

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051823\
 Data File : VD076131.D
 Acq On : 18 May 2023 09:56
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: May 19 01:51:14 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	201852	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	334812	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	315169	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	163634	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	100106	51.314	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.620%	
35) Dibromofluoromethane	7.804	113	118695	51.288	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.580%	
50) Toluene-d8	10.269	98	480220	53.230	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 106.460%	
62) 4-Bromofluorobenzene	12.575	95	132952	53.052	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 106.100%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.934	85	89258	49.030	ug/l	95
3) Chloromethane	2.146	50	170483	57.706	ug/l	100
4) Vinyl Chloride	2.281	62	222378	56.640	ug/l	99
5) Bromomethane	2.687	94	150176	56.814	ug/l	98
6) Chloroethane	2.834	64	152593	57.770	ug/l	94
7) Trichlorofluoromethane	3.175	101	168633	50.674	ug/l	99
8) Diethyl Ether	3.593	74	55647	50.848	ug/l	74
9) 1,1,2-Trichlorotrifluo...	3.969	101	115141	52.527	ug/l	94
10) Methyl Iodide	4.158	142	141865	62.244	ug/l	90
11) Tert butyl alcohol	5.052	59	24437	236.801	ug/l #	100
12) 1,1-Dichloroethene	3.940	96	115497	52.941	ug/l	89
13) Acrolein	3.799	56	55935	221.468	ug/l	94
14) Allyl chloride	4.558	41	120077	54.233	ug/l #	79
15) Acrylonitrile	5.257	53	115015	253.827	ug/l	96
16) Acetone	4.022	43	108488	279.503	ug/l #	80
17) Carbon Disulfide	4.269	76	327226	55.738	ug/l	96
18) Methyl Acetate	4.563	43	70167	50.677	ug/l #	79
19) Methyl tert-butyl Ether	5.316	73	229547	53.758	ug/l	99
20) Methylene Chloride	4.799	84	152418	49.581	ug/l #	82
21) trans-1,2-Dichloroethene	5.310	96	132892	52.854	ug/l	82
22) Diisopropyl ether	6.216	45	292383	56.893	ug/l #	88
23) Vinyl Acetate	6.157	43	665346	329.265	ug/l #	90
24) 1,1-Dichloroethane	6.110	63	215606	53.196	ug/l	97
25) 2-Butanone	7.087	43	133097	272.717	ug/l #	77
26) 2,2-Dichloropropane	7.081	77	182107	55.103	ug/l	92
27) cis-1,2-Dichloroethene	7.081	96	151679	54.362	ug/l	85
28) Bromochloromethane	7.428	49	71573	52.961	ug/l #	66
29) Tetrahydrofuran	7.446	42	75598	265.760	ug/l #	68
30) Chloroform	7.593	83	233747	53.930	ug/l	96
31) Cyclohexane	7.875	56	156404	52.348	ug/l	84
32) 1,1,1-Trichloroethane	7.793	97	182675	52.886	ug/l	97
36) 1,1-Dichloropropene	8.004	75	166332	53.217	ug/l	95
37) Ethyl Acetate	7.163	43	54889	50.714	ug/l #	79
38) Carbon Tetrachloride	7.993	117	146140	51.764	ug/l	97
39) Methylcyclohexane	9.275	83	191386	53.185	ug/l	94
40) Benzene	8.251	78	530559	52.799	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	29116	49.061	ug/l #	71
42) 1,2-Dichloroethane	8.328	62	122566	51.568	ug/l	92
43) Isopropyl Acetate	8.357	43	97999	48.471	ug/l #	80
44) Trichloroethene	9.028	130	139722	49.338	ug/l	92
45) 1,2-Dichloropropane	9.304	63	129818	52.375	ug/l	96
46) Dibromomethane	9.393	93	72124	51.913	ug/l	97
47) Bromodichloromethane	9.587	83	172067	51.532	ug/l	97
48) Methyl methacrylate	9.381	41	44384	49.601	ug/l #	62
49) 1,4-Dioxane	9.387	88	15497	1043.081	ug/l #	78
51) 4-Methyl-2-Pentanone	10.157	43	266453	247.796	ug/l #	79
52) Toluene	10.334	92	345154	54.995	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	159895	53.131	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	195192	53.148	ug/l #	77
55) 1,1,2-Trichloroethane	10.734	97	101358	50.874	ug/l	96
56) Ethyl methacrylate	10.598	69	105535	52.699	ug/l #	67
57) 1,3-Dichloropropane	10.881	76	163889	52.432	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	242832	252.726	ug/l	92
59) 2-Hexanone	10.922	43	199376	262.916	ug/l	76
60) Dibromochloromethane	11.075	129	116232	51.884	ug/l	99
61) 1,2-Dibromoethane	11.181	107	91133	51.421	ug/l	96
64) Tetrachloroethene	10.810	164	115952	47.844	ug/l	97
65) Chlorobenzene	11.610	112	363342	50.640	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	124917	50.590	ug/l	95
67) Ethyl Benzene	11.687	91	632836	55.197	ug/l	98
68) m/p-Xylenes	11.792	106	518504	110.654	ug/l	91
69) o-Xylene	12.122	106	237154	55.466	ug/l	92
70) Styrene	12.139	104	414924	55.973	ug/l	94
71) Bromoform	12.298	173	65916	47.459	ug/l #	97
73) Isopropylbenzene	12.422	105	591707	54.663	ug/l	98
74) N-amyl acetate	12.234	43	91262	47.333	ug/l #	77
75) 1,1,2,2-Tetrachloroethane	12.675	83	112949	48.550	ug/l	97
76) 1,2,3-Trichloropropane	12.728	75	128800	89.948	ug/l #	100
77) Bromobenzene	12.704	156	144486	49.800	ug/l	92
78) n-propylbenzene	12.763	91	739577	54.891	ug/l	97
79) 2-Chlorotoluene	12.851	91	400742	53.741	ug/l	92
80) 1,3,5-Trimethylbenzene	12.904	105	490299	54.639	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.469	75	33232	48.686	ug/l #	72
82) 4-Chlorotoluene	12.945	91	419382	52.874	ug/l	95
83) tert-Butylbenzene	13.169	119	416170	54.877	ug/l	94
84) 1,2,4-Trimethylbenzene	13.216	105	494390	55.322	ug/l	95
85) sec-Butylbenzene	13.345	105	652054	55.171	ug/l	98
86) p-Isopropyltoluene	13.463	119	537400	55.570	ug/l	95
87) 1,3-Dichlorobenzene	13.457	146	304149	51.849	ug/l	96
88) 1,4-Dichlorobenzene	13.539	146	299315	51.531	ug/l	97
89) n-Butylbenzene	13.786	91	496091	54.435	ug/l	99
90) Hexachloroethane	14.057	117	99870	50.206	ug/l	98
91) 1,2-Dichlorobenzene	13.833	146	260509	50.605	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	13529	44.787	ug/l	78
93) 1,2,4-Trichlorobenzene	15.098	180	142154	47.473	ug/l	97
94) Hexachlorobutadiene	15.204	225	68556	44.903	ug/l	97
95) Naphthalene	15.333	128	268067	48.180	ug/l	100
96) 1,2,3-Trichlorobenzene	15.522	180	123372	45.302	ug/l	98

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

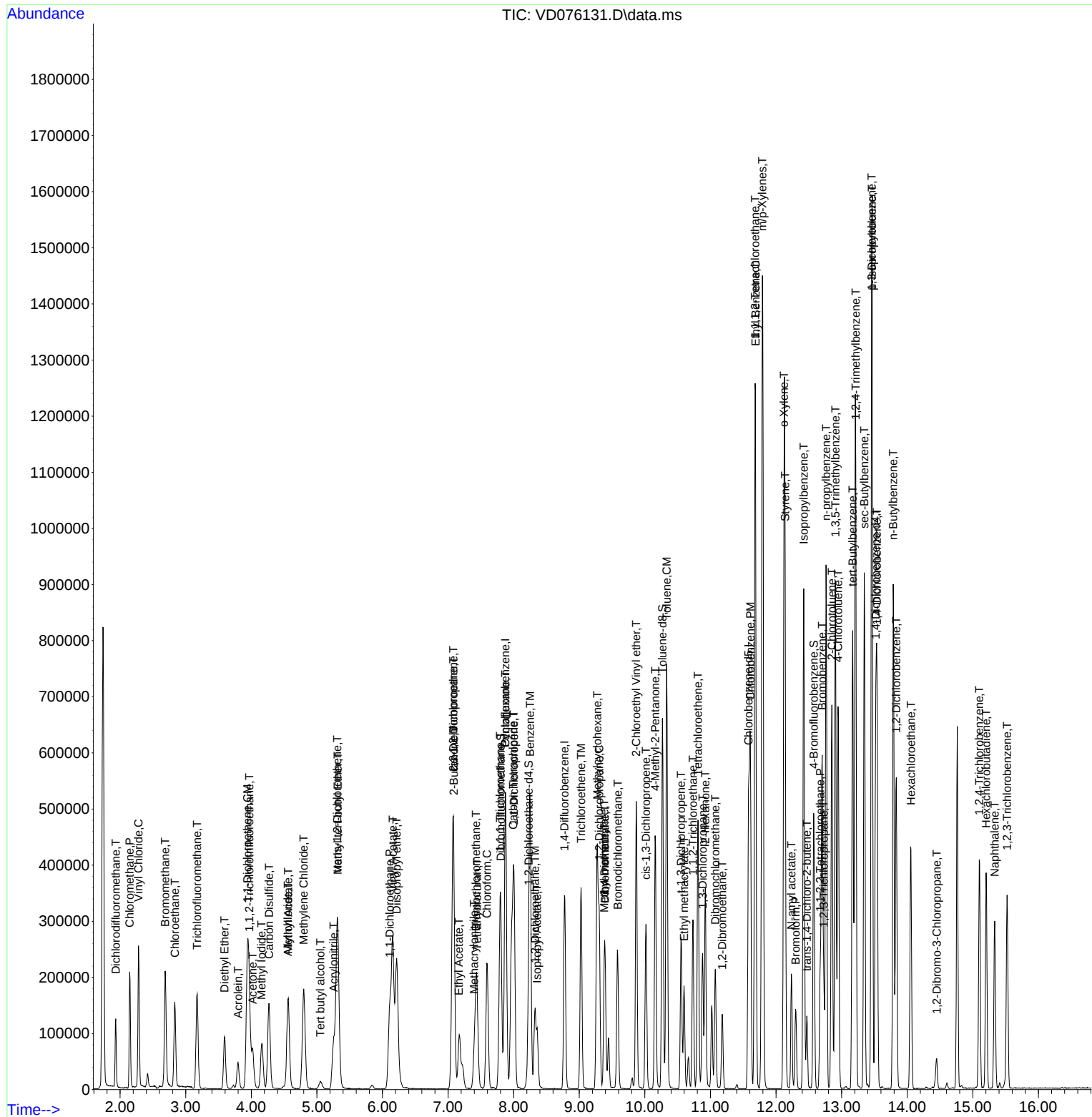
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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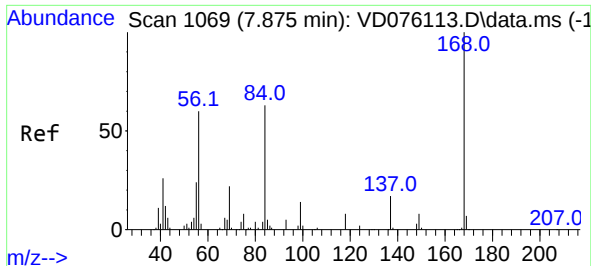
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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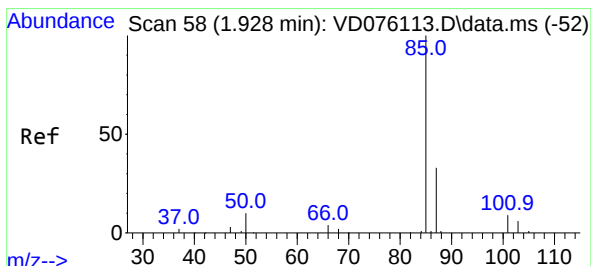
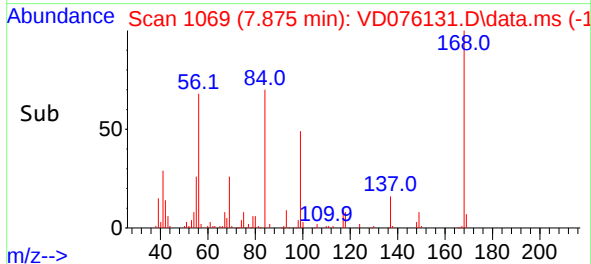
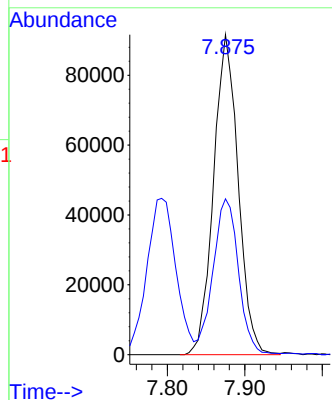
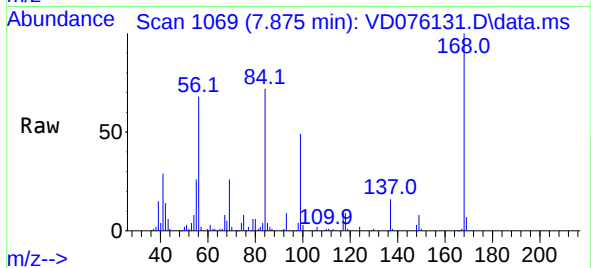




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD076131.D
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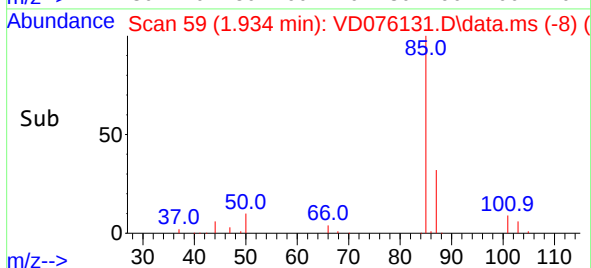
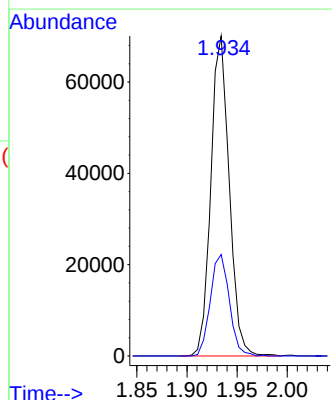
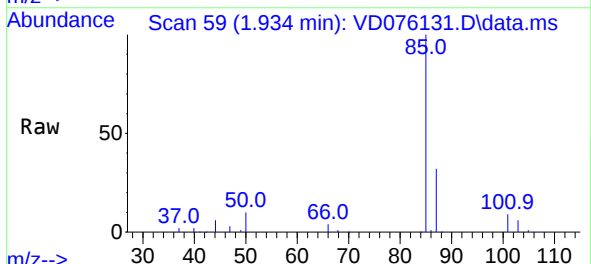
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 201852
Ion Ratio Lower Upper
168 100
99 48.4 43.8 65.6

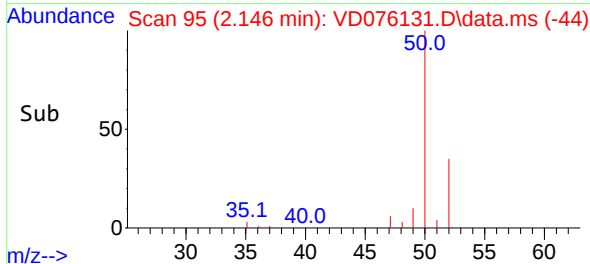
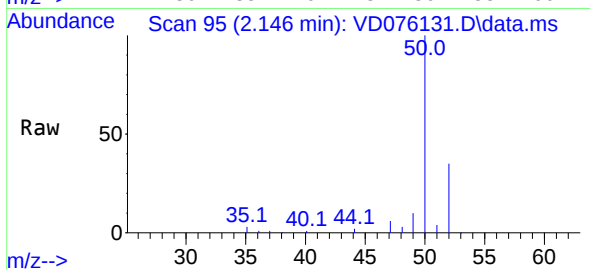
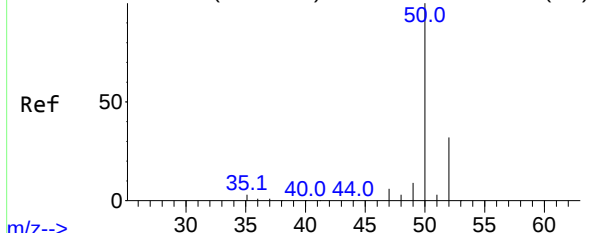


#2
Dichlorodifluoromethane
Concen: 49.030 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD076131.D
Acq: 18 May 2023 09:56

Tgt Ion: 85 Resp: 89258
Ion Ratio Lower Upper
85 100
87 31.7 17.3 51.7



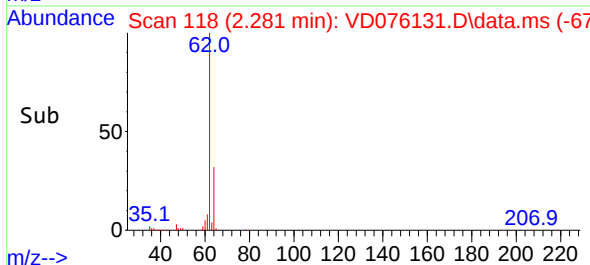
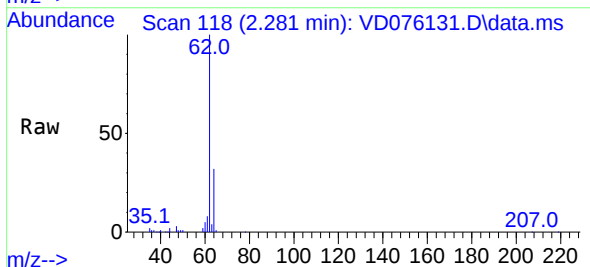
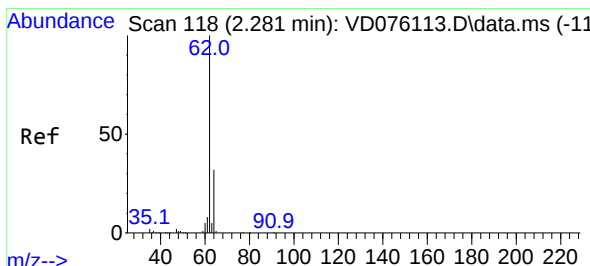
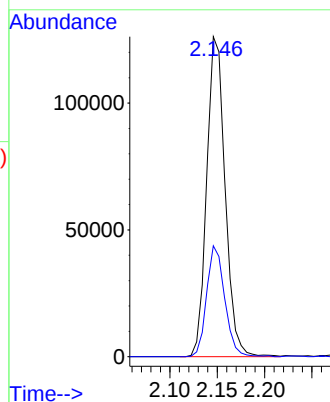
Abundance Scan 95 (2.146 min): VD076113.D\data.ms (-88)



#3
Chloromethane
Concen: 57.706 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076131.D
Acq: 18 May 2023 09:56

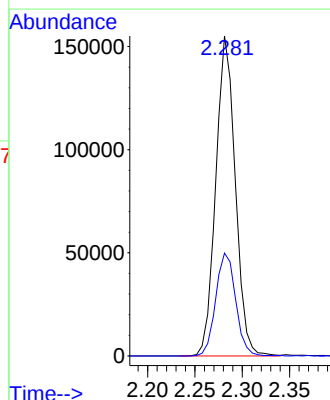
Instrument :
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ClientSampleId :
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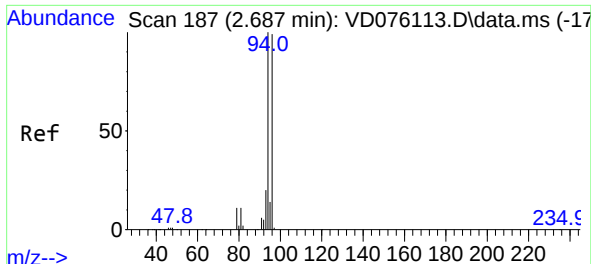
Tgt Ion: 50 Resp: 170483
Ion Ratio Lower Upper
50 100
52 34.7 27.8 41.8



#4
Vinyl Chloride
Concen: 56.640 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD076131.D
Acq: 18 May 2023 09:56

Tgt Ion: 62 Resp: 222378
Ion Ratio Lower Upper
62 100
64 32.2 25.4 38.0

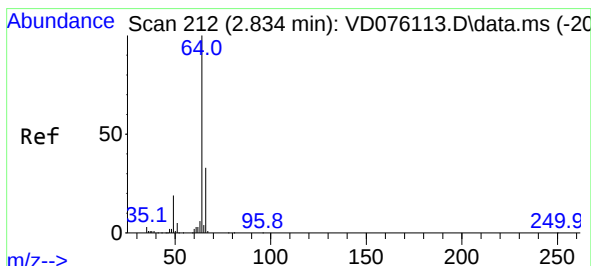
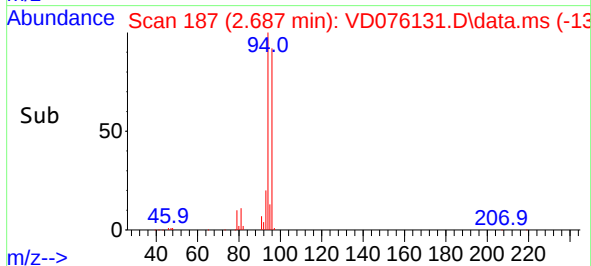
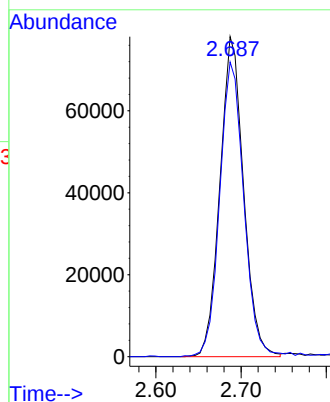
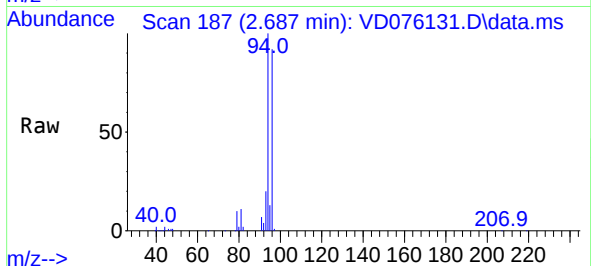




#5
Bromomethane
Concen: 56.814 ug/l
RT: 2.687 min Scan# 187
Delta R.T. 0.000 min
Lab File: VD076131.D
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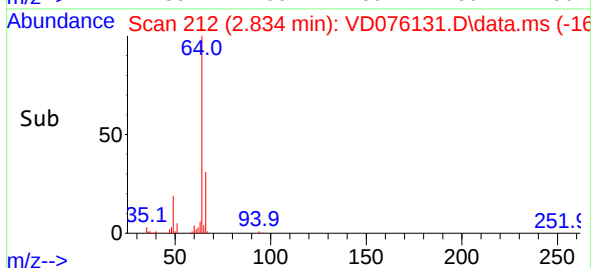
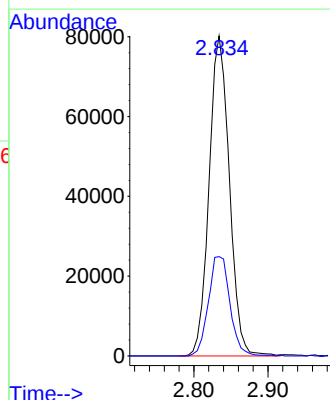
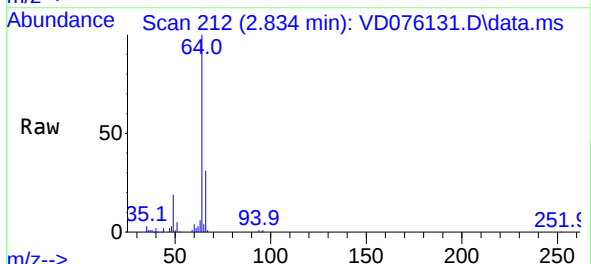
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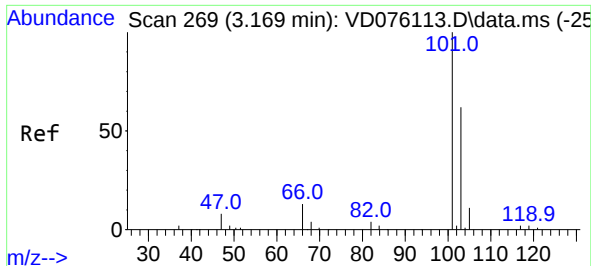
Tgt Ion: 94 Resp: 150176
Ion Ratio Lower Upper
94 100
96 94.5 77.5 116.3



#6
Chloroethane
Concen: 57.770 ug/l
RT: 2.834 min Scan# 212
Delta R.T. 0.000 min
Lab File: VD076131.D
Acq: 18 May 2023 09:56

Tgt Ion: 64 Resp: 152593
Ion Ratio Lower Upper
64 100
66 31.0 27.7 41.5

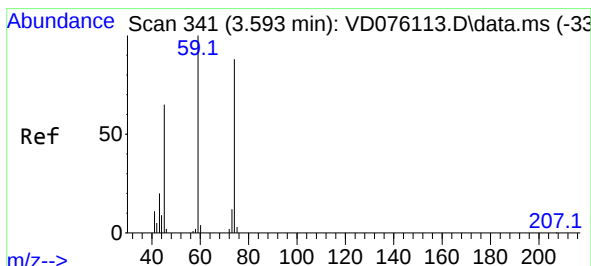
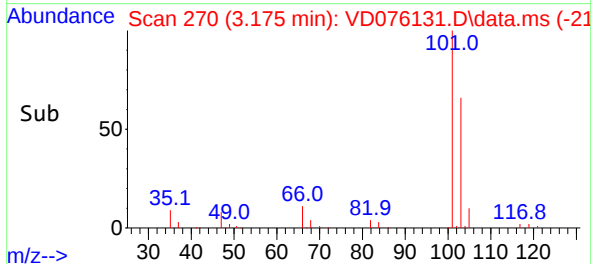
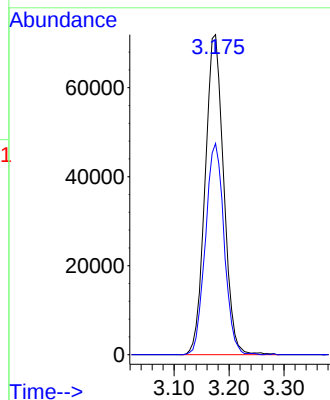
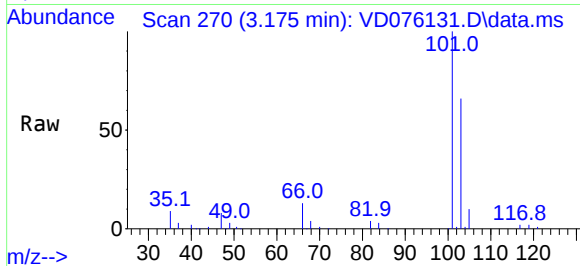




#7
Trichlorofluoromethane
Concen: 50.674 ug/l
RT: 3.175 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD076131.D
Acq: 18 May 2023 09:56

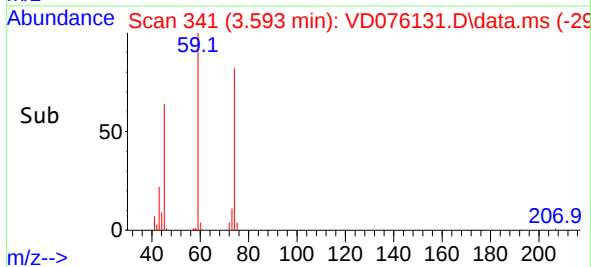
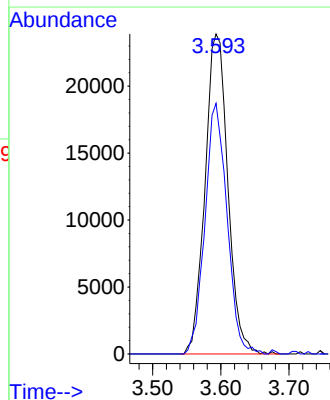
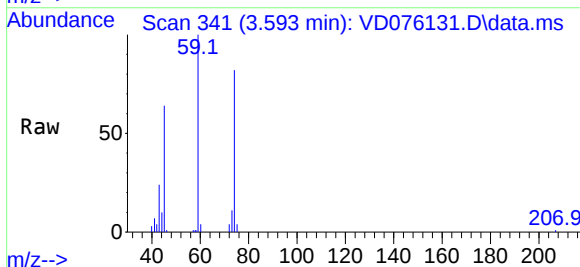
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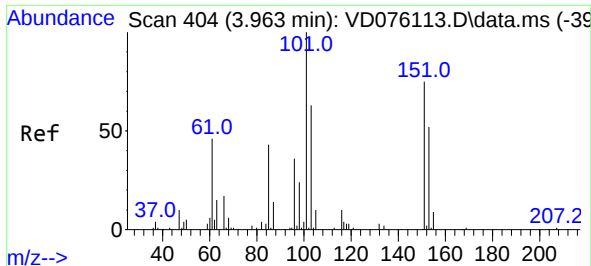
Tgt Ion:101 Resp: 168633
Ion Ratio Lower Upper
101 100
103 66.0 51.9 77.9



