

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111122\
 Data File : VD074881.D
 Acq On : 11 Nov 2022 09:50
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 14 01:31:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 14 00:51:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	152546	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	248732	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	225763	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	96551	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	60300	60.766	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.540%	
35) Dibromofluoromethane	7.805	113	75155	49.016	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.040%	
50) Toluene-d8	10.269	98	273201	54.092	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.180%	
62) 4-Bromofluorobenzene	12.575	95	76997	49.647	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 99.300%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	53672	52.771	ug/l	92
3) Chloromethane	2.146	50	93265	59.006	ug/l	93
4) Vinyl Chloride	2.281	62	108781	50.857	ug/l	99
5) Bromomethane	2.687	94	83061	51.744	ug/l	94
6) Chloroethane	2.828	64	81728	52.031	ug/l	98
7) Trichlorofluoromethane	3.175	101	126889	52.065	ug/l	97
8) Diethyl Ether	3.593	74	38450	55.026	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.964	101	82771	53.221	ug/l	98
10) Methyl Iodide	4.158	142	85912	46.789	ug/l	99
11) Tert butyl alcohol	5.046	59	19447	265.387	ug/l #	92
12) 1,1-Dichloroethene	3.940	96	80663	53.246	ug/l	93
13) Acrolein	3.793	56	20463	512.210	ug/l	95
14) Allyl chloride	4.558	41	83187	51.337	ug/l	94
15) Acrylonitrile	5.252	53	76855	281.453	ug/l	99
16) Acetone	4.017	43	76104	302.207	ug/l	98
17) Carbon Disulfide	4.264	76	231968	53.826	ug/l	97
18) Methyl Acetate	4.558	43	35290	53.848	ug/l	99
19) Methyl tert-butyl Ether	5.311	73	173513	57.209	ug/l	100
20) Methylene Chloride	4.799	84	116369	56.026	ug/l	91
21) trans-1,2-Dichloroethene	5.311	96	91800	53.437	ug/l	91
22) Diisopropyl ether	6.216	45	207794	57.534	ug/l	97
23) Vinyl Acetate	6.152	43	497013	320.625	ug/l	98
24) 1,1-Dichloroethane	6.105	63	147208	54.578	ug/l	98
25) 2-Butanone	7.081	43	93805	284.855	ug/l	93
26) 2,2-Dichloropropane	7.075	77	131948	52.056	ug/l	99
27) cis-1,2-Dichloroethene	7.081	96	105988	55.612	ug/l	99
28) Bromochloromethane	7.422	49	47712	54.831	ug/l	96
29) Tetrahydrofuran	7.446	42	52728	289.269	ug/l	98
30) Chloroform	7.593	83	162908	55.151	ug/l	98
31) Cyclohexane	7.875	56	116927	52.576	ug/l	98
32) 1,1,1-Trichloroethane	7.793	97	140087	55.029	ug/l	97
36) 1,1-Dichloropropene	8.005	75	121005	53.699	ug/l	99
37) Ethyl Acetate	7.163	43	39586	52.353	ug/l	98
38) Carbon Tetrachloride	7.993	117	113529	53.523	ug/l	95
39) Methylcyclohexane	9.275	83	140428	58.171	ug/l	98
40) Benzene	8.252	78	361086	55.727	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	16169	40.318	ug/l #	67
42) 1,2-Dichloroethane	8.322	62	86447	55.748	ug/l	99
43) Isopropyl Acetate	8.358	43	74680	56.076	ug/l	97
44) Trichloroethene	9.028	130	98880	57.762	ug/l	99
45) 1,2-Dichloropropane	9.305	63	85081	58.439	ug/l	100
46) Dibromomethane	9.393	93	48902	59.977	ug/l	96
47) Bromodichloromethane	9.581	83	121170	59.880	ug/l	97
48) Methyl methacrylate	9.381	41	35209	59.682	ug/l	97
49) 1,4-Dioxane	9.387	88	10157	1269.512	ug/l	92
51) 4-Methyl-2-Pentanone	10.157	43	199940	314.920	ug/l	97
52) Toluene	10.334	92	236347	61.006	ug/l	99
53) t-1,3-Dichloropropene	10.552	75	109733	61.387	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	134606	61.402	ug/l	98
55) 1,1,2-Trichloroethane	10.734	97	69427	61.238	ug/l	96
56) Ethyl methacrylate	10.599	69	77413	56.138	ug/l	96
57) 1,3-Dichloropropane	10.881	76	111872	61.378	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	133051	275.245	ug/l	98
59) 2-Hexanone	10.922	43	142082	321.021	ug/l	99
60) Dibromochloromethane	11.075	129	84561	62.874	ug/l	100
61) 1,2-Dibromoethane	11.181	107	64642	60.966	ug/l	97
64) Tetrachloroethene	10.810	164	85674	56.599	ug/l	97
65) Chlorobenzene	11.604	112	246013	55.703	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	89087	57.571	ug/l	98
67) Ethyl Benzene	11.687	91	441163	57.336	ug/l	99
68) m/p-Xylenes	11.793	106	330098	107.600	ug/l	99
69) o-Xylene	12.122	106	142838	50.607	ug/l	98
70) Styrene	12.134	104	255387	52.785	ug/l	99
71) Bromoform	12.298	173	39771	49.660	ug/l #	96
73) Isopropylbenzene	12.422	105	378429	56.945	ug/l	100
74) N-amyl acetate	12.234	43	64011	58.544	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.675	83	66315	56.414	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	77885	96.446	ug/l #	1
77) Bromobenzene	12.698	156	87523	56.279	ug/l	96
78) n-propylbenzene	12.763	91	464694	56.886	ug/l	99
79) 2-Chlorotoluene	12.846	91	249290	56.637	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	314526	56.802	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	19210	58.519	ug/l	99
82) 4-Chlorotoluene	12.946	91	261892	57.137	ug/l	97
83) tert-Butylbenzene	13.169	119	270666	56.334	ug/l	100
84) 1,2,4-Trimethylbenzene	13.210	105	314556	57.437	ug/l	99
85) sec-Butylbenzene	13.345	105	414695	56.742	ug/l	100
86) p-Isopropyltoluene	13.463	119	346613	57.036	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	179209	55.396	ug/l	100
88) 1,4-Dichlorobenzene	13.540	146	175437	54.640	ug/l	99
89) n-Butylbenzene	13.787	91	324952	57.595	ug/l	98
90) Hexachloroethane	14.051	117	60694	55.764	ug/l	93
91) 1,2-Dichlorobenzene	13.834	146	155564	56.548	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	9322	57.518	ug/l	85
93) 1,2,4-Trichlorobenzene	15.098	180	93212	55.664	ug/l	99
94) Hexachlorobutadiene	15.204	225	46440	53.764	ug/l	99
95) Naphthalene	15.334	128	178955	57.578	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	82143	56.724	ug/l	99

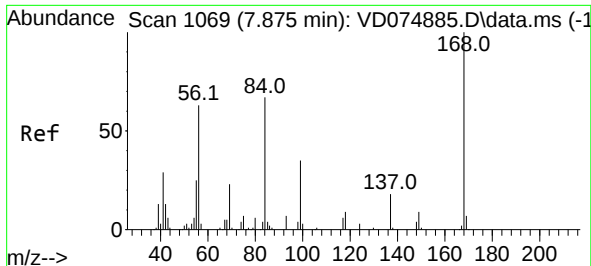
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Response via : Initial Calibration

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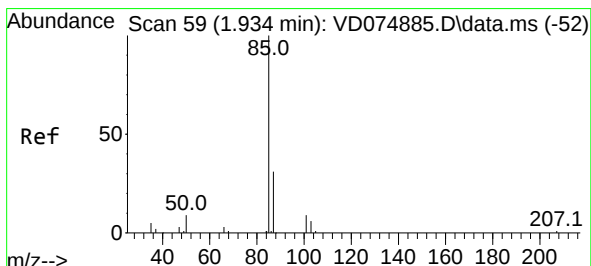
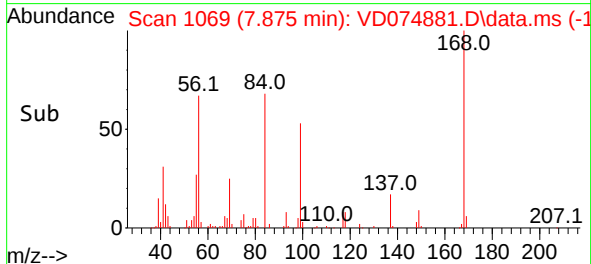
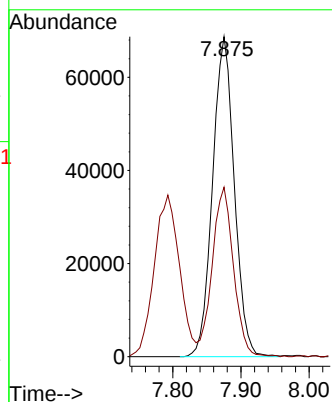
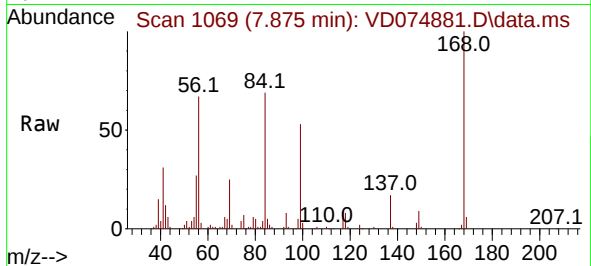
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074881.D
Acq: 11 Nov 2022 09:50

