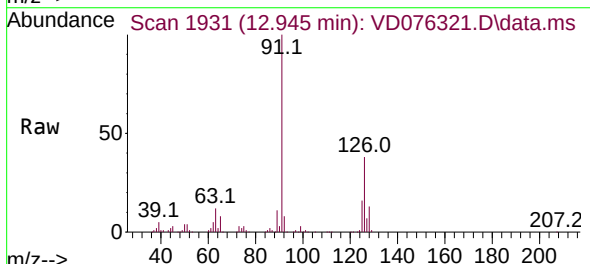
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

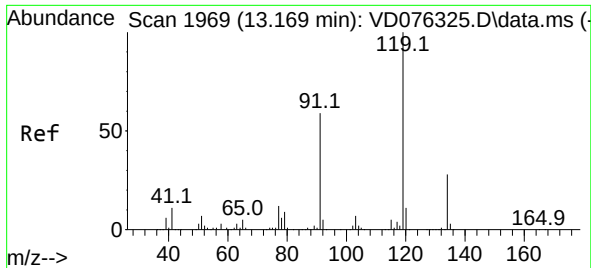
Tgt Ion: 75 Resp: 33708
Ion Ratio Lower Upper
75 100
53 74.0 63.0 94.4
89 46.2 37.9 56.9



#82
4-Chlorotoluene
Concen: 53.095 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD076321.D
Acq: 05 Jun 2023 11:40

Tgt Ion: 91 Resp: 362482
Ion Ratio Lower Upper
91 100
126 39.1 19.4 58.4

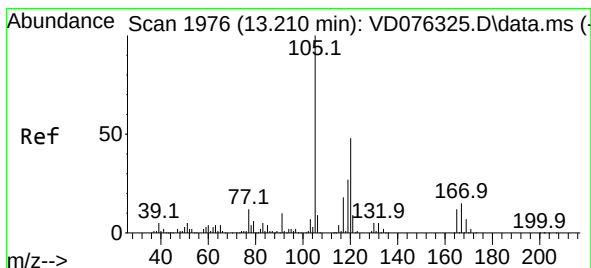
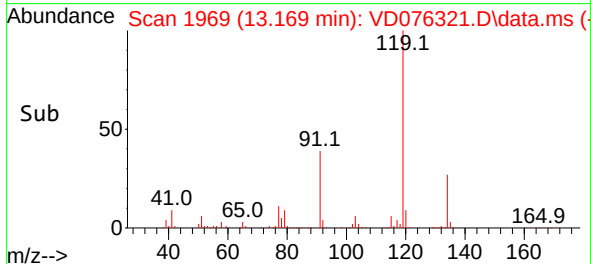
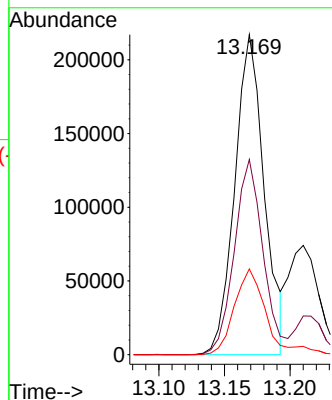
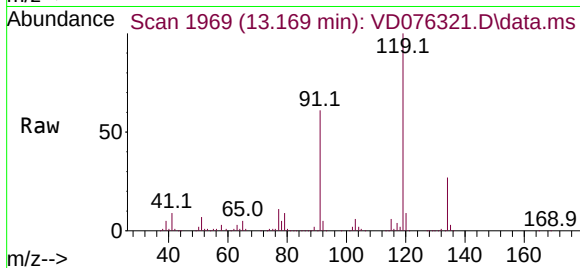




#83
tert-Butylbenzene
Concen: 51.589 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD076321.D
Acq: 05 Jun 2023 11:40