#8
Diethyl Ether
Concen: 50.848 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.000 min
Lab File: VD076131.D
Acq: 18 May 2023 09:56

Tgt Ion: 74 Resp: 55647
Ion Ratio Lower Upper
74 100
45 75.7 50.9 152.7

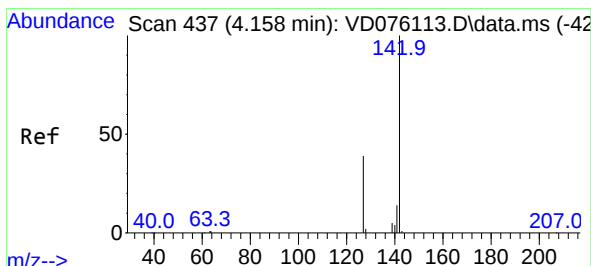
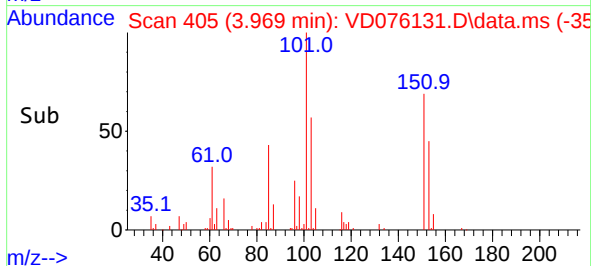
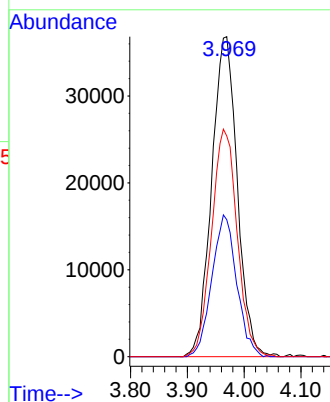
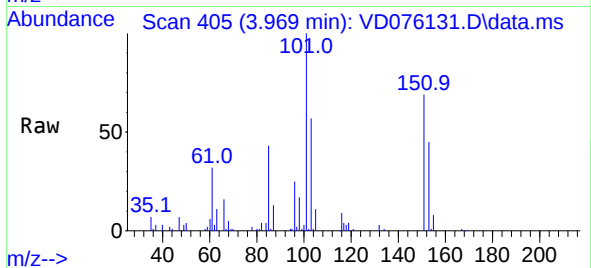




#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.527 ug/l
RT: 3.969 min Scan# 404
Delta R.T. 0.005 min
Lab File: VD076131.D
Acq: 18 May 2023 09:56

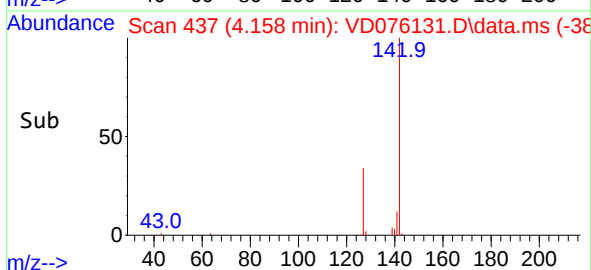
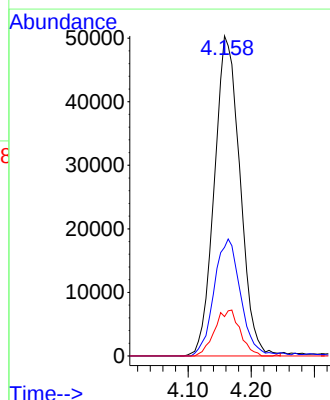
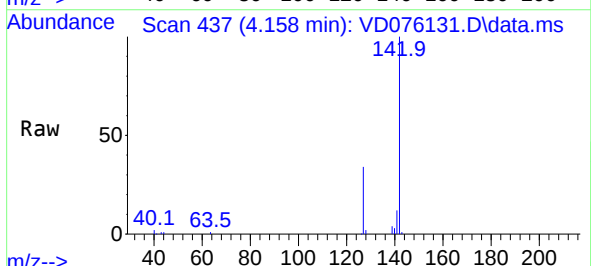
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

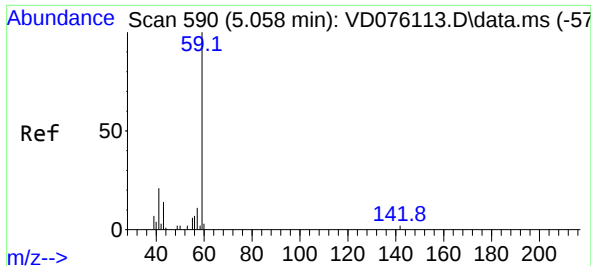
Tgt Ion:101 Resp: 115141
Ion Ratio Lower Upper
101 100
85 43.0 38.3 57.5
151 71.5 60.4 90.6



#10
Methyl Iodide
Concen: 62.244 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.006 min
Lab File: VD076131.D
Acq: 18 May 2023 09:56

Tgt Ion:142 Resp: 141865
Ion Ratio Lower Upper
142 100
127 37.8 37.1 55.7
141 14.2 11.3 16.9





#11

Tert butyl alcohol

Concen: 236.801 ug/l

RT: 5.052 min Scan# 51

Delta R.T. -0.000 min

Lab File: VD076131.D

Acq: 18 May 2023 09:56

Instrument :

MSVOA_D

ClientSampleId :

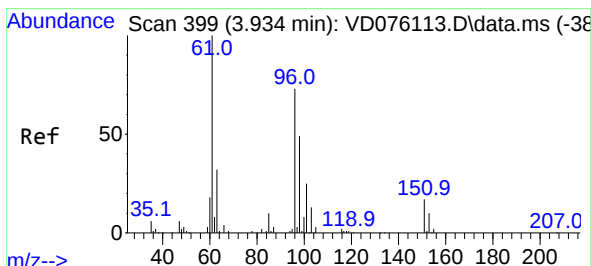
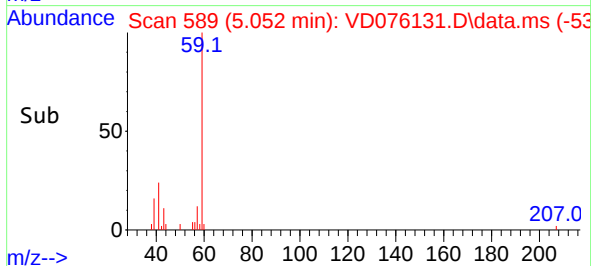
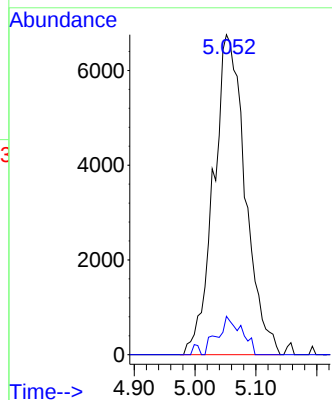
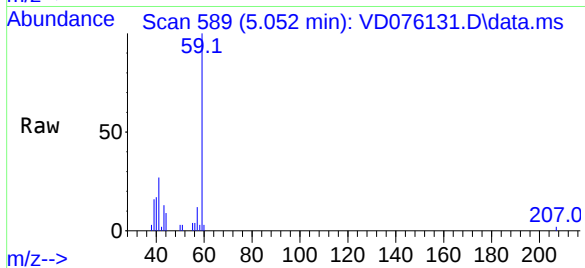
VSTDCCC050

Tgt Ion: 59 Resp: 24437

Ion Ratio Lower Upper

59 100

57 9.0 0.0 0.0#



#12

1,1-Dichloroethene

Concen: 52.941 ug/l

RT: 3.940 min Scan# 400

Delta R.T. -0.000 min

Lab File: VD076131.D

Acq: 18 May 2023 09:56

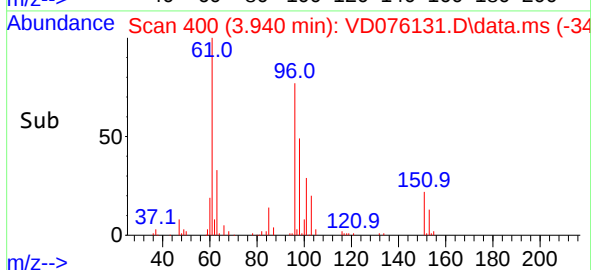
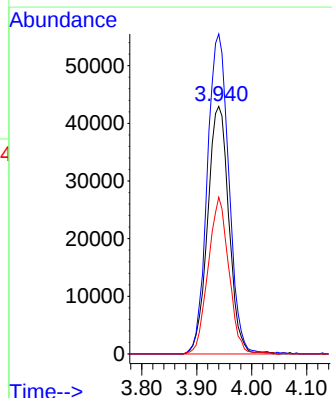
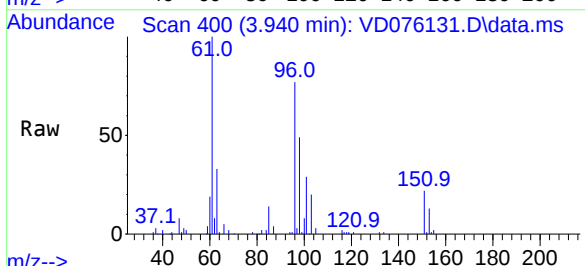
Tgt Ion: 96 Resp: 115497

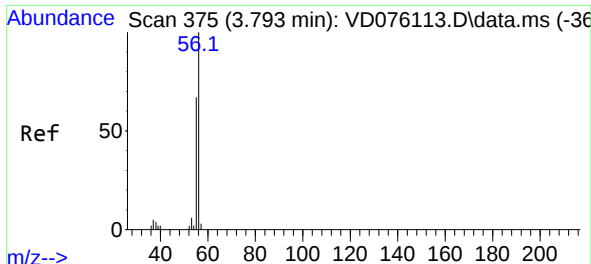
Ion Ratio Lower Upper

96 100

61 129.2 118.6 177.8

98 63.3 49.7 74.5

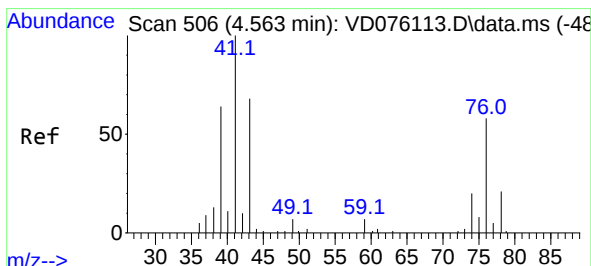
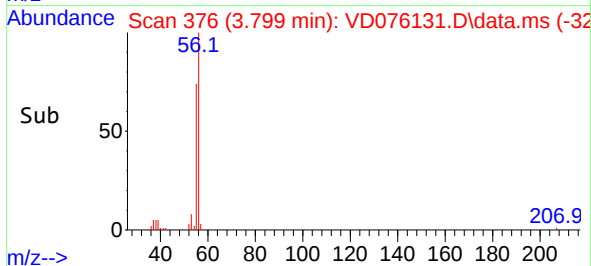
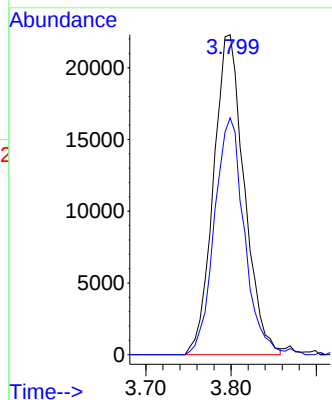
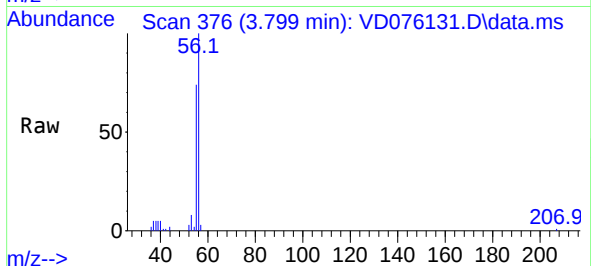




#13
Acrolein
Concen: 221.468 ug/l
RT: 3.799 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD076131.D
Acq: 18 May 2023 09:56

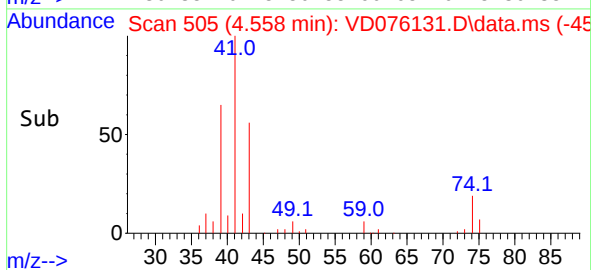
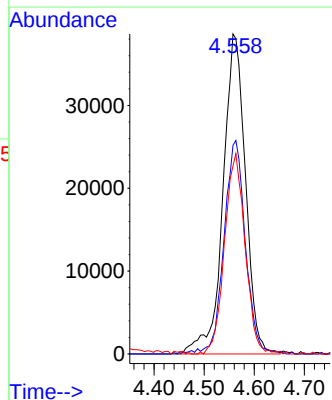
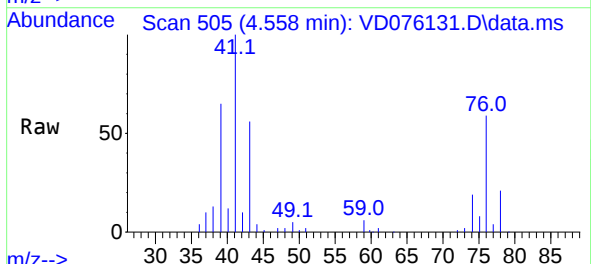
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

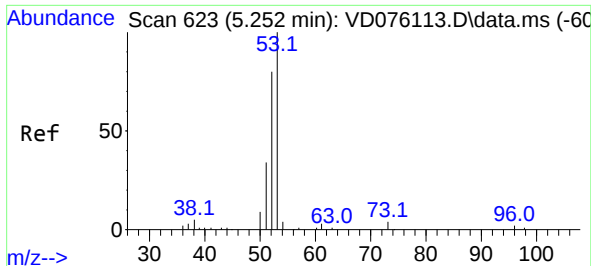
Tgt Ion: 56 Resp: 55935
Ion Ratio Lower Upper
56 100
55 71.8 53.9 80.9



#14
Allyl chloride
Concen: 54.233 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.005 min
Lab File: VD076131.D
Acq: 18 May 2023 09:56

Tgt Ion: 41 Resp: 120077
Ion Ratio Lower Upper
41 100
39 63.9 60.6 90.8
76 57.6 28.6 43.0#

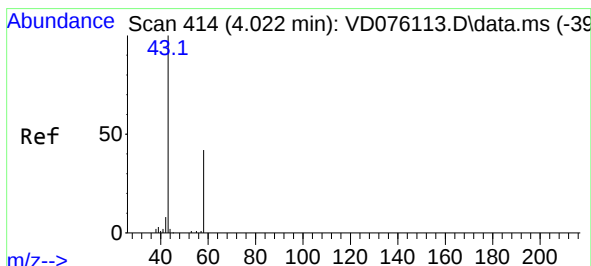
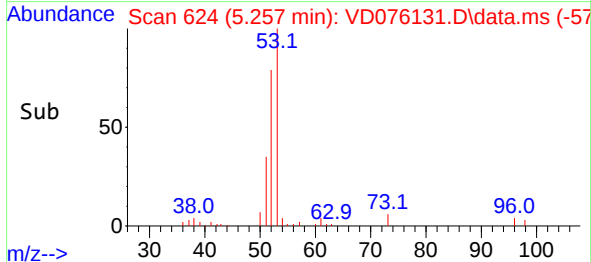
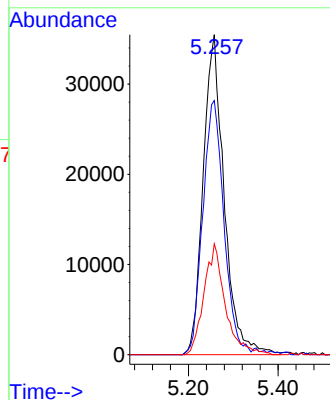
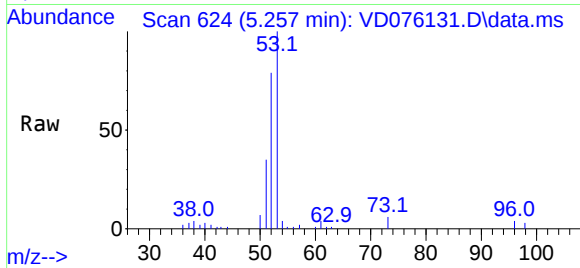




#15
Acrylonitrile
Concen: 253.827 ug/l
RT: 5.257 min Scan# 61
Delta R.T. -0.001 min
Lab File: VD076131.D
Acq: 18 May 2023 09:56

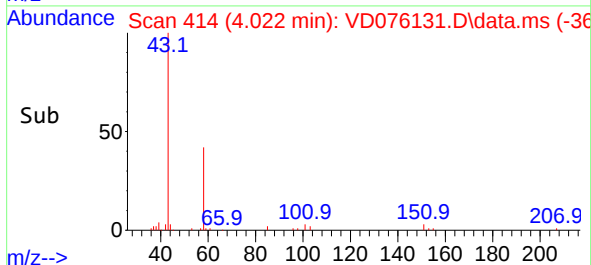
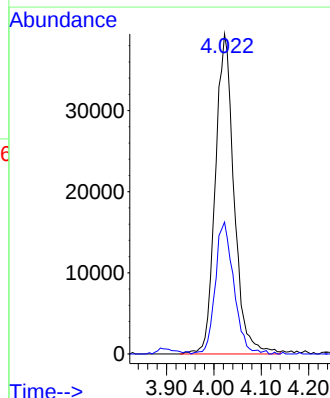
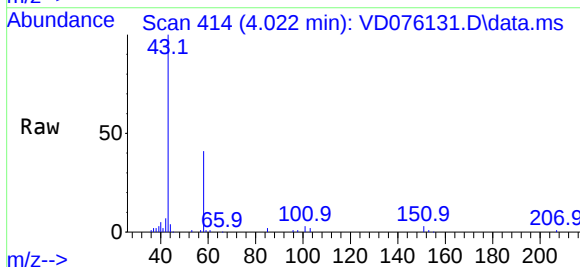
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

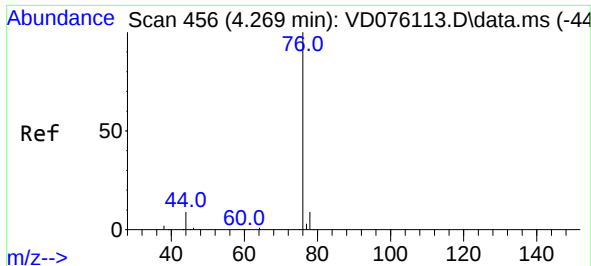
Tgt Ion: 53 Resp: 115015
Ion Ratio Lower Upper
53 100
52 80.0 66.2 99.4
51 35.2 30.7 46.1



#16
Acetone
Concen: 279.503 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD076131.D
Acq: 18 May 2023 09:56

Tgt Ion: 43 Resp: 108488
Ion Ratio Lower Upper
43 100
58 41.2 24.4 36.6#

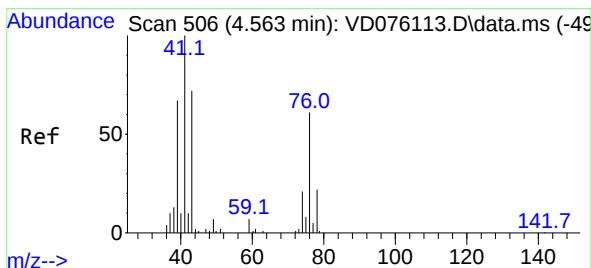
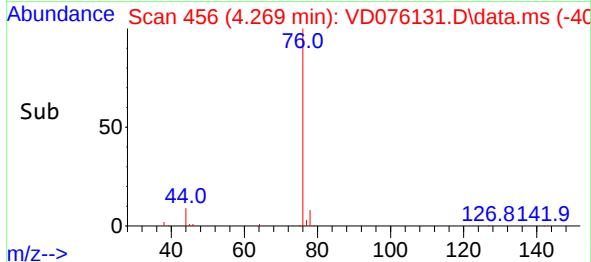
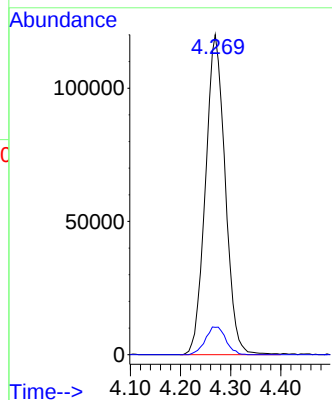
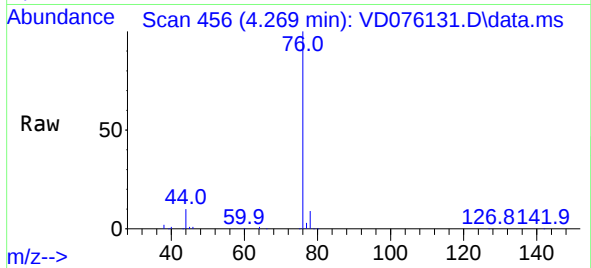




#17
Carbon Disulfide
Concen: 55.738 ug/l
RT: 4.269 min Scan# 456
Delta R.T. 0.000 min
Lab File: VD076131.D
Acq: 18 May 2023 09:56

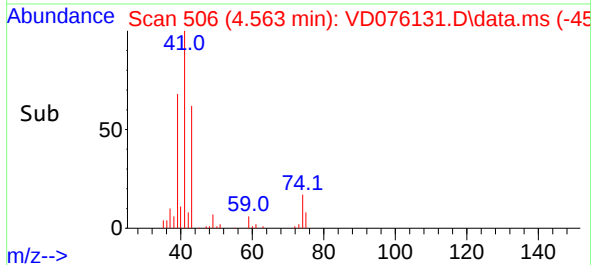
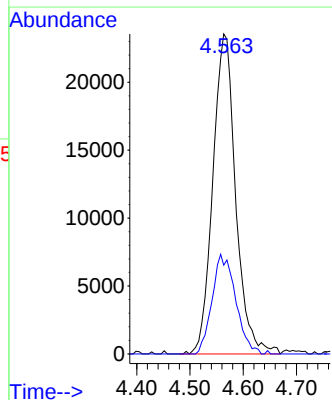
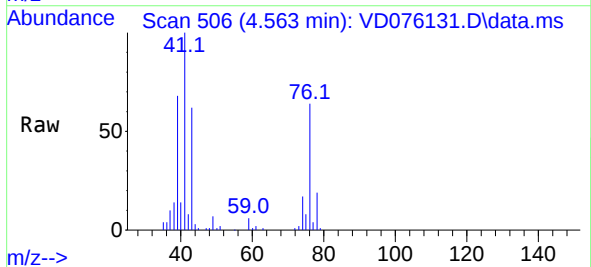
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

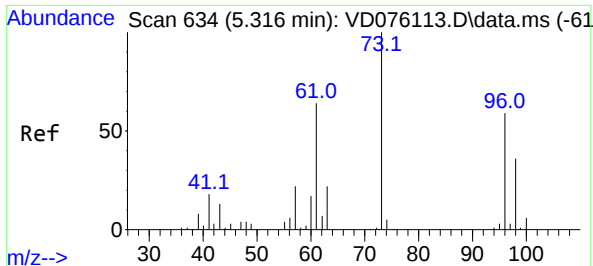
Tgt Ion: 76 Resp: 327226
Ion Ratio Lower Upper
76 100
78 8.6 8.0 12.0



#18
Methyl Acetate
Concen: 50.677 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD076131.D
Acq: 18 May 2023 09:56

Tgt Ion: 43 Resp: 70167
Ion Ratio Lower Upper
43 100
74 32.1 17.8 26.6#

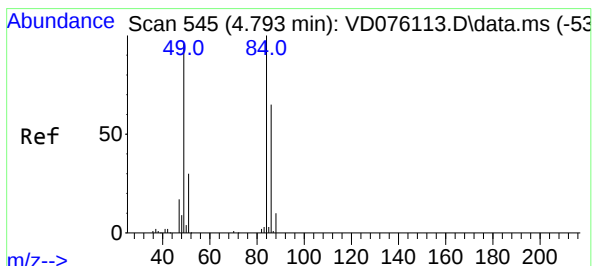
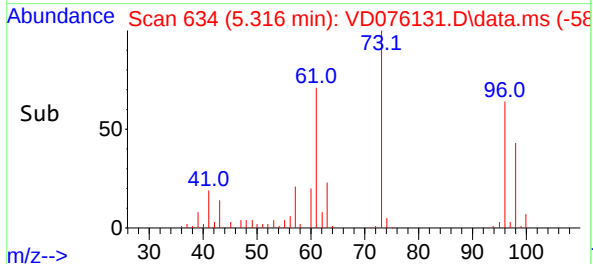
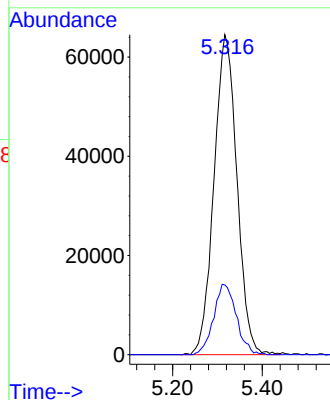
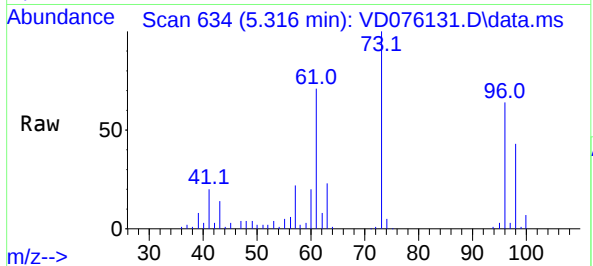




#19
Methyl tert-butyl Ether
Concen: 53.758 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD076131.D
Acq: 18 May 2023 09:56

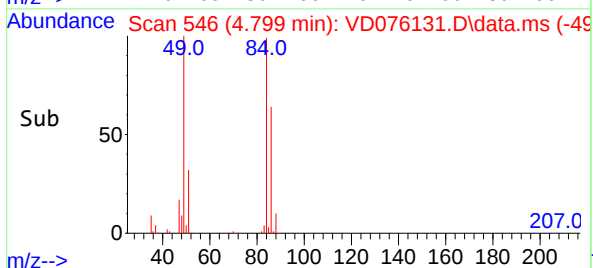
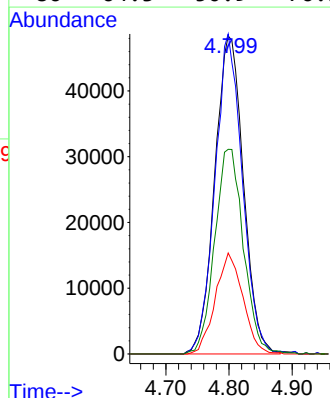
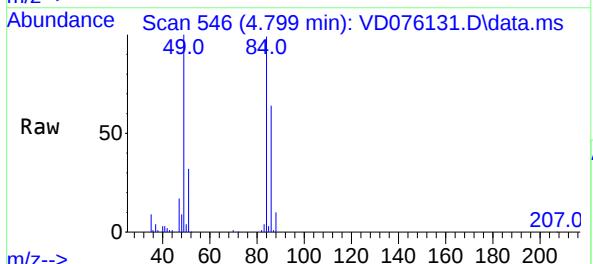
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

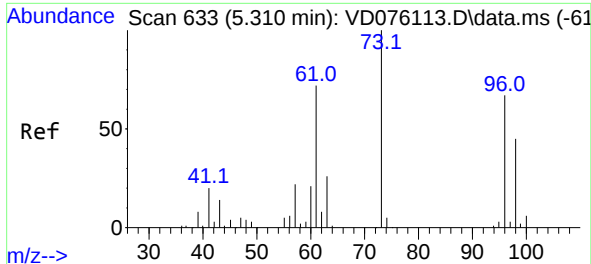
Tgt Ion: 73 Resp: 229547
Ion Ratio Lower Upper
73 100
57 21.8 17.2 25.8



#20
Methylene Chloride
Concen: 49.581 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD076131.D
Acq: 18 May 2023 09:56

Tgt Ion: 84 Resp: 152418
Ion Ratio Lower Upper
84 100
49 100.6 106.4 159.6#
51 31.7 32.4 48.6#
86 64.3 50.9 76.3