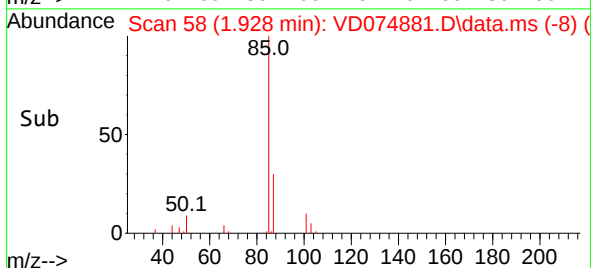
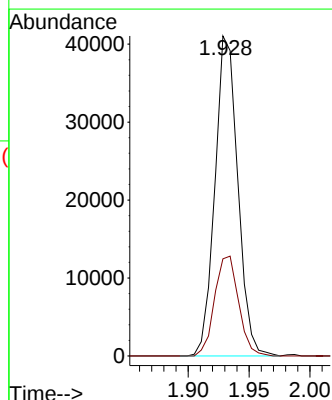
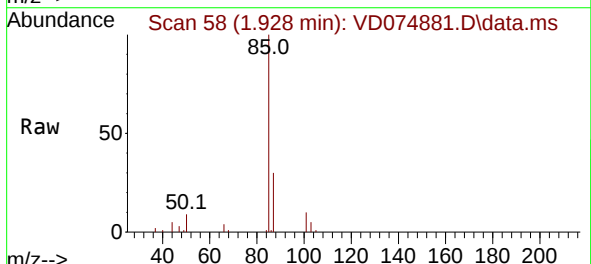
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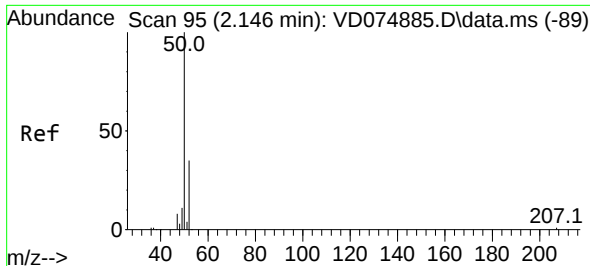
Tgt Ion:168 Resp: 152546
Ion Ratio Lower Upper
168 100
99 52.9 40.9 61.3



#2
Dichlorodifluoromethane
Concen: 52.771 ug/l
RT: 1.928 min Scan# 58
Delta R.T. -0.006 min
Lab File: VD074881.D
Acq: 11 Nov 2022 09:50

Tgt Ion: 85 Resp: 53672
Ion Ratio Lower Upper
85 100
87 30.3 17.5 52.6

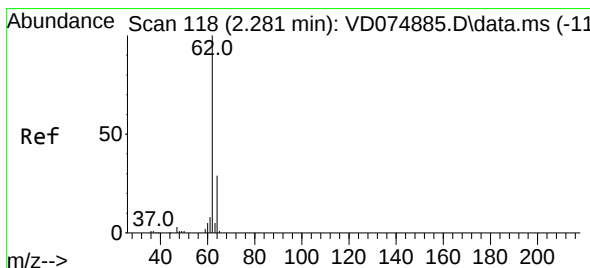
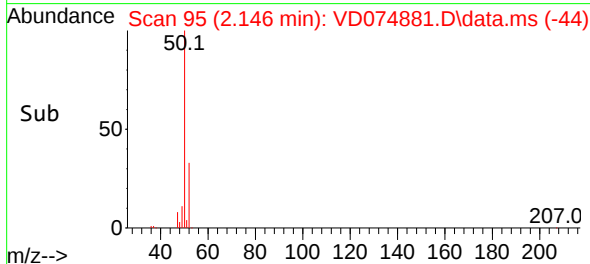
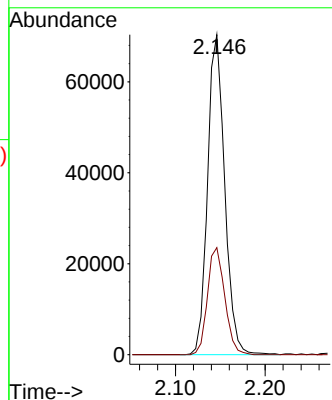
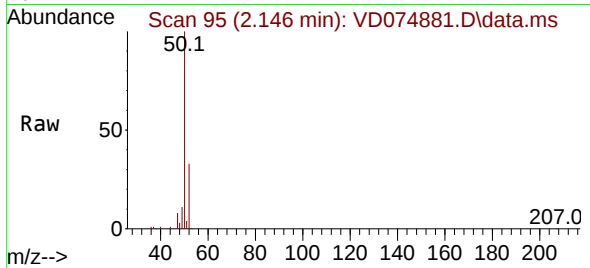




#3
Chloromethane
Concen: 59.006 ug/l
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD074881.D
Acq: 11 Nov 2022 09:50

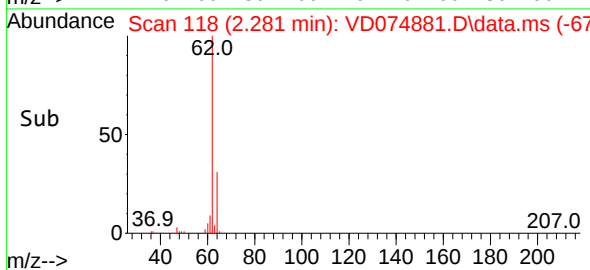
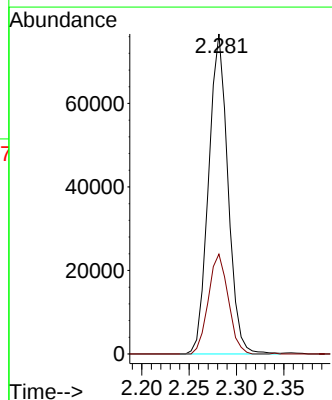
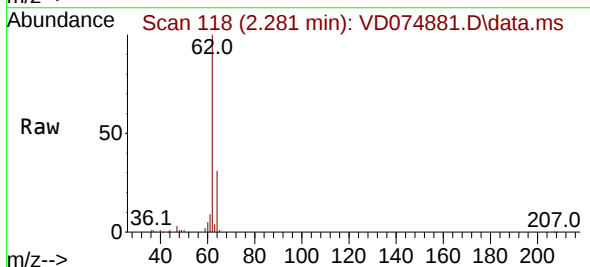
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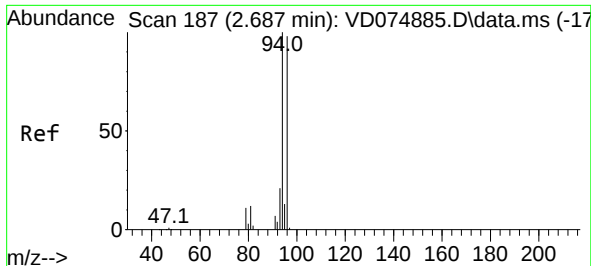
Tgt Ion: 50 Resp: 93265
Ion Ratio Lower Upper
50 100
52 33.5 30.0 45.0



#4
Vinyl Chloride
Concen: 50.857 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD074881.D
Acq: 11 Nov 2022 09:50

Tgt Ion: 62 Resp: 108781
Ion Ratio Lower Upper
62 100
64 31.2 25.5 38.3

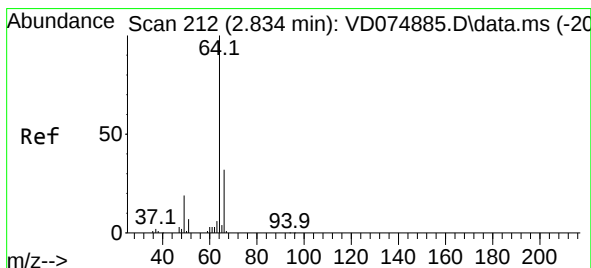
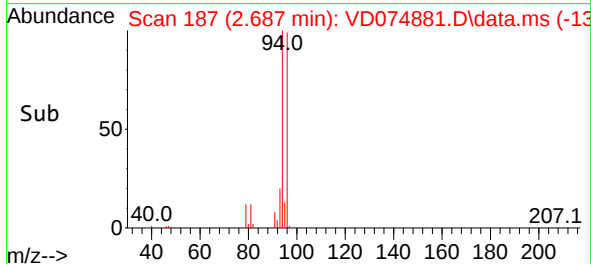
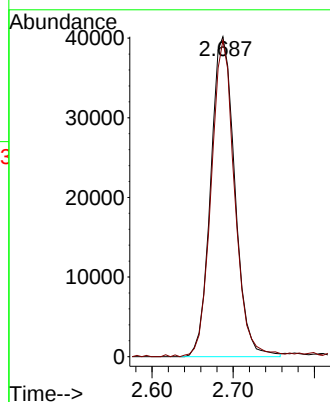
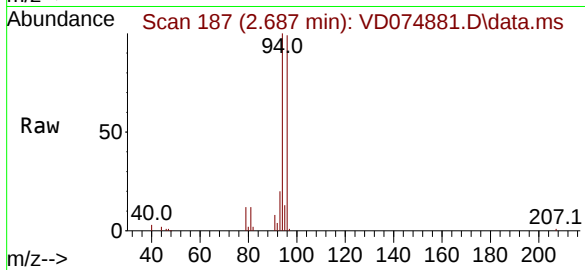




#5
Bromomethane
Concen: 51.744 ug/l
RT: 2.687 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD074881.D
Acq: 11 Nov 2022 09:50