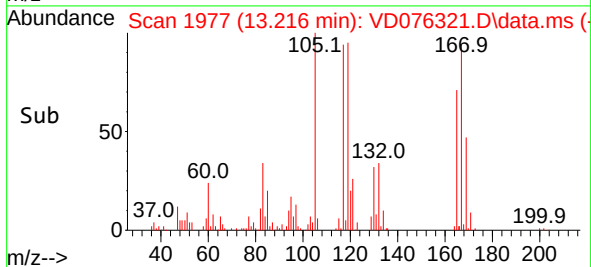
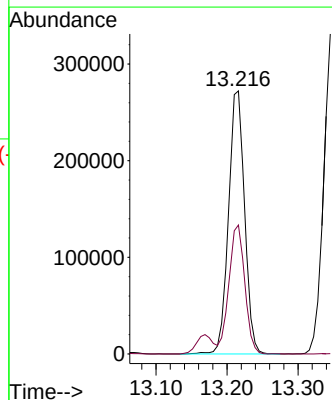
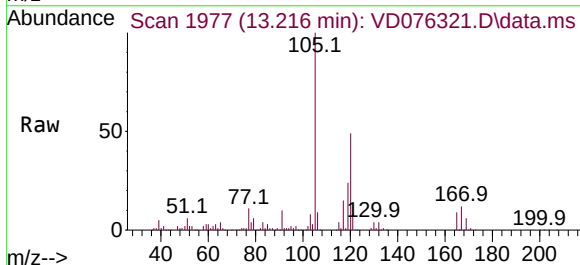
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

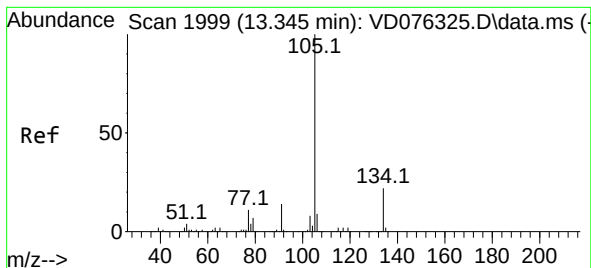
Tgt Ion:119 Resp: 339171
Ion Ratio Lower Upper
119 100
91 60.0 29.3 87.8
134 29.0 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 54.595 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. 0.006 min
Lab File: VD076321.D
Acq: 05 Jun 2023 11:40

Tgt Ion:105 Resp: 427495
Ion Ratio Lower Upper
105 100
120 48.3 24.3 72.9





#85

sec-Butylbenzene

Concen: 50.963 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VD076321.D

Acq: 05 Jun 2023 11:40

Instrument :

MSVOA_D

ClientSampleId :

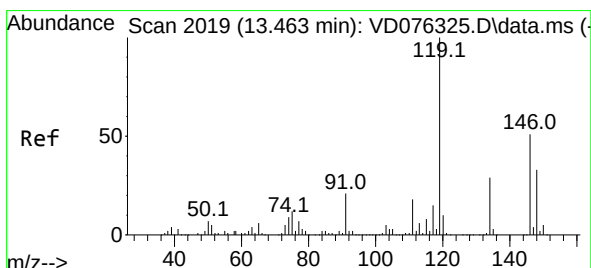
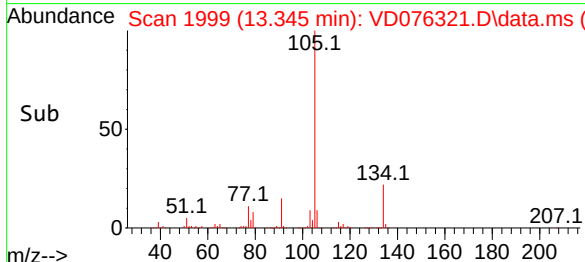
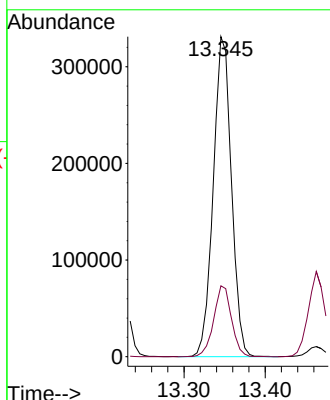
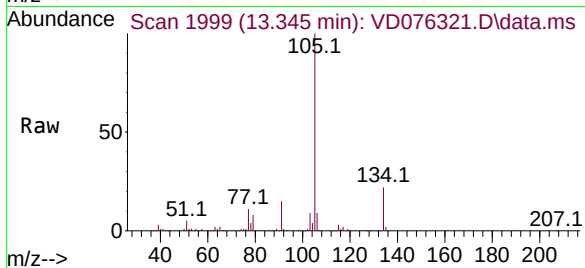
VSTDCCC050

