

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052323\
 Data File : VD076205.D
 Acq On : 23 May 2023 20:59
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 24 06:43:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 10:08:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	186939	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	316300	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	299573	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	160243	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	84862	46.970	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.940%
35) Dibromofluoromethane	7.804	113	94556	43.249	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	86.500%
50) Toluene-d8	10.269	98	375125	44.014	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	88.020%
62) 4-Bromofluorobenzene	12.575	95	105251	44.456	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	88.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	71055	42.145	ug/l	100
3) Chloromethane	2.146	50	145773	52.904	ug/l	96
4) Vinyl Chloride	2.281	62	176472	48.534	ug/l	99
5) Bromomethane	2.681	94	103251	42.178	ug/l	97
6) Chloroethane	2.828	64	121522	49.677	ug/l	93
7) Trichlorofluoromethane	3.169	101	133820	43.421	ug/l	98
8) Diethyl Ether	3.587	74	49127	48.472	ug/l	73
9) 1,1,2-Trichlorotrifluo...	3.963	101	90321	44.492	ug/l	94
10) Methyl Iodide	4.158	142	102893	48.747	ug/l	90
11) Tert butyl alcohol	5.058	59	27109	283.650	ug/l #	100
12) 1,1-Dichloroethene	3.934	96	88223	43.666	ug/l	94
13) Acrolein	3.799	56	43750	187.041	ug/l	94
14) Allyl chloride	4.558	41	94614	46.142	ug/l #	79
15) Acrylonitrile	5.252	53	117754	280.603	ug/l	97
16) Acetone	4.016	43	76340	212.369	ug/l #	83
17) Carbon Disulfide	4.263	76	238925	43.318	ug/l	98
18) Methyl Acetate	4.563	43	71431	55.706	ug/l #	78
19) Methyl tert-butyl Ether	5.316	73	200109	50.602	ug/l	99
20) Methylene Chloride	4.799	84	128567	43.949	ug/l #	79
21) trans-1,2-Dichloroethene	5.310	96	103678	44.524	ug/l #	82
22) Diisopropyl ether	6.216	45	240942	50.623	ug/l #	89
23) Vinyl Acetate	6.152	43	588474	314.455	ug/l #	92
24) 1,1-Dichloroethane	6.110	63	177242	47.219	ug/l	96
25) 2-Butanone	7.081	43	118924	263.115	ug/l #	77
26) 2,2-Dichloropropane	7.075	77	135286	44.201	ug/l	92
27) cis-1,2-Dichloroethene	7.081	96	120479	46.625	ug/l	84
28) Bromochloromethane	7.422	49	62756	50.141	ug/l #	69
29) Tetrahydrofuran	7.440	42	75797	287.716	ug/l #	65
30) Chloroform	7.593	83	189813	47.287	ug/l	98
31) Cyclohexane	7.875	56	124159	44.871	ug/l #	82
32) 1,1,1-Trichloroethane	7.793	97	145460	45.471	ug/l	98
36) 1,1-Dichloropropene	8.010	75	133305	45.146	ug/l	95
37) Ethyl Acetate	7.169	43	55989	54.758	ug/l #	81
38) Carbon Tetrachloride	7.987	117	115046	43.135	ug/l	93
39) Methylcyclohexane	9.275	83	148011	43.539	ug/l	95
40) Benzene	8.251	78	426336	44.910	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	29169	52.027	ug/l #	68
42) 1,2-Dichloroethane	8.328	62	104774	46.662	ug/l	93
43) Isopropyl Acetate	8.363	43	96154	50.342	ug/l #	84
44) Trichloroethene	9.028	130	111693	41.749	ug/l	90
45) 1,2-Dichloropropane	9.304	63	107220	45.790	ug/l	92
46) Dibromomethane	9.393	93	60867	46.374	ug/l	97
47) Bromodichloromethane	9.581	83	143066	45.354	ug/l	96
48) Methyl methacrylate	9.381	41	42405	50.163	ug/l #	61
49) 1,4-Dioxane	9.381	88	15901	1132.913	ug/l #	81
51) 4-Methyl-2-Pentanone	10.157	43	279085	274.734	ug/l #	81
52) Toluene	10.334	92	272511	45.962	ug/l	95
53) t-1,3-Dichloropropene	10.551	75	133390	46.918	ug/l	96
54) cis-1,3-Dichloropropene	10.016	75	160194	46.171	ug/l #	76
55) 1,1,2-Trichloroethane	10.734	97	91108	48.405	ug/l	94
56) Ethyl methacrylate	10.598	69	97965	51.782	ug/l #	68
57) 1,3-Dichloropropane	10.881	76	142267	48.178	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	241244	265.768	ug/l	93
59) 2-Hexanone	10.922	43	190765	266.284	ug/l	75
60) Dibromochloromethane	11.075	129	99289	46.915	ug/l	99
61) 1,2-Dibromoethane	11.181	107	82796	49.451	ug/l	98
64) Tetrachloroethene	10.810	164	90601	39.330	ug/l	93
65) Chlorobenzene	11.604	112	295704	43.358	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	103159	43.953	ug/l	96
67) Ethyl Benzene	11.687	91	495061	45.428	ug/l	96
68) m/p-Xylenes	11.792	106	412658	92.650	ug/l	90
69) o-Xylene	12.122	106	189059	46.520	ug/l	89
70) Styrene	12.134	104	338291	48.011	ug/l	94
71) Bromoform	12.298	173	60778	46.038	ug/l #	100
73) Isopropylbenzene	12.422	105	470989	44.432	ug/l	97
74) N-amyl acetate	12.234	43	90544	47.955	ug/l #	77
75) 1,1,2,2-Tetrachloroethane	12.675	83	109800	48.195	ug/l	95
76) 1,2,3-Trichloropropane	12.722	75	120726	86.094	ug/l #	100
77) Bromobenzene	12.704	156	118561	41.730	ug/l	94
78) n-propylbenzene	12.763	91	593657	44.993	ug/l	98
79) 2-Chlorotoluene	12.851	91	319301	43.725	ug/l	92
80) 1,3,5-Trimethylbenzene	12.904	105	392775	44.697	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.469	75	32586	48.750	ug/l #	69
82) 4-Chlorotoluene	12.945	91	336327	43.300	ug/l	93
83) tert-Butylbenzene	13.169	119	336499	45.311	ug/l	93
84) 1,2,4-Trimethylbenzene	13.210	105	396538	45.311	ug/l	94
85) sec-Butylbenzene	13.345	105	527930	45.614	ug/l	98
86) p-Isopropyltoluene	13.463	119	428043	45.198	ug/l	94
87) 1,3-Dichlorobenzene	13.457	146	248336	43.230	ug/l	97
88) 1,4-Dichlorobenzene	13.539	146	244807	43.039	ug/l	97
89) n-Butylbenzene	13.786	91	390738	43.782	ug/l	99
90) Hexachloroethane	14.057	117	82378	42.289	ug/l	99
91) 1,2-Dichlorobenzene	13.828	146	218780	43.398	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.451	75	13811	46.688	ug/l	80
93) 1,2,4-Trichlorobenzene	15.098	180	113925	38.851	ug/l	99
94) Hexachlorobutadiene	15.204	225	54176	36.235	ug/l	98
95) Naphthalene	15.333	128	254576	46.724	ug/l	100
96) 1,2,3-Trichlorobenzene	15.522	180	108273	40.599	ug/l	97

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QLast Update : Tue May 16 10:08:53 2023
Response via : Initial Calibration

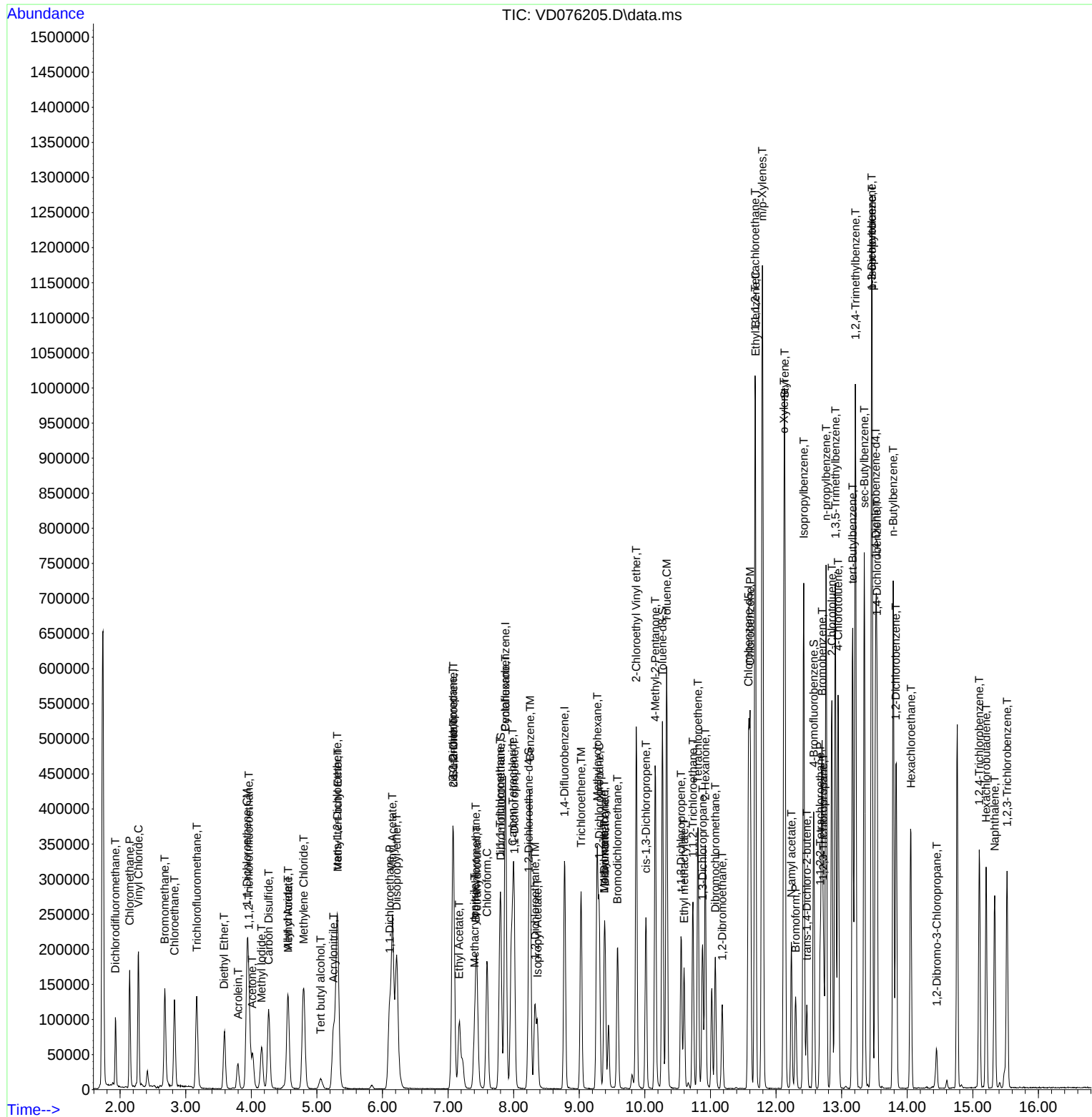
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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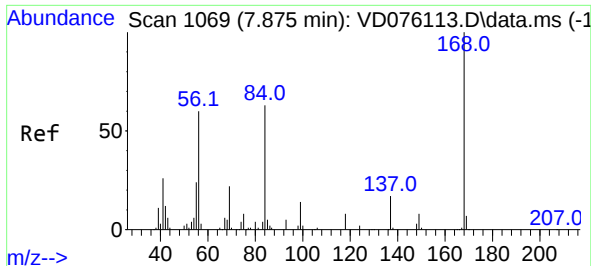
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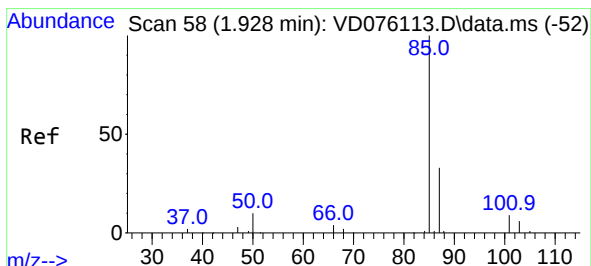
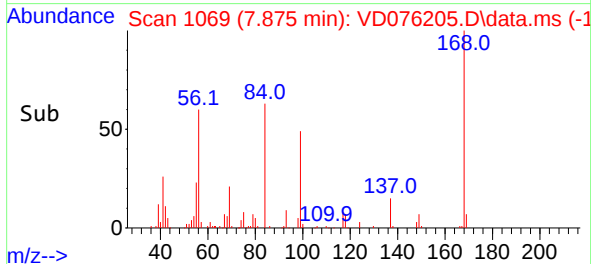
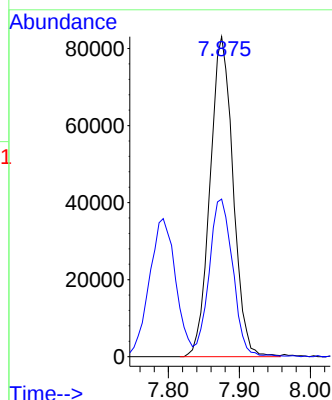
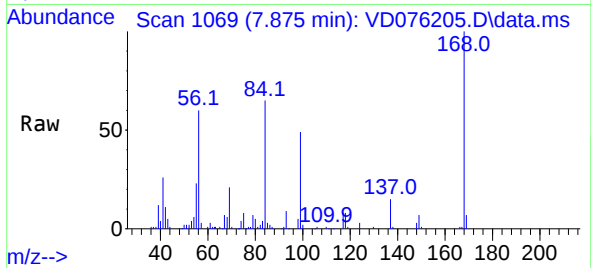




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076205.D
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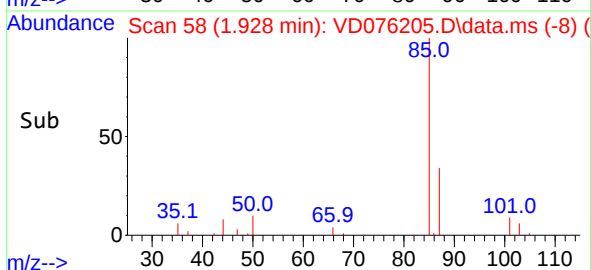
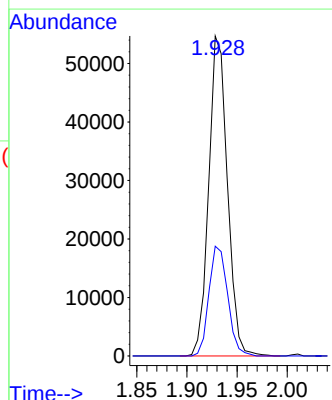
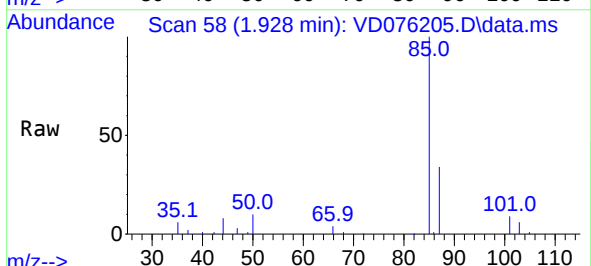
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

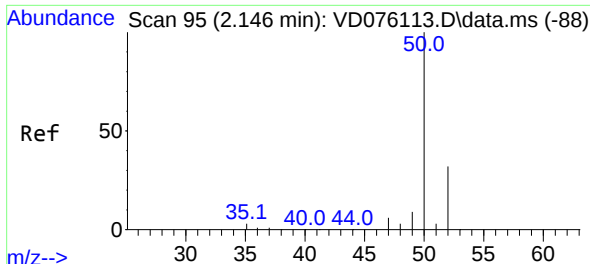
Tgt Ion:168 Resp: 186939
Ion Ratio Lower Upper
168 100
99 49.0 43.8 65.6



#2
Dichlorodifluoromethane
Concen: 42.145 ug/l
RT: 1.928 min Scan# 58
Delta R.T. -0.006 min
Lab File: VD076205.D
Acq: 23 May 2023 20:59

Tgt Ion: 85 Resp: 71055
Ion Ratio Lower Upper
85 100
87 34.3 17.3 51.7

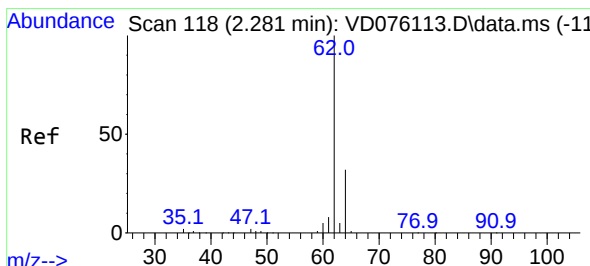
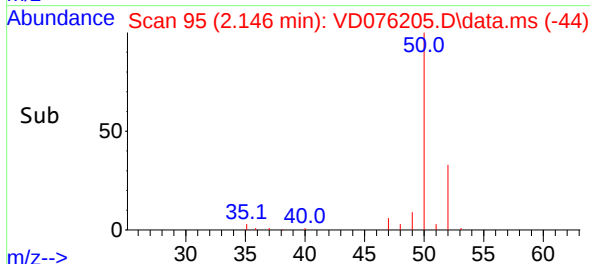
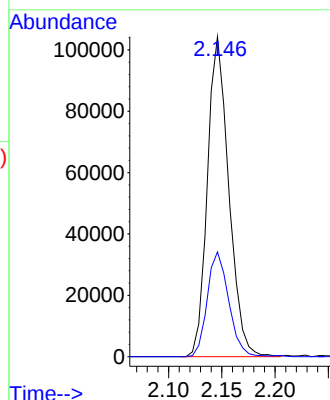
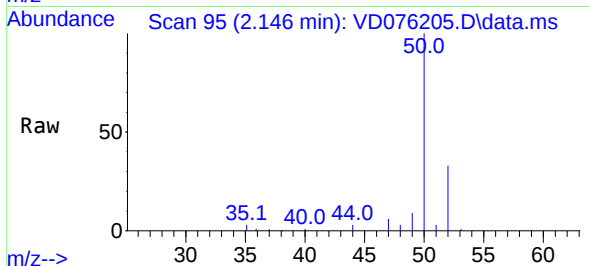




#3
Chloromethane
Concen: 52.904 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076205.D
Acq: 23 May 2023 20:59

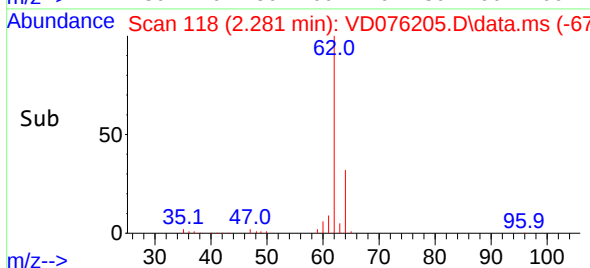
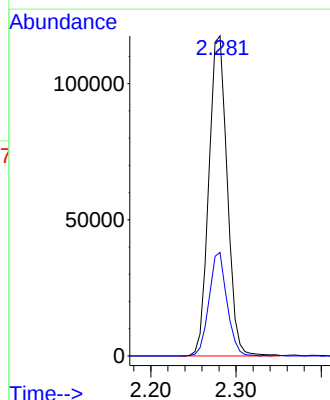
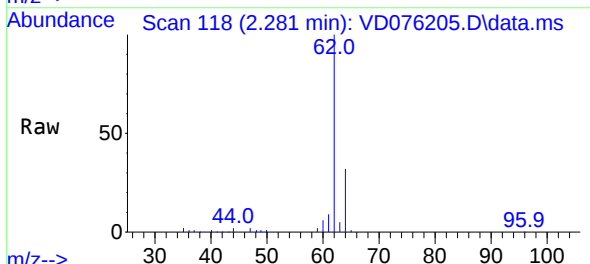
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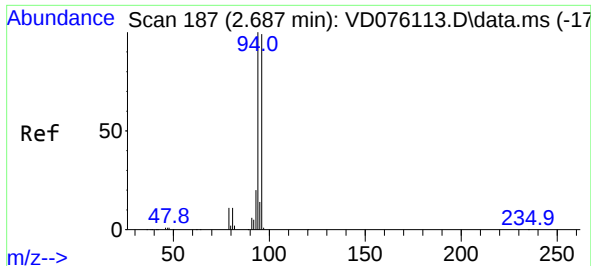
Tgt Ion: 50 Resp: 145773
Ion Ratio Lower Upper
50 100
52 32.8 27.8 41.8



#4
Vinyl Chloride
Concen: 48.534 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD076205.D
Acq: 23 May 2023 20:59

Tgt Ion: 62 Resp: 176472
Ion Ratio Lower Upper
62 100
64 32.3 25.4 38.0

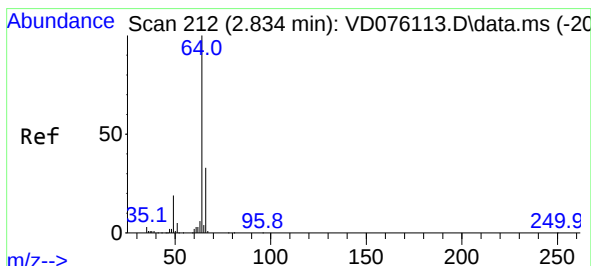
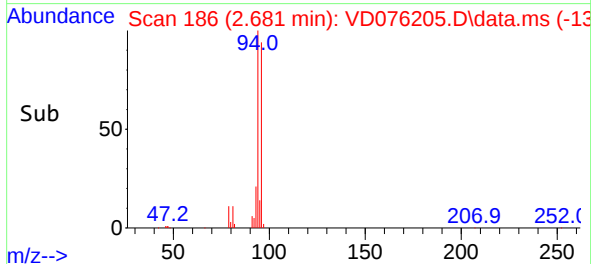
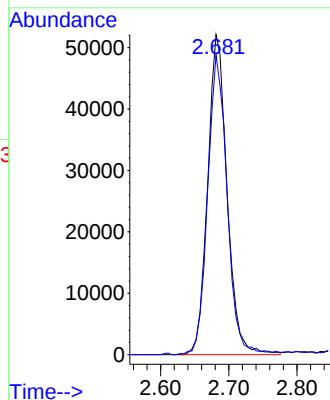
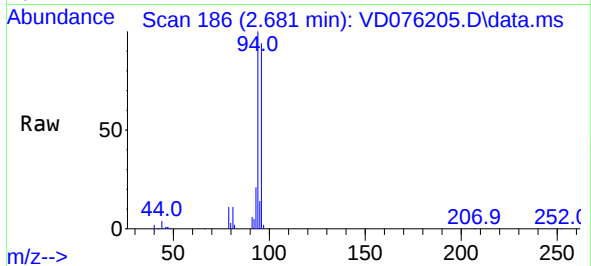




#5
Bromomethane
Concen: 42.178 ug/l
RT: 2.681 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD076205.D
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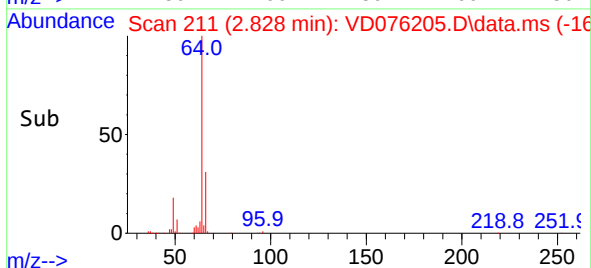
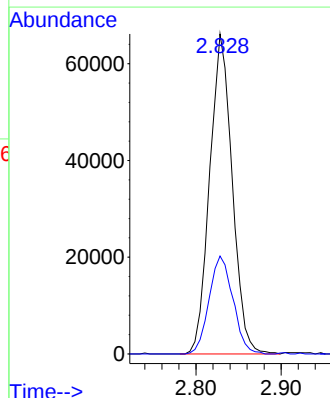
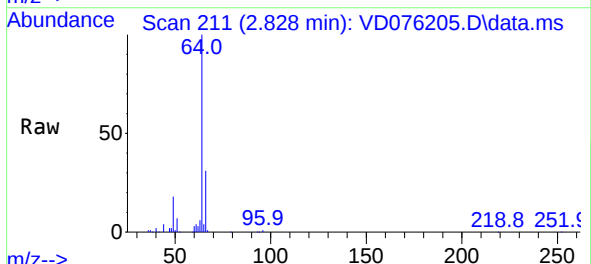
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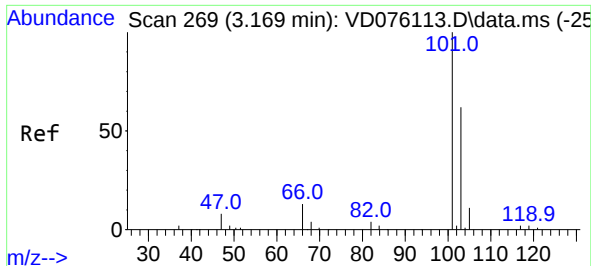
Tgt Ion: 94 Resp: 103251
Ion Ratio Lower Upper
94 100
96 94.4 77.5 116.3



#6
Chloroethane
Concen: 49.677 ug/l
RT: 2.828 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD076205.D
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Tgt Ion: 64 Resp: 121522
Ion Ratio Lower Upper
64 100
66 30.6 27.7 41.5

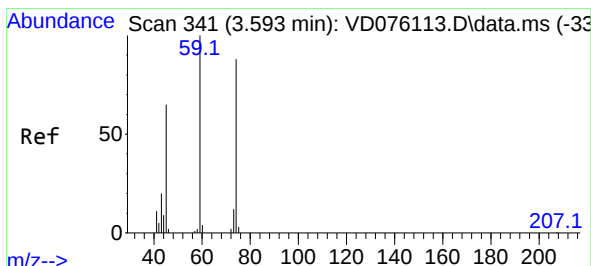
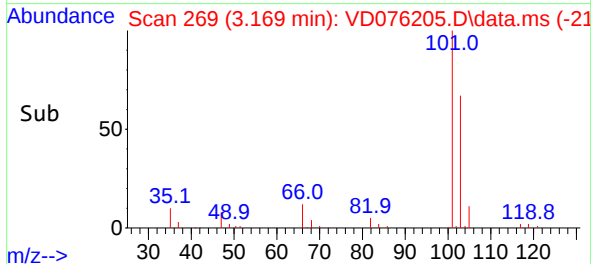
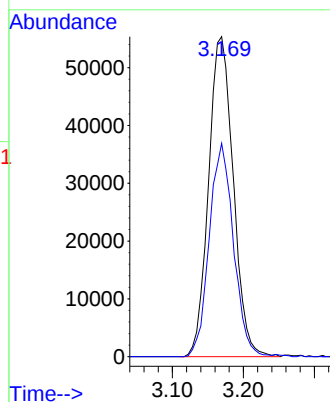
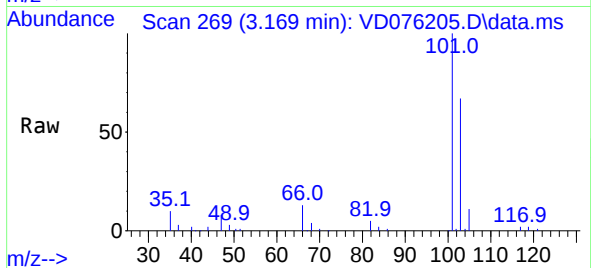




#7
Trichlorofluoromethane
Concen: 43.421 ug/l
RT: 3.169 min Scan# 20
Delta R.T. 0.000 min
Lab File: VD076205.D
Acq: 23 May 2023 20:59

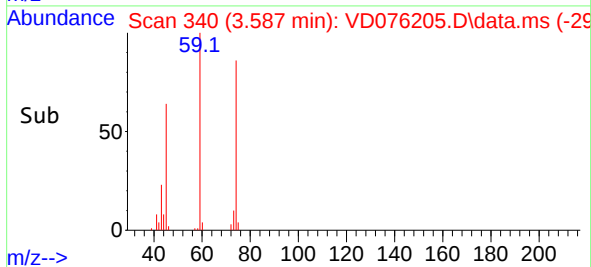
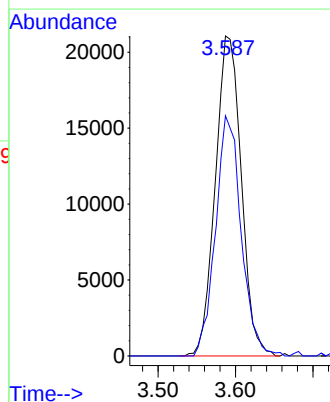
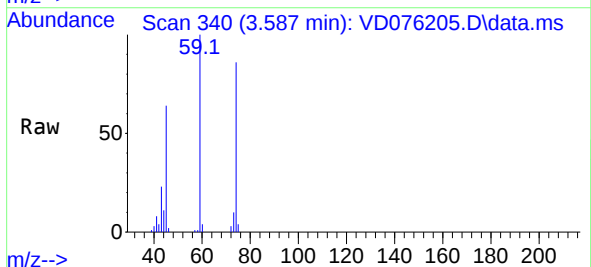
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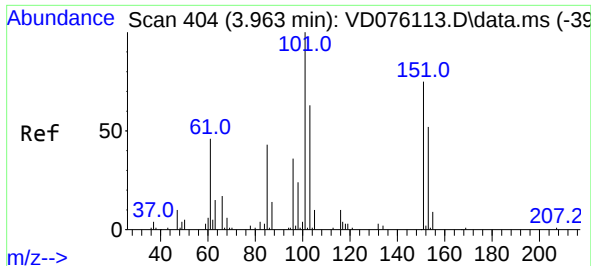
Tgt Ion:101 Resp: 133820
Ion Ratio Lower Upper
101 100
103 66.7 51.9 77.9