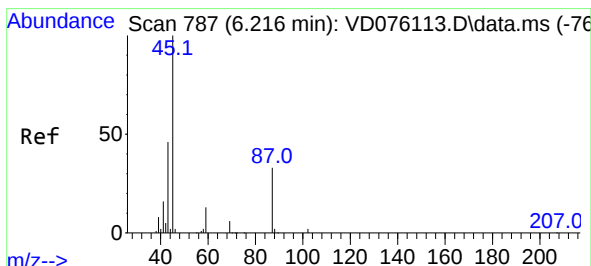
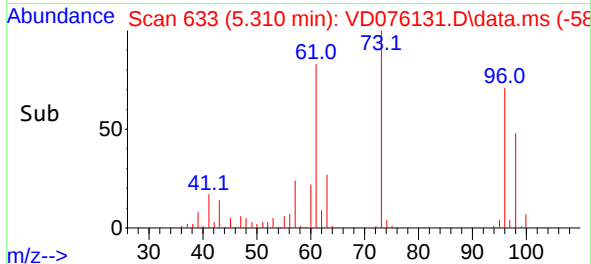
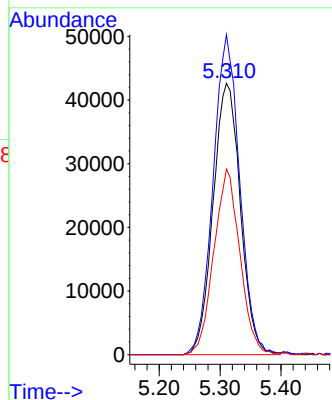
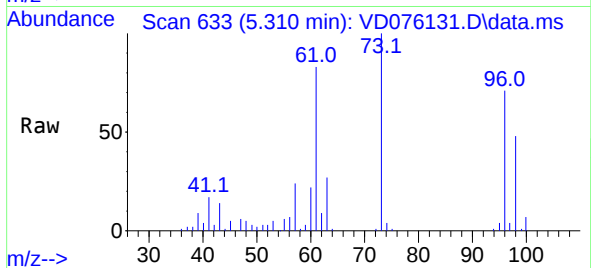




#21
trans-1,2-Dichloroethene
Concen: 52.854 ug/l
RT: 5.310 min Scan# 611
Delta R.T. -0.006 min
Lab File: VD076131.D
Acq: 18 May 2023 09:56

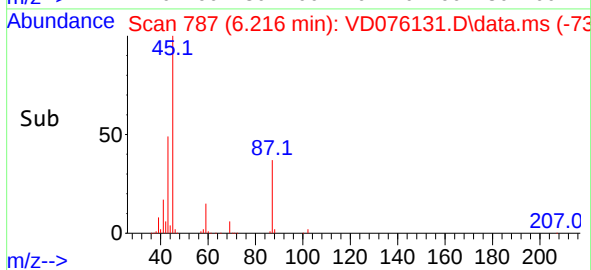
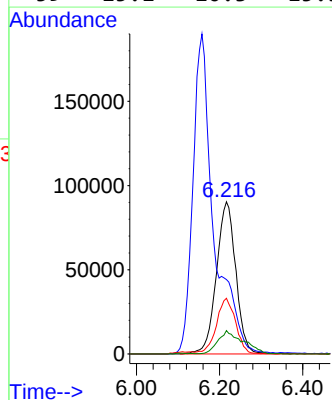
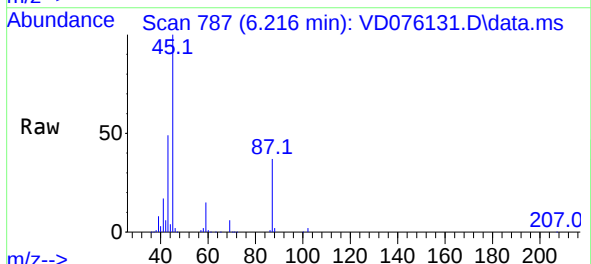
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

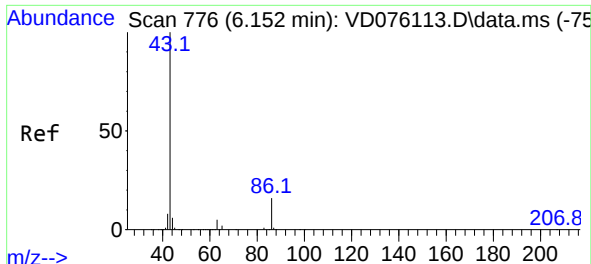
Tgt Ion: 96 Resp: 132892
Ion Ratio Lower Upper
96 100
61 117.9 117.2 175.8
98 68.4 50.6 76.0



#22
Diisopropyl ether
Concen: 56.893 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD076131.D
Acq: 18 May 2023 09:56

Tgt Ion: 45 Resp: 292383
Ion Ratio Lower Upper
45 100
43 48.0 44.4 66.6
87 36.3 20.9 31.3#
59 15.1 10.3 15.5

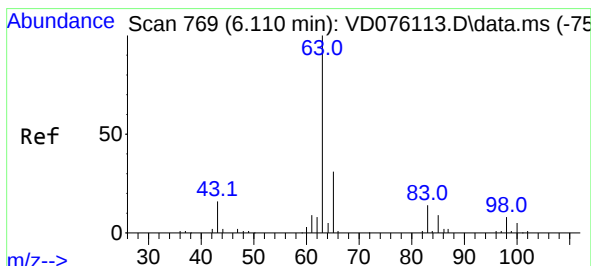
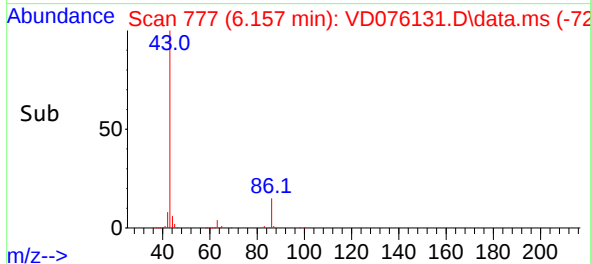
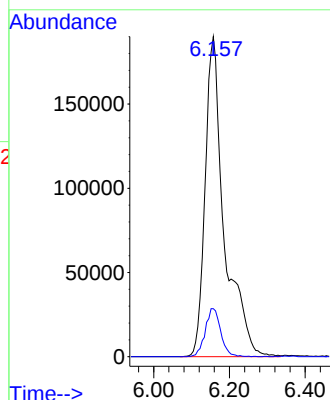
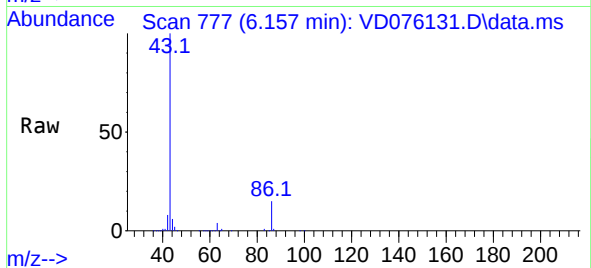




#23
 Vinyl Acetate
 Concen: 329.265 ug/l
 RT: 6.157 min Scan# 71
 Delta R.T. 0.005 min
 Lab File: VD076131.D
 Acq: 18 May 2023 09:56

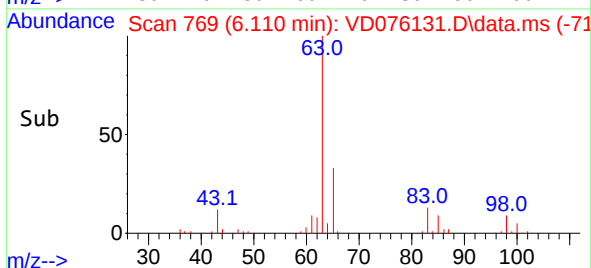
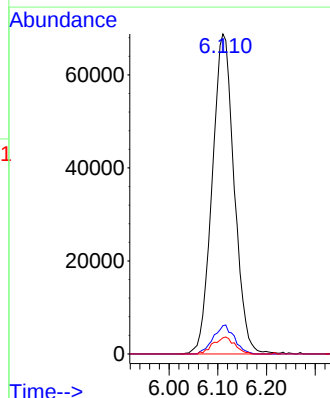
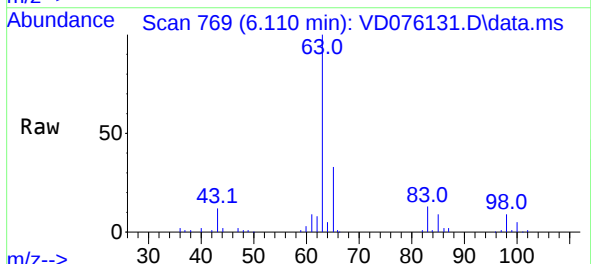
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

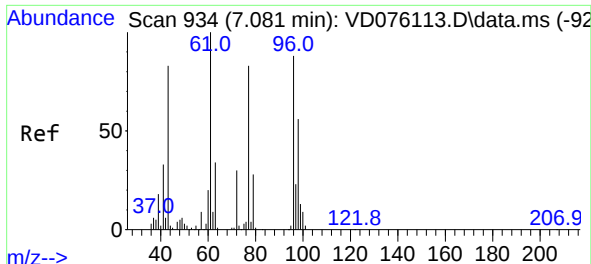
Tgt Ion: 43 Resp: 665346
 Ion Ratio Lower Upper
 43 100
 86 15.0 9.0 13.6#



#24
 1,1-Dichloroethane
 Concen: 53.196 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VD076131.D
 Acq: 18 May 2023 09:56

Tgt Ion: 63 Resp: 215606
 Ion Ratio Lower Upper
 63 100
 98 8.9 3.9 11.7
 100 5.1 2.0 6.0

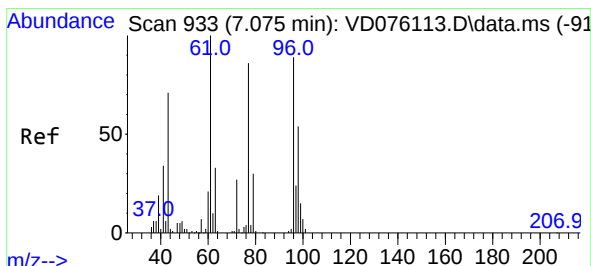
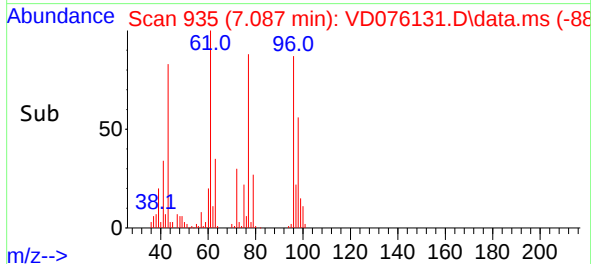
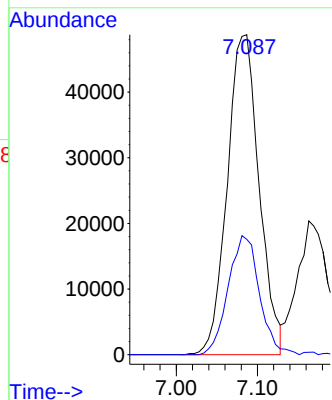
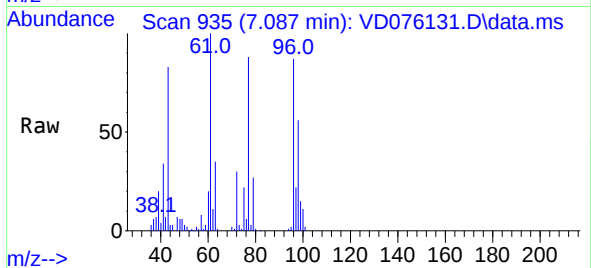




#25
2-Butanone
Concen: 272.717 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD076131.D
Acq: 18 May 2023 09:56

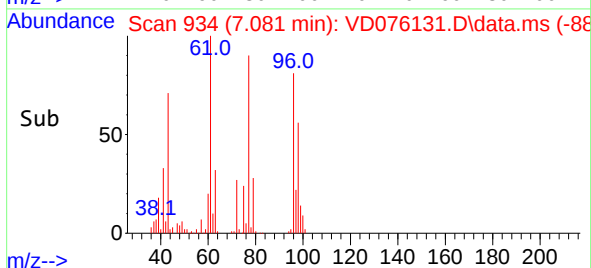
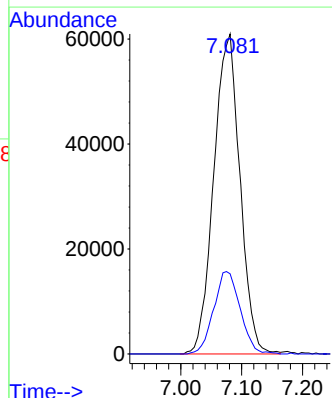
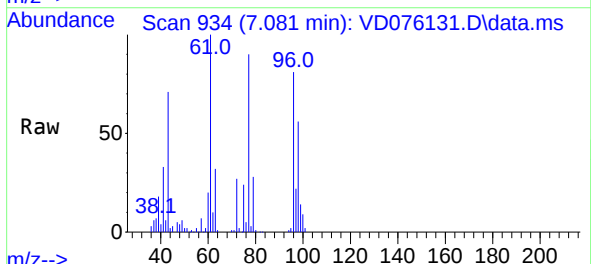
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

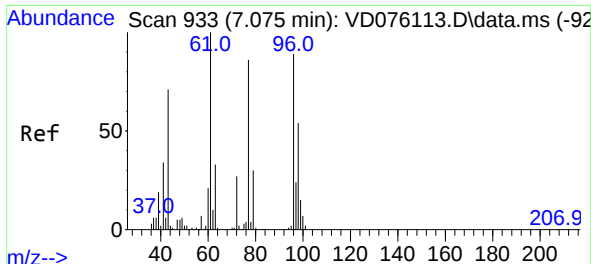
Tgt Ion: 43 Resp: 133097
Ion Ratio Lower Upper
43 100
72 36.1 19.8 29.8#



#26
2,2-Dichloropropane
Concen: 55.103 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD076131.D
Acq: 18 May 2023 09:56

Tgt Ion: 77 Resp: 182107
Ion Ratio Lower Upper
77 100
97 26.0 11.1 33.1

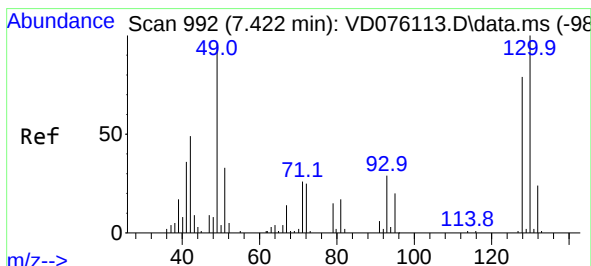
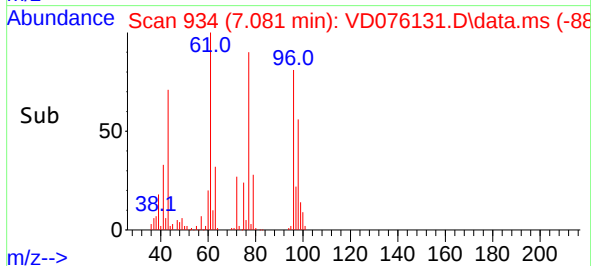
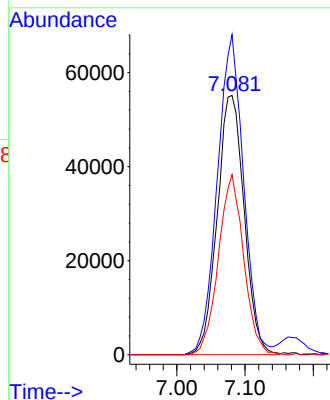
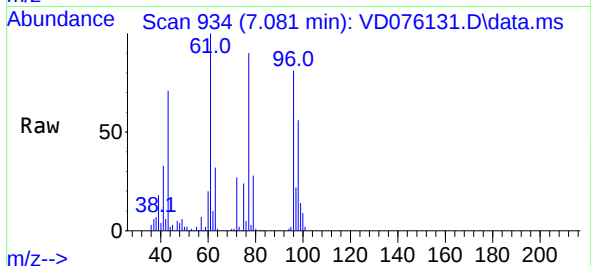




#27
cis-1,2-Dichloroethene
Concen: 54.362 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076131.D
Acq: 18 May 2023 09:56

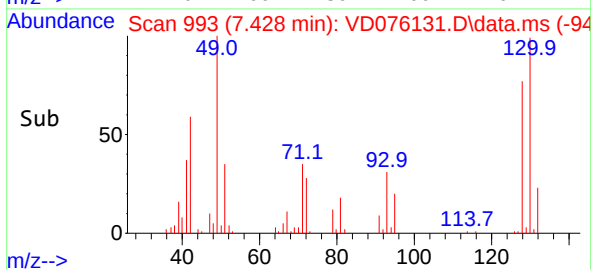
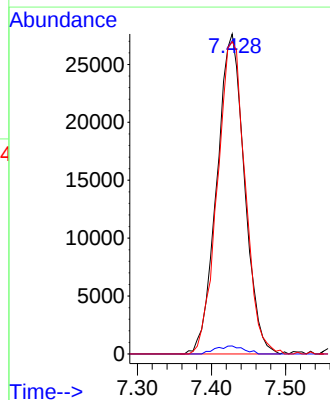
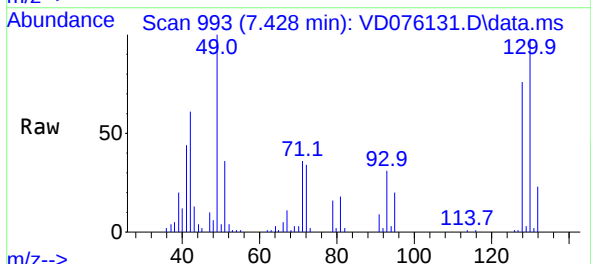
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

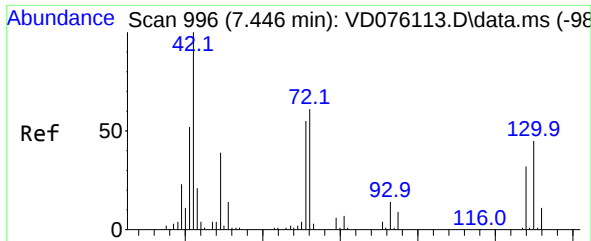
Tgt Ion: 96 Resp: 151679
Ion Ratio Lower Upper
96 100
61 120.6 0.0 295.2
98 65.2 0.0 129.2



#28
Bromochloromethane
Concen: 52.961 ug/l
RT: 7.428 min Scan# 993
Delta R.T. 0.006 min
Lab File: VD076131.D
Acq: 18 May 2023 09:56

Tgt Ion: 49 Resp: 71573
Ion Ratio Lower Upper
49 100
129 2.5 0.0 2.2#
130 98.2 56.0 84.0#

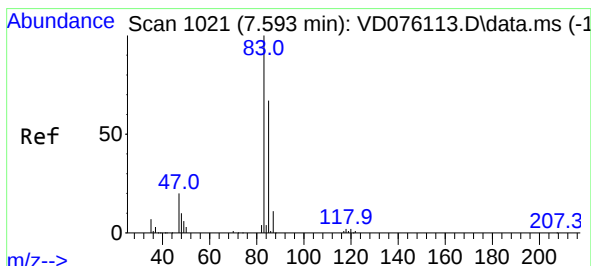
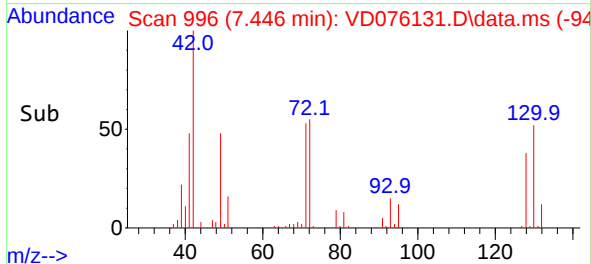
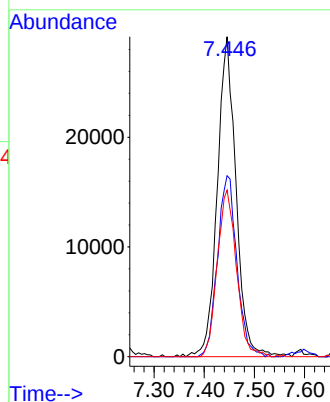
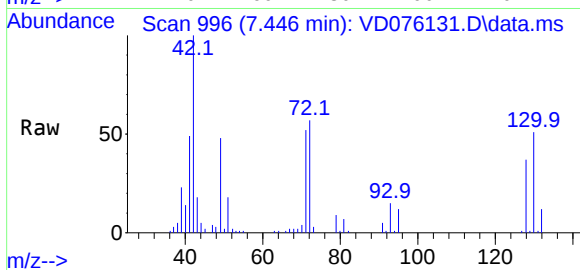




#29
Tetrahydrofuran
Concen: 265.760 ug/l
RT: 7.446 min Scan# 996
Delta R.T. 0.006 min
Lab File: VD076131.D
Acq: 18 May 2023 09:56

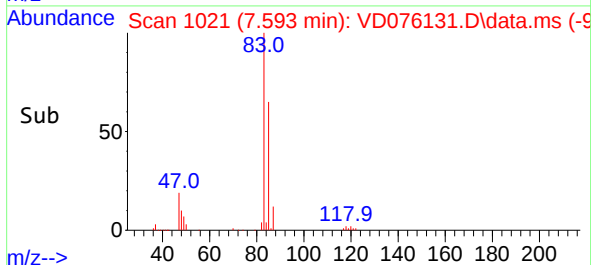
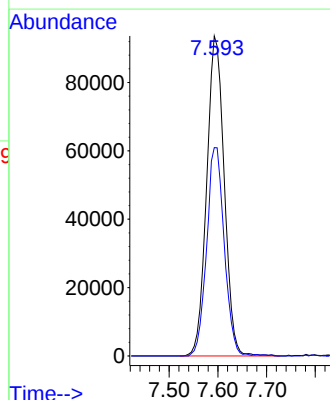
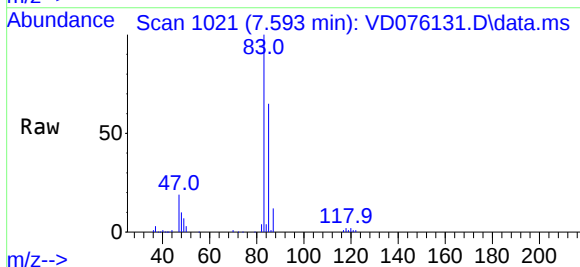
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

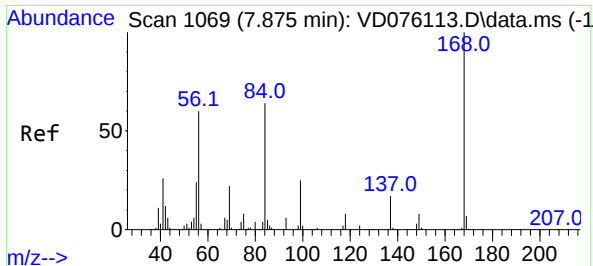
Tgt Ion: 42 Resp: 75598
Ion Ratio Lower Upper
42 100
72 58.6 31.8 47.6#
71 53.4 27.6 41.4#



#30
Chloroform
Concen: 53.930 ug/l
RT: 7.593 min Scan# 1021
Delta R.T. -0.000 min
Lab File: VD076131.D
Acq: 18 May 2023 09:56

Tgt Ion: 83 Resp: 233747
Ion Ratio Lower Upper
83 100
85 65.1 49.4 74.2





#31

Cyclohexane

Concen: 52.348 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.000 min

Lab File: VD076131.D

Acq: 18 May 2023 09:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

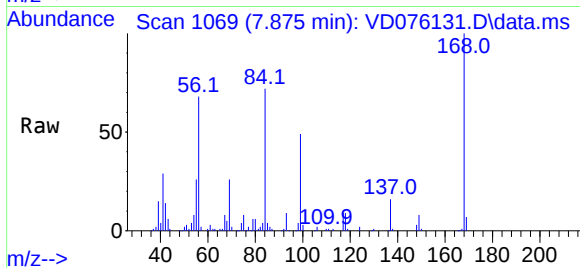
Tgt Ion: 56 Resp: 156404

Ion Ratio Lower Upper

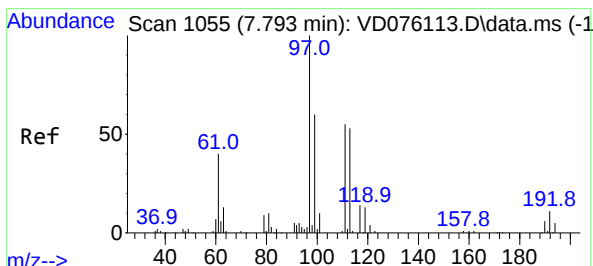
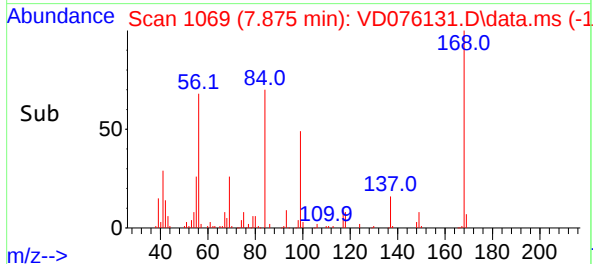
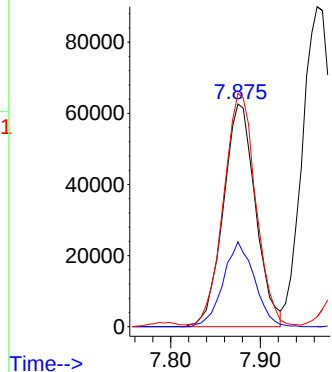
56 100

69 38.1 25.5 38.3

84 103.9 69.6 104.4



Abundance



#32

1,1,1-Trichloroethane

Concen: 52.886 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VD076131.D

Acq: 18 May 2023 09:56

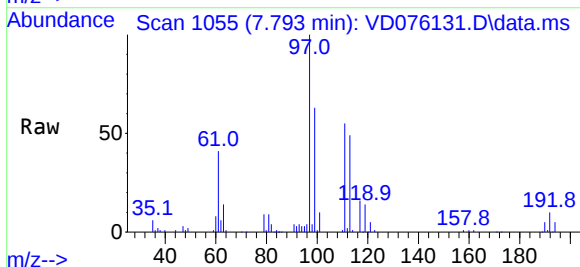
Tgt Ion: 97 Resp: 182675

Ion Ratio Lower Upper

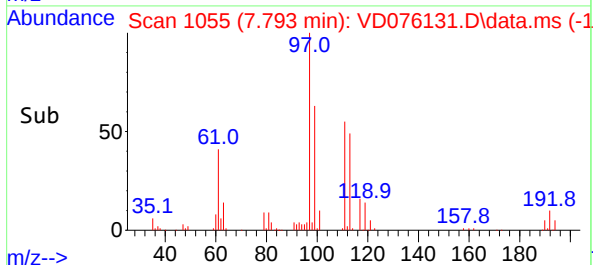
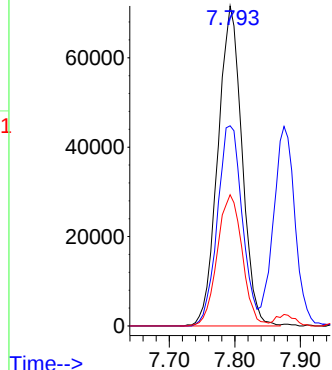
97 100

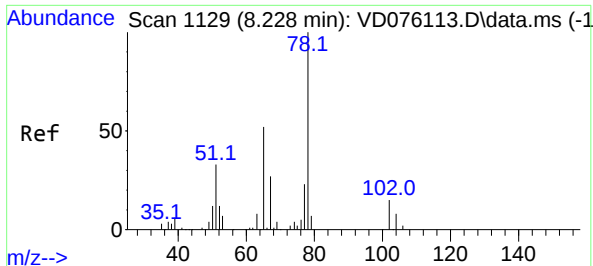
99 64.3 50.5 75.7

61 42.5 36.6 55.0



Abundance

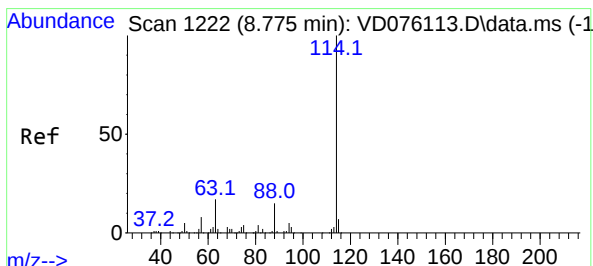
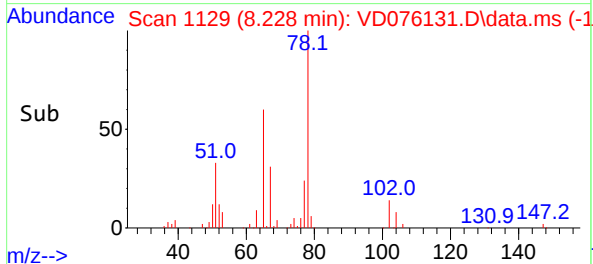
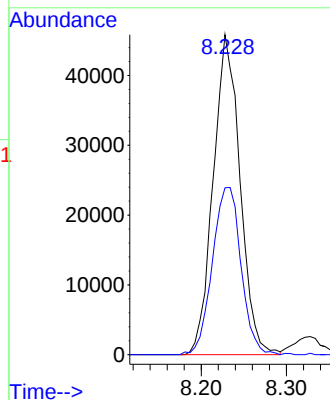
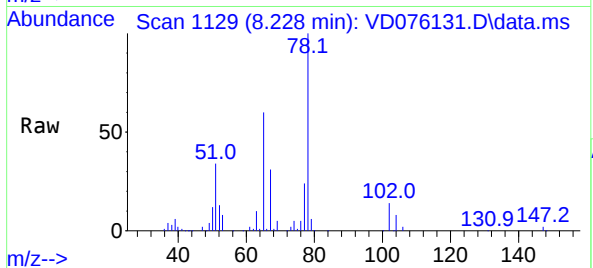