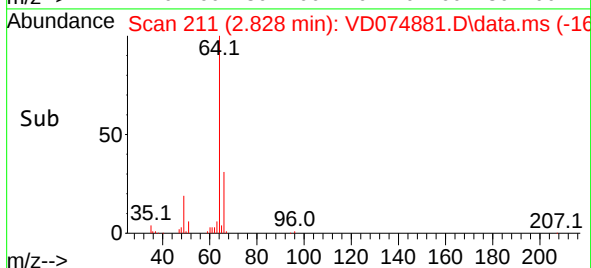
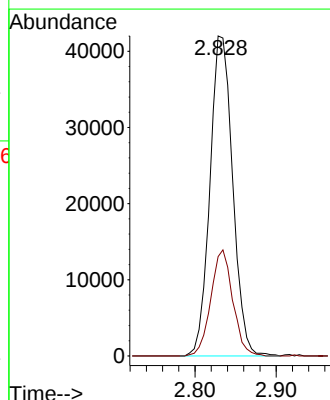
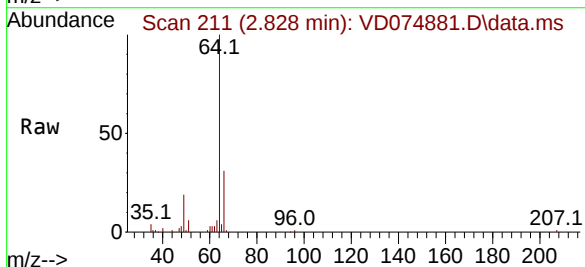
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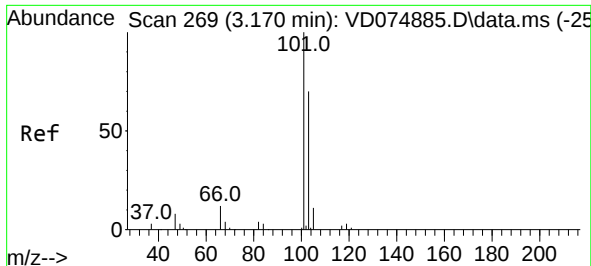
Tgt Ion: 94 Resp: 83061
Ion Ratio Lower Upper
94 100
96 98.8 74.6 112.0



#6
Chloroethane
Concen: 52.031 ug/l
RT: 2.828 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD074881.D
Acq: 11 Nov 2022 09:50

Tgt Ion: 64 Resp: 81728
Ion Ratio Lower Upper
64 100
66 31.1 25.8 38.8

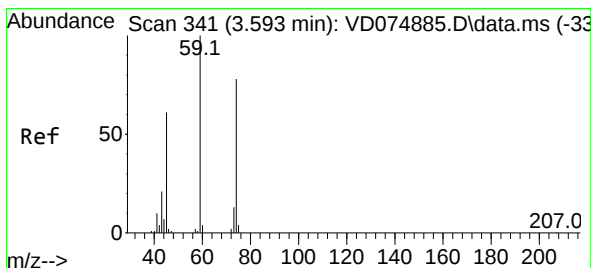
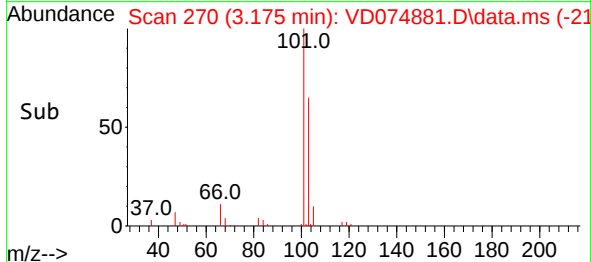
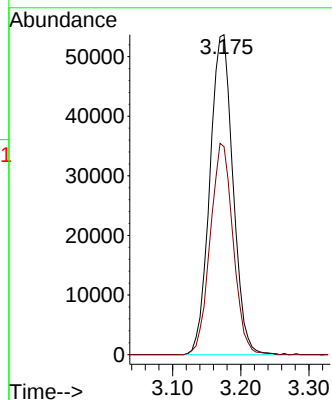
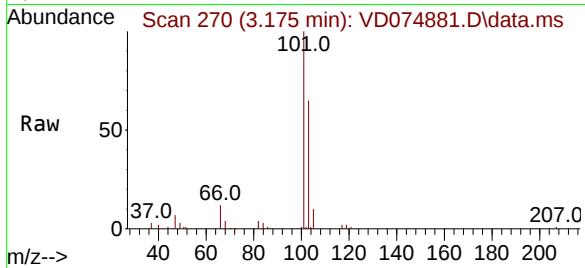




#7
Trichlorofluoromethane
Concen: 52.065 ug/l
RT: 3.175 min Scan# 21
Delta R.T. 0.005 min
Lab File: VD074881.D
Acq: 11 Nov 2022 09:50

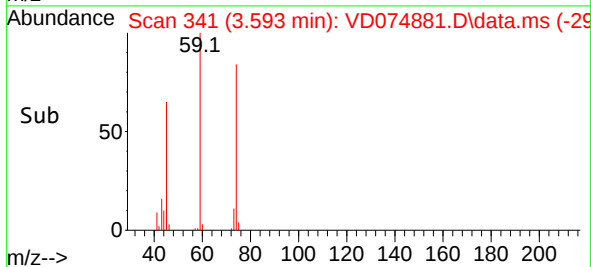
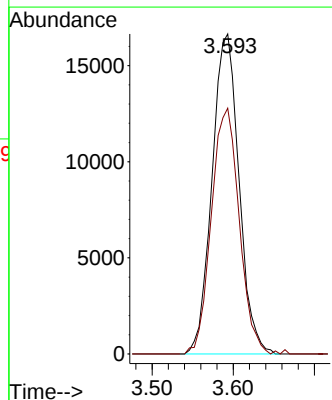
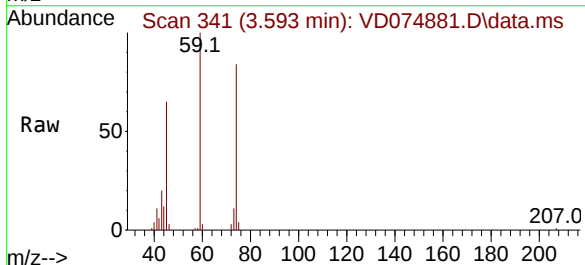
Instrument :
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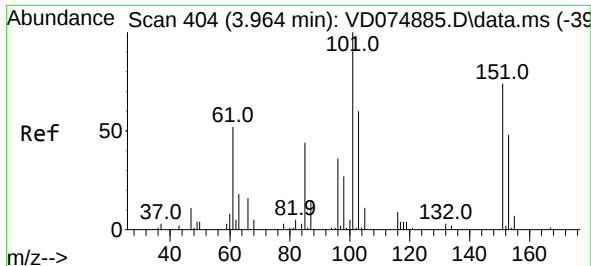
Tgt Ion:101 Resp: 126889
Ion Ratio Lower Upper
101 100
103 65.0 49.8 74.8



#8
Diethyl Ether
Concen: 55.026 ug/l
RT: 3.593 min Scan# 341
Delta R.T. 0.000 min
Lab File: VD074881.D
Acq: 11 Nov 2022 09:50

Tgt Ion: 74 Resp: 38450
Ion Ratio Lower Upper
74 100
45 79.1 37.9 113.6

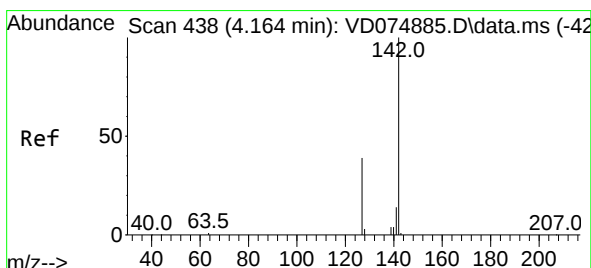
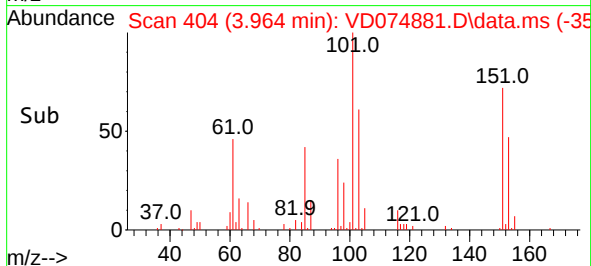
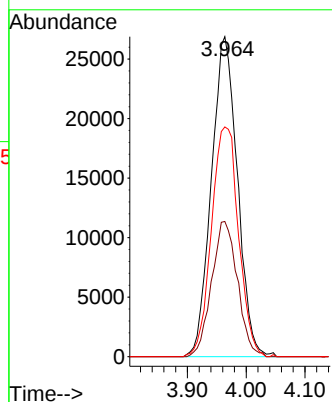
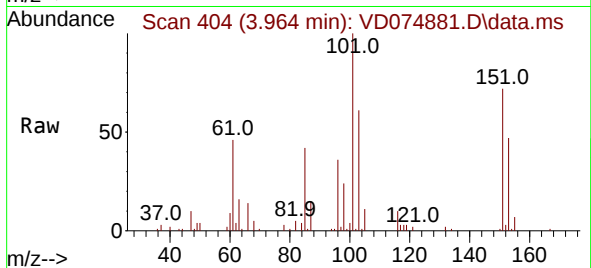




#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.221 ug/l
RT: 3.964 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD074881.D
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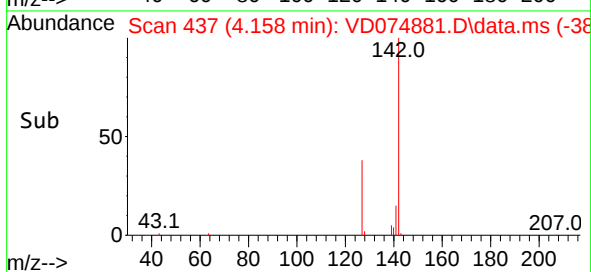
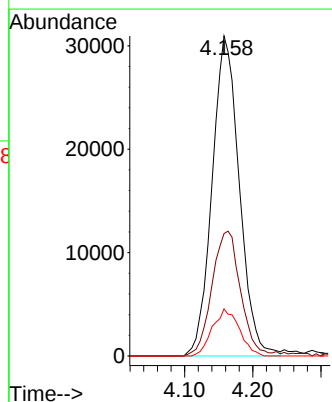
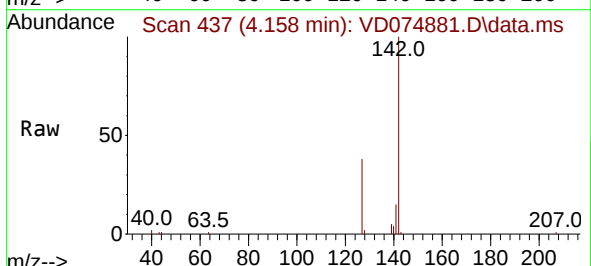
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

