

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052623\
 Data File : VD076250.D
 Acq On : 26 May 2023 10:11
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: May 26 16:04:22 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	196467	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	328489	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	307745	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	165766	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	83576	44.015	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.040%
35) Dibromofluoromethane	7.804	113	103173	45.439	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.880%
50) Toluene-d8	10.269	98	392945	44.394	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	88.780%
62) 4-Bromofluorobenzene	12.575	95	112250	45.653	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	91.300%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	71982	40.624	ug/l	92
3) Chloromethane	2.146	50	129289	43.886	ug/l	100
4) Vinyl Chloride	2.281	62	175345	45.885	ug/l	100
5) Bromomethane	2.687	94	123513	48.008	ug/l	99
6) Chloroethane	2.834	64	129896	50.525	ug/l	96
7) Trichlorofluoromethane	3.169	101	140243	43.298	ug/l	95
8) Diethyl Ether	3.593	74	49206	46.195	ug/l	74
9) 1,1,2-Trichlorotrifluo...	3.969	101	96418	45.192	ug/l	96
10) Methyl Iodide	4.163	142	121939	54.968	ug/l	90
11) Tert butyl alcohol	5.052	59	22178	220.801	ug/l #	100
12) 1,1-Dichloroethene	3.940	96	92580	43.600	ug/l	88
13) Acrolein	3.793	56	44911	182.693	ug/l	99
14) Allyl chloride	4.563	41	99140	46.004	ug/l #	80
15) Acrylonitrile	5.252	53	109093	247.356	ug/l	99
16) Acetone	4.016	43	107318	284.067	ug/l #	81
17) Carbon Disulfide	4.269	76	241138	41.481	ug/l	97
18) Methyl Acetate	4.558	43	64977	48.215	ug/l #	77
19) Methyl tert-butyl Ether	5.310	73	209593	50.430	ug/l	97
20) Methylene Chloride	4.793	84	135094	43.938	ug/l #	78
21) trans-1,2-Dichloroethene	5.316	96	110002	44.949	ug/l #	73
22) Diisopropyl ether	6.216	45	266618	53.301	ug/l #	90
23) Vinyl Acetate	6.152	43	604766	307.489	ug/l #	87
24) 1,1-Dichloroethane	6.110	63	191026	48.423	ug/l	98
25) 2-Butanone	7.081	43	126552	266.413	ug/l #	76
26) 2,2-Dichloropropane	7.075	77	155590	48.370	ug/l	91
27) cis-1,2-Dichloroethene	7.075	96	132606	48.829	ug/l	85
28) Bromochloromethane	7.416	49	62534	47.540	ug/l #	63
29) Tetrahydrofuran	7.440	42	70643	255.147	ug/l #	68
30) Chloroform	7.593	83	211916	50.233	ug/l	99
31) Cyclohexane	7.875	56	125982	43.322	ug/l #	81
32) 1,1,1-Trichloroethane	7.787	97	161316	47.983	ug/l	96
36) 1,1-Dichloropropene	8.004	75	141309	46.081	ug/l	93
37) Ethyl Acetate	7.169	43	45087	42.460	ug/l #	78
38) Carbon Tetrachloride	7.993	117	128032	46.223	ug/l	98
39) Methylcyclohexane	9.275	83	152540	43.206	ug/l	93
40) Benzene	8.252	78	460483	46.707	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	28022	48.127	ug/l #	70
42) 1,2-Dichloroethane	8.322	62	113285	48.580	ug/l	92
43) Isopropyl Acetate	8.357	43	91493	46.124	ug/l #	82
44) Trichloroethene	9.028	130	125381	45.126	ug/l	94
45) 1,2-Dichloropropane	9.304	63	117285	48.229	ug/l	95
46) Dibromomethane	9.393	93	63324	46.456	ug/l	92
47) Bromodichloromethane	9.587	83	159976	48.833	ug/l	94
48) Methyl methacrylate	9.375	41	43751	49.835	ug/l #	63
49) 1,4-Dioxane	9.387	88	13718	941.112	ug/l #	80
51) 4-Methyl-2-Pentanone	10.157	43	267103	253.182	ug/l #	80
52) Toluene	10.334	92	298739	48.516	ug/l	94
53) t-1,3-Dichloropropene	10.551	75	145776	49.372	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	177403	49.234	ug/l #	77
55) 1,1,2-Trichloroethane	10.734	97	96672	49.456	ug/l	90
56) Ethyl methacrylate	10.598	69	97891	49.823	ug/l #	70
57) 1,3-Dichloropropane	10.881	76	149993	48.910	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	233118	247.286	ug/l	92
59) 2-Hexanone	10.922	43	198741	267.124	ug/l	77
60) Dibromochloromethane	11.075	129	109537	49.837	ug/l	97
61) 1,2-Dibromoethane	11.181	107	84227	48.439	ug/l	97
64) Tetrachloroethene	10.810	164	99077	41.867	ug/l	95
65) Chlorobenzene	11.604	112	326436	46.593	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	116396	48.276	ug/l	95
67) Ethyl Benzene	11.687	91	546153	48.785	ug/l	96
68) m/p-Xylenes	11.793	106	456627	99.800	ug/l	90
69) o-Xylene	12.122	106	206233	49.398	ug/l	93
70) Styrene	12.134	104	375316	51.851	ug/l	94
71) Bromoform	12.298	173	62215	45.875	ug/l #	99
73) Isopropylbenzene	12.422	105	515238	46.987	ug/l	97
74) N-amyl acetate	12.234	43	86946	44.515	ug/l #	77
75) 1,1,2,2-Tetrachloroethane	12.675	83	105275	44.669	ug/l	97
76) 1,2,3-Trichloropropane	12.728	75	120852	83.312	ug/l #	100
77) Bromobenzene	12.704	156	136712	46.515	ug/l	88
78) n-propylbenzene	12.763	91	640698	46.941	ug/l	97
79) 2-Chlorotoluene	12.851	91	348008	46.069	ug/l	92
80) 1,3,5-Trimethylbenzene	12.904	105	435007	47.853	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.469	75	31358	45.350	ug/l #	74
82) 4-Chlorotoluene	12.951	91	368308	45.837	ug/l	93
83) tert-Butylbenzene	13.169	119	362419	47.175	ug/l	94
84) 1,2,4-Trimethylbenzene	13.210	105	438303	48.415	ug/l	93
85) sec-Butylbenzene	13.345	105	566947	47.353	ug/l	97
86) p-Isopropyltoluene	13.463	119	468587	47.831	ug/l	94
87) 1,3-Dichlorobenzene	13.457	146	278245	46.823	ug/l	96
88) 1,4-Dichlorobenzene	13.539	146	273069	46.408	ug/l	97
89) n-Butylbenzene	13.792	91	429962	46.572	ug/l	99
90) Hexachloroethane	14.051	117	91458	45.385	ug/l	96
91) 1,2-Dichlorobenzene	13.834	146	242000	46.405	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	13290	43.430	ug/l	80
93) 1,2,4-Trichlorobenzene	15.098	180	133142	43.891	ug/l	96
94) Hexachlorobutadiene	15.204	225	62160	40.190	ug/l	99
95) Naphthalene	15.333	128	254588	45.169	ug/l	100
96) 1,2,3-Trichlorobenzene	15.522	180	118511	42.957	ug/l	98

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Quant Title : SW846 8260
QLast Update : Tue May 16 10:08:53 2023
Response via : Initial Calibration

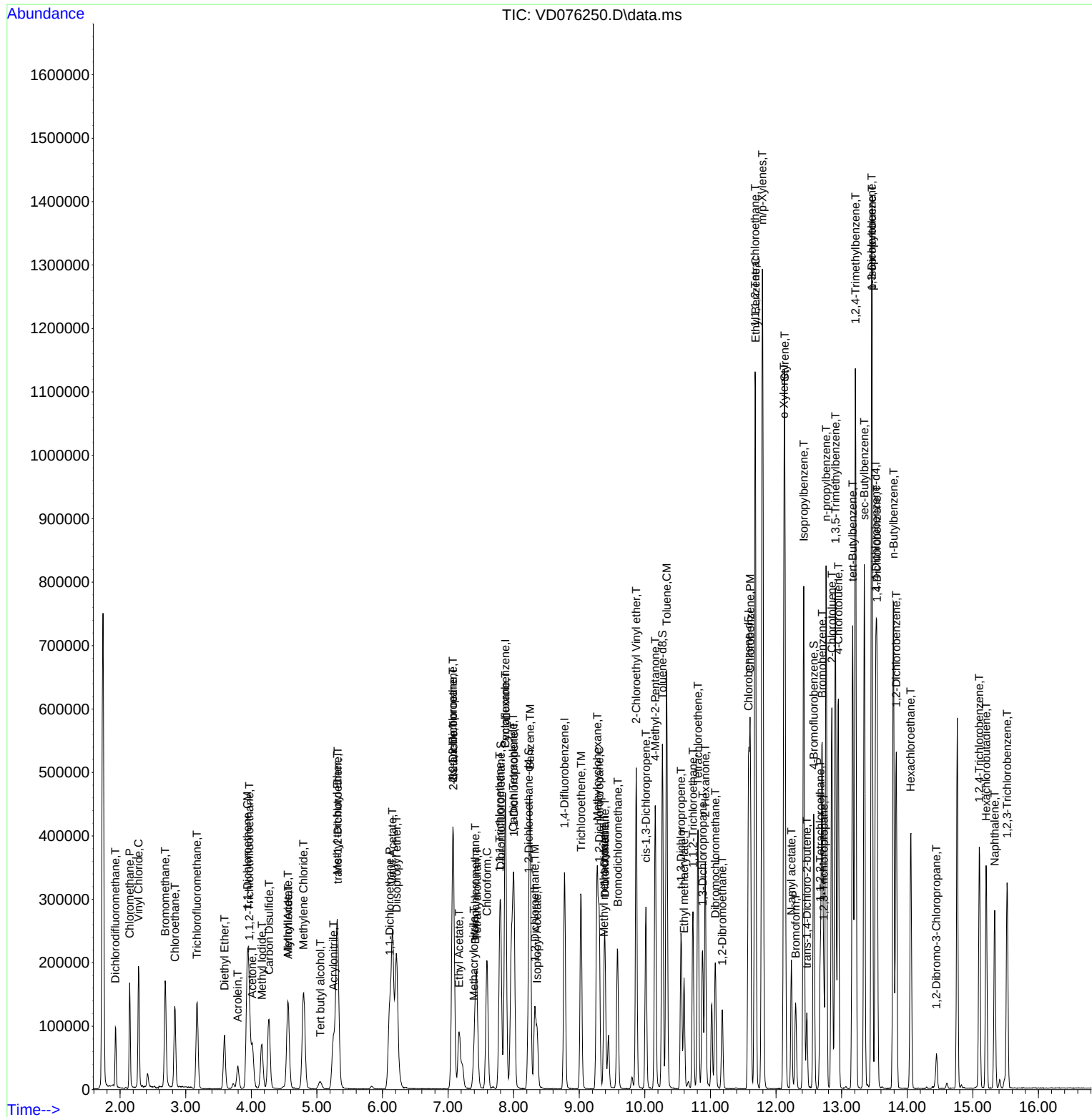
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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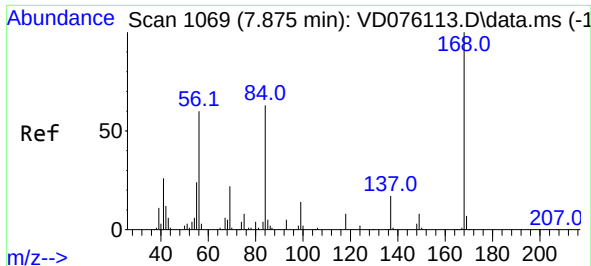
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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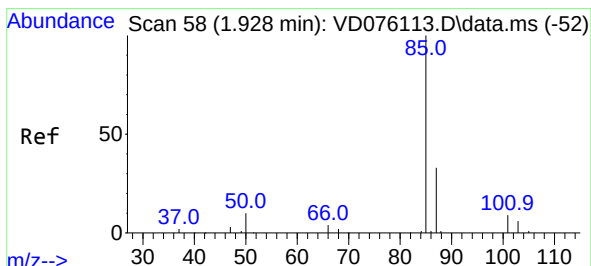
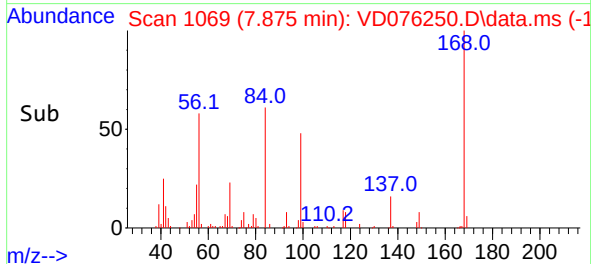
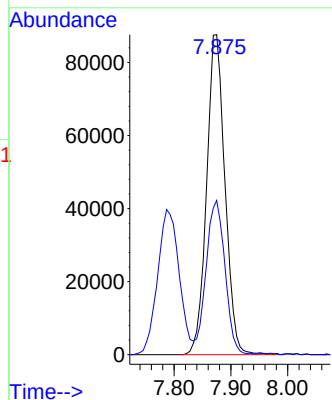
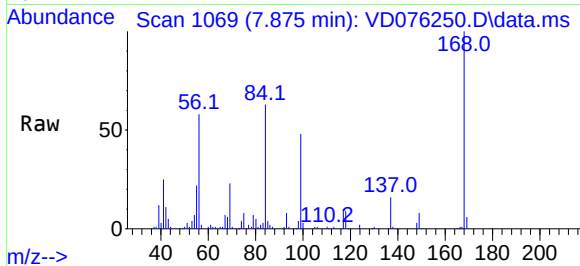




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076250.D
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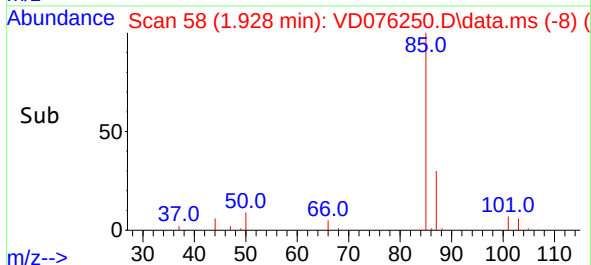
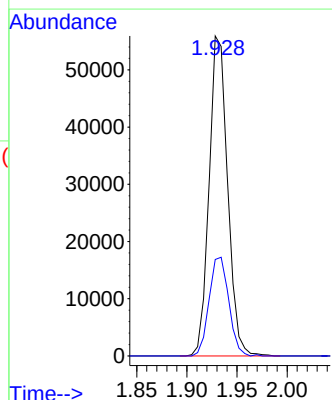
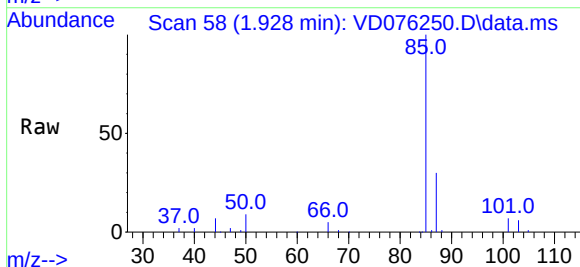
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 196467
Ion Ratio Lower Upper
168 100
99 48.2 43.8 65.6

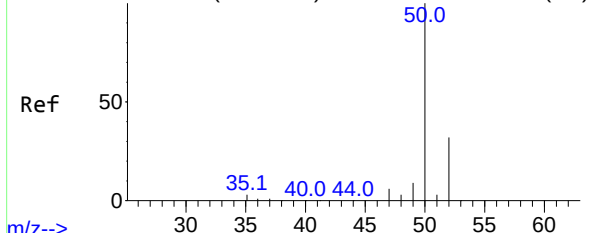


#2
Dichlorodifluoromethane
Concen: 40.624 ug/l
RT: 1.928 min Scan# 58
Delta R.T. -0.006 min
Lab File: VD076250.D
Acq: 26 May 2023 10:11

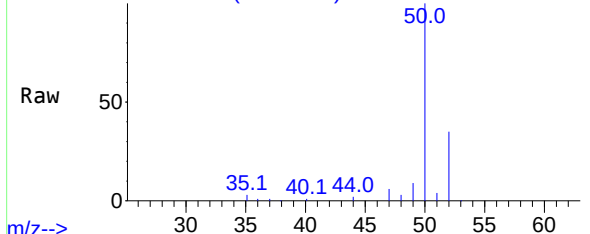
Tgt Ion: 85 Resp: 71982
Ion Ratio Lower Upper
85 100
87 30.1 17.3 51.7



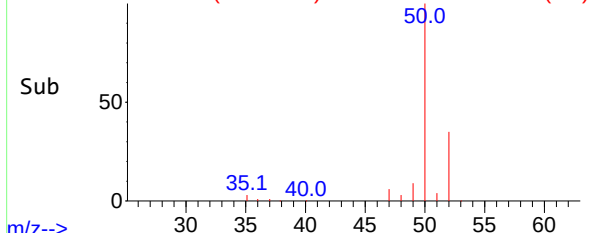
Abundance Scan 95 (2.146 min): VD076113.D\data.ms (-88)



Abundance Scan 95 (2.146 min): VD076250.D\data.ms



Abundance Scan 95 (2.146 min): VD076250.D\data.ms (-44)



#3

Chloromethane

Concen: 43.886 ug/l

RT: 2.146 min Scan# 95

Delta R.T. -0.000 min

Lab File: VD076250.D

Acq: 26 May 2023 10:11

Instrument :

MSVOA_D

ClientSampleId :

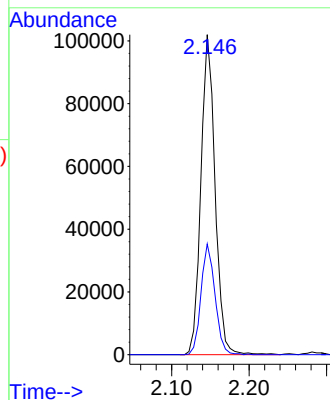
VSTDCCC050

Tgt Ion: 50 Resp: 129289

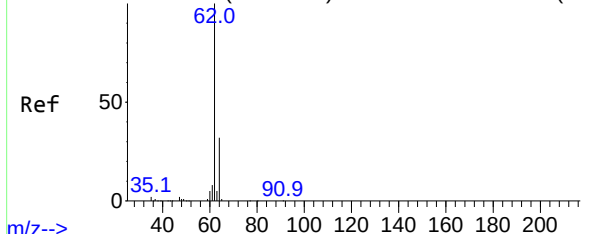
Ion Ratio Lower Upper

50 100

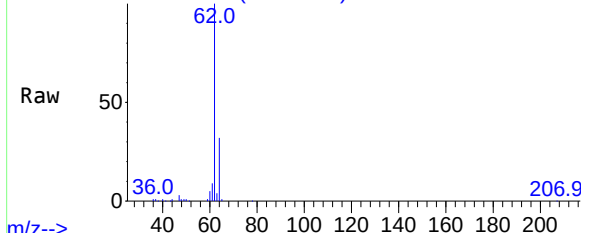
52 34.6 27.8 41.8



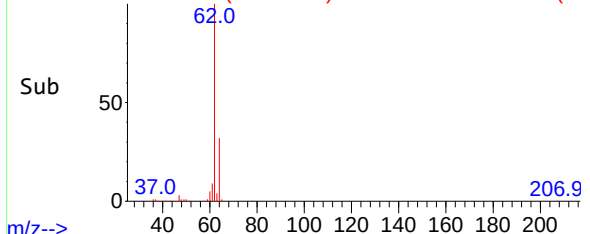
Abundance Scan 118 (2.281 min): VD076113.D\data.ms (-11)



Abundance Scan 118 (2.281 min): VD076250.D\data.ms



Abundance Scan 118 (2.281 min): VD076250.D\data.ms (-67)



#4

Vinyl Chloride

Concen: 45.885 ug/l

RT: 2.281 min Scan# 118

Delta R.T. 0.000 min

Lab File: VD076250.D

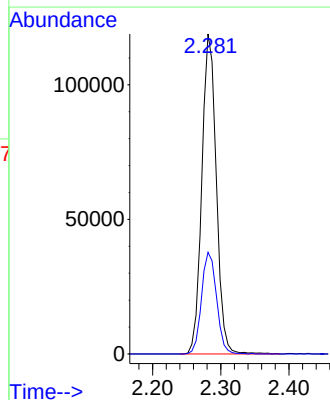
Acq: 26 May 2023 10:11

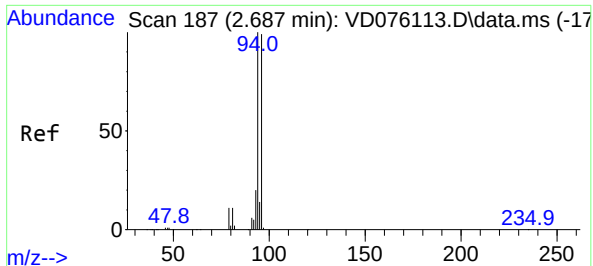
Tgt Ion: 62 Resp: 175345

Ion Ratio Lower Upper

62 100

64 31.8 25.4 38.0

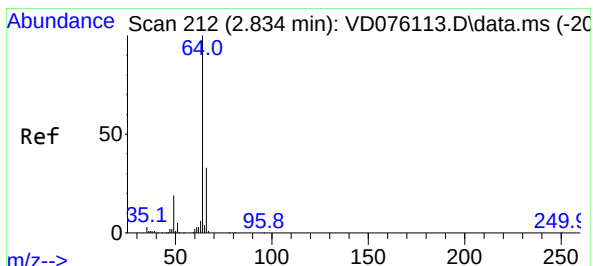
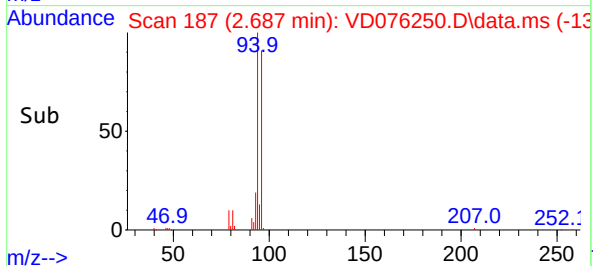
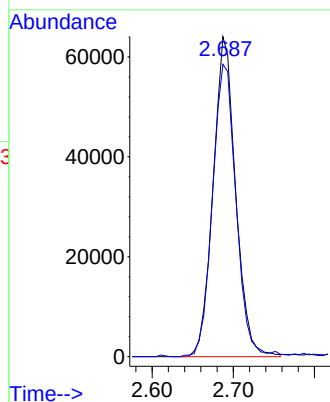
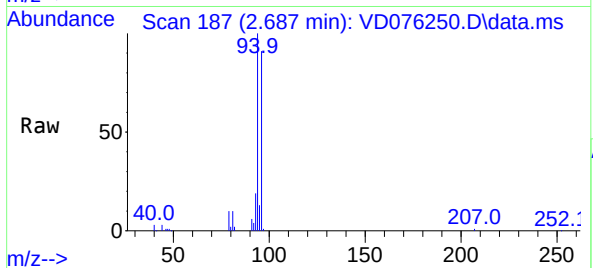




#5
Bromomethane
Concen: 48.008 ug/l
RT: 2.687 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076250.D
Acq: 26 May 2023 10:11

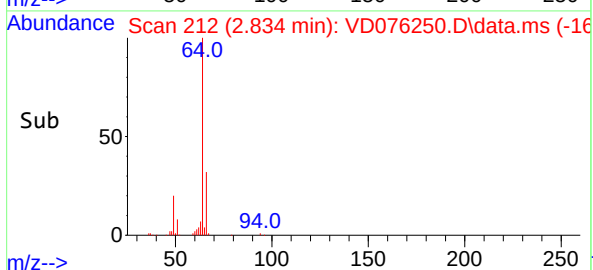
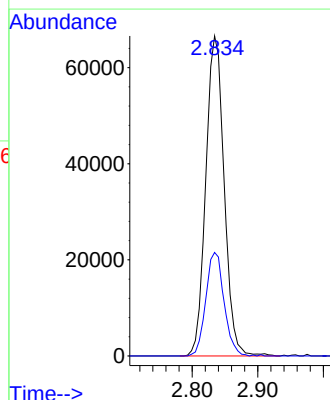
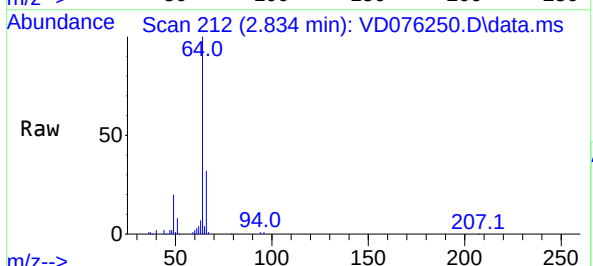
Instrument :
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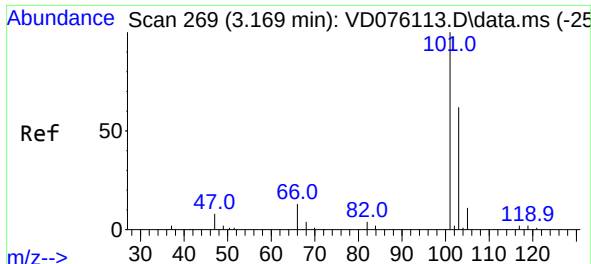
Tgt Ion: 94 Resp: 123513
Ion Ratio Lower Upper
94 100
96 95.7 77.5 116.3



#6
Chloroethane
Concen: 50.525 ug/l
RT: 2.834 min Scan# 212
Delta R.T. 0.000 min
Lab File: VD076250.D
Acq: 26 May 2023 10:11

Tgt Ion: 64 Resp: 129896
Ion Ratio Lower Upper
64 100
66 32.4 27.7 41.5

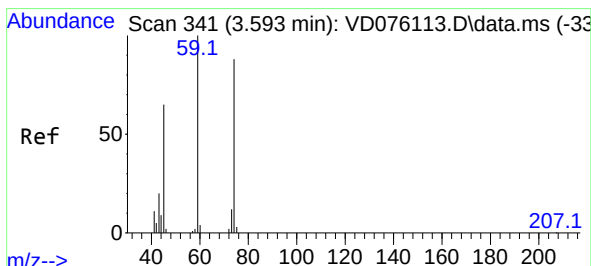
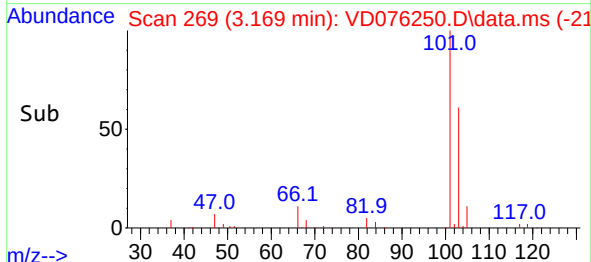
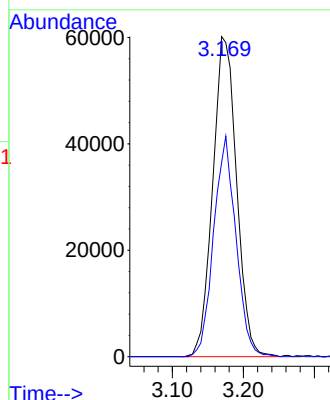
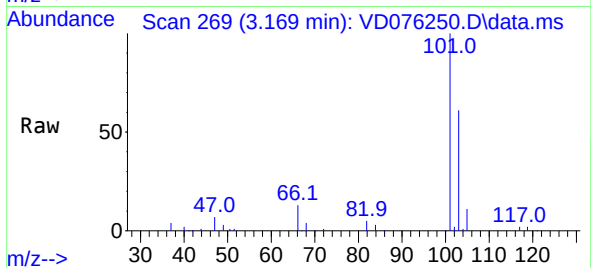




#7
Trichlorofluoromethane
Concen: 43.298 ug/l
RT: 3.169 min Scan# 20
Delta R.T. 0.000 min
Lab File: VD076250.D
Acq: 26 May 2023 10:11

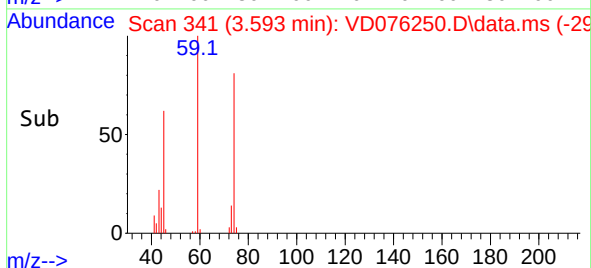
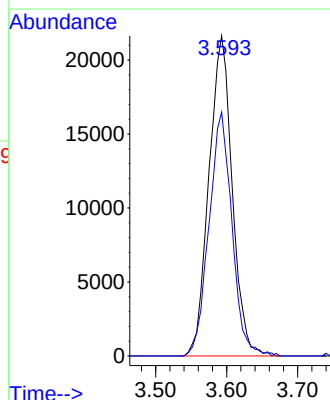
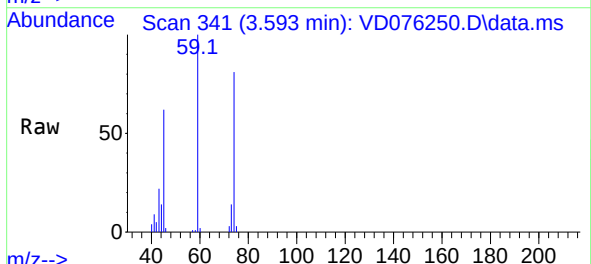
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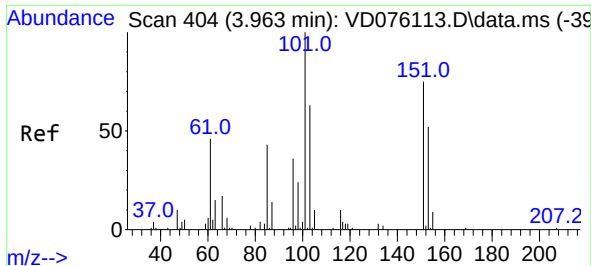
Tgt Ion:101 Resp: 140243
Ion Ratio Lower Upper
101 100
103 60.7 51.9 77.9