#8
Diethyl Ether
Concen: 48.472 ug/l
RT: 3.587 min Scan# 340
Delta R.T. -0.006 min
Lab File: VD076205.D
Acq: 23 May 2023 20:59

Tgt Ion: 74 Resp: 49127
Ion Ratio Lower Upper
74 100
45 74.1 50.9 152.7

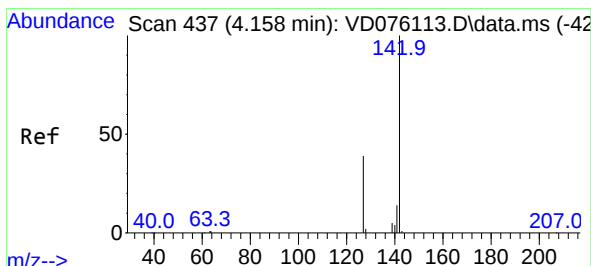
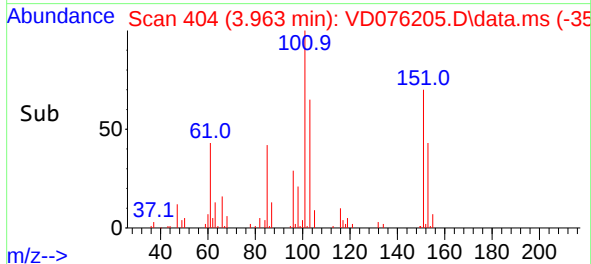
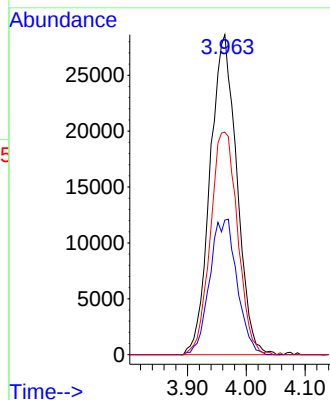
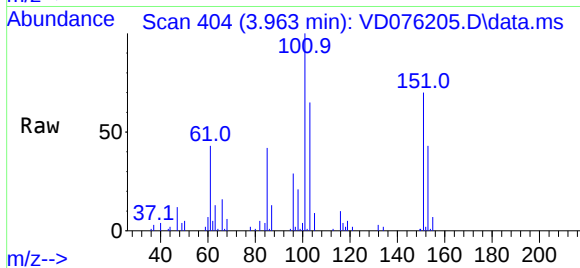




#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.492 ug/l
RT: 3.963 min Scan# 404
Delta R.T. -0.001 min
Lab File: VD076205.D
Acq: 23 May 2023 20:59

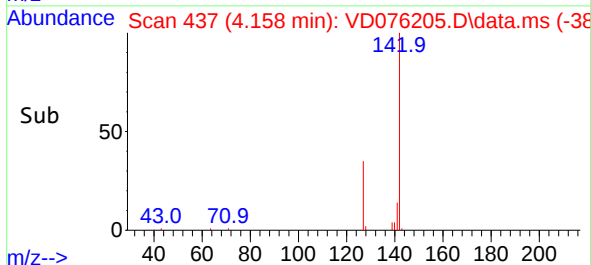
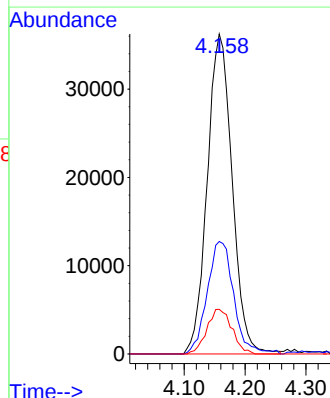
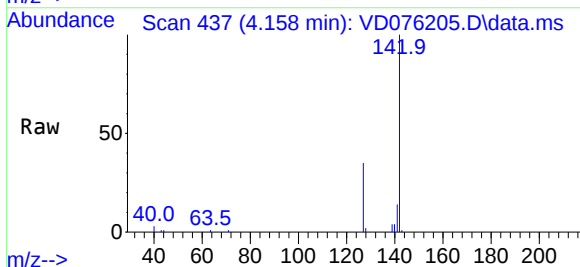
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

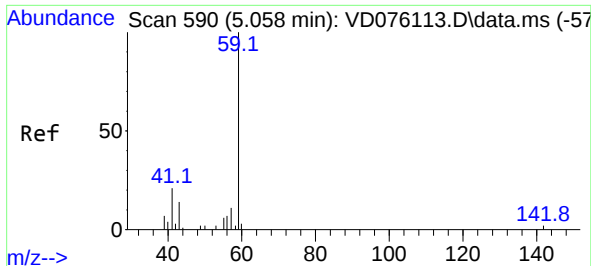
Tgt Ion:101 Resp: 90321
Ion Ratio Lower Upper
101 100
85 43.5 38.3 57.5
151 71.0 60.4 90.6



#10
Methyl Iodide
Concen: 48.747 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.006 min
Lab File: VD076205.D
Acq: 23 May 2023 20:59

Tgt Ion:142 Resp: 102893
Ion Ratio Lower Upper
142 100
127 37.4 37.1 55.7
141 14.0 11.3 16.9





#11

Tert butyl alcohol

Concen: 283.650 ug/l

RT: 5.058 min Scan# 590

Delta R.T. 0.006 min

Lab File: VD076205.D

Acq: 23 May 2023 20:59

Instrument :

MSVOA_D

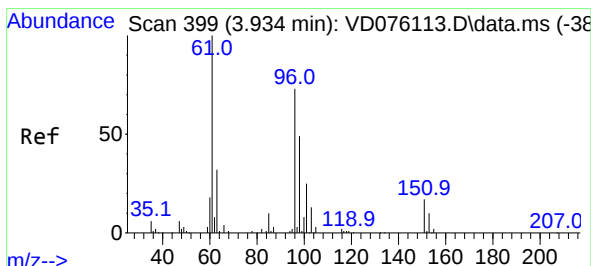
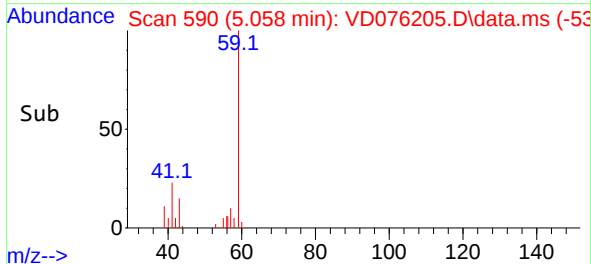
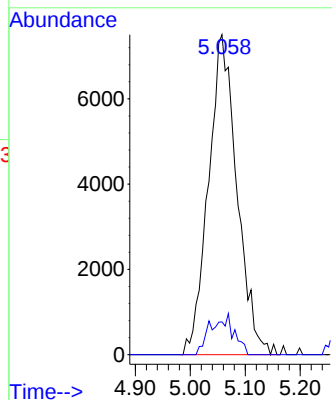
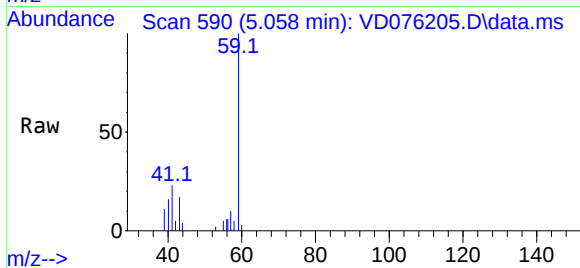
ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 27109

Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
59	100		
57	0.0	0.0	0.0



#12

1,1-Dichloroethene

Concen: 43.666 ug/l

RT: 3.934 min Scan# 399

Delta R.T. -0.006 min

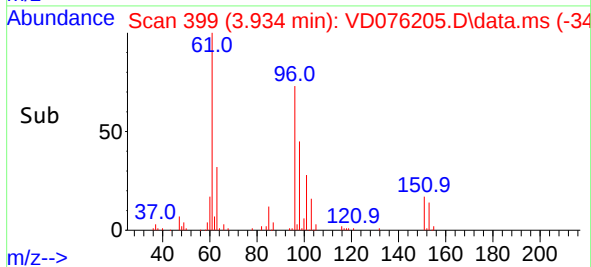
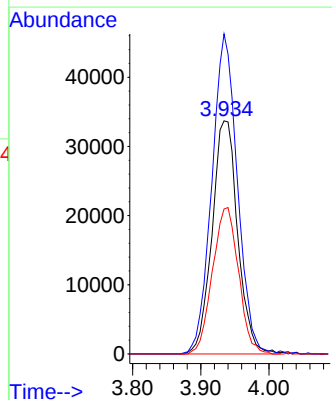
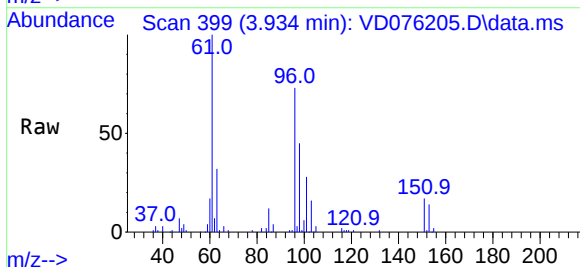
Lab File: VD076205.D

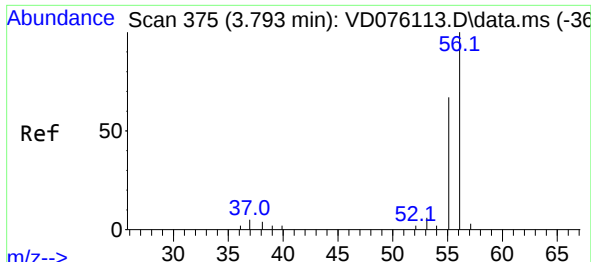
Acq: 23 May 2023 20:59

Tgt Ion: 96 Resp: 88223

Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
96	100		
61	137.2	118.6	177.8
98	62.2	49.7	74.5

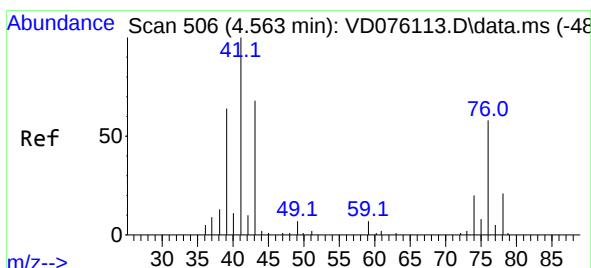
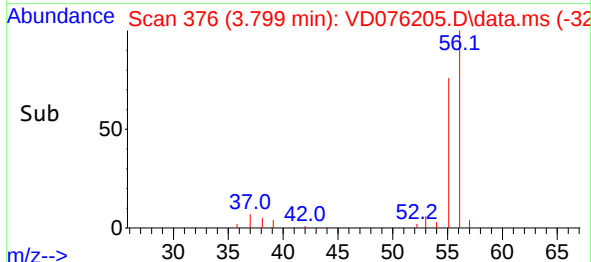
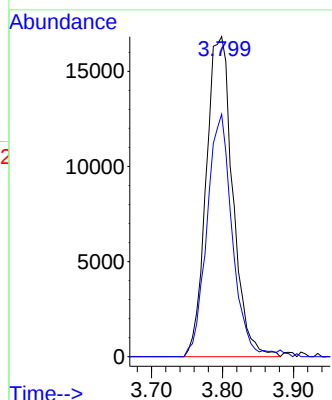
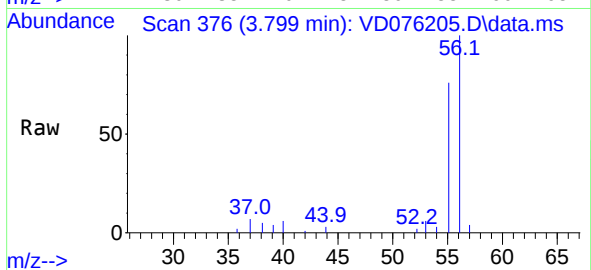




#13
Acrolein
Concen: 187.041 ug/l
RT: 3.799 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD076205.D
Acq: 23 May 2023 20:59

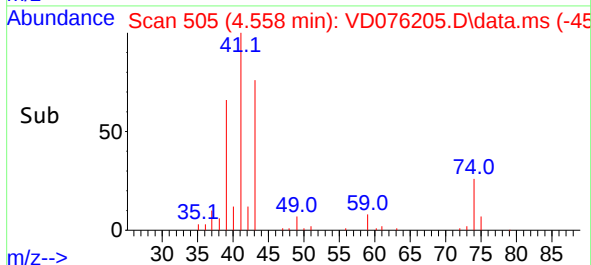
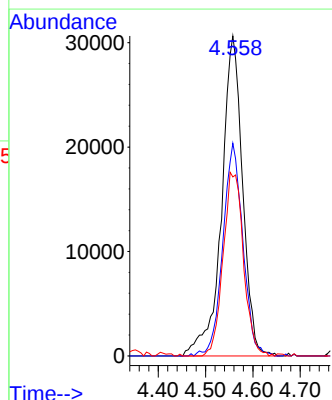
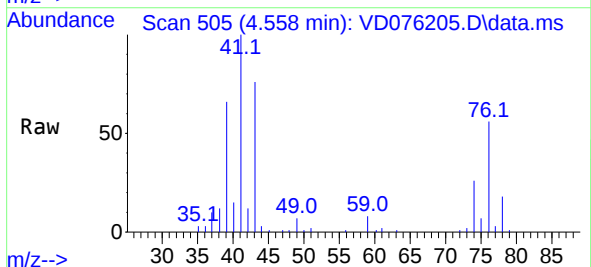
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

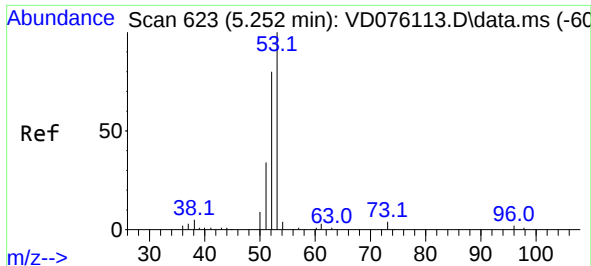
Tgt Ion: 56 Resp: 43750
Ion Ratio Lower Upper
56 100
55 72.2 53.9 80.9



#14
Allyl chloride
Concen: 46.142 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.005 min
Lab File: VD076205.D
Acq: 23 May 2023 20:59

Tgt Ion: 41 Resp: 94614
Ion Ratio Lower Upper
41 100
39 63.4 60.6 90.8
76 55.5 28.6 43.0#

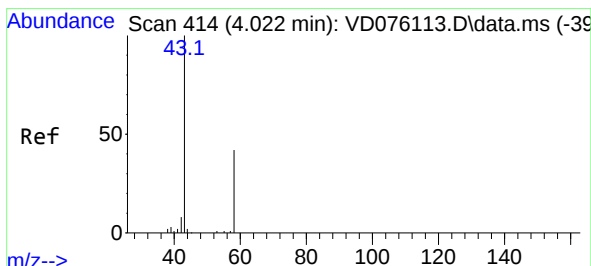
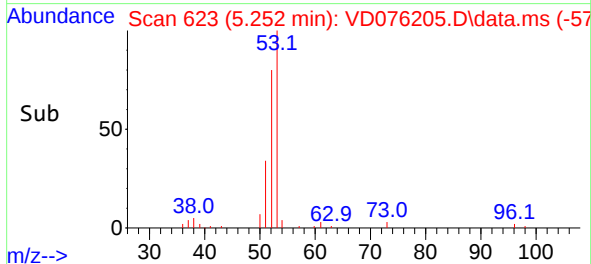
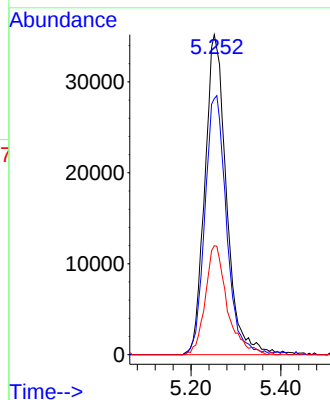
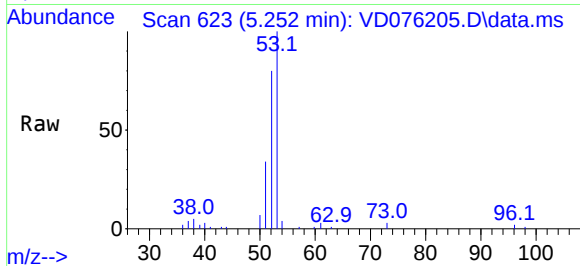




#15
Acrylonitrile
Concen: 280.603 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD076205.D
Acq: 23 May 2023 20:59

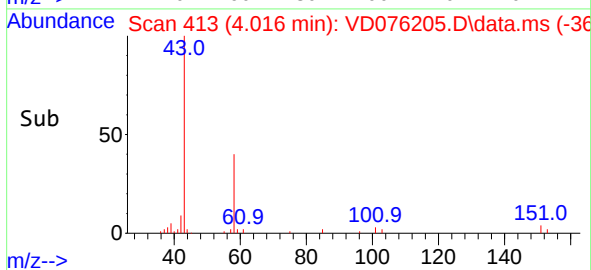
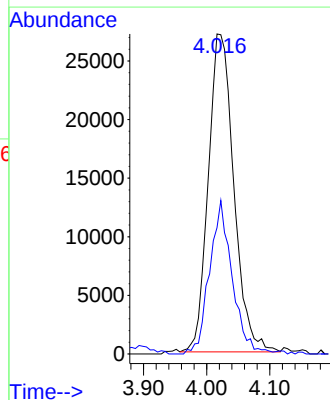
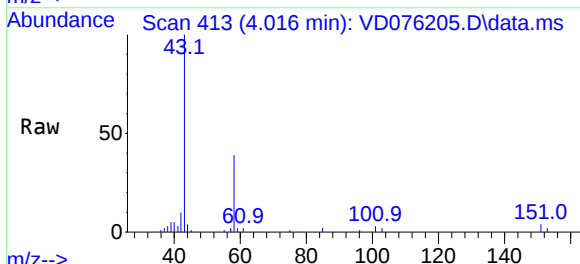
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

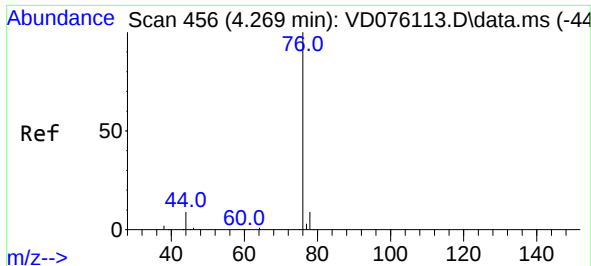
Tgt Ion: 53 Resp: 117754
Ion Ratio Lower Upper
53 100
52 80.9 66.2 99.4
51 34.6 30.7 46.1



#16
Acetone
Concen: 212.369 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD076205.D
Acq: 23 May 2023 20:59

Tgt Ion: 43 Resp: 76340
Ion Ratio Lower Upper
43 100
58 39.7 24.4 36.6#

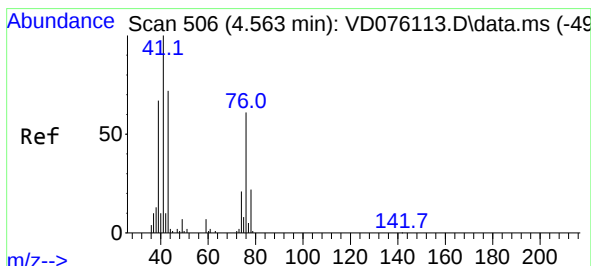
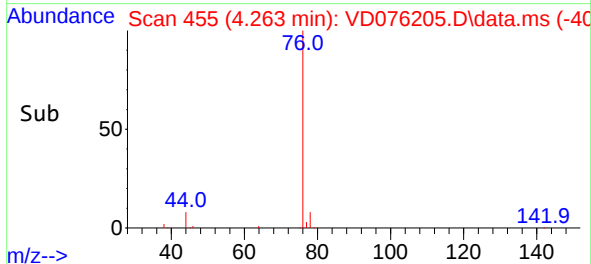
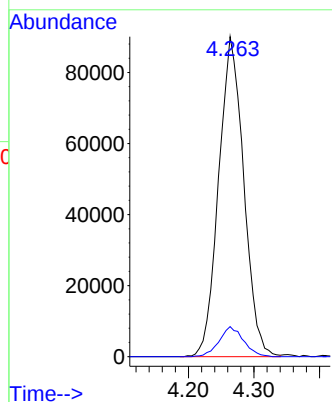
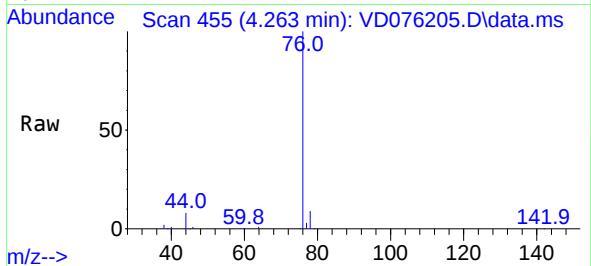




#17
Carbon Disulfide
Concen: 43.318 ug/l
RT: 4.263 min Scan# 411
Delta R.T. -0.006 min
Lab File: VD076205.D
Acq: 23 May 2023 20:59

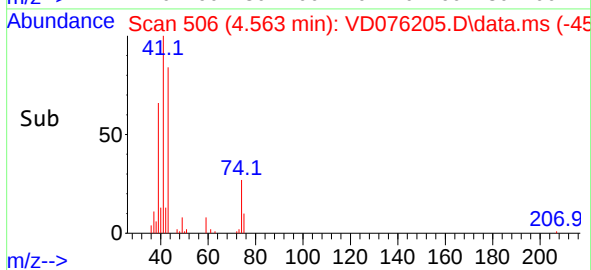
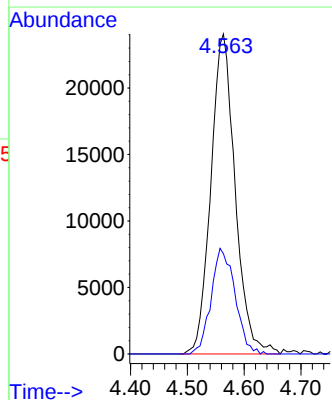
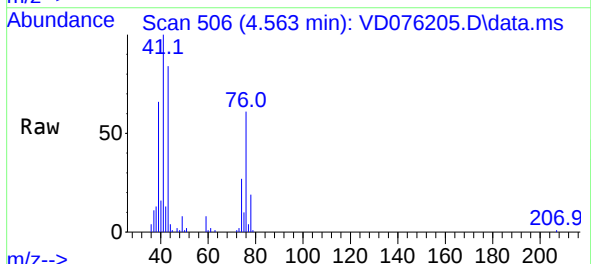
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

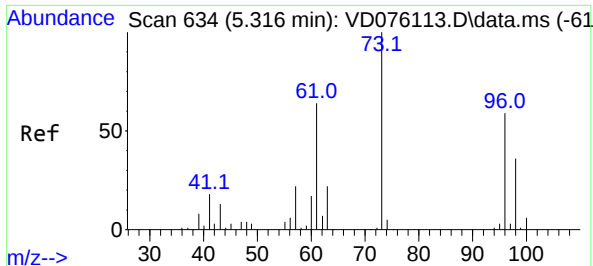
Tgt Ion: 76 Resp: 238925
Ion Ratio Lower Upper
76 100
78 9.4 8.0 12.0



#18
Methyl Acetate
Concen: 55.706 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD076205.D
Acq: 23 May 2023 20:59

Tgt Ion: 43 Resp: 71431
Ion Ratio Lower Upper
43 100
74 32.6 17.8 26.6#





#19

Methyl tert-butyl Ether

Concen: 50.602 ug/l

RT: 5.316 min Scan# 61

Delta R.T. -0.006 min

Lab File: VD076205.D

Acq: 23 May 2023 20:59

Instrument :

MSVOA_D

ClientSampleId :

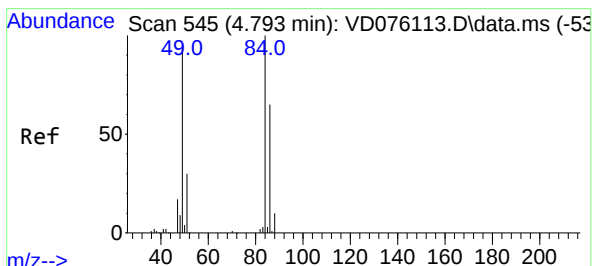
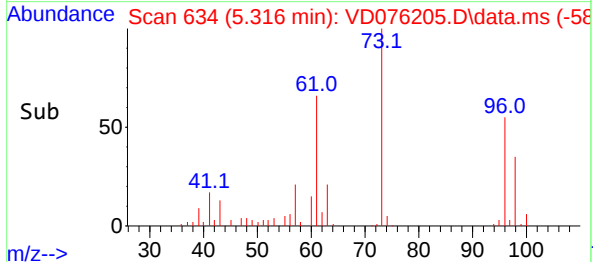
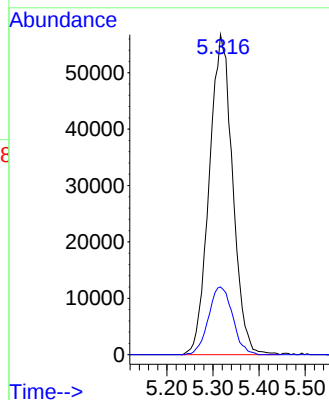
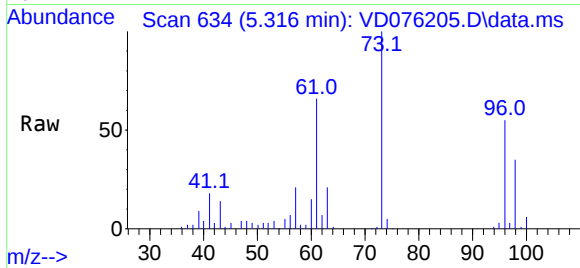
VSTDCCC050EC

Tgt Ion: 73 Resp: 200109

Ion Ratio Lower Upper

73 100

57 21.1 17.2 25.8



#20

Methylene Chloride

Concen: 43.949 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.000 min

Lab File: VD076205.D

Acq: 23 May 2023 20:59

Tgt Ion: 84 Resp: 128567

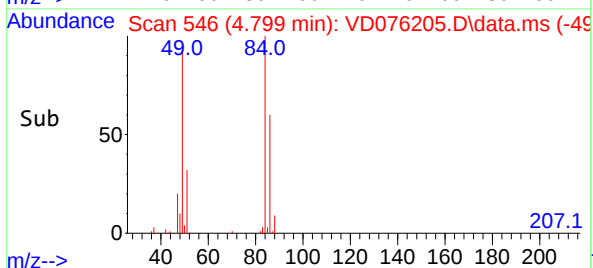
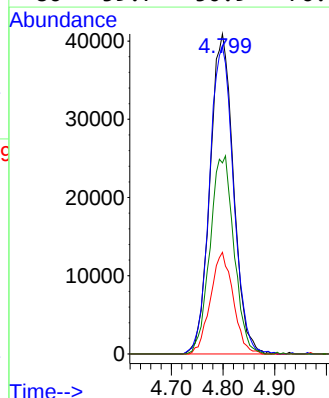
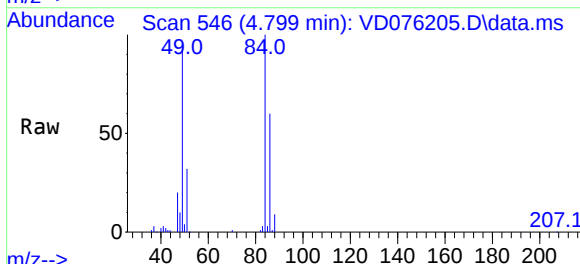
Ion Ratio Lower Upper