Tgt Ion:105 Resp: 515362

Ion Ratio Lower Upper

105 100

134 21.7 10.9 32.9



#86

p-Isopropyltoluene

Concen: 52.454 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. -0.000 min

Lab File: VD076321.D

Acq: 05 Jun 2023 11:40

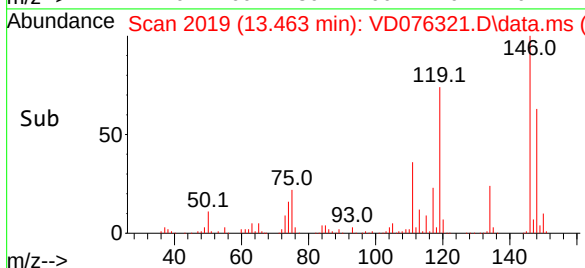
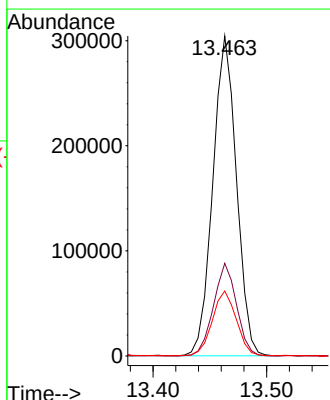
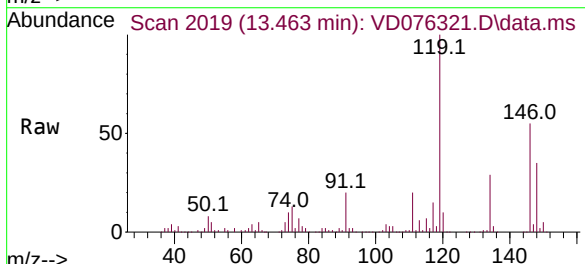
Tgt Ion:119 Resp: 439671

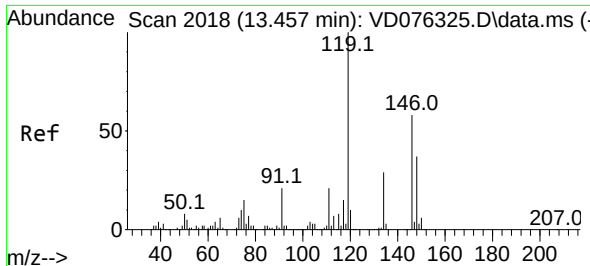
Ion Ratio Lower Upper

119 100

134 28.3 14.2 42.6

91 20.5 10.5 31.5

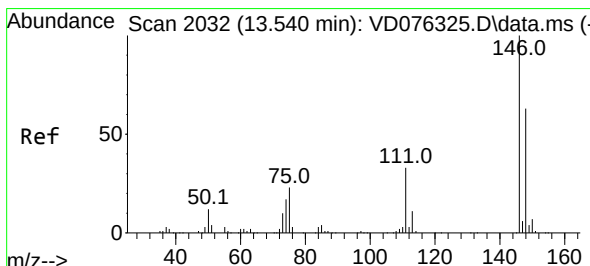
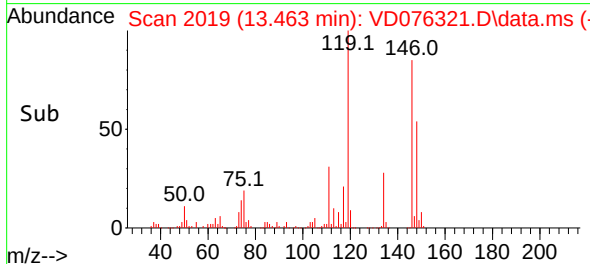
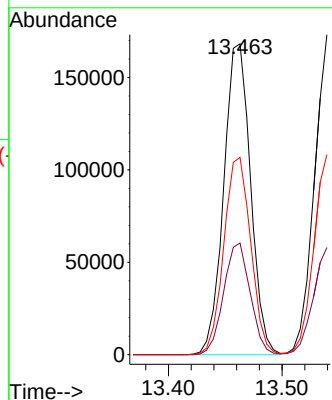
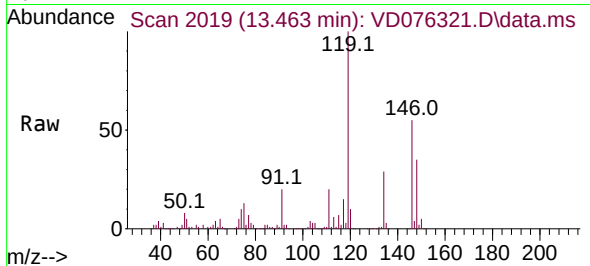