#8
Diethyl Ether
Concen: 46.195 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.000 min
Lab File: VD076250.D
Acq: 26 May 2023 10:11

Tgt Ion: 74 Resp: 49206
Ion Ratio Lower Upper
74 100
45 75.1 50.9 152.7

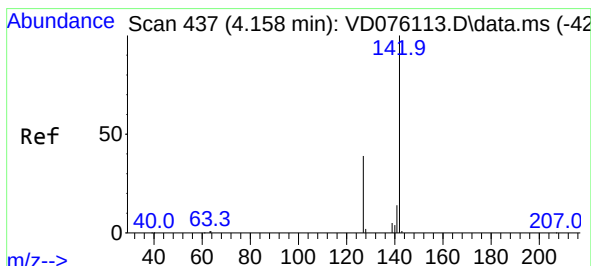
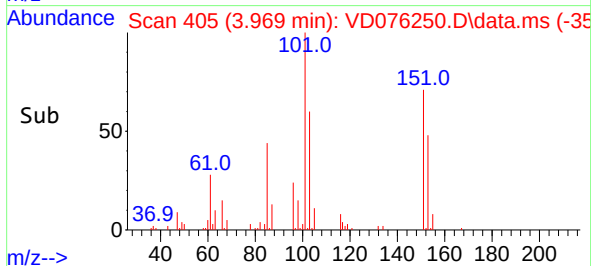
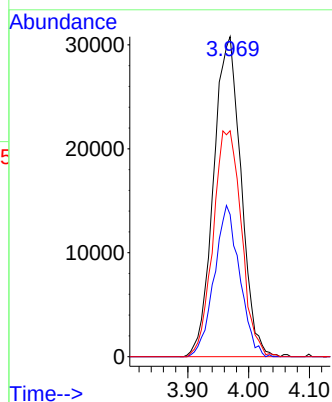
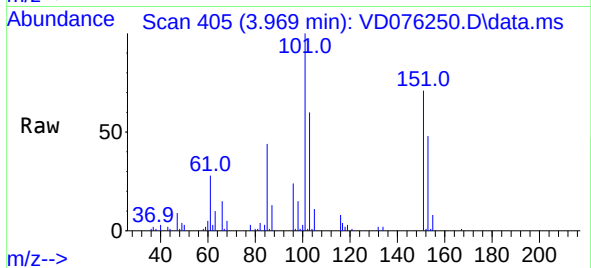




#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.192 ug/l
RT: 3.969 min Scan# 404
Delta R.T. 0.005 min
Lab File: VD076250.D
Acq: 26 May 2023 10:11

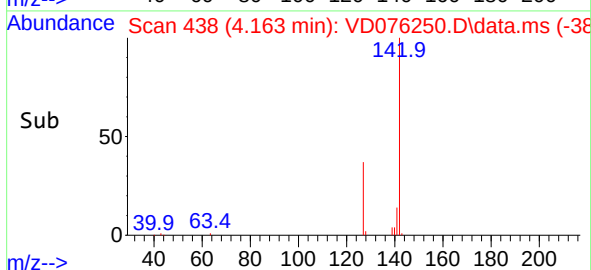
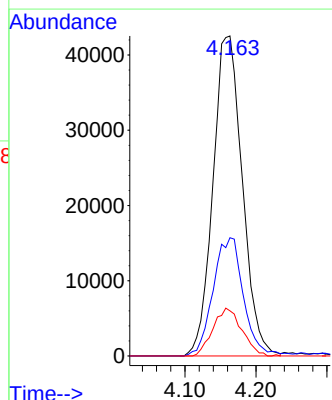
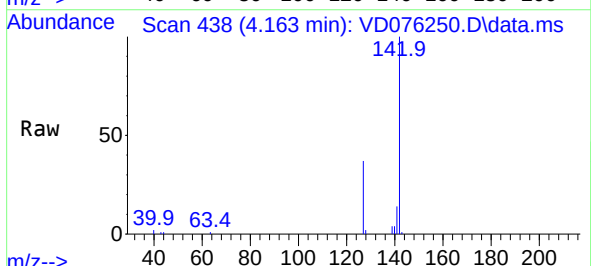
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

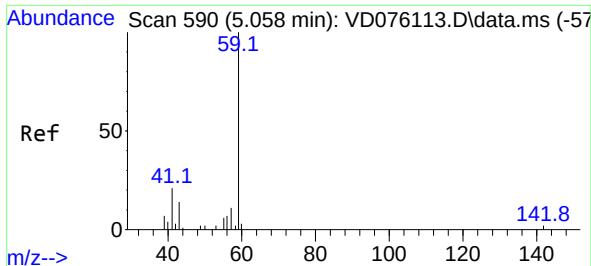
Tgt Ion:101 Resp: 96418
Ion Ratio Lower Upper
101 100
85 43.7 38.3 57.5
151 72.9 60.4 90.6



#10
Methyl Iodide
Concen: 54.968 ug/l
RT: 4.163 min Scan# 438
Delta R.T. -0.001 min
Lab File: VD076250.D
Acq: 26 May 2023 10:11

Tgt Ion:142 Resp: 121939
Ion Ratio Lower Upper
142 100
127 38.3 37.1 55.7
141 14.7 11.3 16.9

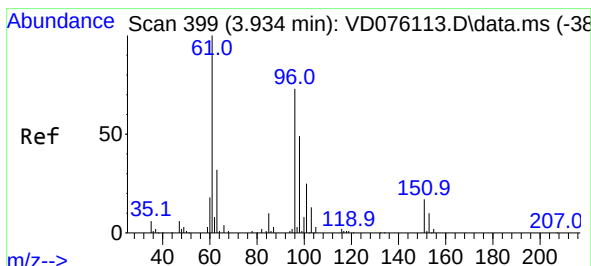
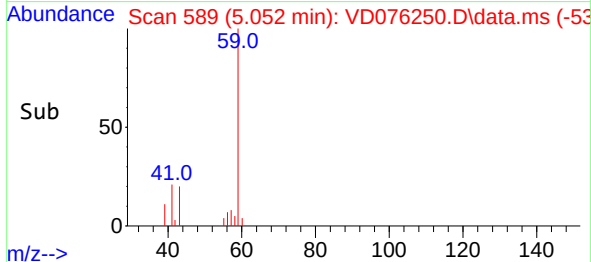
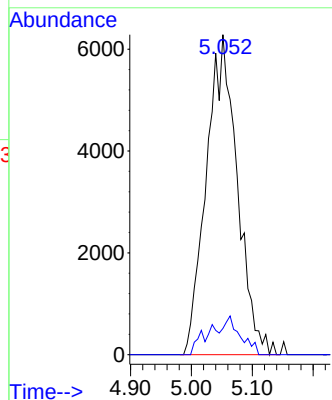
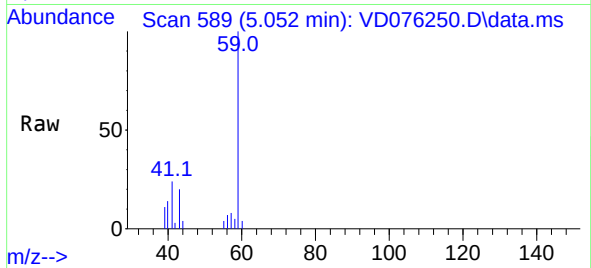




#11
Tert butyl alcohol
Concen: 220.801 ug/l
RT: 5.052 min Scan# 51
Delta R.T. -0.000 min
Lab File: VD076250.D
Acq: 26 May 2023 10:11

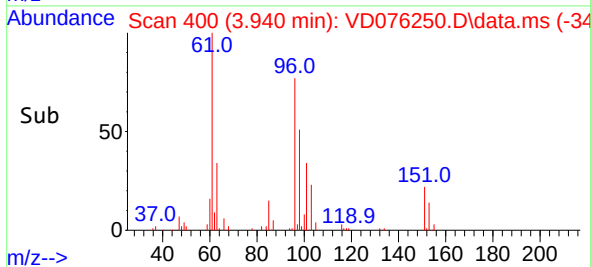
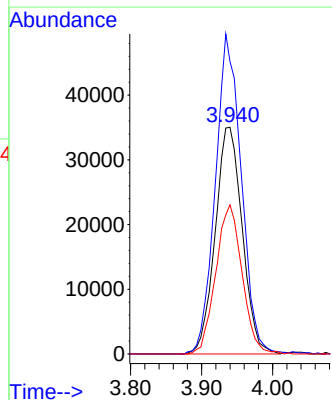
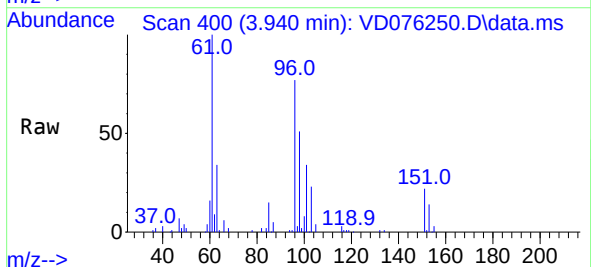
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

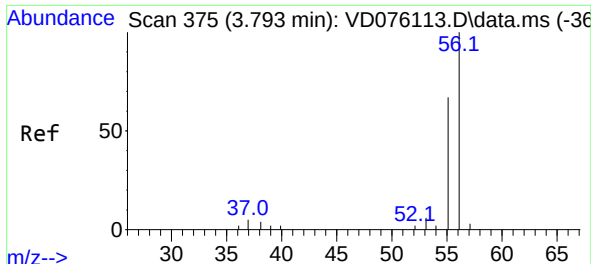
Tgt Ion: 59 Resp: 22178
Ion Ratio Lower Upper
59 100
57 6.6 0.0 0.0#



#12
1,1-Dichloroethene
Concen: 43.600 ug/l
RT: 3.940 min Scan# 400
Delta R.T. -0.000 min
Lab File: VD076250.D
Acq: 26 May 2023 10:11

Tgt Ion: 96 Resp: 92580
Ion Ratio Lower Upper
96 100
61 129.0 118.6 177.8
98 65.8 49.7 74.5

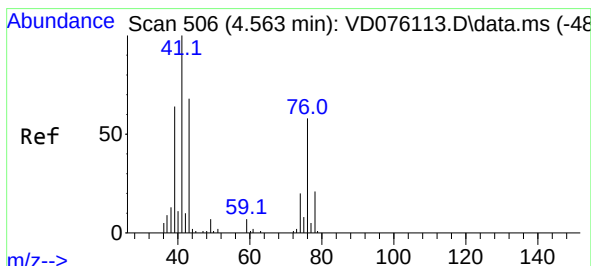
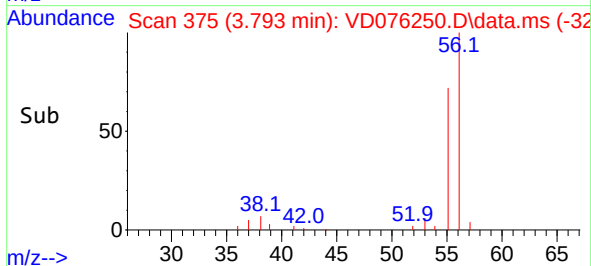
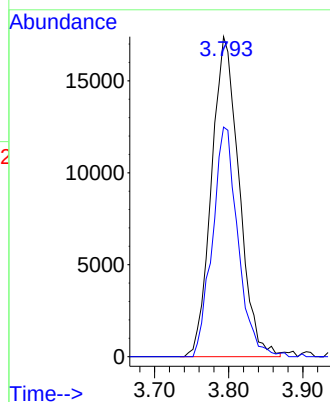
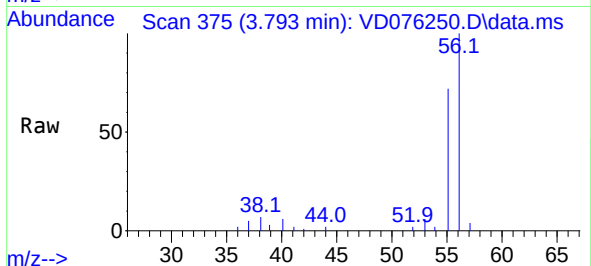




#13
Acrolein
Concen: 182.693 ug/l
RT: 3.793 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD076250.D
Acq: 26 May 2023 10:11

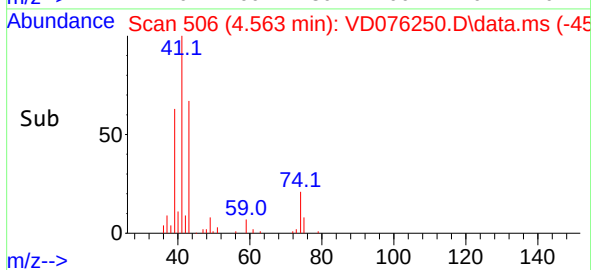
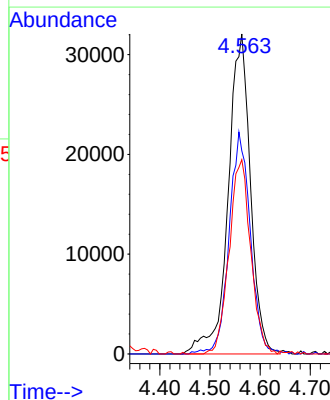
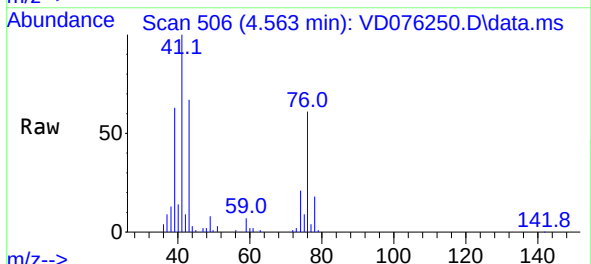
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

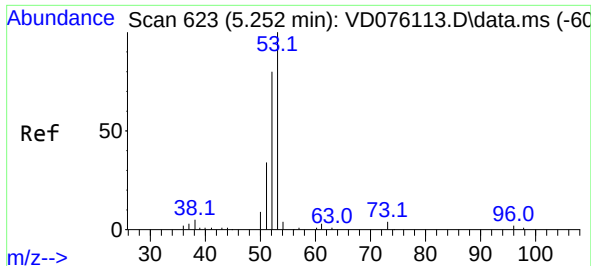
Tgt Ion: 56 Resp: 44911
Ion Ratio Lower Upper
56 100
55 66.5 53.9 80.9



#14
Allyl chloride
Concen: 46.004 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD076250.D
Acq: 26 May 2023 10:11

Tgt Ion: 41 Resp: 99140
Ion Ratio Lower Upper
41 100
39 66.2 60.6 90.8
76 58.6 28.6 43.0#



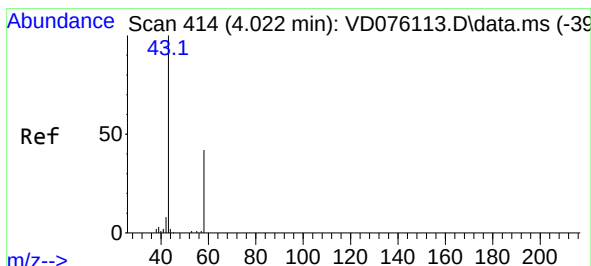
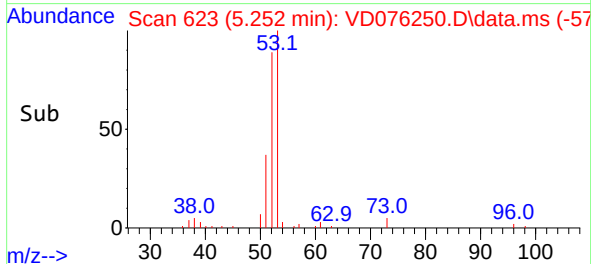
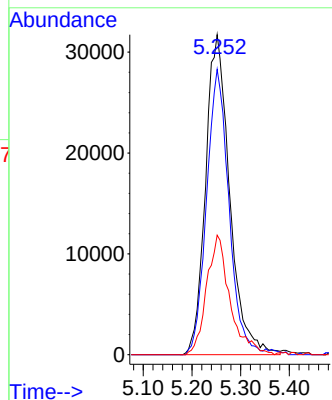
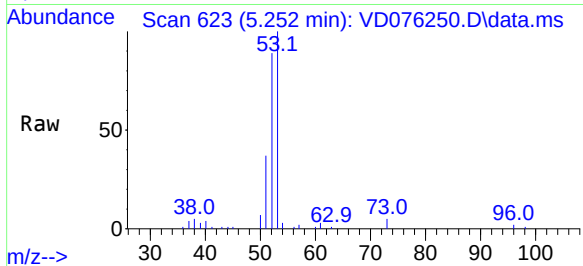


#15
Acrylonitrile
Concen: 247.356 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD076250.D
Acq: 26 May 2023 10:11

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 53 Resp: 109093

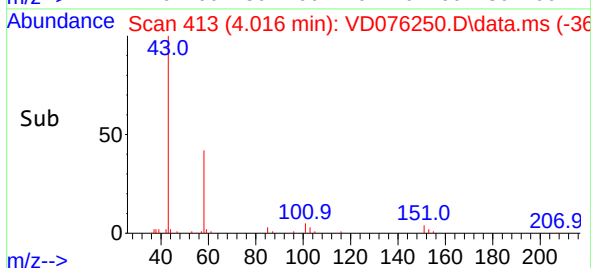
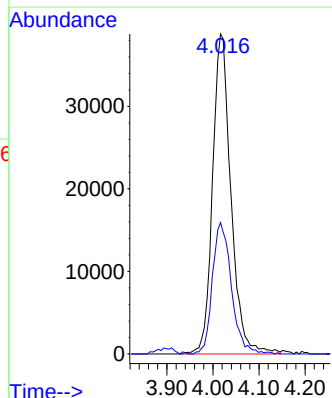
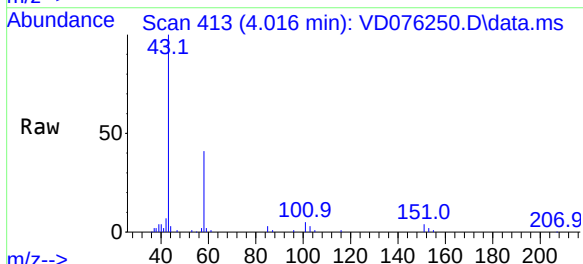
Ion	Ratio	Lower	Upper
53	100		
52	82.5	66.2	99.4
51	36.1	30.7	46.1

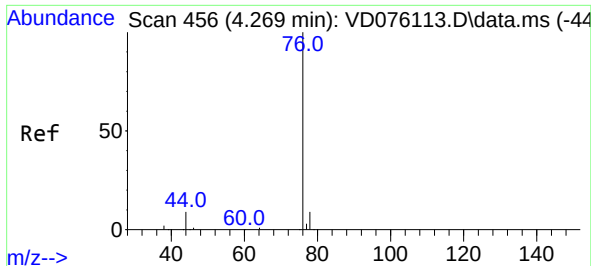


#16
Acetone
Concen: 284.067 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD076250.D
Acq: 26 May 2023 10:11

Tgt Ion: 43 Resp: 107318

Ion	Ratio	Lower	Upper
43	100		
58	41.1	24.4	36.6

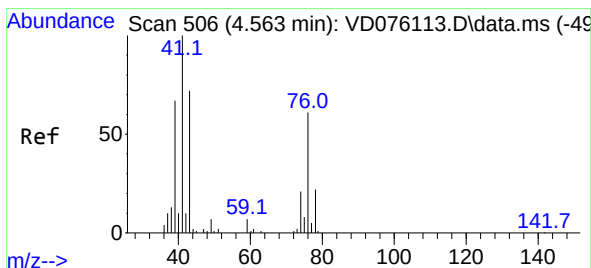
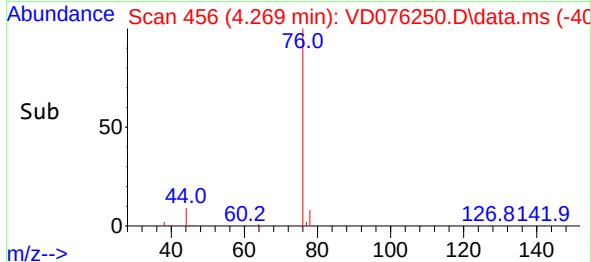
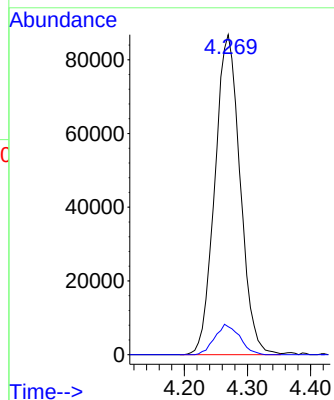
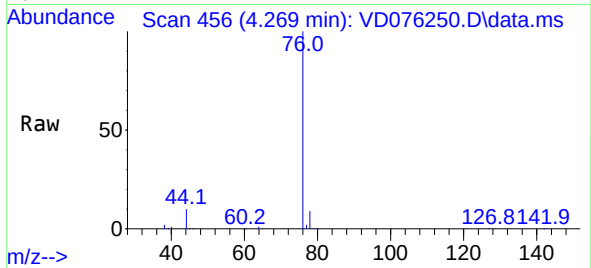




#17
Carbon Disulfide
Concen: 41.481 ug/l
RT: 4.269 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD076250.D
Acq: 26 May 2023 10:11

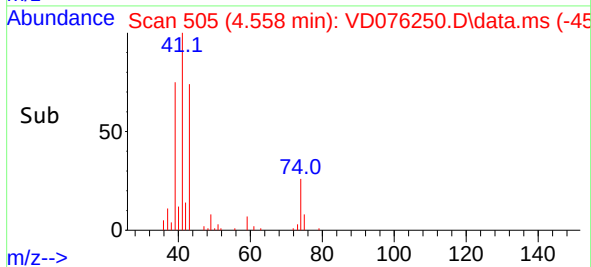
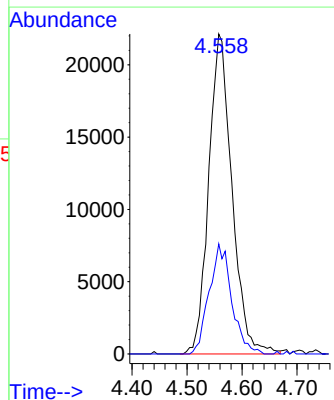
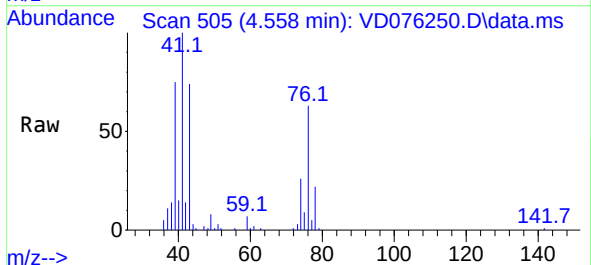
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

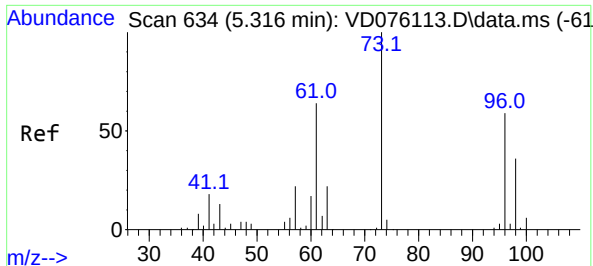
Tgt Ion: 76 Resp: 241138
Ion Ratio Lower Upper
76 100
78 8.7 8.0 12.0



#18
Methyl Acetate
Concen: 48.215 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.005 min
Lab File: VD076250.D
Acq: 26 May 2023 10:11

Tgt Ion: 43 Resp: 64977
Ion Ratio Lower Upper
43 100
74 33.4 17.8 26.6#





#19

Methyl tert-butyl Ether

Concen: 50.430 ug/l

RT: 5.310 min Scan# 61

Delta R.T. -0.012 min

Lab File: VD076250.D

Acq: 26 May 2023 10:11

Instrument :

MSVOA_D

ClientSampleId :

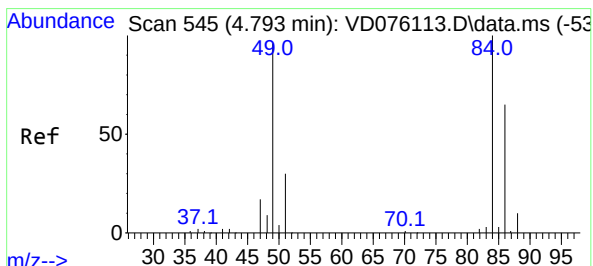
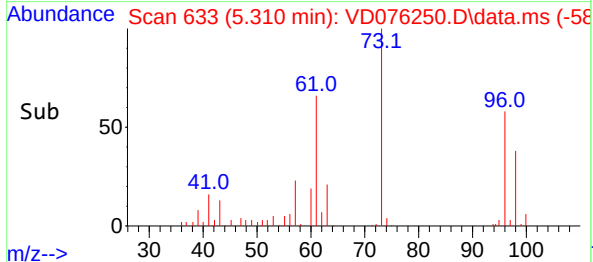
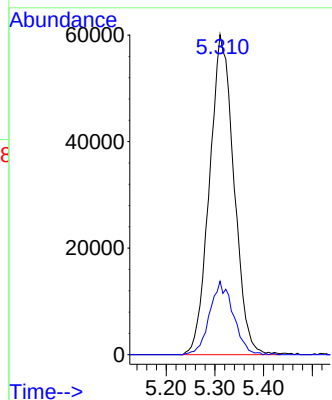
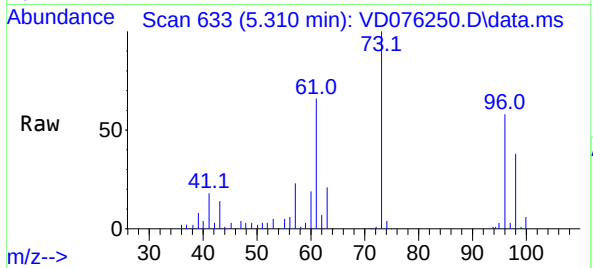
VSTDCCC050

Tgt Ion: 73 Resp: 209593

Ion Ratio Lower Upper

73 100

57 22.9 17.2 25.8



#20

Methylene Chloride

Concen: 43.938 ug/l

RT: 4.793 min Scan# 545

Delta R.T. -0.006 min

Lab File: VD076250.D

Acq: 26 May 2023 10:11

Tgt Ion: 84 Resp: 135094

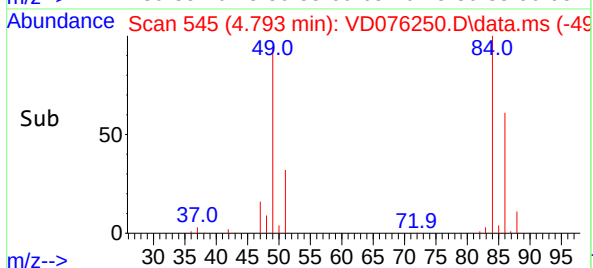
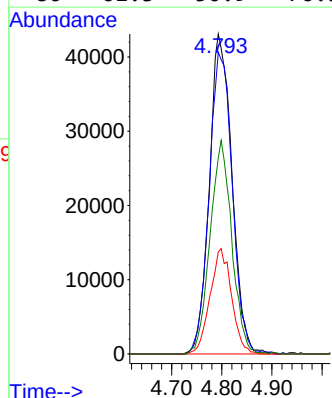
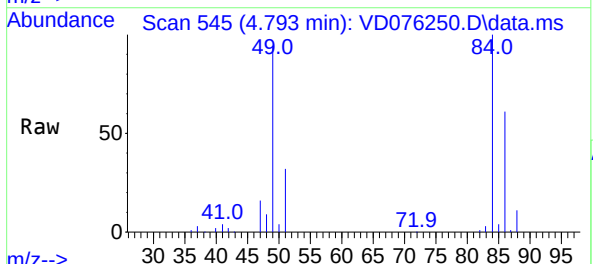
Ion Ratio Lower Upper