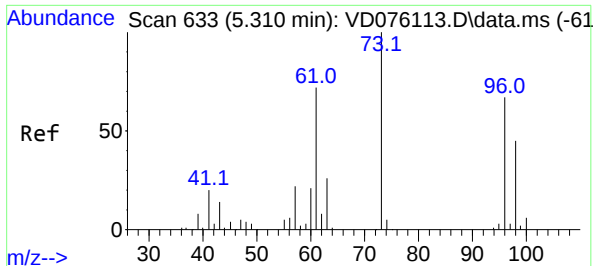
84 100

49 96.0 106.4 159.6#

51 31.8 32.4 48.6#

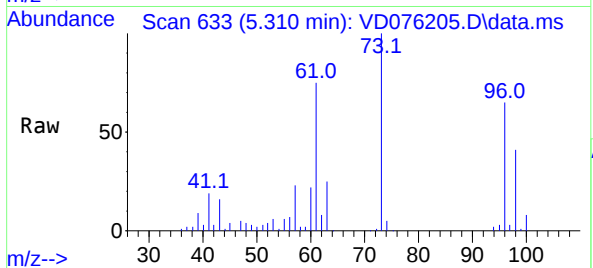
86 59.7 50.9 76.3



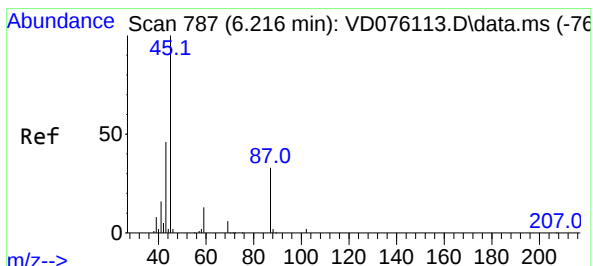
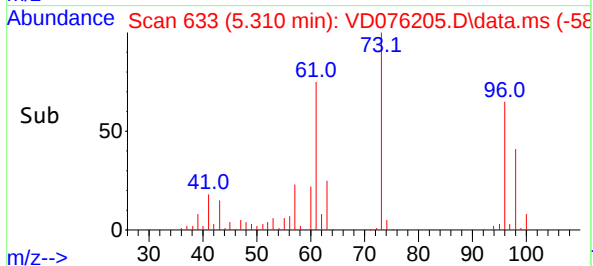
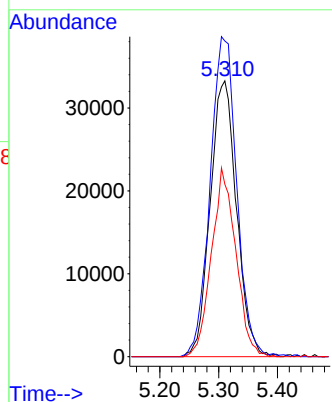


#21
trans-1,2-Dichloroethene
Concen: 44.524 ug/l
RT: 5.310 min Scan# 611
Delta R.T. -0.006 min
Lab File: VD076205.D
Acq: 23 May 2023 20:59

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

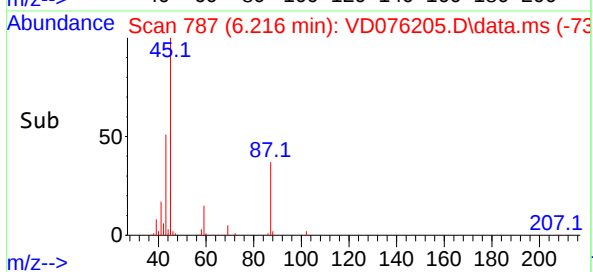
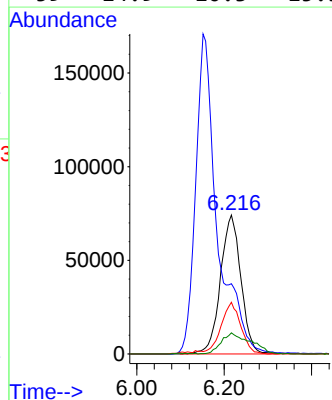
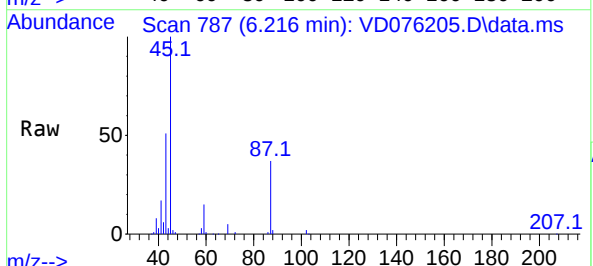


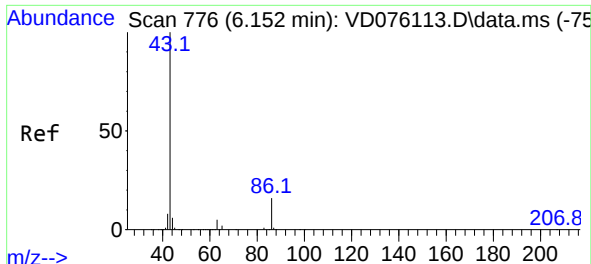
Tgt Ion: 96 Resp: 103678
Ion Ratio Lower Upper
96 100
61 114.5 117.2 175.8#
98 62.5 50.6 76.0



#22
Diisopropyl ether
Concen: 50.623 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD076205.D
Acq: 23 May 2023 20:59

Tgt Ion: 45 Resp: 240942
Ion Ratio Lower Upper
45 100
43 49.7 44.4 66.6
87 37.0 20.9 31.3#
59 14.9 10.3 15.5

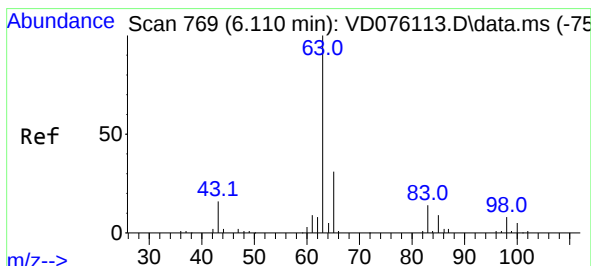
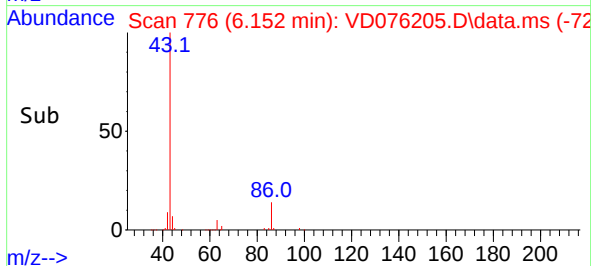
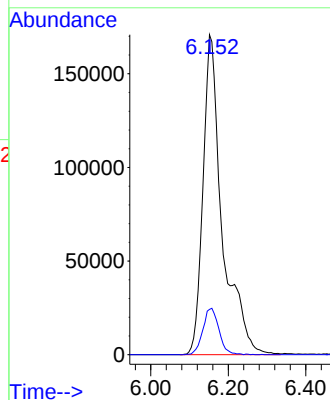
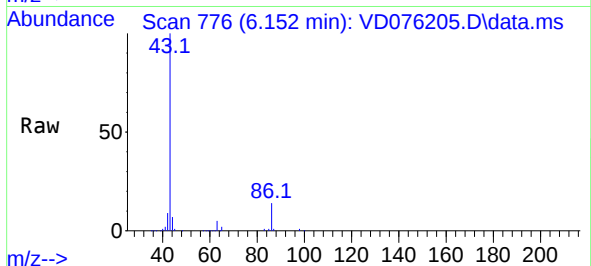




#23
 Vinyl Acetate
 Concen: 314.455 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. -0.000 min
 Lab File: VD076205.D
 Acq: 23 May 2023 20:59

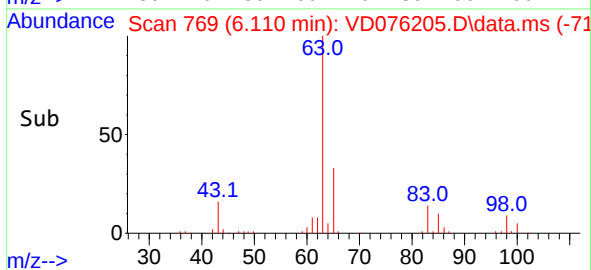
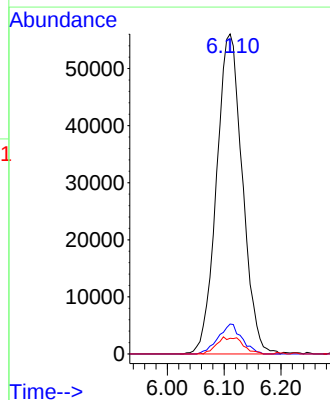
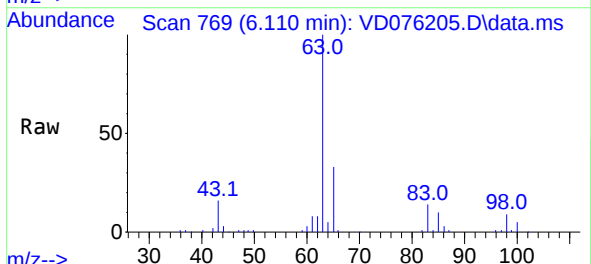
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

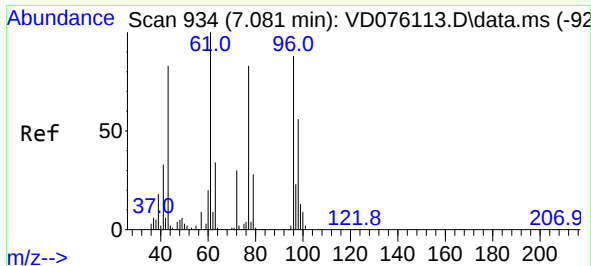
Tgt Ion: 43 Resp: 588474
 Ion Ratio Lower Upper
 43 100
 86 14.2 9.0 13.6#



#24
 1,1-Dichloroethane
 Concen: 47.219 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VD076205.D
 Acq: 23 May 2023 20:59

Tgt Ion: 63 Resp: 177242
 Ion Ratio Lower Upper
 63 100
 98 9.4 3.9 11.7
 100 4.9 2.0 6.0

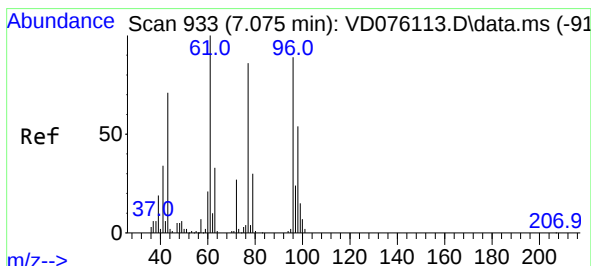
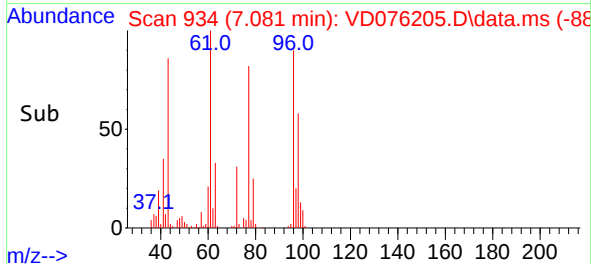
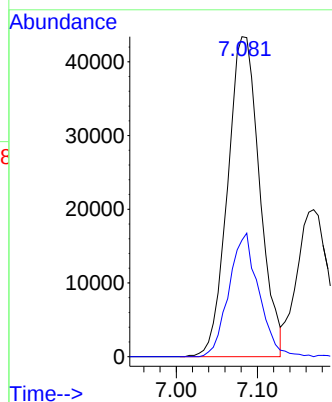
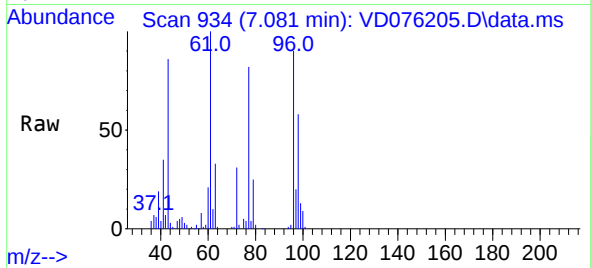




#25
2-Butanone
Concen: 263.115 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076205.D
Acq: 23 May 2023 20:59

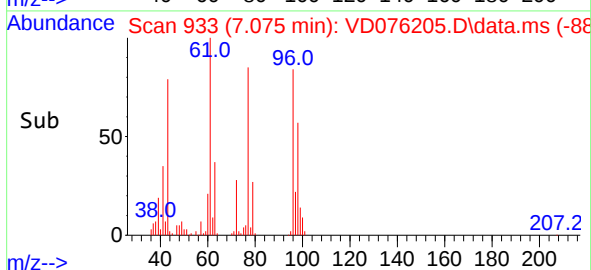
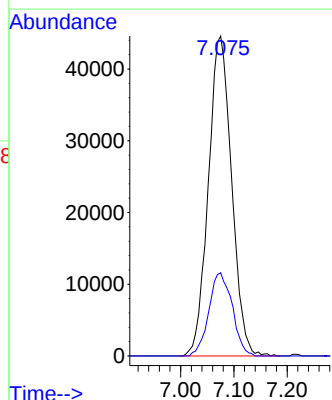
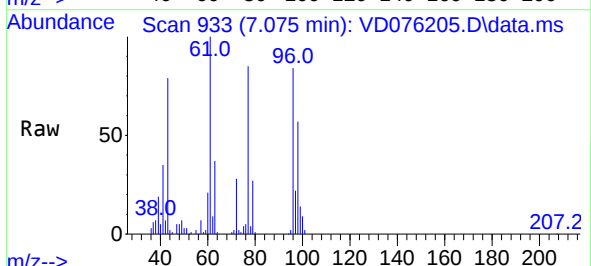
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

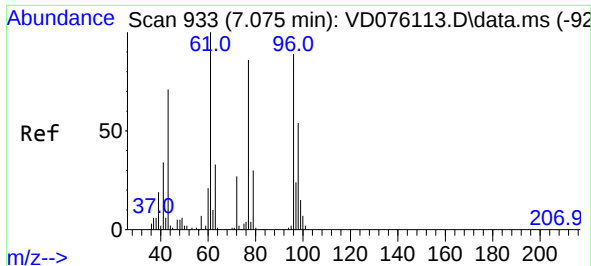
Tgt Ion: 43 Resp: 118924
Ion Ratio Lower Upper
43 100
72 36.4 19.8 29.8#



#26
2,2-Dichloropropane
Concen: 44.201 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD076205.D
Acq: 23 May 2023 20:59

Tgt Ion: 77 Resp: 135286
Ion Ratio Lower Upper
77 100
97 26.1 11.1 33.1



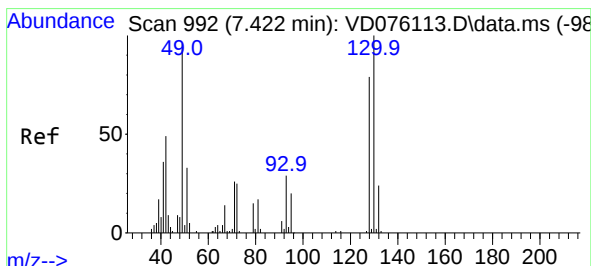
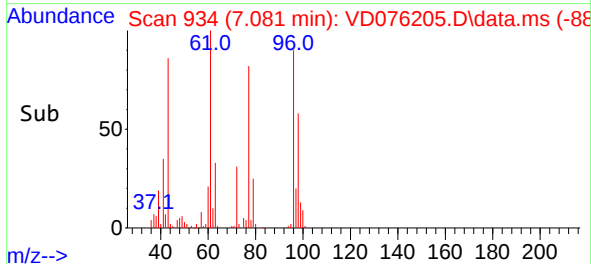
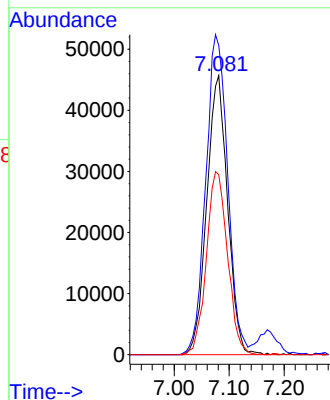
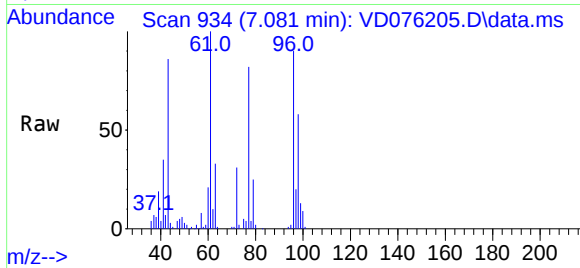


#27
 cis-1,2-Dichloroethene
 Concen: 46.625 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VD076205.D
 Acq: 23 May 2023 20:59

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 120479

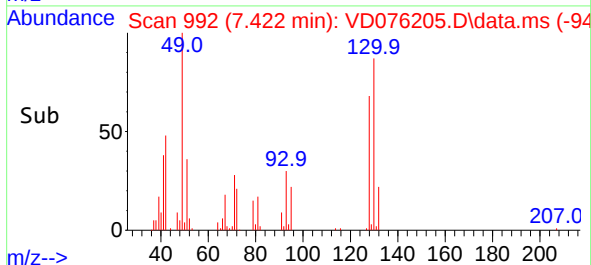
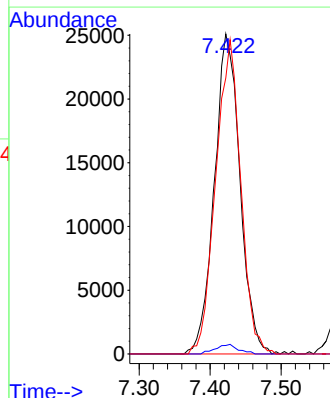
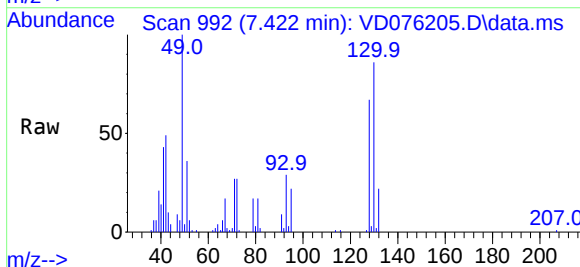
Ion	Ratio	Lower	Upper
96	100		
61	120.5	0.0	295.2
98	66.5	0.0	129.2

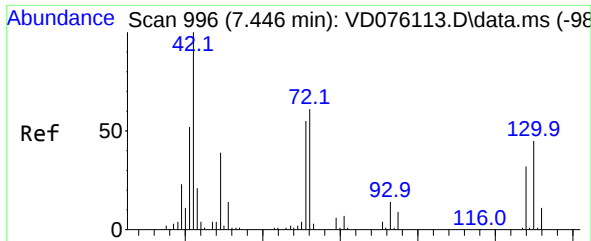


#28
 Bromochloromethane
 Concen: 50.141 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. 0.000 min
 Lab File: VD076205.D
 Acq: 23 May 2023 20:59

Tgt Ion: 49 Resp: 62756

Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	2.2#
130	96.1	56.0	84.0#

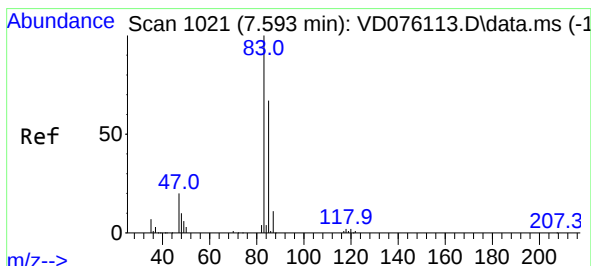
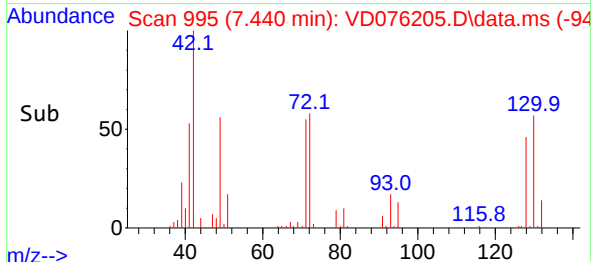
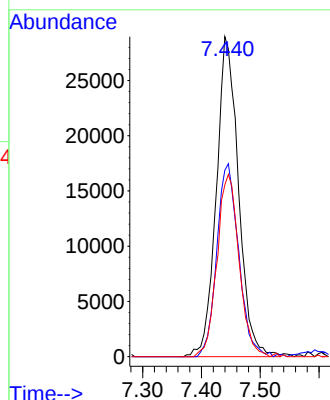
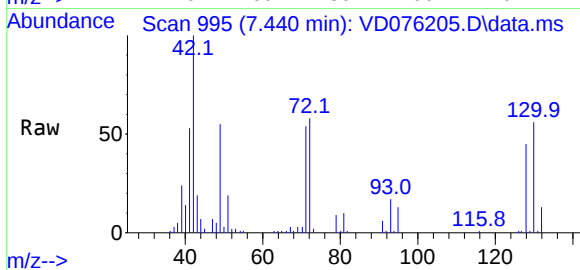




#29
Tetrahydrofuran
Concen: 287.716 ug/l
RT: 7.440 min Scan# 996
Delta R.T. -0.000 min
Lab File: VD076205.D
Acq: 23 May 2023 20:59

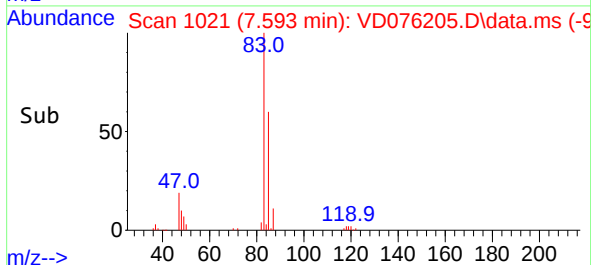
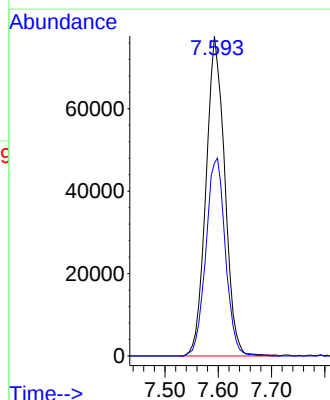
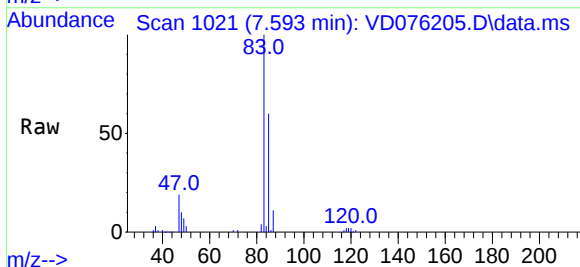
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

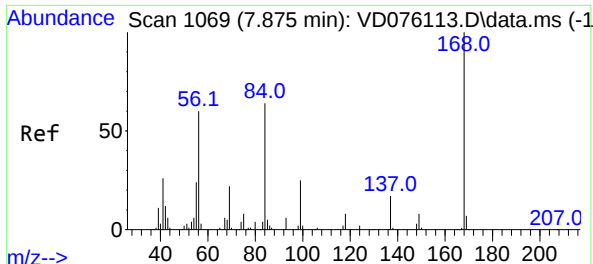
Tgt Ion: 42 Resp: 75797
Ion Ratio Lower Upper
42 100
72 59.5 31.8 47.6#
71 56.6 27.6 41.4#



#30
Chloroform
Concen: 47.287 ug/l
RT: 7.593 min Scan# 1021
Delta R.T. -0.000 min
Lab File: VD076205.D
Acq: 23 May 2023 20:59

Tgt Ion: 83 Resp: 189813
Ion Ratio Lower Upper
83 100
85 60.2 49.4 74.2





#31

Cyclohexane

Concen: 44.871 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD076205.D

Acq: 23 May 2023 20:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

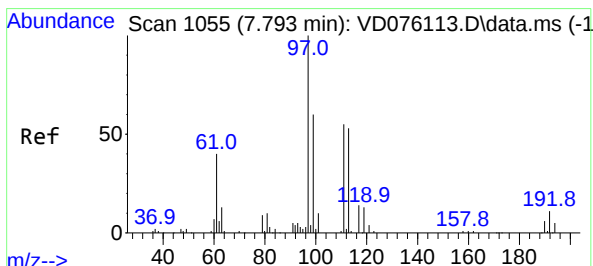
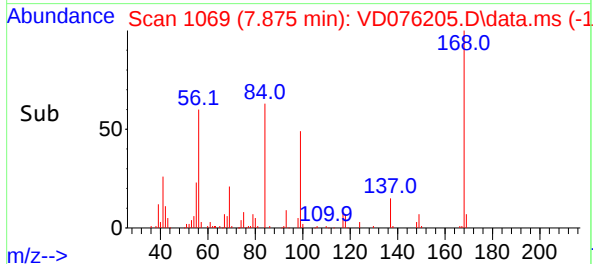
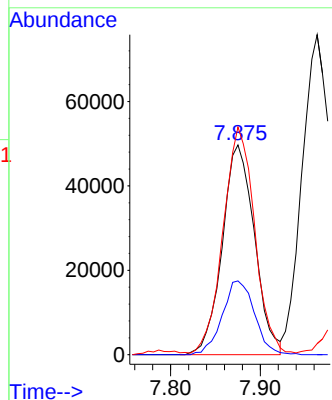
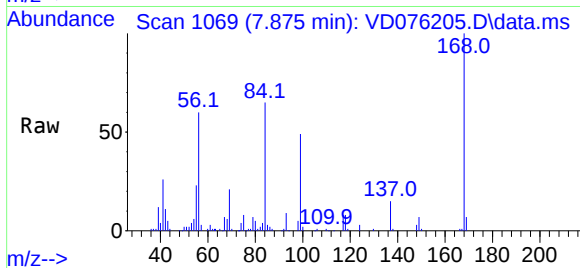
Tgt Ion: 56 Resp: 124159

Ion Ratio Lower Upper

56 100

69 35.1 25.5 38.3

84 107.6 69.6 104.4#



#32

1,1,1-Trichloroethane

Concen: 45.471 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VD076205.D

Acq: 23 May 2023 20:59

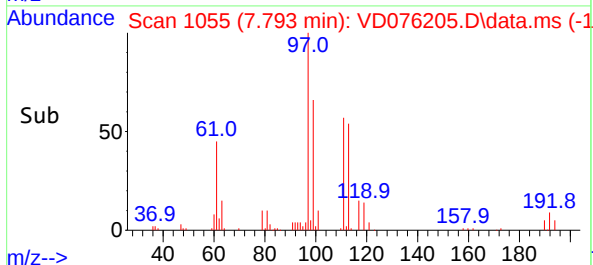
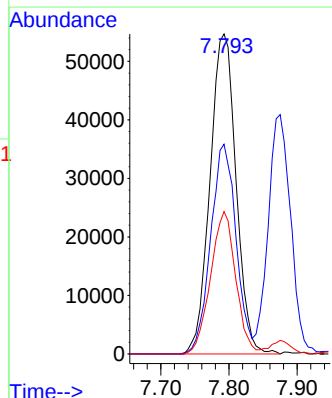
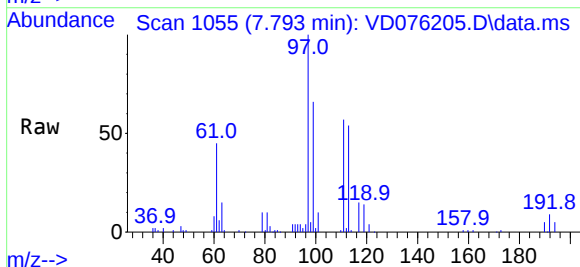
Tgt Ion: 97 Resp: 145460

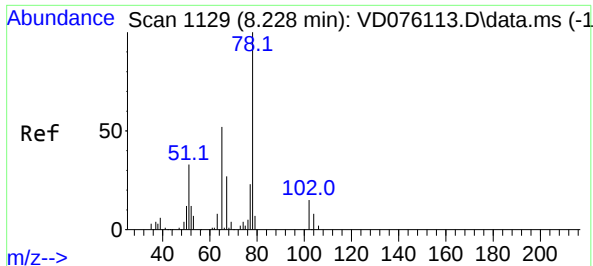
Ion Ratio Lower Upper

97 100

99 63.9 50.5 75.7

61 43.0 36.6 55.0

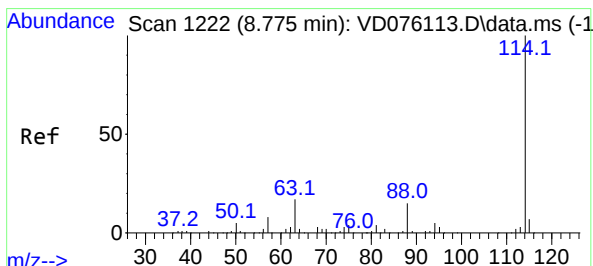
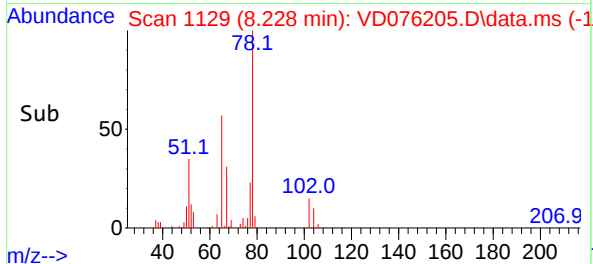
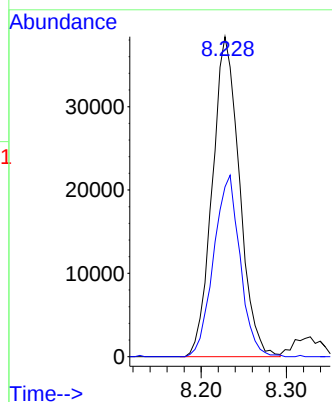
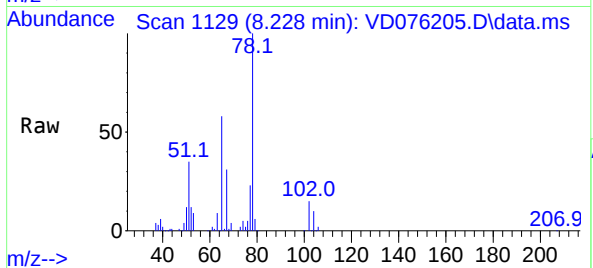