#87
1,3-Dichlorobenzene
Concen: 54.784 ug/l
RT: 13.463 min Scan# 2018
Delta R.T. 0.006 min
Lab File: VD076321.D
Acq: 05 Jun 2023 11:40

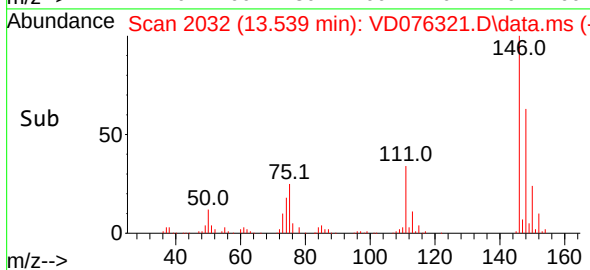
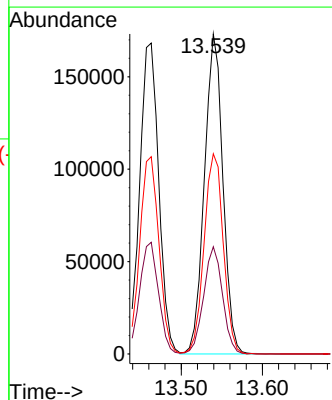
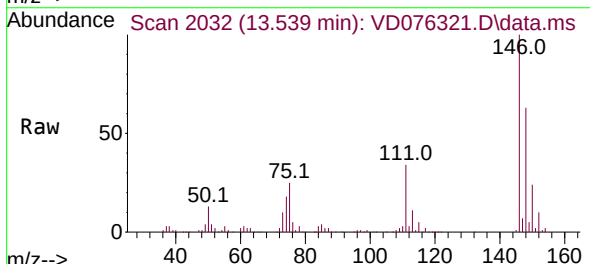
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

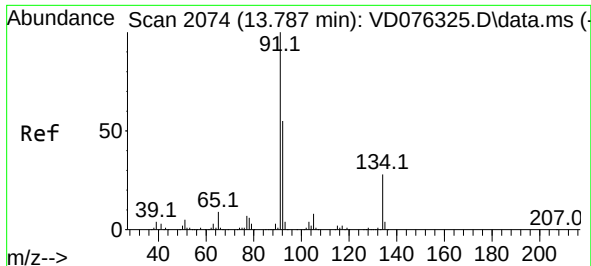
Tgt Ion:146 Resp: 276083
Ion Ratio Lower Upper
146 100
111 35.5 17.9 53.8
148 63.8 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 53.580 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD076321.D
Acq: 05 Jun 2023 11:40

Tgt Ion:146 Resp: 273395
Ion Ratio Lower Upper
146 100
111 34.3 17.4 52.3
148 65.1 31.7 95.1