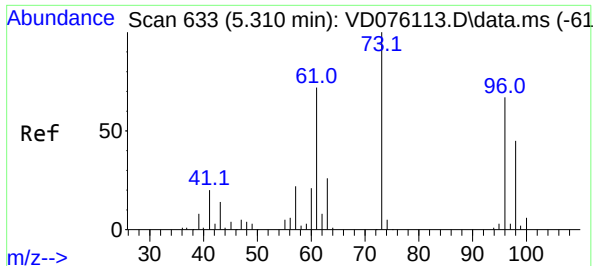
84 100

49 94.3 106.4 159.6#

51 31.8 32.4 48.6#

86 61.3 50.9 76.3

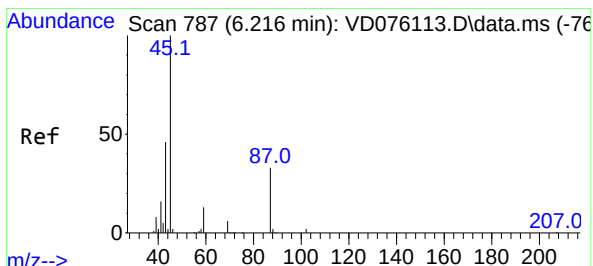
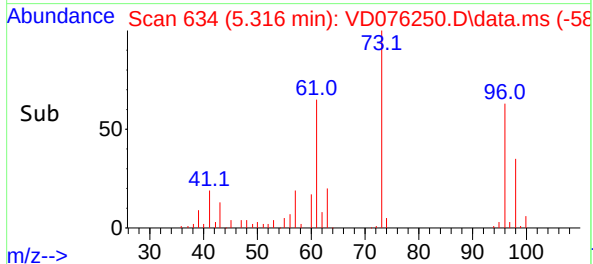
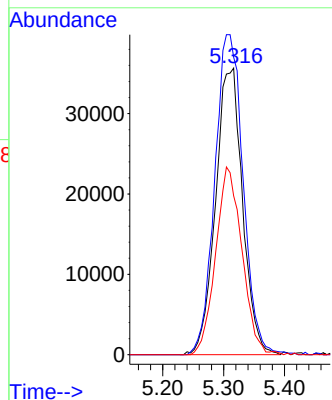
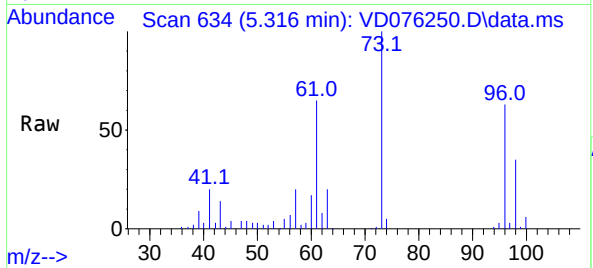




#21
trans-1,2-Dichloroethene
Concen: 44.949 ug/l
RT: 5.316 min Scan# 611
Delta R.T. 0.000 min
Lab File: VD076250.D
Acq: 26 May 2023 10:11

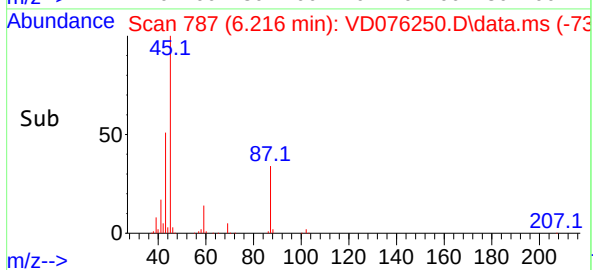
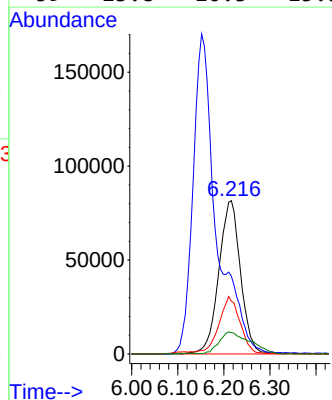
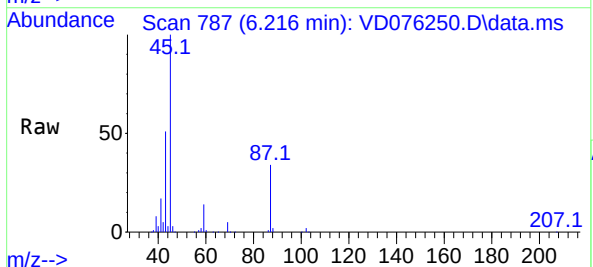
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

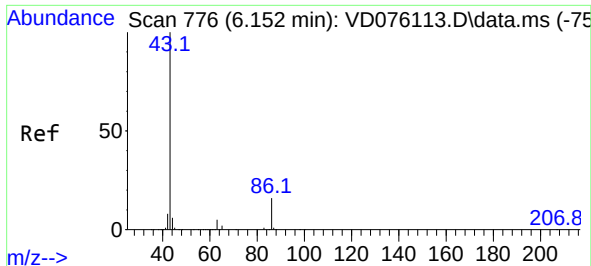
Tgt Ion: 96 Resp: 110002
Ion Ratio Lower Upper
96 100
61 103.8 117.2 175.8#
98 55.4 50.6 76.0



#22
Diisopropyl ether
Concen: 53.301 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD076250.D
Acq: 26 May 2023 10:11

Tgt Ion: 45 Resp: 266618
Ion Ratio Lower Upper
45 100
43 49.7 44.4 66.6
87 34.4 20.9 31.3#
59 13.8 10.3 15.5

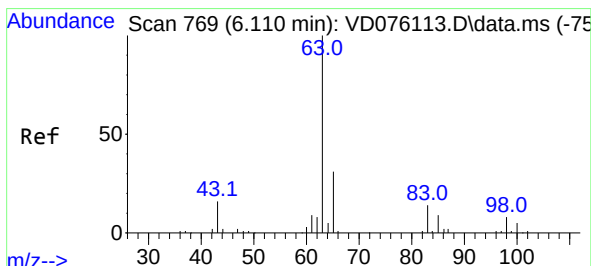
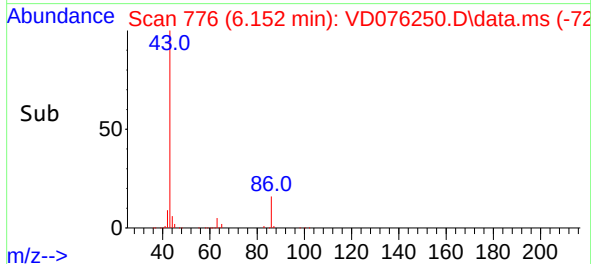
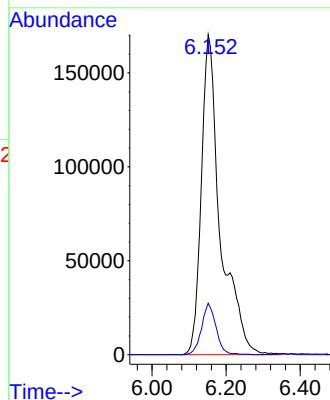
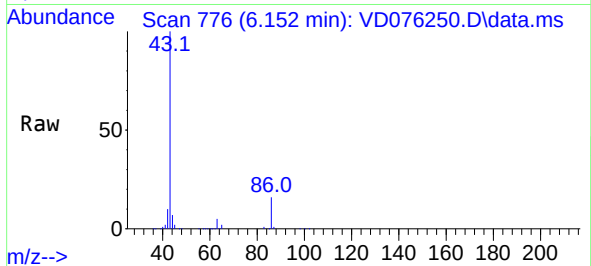




#23
 Vinyl Acetate
 Concen: 307.489 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. -0.000 min
 Lab File: VD076250.D
 Acq: 26 May 2023 10:11

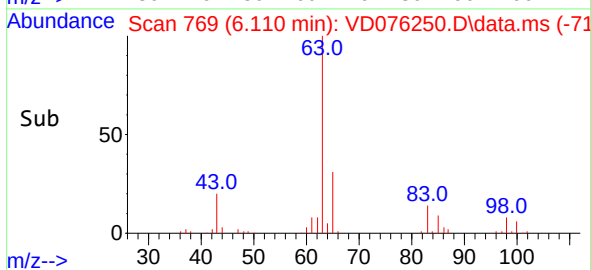
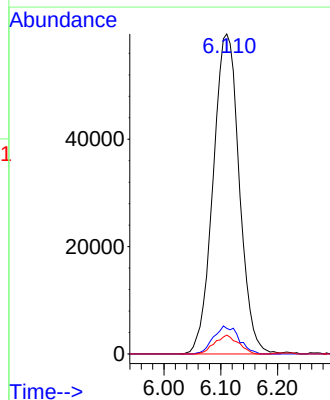
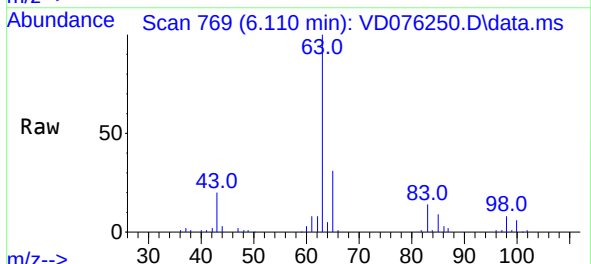
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

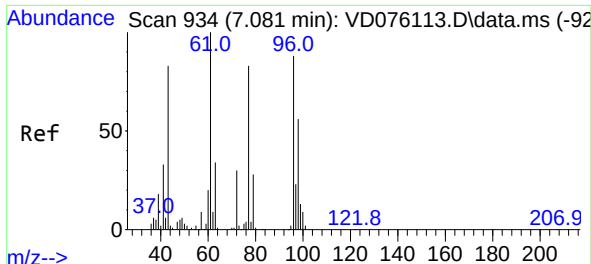
Tgt Ion: 43 Resp: 604766
 Ion Ratio Lower Upper
 43 100
 86 16.1 9.0 13.6#



#24
 1,1-Dichloroethane
 Concen: 48.423 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VD076250.D
 Acq: 26 May 2023 10:11

Tgt Ion: 63 Resp: 191026
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.9 11.7
 100 5.9 2.0 6.0

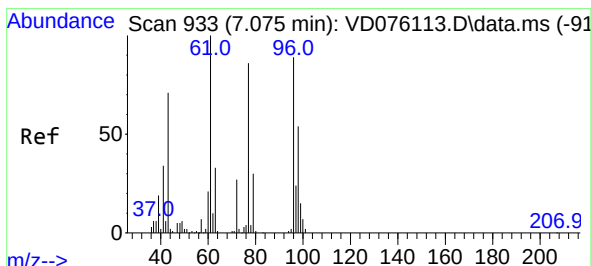
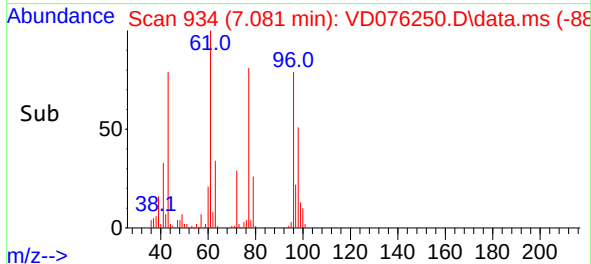
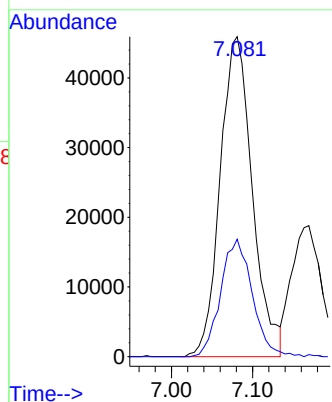
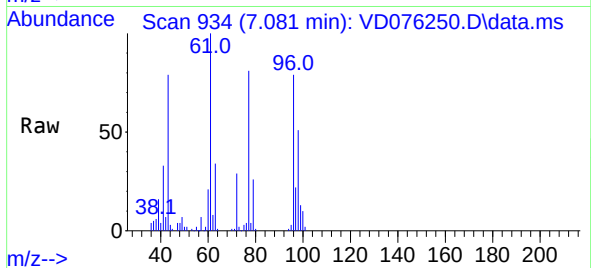




#25
2-Butanone
Concen: 266.413 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076250.D
Acq: 26 May 2023 10:11

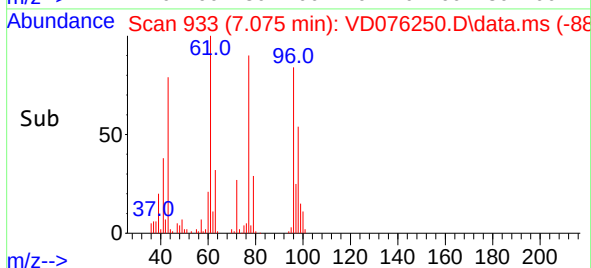
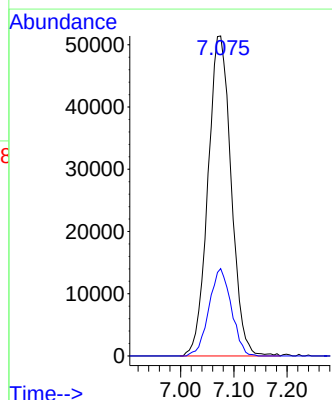
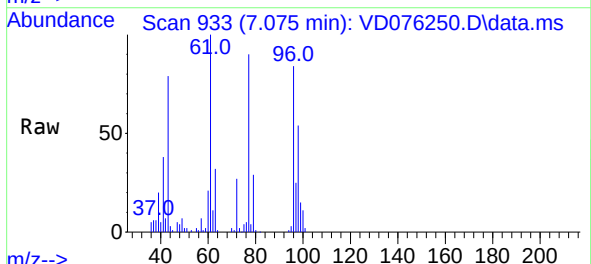
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

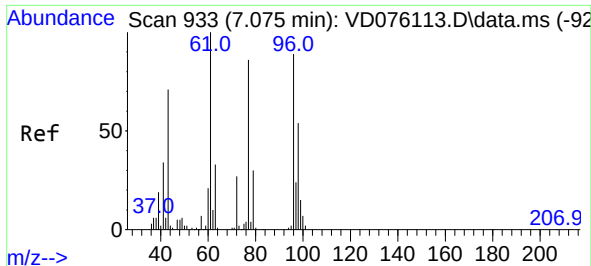
Tgt Ion: 43 Resp: 126552
Ion Ratio Lower Upper
43 100
72 36.7 19.8 29.8#



#26
2,2-Dichloropropane
Concen: 48.370 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD076250.D
Acq: 26 May 2023 10:11

Tgt Ion: 77 Resp: 155590
Ion Ratio Lower Upper
77 100
97 26.3 11.1 33.1



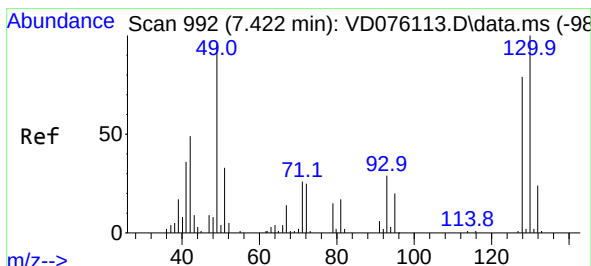
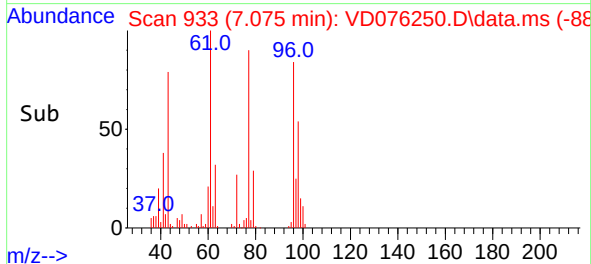
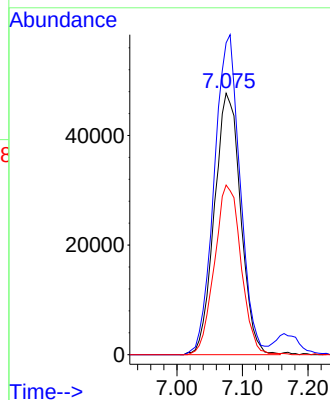
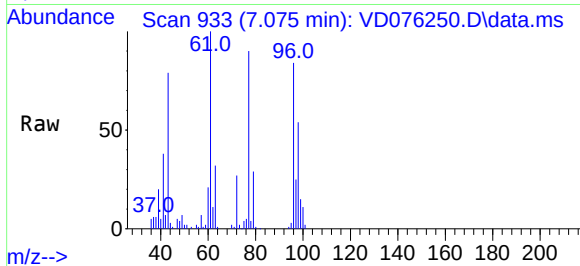


#27
 cis-1,2-Dichloroethene
 Concen: 48.829 ug/l
 RT: 7.075 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VD076250.D
 Acq: 26 May 2023 10:11

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 132606

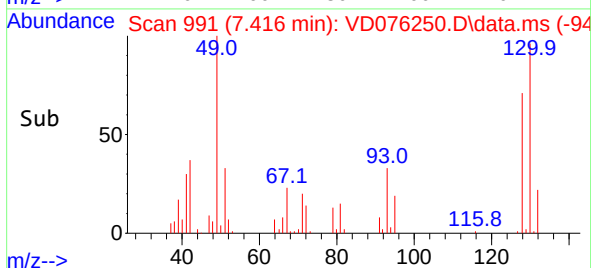
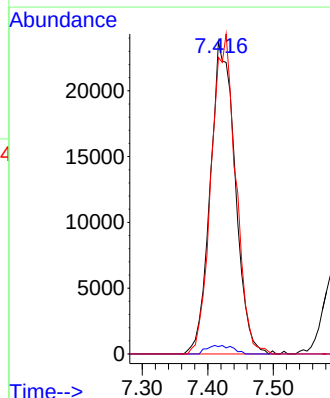
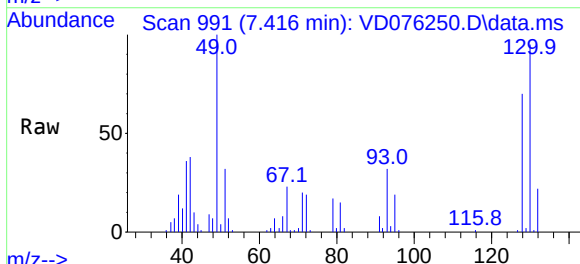
Ion	Ratio	Lower	Upper
96	100		
61	120.5	0.0	295.2
98	65.6	0.0	129.2

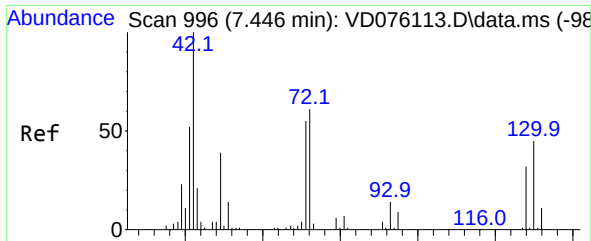


#28
 Bromochloromethane
 Concen: 47.540 ug/l
 RT: 7.416 min Scan# 991
 Delta R.T. -0.006 min
 Lab File: VD076250.D
 Acq: 26 May 2023 10:11

Tgt Ion: 49 Resp: 62534

Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	2.2#
130	100.4	56.0	84.0#





#29

Tetrahydrofuran

Concen: 255.147 ug/l

RT: 7.440 min Scan# 996

Delta R.T. -0.000 min

Lab File: VD076250.D

Acq: 26 May 2023 10:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

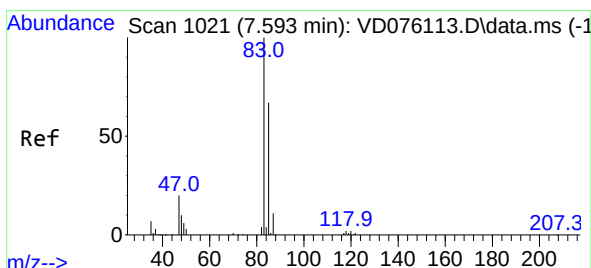
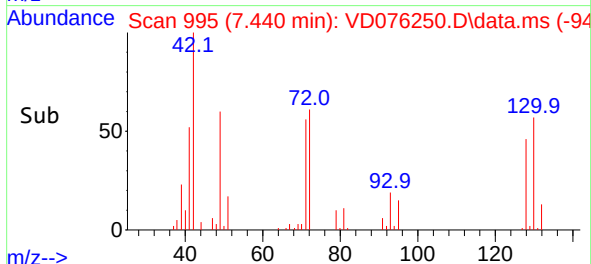
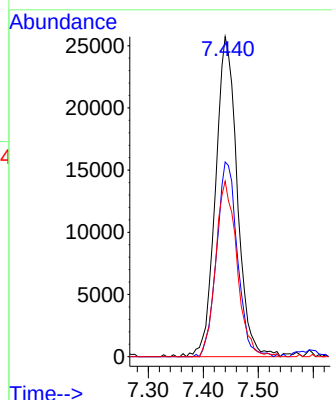
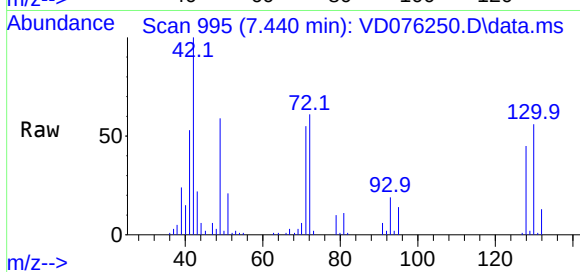
Tgt Ion: 42 Resp: 70643

Ion Ratio Lower Upper

42 100

72 58.3 31.8 47.6#

71 53.7 27.6 41.4#



#30

Chloroform

Concen: 50.233 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. -0.000 min

Lab File: VD076250.D

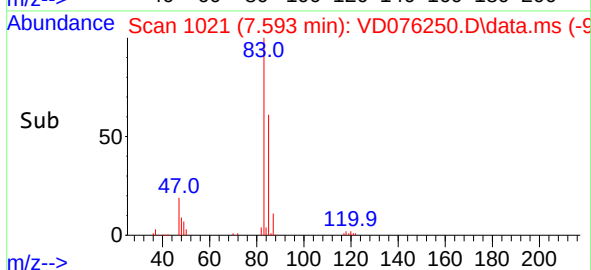
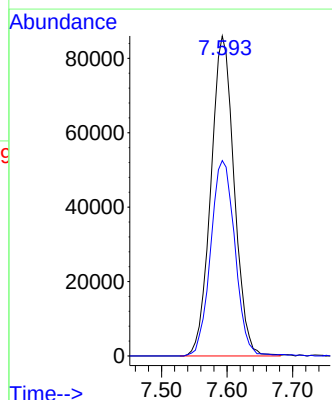
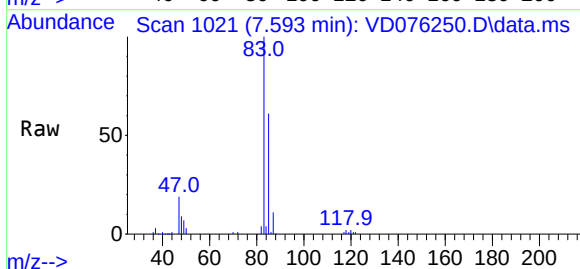
Acq: 26 May 2023 10:11

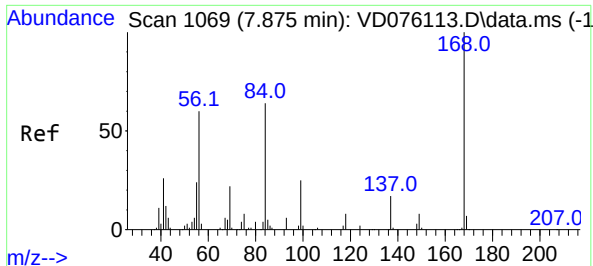
Tgt Ion: 83 Resp: 211916

Ion Ratio Lower Upper

83 100

85 61.1 49.4 74.2





#31

Cyclohexane

Concen: 43.322 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD076250.D

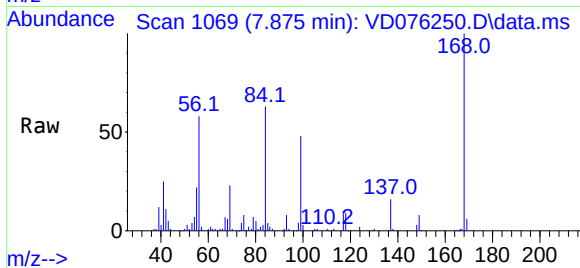
Acq: 26 May 2023 10:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050



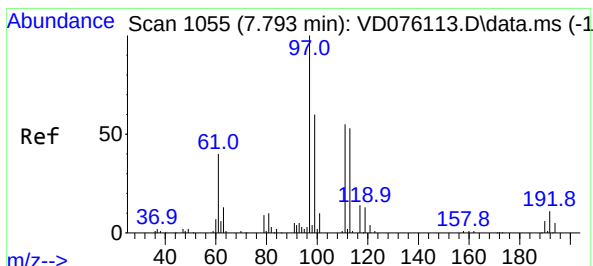
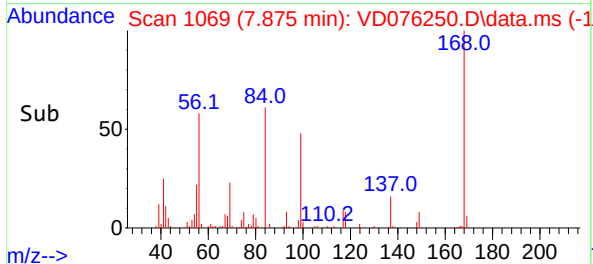
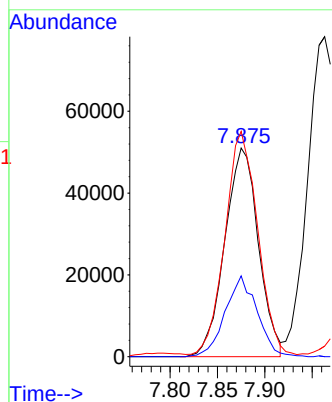
Tgt Ion: 56 Resp: 125982

Ion Ratio Lower Upper

56 100

69 38.8 25.5 38.3#

84 106.6 69.6 104.4#



#32

1,1,1-Trichloroethane

Concen: 47.983 ug/l

RT: 7.787 min Scan# 1054

Delta R.T. -0.006 min

Lab File: VD076250.D

Acq: 26 May 2023 10:11

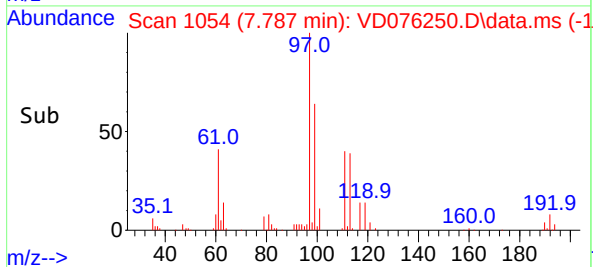
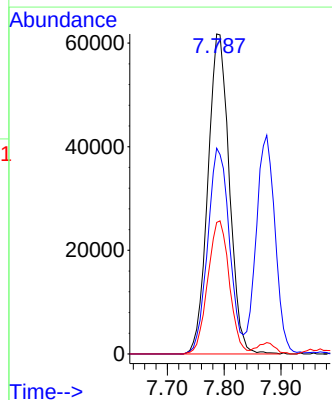
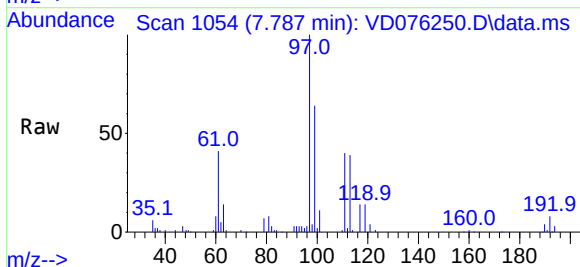
Tgt Ion: 97 Resp: 161316

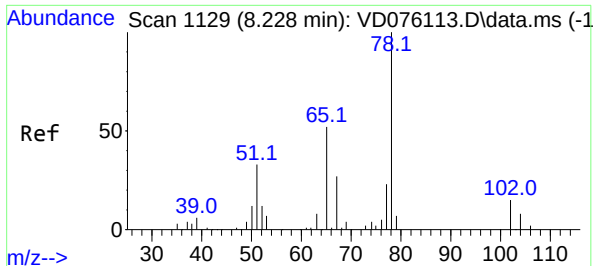
Ion Ratio Lower Upper

97 100

99 65.3 50.5 75.7

61 42.0 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 44.015 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD076250.D

Acq: 26 May 2023 10:11

Instrument :

MSVOA_D

ClientSampleId :