#33
1,2-Dichloroethane-d4
Concen: 46.970 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD076205.D
Acq: 23 May 2023 20:59

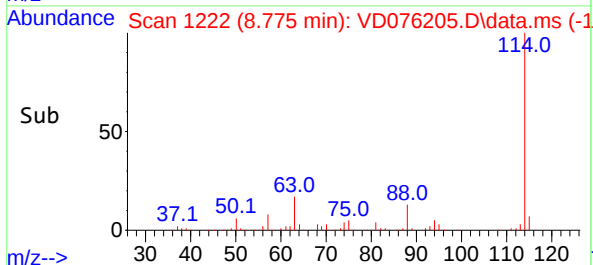
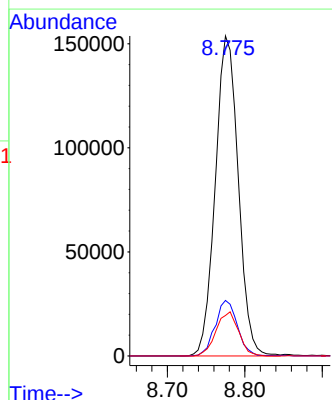
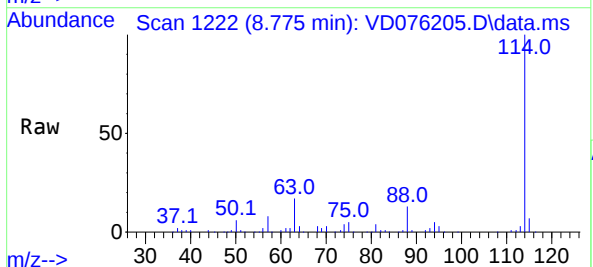
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 65 Resp: 84862
Ion Ratio Lower Upper
65 100
67 55.3 0.0 102.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD076205.D
Acq: 23 May 2023 20:59

Tgt Ion: 114 Resp: 316300
Ion Ratio Lower Upper
114 100
63 17.4 0.0 41.6
88 12.7 0.0 30.6

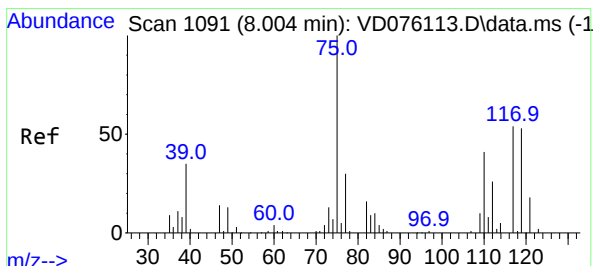
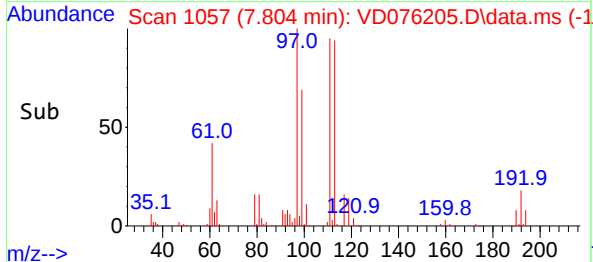
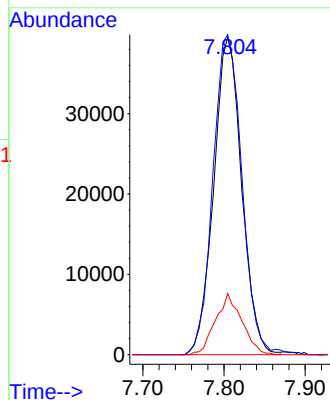
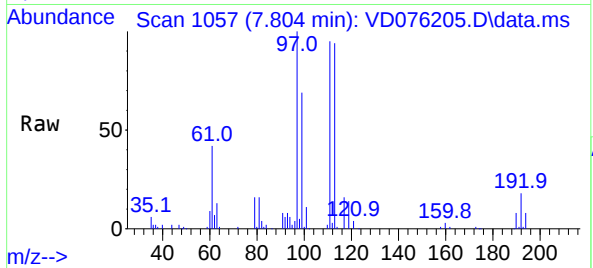




#35
Dibromofluoromethane
Concen: 43.249 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.001 min
Lab File: VD076205.D
Acq: 23 May 2023 20:59

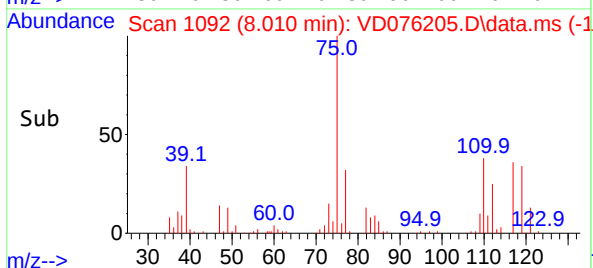
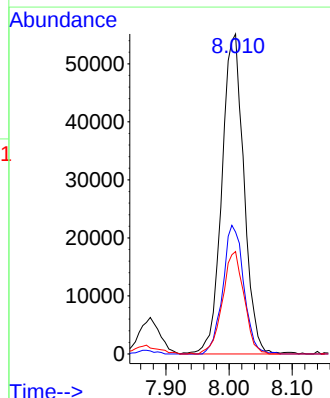
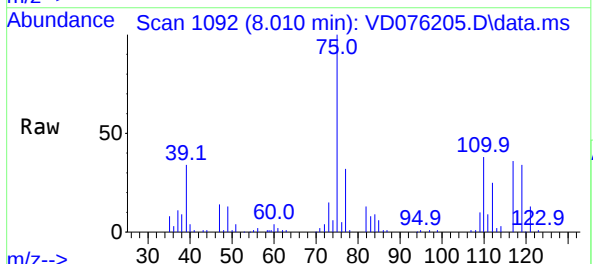
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

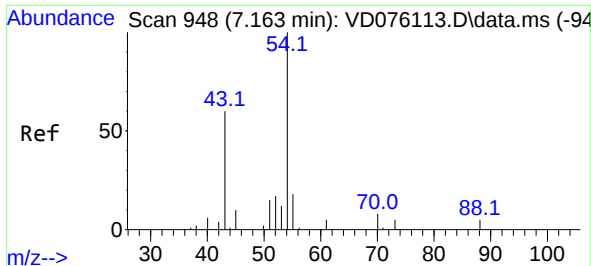
Tgt Ion:	113	Resp:	94556
Ion	Ratio	Lower	Upper
113	100		
111	104.4	81.4	122.0
192	18.1	15.2	22.8



#36
1,1-Dichloropropene
Concen: 45.146 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VD076205.D
Acq: 23 May 2023 20:59

Tgt Ion:	75	Resp:	133305
Ion	Ratio	Lower	Upper
75	100		
110	38.5	17.1	51.2
77	31.4	24.6	36.8





#37

Ethyl Acetate

Concen: 54.758 ug/l

RT: 7.169 min Scan# 948

Delta R.T. 0.000 min

Lab File: VD076205.D

Acq: 23 May 2023 20:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

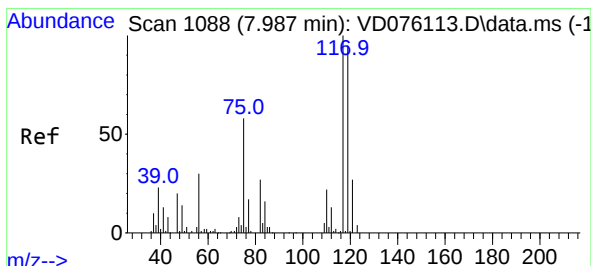
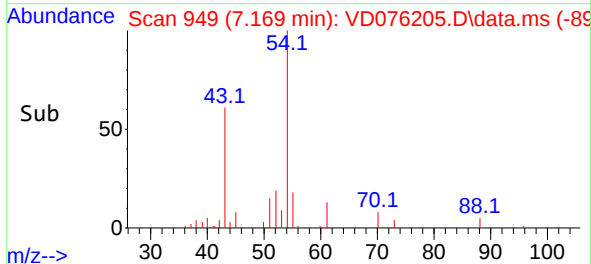
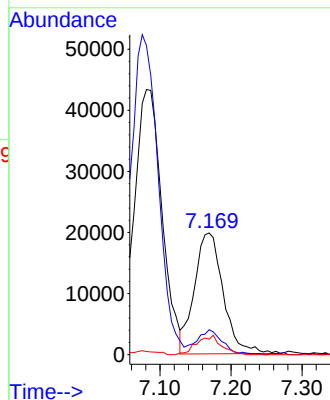
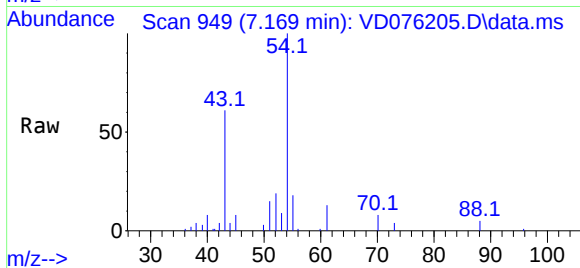
Tgt Ion: 43 Resp: 55989

Ion Ratio Lower Upper

43 100

61 17.7 0.0 0.0#

70 13.5 5.6 8.4#



#38

Carbon Tetrachloride

Concen: 43.135 ug/l

RT: 7.987 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VD076205.D

Acq: 23 May 2023 20:59

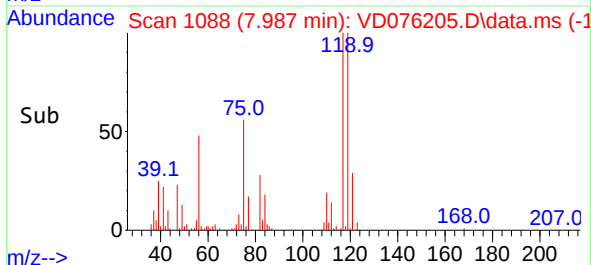
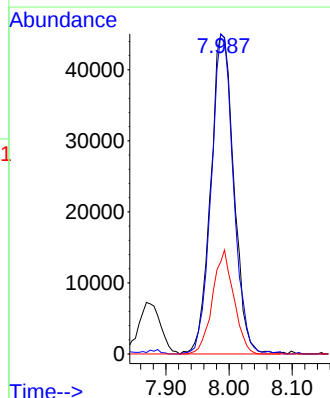
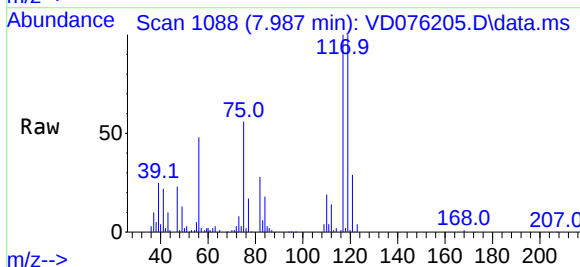
Tgt Ion: 117 Resp: 115046

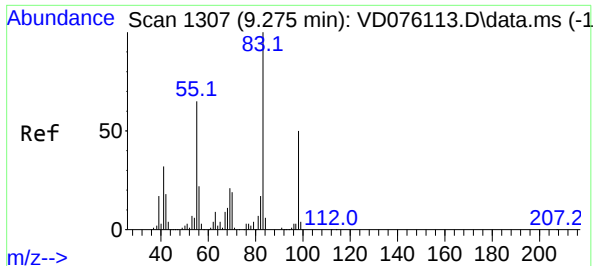
Ion Ratio Lower Upper

117 100

119 100.1 74.7 112.1

121 28.9 25.9 38.9





#39

Methylcyclohexane

Concen: 43.539 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

Lab File: VD076205.D

Acq: 23 May 2023 20:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

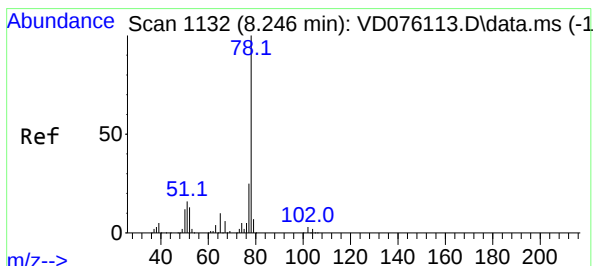
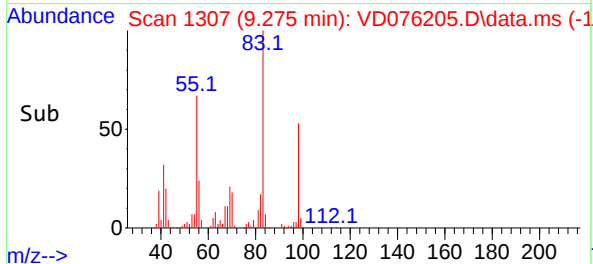
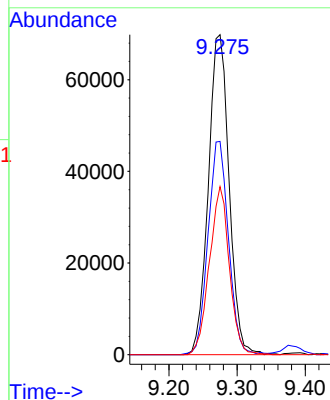
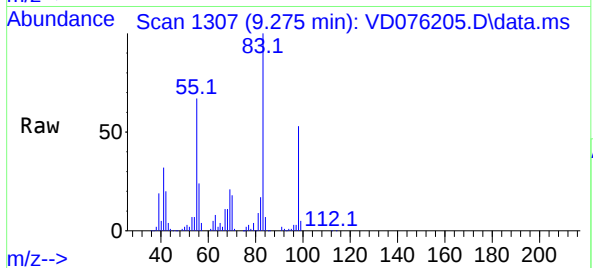
Tgt Ion: 83 Resp: 148011

Ion Ratio Lower Upper

83 100

55 66.6 56.8 85.2

98 52.5 38.9 58.3



#40

Benzene

Concen: 44.910 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. -0.001 min

Lab File: VD076205.D

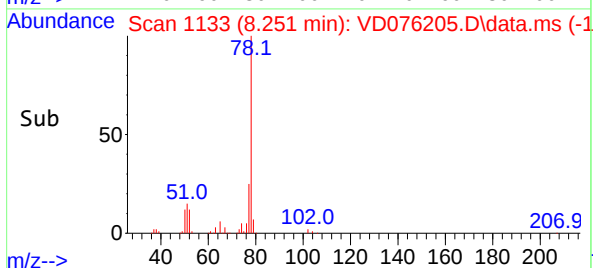
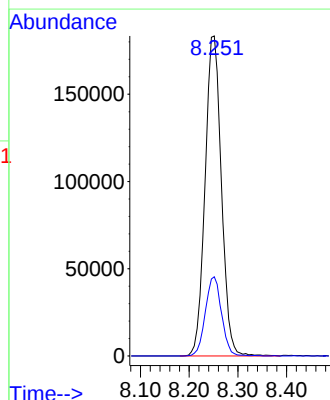
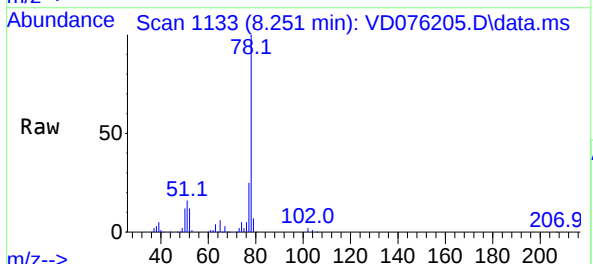
Acq: 23 May 2023 20:59

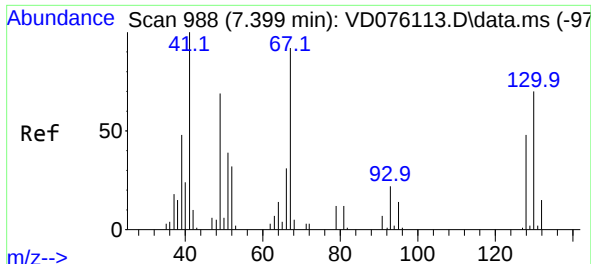
Tgt Ion: 78 Resp: 426336

Ion Ratio Lower Upper

78 100

77 24.8 19.1 28.7



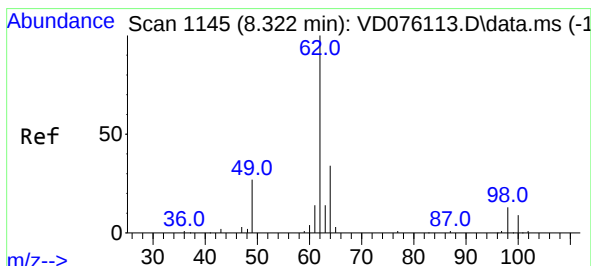
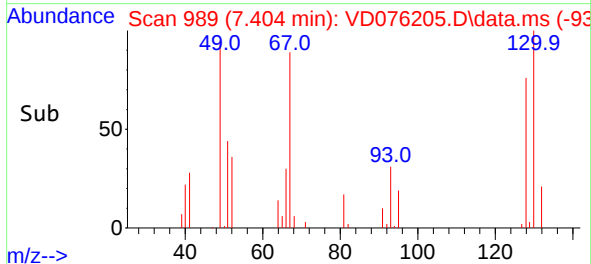
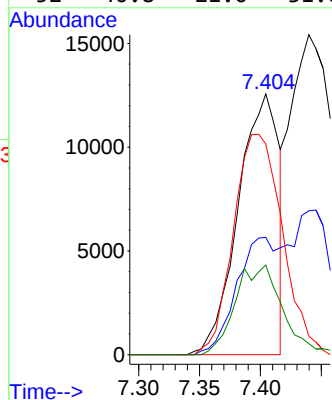
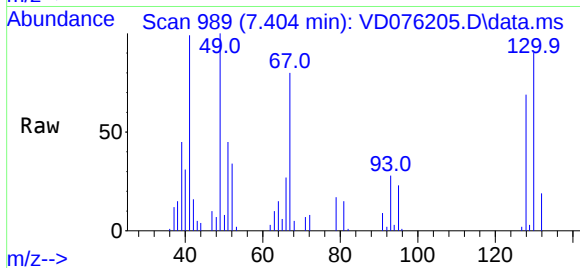


#41
Methacrylonitrile
Concen: 52.027 ug/l
RT: 7.404 min Scan# 91
Delta R.T. 0.005 min
Lab File: VD076205.D
Acq: 23 May 2023 20:59

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 29169

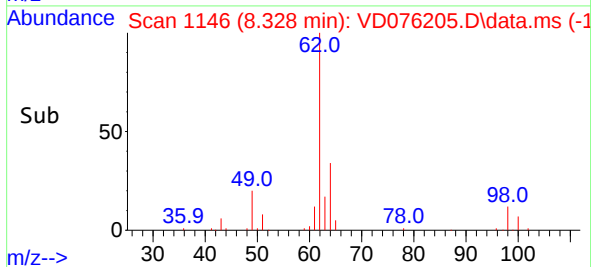
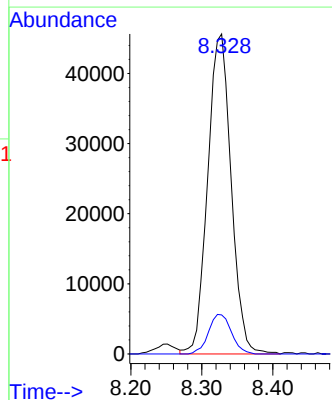
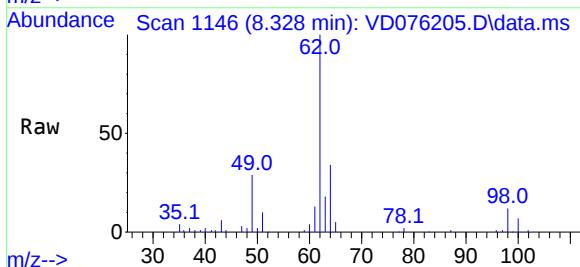
Ion	Ratio	Lower	Upper
41	100		
39	47.3	45.3	67.9
67	101.8	50.5	75.7#
52	40.8	21.0	31.6#

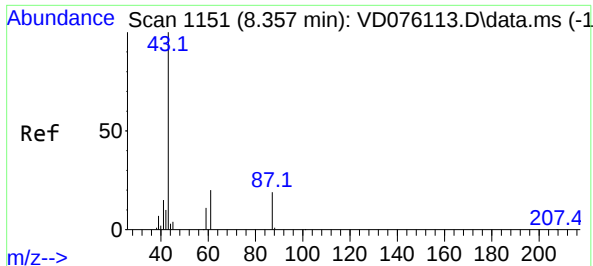


#42
1,2-Dichloroethane
Concen: 46.662 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VD076205.D
Acq: 23 May 2023 20:59

Tgt Ion: 62 Resp: 104774

Ion	Ratio	Lower	Upper
62	100		
98	12.1	0.0	18.8

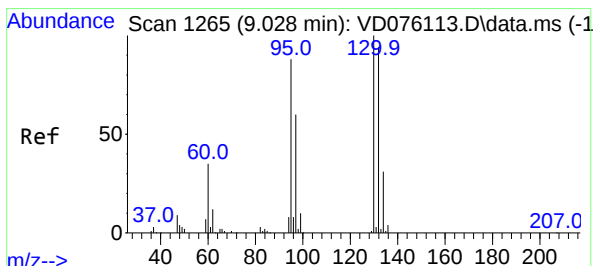
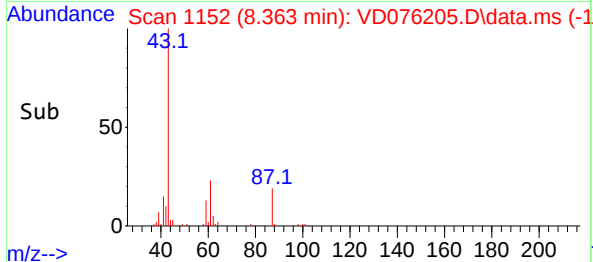
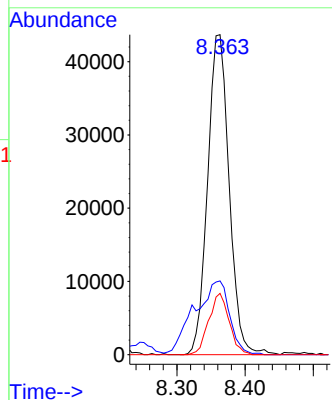
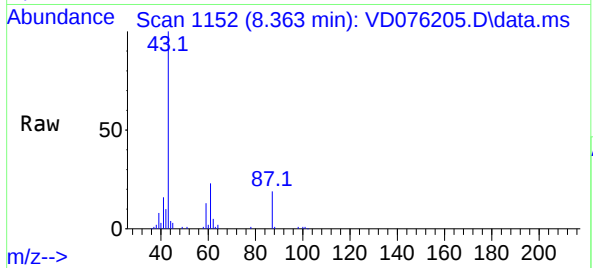




#43
Isopropyl Acetate
Concen: 50.342 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.006 min
Lab File: VD076205.D
Acq: 23 May 2023 20:59

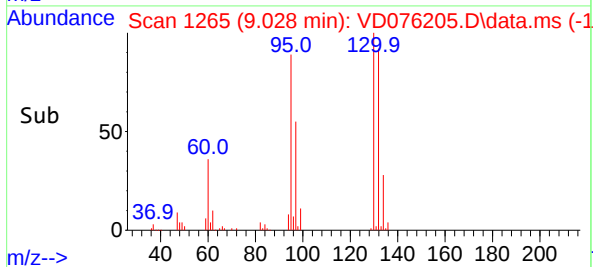
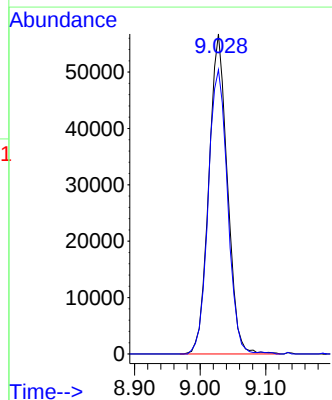
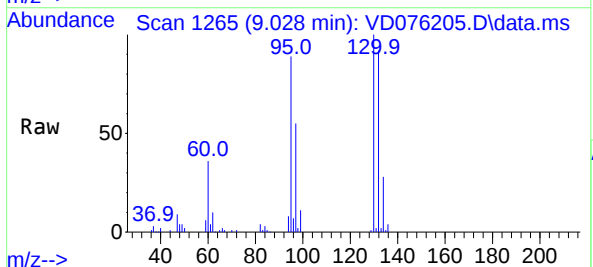
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

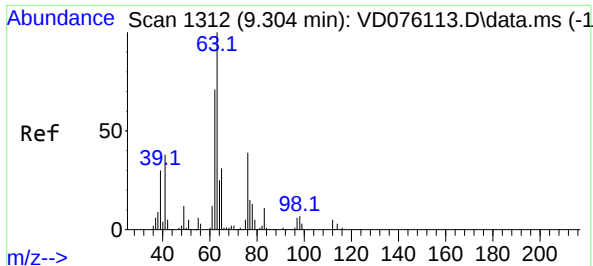
Tgt Ion: 43 Resp: 96154
Ion Ratio Lower Upper
43 100
61 37.5 23.4 35.0#
87 18.1 9.5 14.3#



#44
Trichloroethene
Concen: 41.749 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD076205.D
Acq: 23 May 2023 20:59

Tgt Ion: 130 Resp: 111693
Ion Ratio Lower Upper
130 100
95 88.8 0.0 197.6

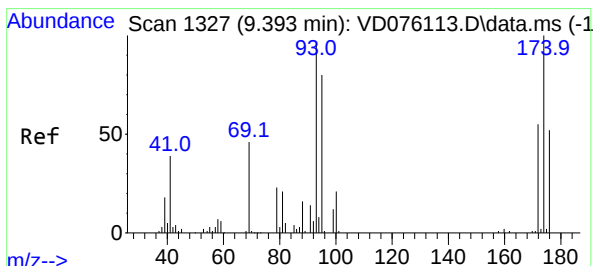
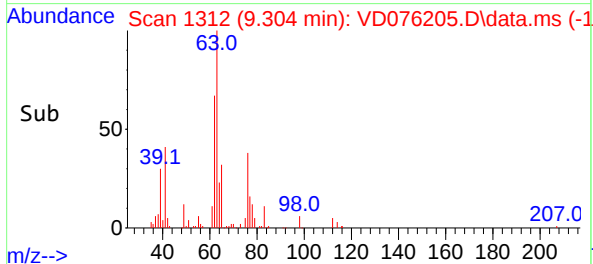
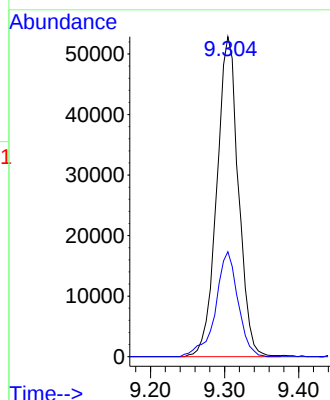
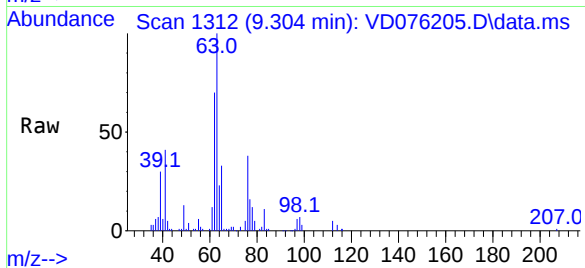




#45
1,2-Dichloropropane
Concen: 45.790 ug/l
RT: 9.304 min Scan# 1312
Delta R.T. 0.000 min
Lab File: VD076205.D
Acq: 23 May 2023 20:59