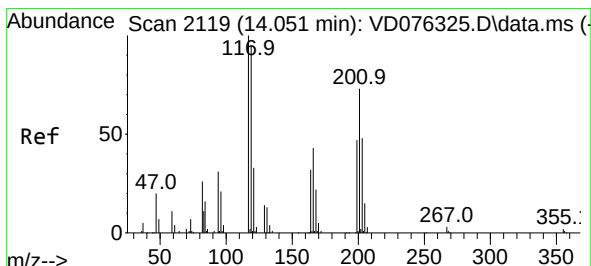
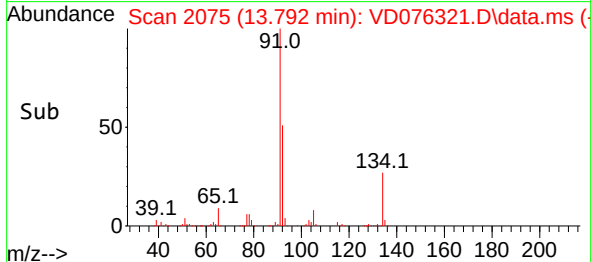
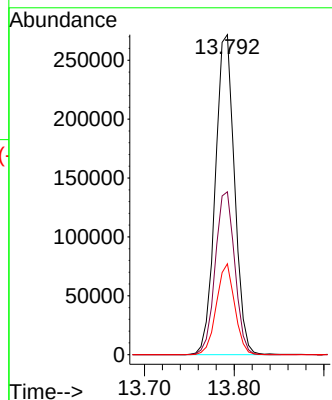
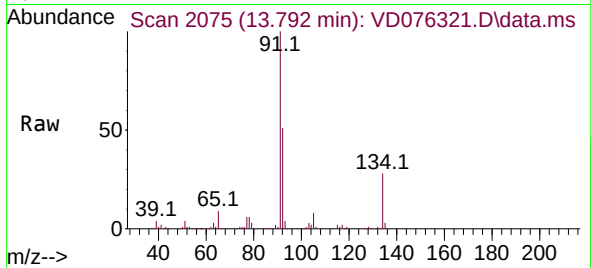




#89
n-Butylbenzene
Concen: 51.835 ug/l
RT: 13.792 min Scan# 2075
Delta R.T. 0.006 min
Lab File: VD076321.D
Acq: 05 Jun 2023 11:40

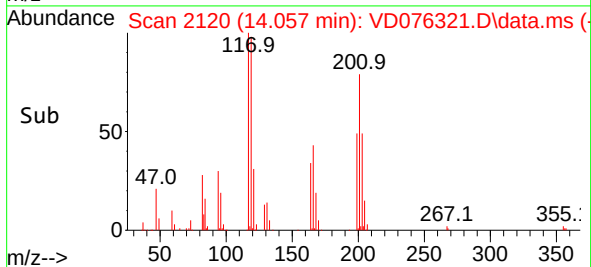
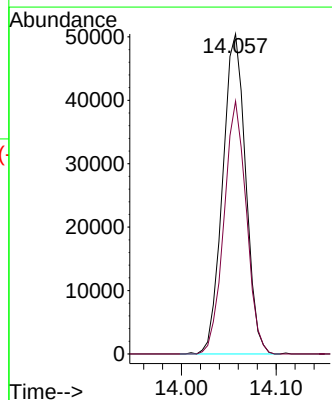
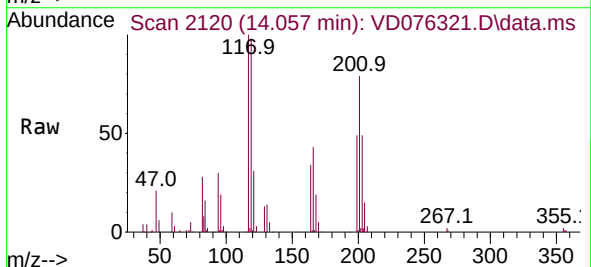
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

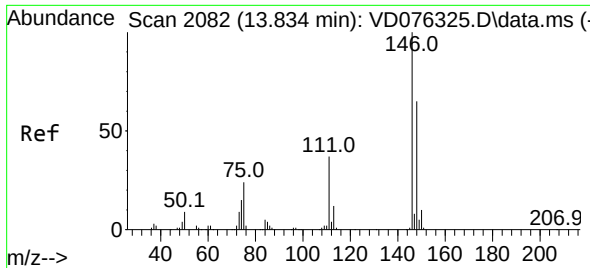
Tgt Ion: 91 Resp: 403834
Ion Ratio Lower Upper
91 100
92 51.8 26.5 79.5
134 27.2 13.8 41.3



#90
Hexachloroethane
Concen: 50.593 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.006 min
Lab File: VD076321.D
Acq: 05 Jun 2023 11:40