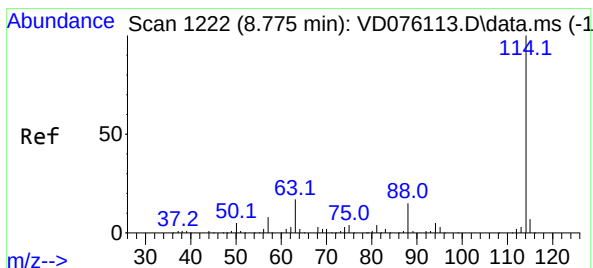
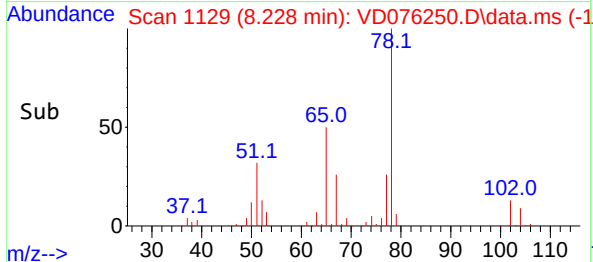
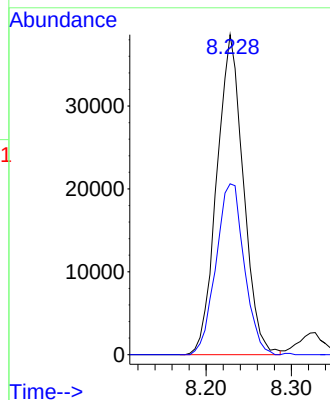
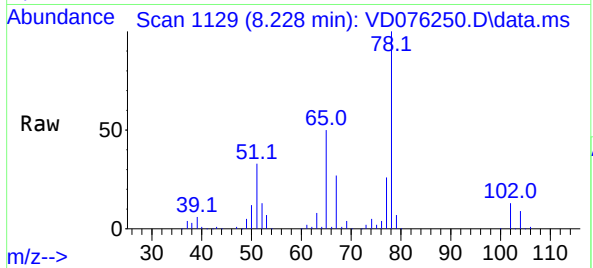
VSTDCCC050

Tgt Ion: 65 Resp: 83576

Ion Ratio Lower Upper

65 100

67 56.7 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: VD076250.D

Acq: 26 May 2023 10:11

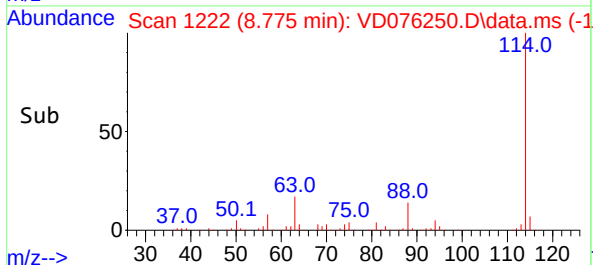
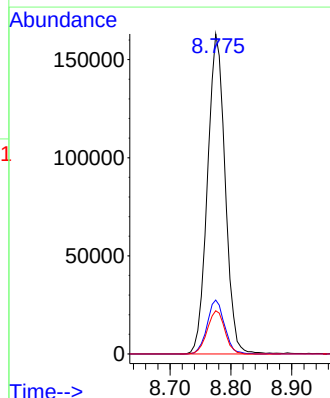
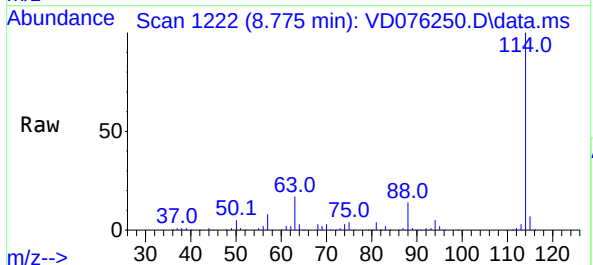
Tgt Ion:114 Resp: 328489

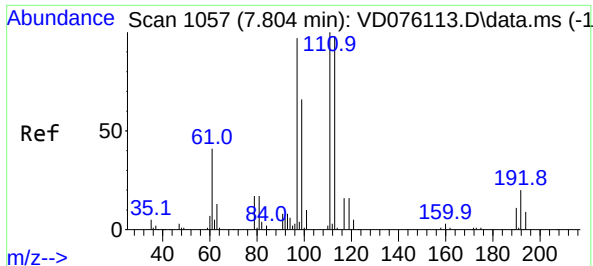
Ion Ratio Lower Upper

114 100

63 16.9 0.0 41.6

88 13.5 0.0 30.6





#35

Dibromofluoromethane

Concen: 45.439 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD076250.D

Acq: 26 May 2023 10:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

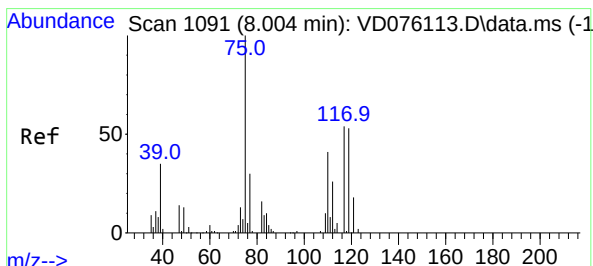
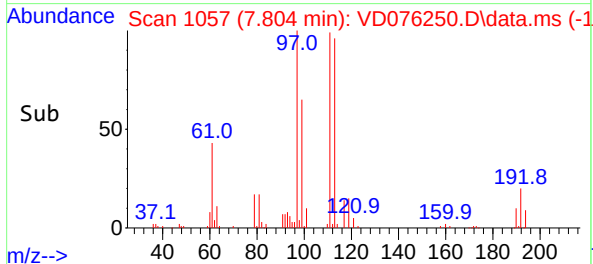
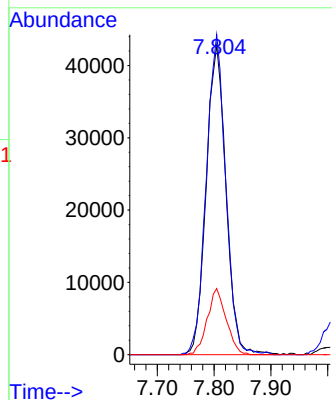
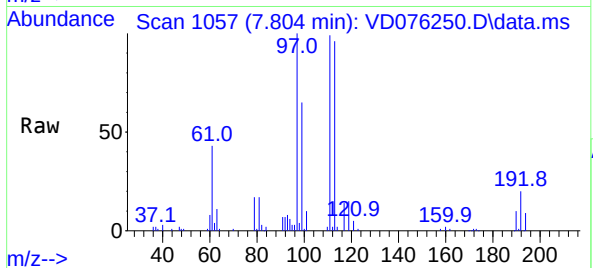
Tgt Ion:113 Resp: 103173

Ion Ratio Lower Upper

113 100

111 101.9 81.4 122.0

192 20.5 15.2 22.8



#36

1,1-Dichloropropene

Concen: 46.081 ug/l

RT: 8.004 min Scan# 1091

Delta R.T. -0.006 min

Lab File: VD076250.D

Acq: 26 May 2023 10:11

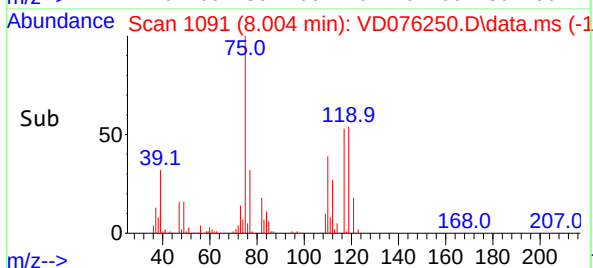
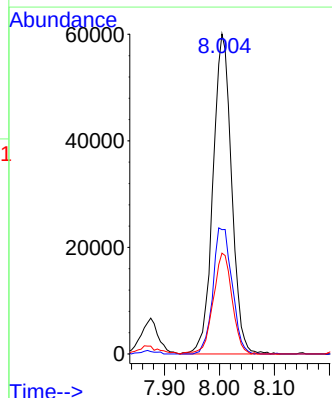
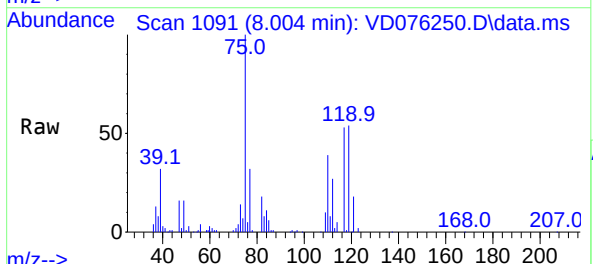
Tgt Ion: 75 Resp: 141309

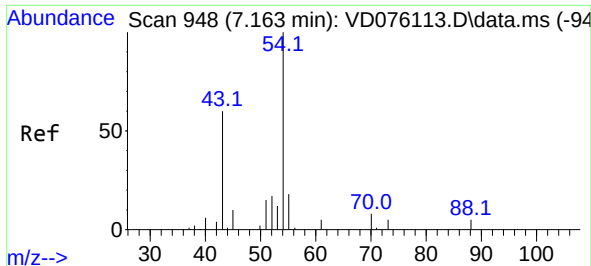
Ion Ratio Lower Upper

75 100

110 40.4 17.1 51.2

77 32.0 24.6 36.8





#37

Ethyl Acetate

Concen: 42.460 ug/l

RT: 7.169 min Scan# 94

Delta R.T. 0.000 min

Lab File: VD076250.D

Acq: 26 May 2023 10:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

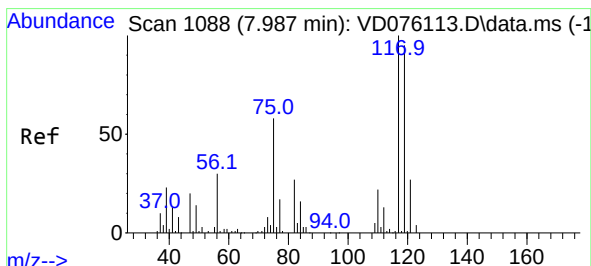
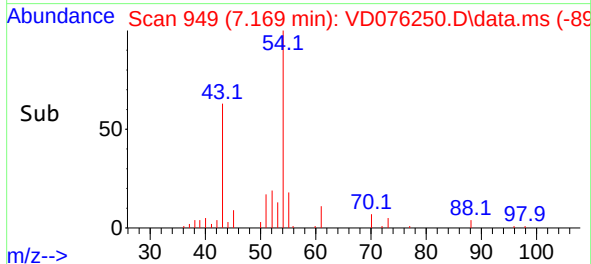
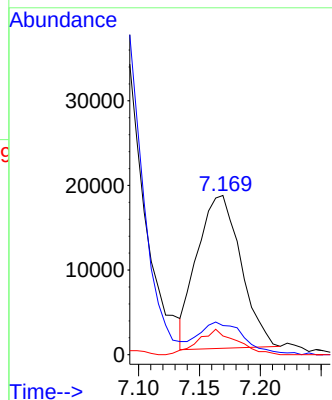
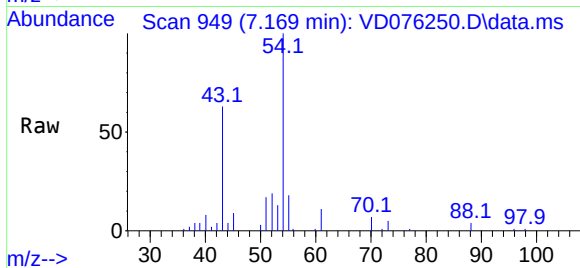
Tgt Ion: 43 Resp: 45087

Ion Ratio Lower Upper

43 100

61 23.1 0.0 0.0#

70 14.6 5.6 8.4#



#38

Carbon Tetrachloride

Concen: 46.223 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD076250.D

Acq: 26 May 2023 10:11

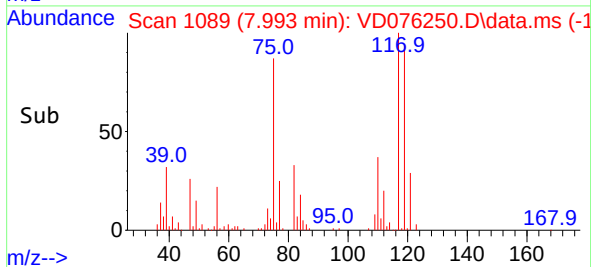
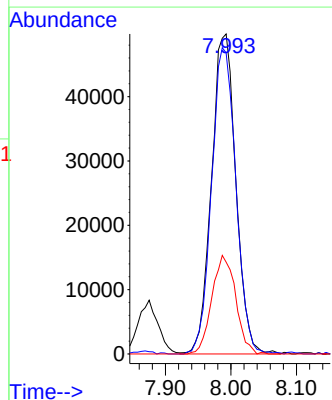
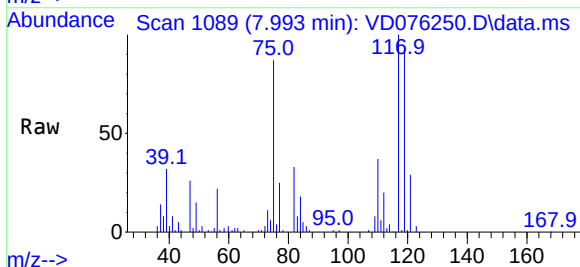
Tgt Ion:117 Resp: 128032

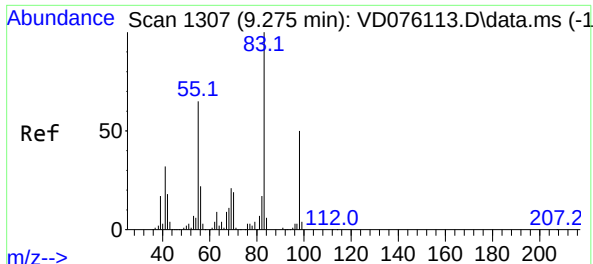
Ion Ratio Lower Upper

117 100

119 94.1 74.7 112.1

121 28.7 25.9 38.9

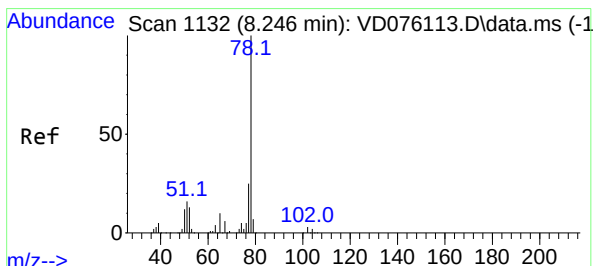
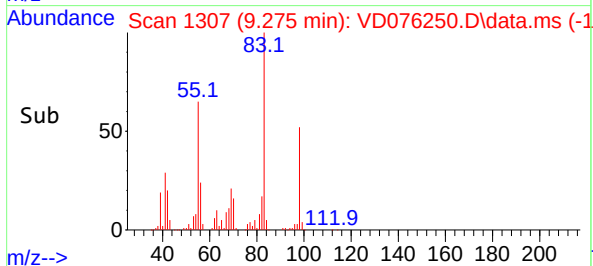
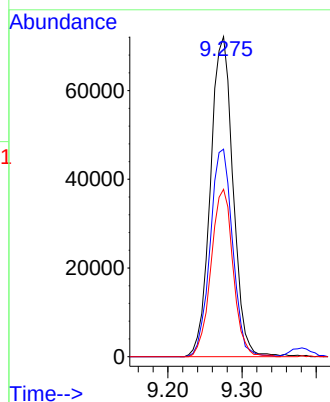
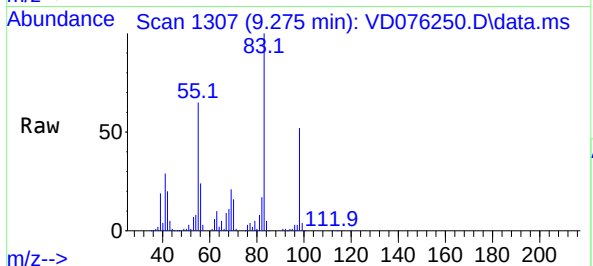




#39
Methylcyclohexane
Concen: 43.206 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076250.D
Acq: 26 May 2023 10:11

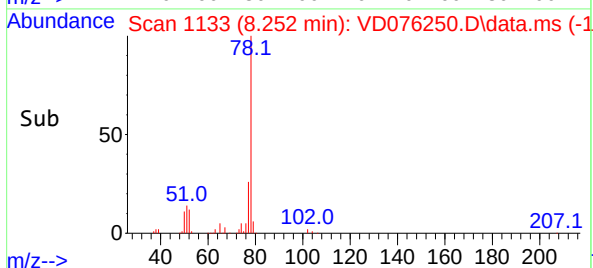
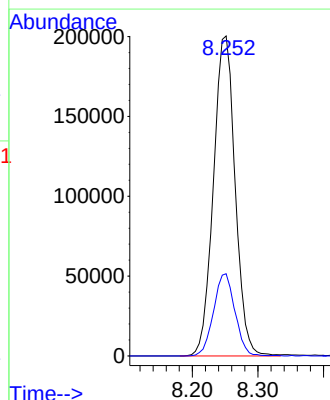
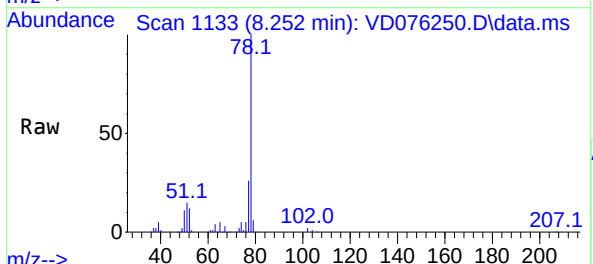
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

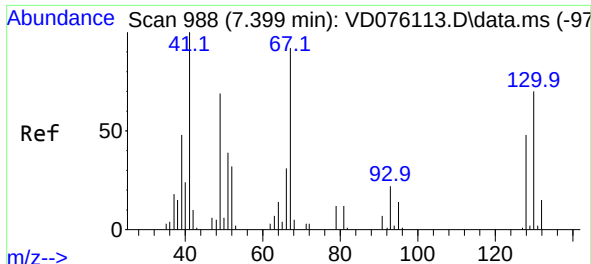
Tgt Ion: 83 Resp: 152540
Ion Ratio Lower Upper
83 100
55 64.8 56.8 85.2
98 52.3 38.9 58.3



#40
Benzene
Concen: 46.707 ug/l
RT: 8.252 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD076250.D
Acq: 26 May 2023 10:11

Tgt Ion: 78 Resp: 460483
Ion Ratio Lower Upper
78 100
77 25.7 19.1 28.7



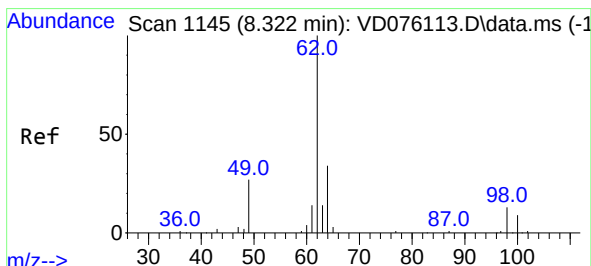
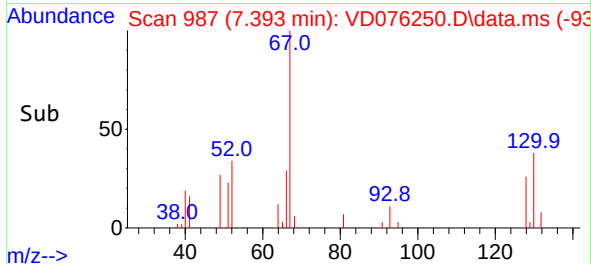
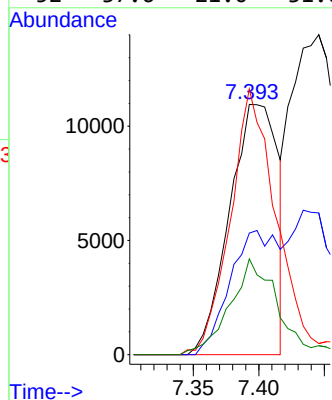
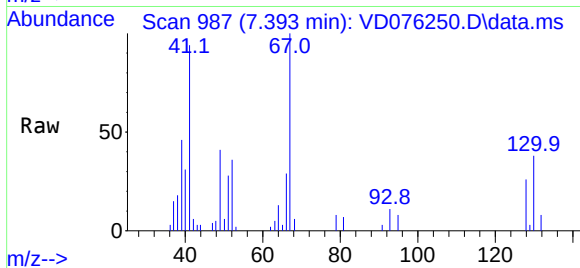


#41
Methacrylonitrile
Concen: 48.127 ug/l
RT: 7.393 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD076250.D
Acq: 26 May 2023 10:11

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 28022

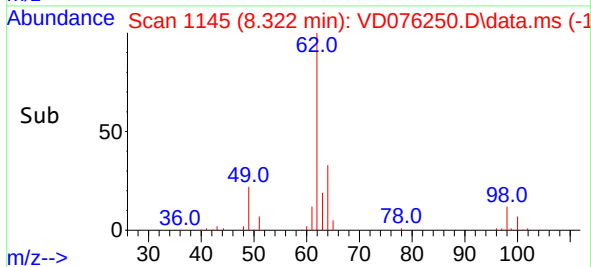
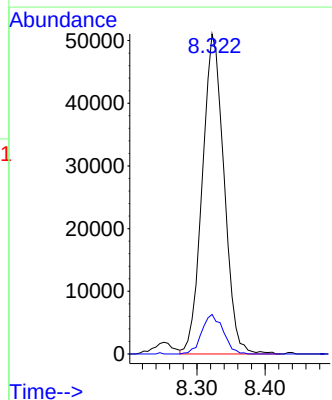
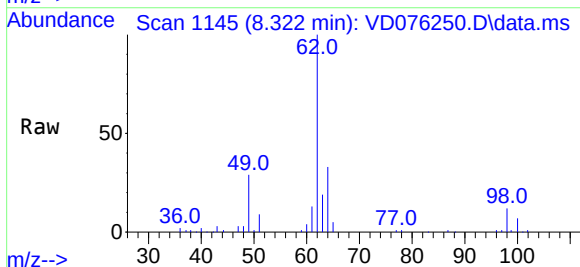
Ion	Ratio	Lower	Upper
41	100		
39	49.5	45.3	67.9
67	102.2	50.5	75.7#
52	37.6	21.0	31.6#

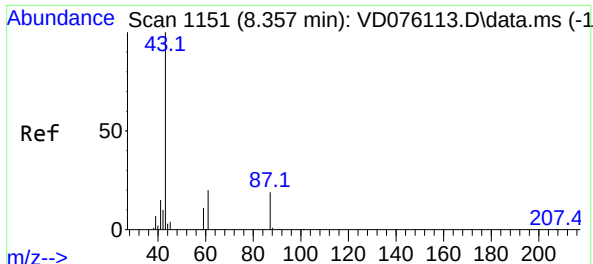


#42
1,2-Dichloroethane
Concen: 48.580 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VD076250.D
Acq: 26 May 2023 10:11

Tgt Ion: 62 Resp: 113285

Ion	Ratio	Lower	Upper
62	100		
98	12.2	0.0	18.8





#43

Isopropyl Acetate

Concen: 46.124 ug/l

RT: 8.357 min Scan# 1151

Delta R.T. 0.000 min

Lab File: VD076250.D

Acq: 26 May 2023 10:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

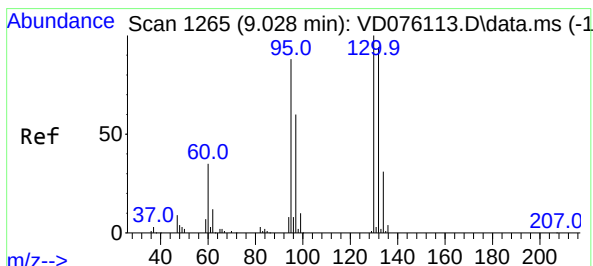
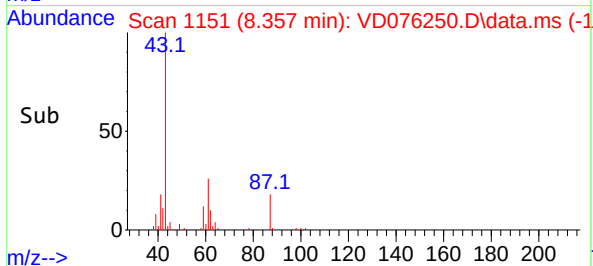
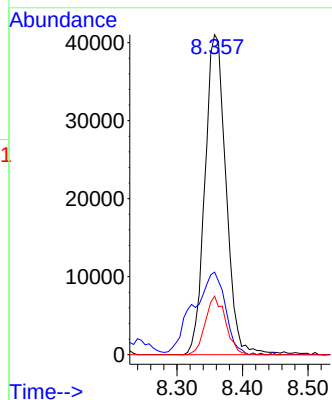
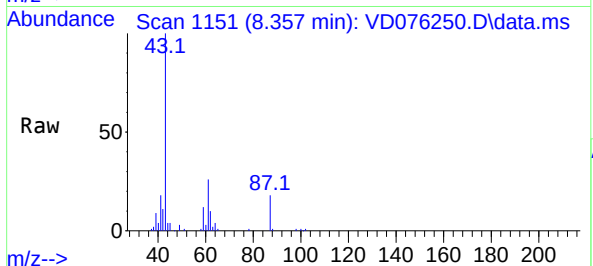
Tgt Ion: 43 Resp: 91493

Ion Ratio Lower Upper

43 100

61 39.4 23.4 35.0#

87 17.6 9.5 14.3#



#44

Trichloroethene

Concen: 45.126 ug/l

RT: 9.028 min Scan# 1265

Delta R.T. -0.000 min

Lab File: VD076250.D

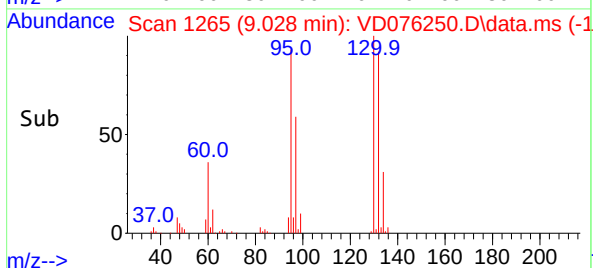
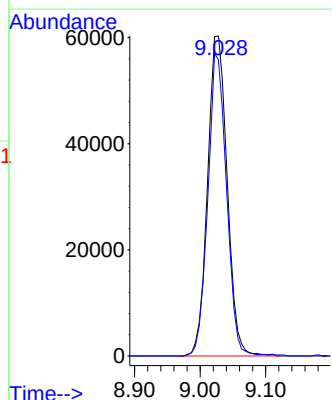
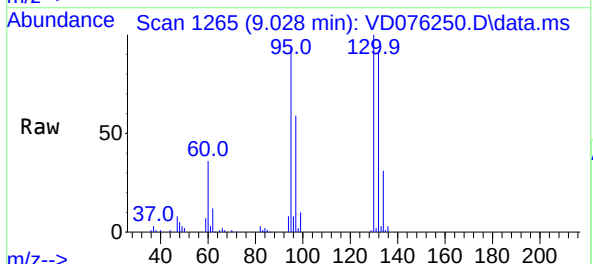
Acq: 26 May 2023 10:11

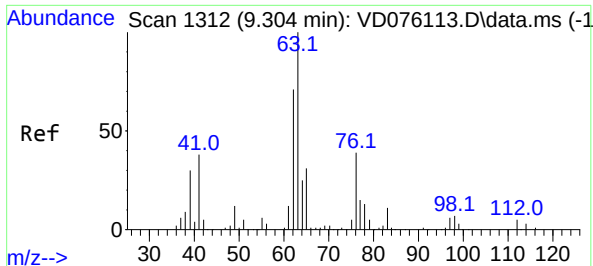
Tgt Ion:130 Resp: 125381

Ion Ratio Lower Upper

130 100

95 92.5 0.0 197.6

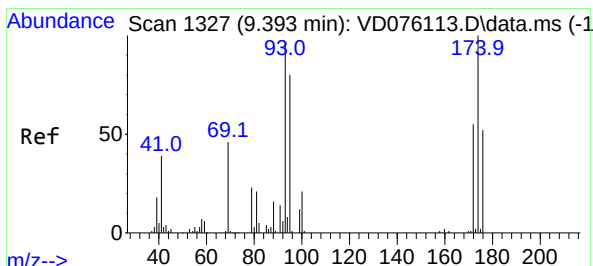
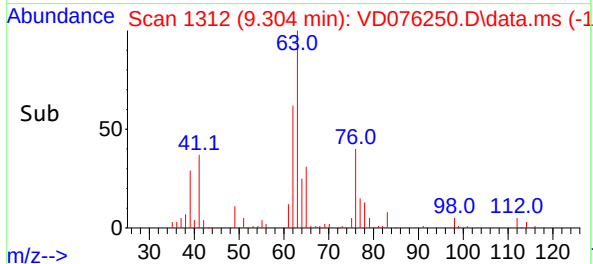
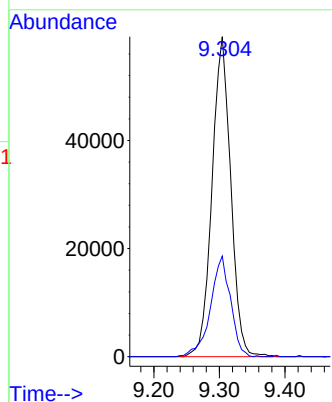
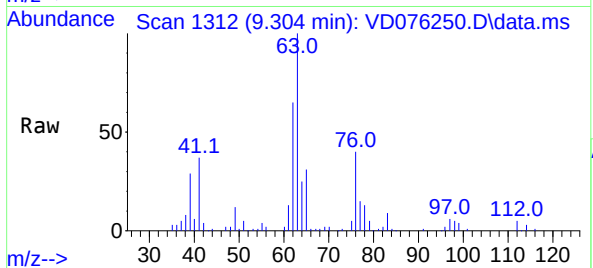