#33
1,2-Dichloroethane-d4
Concen: 51.314 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD076131.D
Acq: 18 May 2023 09:56

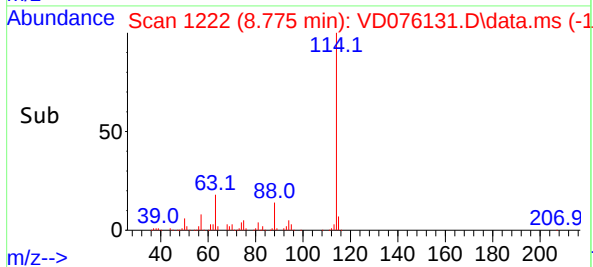
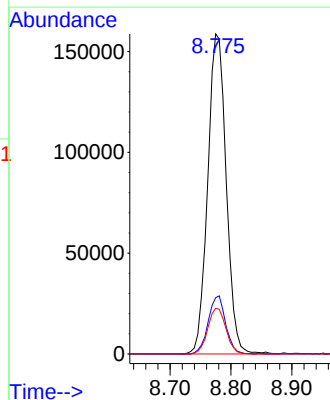
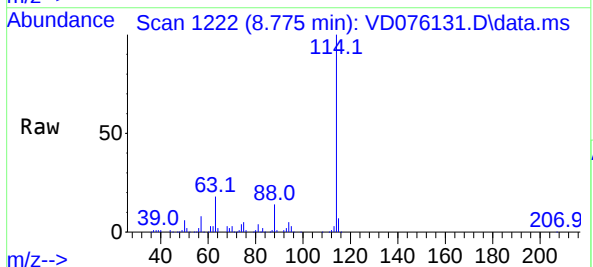
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 65 Resp: 100106
Ion Ratio Lower Upper
65 100
67 55.8 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: VD076131.D
Acq: 18 May 2023 09:56

Tgt Ion: 114 Resp: 334812
Ion Ratio Lower Upper
114 100
63 17.6 0.0 41.6
88 14.3 0.0 30.6





#35

Dibromofluoromethane

Concen: 51.288 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD076131.D

Acq: 18 May 2023 09:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

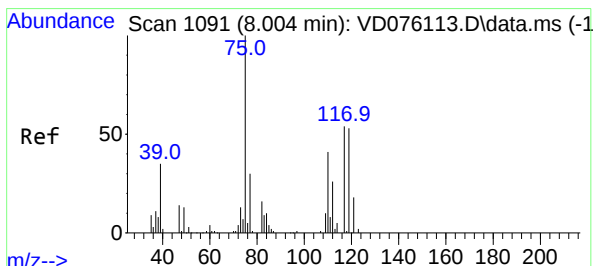
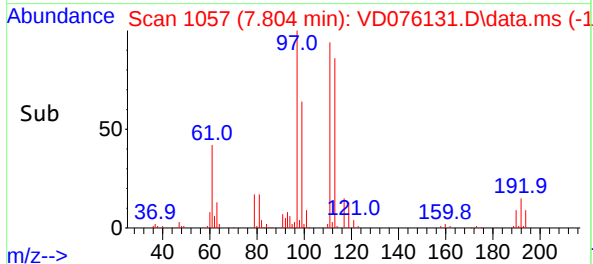
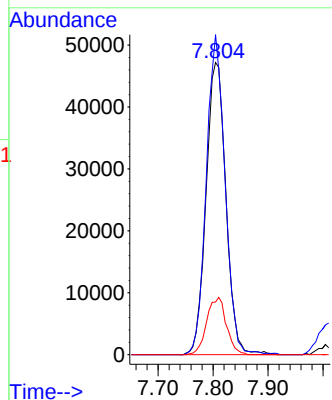
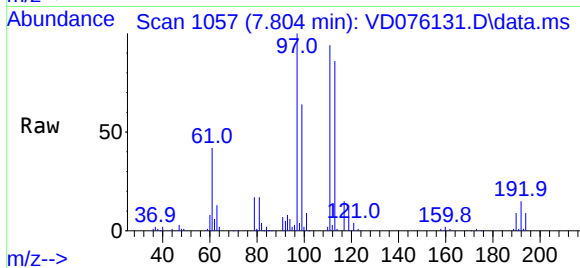
Tgt Ion:113 Resp: 118695

Ion Ratio Lower Upper

113 100

111 103.3 81.4 122.0

192 19.4 15.2 22.8



#36

1,1-Dichloropropene

Concen: 53.217 ug/l

RT: 8.004 min Scan# 1091

Delta R.T. -0.006 min

Lab File: VD076131.D

Acq: 18 May 2023 09:56

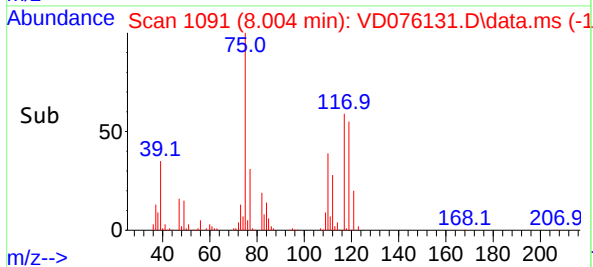
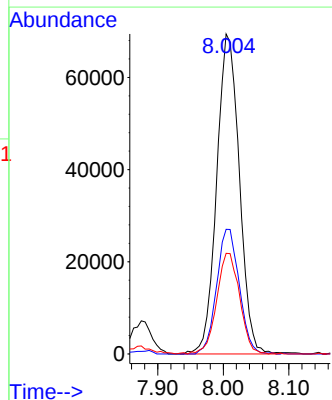
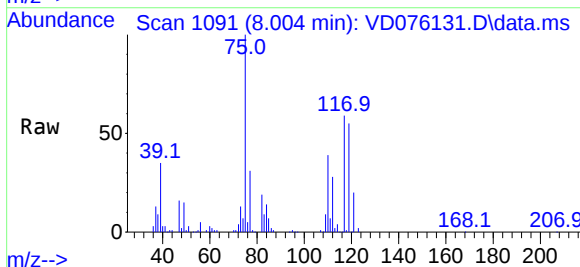
Tgt Ion: 75 Resp: 166332

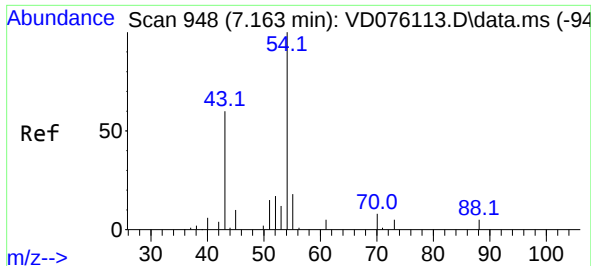
Ion Ratio Lower Upper

75 100

110 38.9 17.1 51.2

77 32.0 24.6 36.8

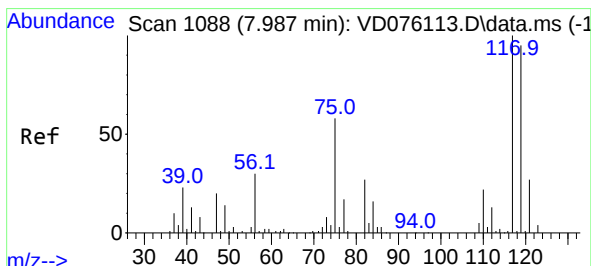
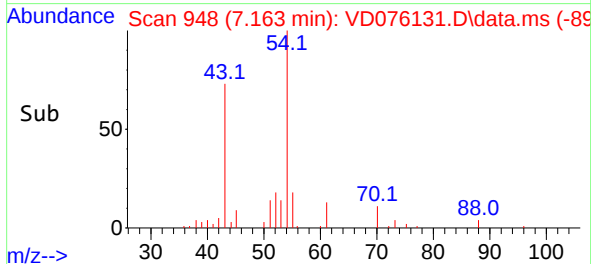
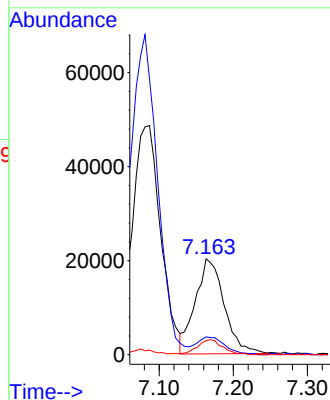
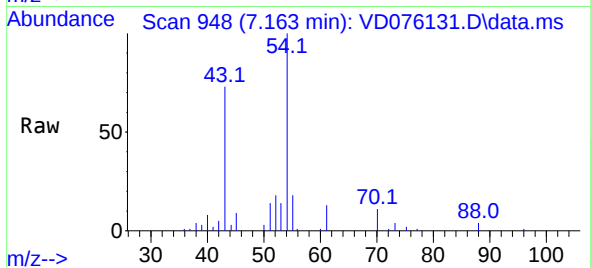




#37
Ethyl Acetate
Concen: 50.714 ug/l
RT: 7.163 min Scan# 948
Delta R.T. -0.006 min
Lab File: VD076131.D
Acq: 18 May 2023 09:56

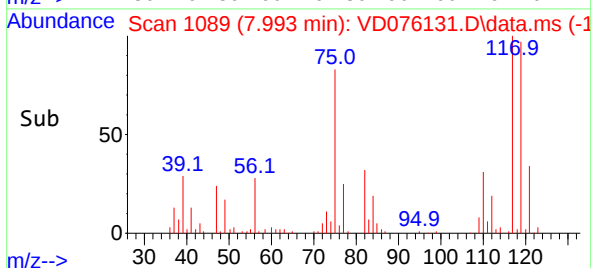
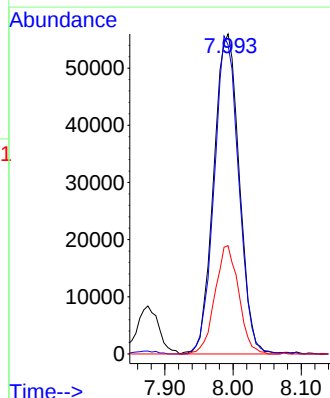
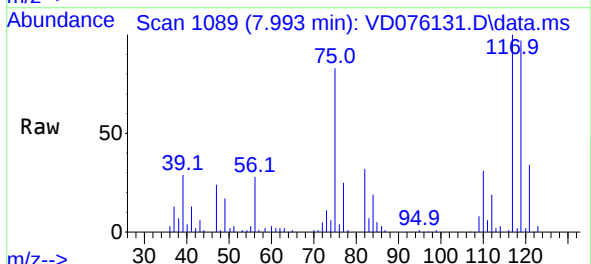
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

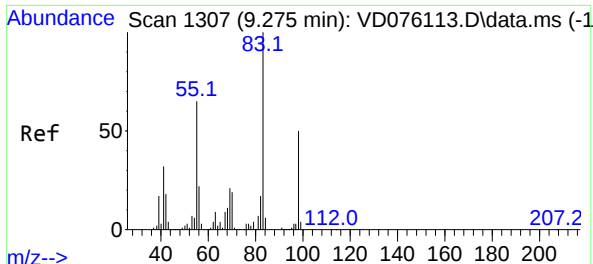
Tgt Ion: 43 Resp: 54889
Ion Ratio Lower Upper
43 100
61 18.3 0.0 0.0#
70 14.1 5.6 8.4#



#38
Carbon Tetrachloride
Concen: 51.764 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD076131.D
Acq: 18 May 2023 09:56

Tgt Ion: 117 Resp: 146140
Ion Ratio Lower Upper
117 100
119 96.6 74.7 112.1
121 33.8 25.9 38.9





#39

Methylcyclohexane

Concen: 53.185 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

Lab File: VD076131.D

Acq: 18 May 2023 09:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

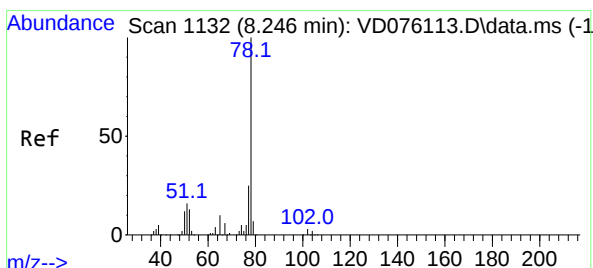
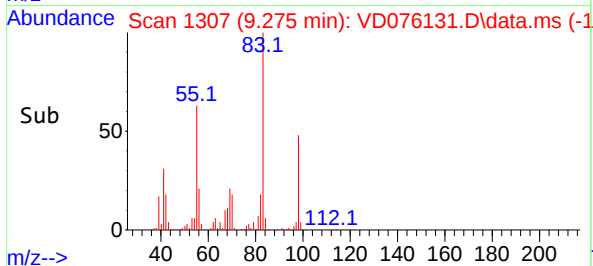
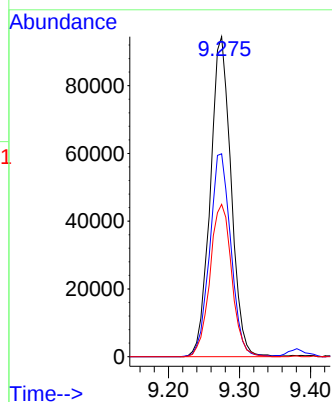
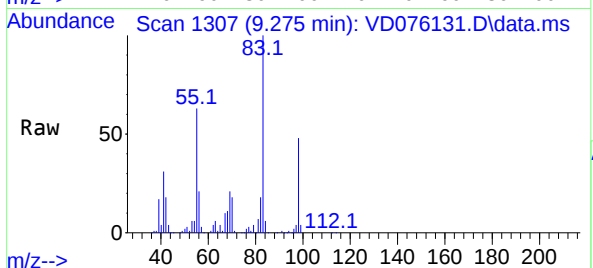
Tgt Ion: 83 Resp: 191386

Ion Ratio Lower Upper

83 100

55 63.4 56.8 85.2

98 47.6 38.9 58.3



#40

Benzene

Concen: 52.799 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. -0.001 min

Lab File: VD076131.D

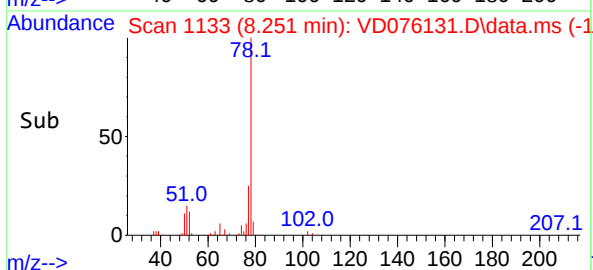
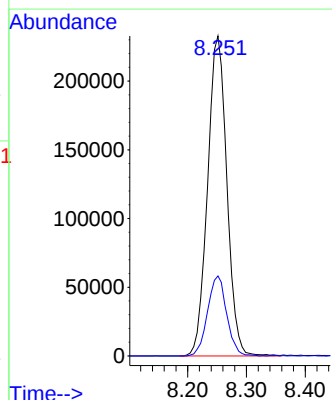
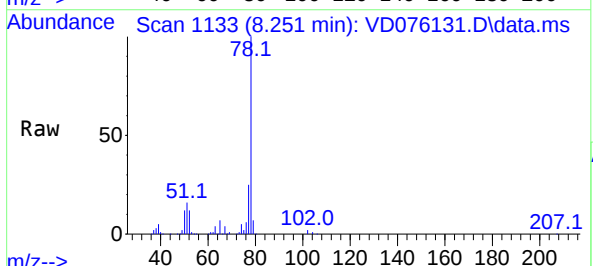
Acq: 18 May 2023 09:56

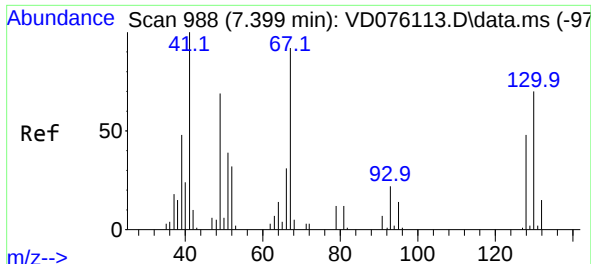
Tgt Ion: 78 Resp: 530559

Ion Ratio Lower Upper

78 100

77 25.0 19.1 28.7

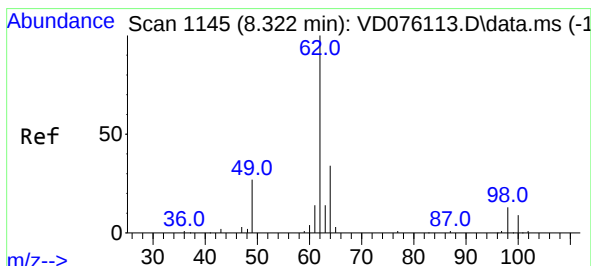
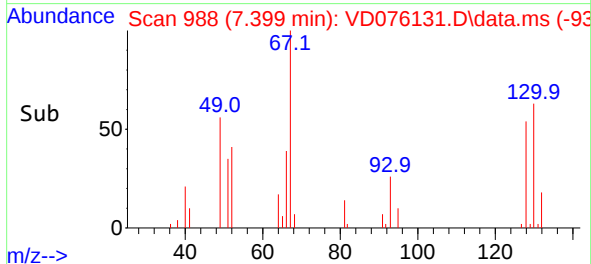
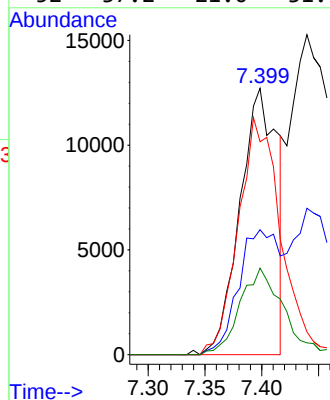
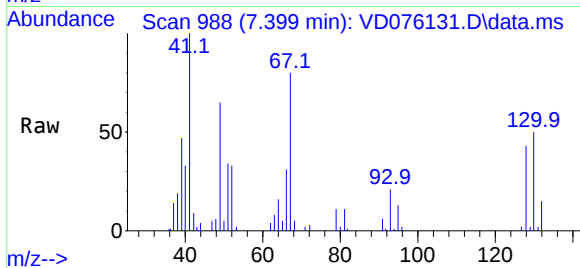




#41
Methacrylonitrile
Concen: 49.061 ug/l
RT: 7.399 min Scan# 988
Delta R.T. -0.000 min
Lab File: VD076131.D
Acq: 18 May 2023 09:56

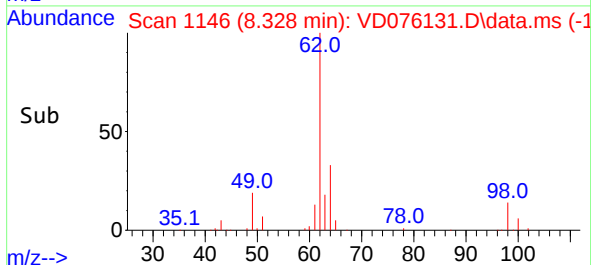
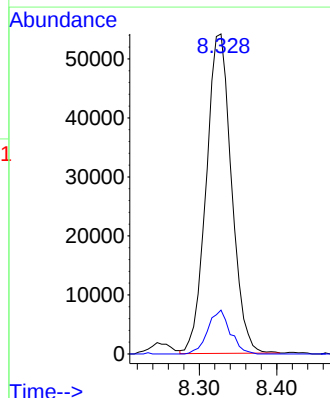
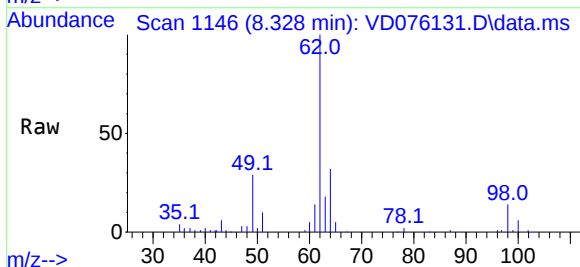
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

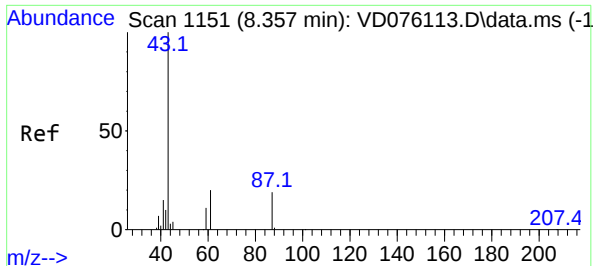
Tgt Ion: 41 Resp: 29116
Ion Ratio Lower Upper
41 100
39 50.1 45.3 67.9
67 101.7 50.5 75.7#
52 37.2 21.0 31.6#



#42
1,2-Dichloroethane
Concen: 51.568 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VD076131.D
Acq: 18 May 2023 09:56

Tgt Ion: 62 Resp: 122566
Ion Ratio Lower Upper
62 100
98 12.3 0.0 18.8

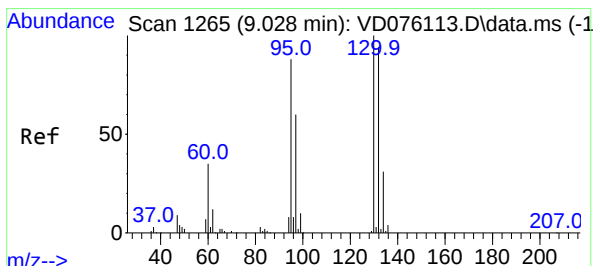
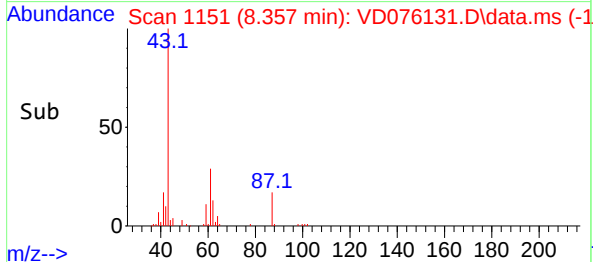
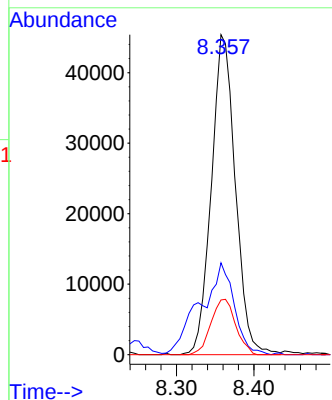
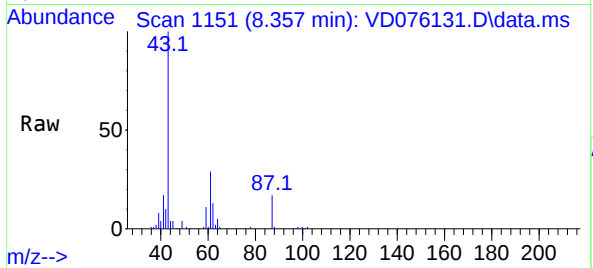




#43
Isopropyl Acetate
Concen: 48.471 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. 0.000 min
Lab File: VD076131.D
Acq: 18 May 2023 09:56

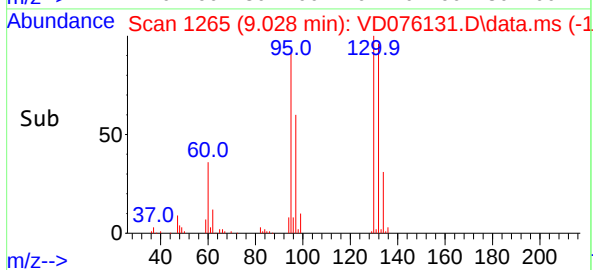
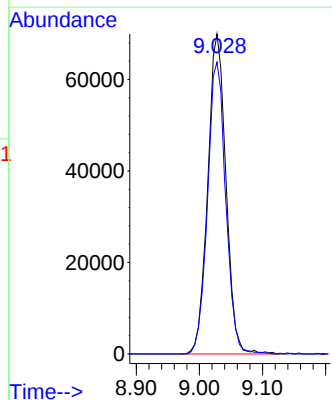
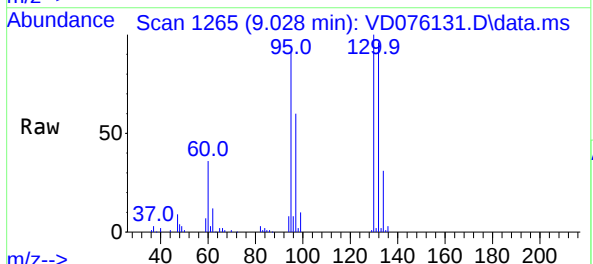
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

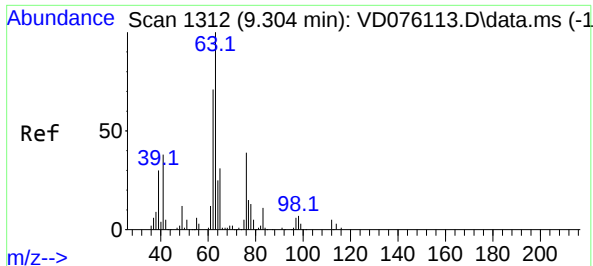
Tgt Ion: 43 Resp: 97999
Ion Ratio Lower Upper
43 100
61 40.6 23.4 35.0#
87 17.8 9.5 14.3#



#44
Trichloroethene
Concen: 49.338 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD076131.D
Acq: 18 May 2023 09:56

Tgt Ion:130 Resp: 139722
Ion Ratio Lower Upper
130 100
95 91.2 0.0 197.6

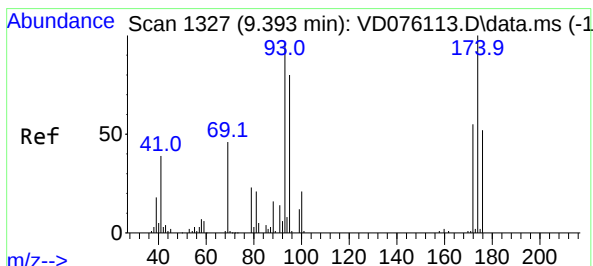
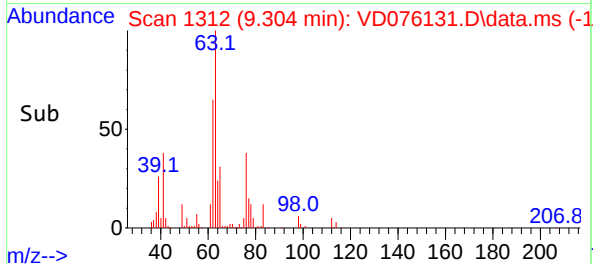
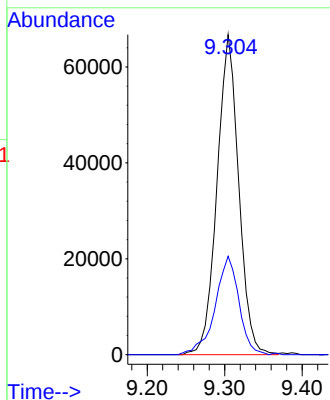
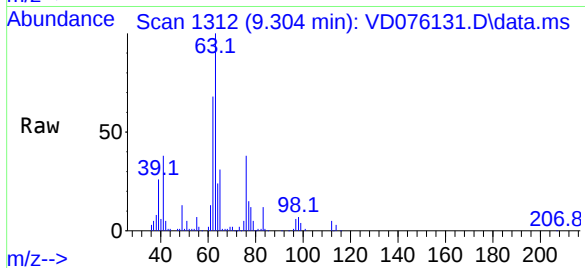




#45
1,2-Dichloropropane
Concen: 52.375 ug/l
RT: 9.304 min Scan# 1312
Delta R.T. 0.000 min
Lab File: VD076131.D
Acq: 18 May 2023 09:56