Tgt Ion: 117 Resp: 85145
Ion Ratio Lower Upper
117 100
201 76.6 38.5 115.5





#91

1,2-Dichlorobenzene

Concen: 56.135 ug/l

RT: 13.834 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VD076321.D

Acq: 05 Jun 2023 11:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

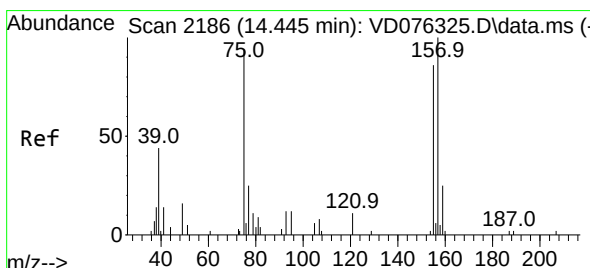
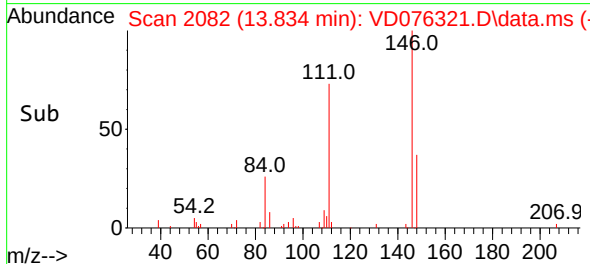
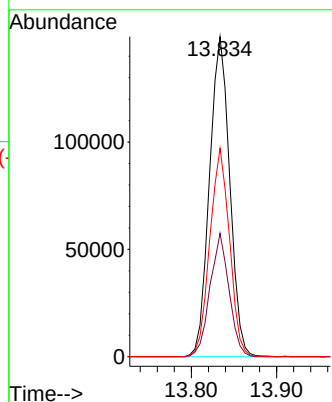
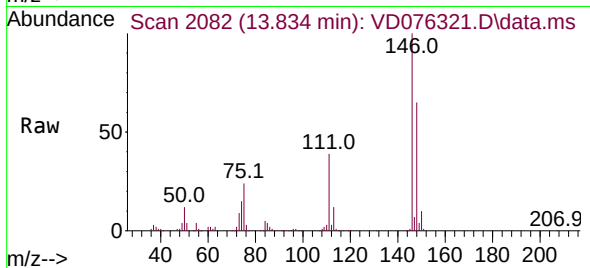
Tgt Ion:146 Resp: 245607

Ion Ratio Lower Upper

146 100

111 36.3 18.3 54.8

148 63.5 31.6 94.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 59.471 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. -0.000 min

Lab File: VD076321.D

Acq: 05 Jun 2023 11:40

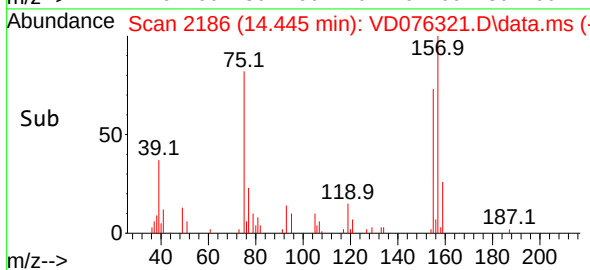
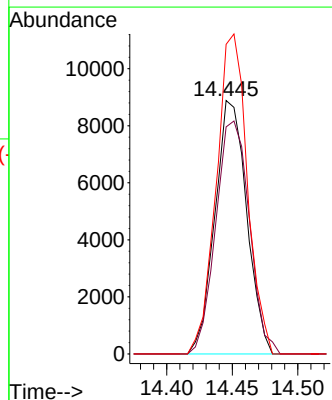
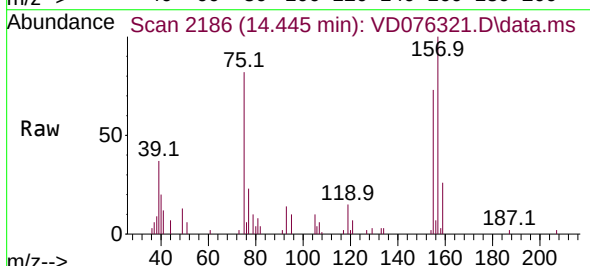
Tgt Ion: 75 Resp: 14953