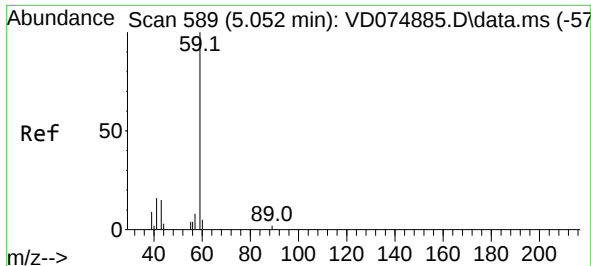
Tgt Ion:101 Resp: 82771
Ion Ratio Lower Upper
101 100
85 42.0 34.1 51.1
151 74.6 61.7 92.5



#10
Methyl Iodide
Concen: 46.789 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.006 min
Lab File: VD074881.D
Acq: 11 Nov 2022 09:50

Tgt Ion:142 Resp: 85912
Ion Ratio Lower Upper
142 100
127 40.8 31.9 47.9
141 14.5 11.4 17.2

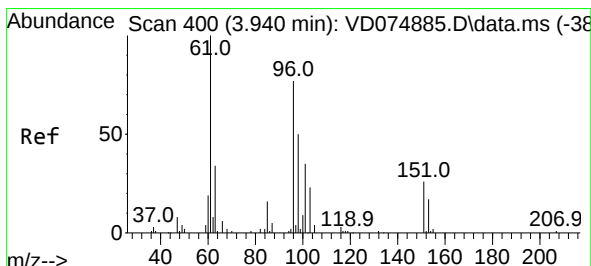
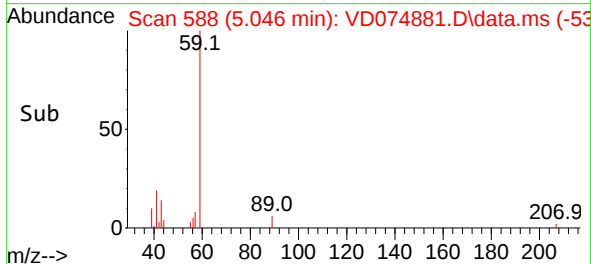
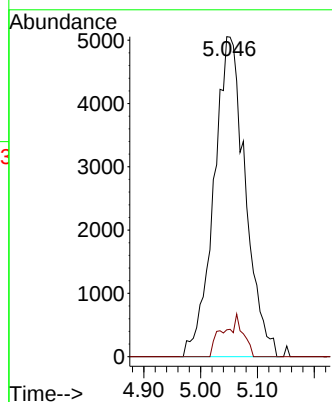
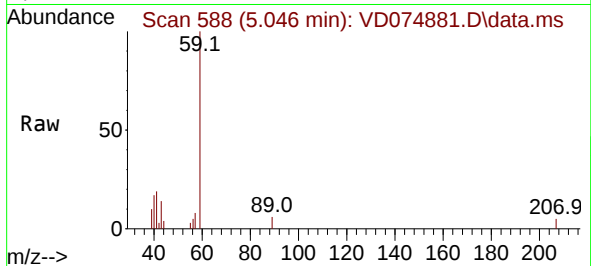




#11
Tert butyl alcohol
Concen: 265.387 ug/l
RT: 5.046 min Scan# 51
Delta R.T. -0.006 min
Lab File: VD074881.D
Acq: 11 Nov 2022 09:50

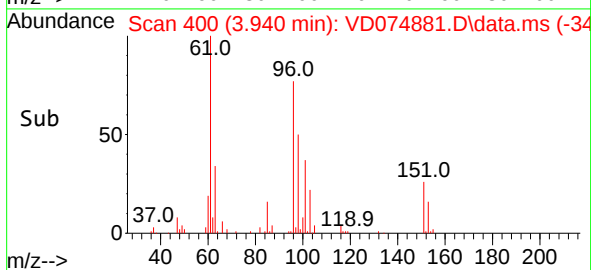
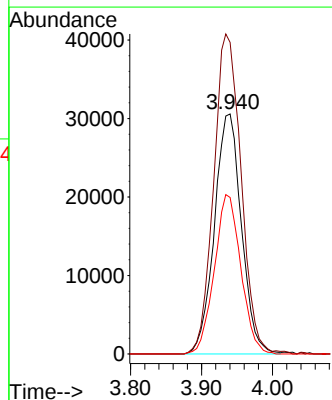
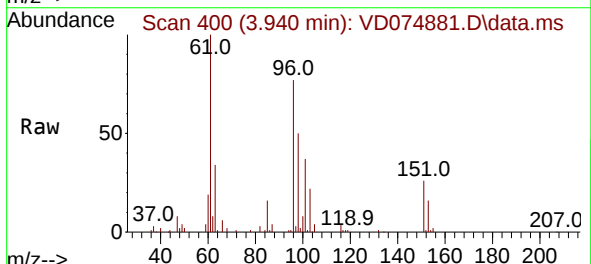
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

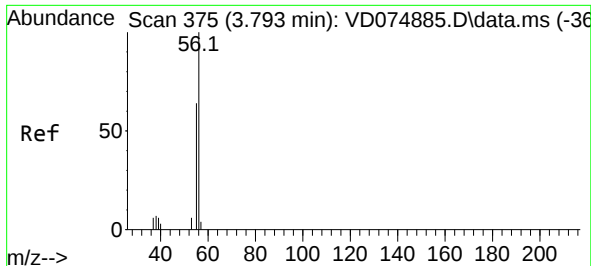
Tgt Ion: 59 Resp: 19447
Ion Ratio Lower Upper
59 100
57 8.3 4.4 6.6#



#12
1,1-Dichloroethene
Concen: 53.246 ug/l
RT: 3.940 min Scan# 400
Delta R.T. 0.000 min
Lab File: VD074881.D
Acq: 11 Nov 2022 09:50

Tgt Ion: 96 Resp: 80663
Ion Ratio Lower Upper
96 100
61 129.8 113.9 170.9
98 65.2 51.8 77.8





#13

Acrolein

Concen: 512.210 ug/l

RT: 3.793 min Scan# 31

Delta R.T. 0.000 min

Lab File: VD074881.D

Acq: 11 Nov 2022 09:50

Instrument :

MSVOA_D

ClientSampleId :

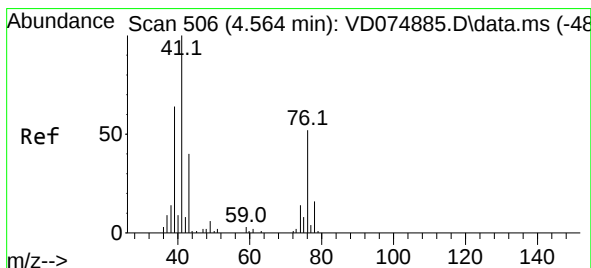
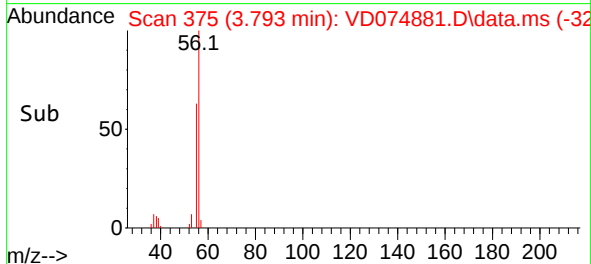
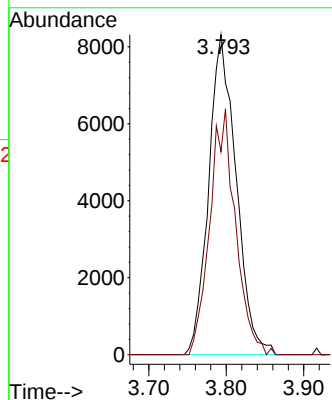
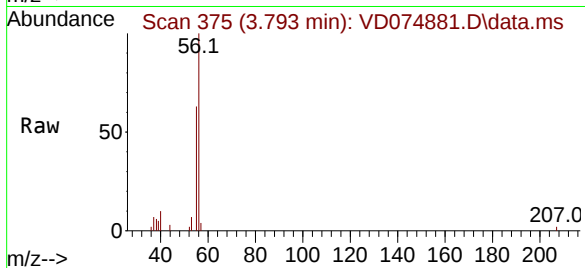
VSTDCCC050

Tgt Ion: 56 Resp: 20463

Ion Ratio Lower Upper

56 100

55 71.8 54.0 81.0



#14

Allyl chloride

Concen: 51.337 ug/l

RT: 4.558 min Scan# 505

Delta R.T. -0.006 min

Lab File: VD074881.D

Acq: 11 Nov 2022 09:50

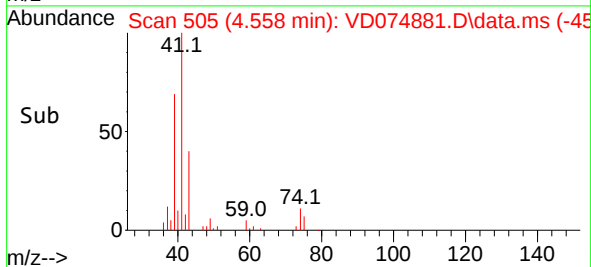
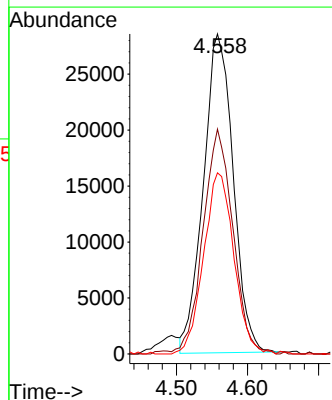
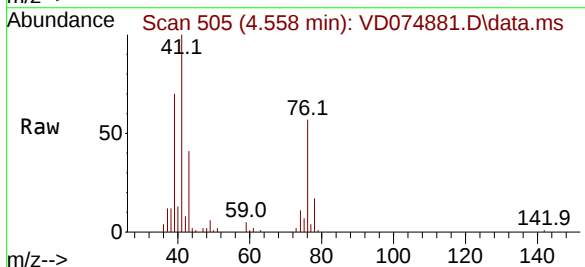
Tgt Ion: 41 Resp: 83187