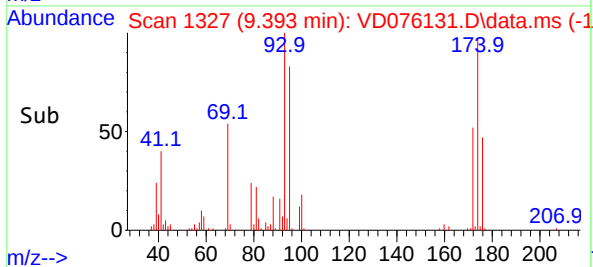
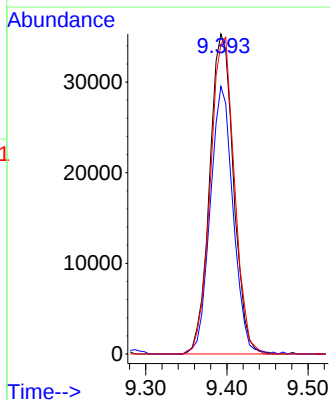
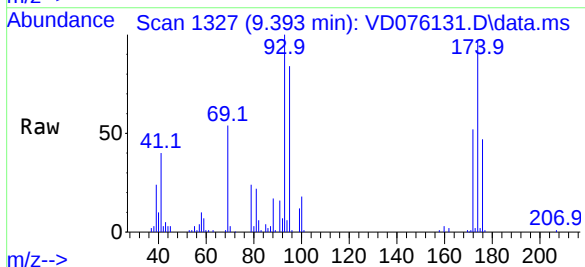
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

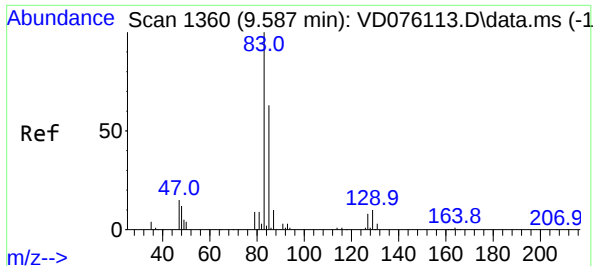
Tgt Ion: 63 Resp: 129818
Ion Ratio Lower Upper
63 100
65 30.8 23.0 34.4



#46
Dibromomethane
Concen: 51.913 ug/l
RT: 9.393 min Scan# 1327
Delta R.T. -0.000 min
Lab File: VD076131.D
Acq: 18 May 2023 09:56

Tgt Ion: 93 Resp: 72124
Ion Ratio Lower Upper
93 100
95 80.1 64.5 96.7
174 99.6 76.2 114.4

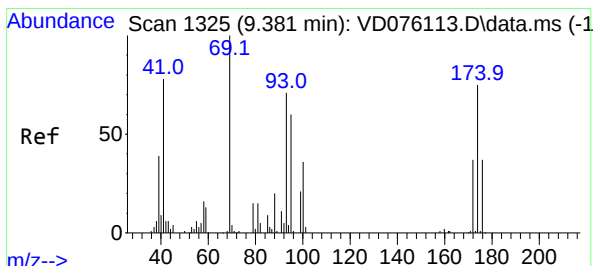
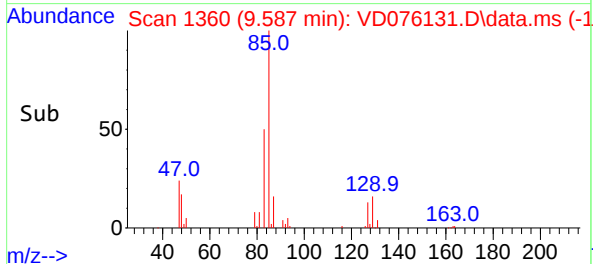
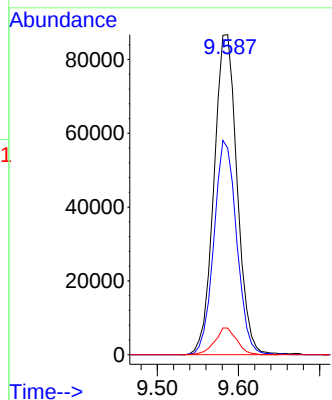
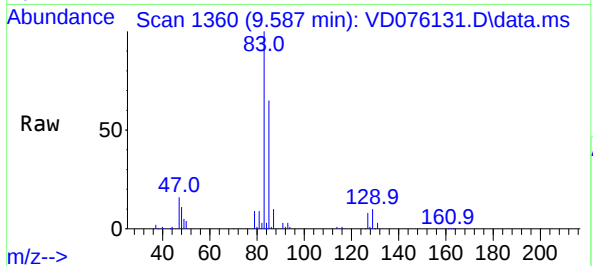




#47
Bromodichloromethane
Concen: 51.532 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD076131.D
Acq: 18 May 2023 09:56

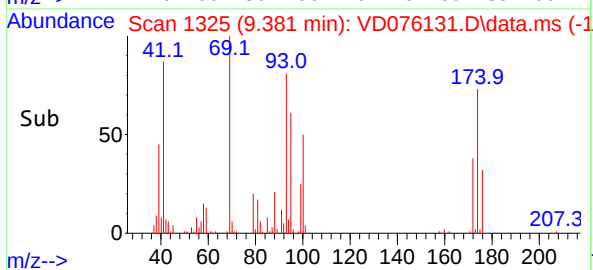
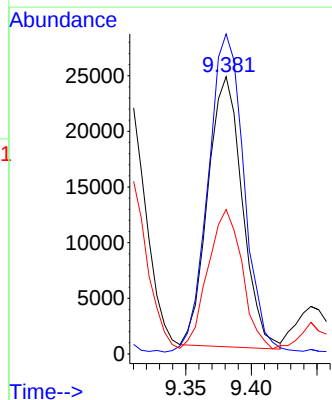
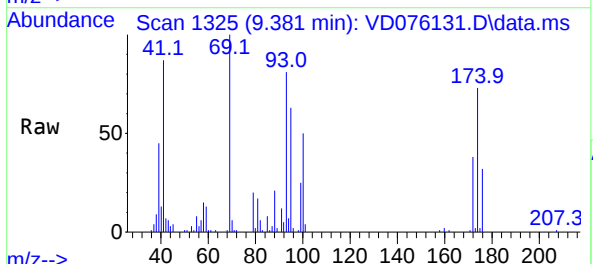
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

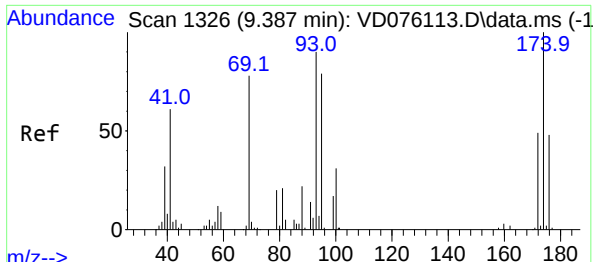
Tgt Ion: 83 Resp: 172067
Ion Ratio Lower Upper
83 100
85 64.5 53.7 80.5
127 8.3 7.0 10.6



#48
Methyl methacrylate
Concen: 49.601 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD076131.D
Acq: 18 May 2023 09:56

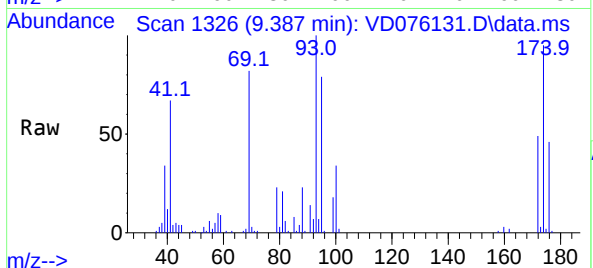
Tgt Ion: 41 Resp: 44384
Ion Ratio Lower Upper
41 100
69 122.8 58.6 88.0#
39 54.4 53.4 80.0



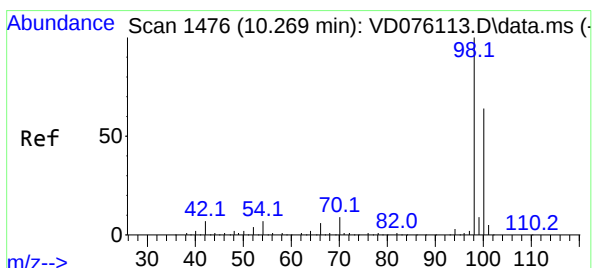
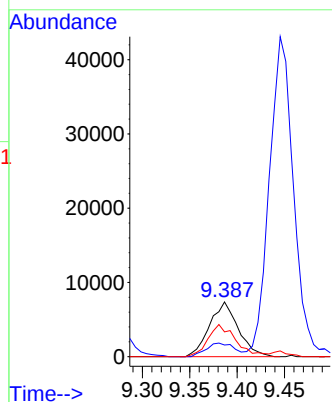
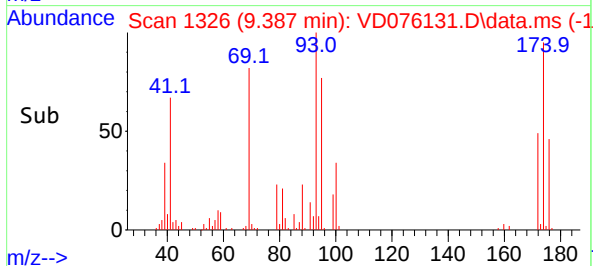


#49
1,4-Dioxane
Concen: 1043.081 ug/l
RT: 9.387 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD076131.D
Acq: 18 May 2023 09:56

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

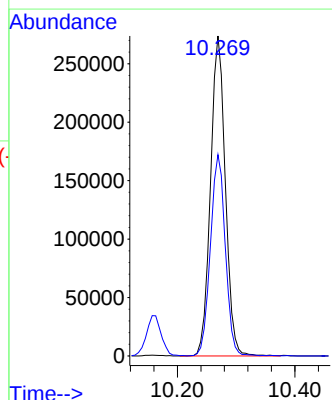
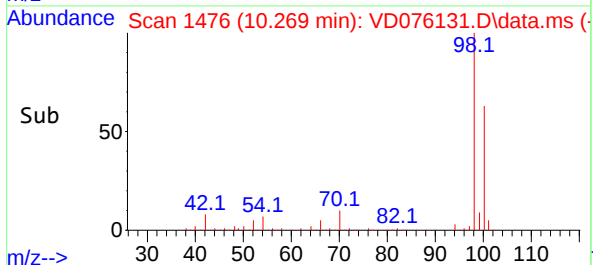
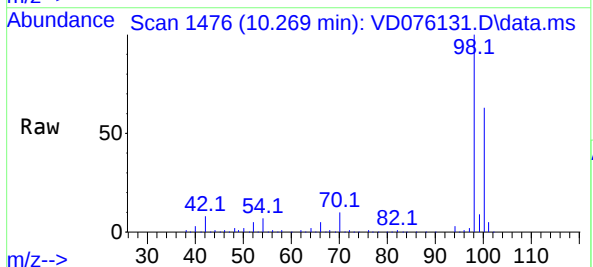


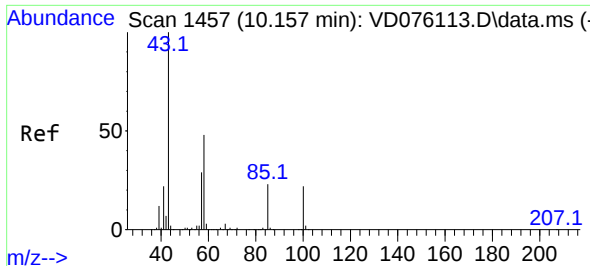
Tgt Ion: 88 Resp: 15497
Ion Ratio Lower Upper
88 100
43 24.1 34.6 51.8#
58 57.5 58.0 87.0#



#50
Toluene-d8
Concen: 53.230 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076131.D
Acq: 18 May 2023 09:56

Tgt Ion: 98 Resp: 480220
Ion Ratio Lower Upper
98 100
100 63.3 52.1 78.1

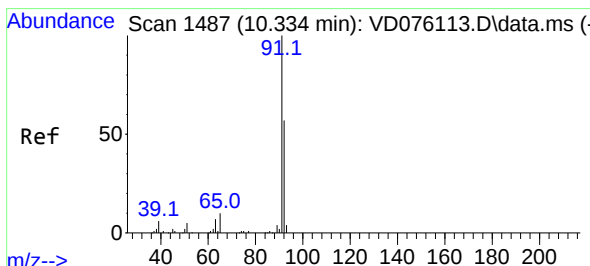
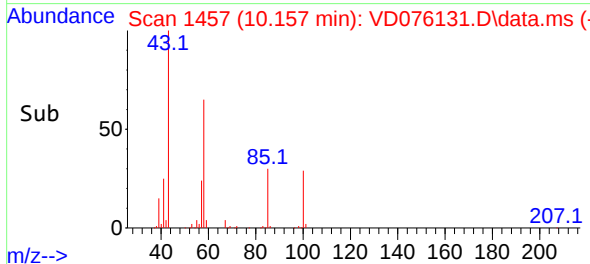
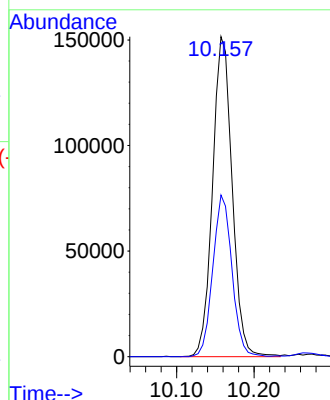
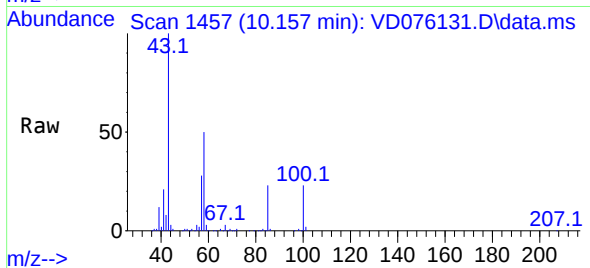




#51
4-Methyl-2-Pentanone
Concen: 247.796 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD076131.D
Acq: 18 May 2023 09:56

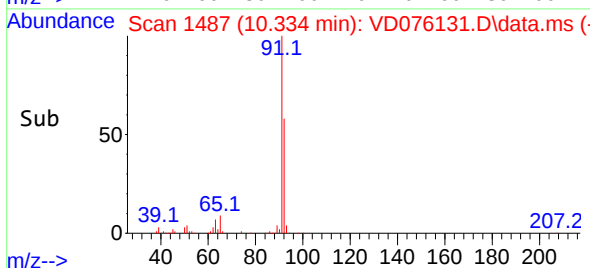
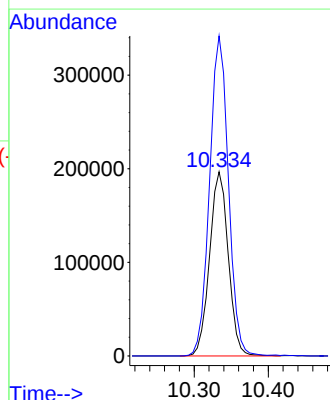
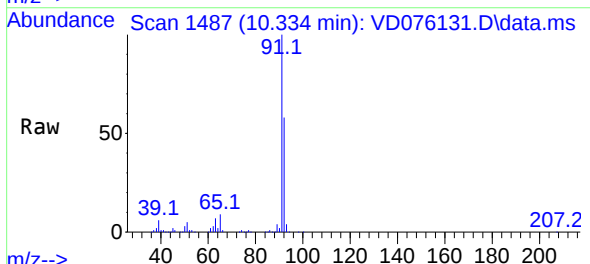
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

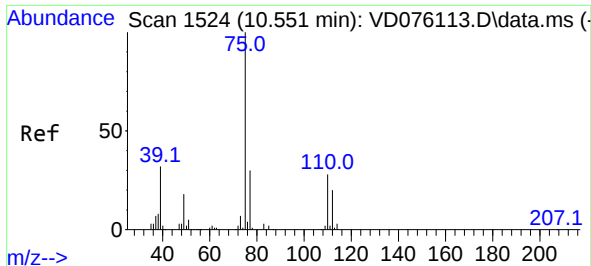
Tgt Ion: 43 Resp: 266453
Ion Ratio Lower Upper
43 100
58 49.2 29.5 44.3#



#52
Toluene
Concen: 54.995 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD076131.D
Acq: 18 May 2023 09:56

Tgt Ion: 92 Resp: 345154
Ion Ratio Lower Upper
92 100
91 175.0 136.5 204.7

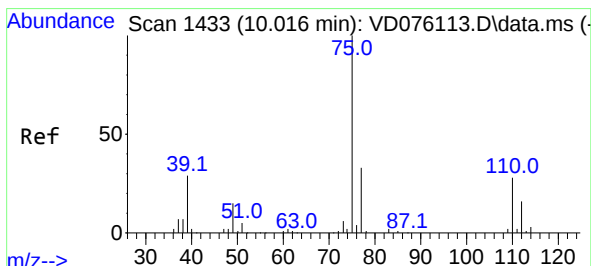
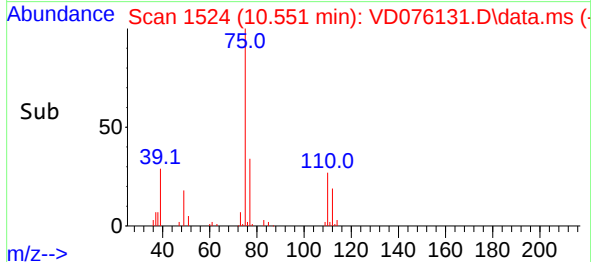
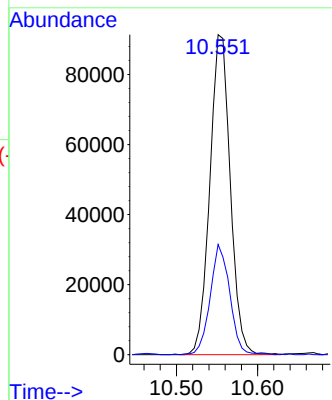
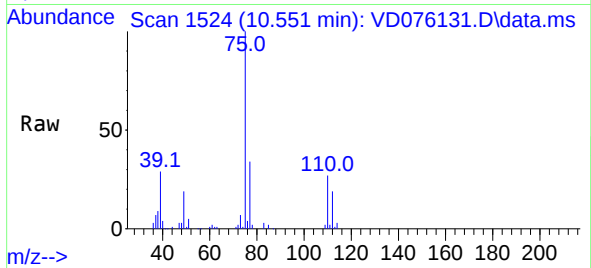




#53
 t-1,3-Dichloropropene
 Concen: 53.131 ug/l
 RT: 10.551 min Scan# 1524
 Delta R.T. -0.006 min
 Lab File: VD076131.D
 Acq: 18 May 2023 09:56

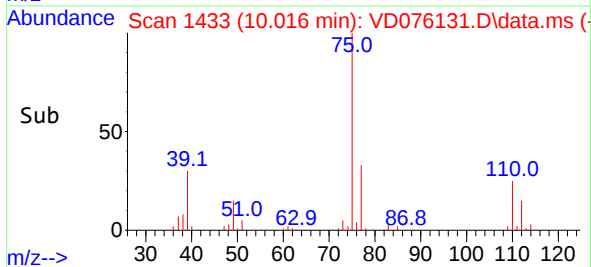
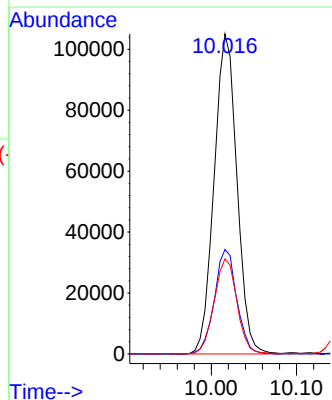
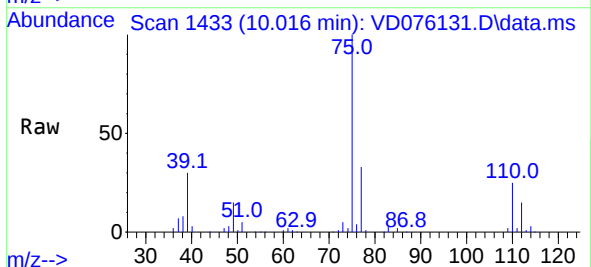
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

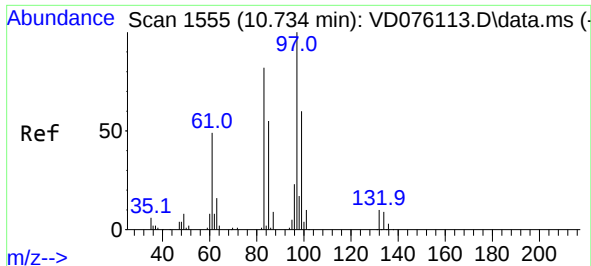
Tgt Ion: 75 Resp: 159895
 Ion Ratio Lower Upper
 75 100
 77 34.5 26.3 39.5



#54
 cis-1,3-Dichloropropene
 Concen: 53.148 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD076131.D
 Acq: 18 May 2023 09:56

Tgt Ion: 75 Resp: 195192
 Ion Ratio Lower Upper
 75 100
 77 32.7 25.6 38.4
 39 29.8 44.8 67.2#



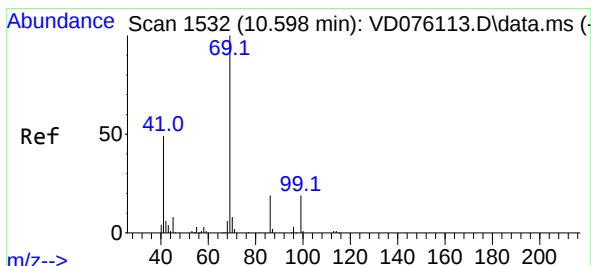
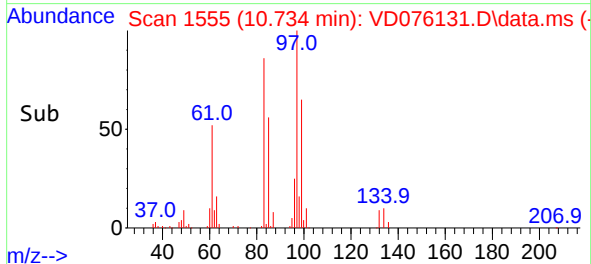
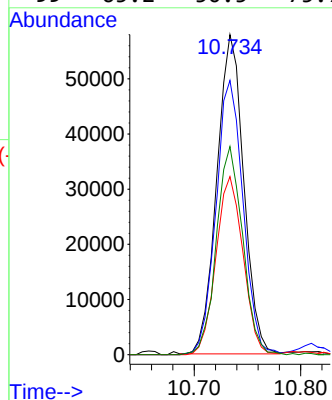
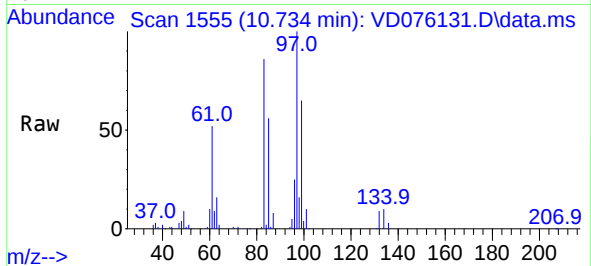


#55
1,1,2-Trichloroethane
Concen: 50.874 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD076131.D
Acq: 18 May 2023 09:56

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 101358

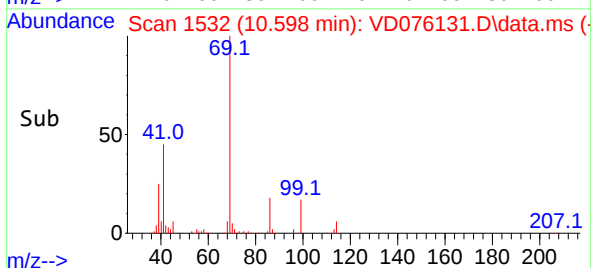
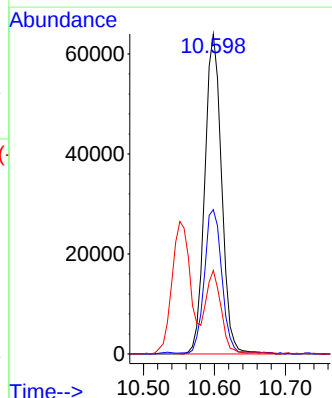
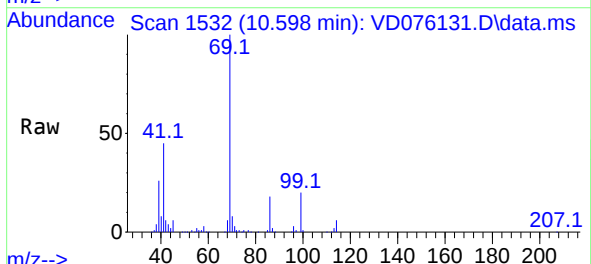
Ion	Ratio	Lower	Upper
97	100		
83	86.0	74.2	111.4
85	55.8	45.4	68.0
99	65.2	50.5	75.7

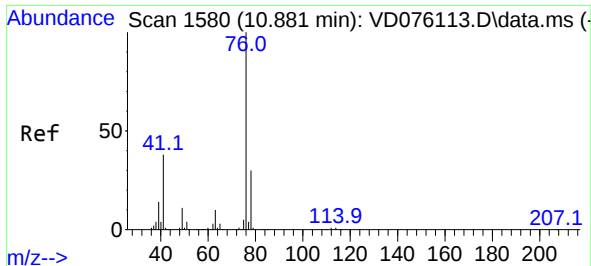


#56
Ethyl methacrylate
Concen: 52.699 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD076131.D
Acq: 18 May 2023 09:56

Tgt Ion: 69 Resp: 105535

Ion	Ratio	Lower	Upper
69	100		
41	46.4	59.3	88.9#
39	22.7	36.0	54.0#

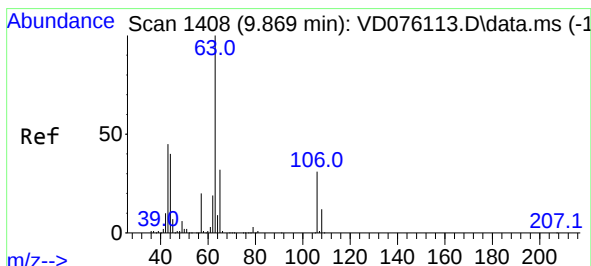
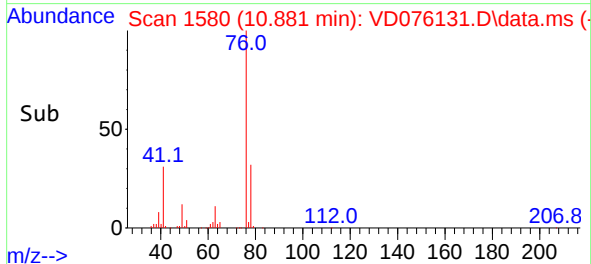
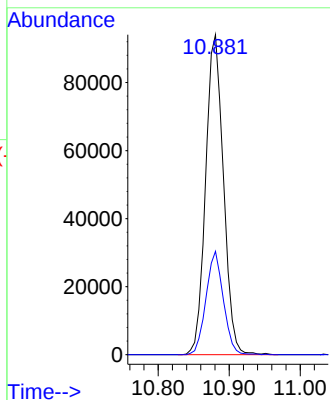
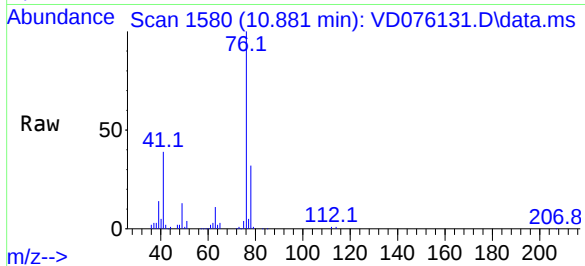




#57
1,3-Dichloropropane
Concen: 52.432 ug/l
RT: 10.881 min Scan# 1580
Delta R.T. -0.000 min
Lab File: VD076131.D
Acq: 18 May 2023 09:56

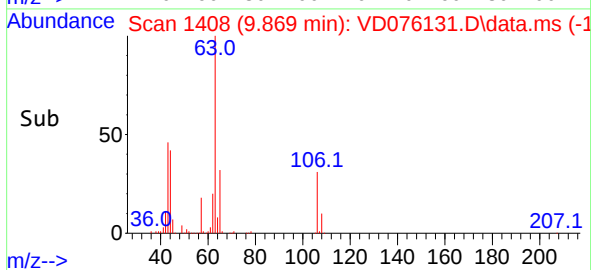
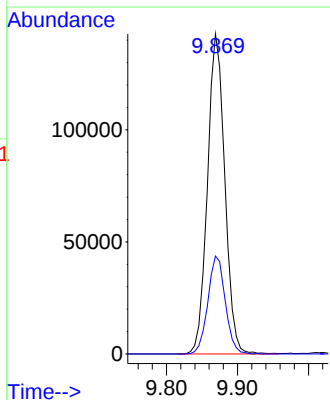
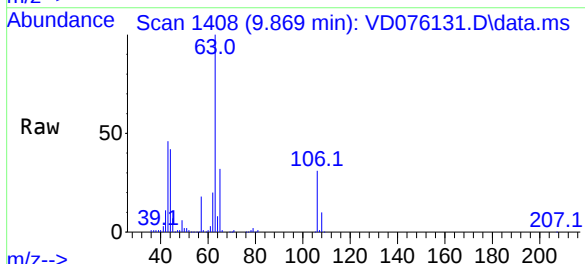
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