#45
1,2-Dichloropropane
Concen: 48.229 ug/l
RT: 9.304 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076250.D
Acq: 26 May 2023 10:11

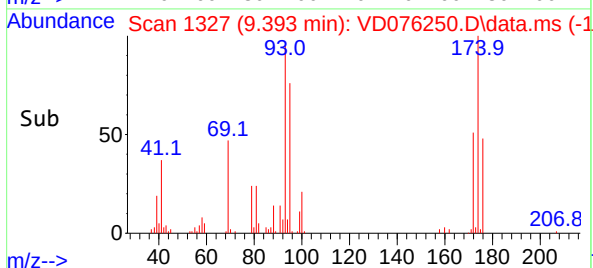
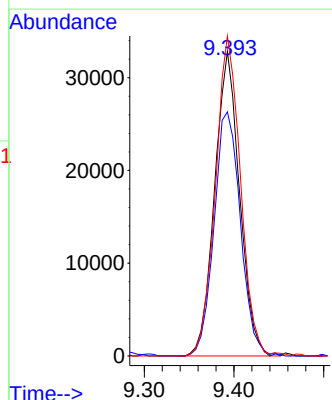
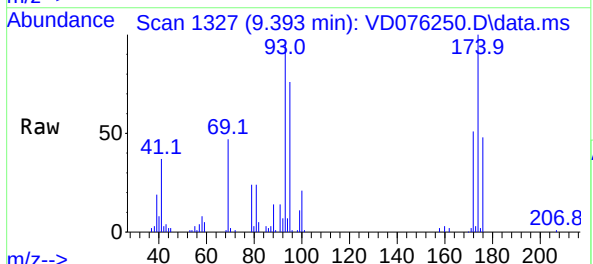
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

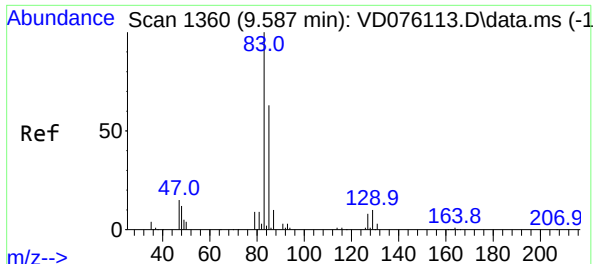
Tgt Ion: 63 Resp: 117285
Ion Ratio Lower Upper
63 100
65 31.5 23.0 34.4



#46
Dibromomethane
Concen: 46.456 ug/l
RT: 9.393 min Scan# 1327
Delta R.T. -0.000 min
Lab File: VD076250.D
Acq: 26 May 2023 10:11

Tgt Ion: 93 Resp: 63324
Ion Ratio Lower Upper
93 100
95 84.7 64.5 96.7
174 105.7 76.2 114.4

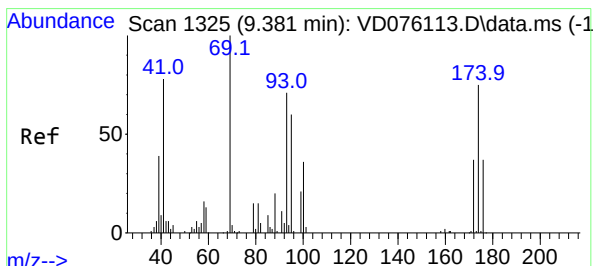
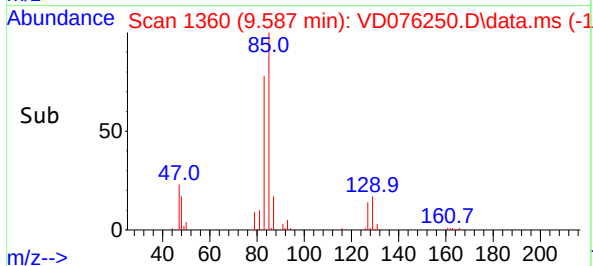
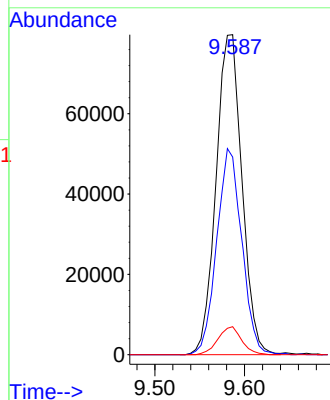
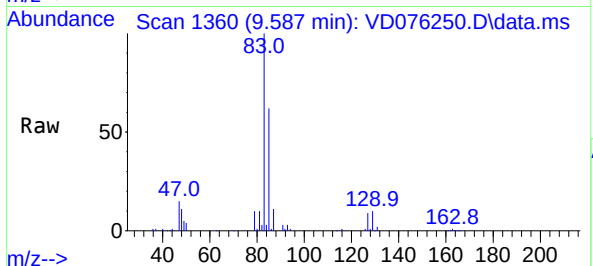




#47
Bromodichloromethane
Concen: 48.833 ug/l
RT: 9.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076250.D
Acq: 26 May 2023 10:11

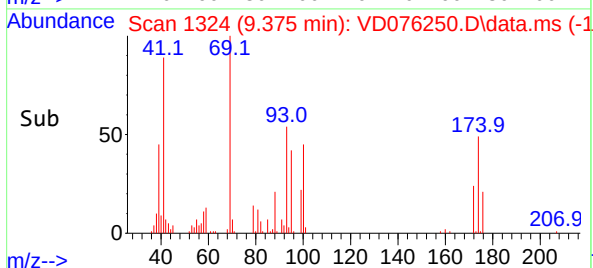
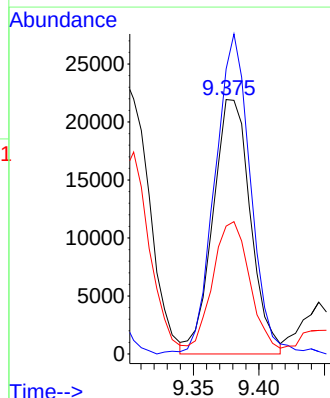
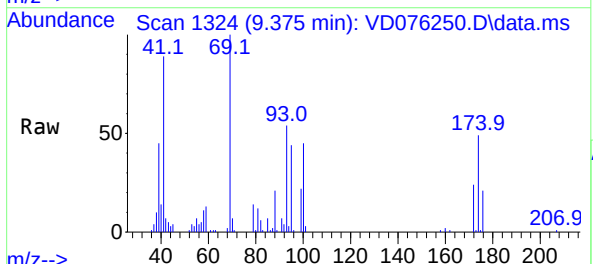
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

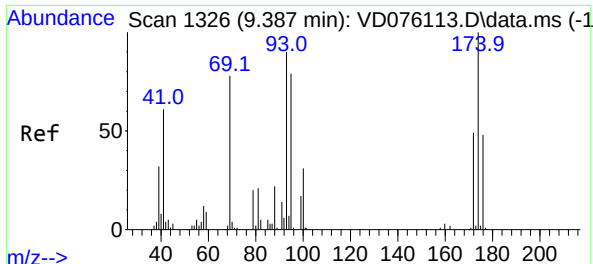
Tgt Ion: 83 Resp: 159976
Ion Ratio Lower Upper
83 100
85 61.7 53.7 80.5
127 8.8 7.0 10.6



#48
Methyl methacrylate
Concen: 49.835 ug/l
RT: 9.375 min Scan# 1324
Delta R.T. -0.006 min
Lab File: VD076250.D
Acq: 26 May 2023 10:11

Tgt Ion: 41 Resp: 43751
Ion Ratio Lower Upper
41 100
69 119.1 58.6 88.0#
39 52.1 53.4 80.0#

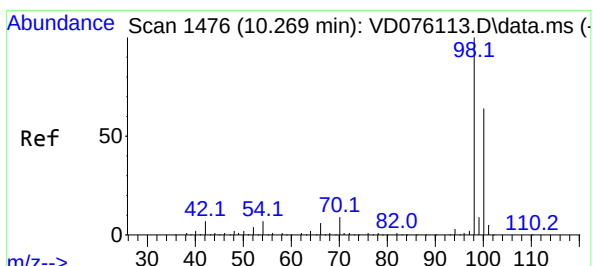
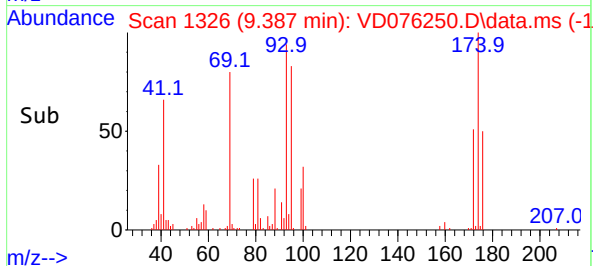
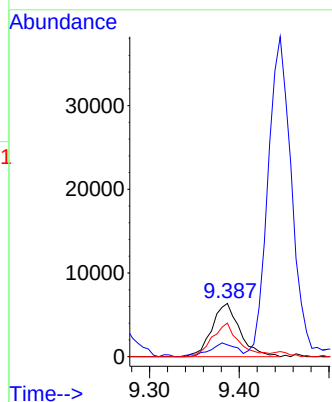
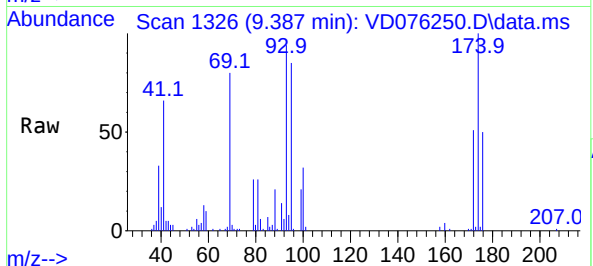




#49
1,4-Dioxane
Concen: 941.112 ug/l
RT: 9.387 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD076250.D
Acq: 26 May 2023 10:11

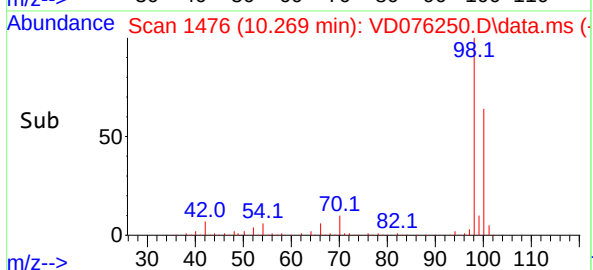
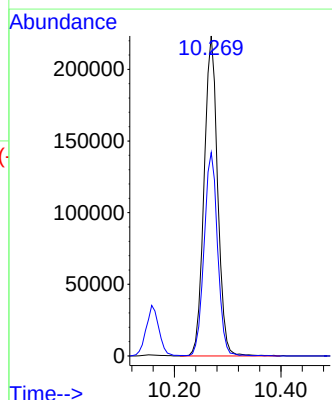
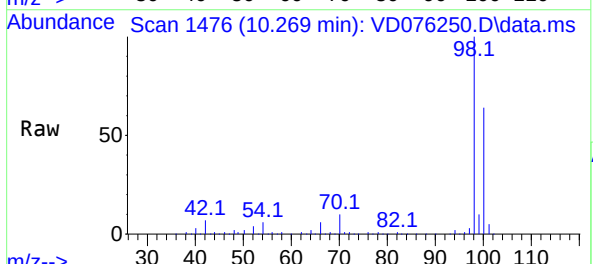
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

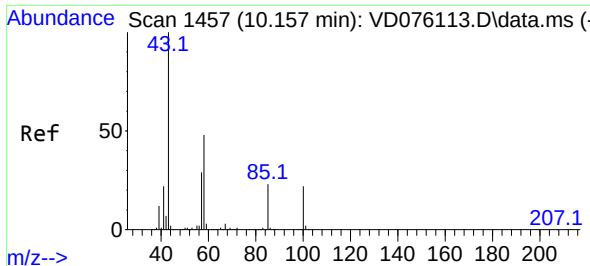
Tgt Ion: 88 Resp: 13718
Ion Ratio Lower Upper
88 100
43 24.4 34.6 51.8#
58 60.3 58.0 87.0



#50
Toluene-d8
Concen: 44.394 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076250.D
Acq: 26 May 2023 10:11

Tgt Ion: 98 Resp: 392945
Ion Ratio Lower Upper
98 100
100 63.2 52.1 78.1

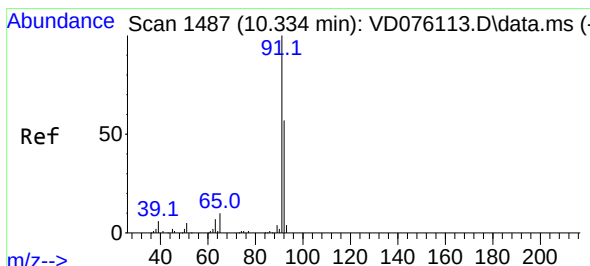
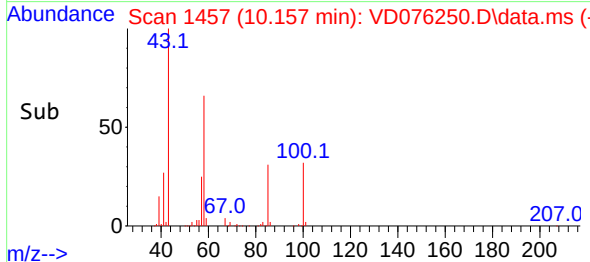
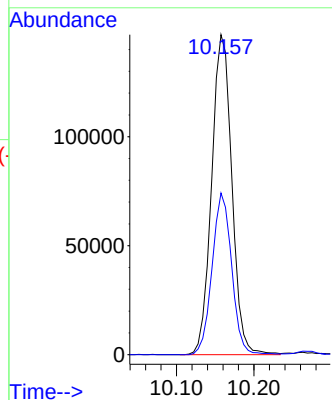
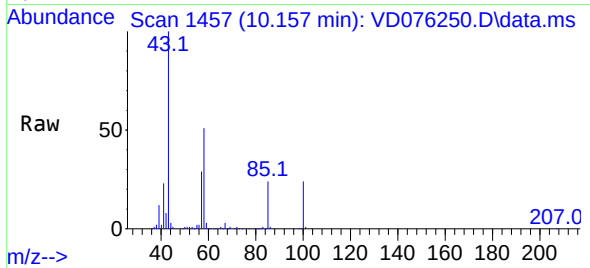




#51
4-Methyl-2-Pentanone
Concen: 253.182 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD076250.D
Acq: 26 May 2023 10:11

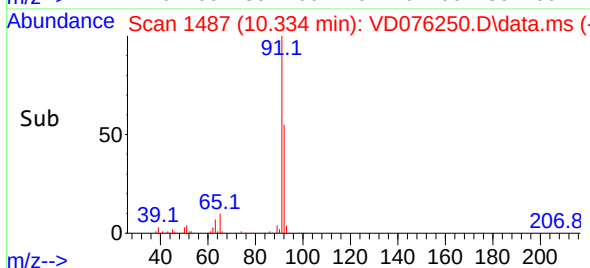
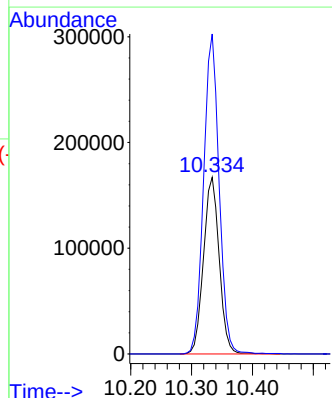
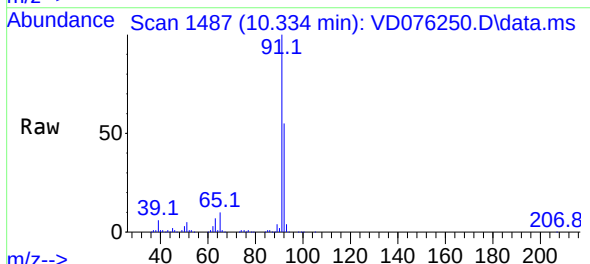
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

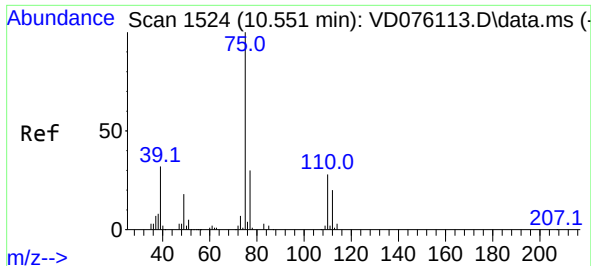
Tgt Ion: 43 Resp: 267103
Ion Ratio Lower Upper
43 100
58 48.9 29.5 44.3#



#52
Toluene
Concen: 48.516 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD076250.D
Acq: 26 May 2023 10:11

Tgt Ion: 92 Resp: 298739
Ion Ratio Lower Upper
92 100
91 178.4 136.5 204.7

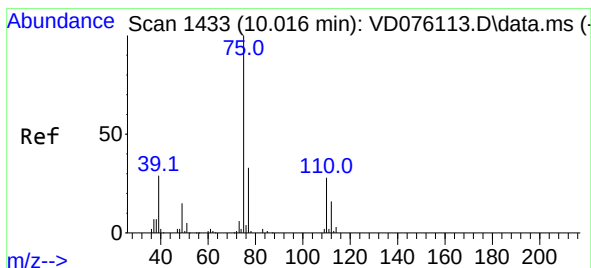
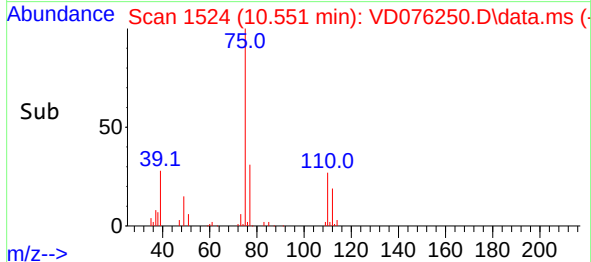
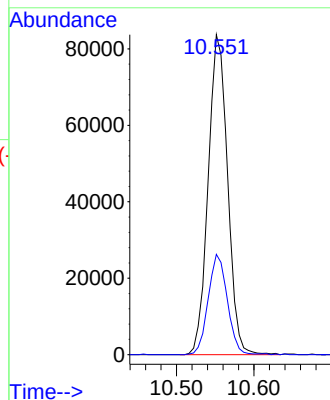
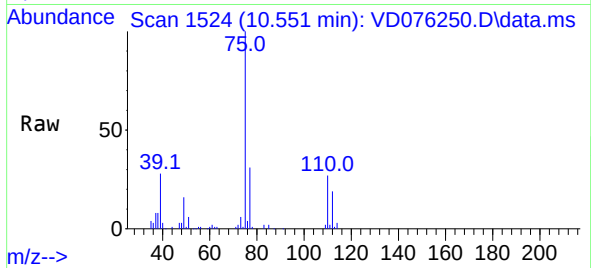




#53
 t-1,3-Dichloropropene
 Concen: 49.372 ug/l
 RT: 10.551 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VD076250.D
 Acq: 26 May 2023 10:11

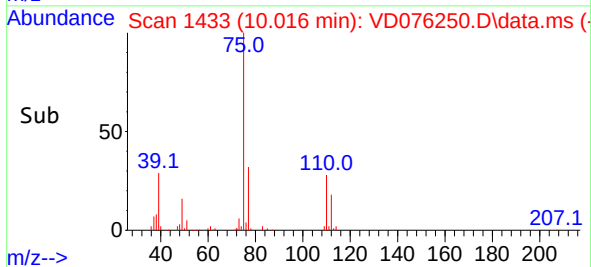
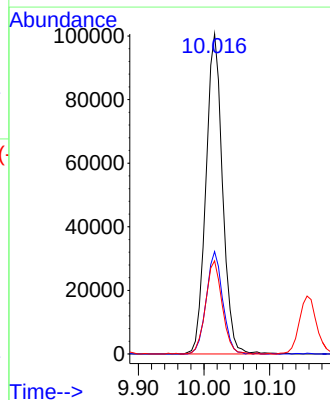
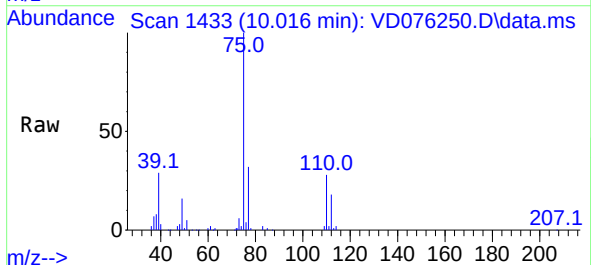
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

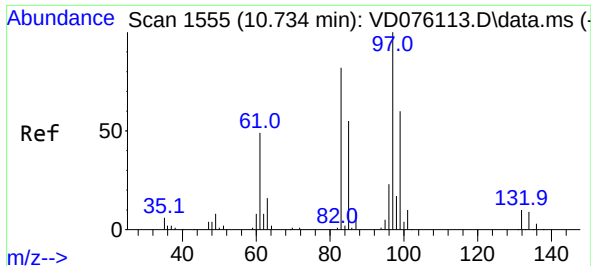
Tgt Ion: 75 Resp: 145776
 Ion Ratio Lower Upper
 75 100
 77 31.4 26.3 39.5



#54
 cis-1,3-Dichloropropene
 Concen: 49.234 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD076250.D
 Acq: 26 May 2023 10:11

Tgt Ion: 75 Resp: 177403
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.6 38.4
 39 29.1 44.8 67.2#

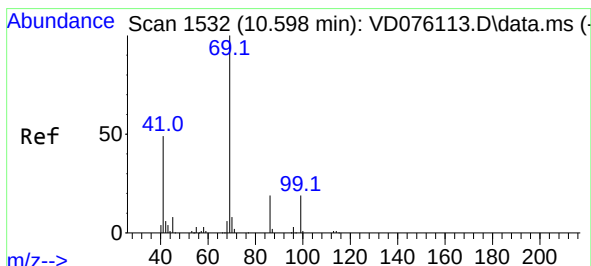
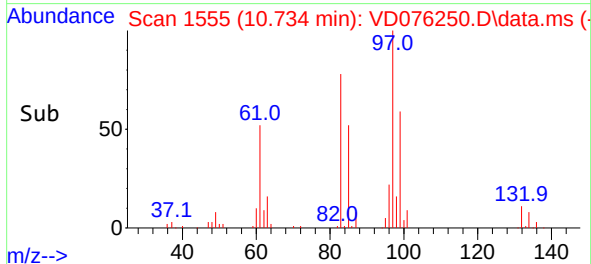
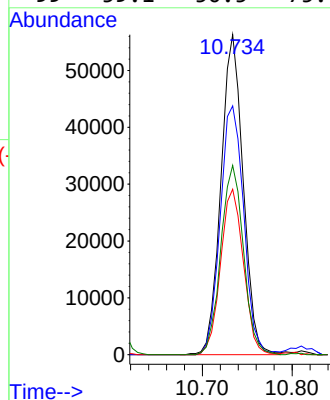
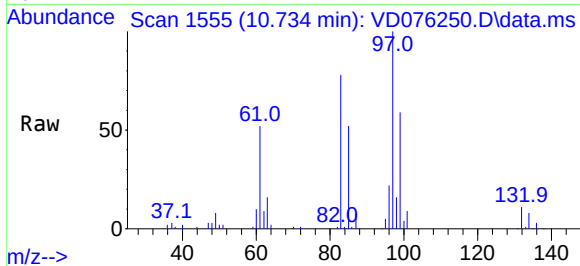




#55
1,1,2-Trichloroethane
Concen: 49.456 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD076250.D
Acq: 26 May 2023 10:11

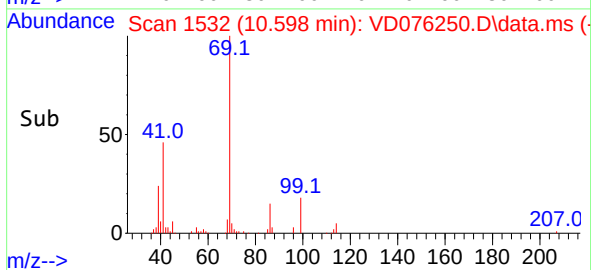
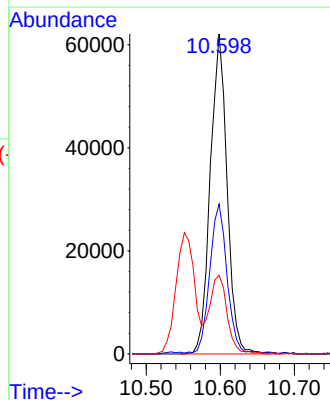
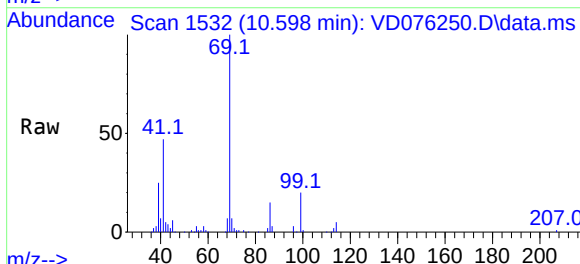
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

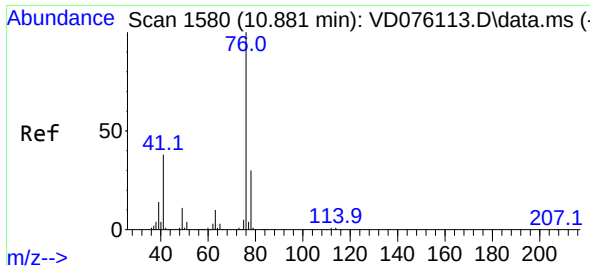
Tgt Ion:	97	Resp:	96672
Ion	Ratio	Lower	Upper
97	100		
83	77.8	74.2	111.4
85	51.7	45.4	68.0
99	59.1	50.5	75.7



#56
Ethyl methacrylate
Concen: 49.823 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD076250.D
Acq: 26 May 2023 10:11

Tgt Ion:	69	Resp:	97891
Ion	Ratio	Lower	Upper
69	100		
41	47.5	59.3	88.9#
39	26.0	36.0	54.0#





#57

1,3-Dichloropropane

Concen: 48.910 ug/l

RT: 10.881 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD076250.D

Acq: 26 May 2023 10:11

Instrument :

MSVOA_D

ClientSampleId :

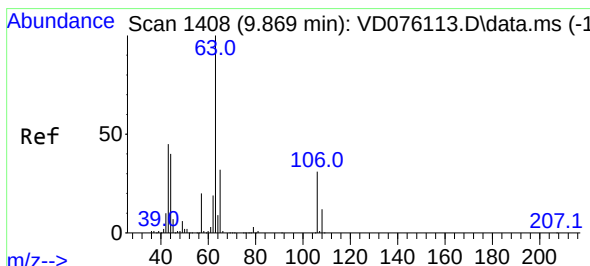
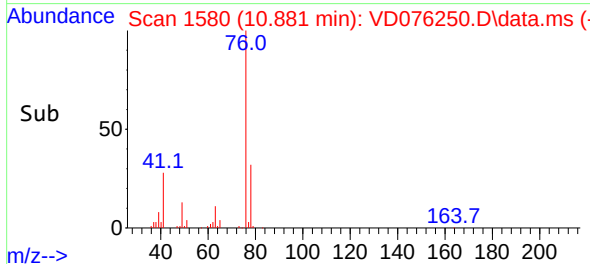
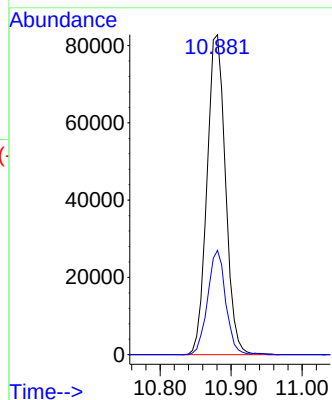
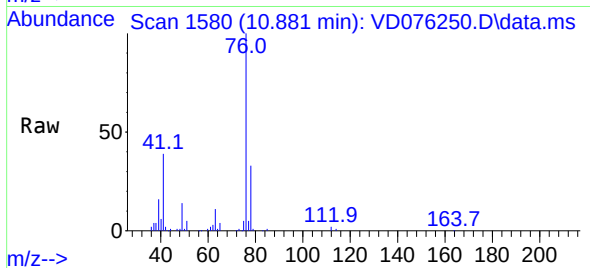
VSTDCCC050

Tgt Ion: 76 Resp: 149993

Ion Ratio Lower Upper

76 100

78 31.7 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 247.286 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD076250.D