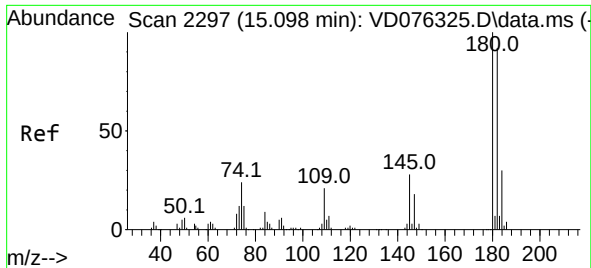
Ion Ratio Lower Upper

75 100

155 97.1 47.9 143.8

157 123.2 59.9 179.7

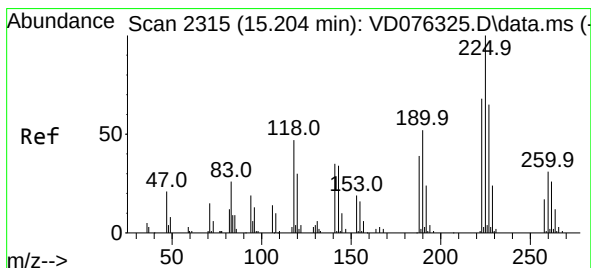
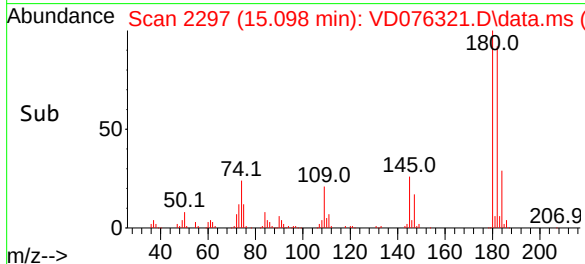
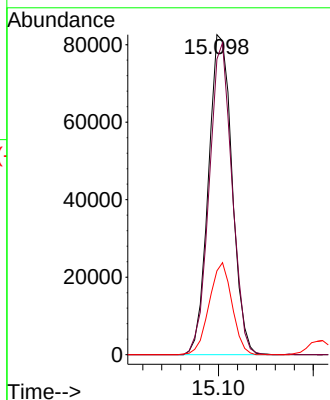
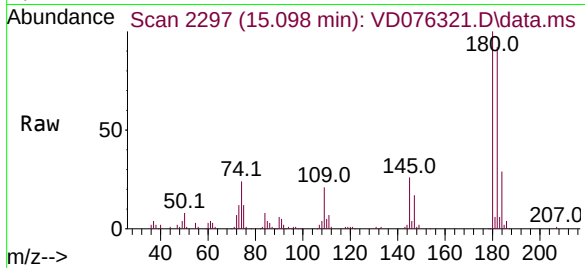




#93
 1,2,4-Trichlorobenzene
 Concen: 56.408 ug/l
 RT: 15.098 min Scan# 2297
 Delta R.T. -0.000 min
 Lab File: VD076321.D
 Acq: 05 Jun 2023 11:40

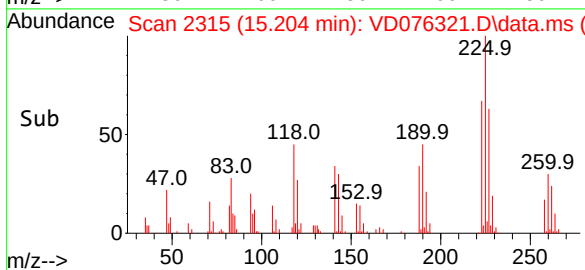
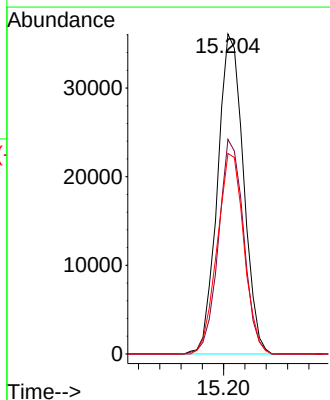
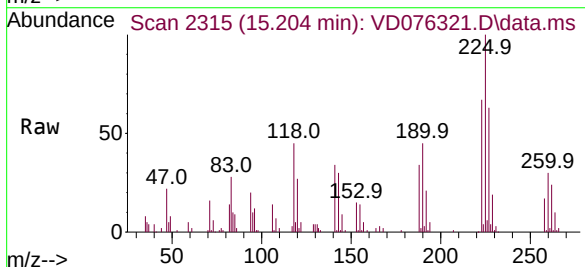
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