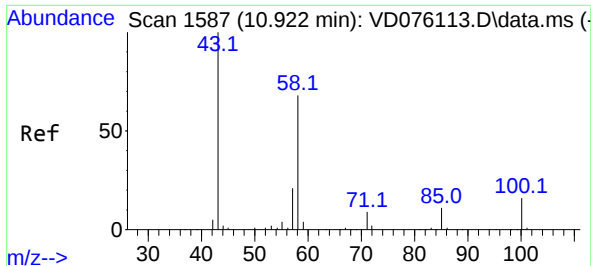
Tgt Ion: 76 Resp: 163889
Ion Ratio Lower Upper
76 100
78 31.5 25.6 38.4



#58
2-Chloroethyl Vinyl ether
Concen: 252.726 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. -0.000 min
Lab File: VD076131.D
Acq: 18 May 2023 09:56

Tgt Ion: 63 Resp: 242832
Ion Ratio Lower Upper
63 100
106 30.7 21.4 32.2

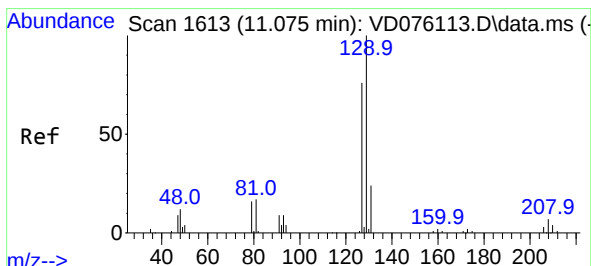
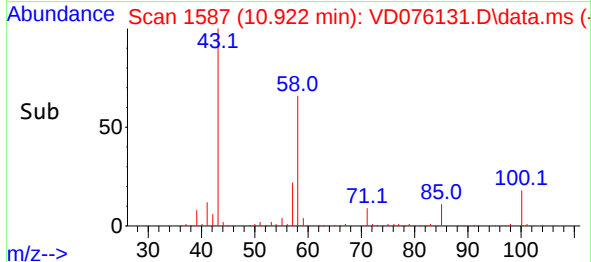
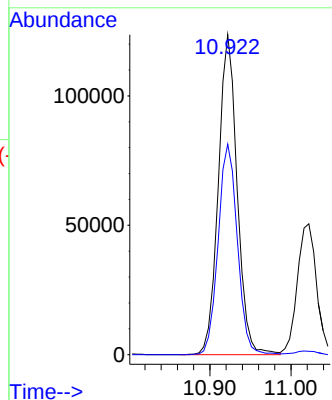
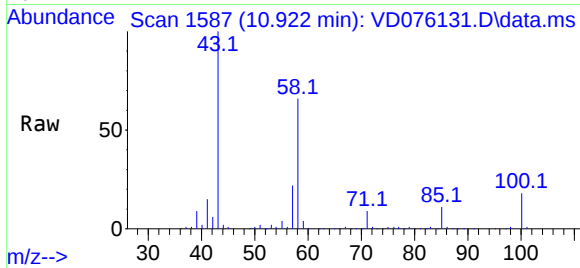




#59
2-Hexanone
Concen: 262.916 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD076131.D
Acq: 18 May 2023 09:56

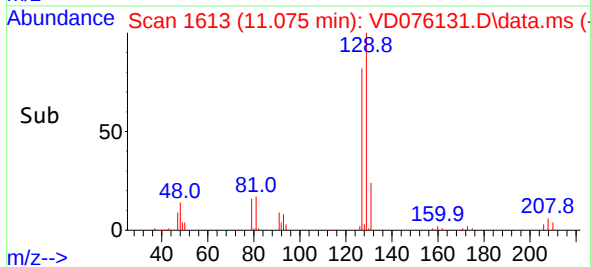
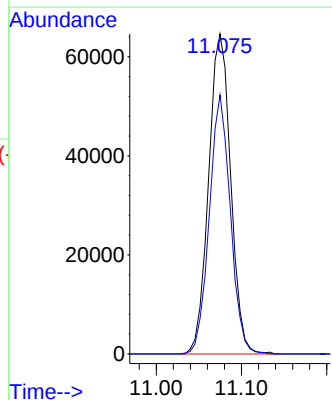
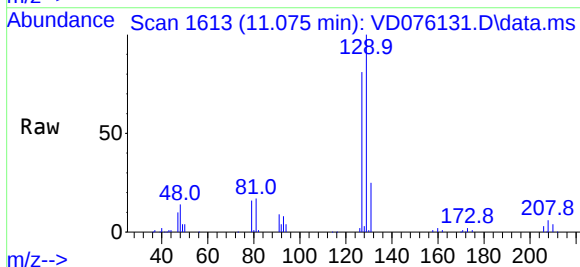
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

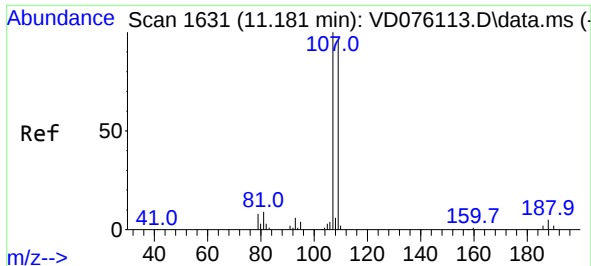
Tgt Ion: 43 Resp: 199376
Ion Ratio Lower Upper
43 100
58 67.1 25.3 75.8



#60
Dibromochloromethane
Concen: 51.884 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD076131.D
Acq: 18 May 2023 09:56

Tgt Ion: 129 Resp: 116232
Ion Ratio Lower Upper
129 100
127 77.1 38.1 114.5

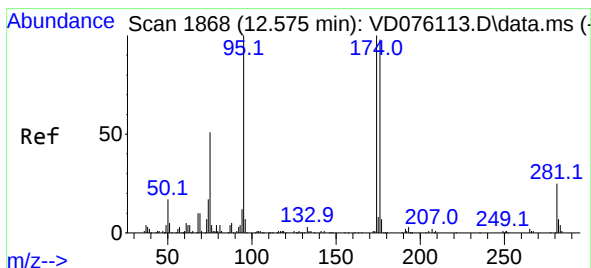
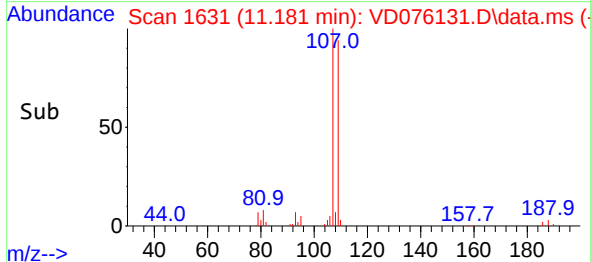
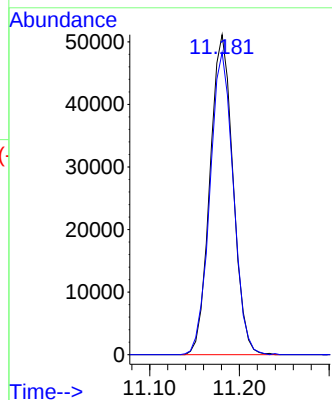
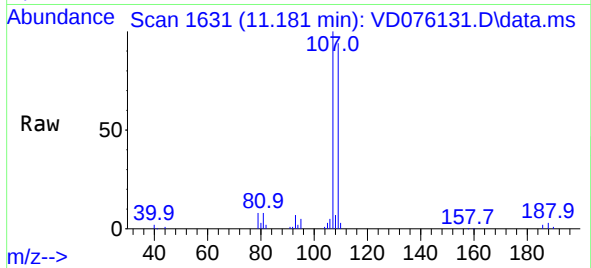




#61
1,2-Dibromoethane
Concen: 51.421 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD076131.D
Acq: 18 May 2023 09:56

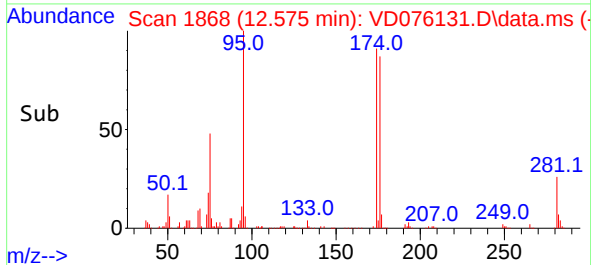
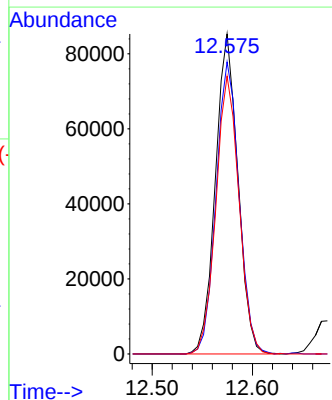
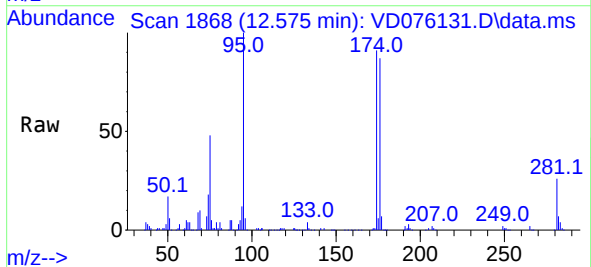
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

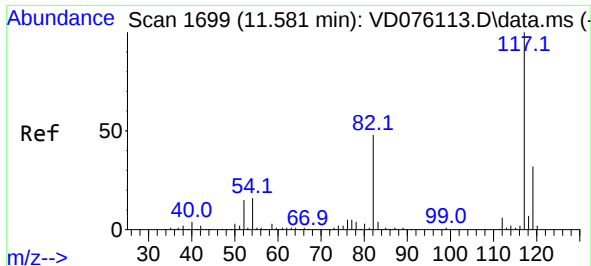
Tgt Ion:107 Resp: 91133
Ion Ratio Lower Upper
107 100
109 95.8 73.6 110.4



#62
4-Bromofluorobenzene
Concen: 53.052 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076131.D
Acq: 18 May 2023 09:56

Tgt Ion: 95 Resp: 132952
Ion Ratio Lower Upper
95 100
174 93.1 0.0 164.0
176 89.0 0.0 156.8

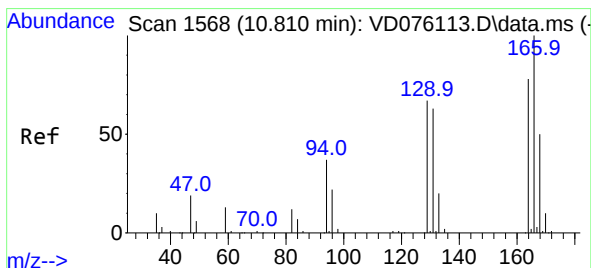
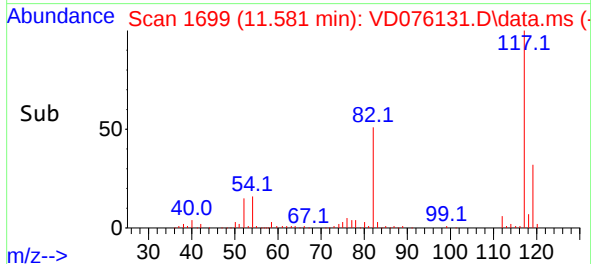
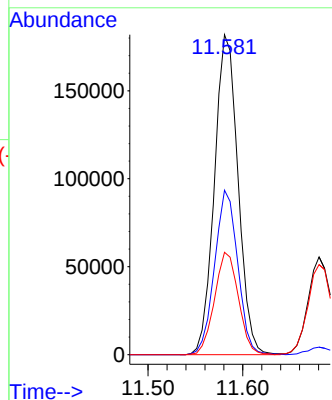
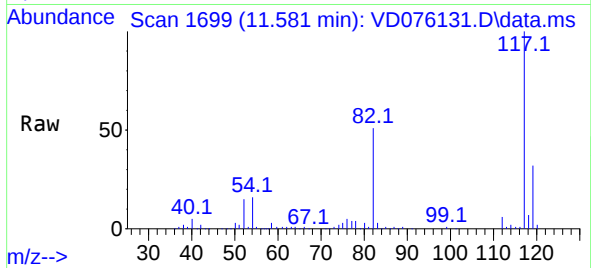




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD076131.D
Acq: 18 May 2023 09:56

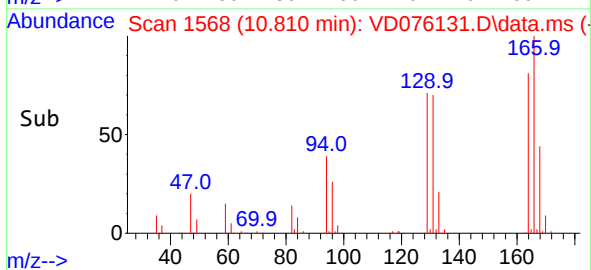
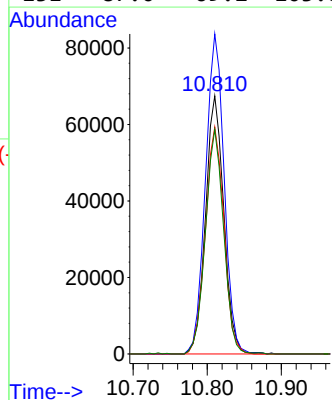
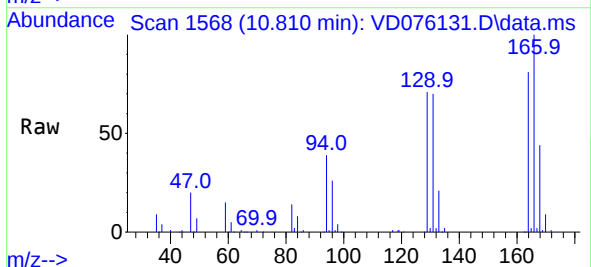
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

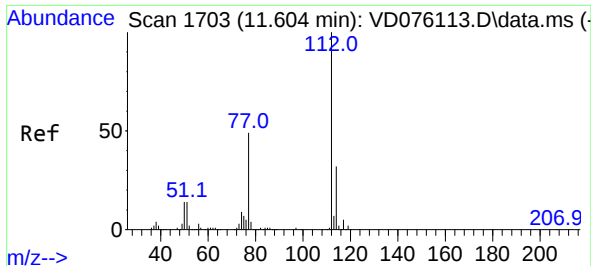
Tgt Ion:117 Resp: 315169
Ion Ratio Lower Upper
117 100
82 51.4 44.0 66.0
119 32.0 25.1 37.7



#64
Tetrachloroethene
Concen: 47.844 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD076131.D
Acq: 18 May 2023 09:56

Tgt Ion:164 Resp: 115952
Ion Ratio Lower Upper
164 100
166 124.0 94.9 142.3
129 87.9 73.0 109.6
131 87.0 69.2 103.8

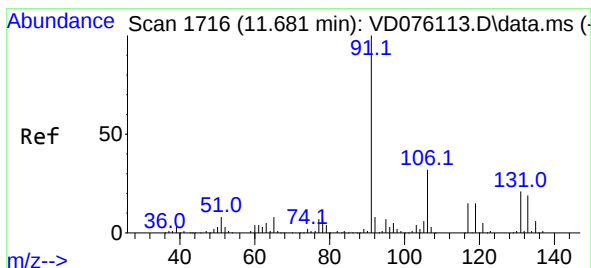
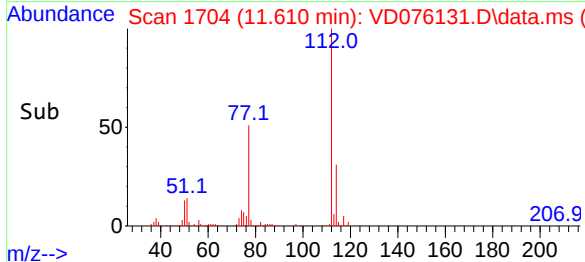
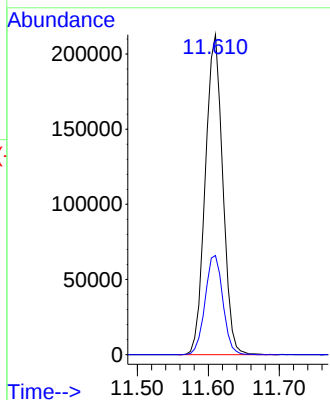
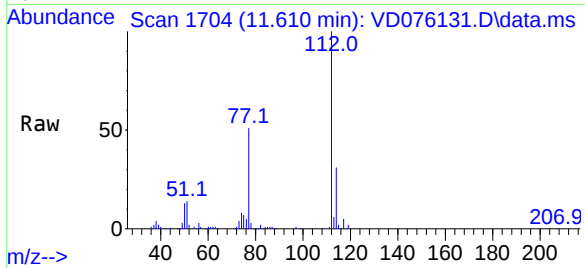




#65
Chlorobenzene
Concen: 50.640 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD076131.D
Acq: 18 May 2023 09:56

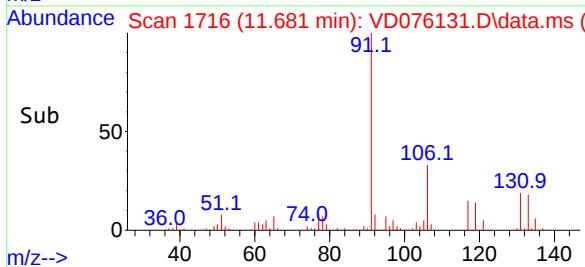
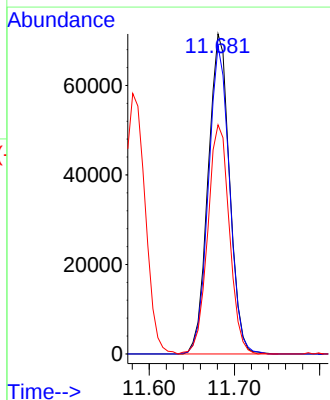
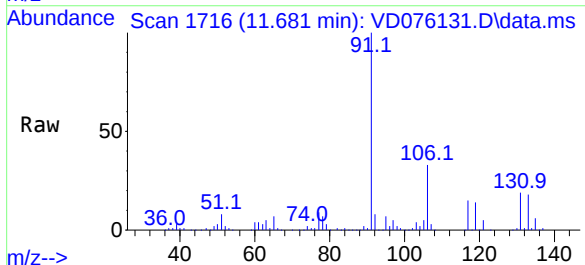
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

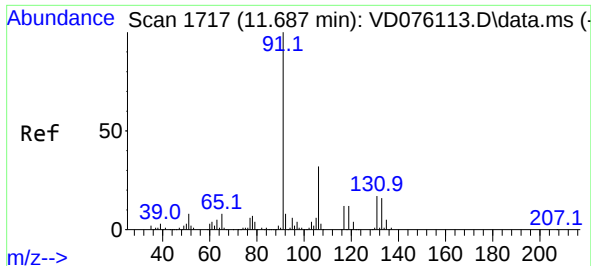
Tgt Ion:112 Resp: 363342
Ion Ratio Lower Upper
112 100
114 31.0 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 50.590 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076131.D
Acq: 18 May 2023 09:56

Tgt Ion:131 Resp: 124917
Ion Ratio Lower Upper
131 100
133 94.8 46.7 140.0
119 72.2 31.9 95.9

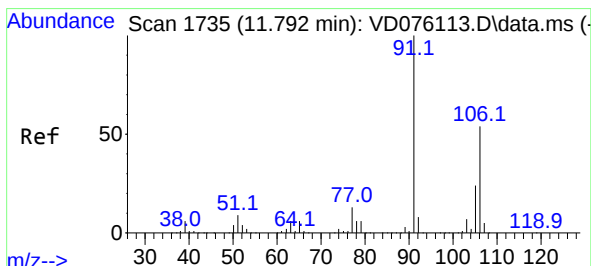
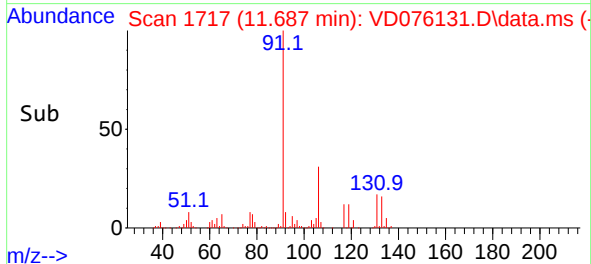
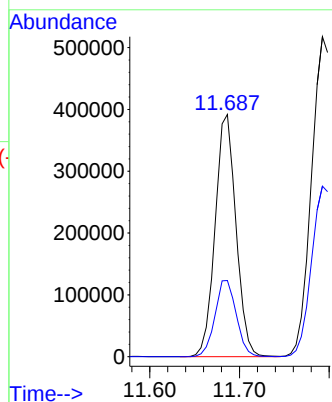
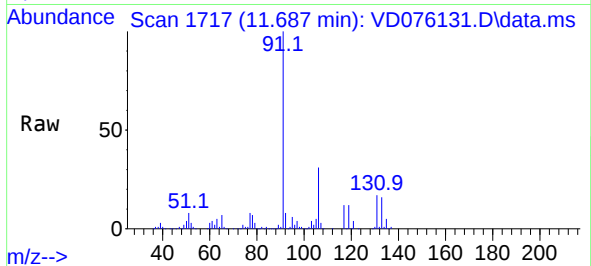




#67
Ethyl Benzene
Concen: 55.197 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD076131.D
Acq: 18 May 2023 09:56

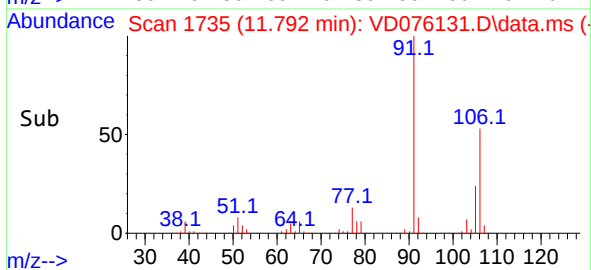
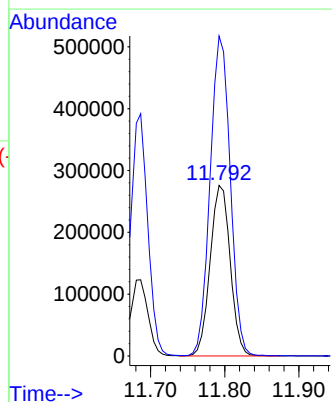
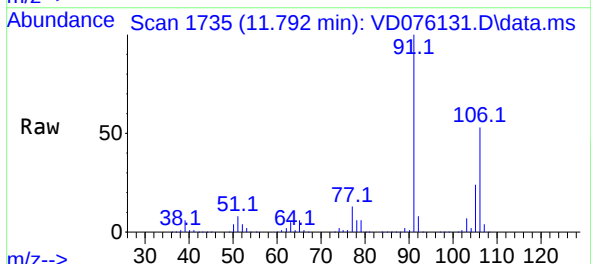
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

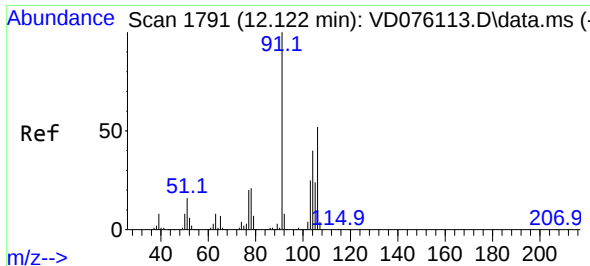
Tgt Ion: 91 Resp: 632836
Ion Ratio Lower Upper
91 100
106 31.5 24.5 36.7



#68
m/p-Xylenes
Concen: 110.654 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.001 min
Lab File: VD076131.D
Acq: 18 May 2023 09:56

Tgt Ion: 106 Resp: 518504
Ion Ratio Lower Upper
106 100
91 188.2 161.5 242.3

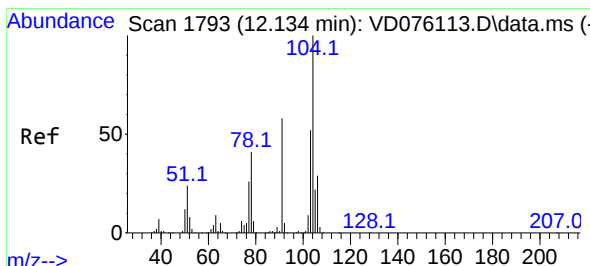
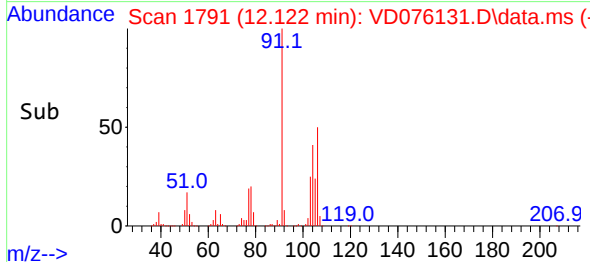
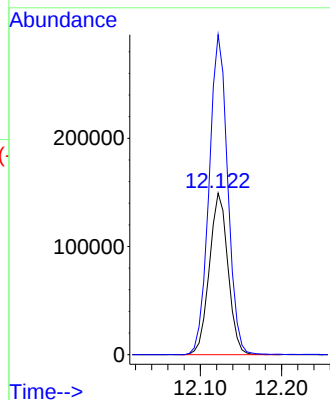
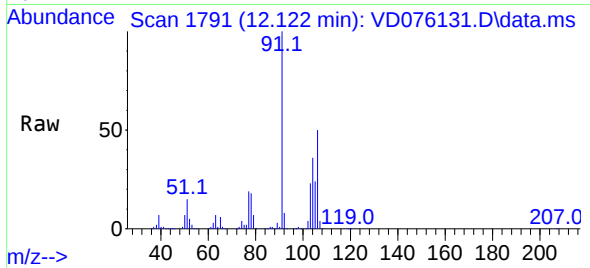




#69
o-Xylene
Concen: 55.466 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD076131.D
Acq: 18 May 2023 09:56

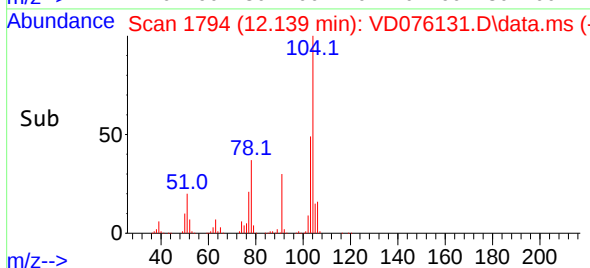
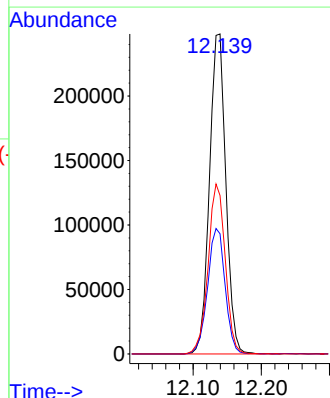
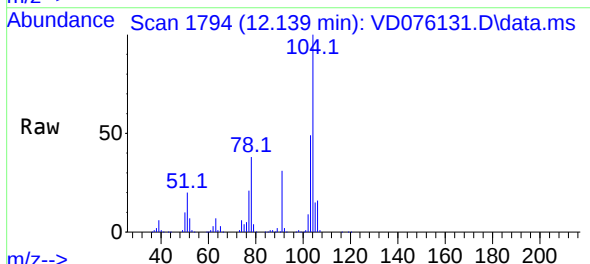
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

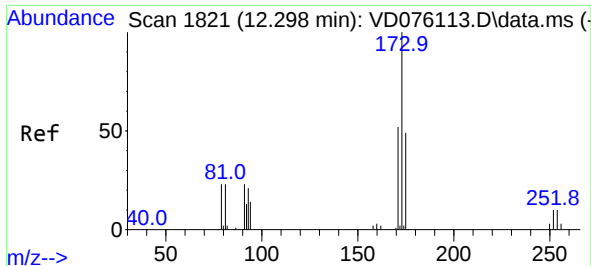
Tgt Ion:106 Resp: 237154
Ion Ratio Lower Upper
106 100
91 198.7 105.7 317.1



#70
Styrene
Concen: 55.973 ug/l
RT: 12.139 min Scan# 1794
Delta R.T. -0.001 min
Lab File: VD076131.D
Acq: 18 May 2023 09:56

Tgt Ion:104 Resp: 414924
Ion Ratio Lower Upper
104 100
78 42.0 40.2 60.4
103 55.5 44.2 66.2