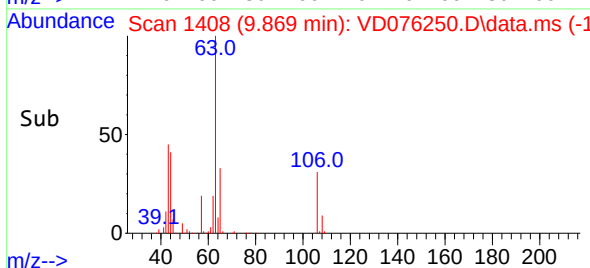
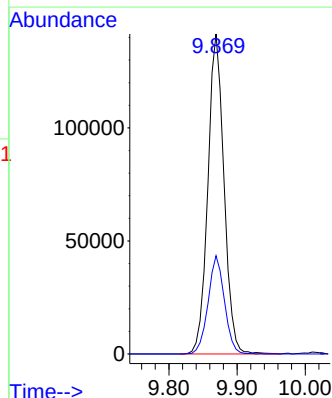
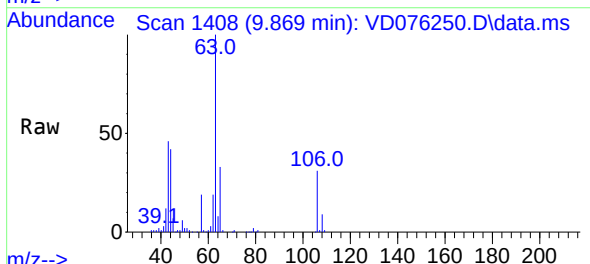
Acq: 26 May 2023 10:11

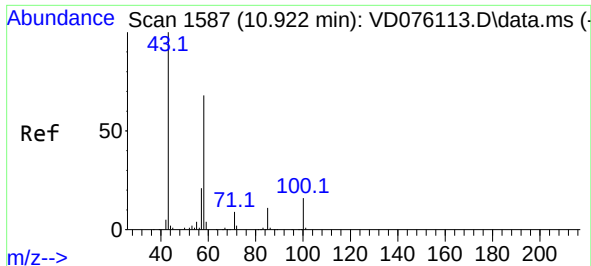
Tgt Ion: 63 Resp: 233118

Ion Ratio Lower Upper

63 100

106 31.0 21.4 32.2

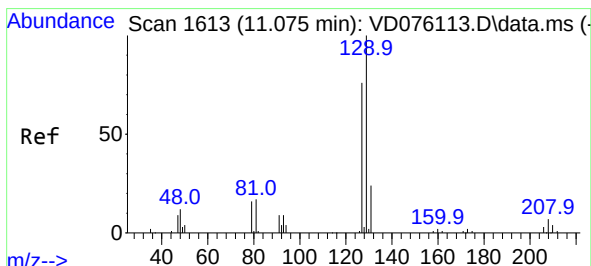
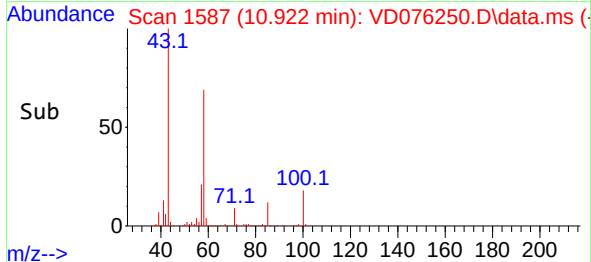
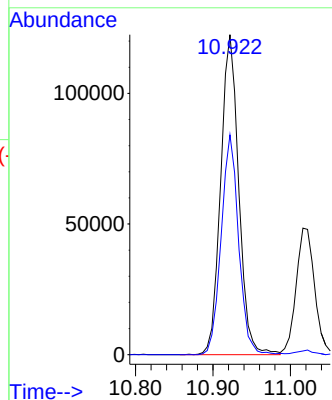
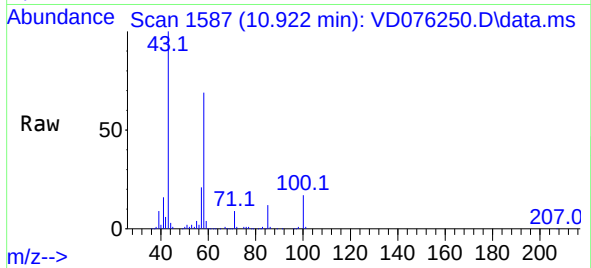




#59
2-Hexanone
Concen: 267.124 ug/l
RT: 10.922 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076250.D
Acq: 26 May 2023 10:11

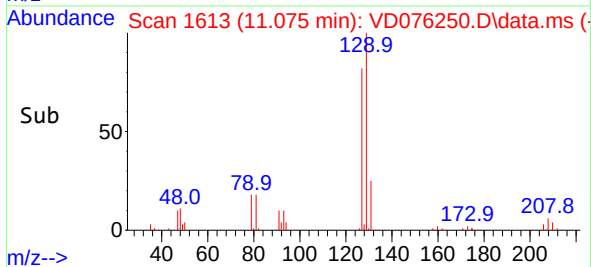
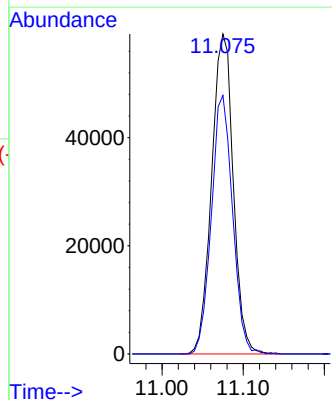
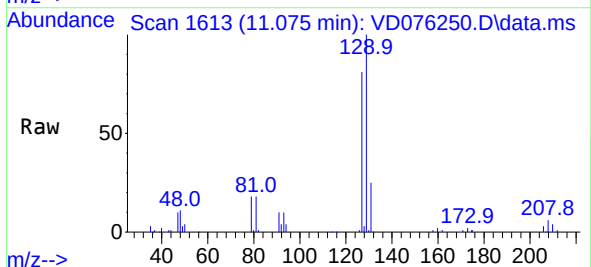
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

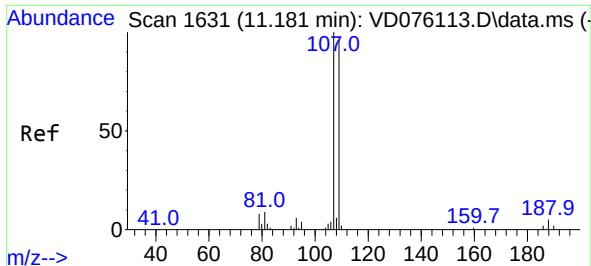
Tgt Ion: 43 Resp: 198741
Ion Ratio Lower Upper
43 100
58 66.6 25.3 75.8



#60
Dibromochloromethane
Concen: 49.837 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD076250.D
Acq: 26 May 2023 10:11

Tgt Ion:129 Resp: 109537
Ion Ratio Lower Upper
129 100
127 79.1 38.1 114.5

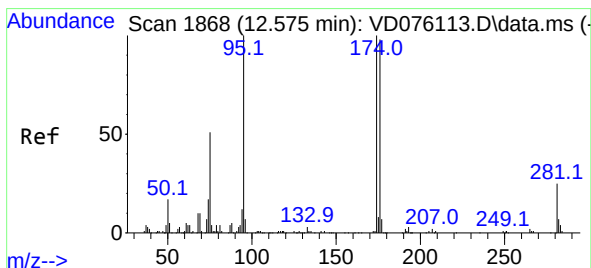
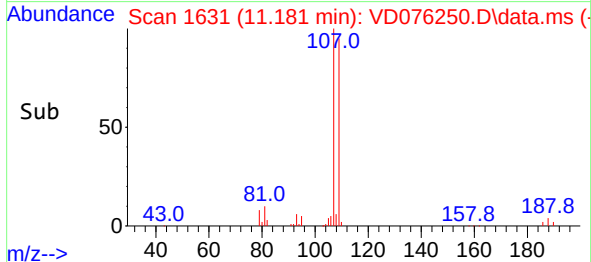
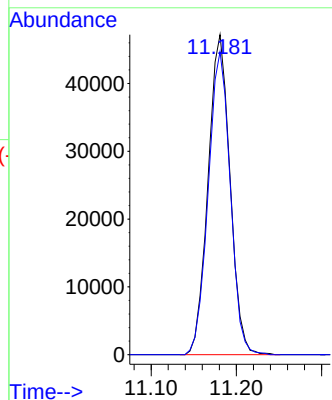
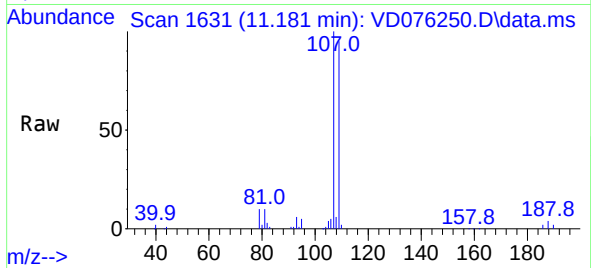




#61
1,2-Dibromoethane
Concen: 48.439 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD076250.D
Acq: 26 May 2023 10:11

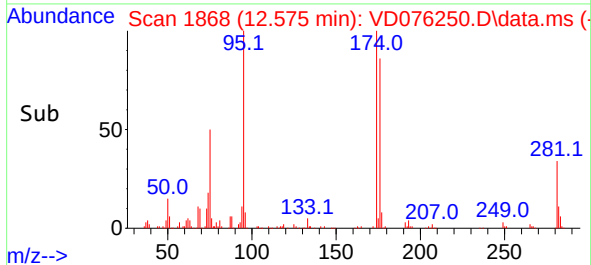
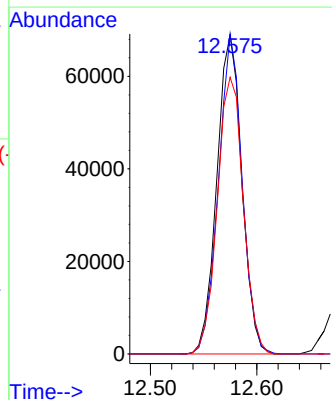
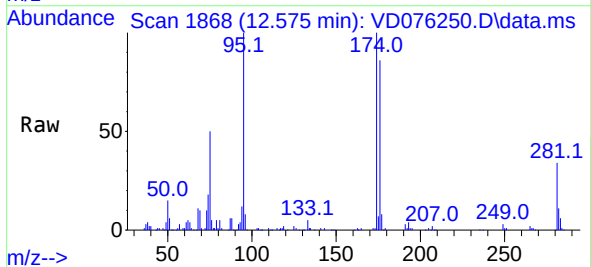
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

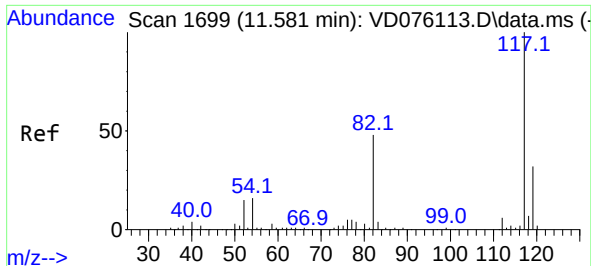
Tgt Ion:107 Resp: 84227
Ion Ratio Lower Upper
107 100
109 95.0 73.6 110.4



#62
4-Bromofluorobenzene
Concen: 45.653 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076250.D
Acq: 26 May 2023 10:11

Tgt Ion: 95 Resp: 112250
Ion Ratio Lower Upper
95 100
174 95.4 0.0 164.0
176 89.9 0.0 156.8

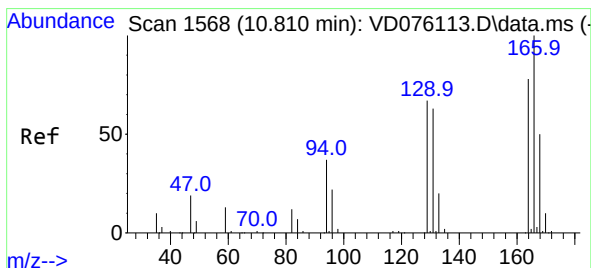
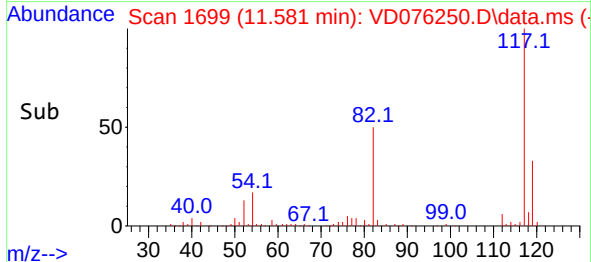
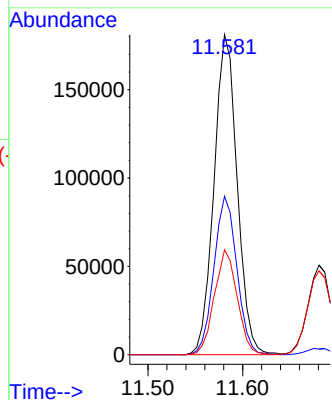
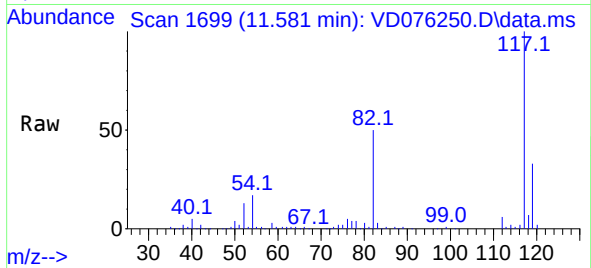




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD076250.D
Acq: 26 May 2023 10:11

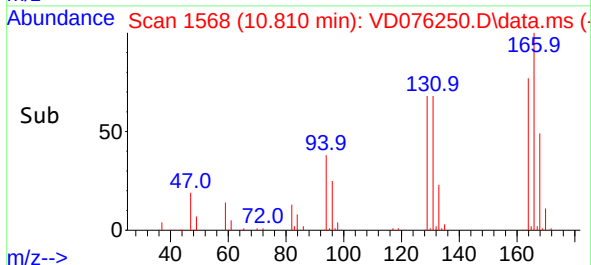
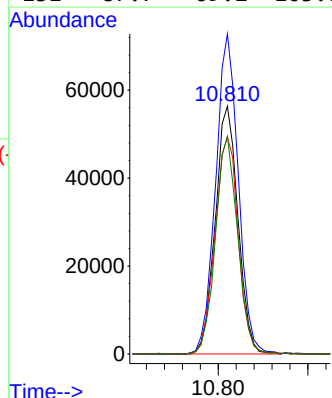
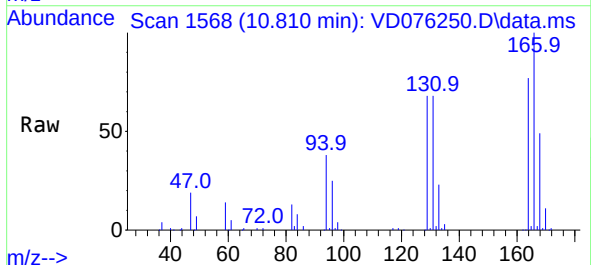
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

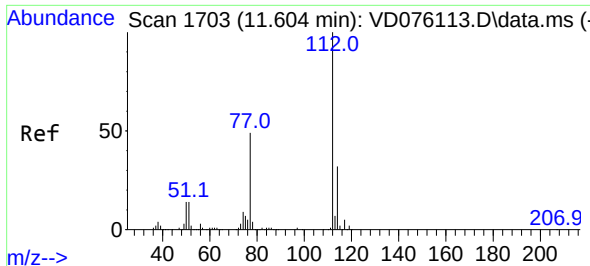
Tgt Ion:117 Resp: 307745
Ion Ratio Lower Upper
117 100
82 49.5 44.0 66.0
119 32.8 25.1 37.7



#64
Tetrachloroethene
Concen: 41.867 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD076250.D
Acq: 26 May 2023 10:11

Tgt Ion:164 Resp: 99077
Ion Ratio Lower Upper
164 100
166 129.1 94.9 142.3
129 87.6 73.0 109.6
131 87.7 69.2 103.8

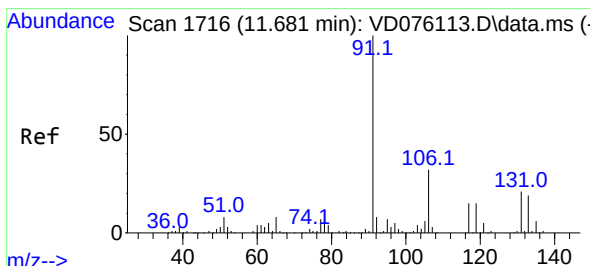
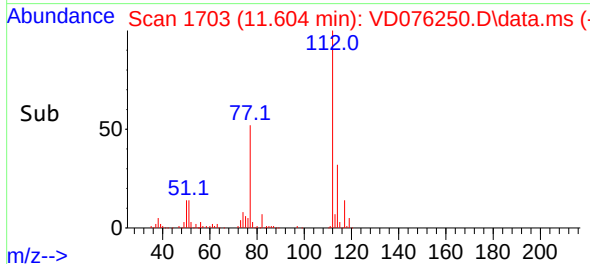
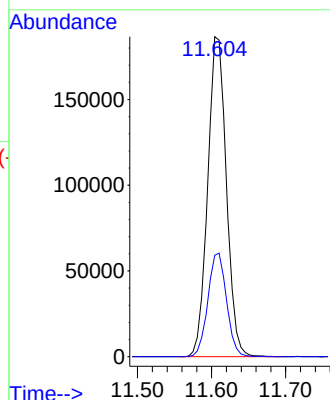
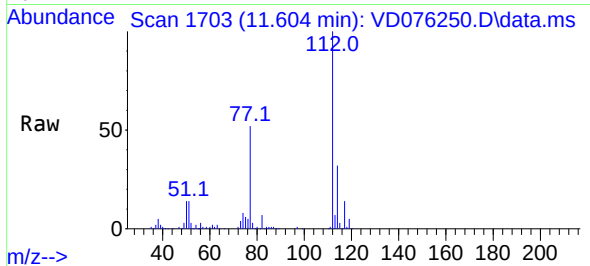




#65
Chlorobenzene
Concen: 46.593 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VD076250.D
Acq: 26 May 2023 10:11

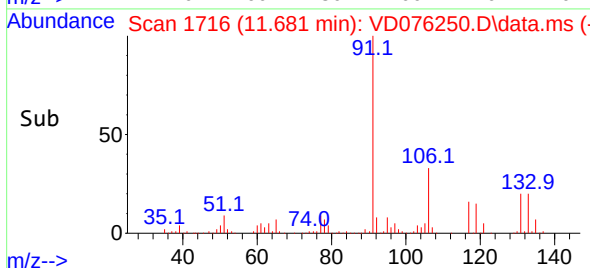
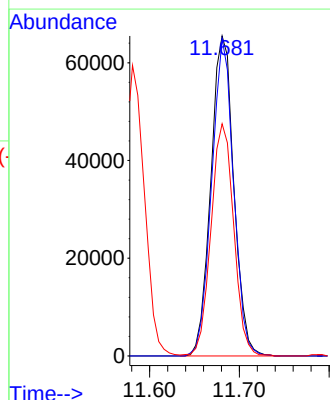
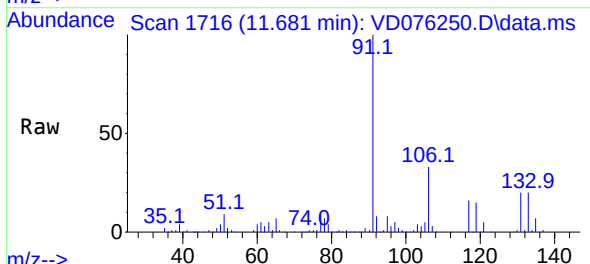
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

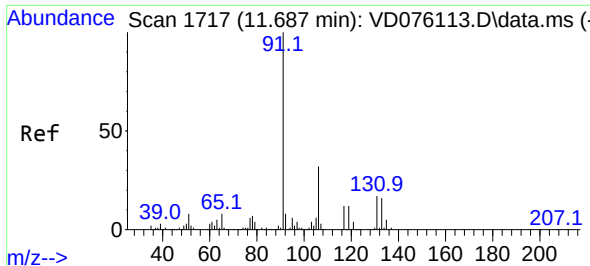
Tgt Ion:112 Resp: 326436
Ion Ratio Lower Upper
112 100
114 31.7 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 48.276 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076250.D
Acq: 26 May 2023 10:11

Tgt Ion:131 Resp: 116396
Ion Ratio Lower Upper
131 100
133 94.4 46.7 140.0
119 71.8 31.9 95.9

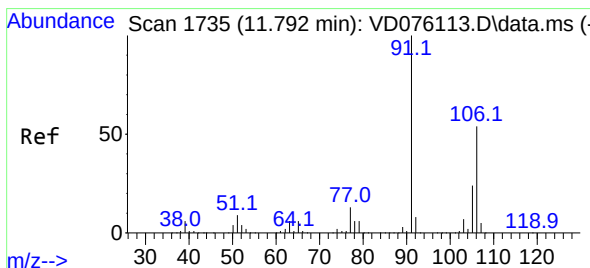
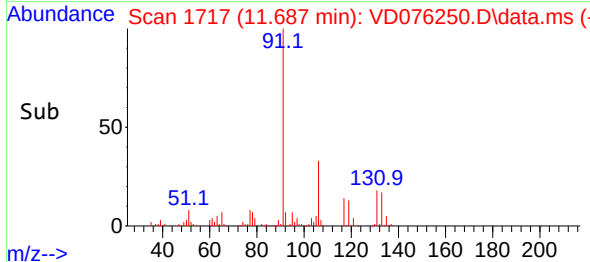
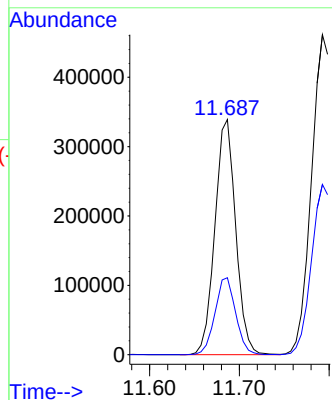
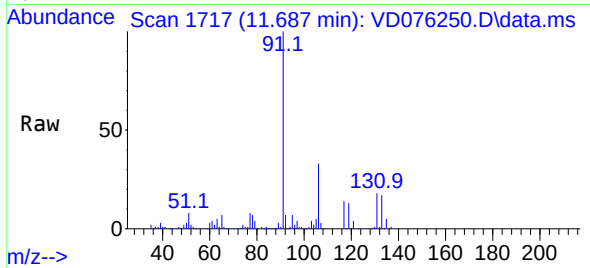




#67
Ethyl Benzene
Concen: 48.785 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD076250.D
Acq: 26 May 2023 10:11

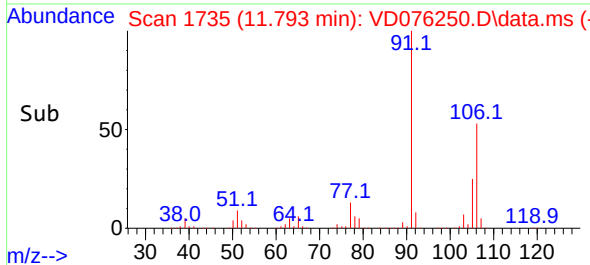
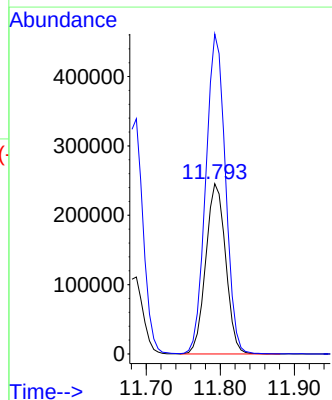
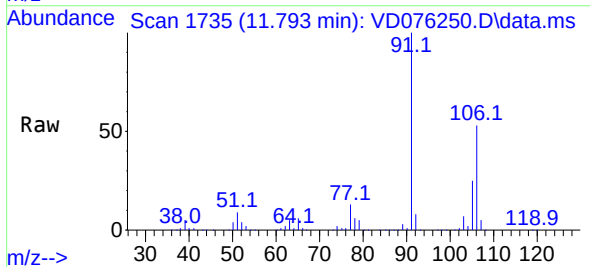
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

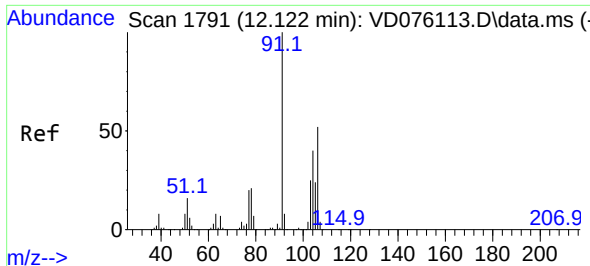
Tgt Ion: 91 Resp: 546153
Ion Ratio Lower Upper
91 100
106 32.7 24.5 36.7



#68
m/p-Xylenes
Concen: 99.800 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD076250.D
Acq: 26 May 2023 10:11

Tgt Ion: 106 Resp: 456627
Ion Ratio Lower Upper
106 100
91 186.1 161.5 242.3

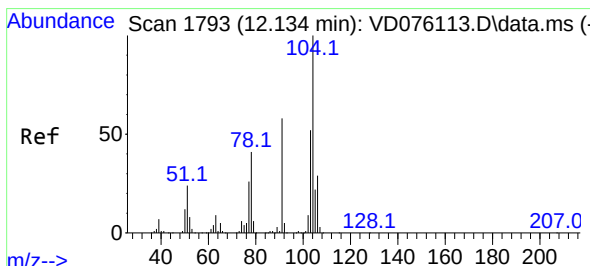
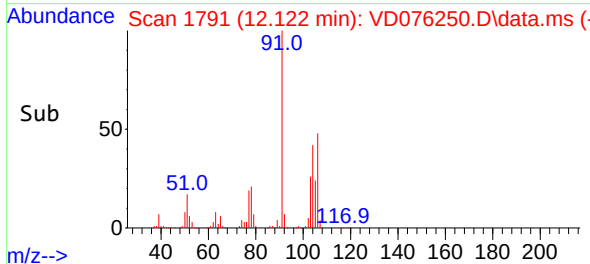
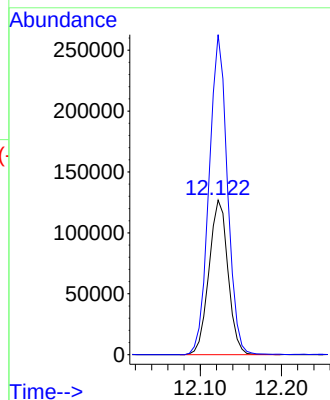
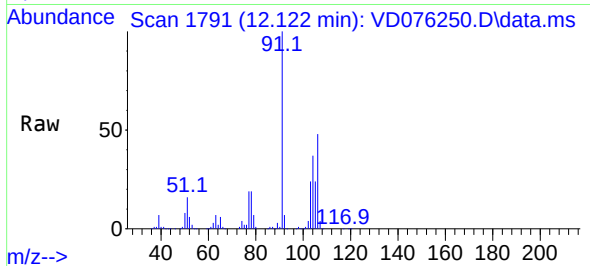




#69
o-Xylene
Concen: 49.398 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD076250.D
Acq: 26 May 2023 10:11

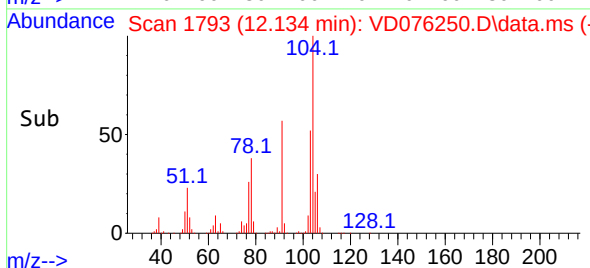
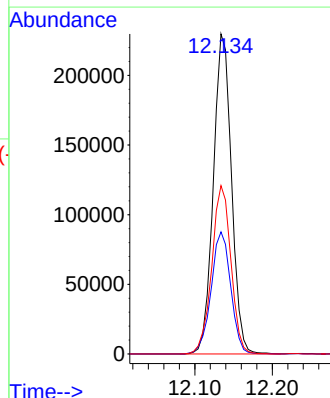
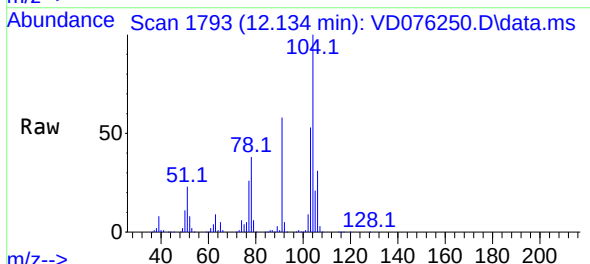
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

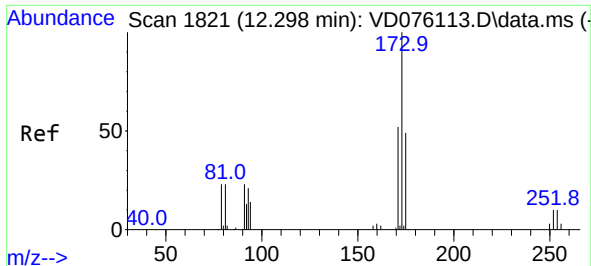
Tgt Ion:106 Resp: 206233
Ion Ratio Lower Upper
106 100
91 200.0 105.7 317.1



#70
Styrene
Concen: 51.851 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD076250.D
Acq: 26 May 2023 10:11