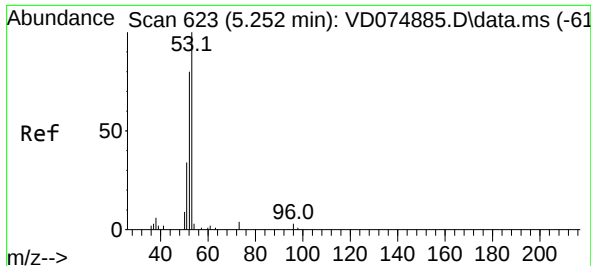
Ion Ratio Lower Upper

41 100

39 70.9 53.4 80.2

76 57.6 42.4 63.6

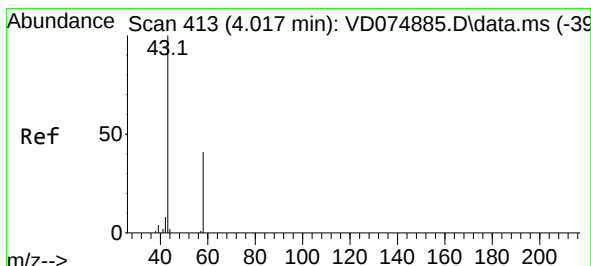
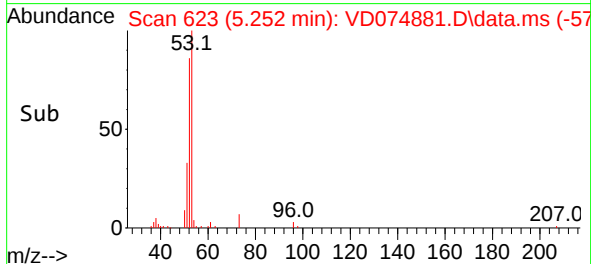
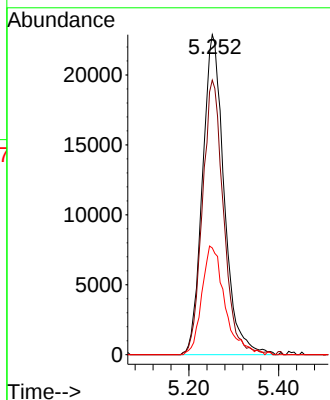
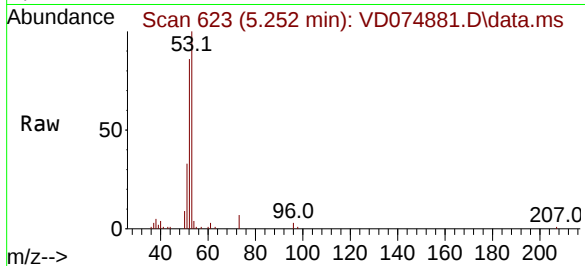




#15
Acrylonitrile
Concen: 281.453 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD074881.D
Acq: 11 Nov 2022 09:50

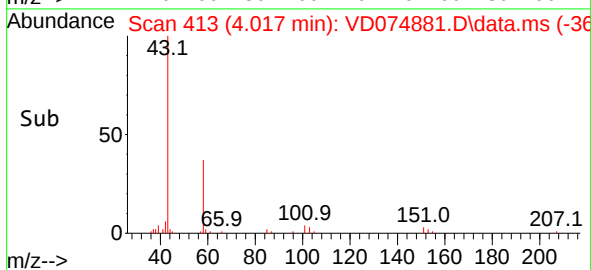
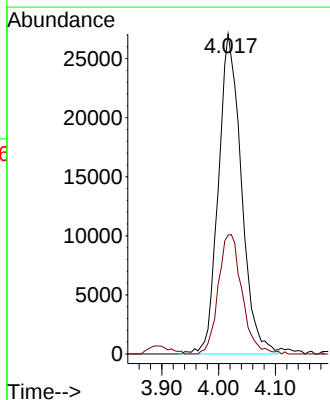
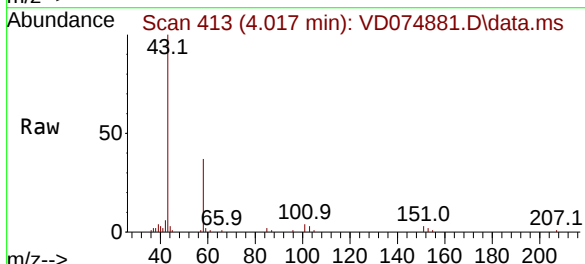
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

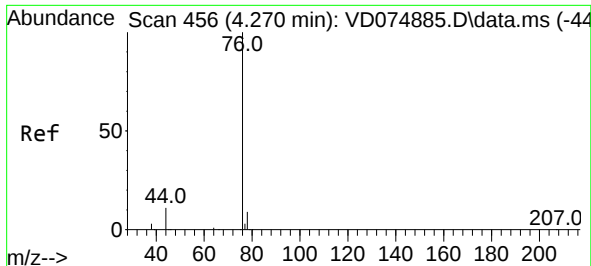
Tgt Ion: 53 Resp: 76855
Ion Ratio Lower Upper
53 100
52 83.0 66.0 99.0
51 36.0 28.3 42.5



#16
Acetone
Concen: 302.207 ug/l
RT: 4.017 min Scan# 413
Delta R.T. -0.000 min
Lab File: VD074881.D
Acq: 11 Nov 2022 09:50

Tgt Ion: 43 Resp: 76104
Ion Ratio Lower Upper
43 100
58 36.4 30.2 45.2

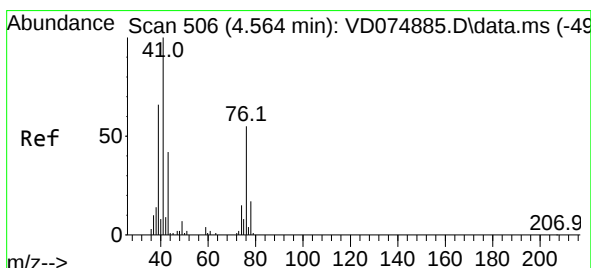
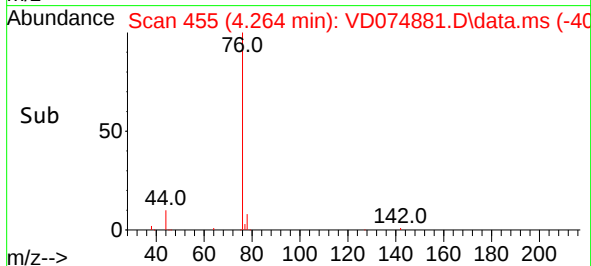
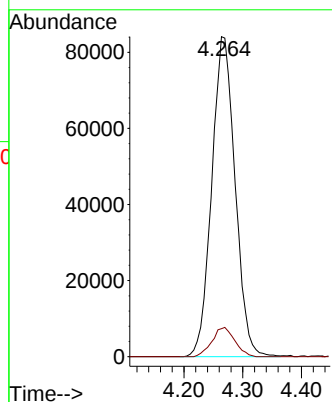
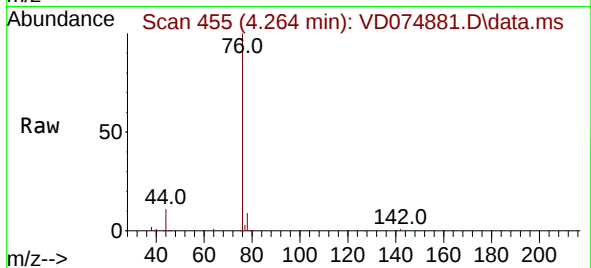




#17
Carbon Disulfide
Concen: 53.826 ug/l
RT: 4.264 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD074881.D
Acq: 11 Nov 2022 09:50

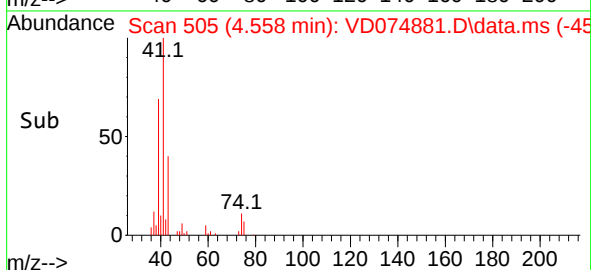
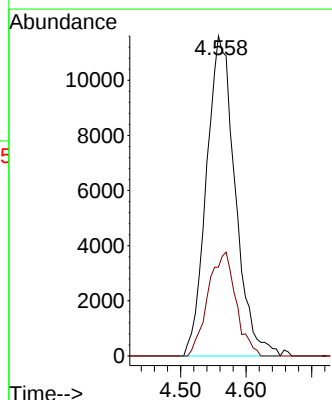
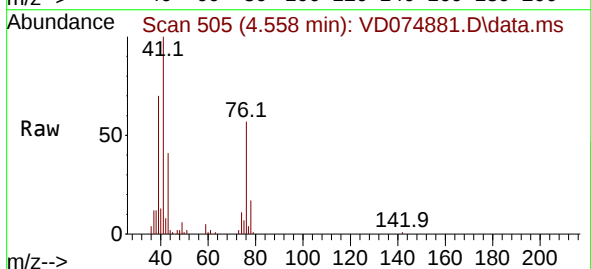
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