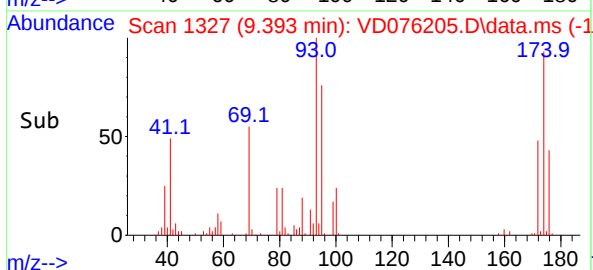
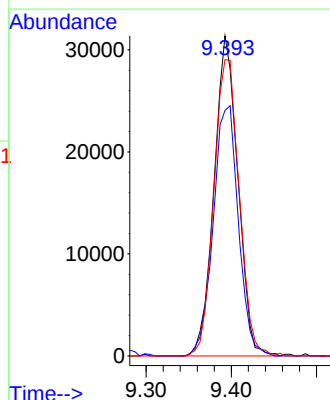
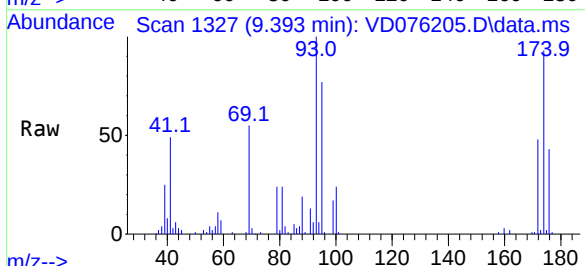
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

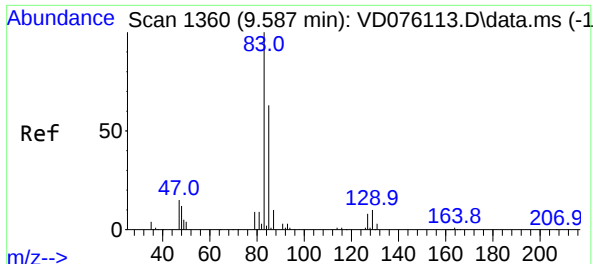
Tgt Ion: 63 Resp: 107220
Ion Ratio Lower Upper
63 100
65 32.8 23.0 34.4



#46
Dibromomethane
Concen: 46.374 ug/l
RT: 9.393 min Scan# 1327
Delta R.T. -0.000 min
Lab File: VD076205.D
Acq: 23 May 2023 20:59

Tgt Ion: 93 Resp: 60867
Ion Ratio Lower Upper
93 100
95 82.8 64.5 96.7
174 98.7 76.2 114.4

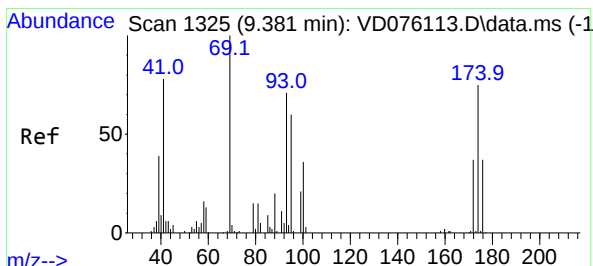
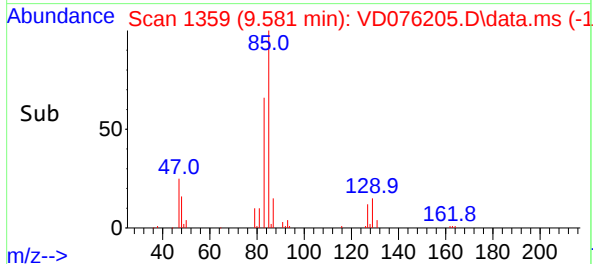
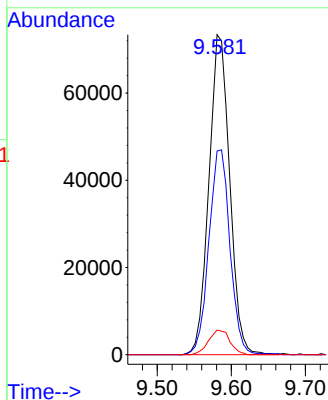
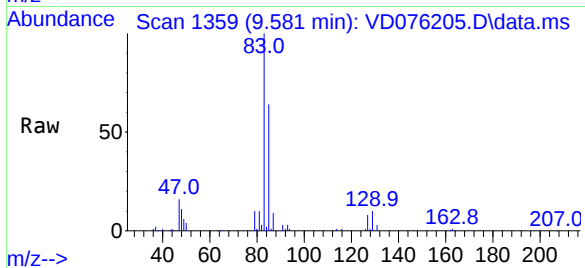




#47
Bromodichloromethane
Concen: 45.354 ug/l
RT: 9.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD076205.D
Acq: 23 May 2023 20:59

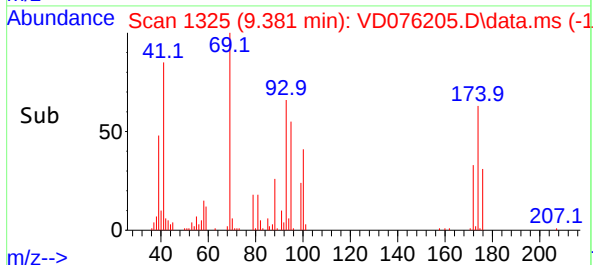
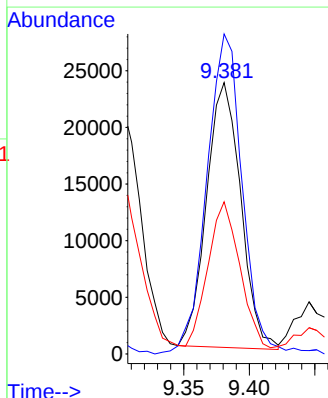
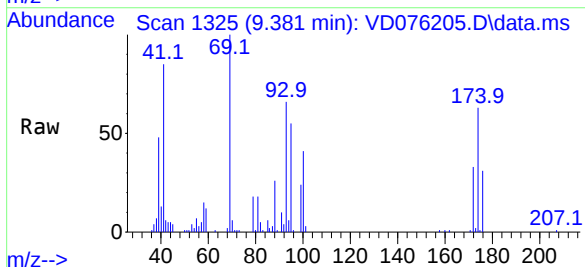
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

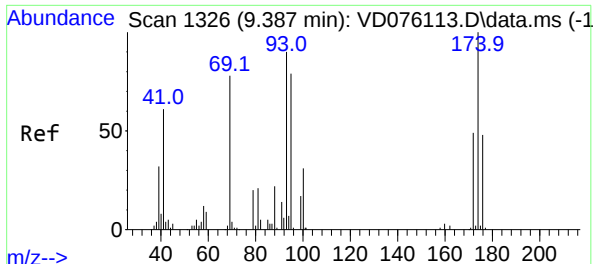
Tgt Ion: 83 Resp: 143066
Ion Ratio Lower Upper
83 100
85 63.6 53.7 80.5
127 7.7 7.0 10.6



#48
Methyl methacrylate
Concen: 50.163 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD076205.D
Acq: 23 May 2023 20:59

Tgt Ion: 41 Resp: 42405
Ion Ratio Lower Upper
41 100
69 126.0 58.6 88.0#
39 56.2 53.4 80.0

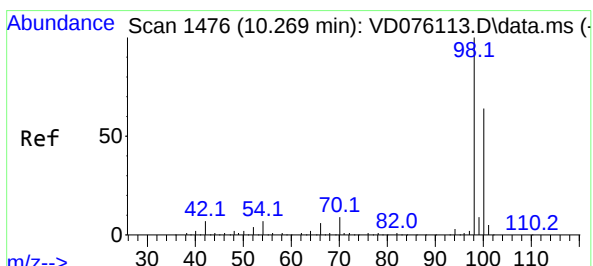
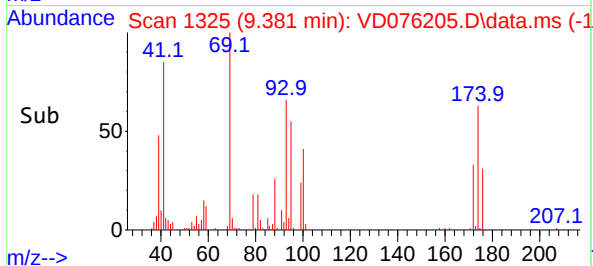
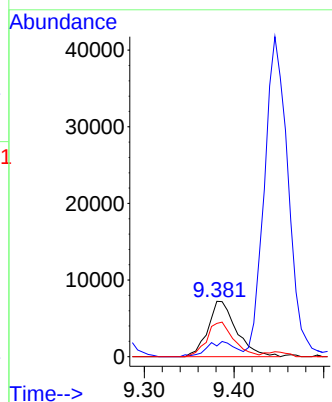
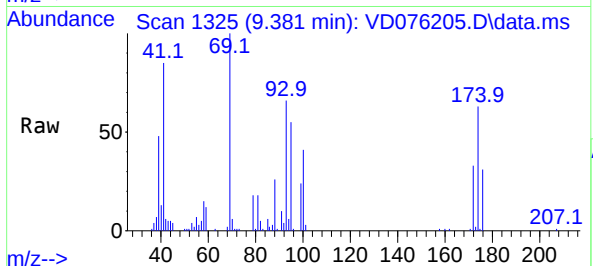




#49
1,4-Dioxane
Concen: 1132.913 ug/l
RT: 9.381 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076205.D
Acq: 23 May 2023 20:59

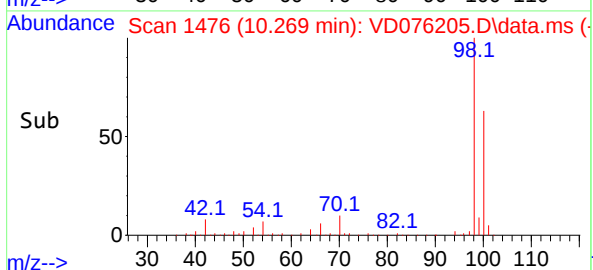
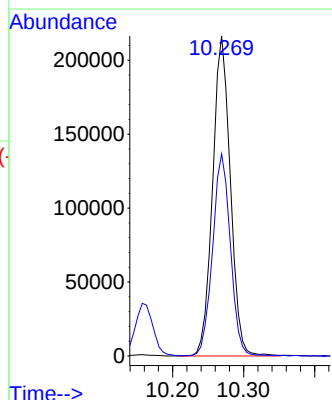
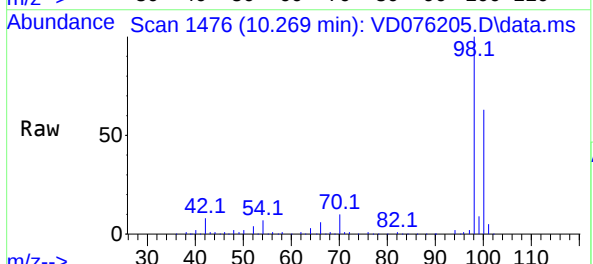
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

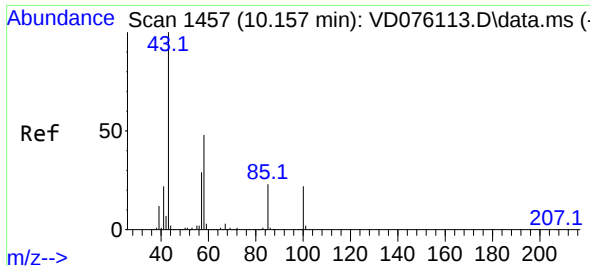
Tgt Ion: 88 Resp: 15901
Ion Ratio Lower Upper
88 100
43 27.1 34.6 51.8#
58 59.2 58.0 87.0



#50
Toluene-d8
Concen: 44.014 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076205.D
Acq: 23 May 2023 20:59

Tgt Ion: 98 Resp: 375125
Ion Ratio Lower Upper
98 100
100 63.1 52.1 78.1

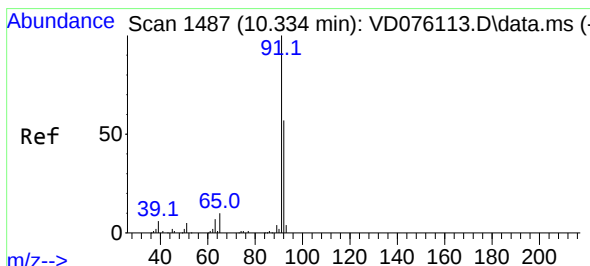
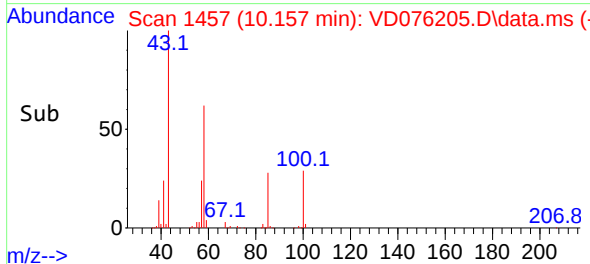
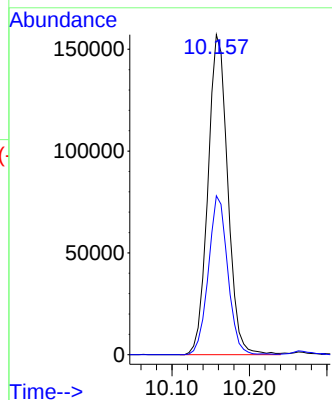
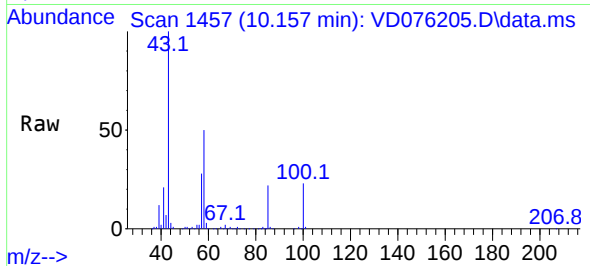




#51
4-Methyl-2-Pentanone
Concen: 274.734 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD076205.D
Acq: 23 May 2023 20:59

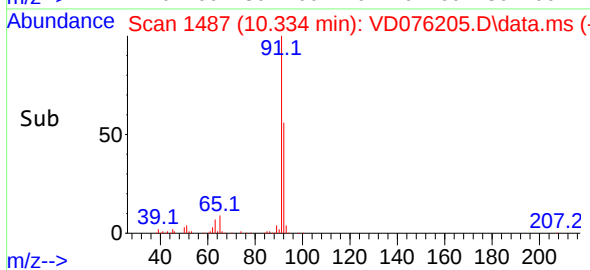
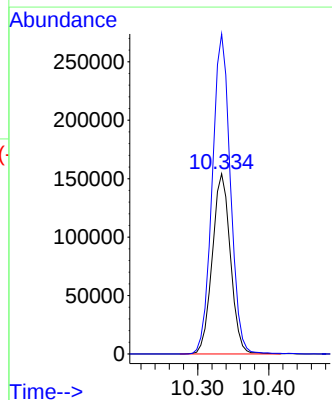
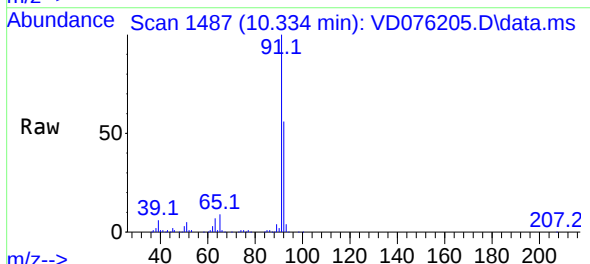
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

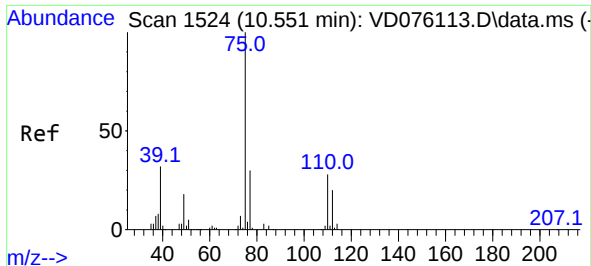
Tgt Ion: 43 Resp: 279085
Ion Ratio Lower Upper
43 100
58 48.5 29.5 44.3#



#52
Toluene
Concen: 45.962 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD076205.D
Acq: 23 May 2023 20:59

Tgt Ion: 92 Resp: 272511
Ion Ratio Lower Upper
92 100
91 177.9 136.5 204.7

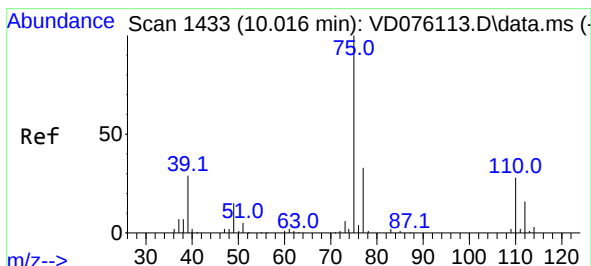
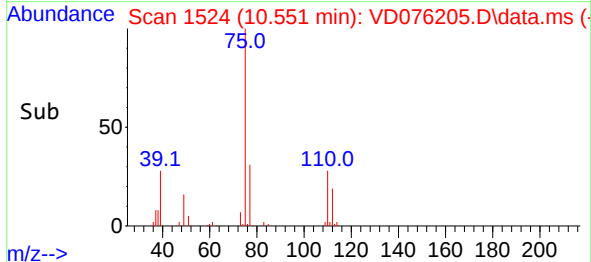
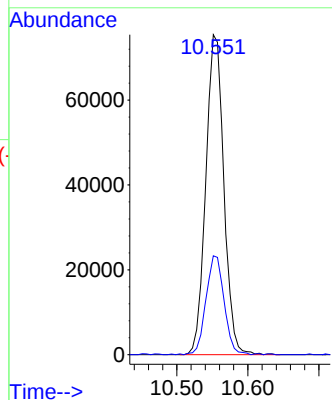
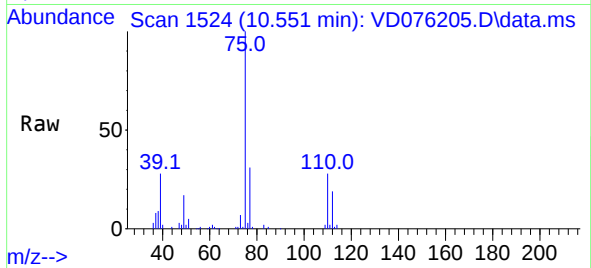




#53
t-1,3-Dichloropropene
Concen: 46.918 ug/l
RT: 10.551 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VD076205.D
Acq: 23 May 2023 20:59

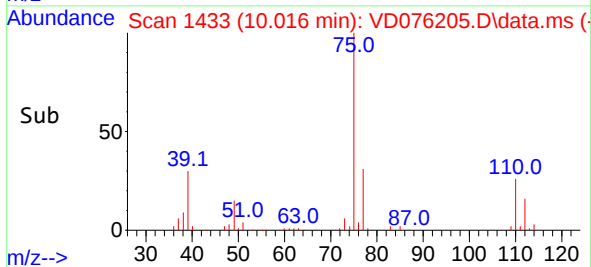
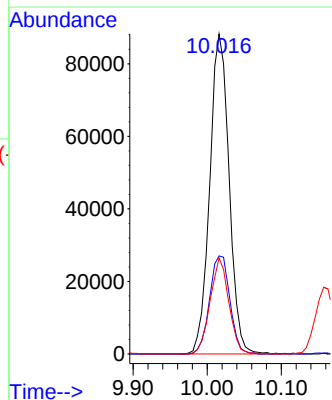
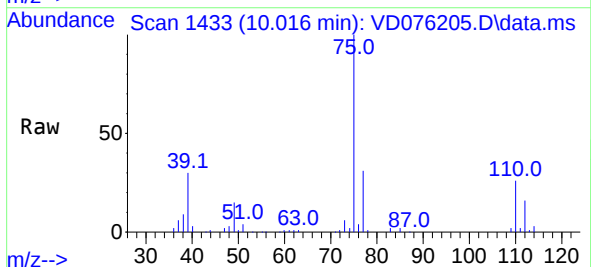
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

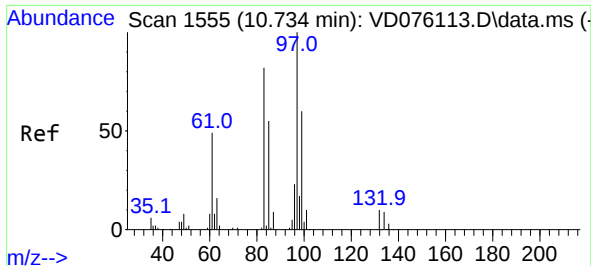
Tgt Ion: 75 Resp: 133390
Ion Ratio Lower Upper
75 100
77 30.9 26.3 39.5



#54
cis-1,3-Dichloropropene
Concen: 46.171 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD076205.D
Acq: 23 May 2023 20:59

Tgt Ion: 75 Resp: 160194
Ion Ratio Lower Upper
75 100
77 30.7 25.6 38.4
39 30.0 44.8 67.2#

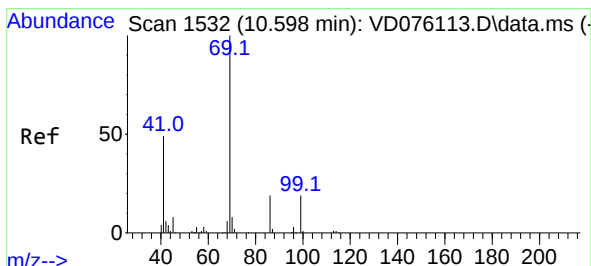
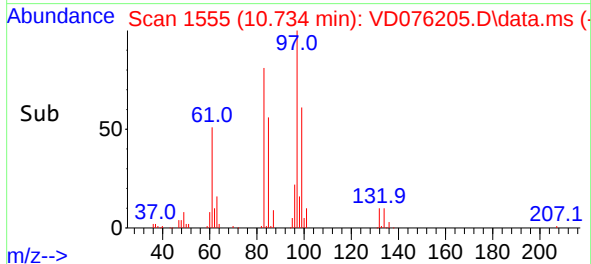
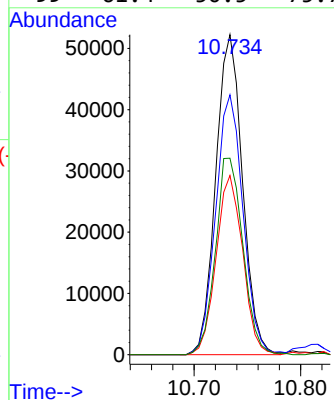
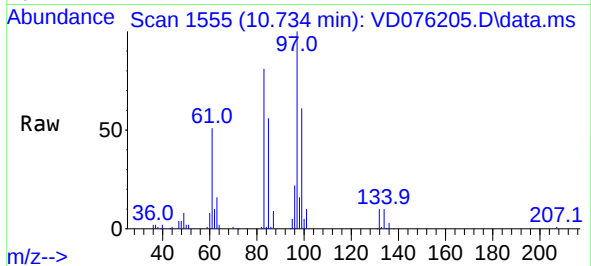




#55
1,1,2-Trichloroethane
Concen: 48.405 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD076205.D
Acq: 23 May 2023 20:59

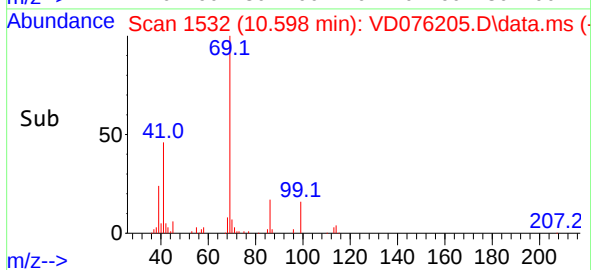
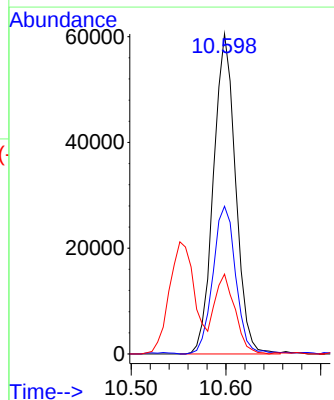
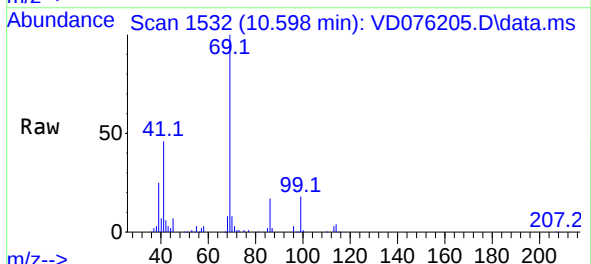
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

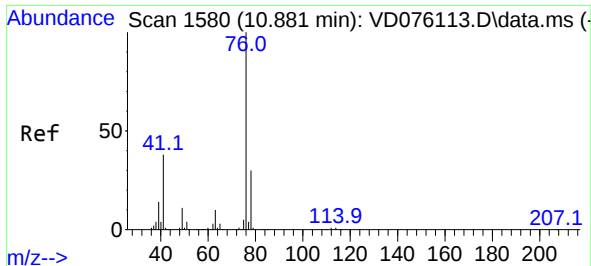
Tgt Ion:	97	Resp:	91108
Ion	Ratio	Lower	Upper
97	100		
83	81.2	74.2	111.4
85	56.0	45.4	68.0
99	61.4	50.5	75.7



#56
Ethyl methacrylate
Concen: 51.782 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD076205.D
Acq: 23 May 2023 20:59

Tgt Ion:	69	Resp:	97965
Ion	Ratio	Lower	Upper
69	100		
41	48.0	59.3	88.9#
39	22.8	36.0	54.0#





#57

1,3-Dichloropropane

Concen: 48.178 ug/l

RT: 10.881 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD076205.D

Acq: 23 May 2023 20:59

Instrument :

MSVOA_D

ClientSampleId :

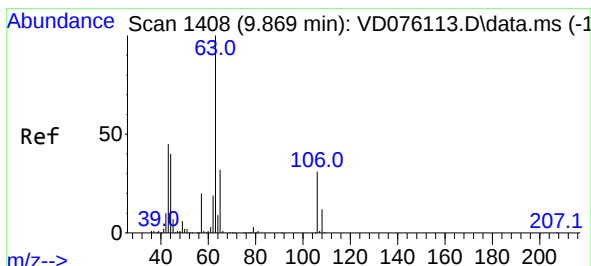
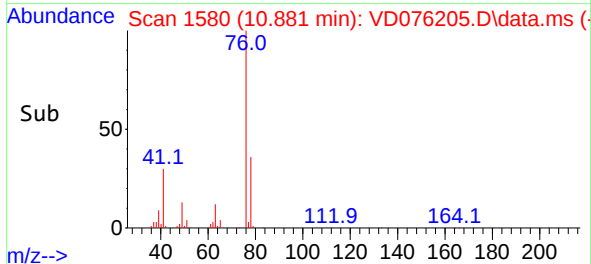
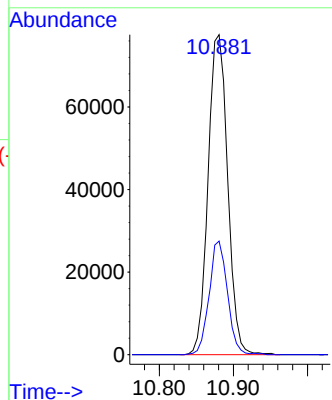
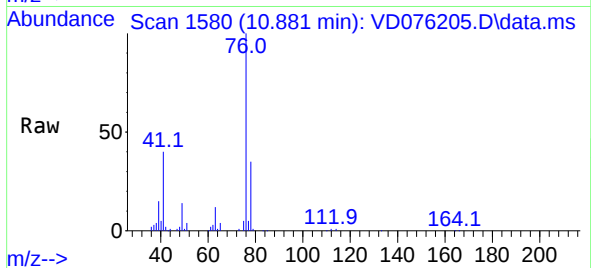
VSTDCCC050EC

Tgt Ion: 76 Resp: 142267

Ion Ratio Lower Upper

76 100

78 33.2 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 265.768 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD076205.D

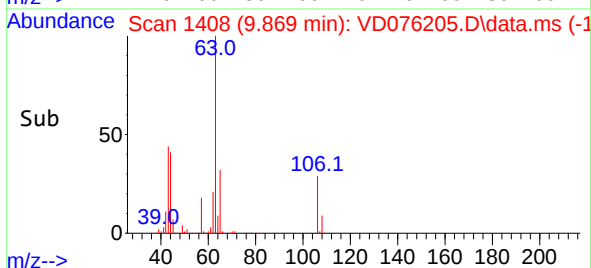
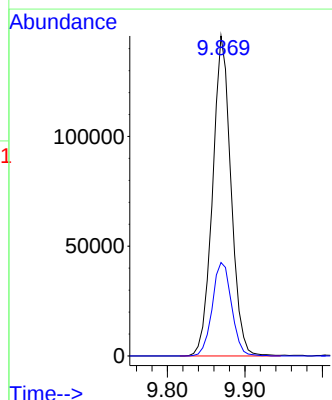
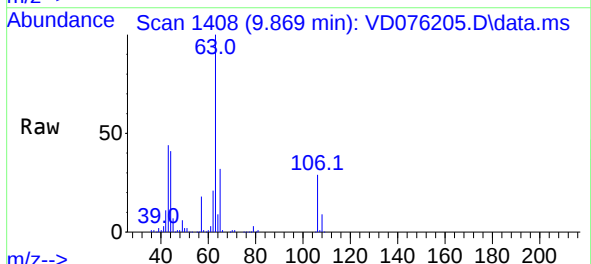
Acq: 23 May 2023 20:59