Tgt Ion:104 Resp: 375316
Ion Ratio Lower Upper
104 100
78 41.2 40.2 60.4
103 55.4 44.2 66.2

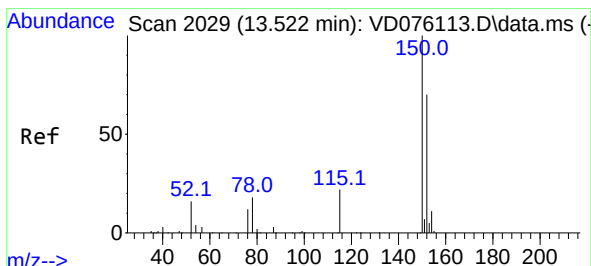
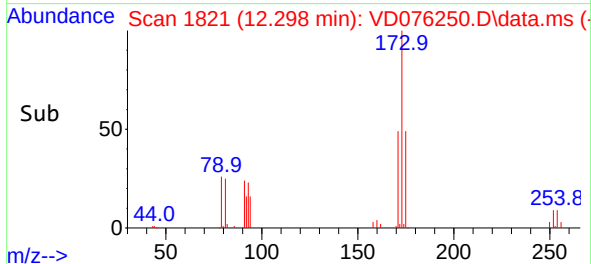
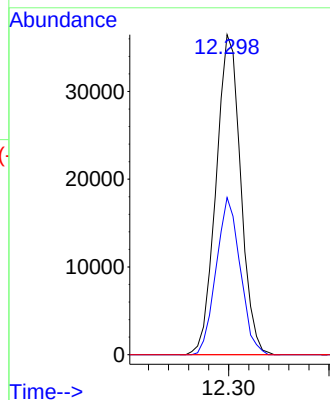
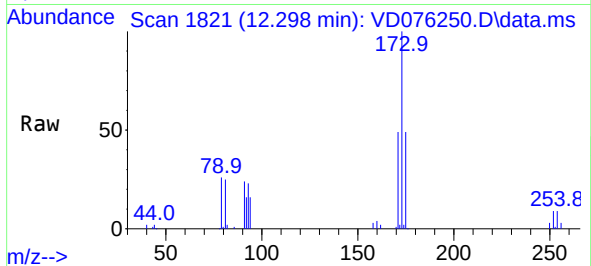




#71
Bromoform
Concen: 45.875 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD076250.D
Acq: 26 May 2023 10:11

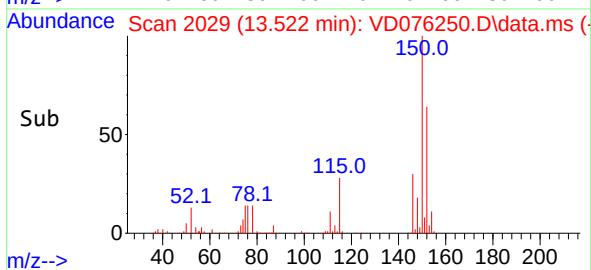
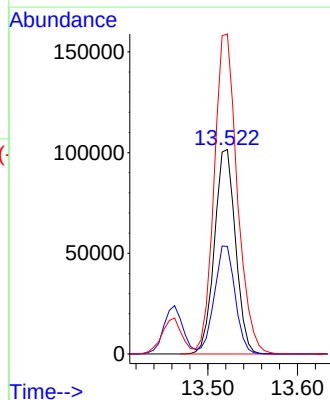
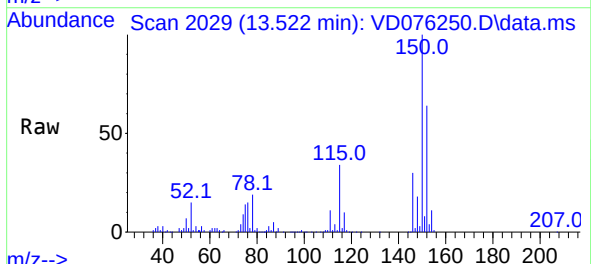
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

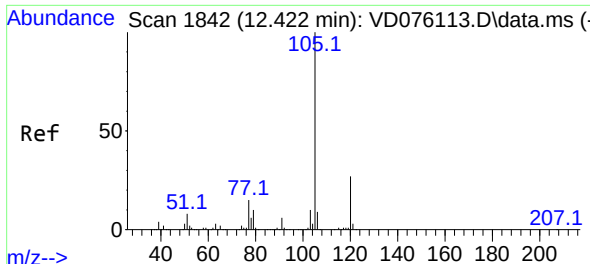
Tgt Ion:173 Resp: 62215
Ion Ratio Lower Upper
173 100
175 47.9 23.5 70.5
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD076250.D
Acq: 26 May 2023 10:11

Tgt Ion:152 Resp: 165766
Ion Ratio Lower Upper
152 100
115 52.0 30.1 90.3
150 171.4 0.0 364.8

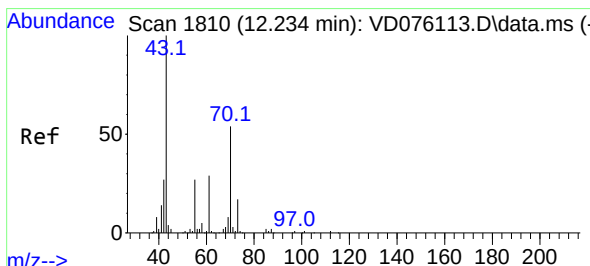
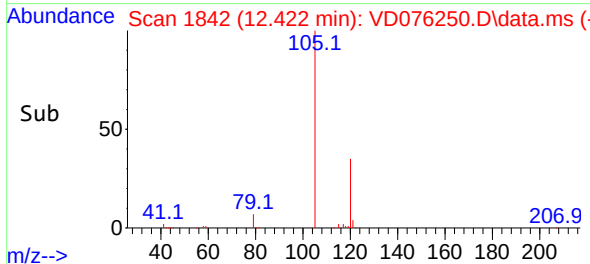
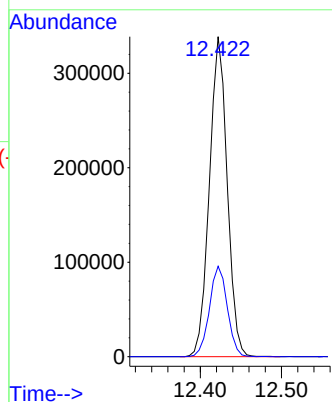
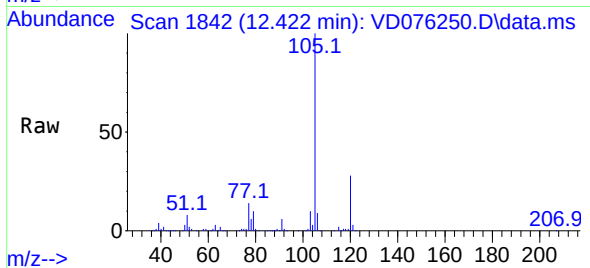




#73
Isopropylbenzene
Concen: 46.987 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD076250.D
Acq: 26 May 2023 10:11

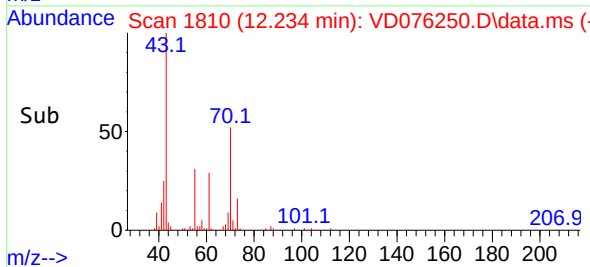
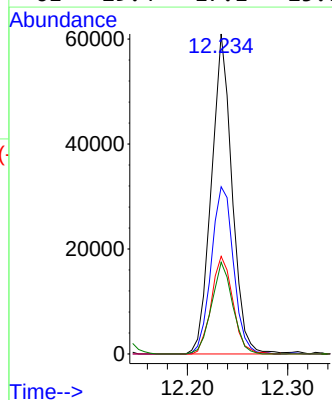
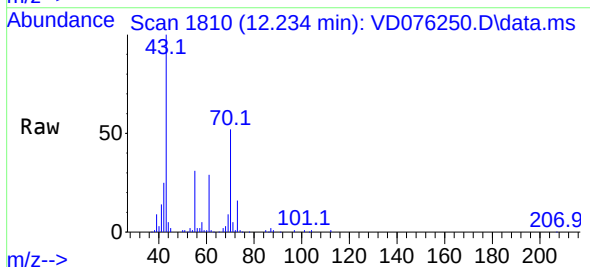
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

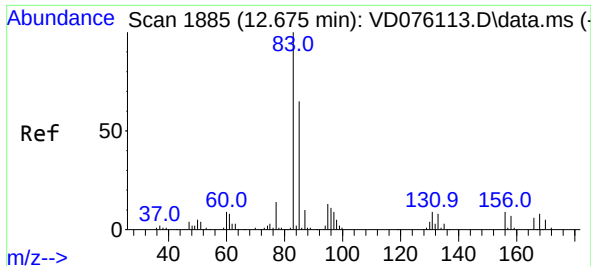
Tgt Ion:105 Resp: 515238
Ion Ratio Lower Upper
105 100
120 28.3 13.4 40.1



#74
N-ethyl acetate
Concen: 44.515 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD076250.D
Acq: 26 May 2023 10:11

Tgt Ion: 43 Resp: 86946
Ion Ratio Lower Upper
43 100
70 56.5 31.0 46.4#
55 31.8 18.6 28.0#
61 29.4 17.1 25.7#

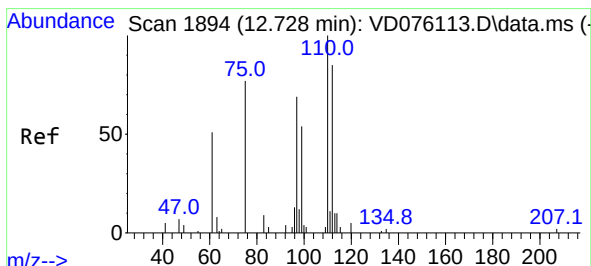
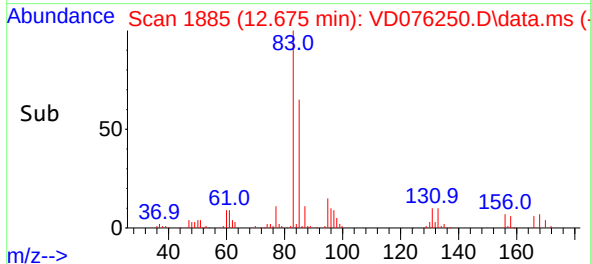
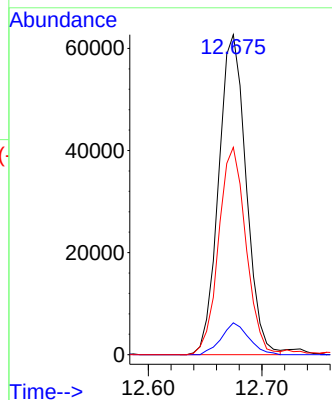
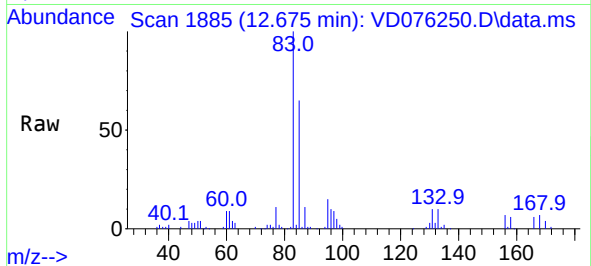




#75
1,1,2,2-Tetrachloroethane
Concen: 44.669 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD076250.D
Acq: 26 May 2023 10:11

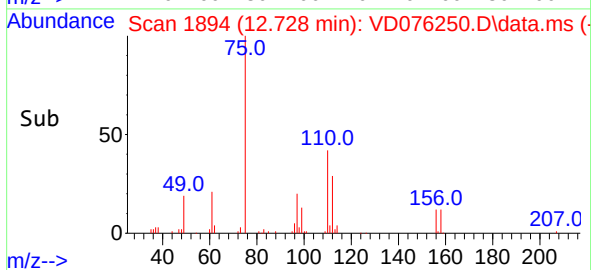
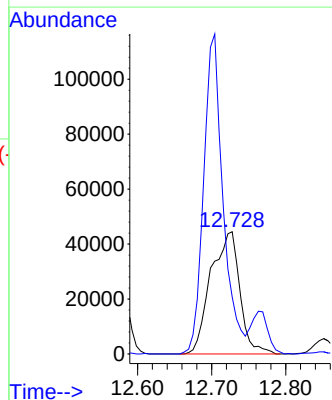
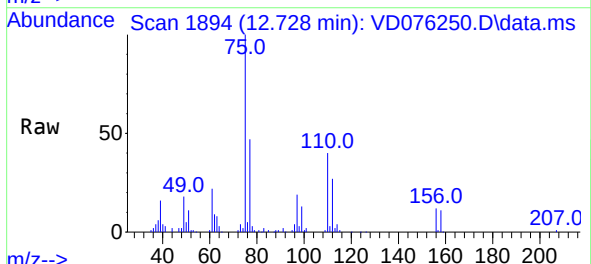
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

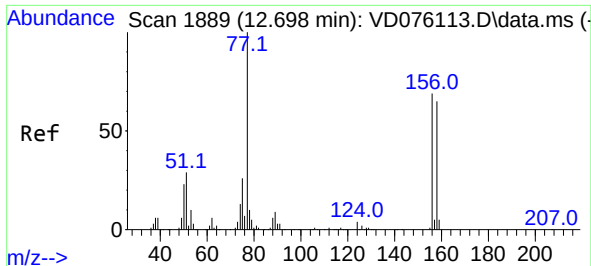
Tgt Ion: 83 Resp: 105275
Ion Ratio Lower Upper
83 100
131 9.9 5.1 15.2
85 64.5 33.6 100.6



#76
1,2,3-Trichloropropane
Concen: 83.312 ug/l
RT: 12.728 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VD076250.D
Acq: 26 May 2023 10:11

Tgt Ion: 75 Resp: 120852
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

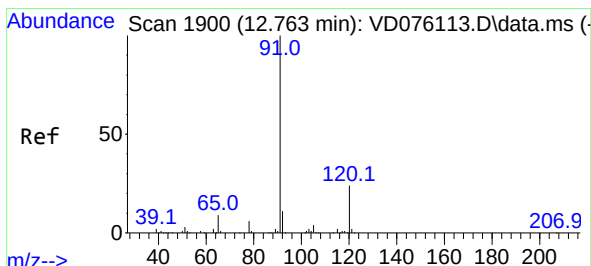
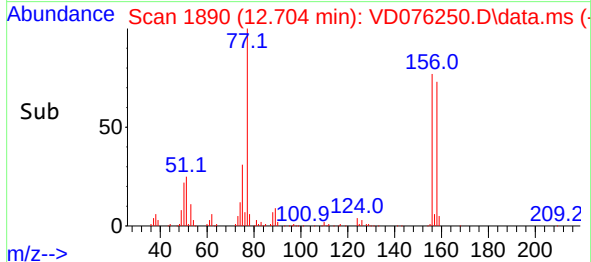
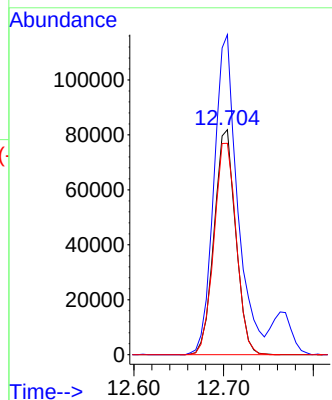
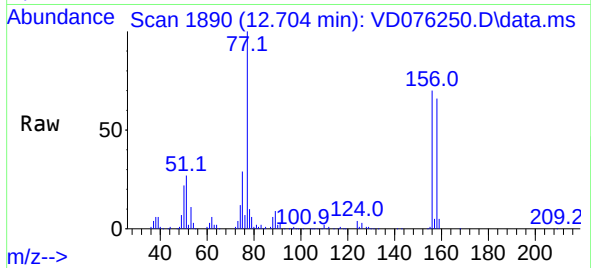




#77
Bromobenzene
Concen: 46.515 ug/l
RT: 12.704 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VD076250.D
Acq: 26 May 2023 10:11

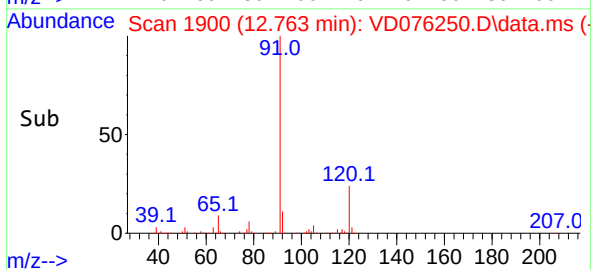
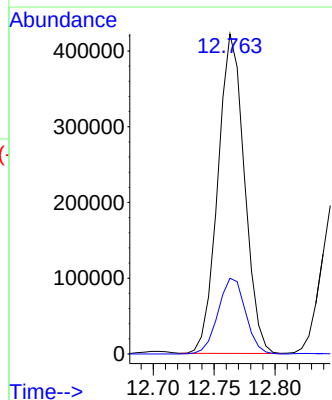
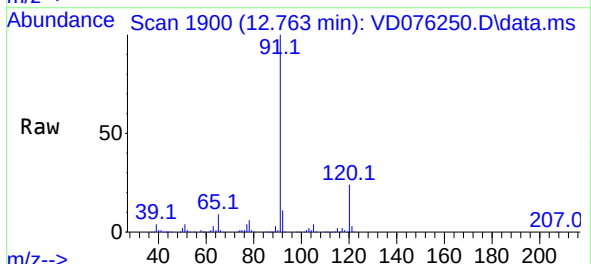
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

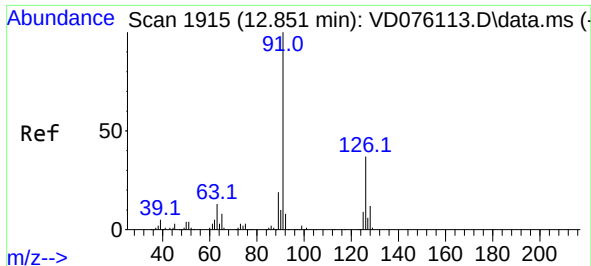
Tgt Ion:156 Resp: 136712
Ion Ratio Lower Upper
156 100
77 155.2 89.5 268.6
158 97.1 47.8 143.4



#78
n-propylbenzene
Concen: 46.941 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD076250.D
Acq: 26 May 2023 10:11

Tgt Ion: 91 Resp: 640698
Ion Ratio Lower Upper
91 100
120 24.5 11.4 34.2

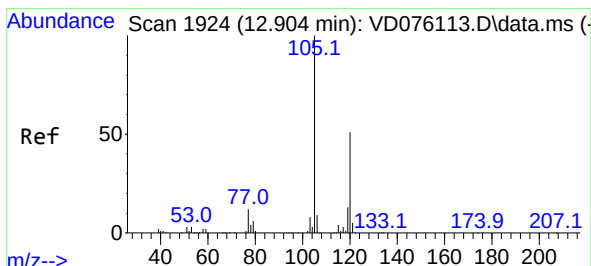
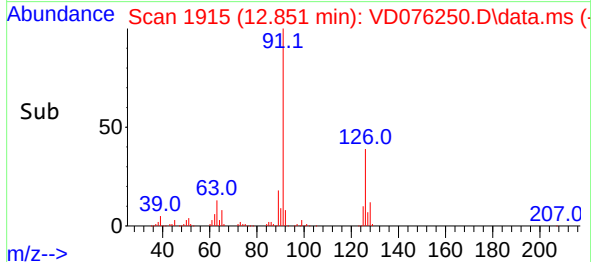
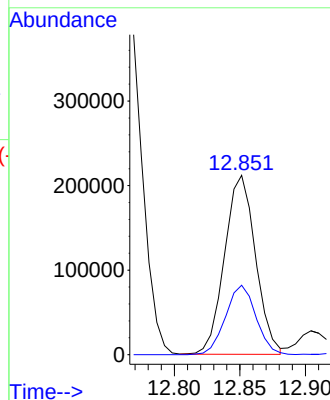
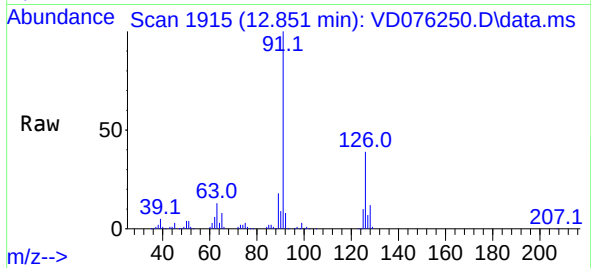




#79
2-Chlorotoluene
Concen: 46.069 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD076250.D
Acq: 26 May 2023 10:11

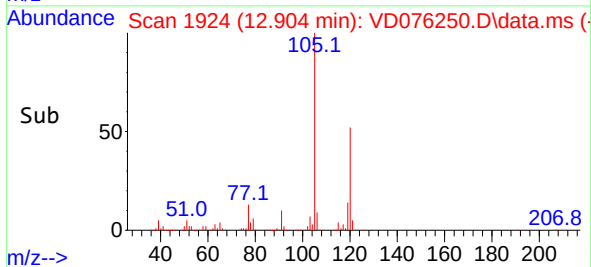
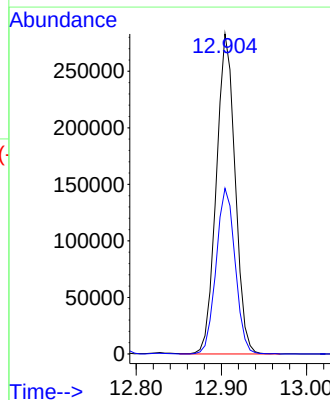
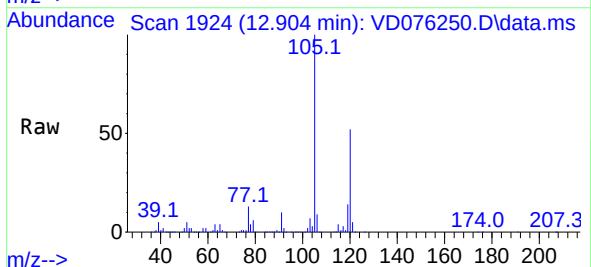
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

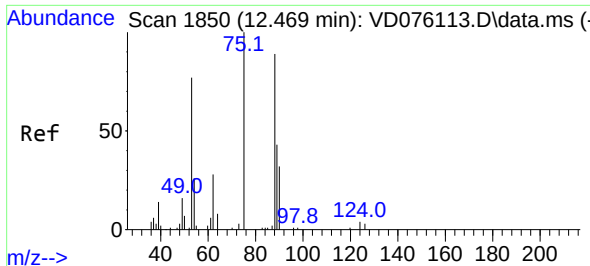
Tgt Ion: 91 Resp: 348008
Ion Ratio Lower Upper
91 100
126 38.2 16.8 50.3



#80
1,3,5-Trimethylbenzene
Concen: 47.853 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD076250.D
Acq: 26 May 2023 10:11

Tgt Ion: 105 Resp: 435007
Ion Ratio Lower Upper
105 100
120 52.2 24.3 72.8

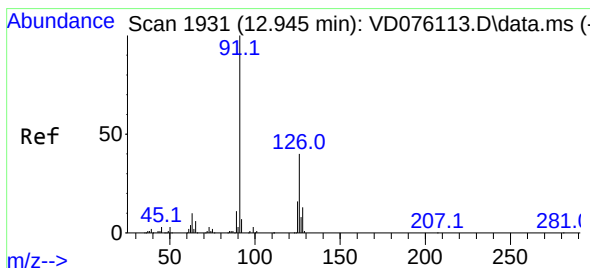
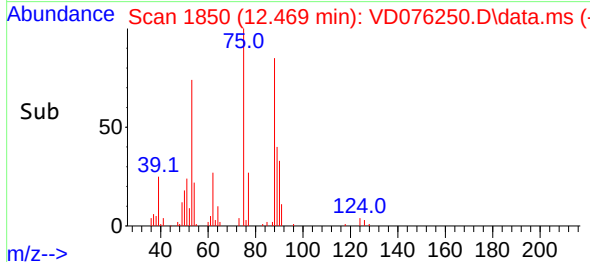
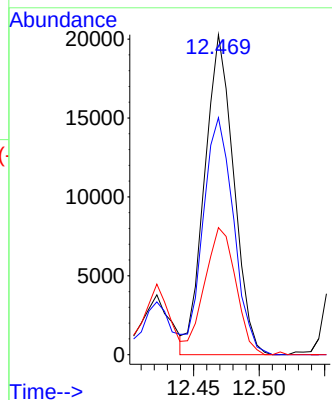
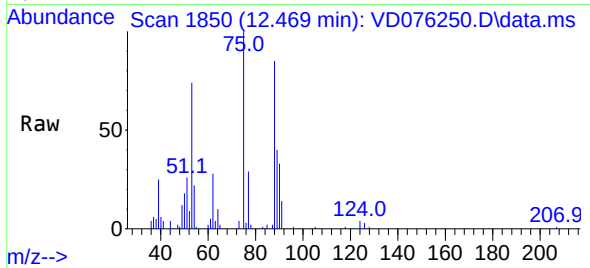




#81
trans-1,4-Dichloro-2-butene
Concen: 45.350 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VD076250.D
Acq: 26 May 2023 10:11

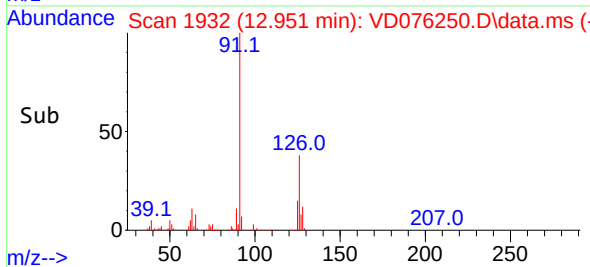
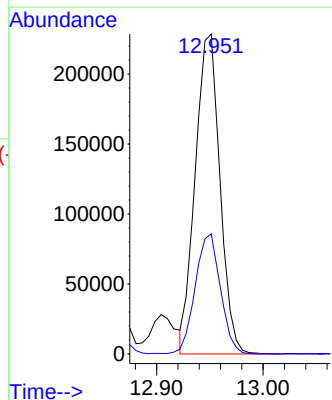
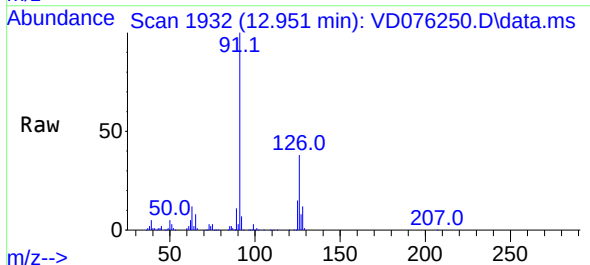
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

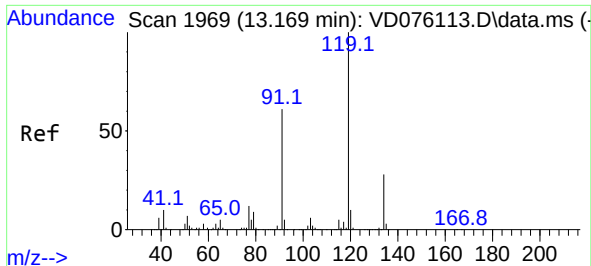
Tgt Ion: 75 Resp: 31358
Ion Ratio Lower Upper
75 100
53 77.8 90.5 135.7#
89 42.7 40.2 60.4



#82
4-Chlorotoluene
Concen: 45.837 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.000 min
Lab File: VD076250.D
Acq: 26 May 2023 10:11

Tgt Ion: 91 Resp: 368308
Ion Ratio Lower Upper
91 100
126 38.3 17.1 51.2

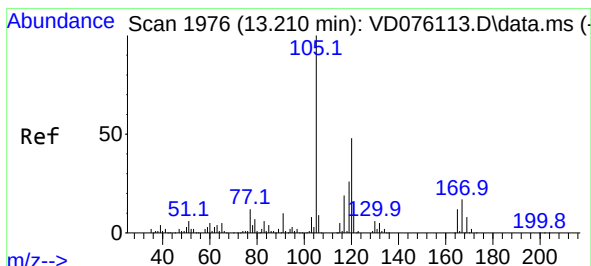
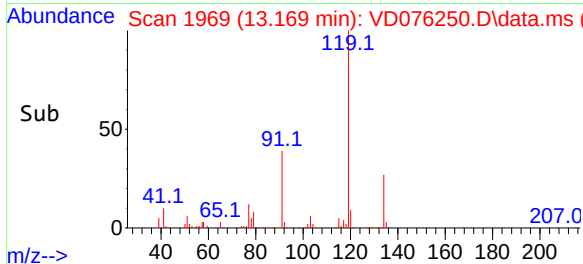
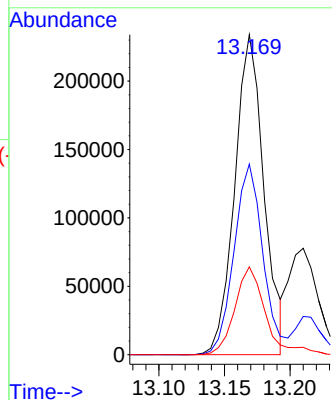
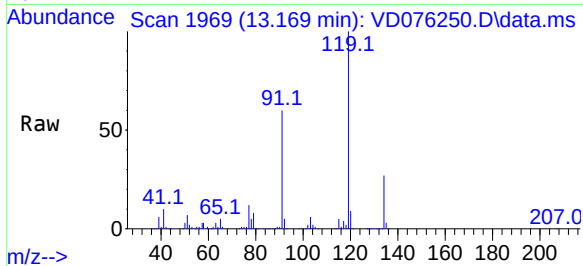