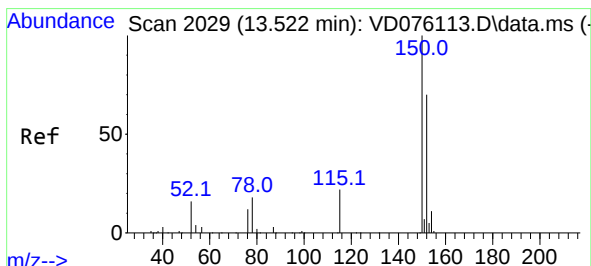
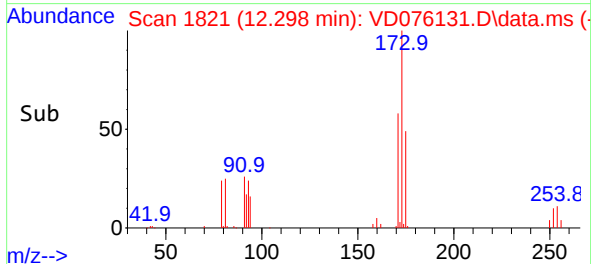
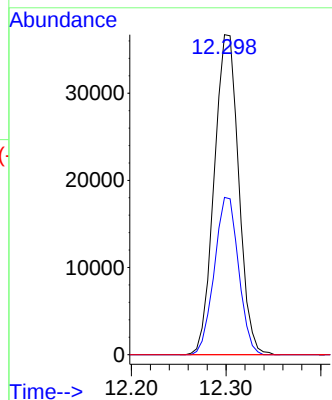
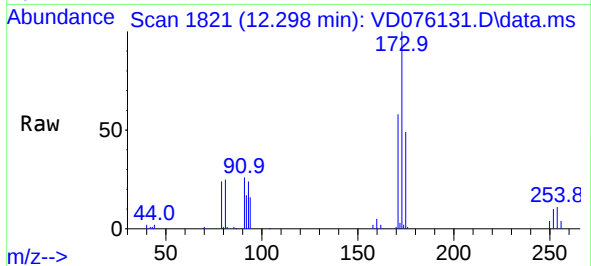




#71
Bromoform
Concen: 47.459 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD076131.D
Acq: 18 May 2023 09:56

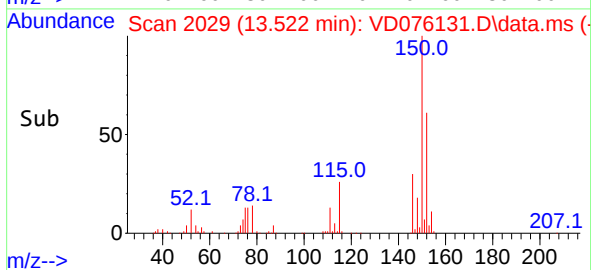
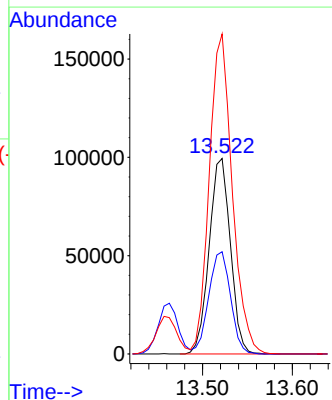
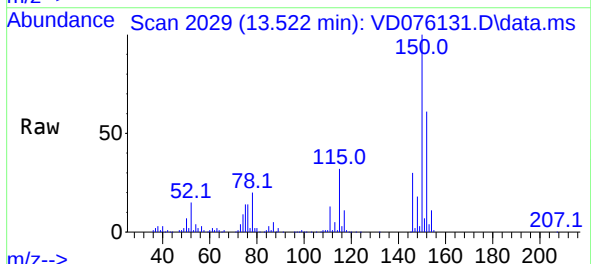
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

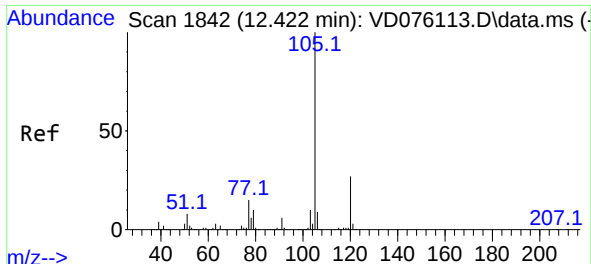
Tgt Ion:173 Resp: 65916
Ion Ratio Lower Upper
173 100
175 48.7 23.5 70.5
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD076131.D
Acq: 18 May 2023 09:56

Tgt Ion:152 Resp: 163634
Ion Ratio Lower Upper
152 100
115 53.7 30.1 90.3
150 176.6 0.0 364.8

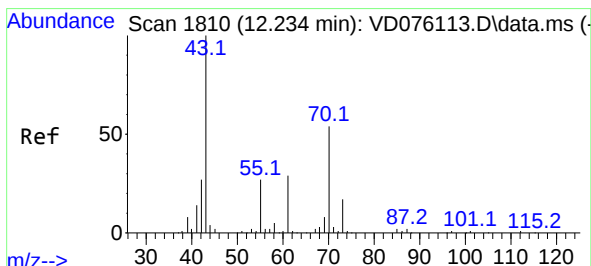
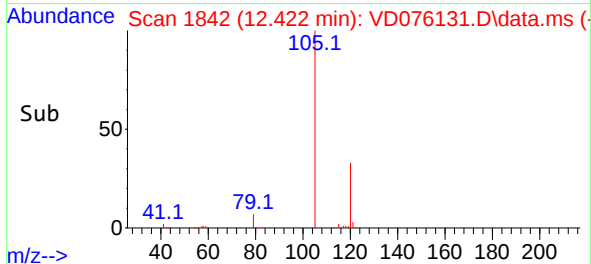
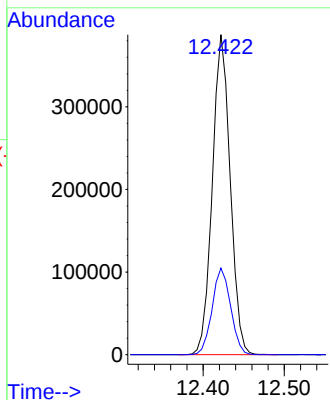
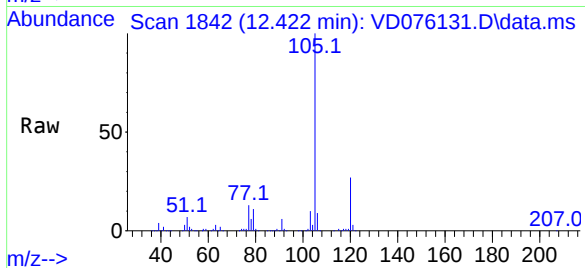




#73
Isopropylbenzene
Concen: 54.663 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD076131.D
Acq: 18 May 2023 09:56

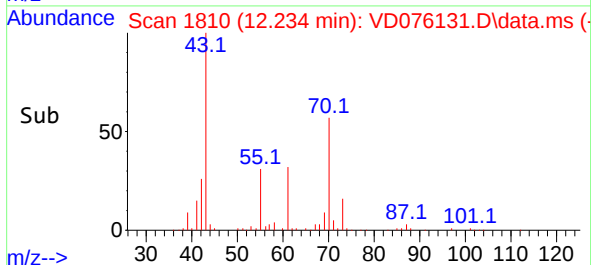
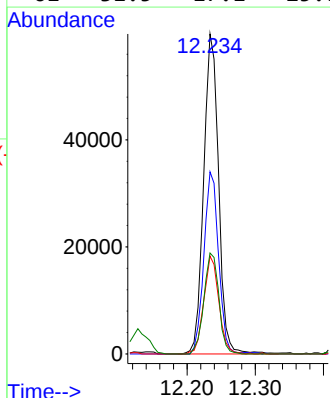
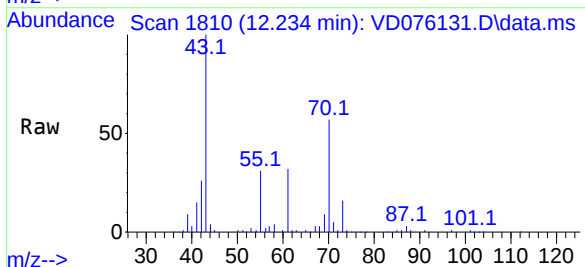
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

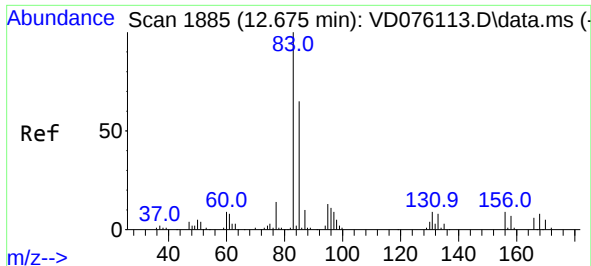
Tgt Ion:105 Resp: 591707
Ion Ratio Lower Upper
105 100
120 27.9 13.4 40.1



#74
N-ethyl acetate
Concen: 47.333 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD076131.D
Acq: 18 May 2023 09:56

Tgt Ion: 43 Resp: 91262
Ion Ratio Lower Upper
43 100
70 55.8 31.0 46.4#
55 30.8 18.6 28.0#
61 31.5 17.1 25.7#

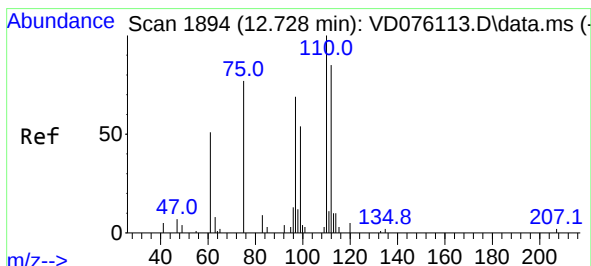
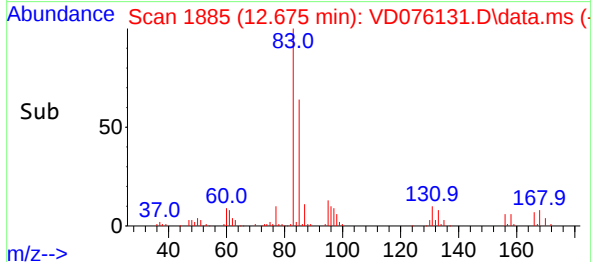
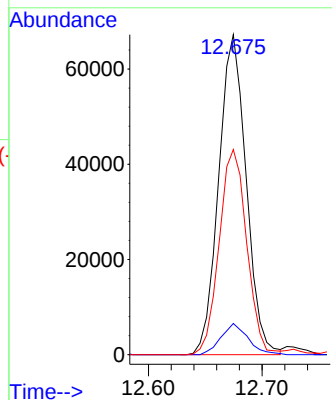
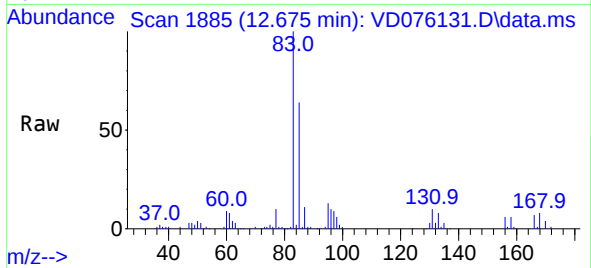




#75
1,1,2,2-Tetrachloroethane
Concen: 48.550 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD076131.D
Acq: 18 May 2023 09:56

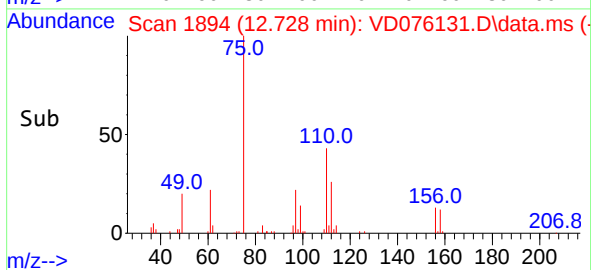
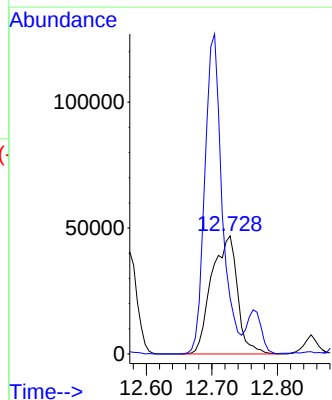
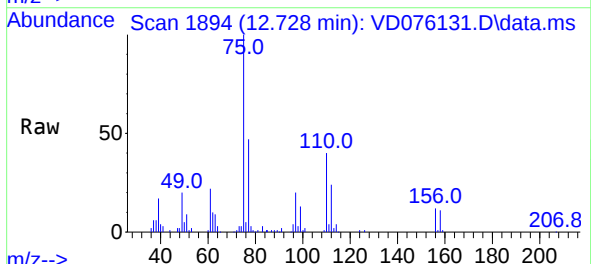
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

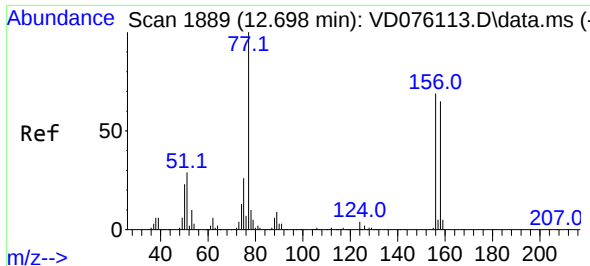
Tgt Ion: 83 Resp: 112949
Ion Ratio Lower Upper
83 100
131 9.6 5.1 15.2
85 64.2 33.6 100.6



#76
1,2,3-Trichloropropane
Concen: 89.948 ug/l
RT: 12.728 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VD076131.D
Acq: 18 May 2023 09:56

Tgt Ion: 75 Resp: 128800
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

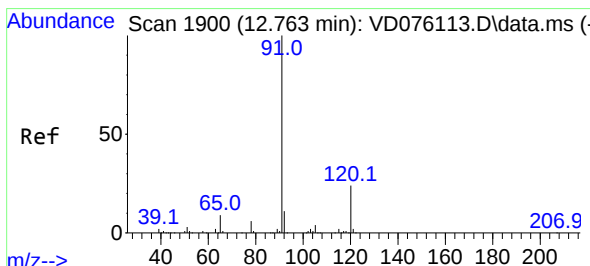
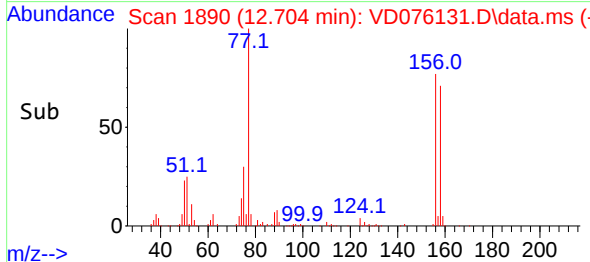
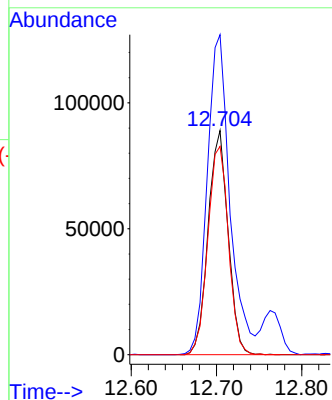
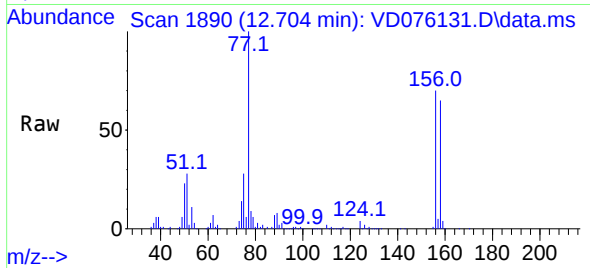




#77
Bromobenzene
Concen: 49.800 ug/l
RT: 12.704 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VD076131.D
Acq: 18 May 2023 09:56

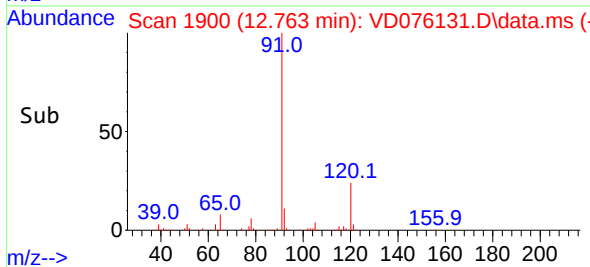
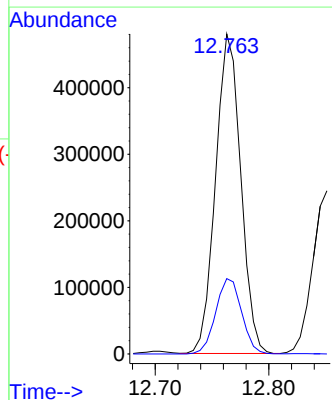
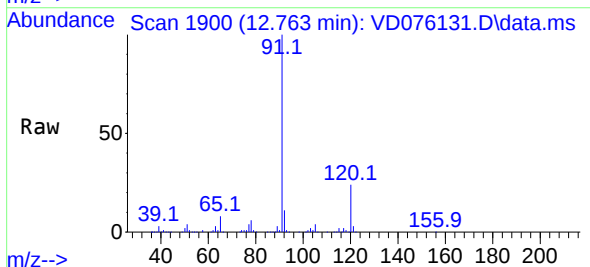
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

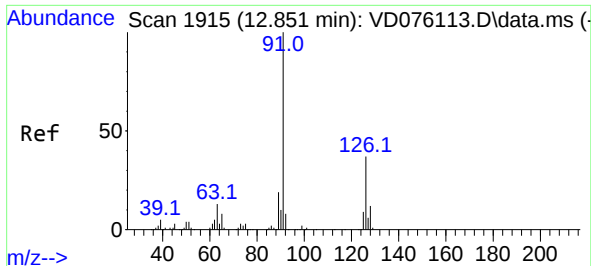
Tgt Ion:156 Resp: 144486
Ion Ratio Lower Upper
156 100
77 162.4 89.5 268.6
158 96.3 47.8 143.4



#78
n-propylbenzene
Concen: 54.891 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD076131.D
Acq: 18 May 2023 09:56

Tgt Ion: 91 Resp: 739577
Ion Ratio Lower Upper
91 100
120 24.2 11.4 34.2

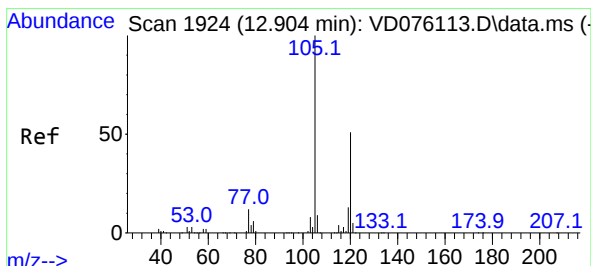
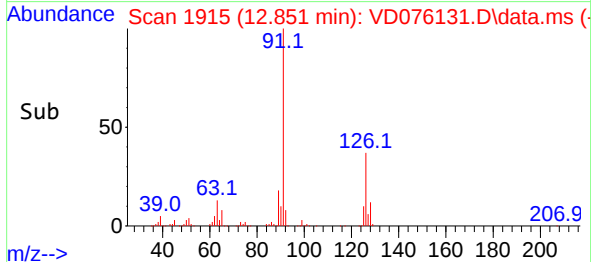
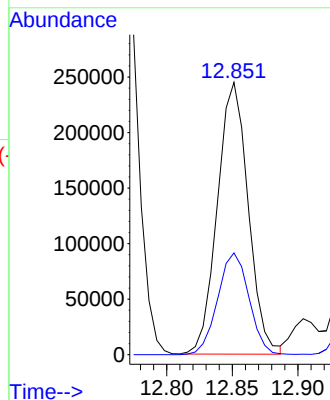
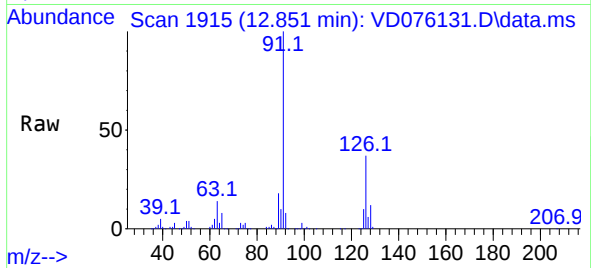




#79
2-Chlorotoluene
Concen: 53.741 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD076131.D
Acq: 18 May 2023 09:56

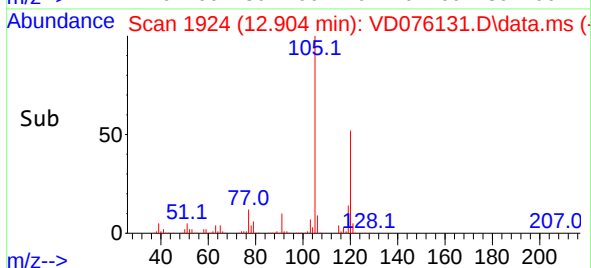
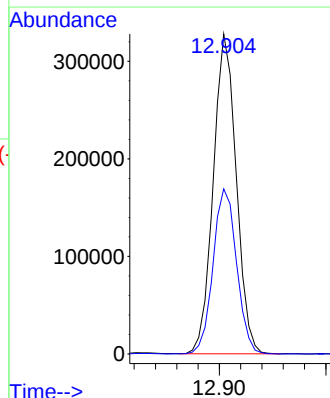
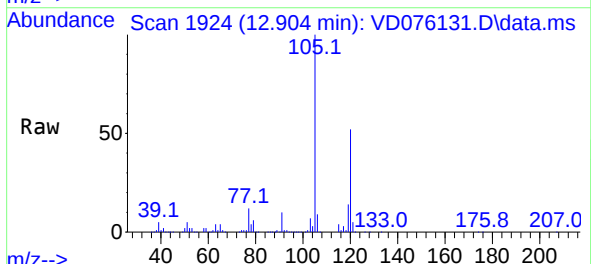
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

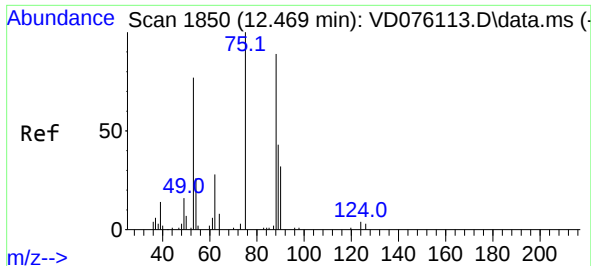
Tgt Ion: 91 Resp: 400742
Ion Ratio Lower Upper
91 100
126 37.9 16.8 50.3



#80
1,3,5-Trimethylbenzene
Concen: 54.639 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD076131.D
Acq: 18 May 2023 09:56

Tgt Ion: 105 Resp: 490299
Ion Ratio Lower Upper
105 100
120 53.0 24.3 72.8

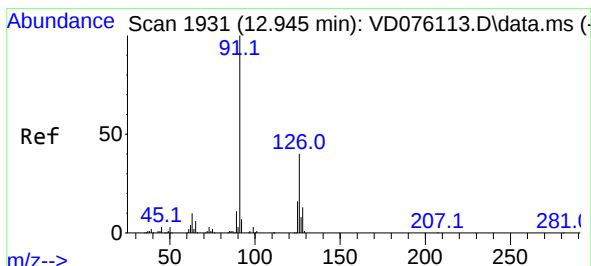
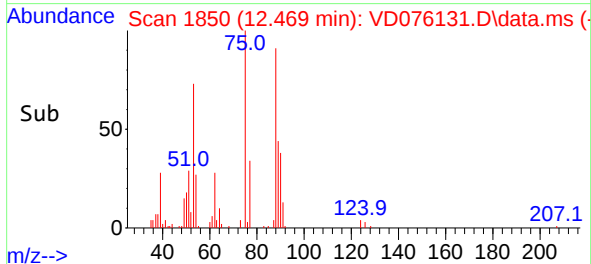
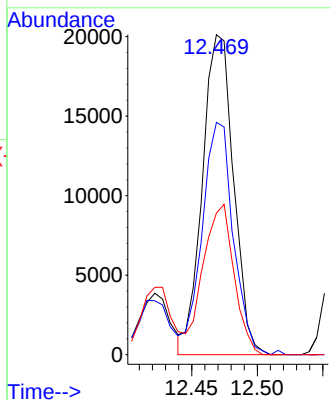
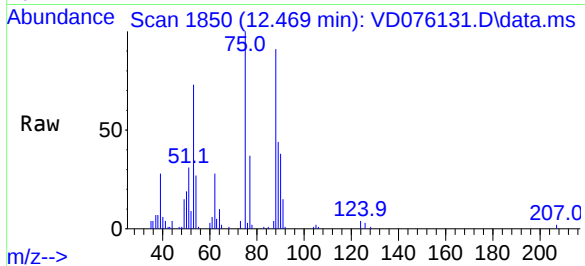




#81
trans-1,4-Dichloro-2-butene
Concen: 48.686 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VD076131.D
Acq: 18 May 2023 09:56

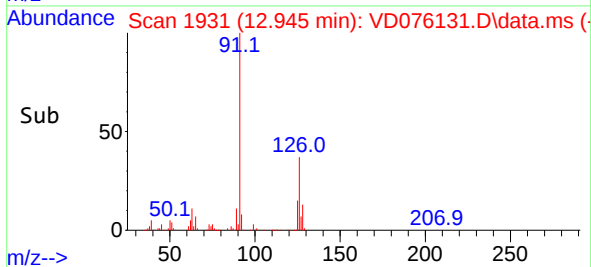
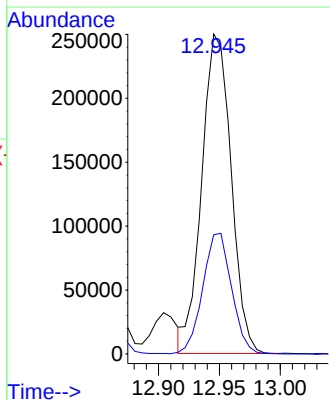
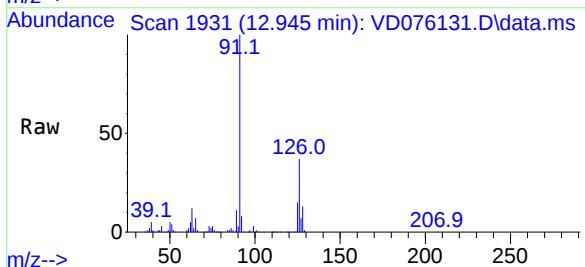
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

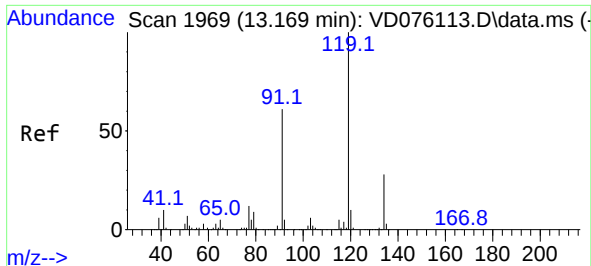
Tgt Ion: 75 Resp: 33232
Ion Ratio Lower Upper
75 100
53 72.9 90.5 135.7#
89 46.2 40.2 60.4



#82
4-Chlorotoluene
Concen: 52.874 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.006 min
Lab File: VD076131.D
Acq: 18 May 2023 09:56

Tgt Ion: 91 Resp: 419382
Ion Ratio Lower Upper
91 100
126 37.2 17.1 51.2

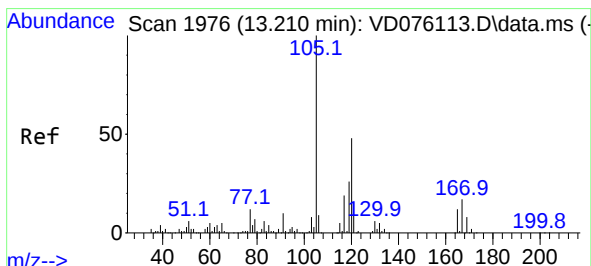
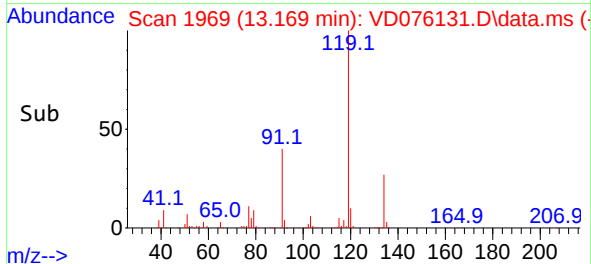
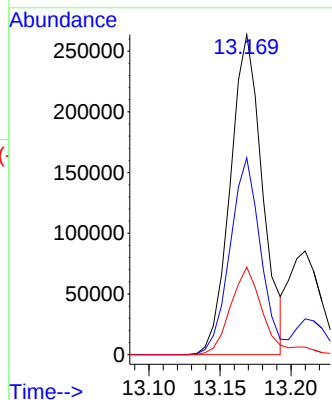
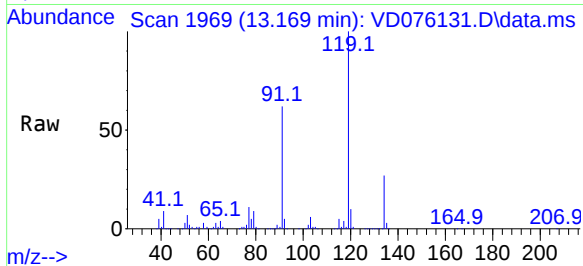