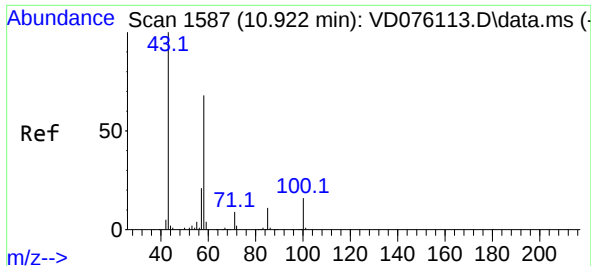
Tgt Ion: 63 Resp: 241244

Ion Ratio Lower Upper

63 100

106 30.6 21.4 32.2

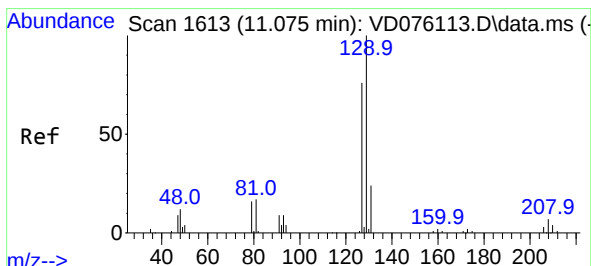
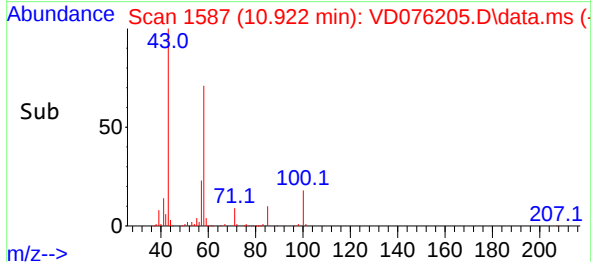
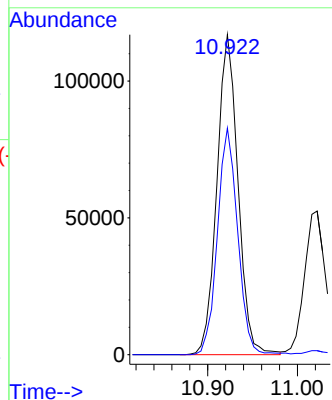
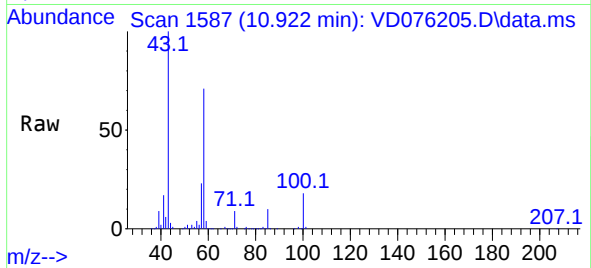




#59
2-Hexanone
Concen: 266.284 ug/l
RT: 10.922 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076205.D
Acq: 23 May 2023 20:59

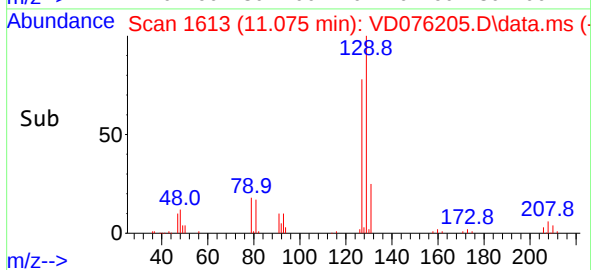
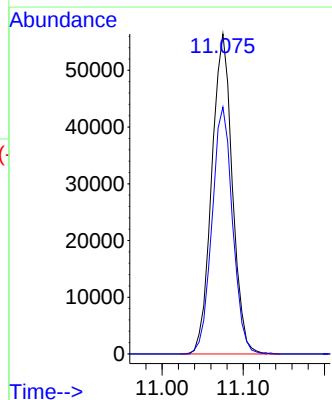
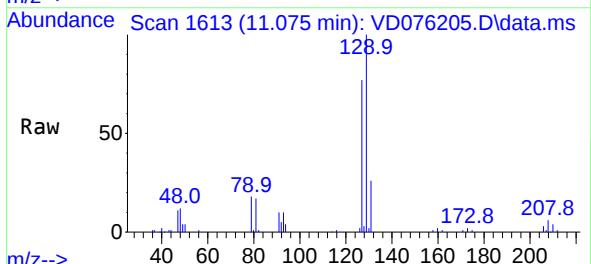
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

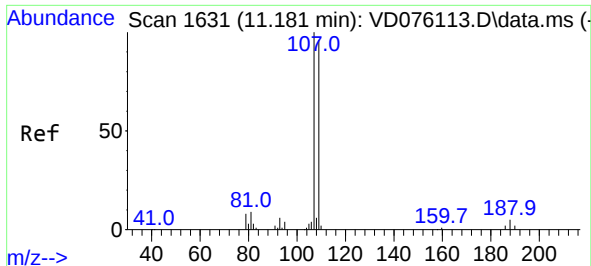
Tgt Ion: 43 Resp: 190765
Ion Ratio Lower Upper
43 100
58 68.2 25.3 75.8



#60
Dibromochloromethane
Concen: 46.915 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD076205.D
Acq: 23 May 2023 20:59

Tgt Ion: 129 Resp: 99289
Ion Ratio Lower Upper
129 100
127 77.1 38.1 114.5

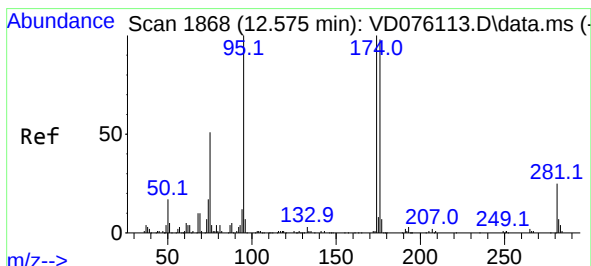
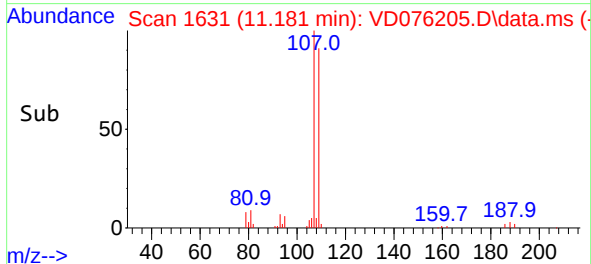
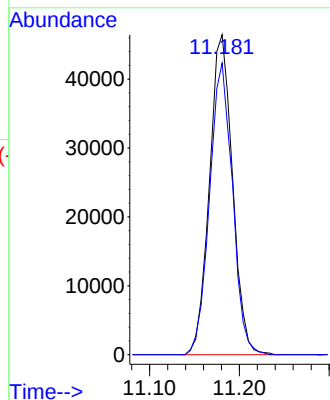
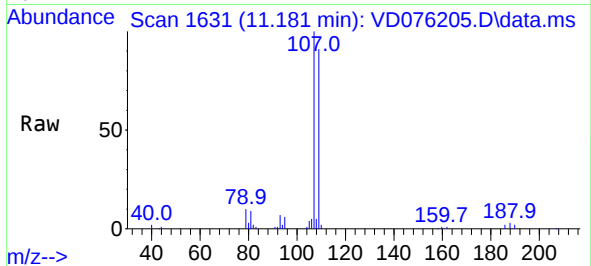




#61
1,2-Dibromoethane
Concen: 49.451 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD076205.D
Acq: 23 May 2023 20:59

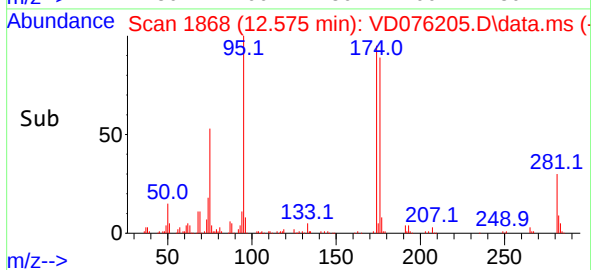
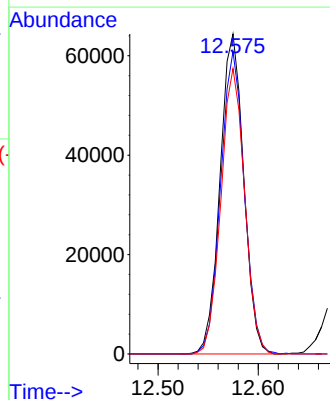
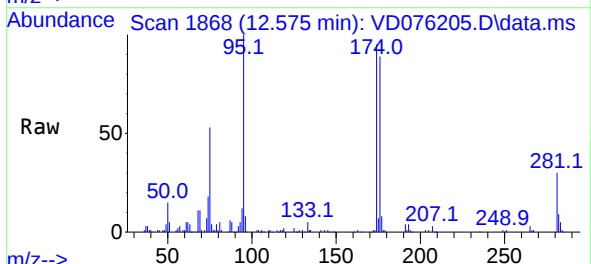
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

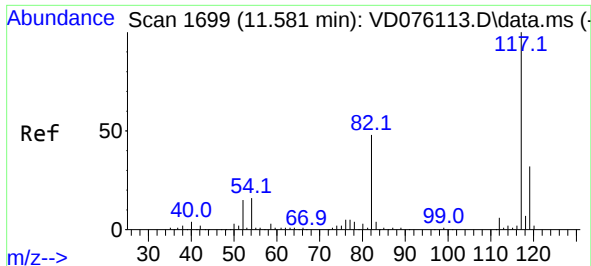
Tgt Ion:107 Resp: 82796
Ion Ratio Lower Upper
107 100
109 90.5 73.6 110.4



#62
4-Bromofluorobenzene
Concen: 44.456 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076205.D
Acq: 23 May 2023 20:59

Tgt Ion: 95 Resp: 105251
Ion Ratio Lower Upper
95 100
174 94.7 0.0 164.0
176 89.3 0.0 156.8

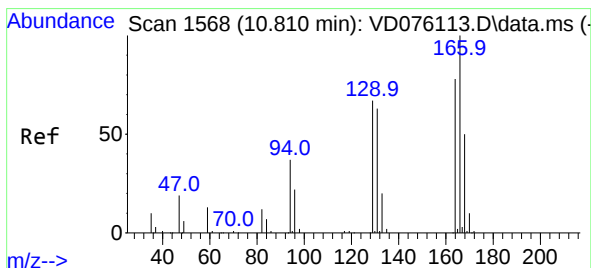
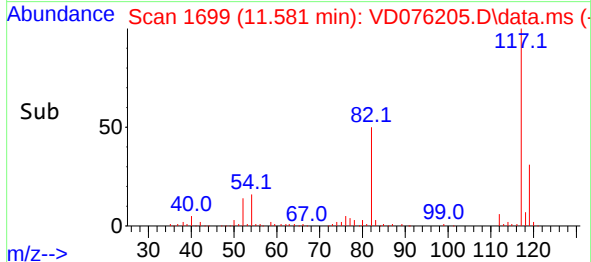
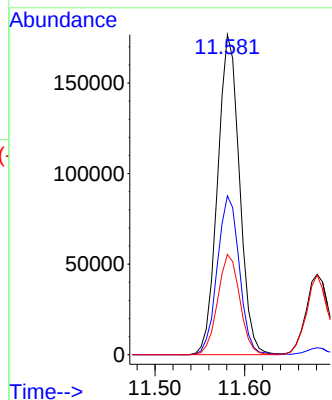
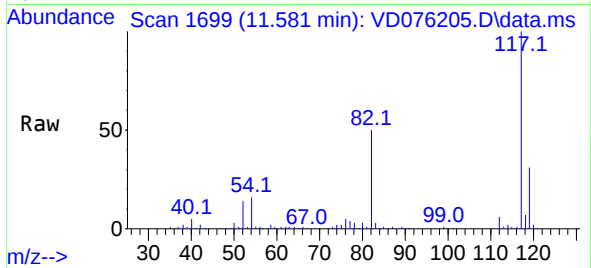




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD076205.D
Acq: 23 May 2023 20:59

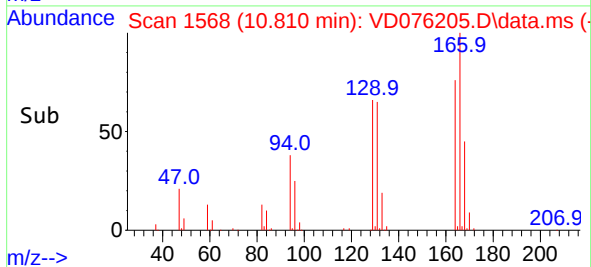
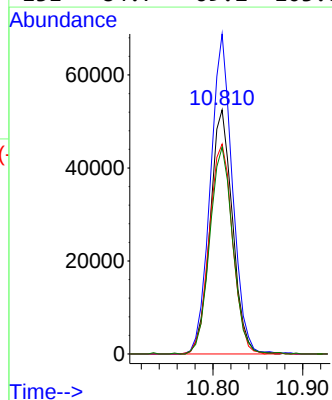
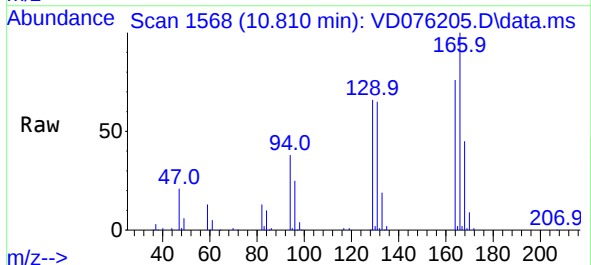
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

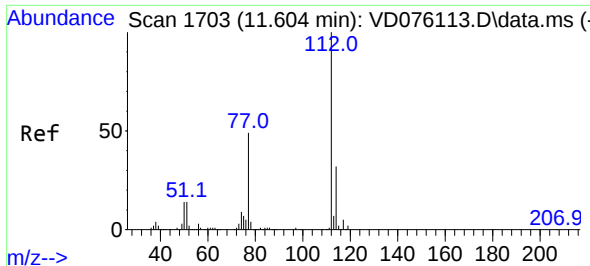
Tgt Ion:117 Resp: 299573
Ion Ratio Lower Upper
117 100
82 49.7 44.0 66.0
119 31.3 25.1 37.7



#64
Tetrachloroethene
Concen: 39.330 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD076205.D
Acq: 23 May 2023 20:59

Tgt Ion:164 Resp: 90601
Ion Ratio Lower Upper
164 100
166 131.0 94.9 142.3
129 85.9 73.0 109.6
131 84.7 69.2 103.8

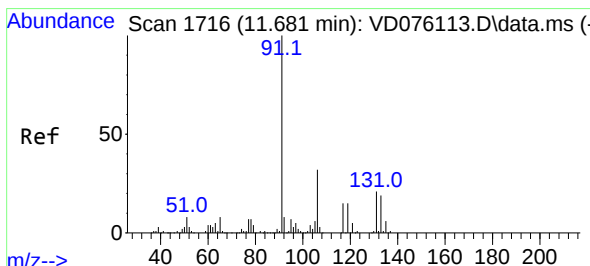
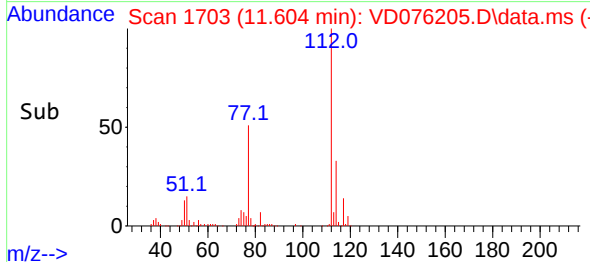
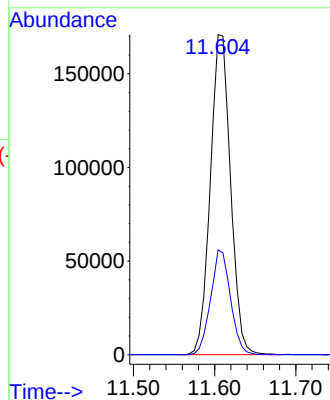
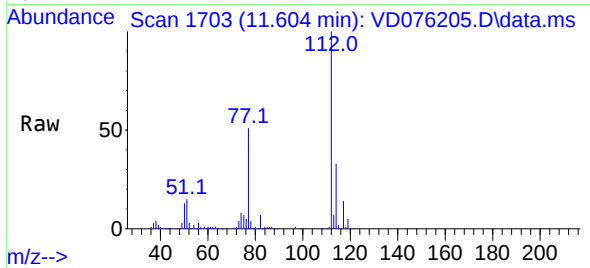




#65
Chlorobenzene
Concen: 43.358 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VD076205.D
Acq: 23 May 2023 20:59

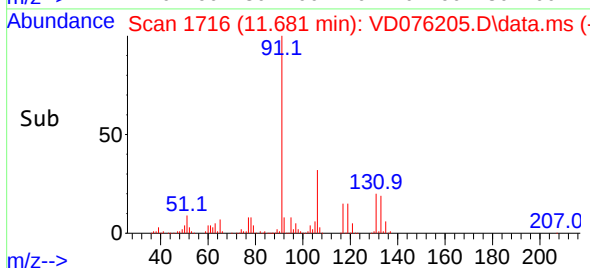
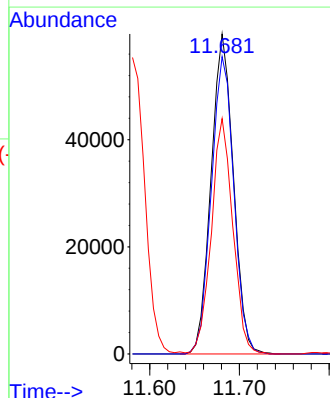
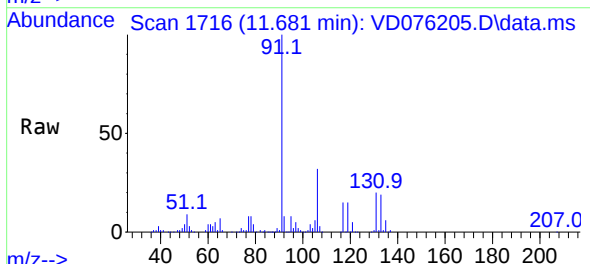
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

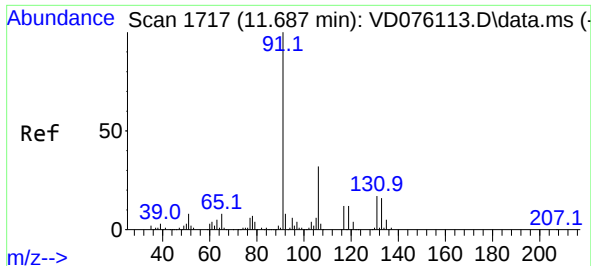
Tgt Ion:112 Resp: 295704
Ion Ratio Lower Upper
112 100
114 32.8 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 43.953 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076205.D
Acq: 23 May 2023 20:59

Tgt Ion:131 Resp: 103159
Ion Ratio Lower Upper
131 100
133 93.8 46.7 140.0
119 70.9 31.9 95.9

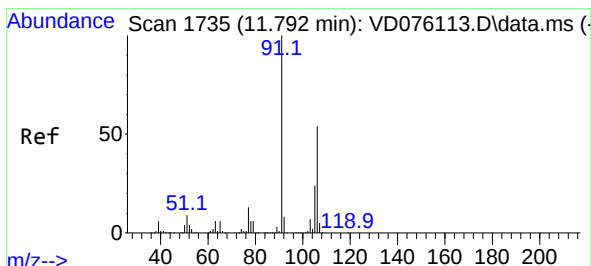
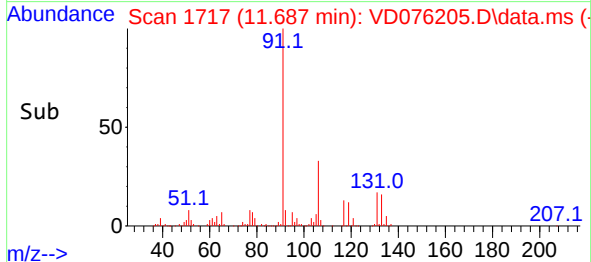
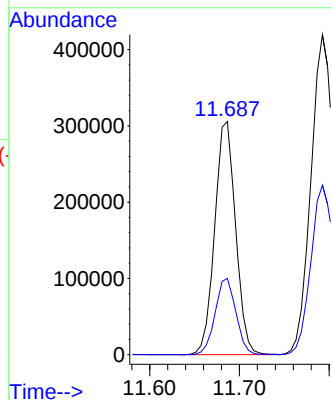
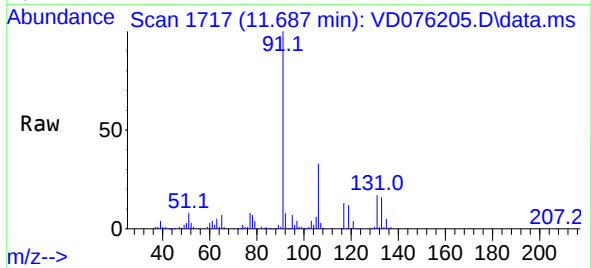




#67
Ethyl Benzene
Concen: 45.428 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD076205.D
Acq: 23 May 2023 20:59

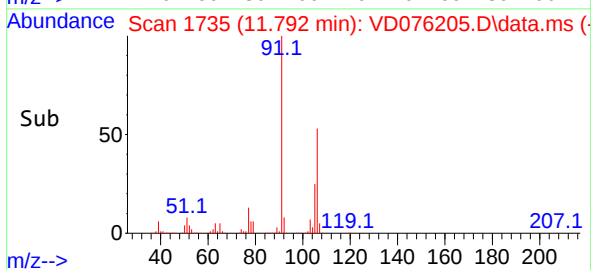
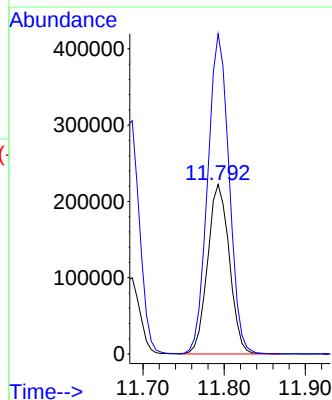
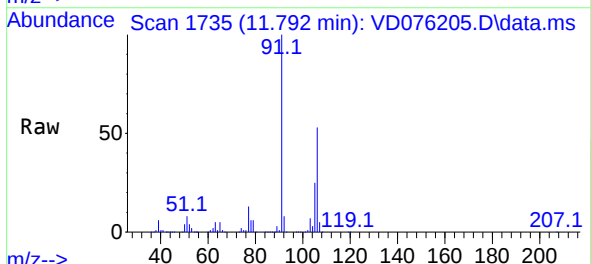
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

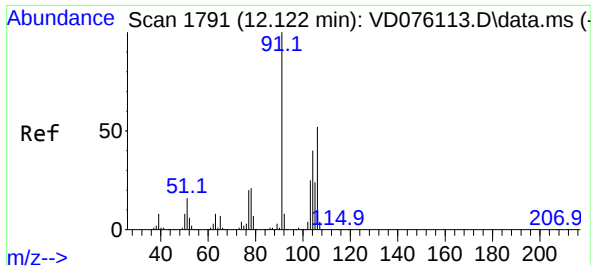
Tgt Ion: 91 Resp: 495061
Ion Ratio Lower Upper
91 100
106 32.7 24.5 36.7



#68
m/p-Xylenes
Concen: 92.650 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.001 min
Lab File: VD076205.D
Acq: 23 May 2023 20:59

Tgt Ion: 106 Resp: 412658
Ion Ratio Lower Upper
106 100
91 186.7 161.5 242.3

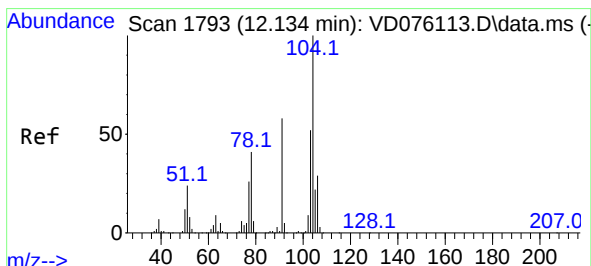
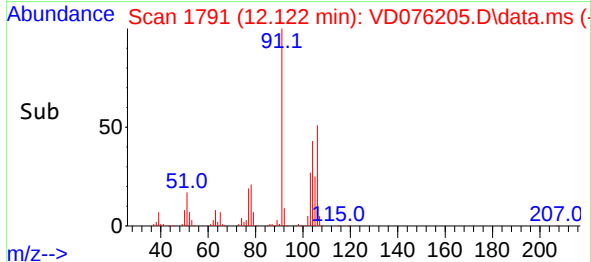
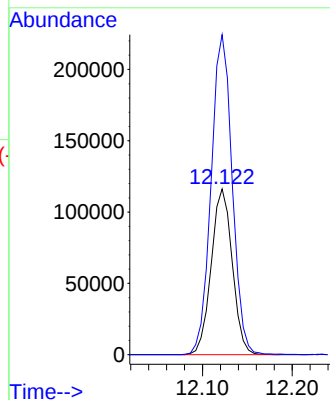
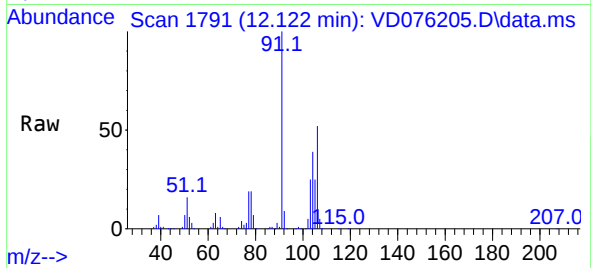




#69
o-Xylene
Concen: 46.520 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD076205.D
Acq: 23 May 2023 20:59

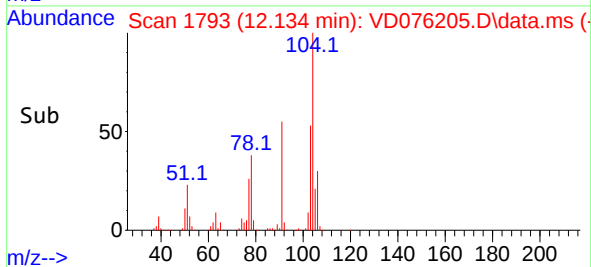
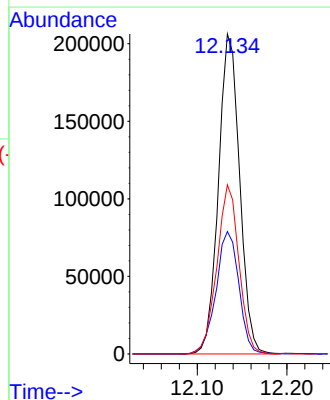
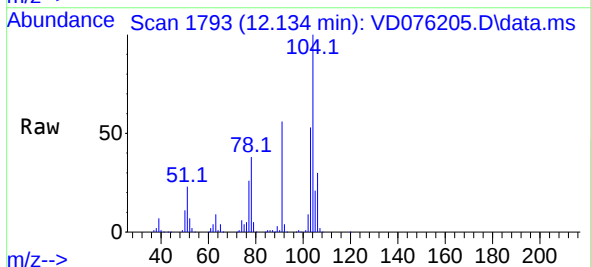
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

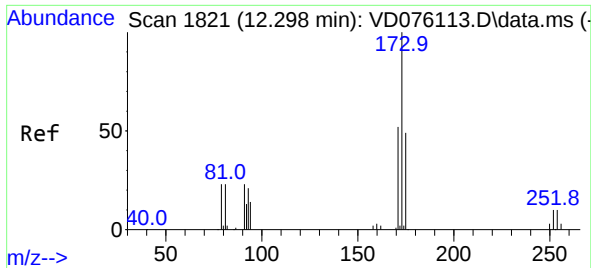
Tgt Ion:106 Resp: 189059
Ion Ratio Lower Upper
106 100
91 193.8 105.7 317.1



#70
Styrene
Concen: 48.011 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD076205.D
Acq: 23 May 2023 20:59

Tgt Ion:104 Resp: 338291
Ion Ratio Lower Upper
104 100
78 41.4 40.2 60.4
103 54.9 44.2 66.2