#83
tert-Butylbenzene
Concen: 47.175 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD076250.D
Acq: 26 May 2023 10:11

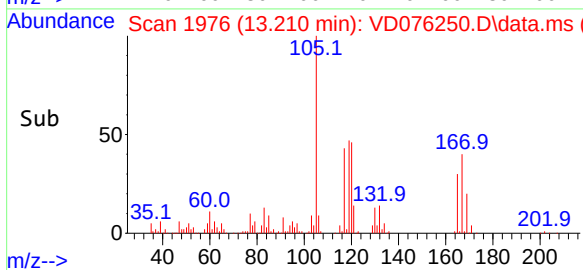
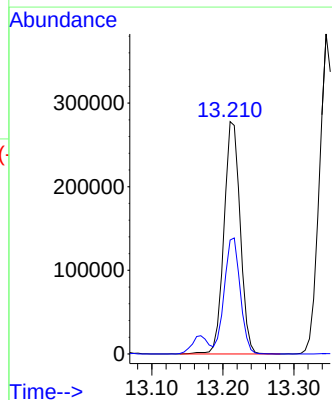
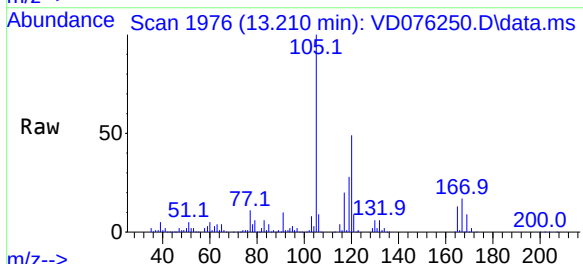
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

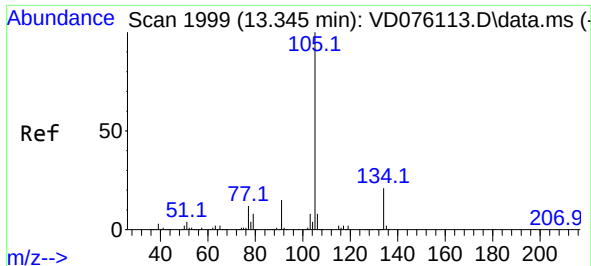
Tgt Ion:119 Resp: 362419
Ion Ratio Lower Upper
119 100
91 59.6 32.4 97.0
134 28.8 13.0 39.0



#84
1,2,4-Trimethylbenzene
Concen: 48.415 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.006 min
Lab File: VD076250.D
Acq: 26 May 2023 10:11

Tgt Ion:105 Resp: 438303
Ion Ratio Lower Upper
105 100
120 49.0 22.3 66.9

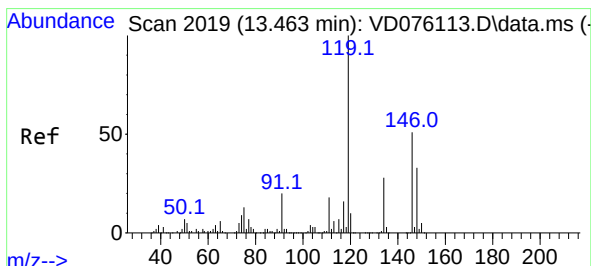
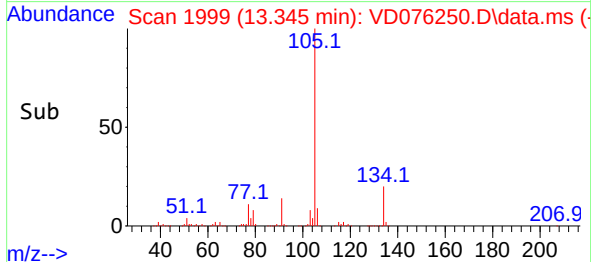
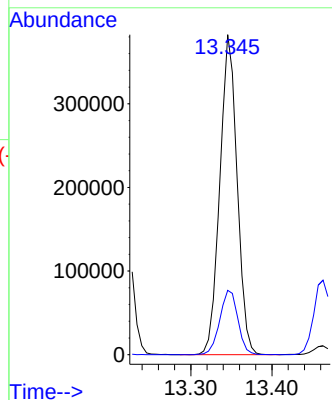
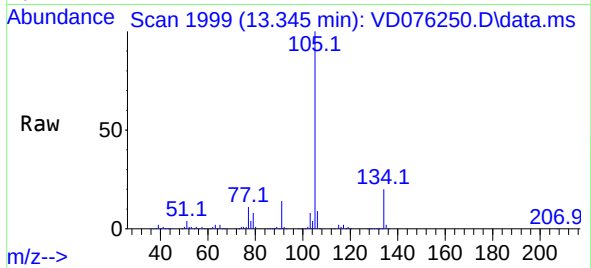




#85
sec-Butylbenzene
Concen: 47.353 ug/l
RT: 13.345 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VD076250.D
Acq: 26 May 2023 10:11

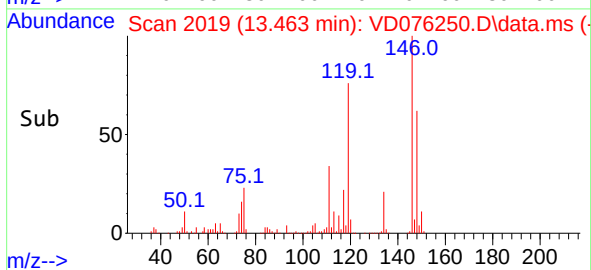
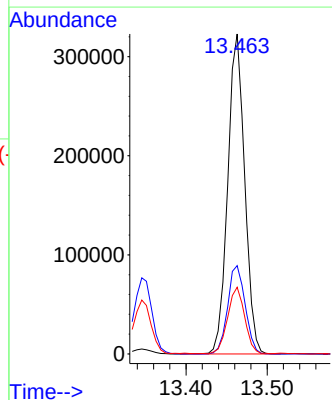
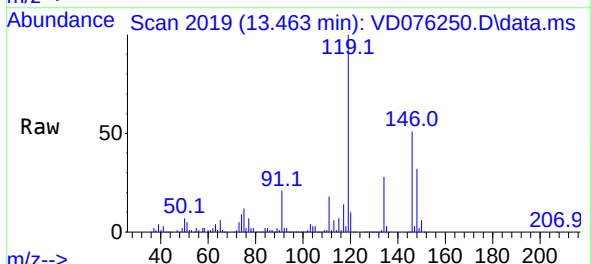
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

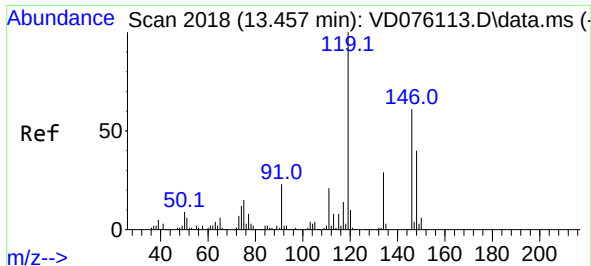
Tgt Ion:105 Resp: 566947
Ion Ratio Lower Upper
105 100
134 21.0 9.9 29.7



#86
p-Isopropyltoluene
Concen: 47.831 ug/l
RT: 13.463 min Scan# 2019
Delta R.T. 0.000 min
Lab File: VD076250.D
Acq: 26 May 2023 10:11

Tgt Ion:119 Resp: 468587
Ion Ratio Lower Upper
119 100
134 28.5 13.1 39.3
91 20.9 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 46.823 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.006 min

Lab File: VD076250.D

Acq: 26 May 2023 10:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

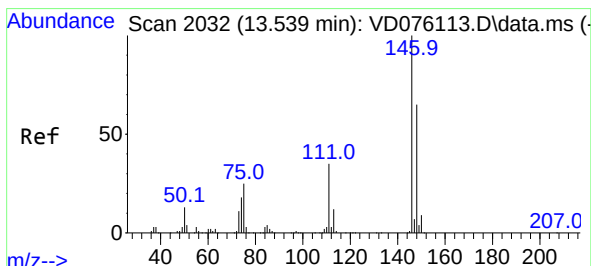
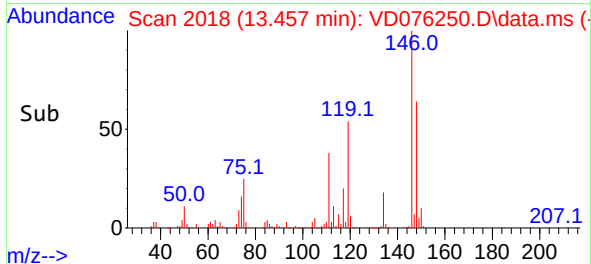
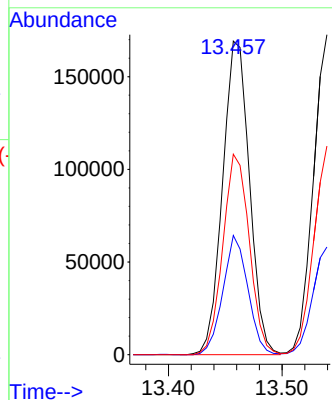
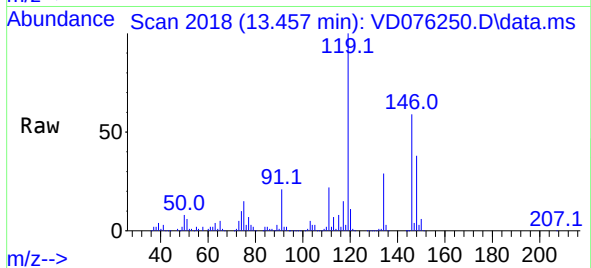
Tgt Ion:146 Resp: 278245

Ion Ratio Lower Upper

146 100

111 35.4 19.8 59.3

148 63.2 31.0 93.0



#88

1,4-Dichlorobenzene

Concen: 46.408 ug/l

RT: 13.539 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VD076250.D

Acq: 26 May 2023 10:11

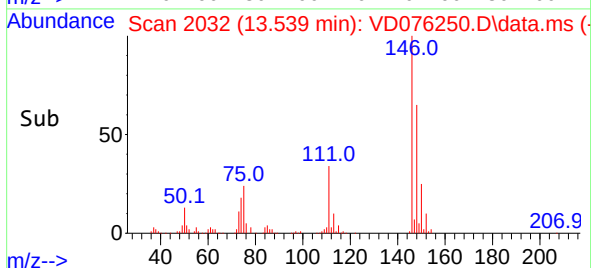
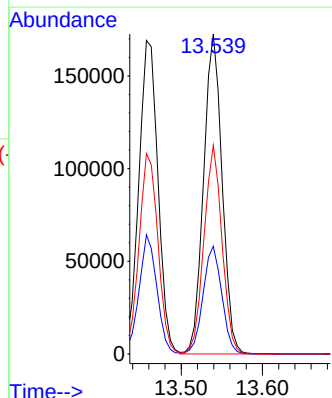
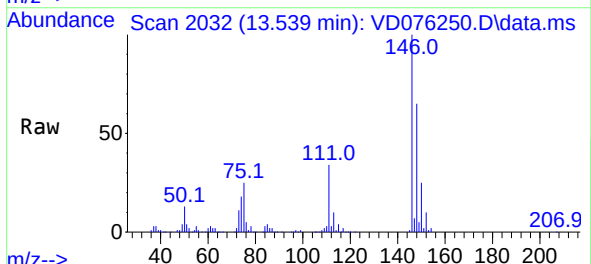
Tgt Ion:146 Resp: 273069

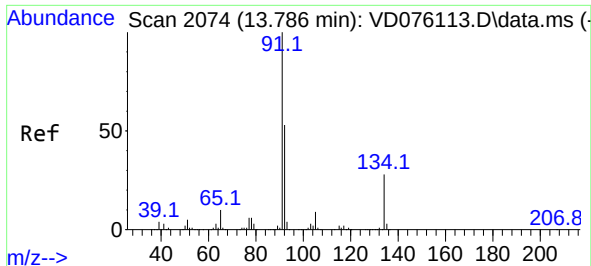
Ion Ratio Lower Upper

146 100

111 34.1 19.6 58.8

148 63.8 31.7 95.1

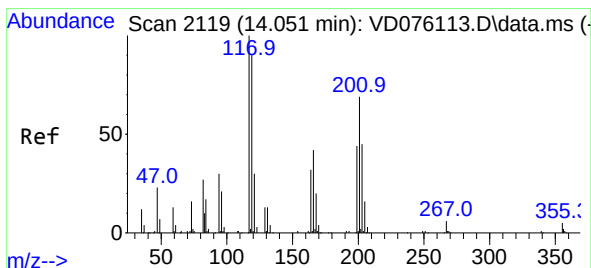
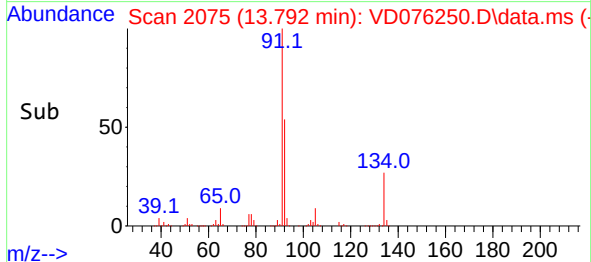
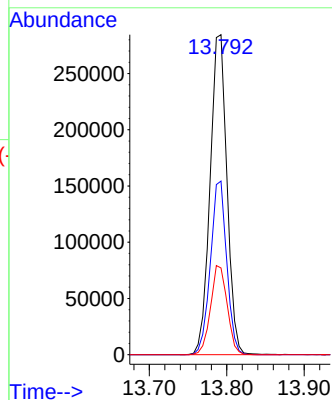
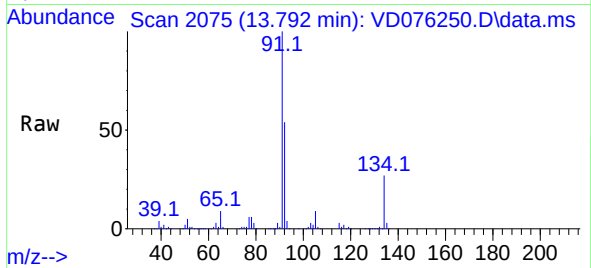




#89
n-Butylbenzene
Concen: 46.572 ug/l
RT: 13.792 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD076250.D
Acq: 26 May 2023 10:11

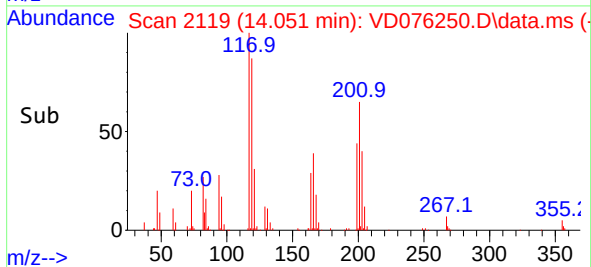
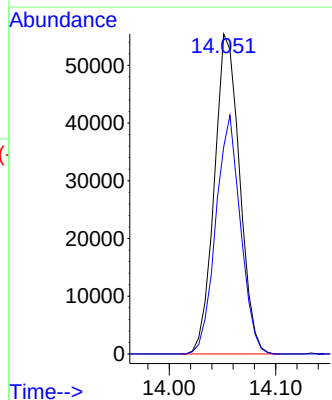
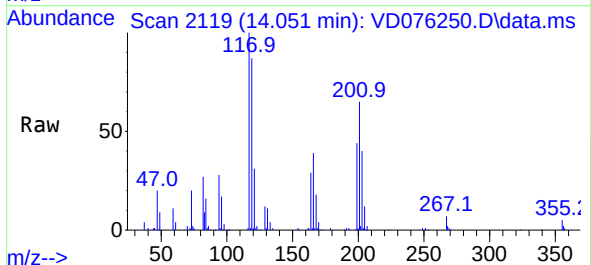
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

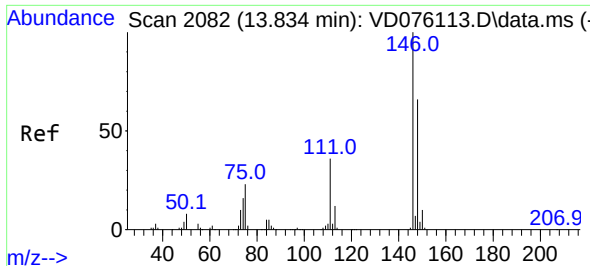
Tgt Ion: 91 Resp: 429962
Ion Ratio Lower Upper
91 100
92 52.4 26.2 78.5
134 27.4 12.7 38.0



#90
Hexachloroethane
Concen: 45.385 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. -0.006 min
Lab File: VD076250.D
Acq: 26 May 2023 10:11

Tgt Ion: 117 Resp: 91458
Ion Ratio Lower Upper
117 100
201 72.7 34.5 103.6

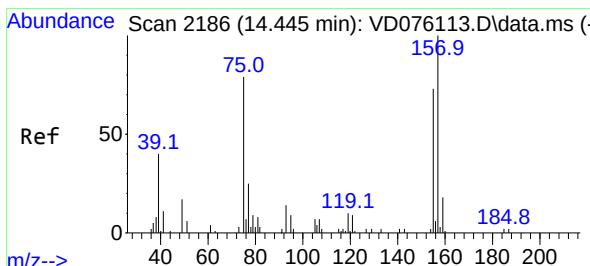
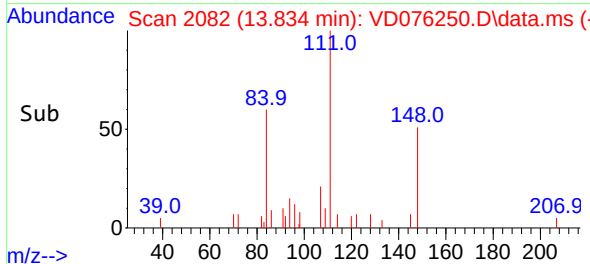
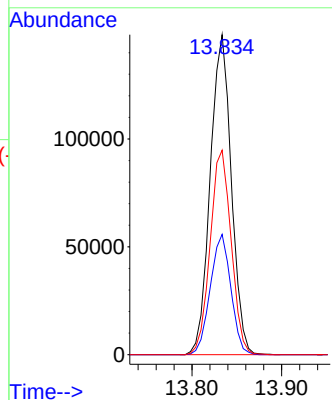
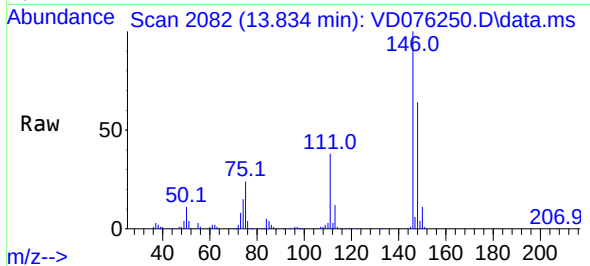




#91
1,2-Dichlorobenzene
Concen: 46.405 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VD076250.D
Acq: 26 May 2023 10:11

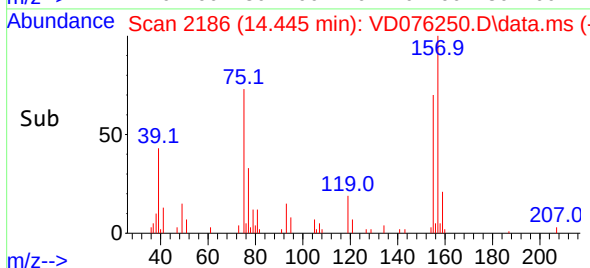
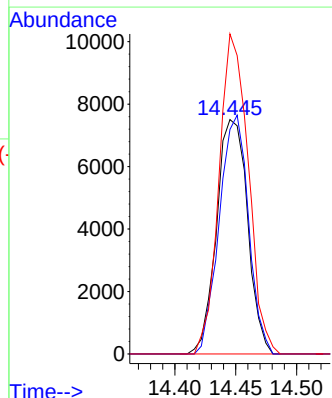
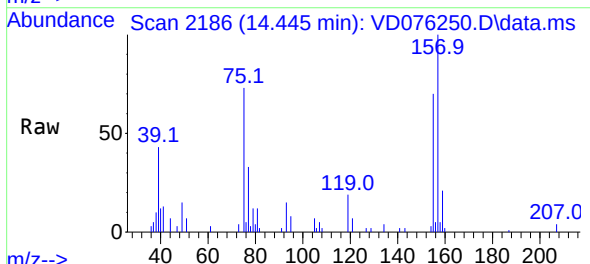
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

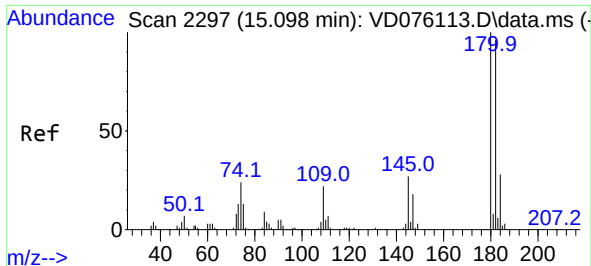
Tgt Ion:146 Resp: 242000
Ion Ratio Lower Upper
146 100
111 36.7 20.6 61.8
148 63.7 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 43.430 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VD076250.D
Acq: 26 May 2023 10:11

Tgt Ion: 75 Resp: 13290
Ion Ratio Lower Upper
75 100
155 95.9 39.5 118.5
157 129.0 53.5 160.7

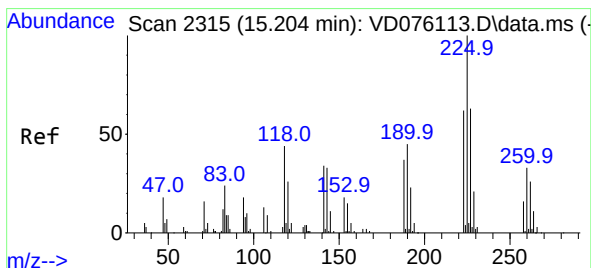
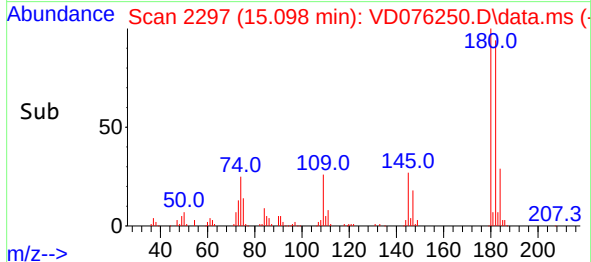
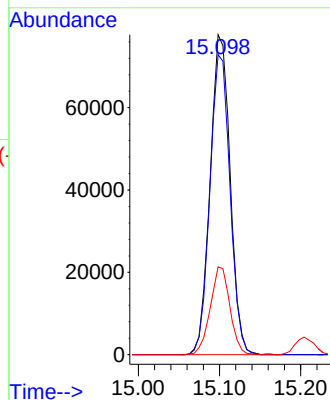
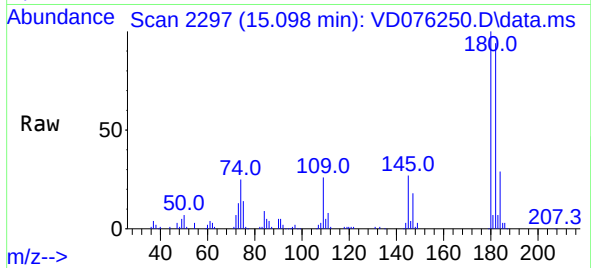




#93
1,2,4-Trichlorobenzene
Concen: 43.891 ug/l
RT: 15.098 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD076250.D
Acq: 26 May 2023 10:11

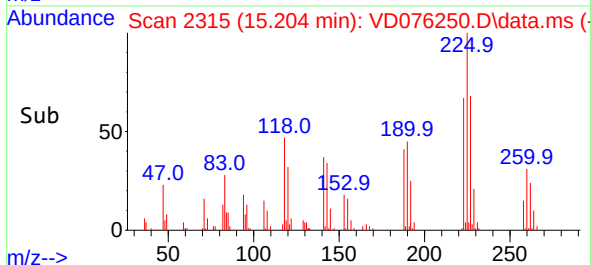
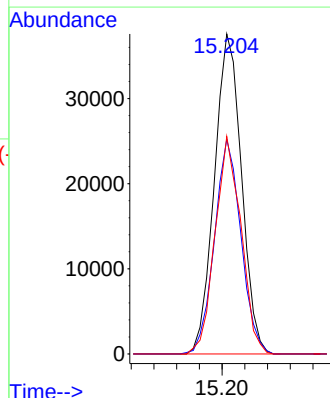
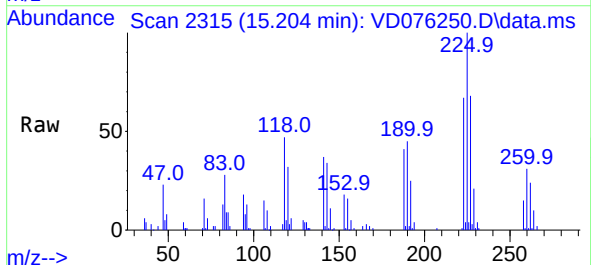
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

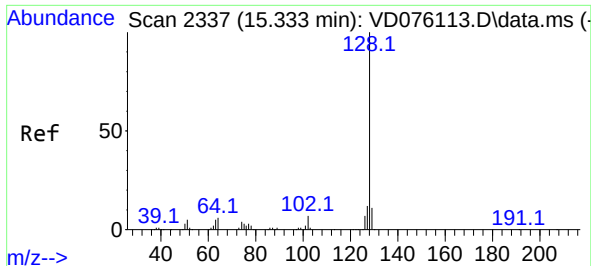
Tgt Ion:180 Resp: 133142
Ion Ratio Lower Upper
180 100
182 94.0 47.9 143.7
145 26.9 15.9 47.7



#94
Hexachlorobutadiene
Concen: 40.190 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. 0.000 min
Lab File: VD076250.D
Acq: 26 May 2023 10:11

Tgt Ion:225 Resp: 62160
Ion Ratio Lower Upper
225 100
223 65.8 33.1 99.2
227 65.0 31.9 95.9

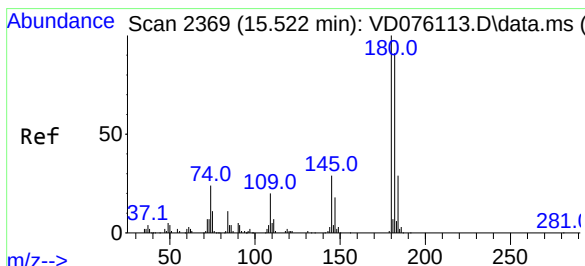
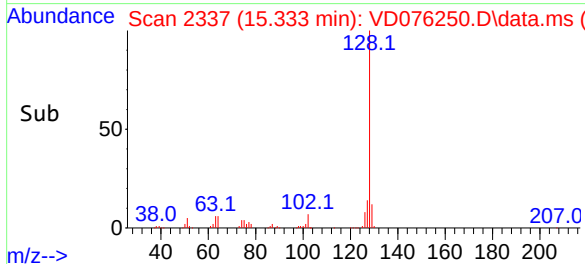
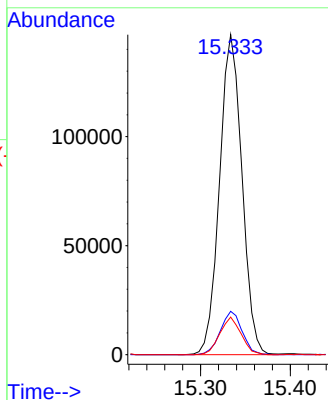
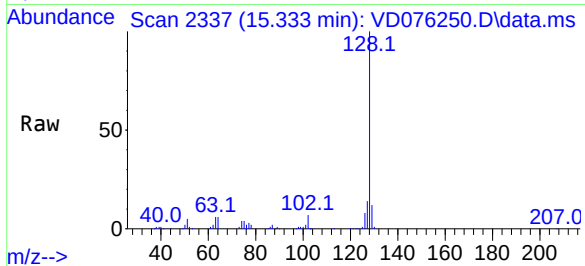




#95
Naphthalene
Concen: 45.169 ug/l
RT: 15.333 min Scan# 21
Delta R.T. -0.001 min
Lab File: VD076250.D
Acq: 26 May 2023 10:11

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:	128	Resp:	254588
Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.4	15.6
129	11.2	8.8	13.2



#96
1,2,3-Trichlorobenzene
Concen: 42.957 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.006 min
Lab File: VD076250.D
Acq: 26 May 2023 10:11

Tgt Ion:	180	Resp:	118511
Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.7	143.1
145	29.8	16.4	49.4