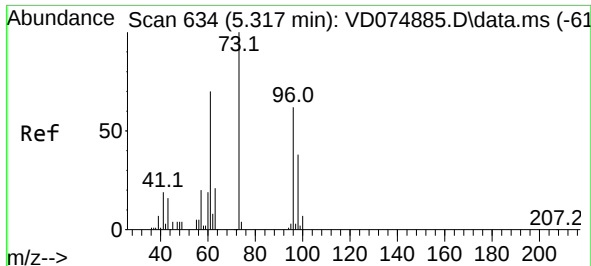
Tgt Ion: 76 Resp: 231968
Ion Ratio Lower Upper
76 100
78 8.8 7.8 11.8



#18
Methyl Acetate
Concen: 53.848 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.006 min
Lab File: VD074881.D
Acq: 11 Nov 2022 09:50

Tgt Ion: 43 Resp: 35290
Ion Ratio Lower Upper
43 100
74 31.6 24.7 37.1





#19

Methyl tert-butyl Ether

Concen: 57.209 ug/l

RT: 5.311 min Scan# 61

Delta R.T. -0.006 min

Lab File: VD074881.D

Acq: 11 Nov 2022 09:50

Instrument :

MSVOA_D

ClientSampleId :

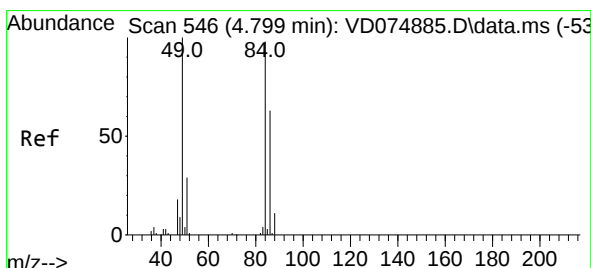
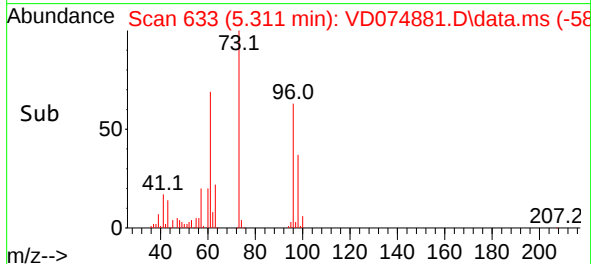
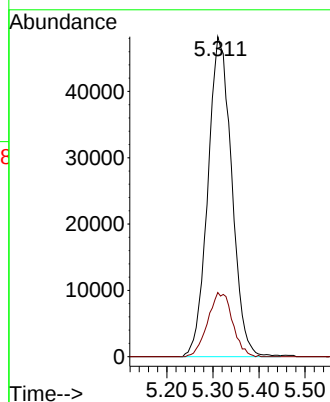
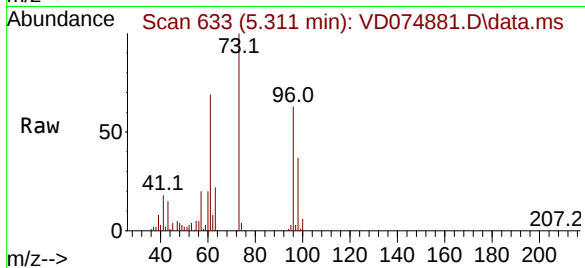
VSTDCCC050

Tgt Ion: 73 Resp: 173513

Ion Ratio Lower Upper

73 100

57 20.0 16.1 24.1



#20

Methylene Chloride

Concen: 56.026 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.000 min

Lab File: VD074881.D

Acq: 11 Nov 2022 09:50

Tgt Ion: 84 Resp: 116369

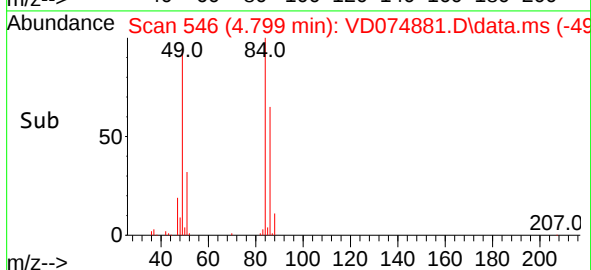
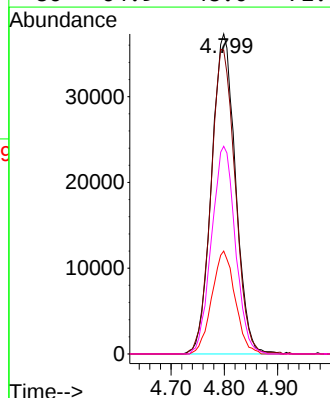
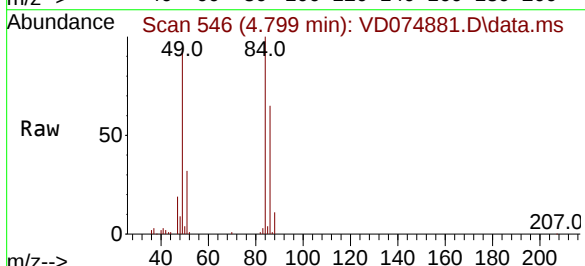
Ion Ratio Lower Upper

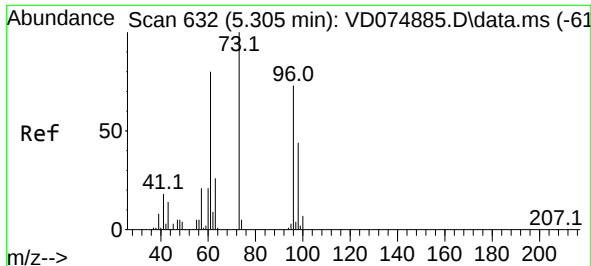
84 100

49 95.0 68.0 102.0

51 32.1 23.2 34.8

86 64.9 48.0 72.0

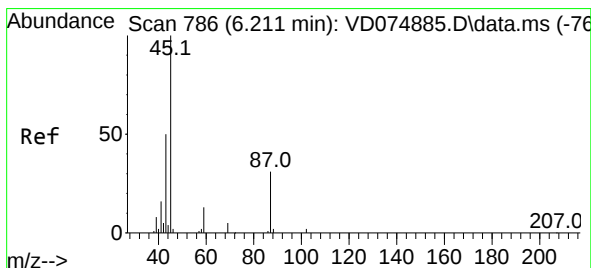
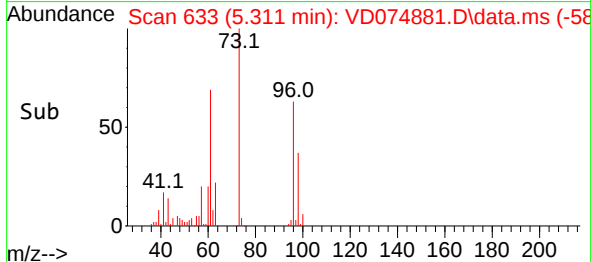
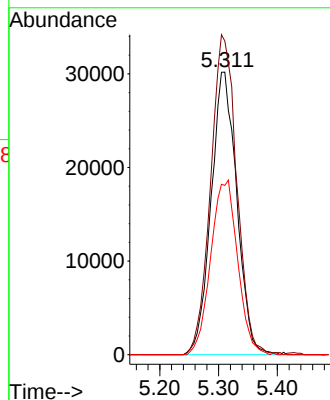
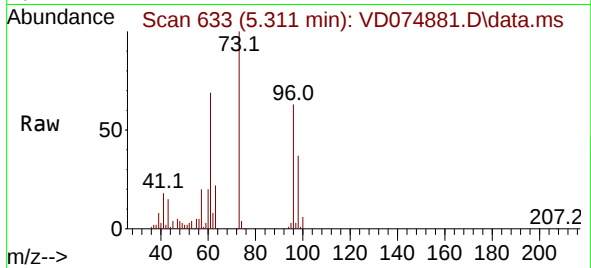




#21
trans-1,2-Dichloroethene
Concen: 53.437 ug/l
RT: 5.311 min Scan# 611
Delta R.T. 0.006 min
Lab File: VD074881.D
Acq: 11 Nov 2022 09:50

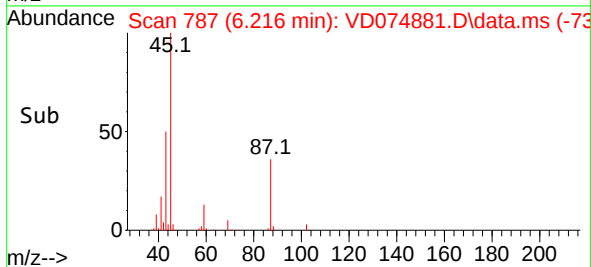
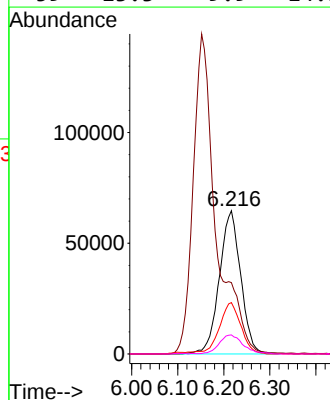
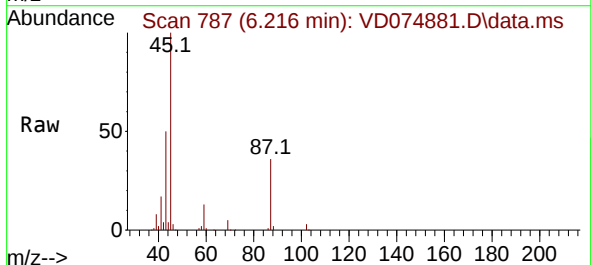
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