#83
tert-Butylbenzene
Concen: 54.877 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD076131.D
Acq: 18 May 2023 09:56

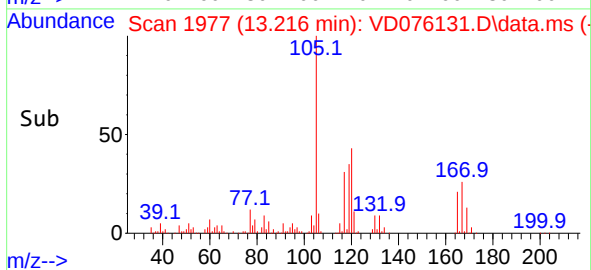
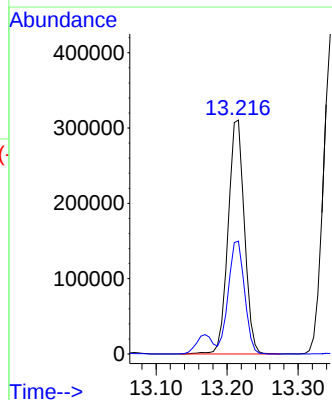
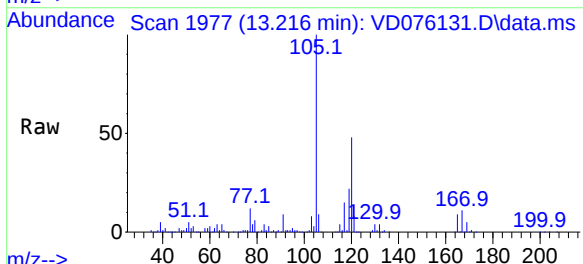
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

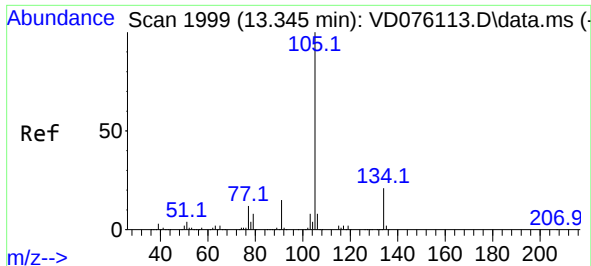
Tgt Ion:119 Resp: 416170
Ion Ratio Lower Upper
119 100
91 59.2 32.4 97.0
134 28.1 13.0 39.0



#84
1,2,4-Trimethylbenzene
Concen: 55.322 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. -0.000 min
Lab File: VD076131.D
Acq: 18 May 2023 09:56

Tgt Ion:105 Resp: 494390
Ion Ratio Lower Upper
105 100
120 48.0 22.3 66.9

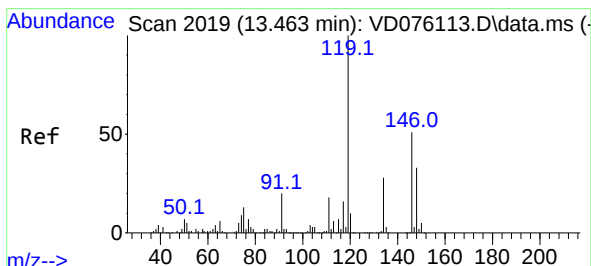
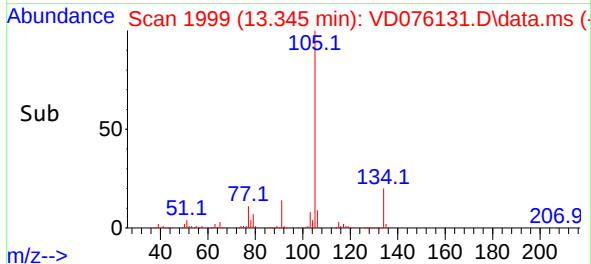
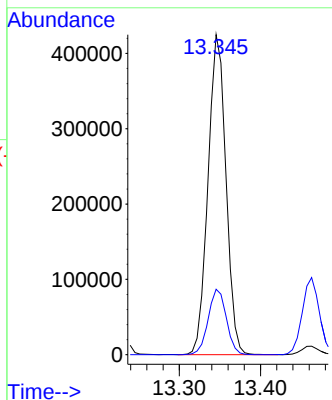
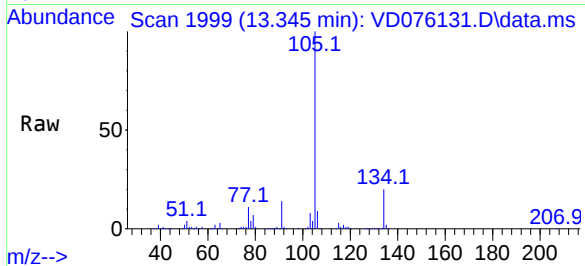




#85
 sec-Butylbenzene
 Concen: 55.171 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD076131.D
 Acq: 18 May 2023 09:56

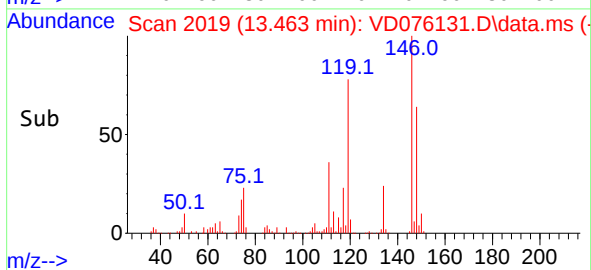
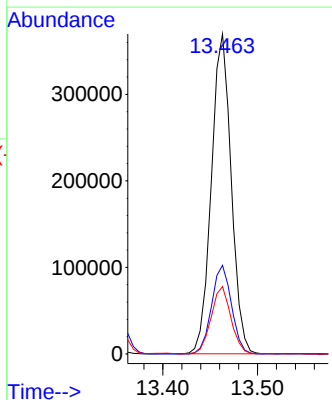
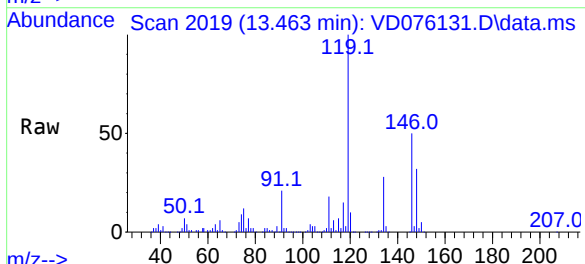
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

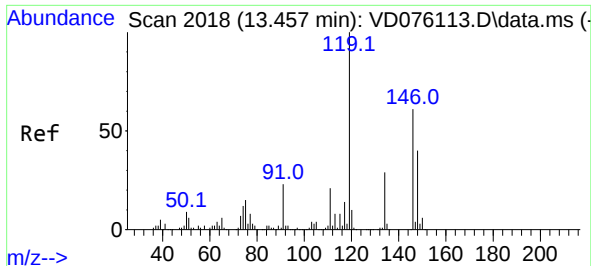
Tgt Ion:105 Resp: 652054
 Ion Ratio Lower Upper
 105 100
 134 20.6 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 55.570 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VD076131.D
 Acq: 18 May 2023 09:56

Tgt Ion:119 Resp: 537400
 Ion Ratio Lower Upper
 119 100
 134 27.9 13.1 39.3
 91 21.3 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 51.849 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.006 min

Lab File: VD076131.D

Acq: 18 May 2023 09:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

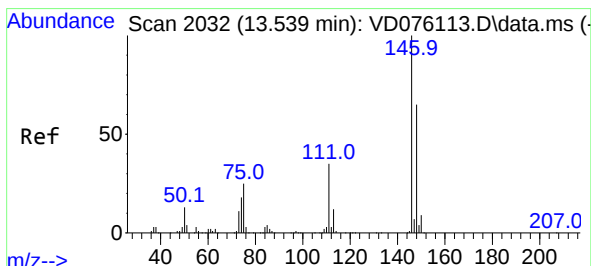
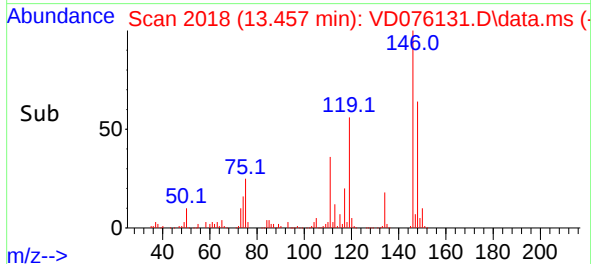
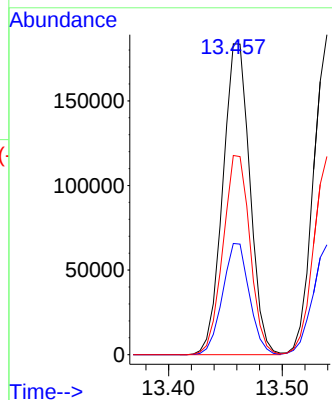
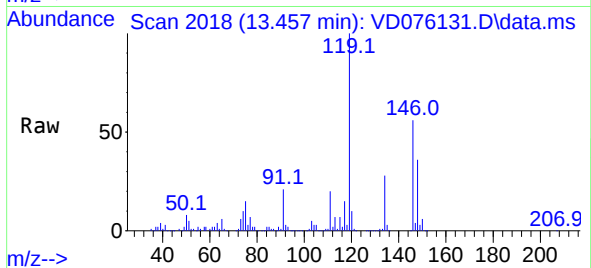
Tgt Ion:146 Resp: 304149

Ion Ratio Lower Upper

146 100

111 35.5 19.8 59.3

148 64.0 31.0 93.0



#88

1,4-Dichlorobenzene

Concen: 51.531 ug/l

RT: 13.539 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VD076131.D

Acq: 18 May 2023 09:56

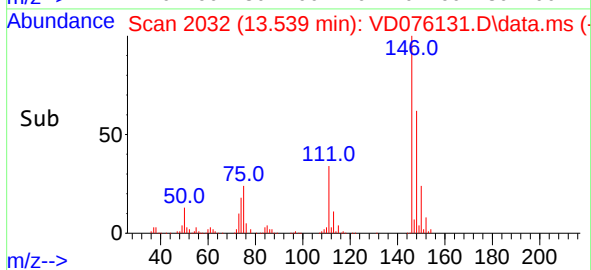
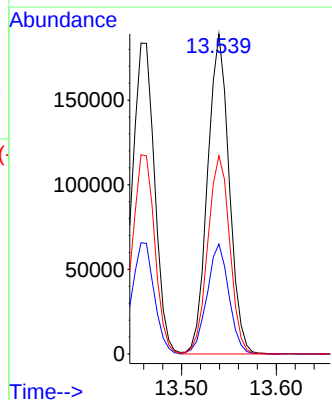
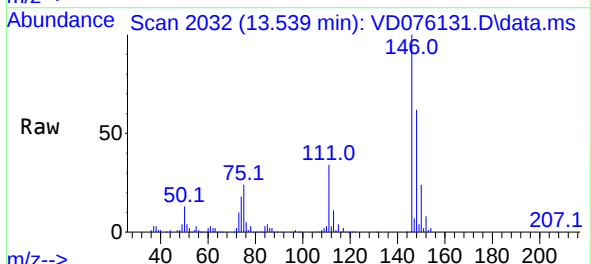
Tgt Ion:146 Resp: 299315

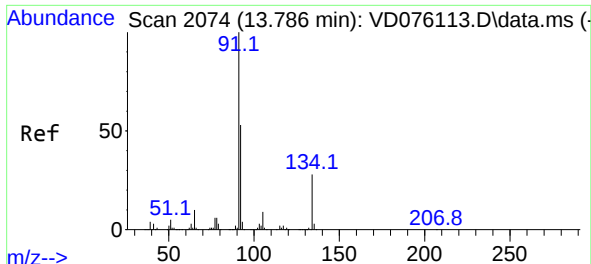
Ion Ratio Lower Upper

146 100

111 34.8 19.6 58.8

148 63.1 31.7 95.1

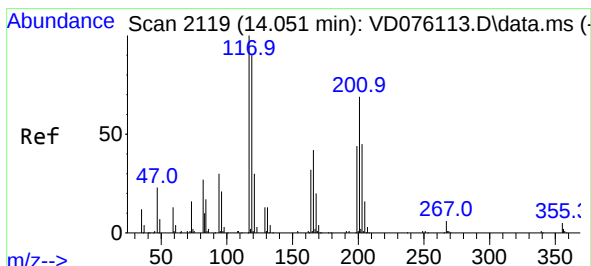
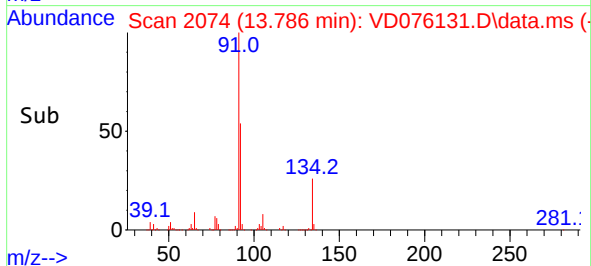
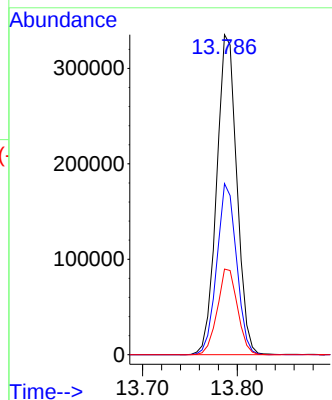
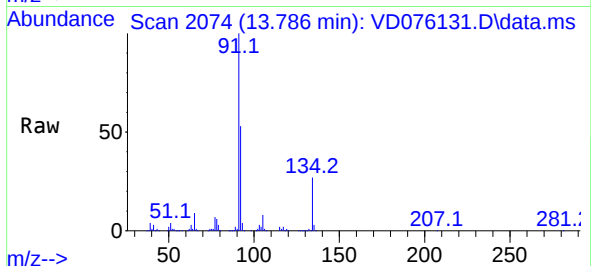




#89
n-Butylbenzene
Concen: 54.435 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. -0.006 min
Lab File: VD076131.D
Acq: 18 May 2023 09:56

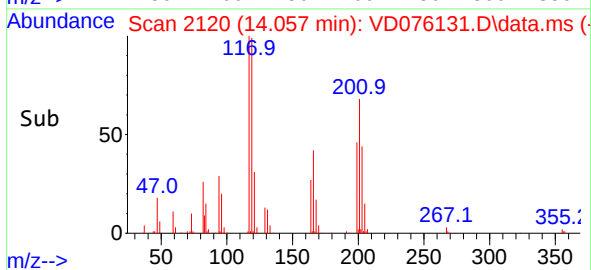
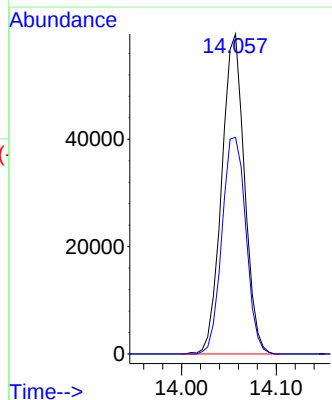
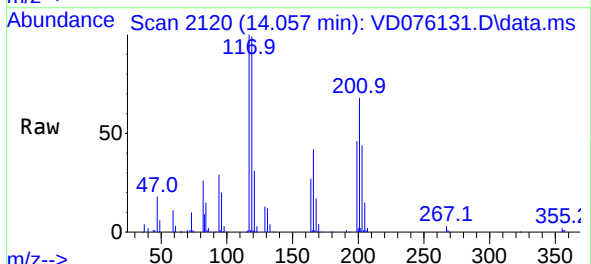
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

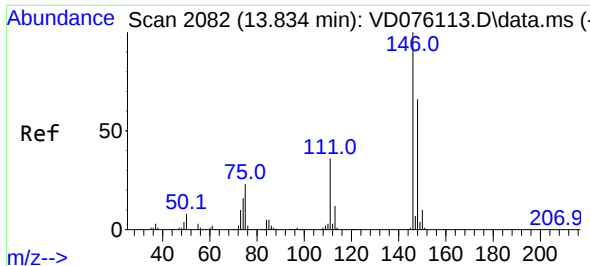
Tgt Ion: 91 Resp: 496091
Ion Ratio Lower Upper
91 100
92 52.3 26.2 78.5
134 26.8 12.7 38.0



#90
Hexachloroethane
Concen: 50.206 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.000 min
Lab File: VD076131.D
Acq: 18 May 2023 09:56

Tgt Ion: 117 Resp: 99870
Ion Ratio Lower Upper
117 100
201 70.9 34.5 103.6





#91

1,2-Dichlorobenzene

Concen: 50.605 ug/l

RT: 13.833 min Scan# 2082

Delta R.T. -0.001 min

Lab File: VD076131.D

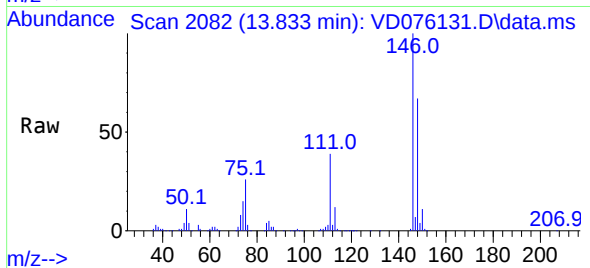
Acq: 18 May 2023 09:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050



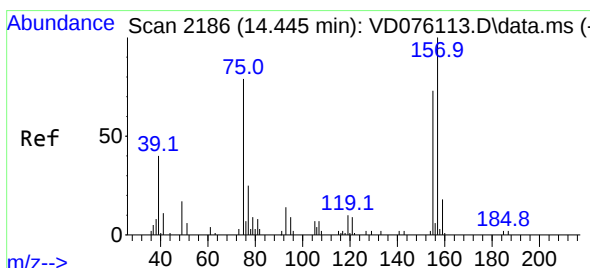
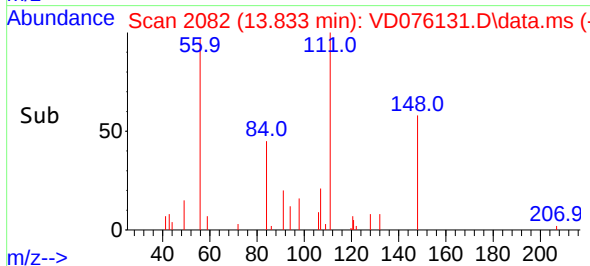
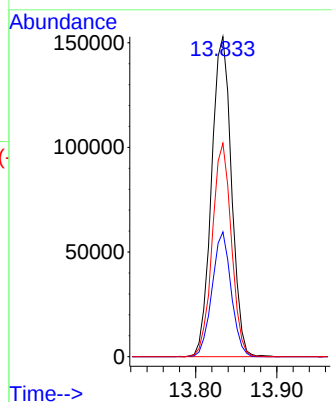
Tgt Ion:146 Resp: 260509

Ion Ratio Lower Upper

146 100

111 37.3 20.6 61.8

148 64.0 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 44.787 ug/l

RT: 14.451 min Scan# 2187

Delta R.T. 0.000 min

Lab File: VD076131.D

Acq: 18 May 2023 09:56

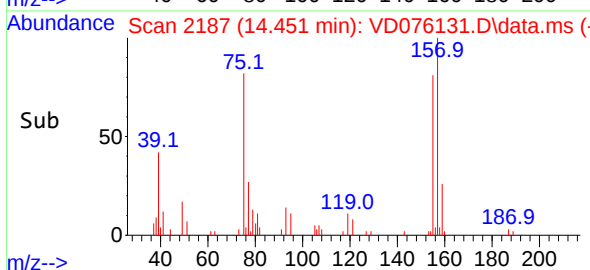
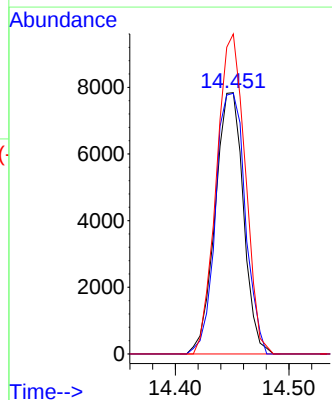
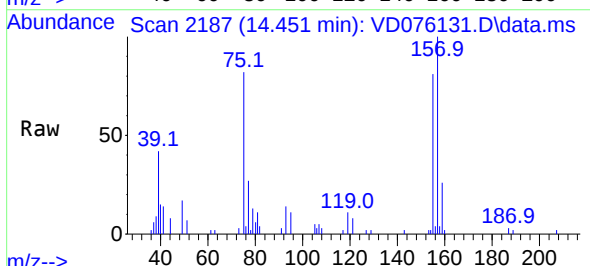
Tgt Ion: 75 Resp: 13529

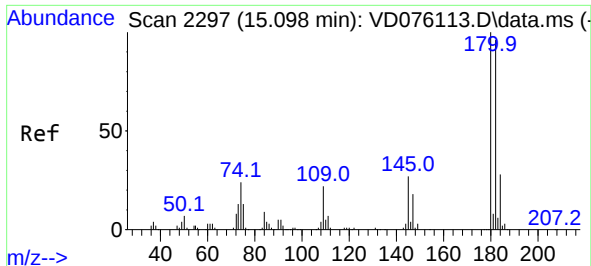
Ion Ratio Lower Upper

75 100

155 104.6 39.5 118.5

157 124.1 53.5 160.7

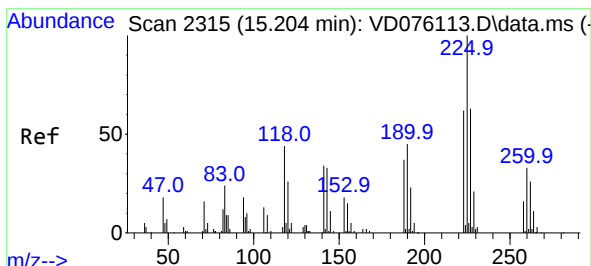
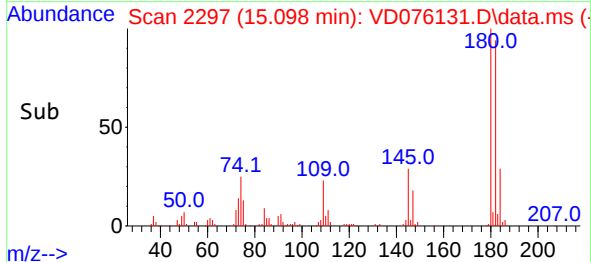
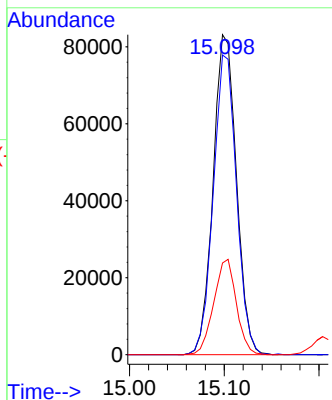
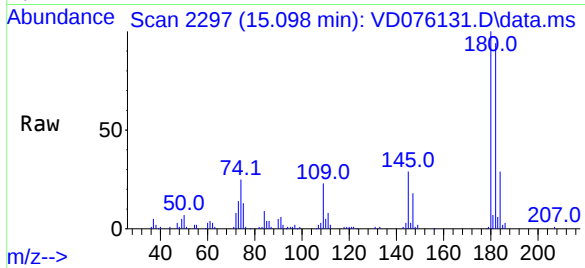




#93
1,2,4-Trichlorobenzene
Concen: 47.473 ug/l
RT: 15.098 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD076131.D
Acq: 18 May 2023 09:56

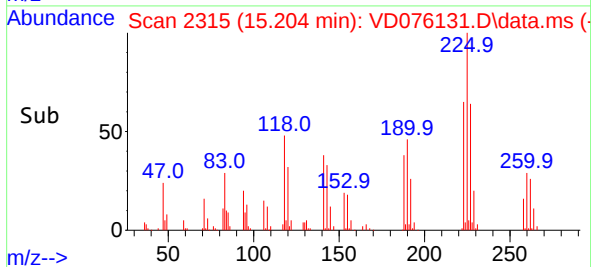
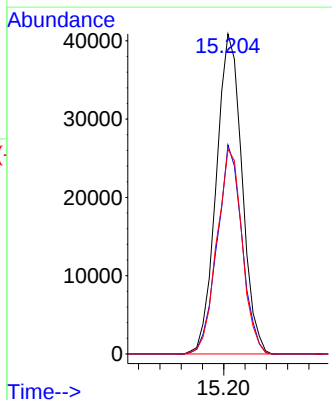
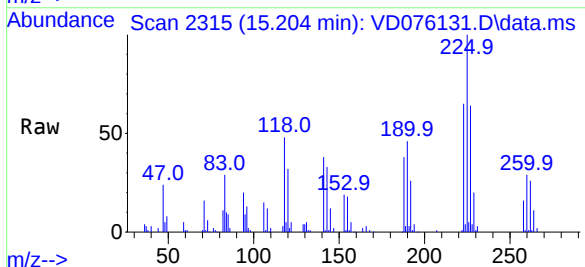
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

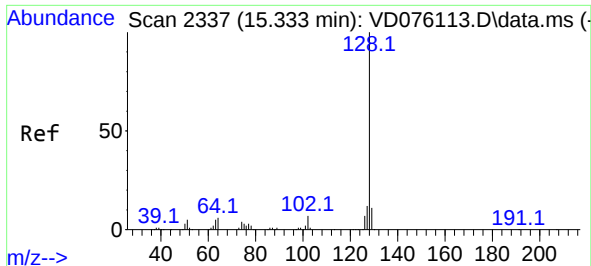
Tgt Ion:180 Resp: 142154
Ion Ratio Lower Upper
180 100
182 93.5 47.9 143.7
145 29.0 15.9 47.7



#94
Hexachlorobutadiene
Concen: 44.903 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. -0.000 min
Lab File: VD076131.D
Acq: 18 May 2023 09:56

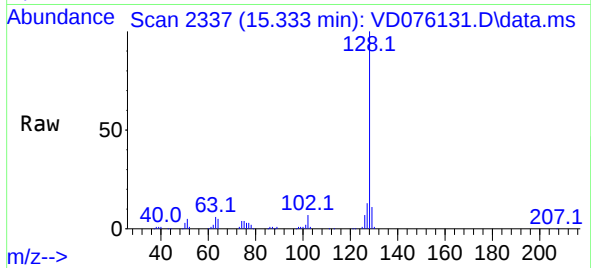
Tgt Ion:225 Resp: 68556
Ion Ratio Lower Upper
225 100
223 62.9 33.1 99.2
227 62.7 31.9 95.9



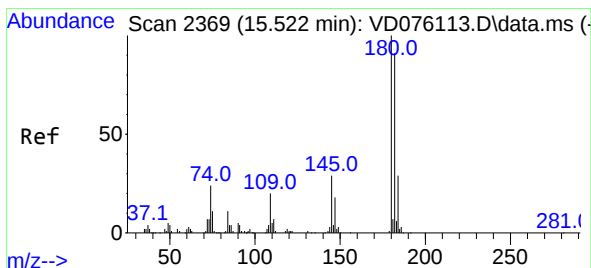
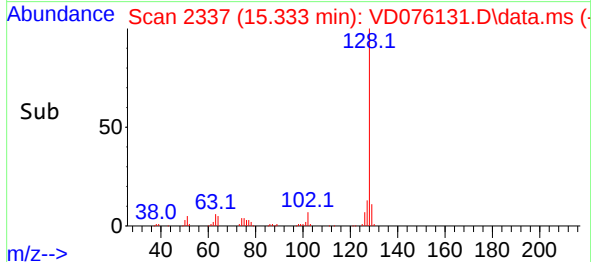
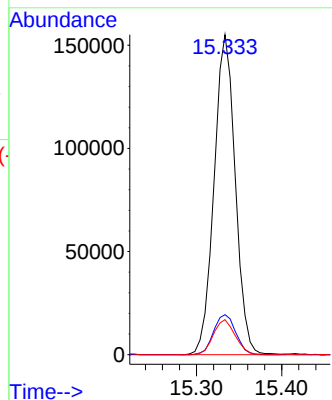


#95
Naphthalene
Concen: 48.180 ug/l
RT: 15.333 min Scan# 2337
Delta R.T. -0.001 min
Lab File: VD076131.D
Acq: 18 May 2023 09:56

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 268067
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 11.3 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 45.302 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.006 min
Lab File: VD076131.D
Acq: 18 May 2023 09:56

Tgt Ion:180 Resp: 123372
Ion Ratio Lower Upper
180 100
182 94.2 47.7 143.1
145 31.6 16.4 49.4