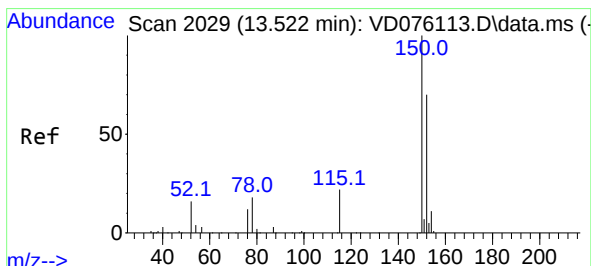
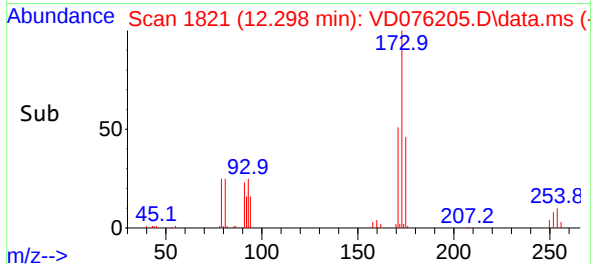
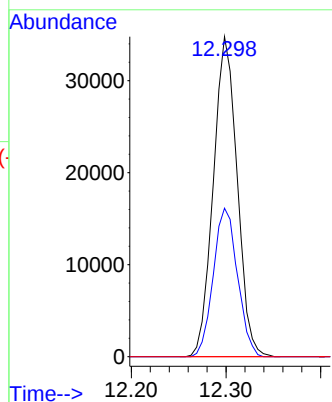
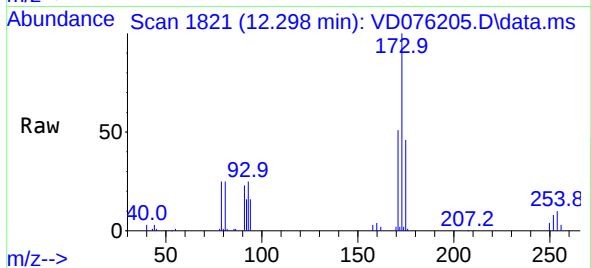




#71
Bromoform
Concen: 46.038 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD076205.D
Acq: 23 May 2023 20:59

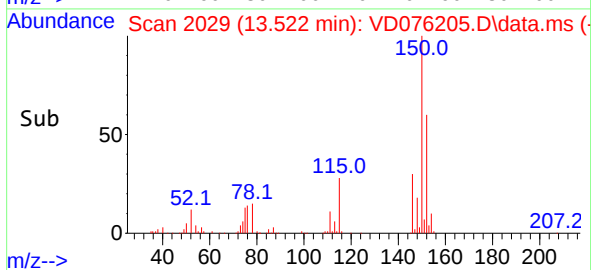
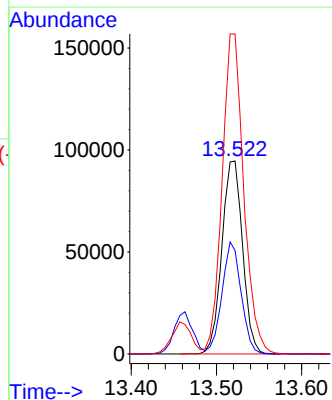
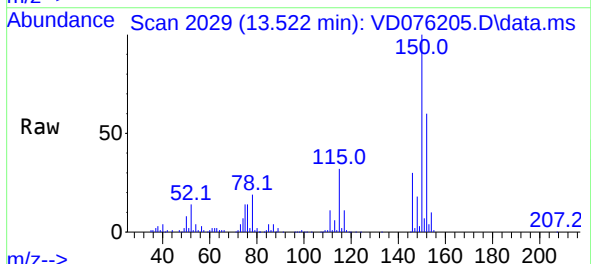
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

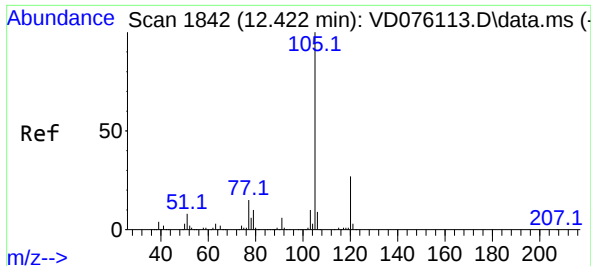
Tgt Ion:	173	Resp:	60778
Ion Ratio	Lower	Upper	
173	100		
175	47.1	23.5	70.5
254	0.0	0.0	0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD076205.D
Acq: 23 May 2023 20:59

Tgt Ion:	152	Resp:	160243
Ion Ratio	Lower	Upper	
152	100		
115	53.5	30.1	90.3
150	173.2	0.0	364.8

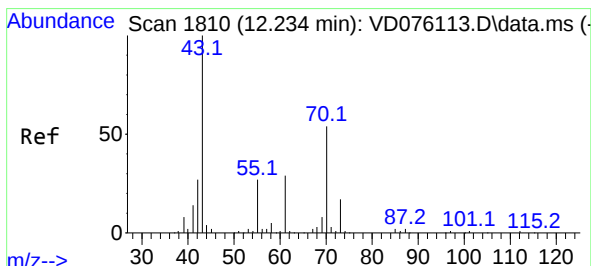
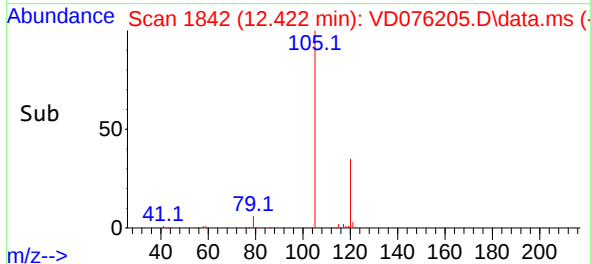
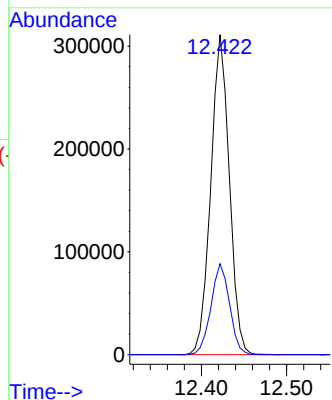
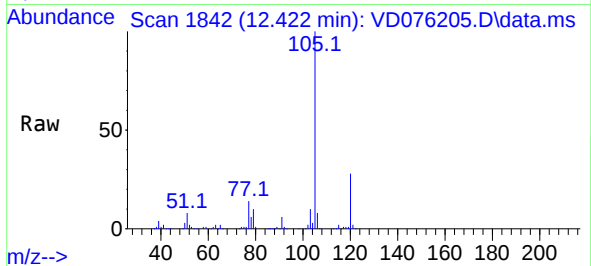




#73
Isopropylbenzene
Concen: 44.432 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD076205.D
Acq: 23 May 2023 20:59

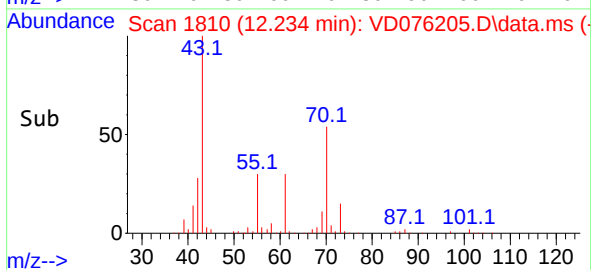
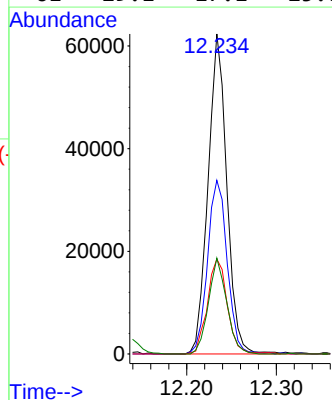
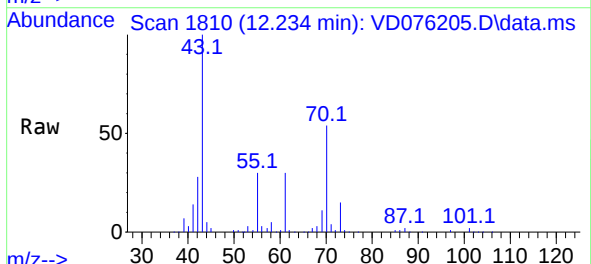
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

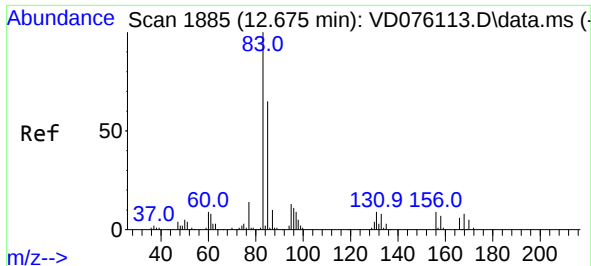
Tgt Ion:105 Resp: 470989
Ion Ratio Lower Upper
105 100
120 28.4 13.4 40.1



#74
N-ethyl acetate
Concen: 47.955 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD076205.D
Acq: 23 May 2023 20:59

Tgt Ion: 43 Resp: 90544
Ion Ratio Lower Upper
43 100
70 57.0 31.0 46.4#
55 31.4 18.6 28.0#
61 29.1 17.1 25.7#

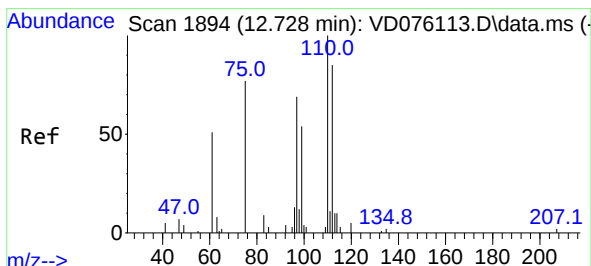
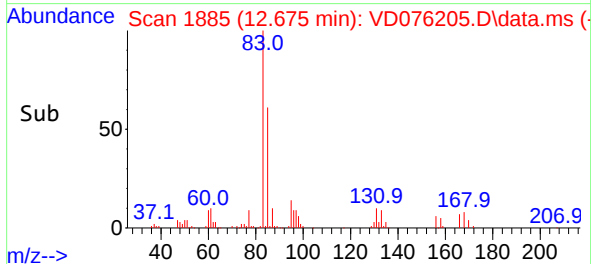
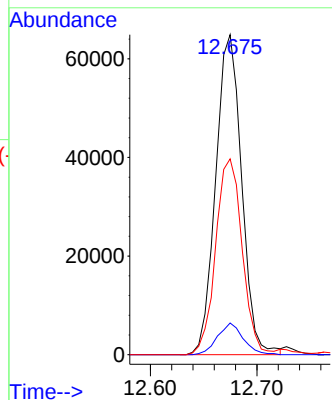
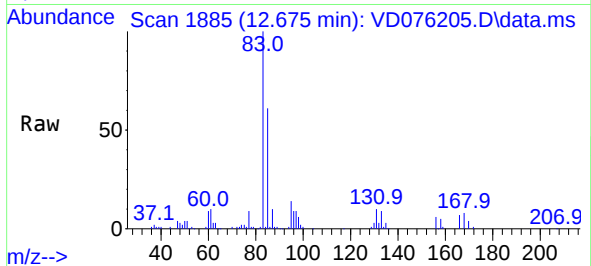




#75
1,1,2,2-Tetrachloroethane
Concen: 48.195 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD076205.D
Acq: 23 May 2023 20:59

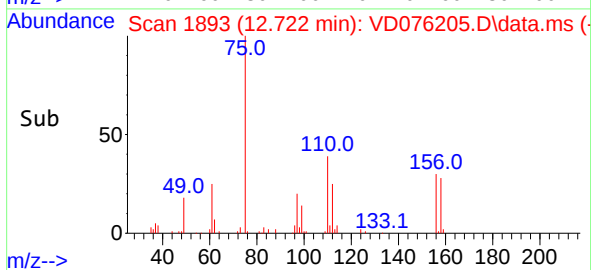
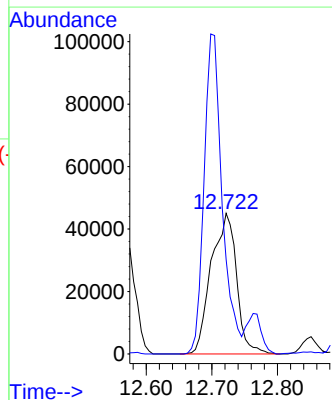
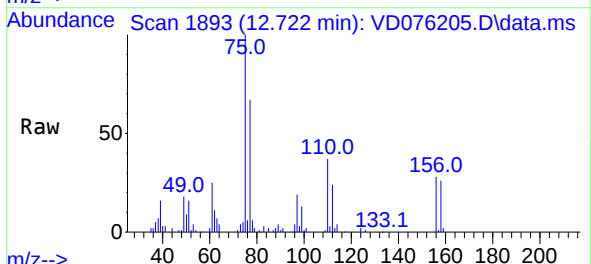
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

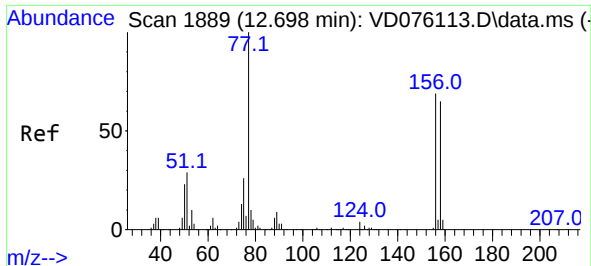
Tgt Ion: 83 Resp: 109800
Ion Ratio Lower Upper
83 100
131 9.8 5.1 15.2
85 62.5 33.6 100.6



#76
1,2,3-Trichloropropane
Concen: 86.094 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. -0.006 min
Lab File: VD076205.D
Acq: 23 May 2023 20:59

Tgt Ion: 75 Resp: 120726
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

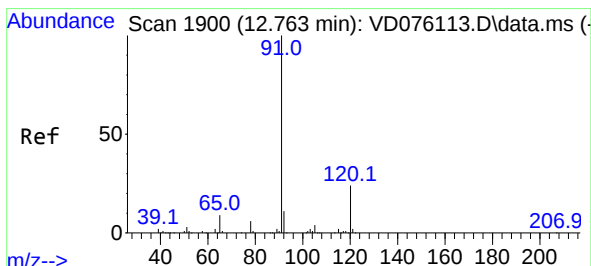
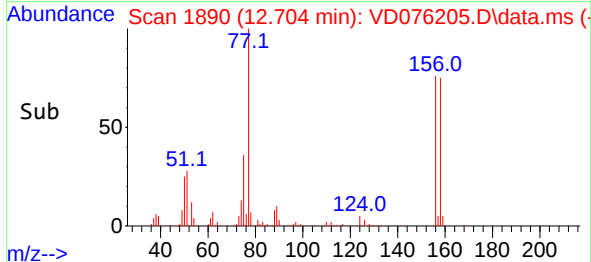
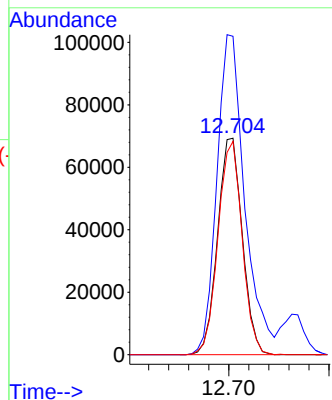
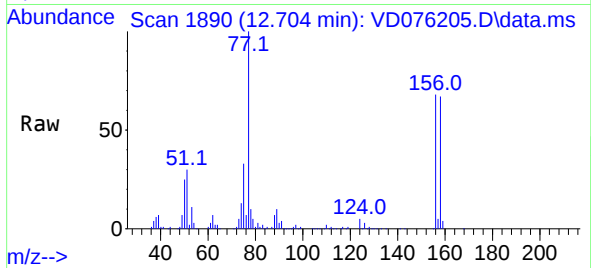




#77
Bromobenzene
Concen: 41.730 ug/l
RT: 12.704 min Scan# 118561
Delta R.T. 0.000 min
Lab File: VD076205.D
Acq: 23 May 2023 20:59

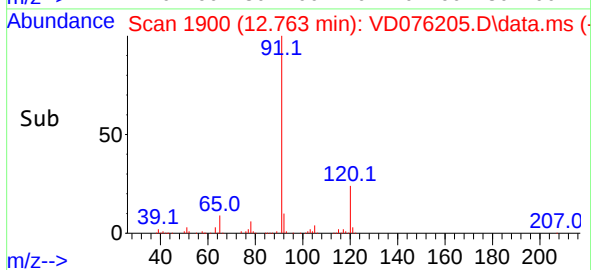
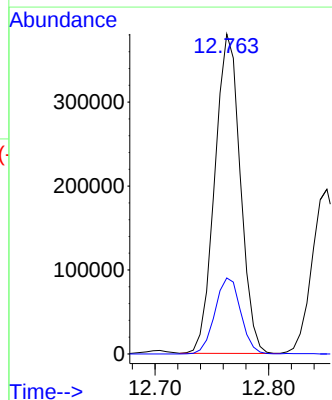
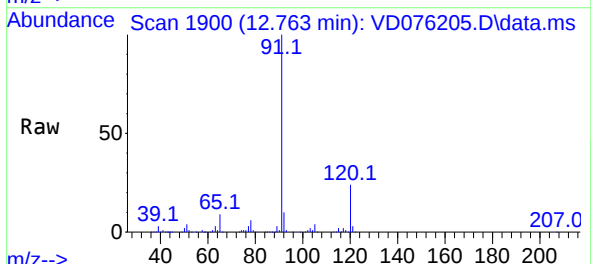
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

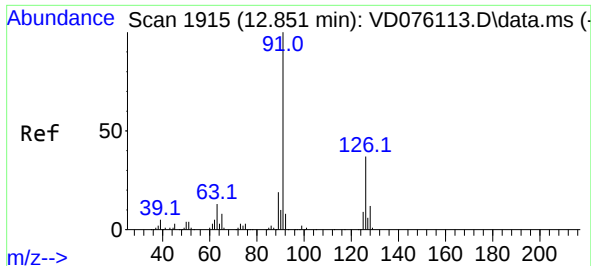
Tgt Ion:156 Resp: 118561
Ion Ratio Lower Upper
156 100
77 166.5 89.5 268.6
158 96.2 47.8 143.4



#78
n-propylbenzene
Concen: 44.993 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD076205.D
Acq: 23 May 2023 20:59

Tgt Ion: 91 Resp: 593657
Ion Ratio Lower Upper
91 100
120 24.0 11.4 34.2

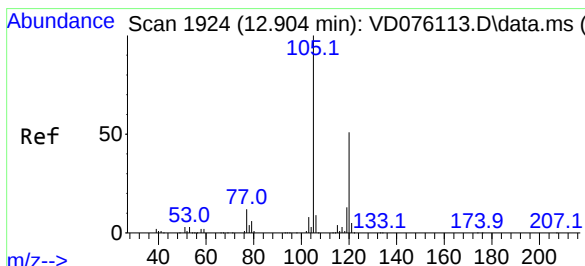
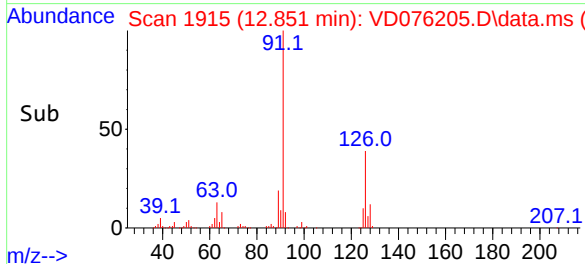
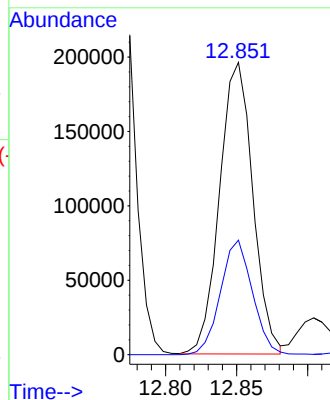
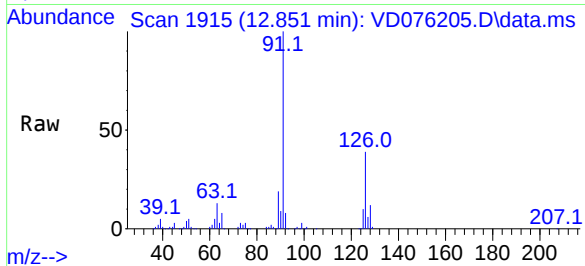




#79
2-Chlorotoluene
Concen: 43.725 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD076205.D
Acq: 23 May 2023 20:59

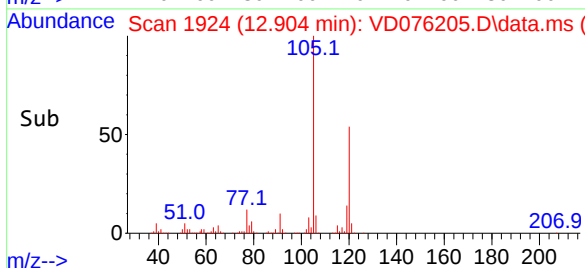
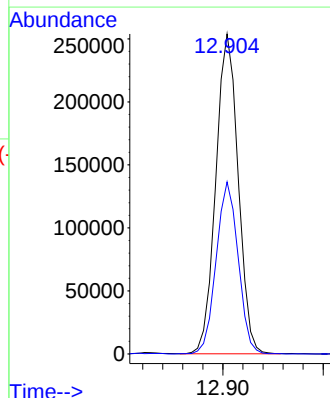
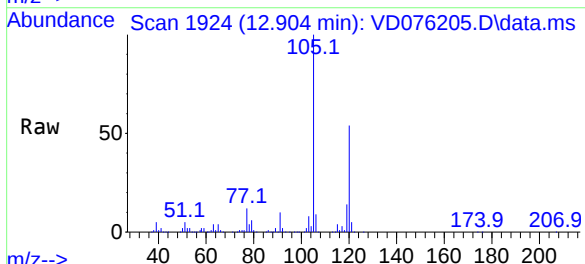
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

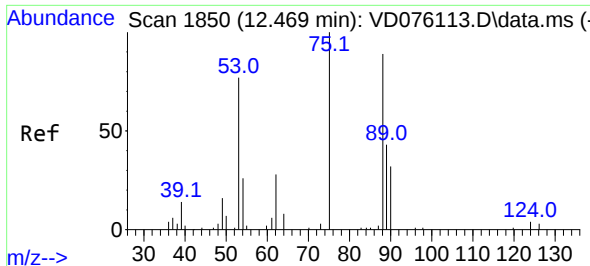
Tgt Ion: 91 Resp: 319301
Ion Ratio Lower Upper
91 100
126 37.8 16.8 50.3



#80
1,3,5-Trimethylbenzene
Concen: 44.697 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD076205.D
Acq: 23 May 2023 20:59

Tgt Ion: 105 Resp: 392775
Ion Ratio Lower Upper
105 100
120 52.9 24.3 72.8

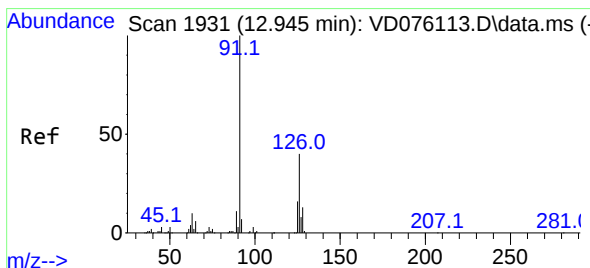
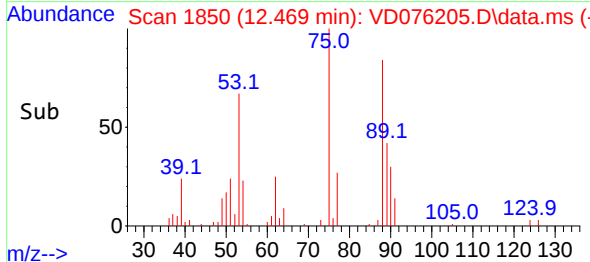
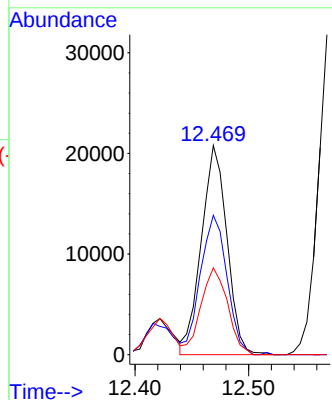
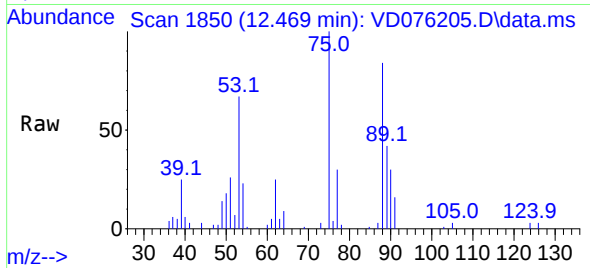




#81
trans-1,4-Dichloro-2-butene
Concen: 48.750 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VD076205.D
Acq: 23 May 2023 20:59

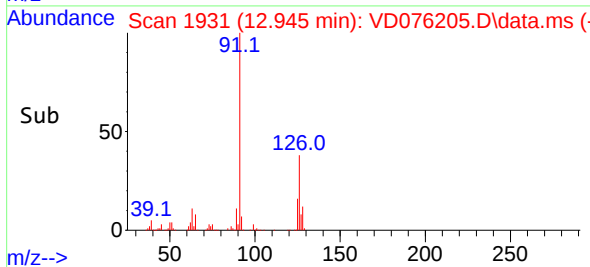
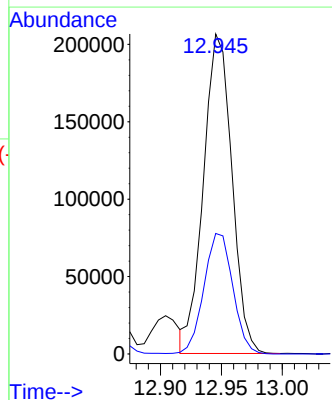
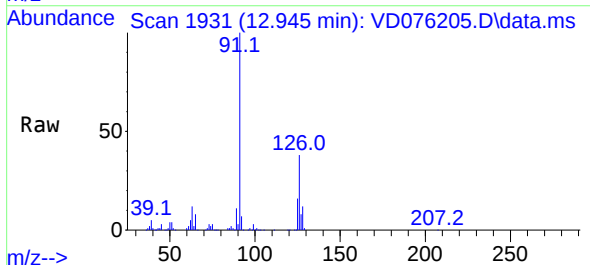
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

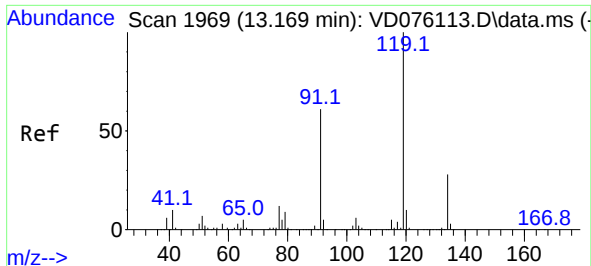
Tgt Ion: 75 Resp: 32586
Ion Ratio Lower Upper
75 100
53 69.2 90.5 135.7#
89 43.3 40.2 60.4



#82
4-Chlorotoluene
Concen: 43.300 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.006 min
Lab File: VD076205.D
Acq: 23 May 2023 20:59

Tgt Ion: 91 Resp: 336327
Ion Ratio Lower Upper
91 100
126 38.3 17.1 51.2

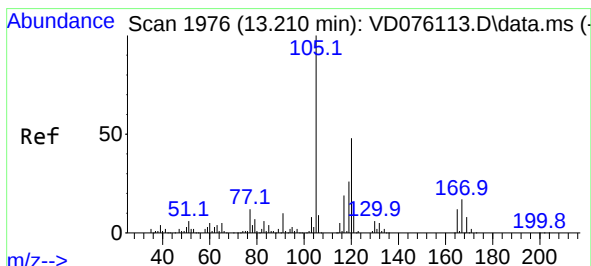
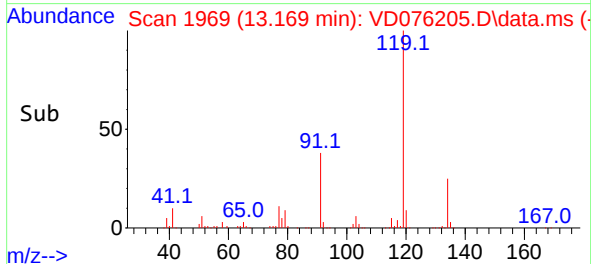
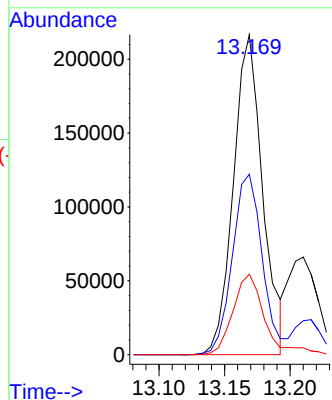
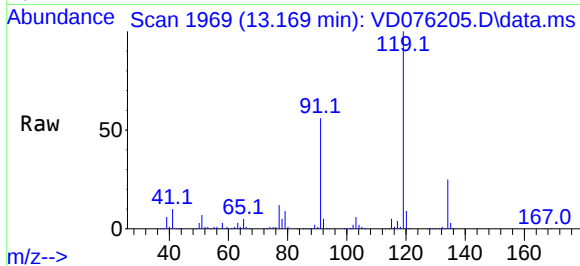