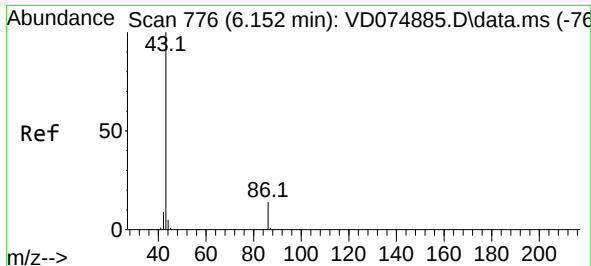
Tgt Ion: 96 Resp: 91800
Ion Ratio Lower Upper
96 100
61 111.0 95.7 143.5
98 59.9 54.8 82.2



#22
Diisopropyl ether
Concen: 57.534 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.005 min
Lab File: VD074881.D
Acq: 11 Nov 2022 09:50

Tgt Ion: 45 Resp: 207794
Ion Ratio Lower Upper
45 100
43 49.1 37.8 56.6
87 35.7 26.6 40.0
59 13.3 9.9 14.9



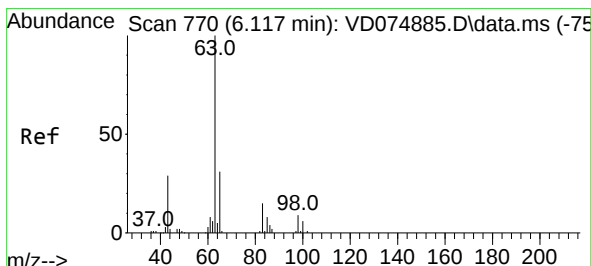
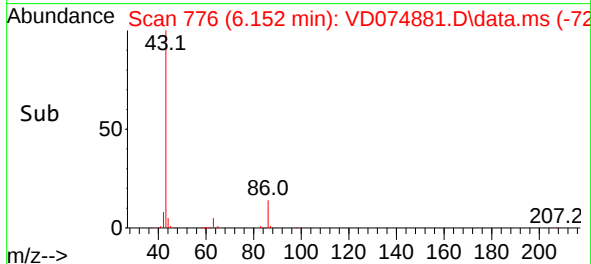
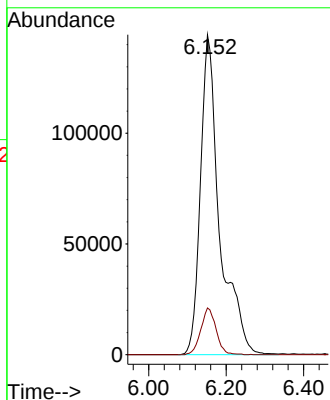
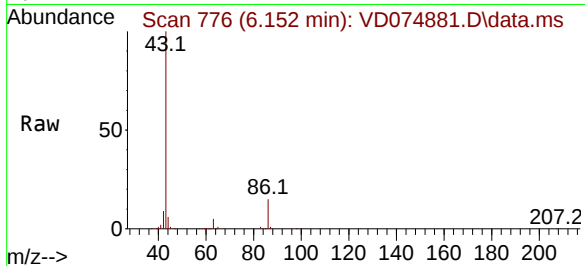


#23
 Vinyl Acetate
 Concen: 320.625 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. -0.000 min
 Lab File: VD074881.D
 Acq: 11 Nov 2022 09:50

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 497013

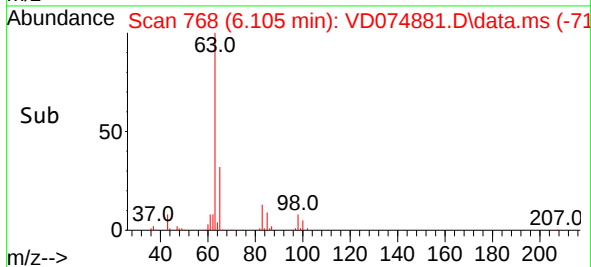
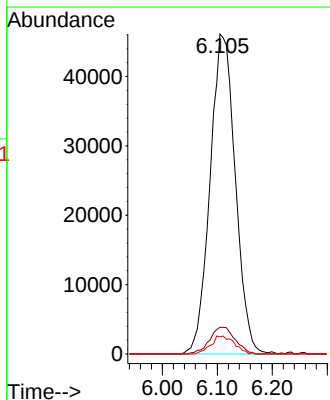
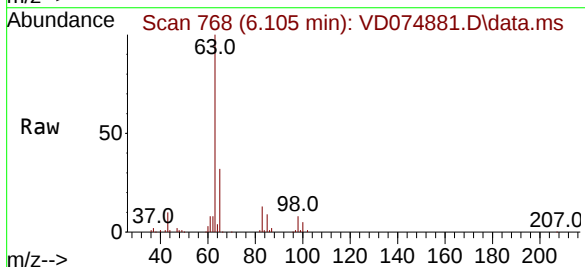
Ion	Ratio	Lower	Upper
43	100		
86	14.6	11.2	16.8

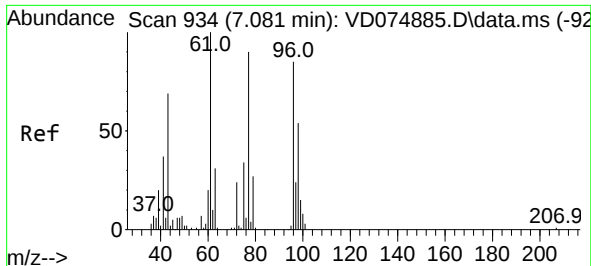


#24
 1,1-Dichloroethane
 Concen: 54.578 ug/l
 RT: 6.105 min Scan# 768
 Delta R.T. -0.012 min
 Lab File: VD074881.D
 Acq: 11 Nov 2022 09:50

Tgt Ion: 63 Resp: 147208

Ion	Ratio	Lower	Upper
63	100		
98	8.4	4.6	13.8
100	5.3	2.9	8.6

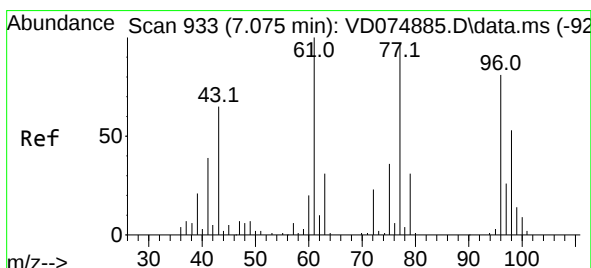
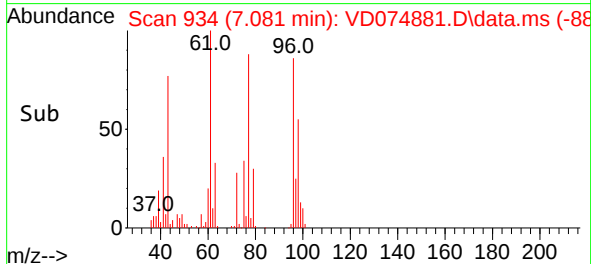
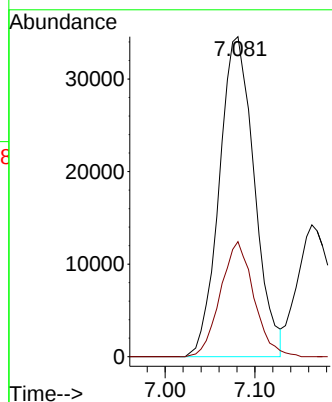
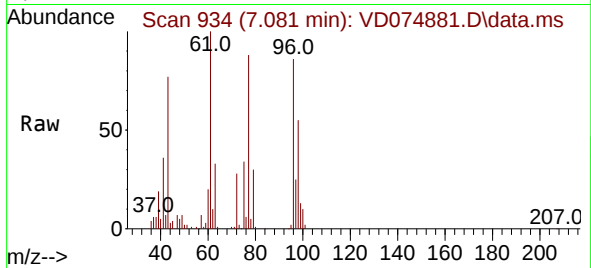




#25
2-Butanone
Concen: 284.855 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD074881.D
Acq: 11 Nov 2022 09:50

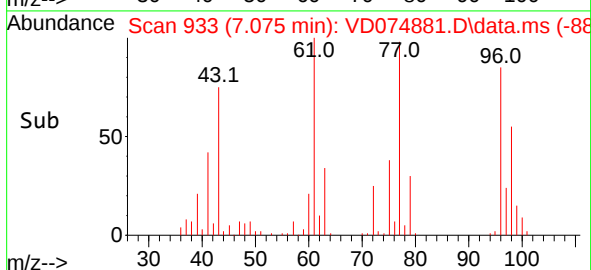
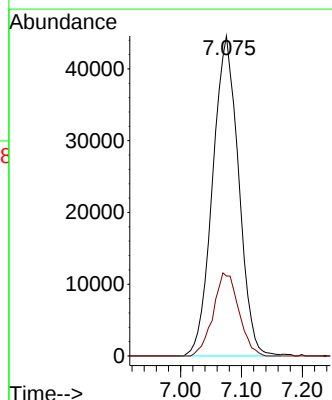
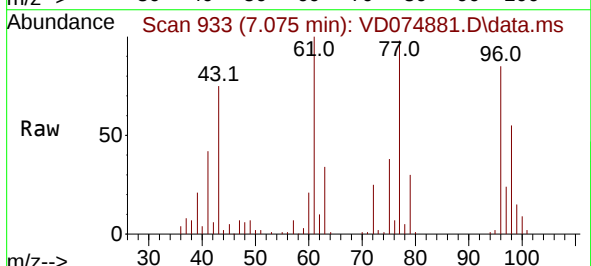
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

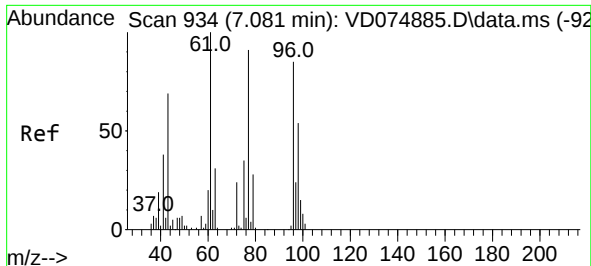
Tgt Ion: 43 Resp: 93805
Ion Ratio Lower Upper
43 100
72 35.9 25.8 38.8