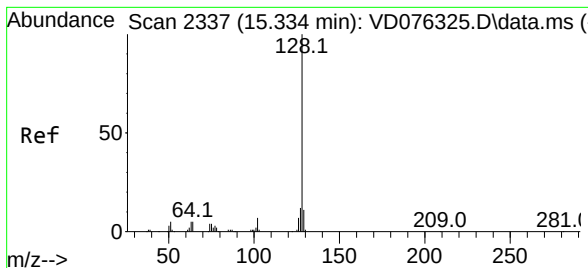
Tgt Ion:180 Resp: 143446
 Ion Ratio Lower Upper
 180 100
 182 93.9 48.5 145.6
 145 27.7 14.2 42.6



#94
 Hexachlorobutadiene
 Concen: 48.981 ug/l
 RT: 15.204 min Scan# 2315
 Delta R.T. -0.000 min
 Lab File: VD076321.D
 Acq: 05 Jun 2023 11:40

Tgt Ion:225 Resp: 60901
 Ion Ratio Lower Upper
 225 100
 223 64.9 31.6 94.8
 227 64.4 31.7 95.1





#95

Naphthalene

Concen: 54.768 ug/l

RT: 15.334 min Scan# 2337

Delta R.T. -0.000 min

Lab File: VD076321.D

Acq: 05 Jun 2023 11:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

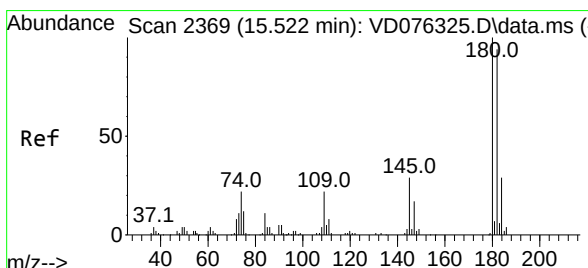
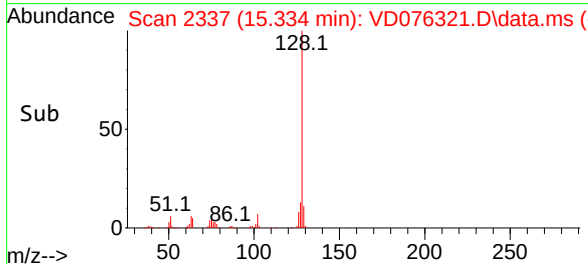
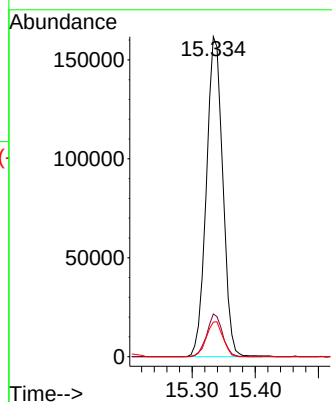
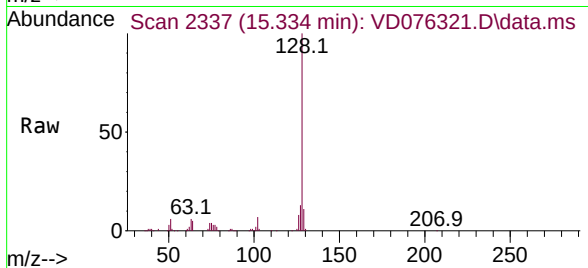
Tgt Ion:128 Resp: 292374

Ion Ratio Lower Upper

128 100

127 13.4 10.5 15.7

129 10.8 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 57.538 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. -0.000 min

Lab File: VD076321.D

Acq: 05 Jun 2023 11:40

Tgt Ion:180 Resp: 129397

Ion Ratio Lower Upper

180 100

182 94.3 47.3 141.9

145 29.2 15.1 45.3