#83
tert-Butylbenzene
Concen: 45.311 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD076205.D
Acq: 23 May 2023 20:59

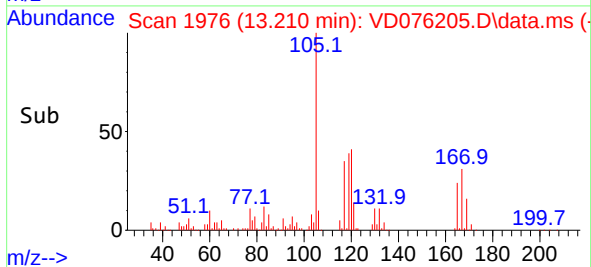
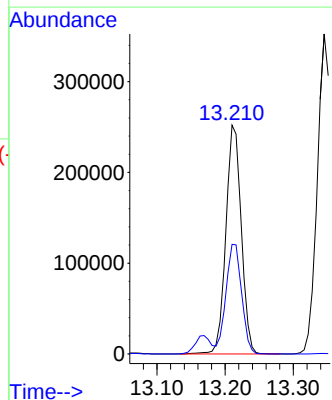
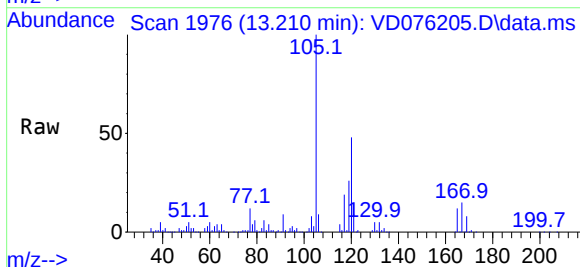
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

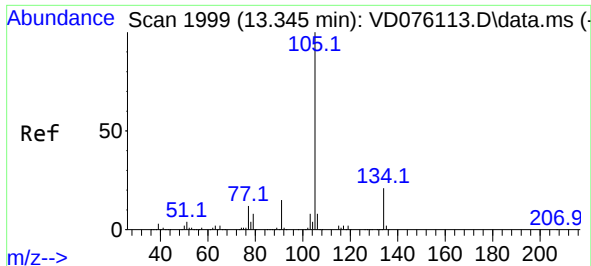
Tgt Ion:119 Resp: 336499
Ion Ratio Lower Upper
119 100
91 57.2 32.4 97.0
134 27.2 13.0 39.0



#84
1,2,4-Trimethylbenzene
Concen: 45.311 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.006 min
Lab File: VD076205.D
Acq: 23 May 2023 20:59

Tgt Ion:105 Resp: 396538
Ion Ratio Lower Upper
105 100
120 48.6 22.3 66.9

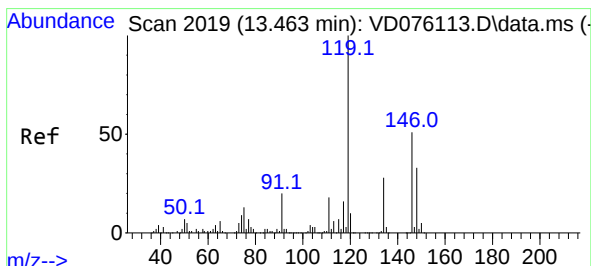
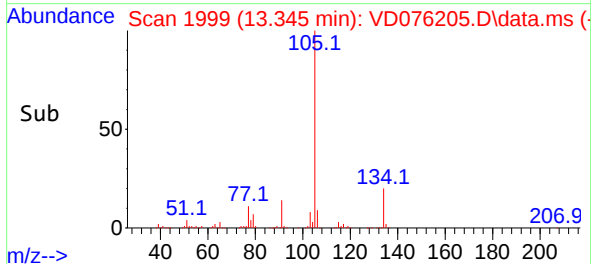
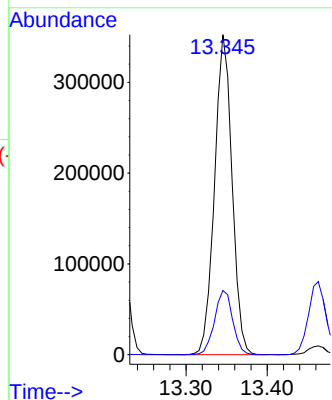
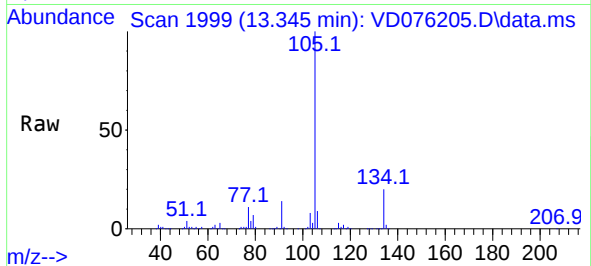




#85
 sec-Butylbenzene
 Concen: 45.614 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD076205.D
 Acq: 23 May 2023 20:59

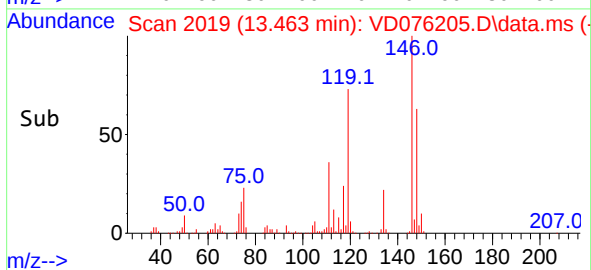
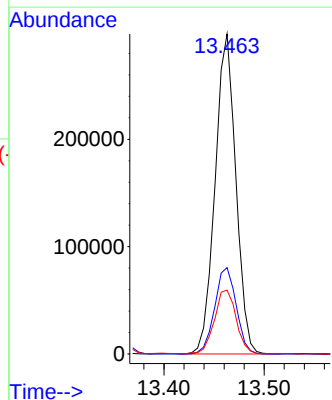
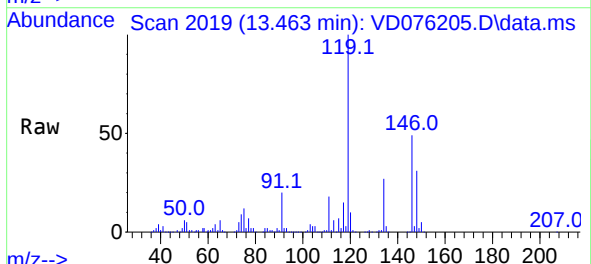
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

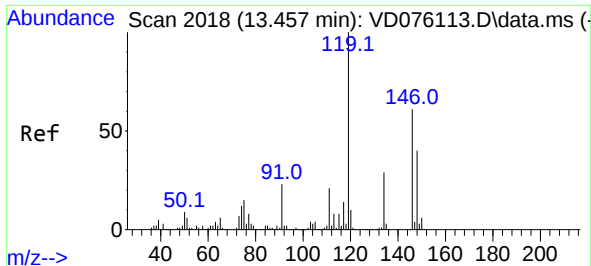
Tgt Ion:105 Resp: 527930
 Ion Ratio Lower Upper
 105 100
 134 20.7 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 45.198 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VD076205.D
 Acq: 23 May 2023 20:59

Tgt Ion:119 Resp: 428043
 Ion Ratio Lower Upper
 119 100
 134 27.9 13.1 39.3
 91 20.7 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 43.230 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.006 min

Lab File: VD076205.D

Acq: 23 May 2023 20:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

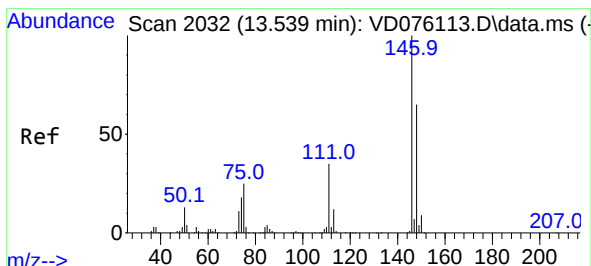
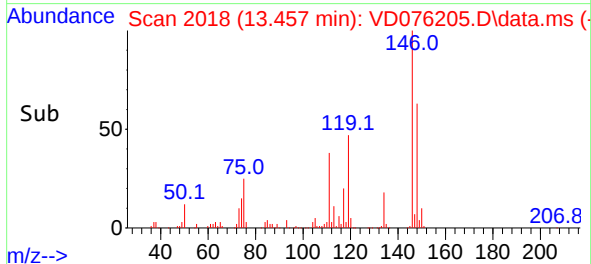
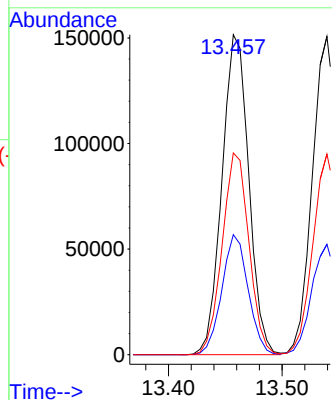
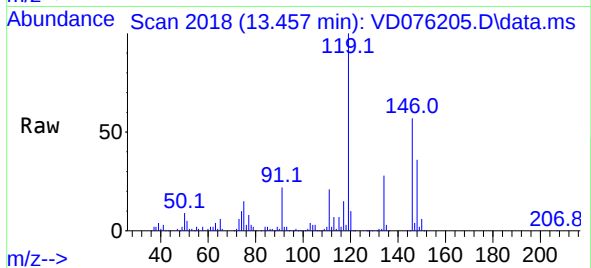
Tgt Ion:146 Resp: 248336

Ion Ratio Lower Upper

146 100

111 36.9 19.8 59.3

148 63.2 31.0 93.0



#88

1,4-Dichlorobenzene

Concen: 43.039 ug/l

RT: 13.539 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VD076205.D

Acq: 23 May 2023 20:59

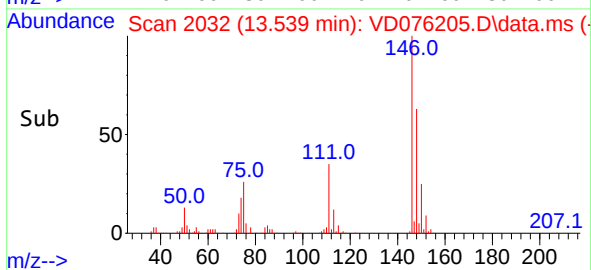
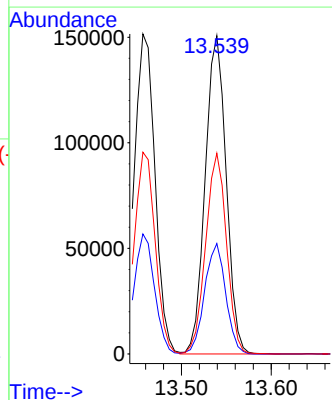
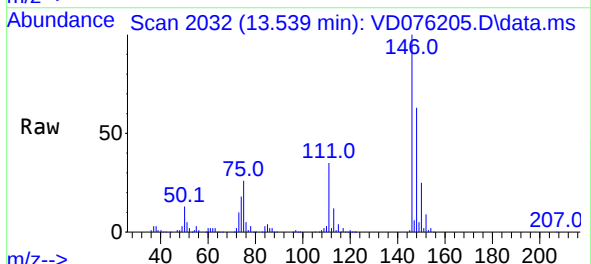
Tgt Ion:146 Resp: 244807

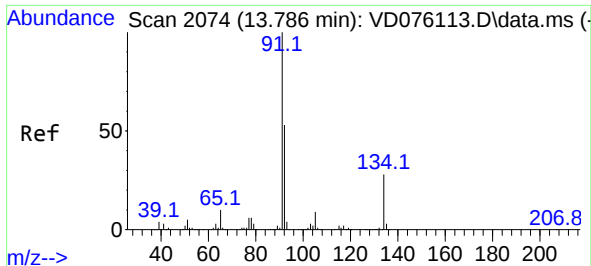
Ion Ratio Lower Upper

146 100

111 34.9 19.6 58.8

148 62.8 31.7 95.1





#89

n-Butylbenzene

Concen: 43.782 ug/l

RT: 13.786 min Scan# 2074

Delta R.T. -0.006 min

Lab File: VD076205.D

Acq: 23 May 2023 20:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

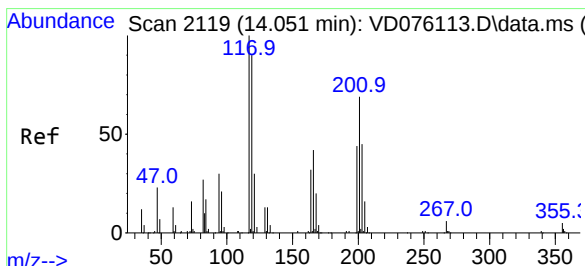
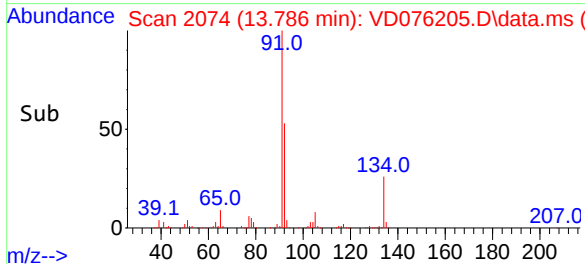
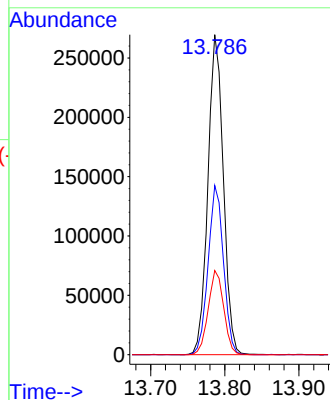
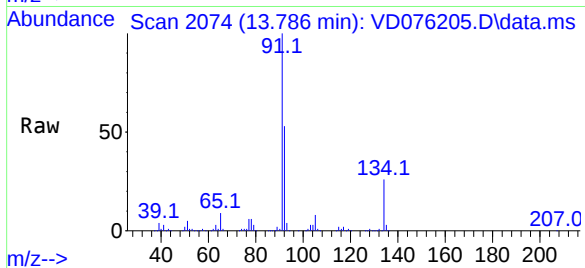
Tgt Ion: 91 Resp: 390738

Ion Ratio Lower Upper

91 100

92 52.6 26.2 78.5

134 26.4 12.7 38.0



#90

Hexachloroethane

Concen: 42.289 ug/l

RT: 14.057 min Scan# 2120

Delta R.T. 0.000 min

Lab File: VD076205.D

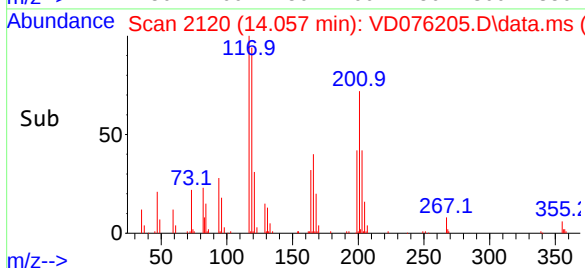
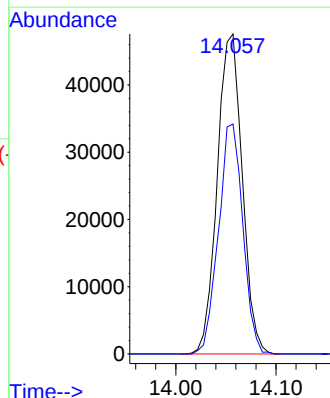
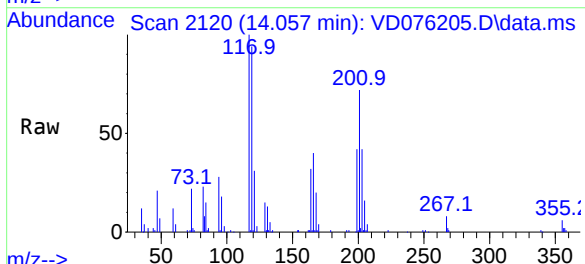
Acq: 23 May 2023 20:59

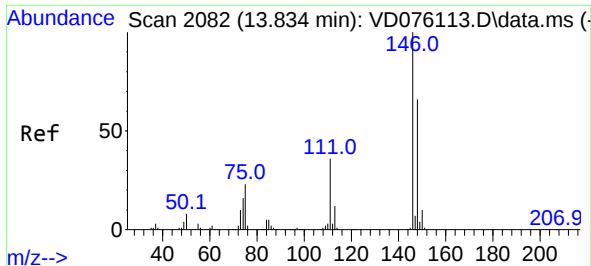
Tgt Ion: 117 Resp: 82378

Ion Ratio Lower Upper

117 100

201 70.0 34.5 103.6

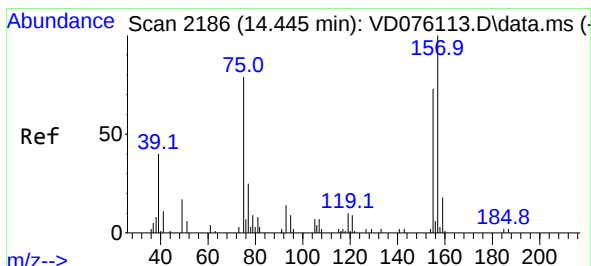
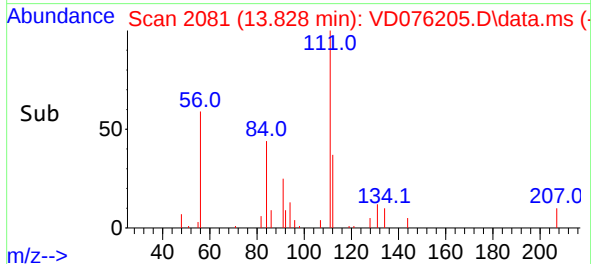
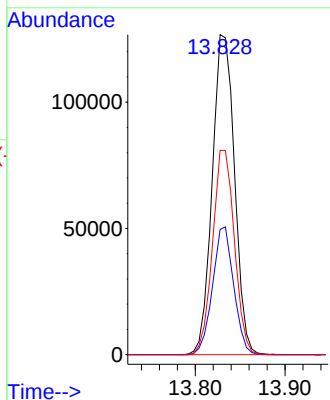
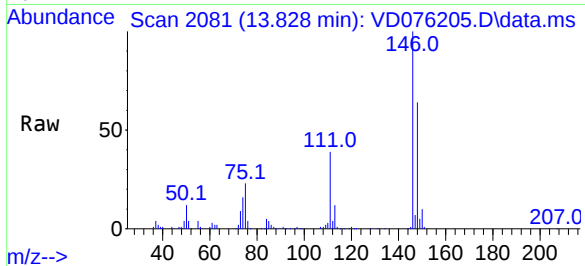




#91
1,2-Dichlorobenzene
Concen: 43.398 ug/l
RT: 13.828 min Scan# 2082
Delta R.T. -0.006 min
Lab File: VD076205.D
Acq: 23 May 2023 20:59

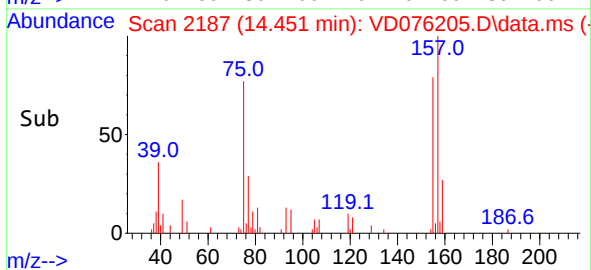
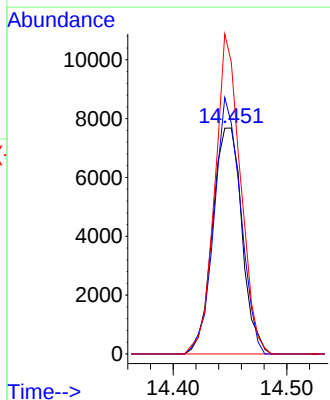
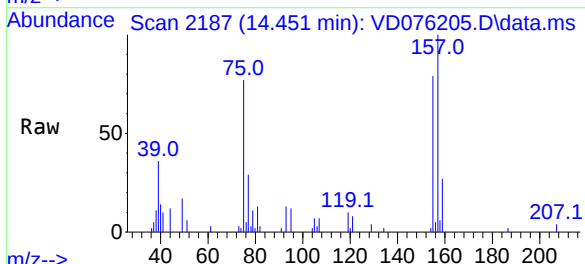
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

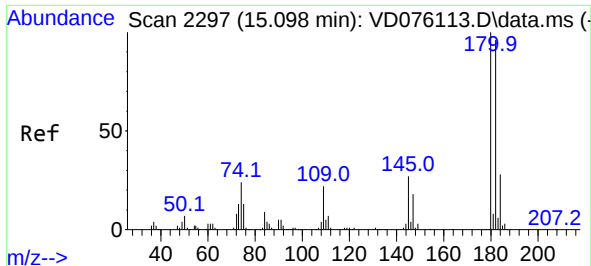
Tgt Ion:146 Resp: 218780
Ion Ratio Lower Upper
146 100
111 37.9 20.6 61.8
148 62.6 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.688 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VD076205.D
Acq: 23 May 2023 20:59

Tgt Ion: 75 Resp: 13811
Ion Ratio Lower Upper
75 100
155 102.2 39.5 118.5
157 122.9 53.5 160.7

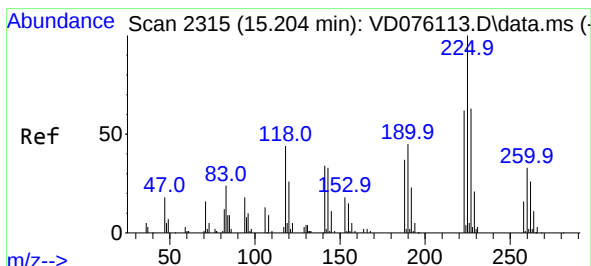
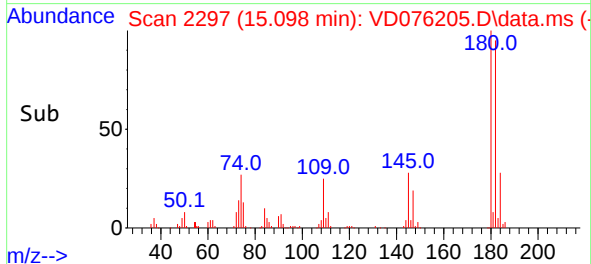
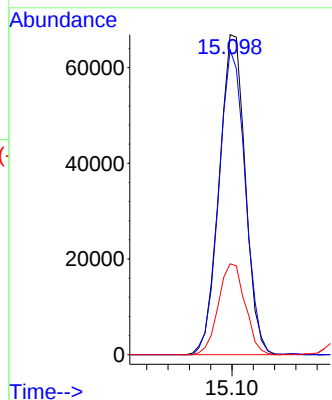
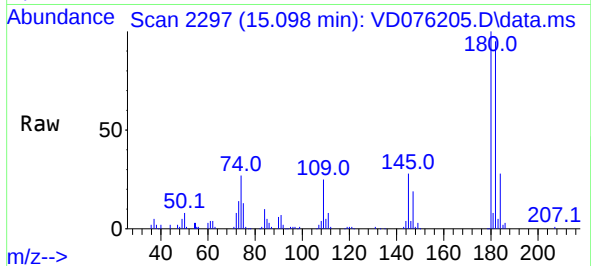




#93
1,2,4-Trichlorobenzene
Concen: 38.851 ug/l
RT: 15.098 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD076205.D
Acq: 23 May 2023 20:59

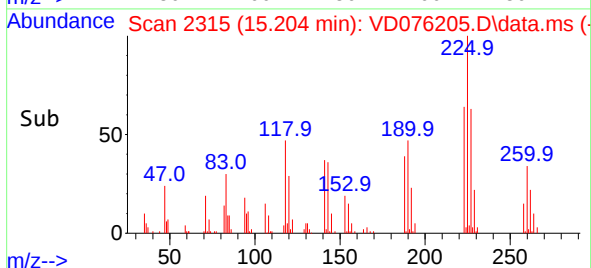
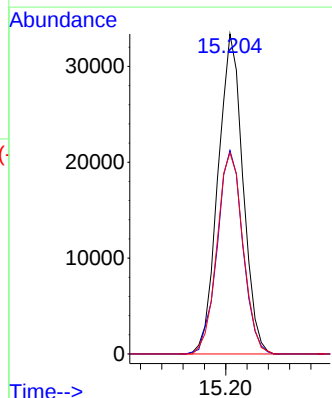
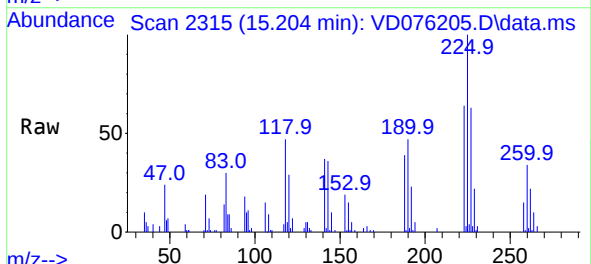
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

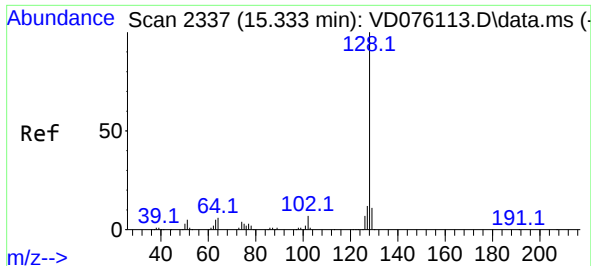
Tgt Ion:180 Resp: 113925
Ion Ratio Lower Upper
180 100
182 95.6 47.9 143.7
145 29.0 15.9 47.7



#94
Hexachlorobutadiene
Concen: 36.235 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. 0.000 min
Lab File: VD076205.D
Acq: 23 May 2023 20:59

Tgt Ion:225 Resp: 54176
Ion Ratio Lower Upper
225 100
223 64.9 33.1 99.2
227 65.2 31.9 95.9

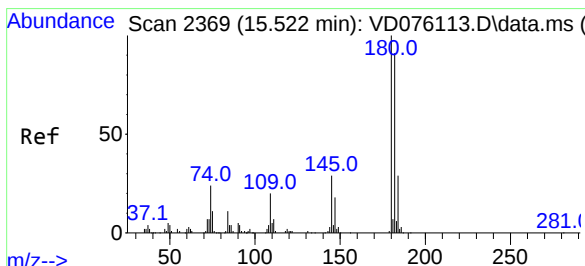
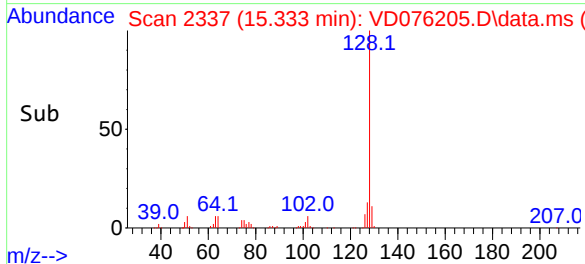
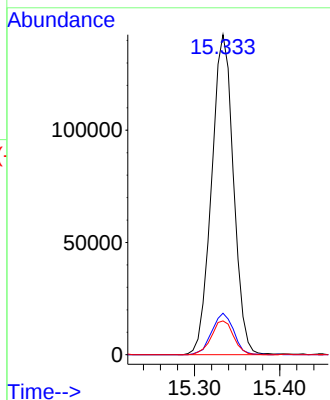
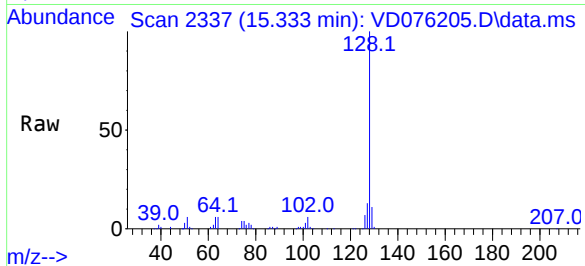




#95
Naphthalene
Concen: 46.724 ug/l
RT: 15.333 min Scan# 21
Delta R.T. -0.001 min
Lab File: VD076205.D
Acq: 23 May 2023 20:59

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 254576
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.7 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 40.599 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.006 min
Lab File: VD076205.D
Acq: 23 May 2023 20:59

Tgt Ion:180 Resp: 108273
Ion Ratio Lower Upper
180 100
182 93.3 47.7 143.1
145 30.1 16.4 49.4