#26
2,2-Dichloropropane
Concen: 52.056 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD074881.D
Acq: 11 Nov 2022 09:50

Tgt Ion: 77 Resp: 131948
Ion Ratio Lower Upper
77 100
97 25.6 12.5 37.5



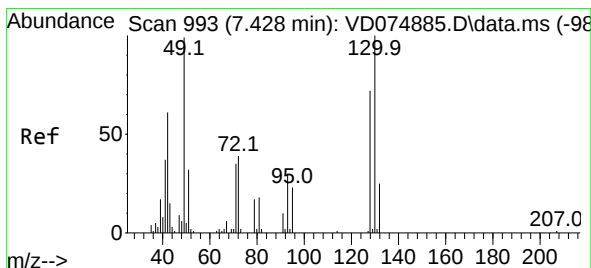
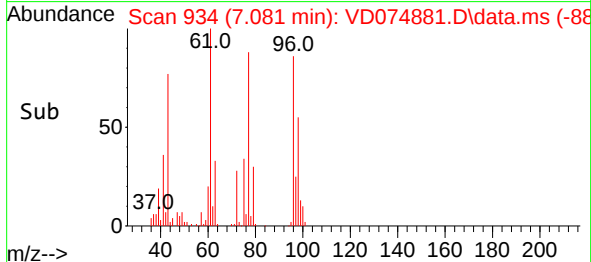
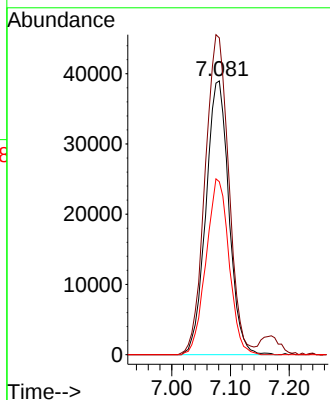
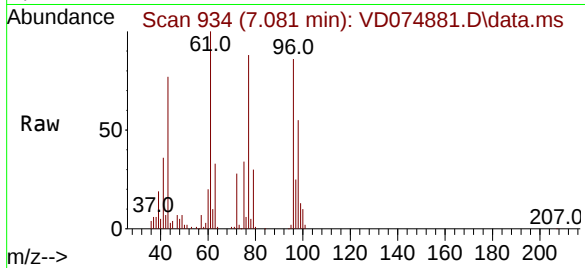


#27
 cis-1,2-Dichloroethene
 Concen: 55.612 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VD074881.D
 Acq: 11 Nov 2022 09:50

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 105988

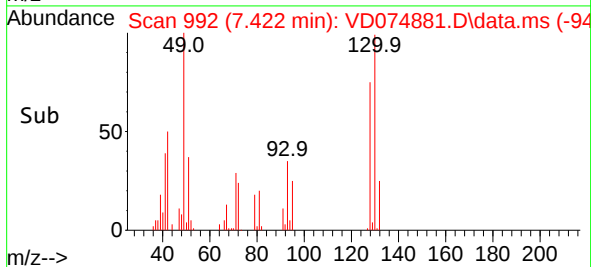
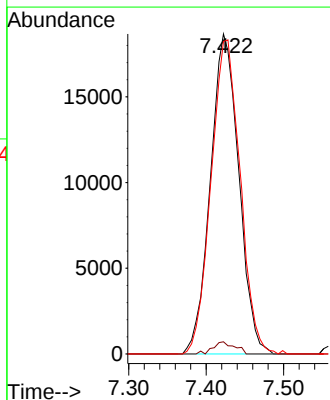
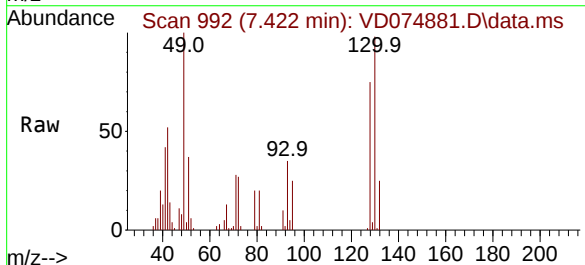
Ion	Ratio	Lower	Upper
96	100		
61	120.3	0.0	242.4
98	64.1	0.0	130.0

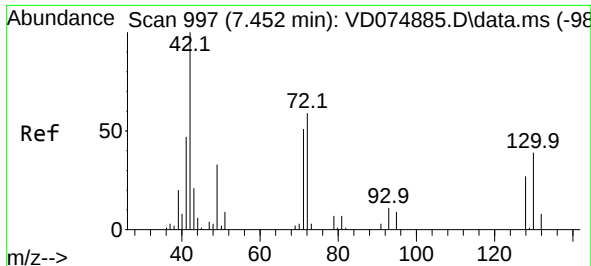


#28
 Bromochloromethane
 Concen: 54.831 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. -0.006 min
 Lab File: VD074881.D
 Acq: 11 Nov 2022 09:50

Tgt Ion: 49 Resp: 47712

Ion	Ratio	Lower	Upper
49	100		
129	2.9	0.0	5.0
130	100.4	84.1	126.1





#29

Tetrahydrofuran

Concen: 289.269 ug/l

RT: 7.446 min Scan# 996

Delta R.T. -0.006 min

Lab File: VD074881.D

Acq: 11 Nov 2022 09:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

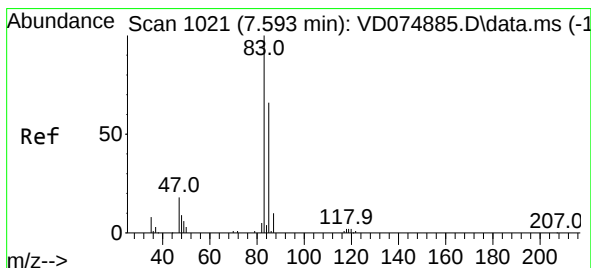
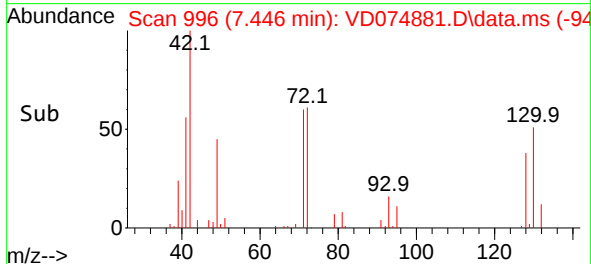
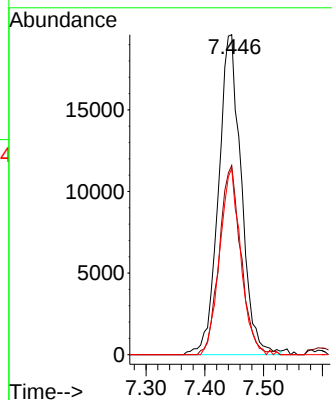
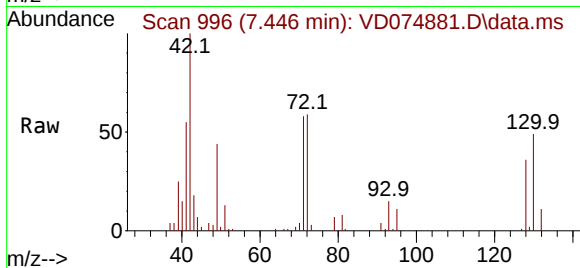
Tgt Ion: 42 Resp: 52728

Ion Ratio Lower Upper

42 100

72 56.5 45.8 68.6

71 53.7 44.6 66.8



#30

Chloroform

Concen: 55.151 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. -0.000 min

Lab File: VD074881.D

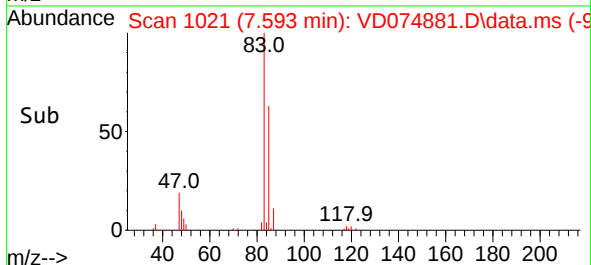
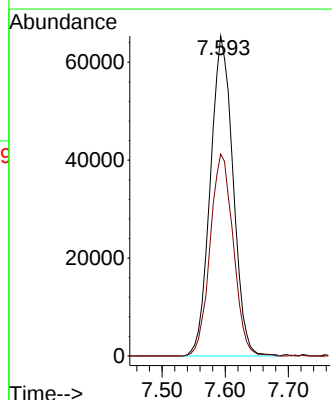
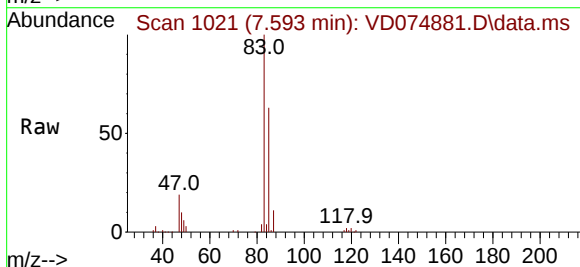
Acq: 11 Nov 2022 09:50

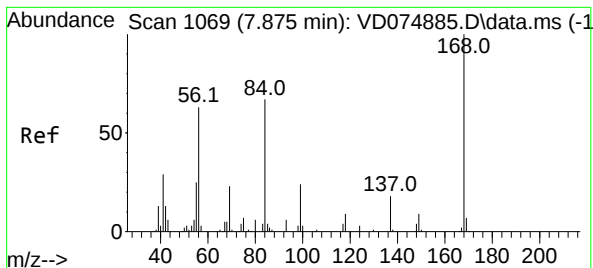
Tgt Ion: 83 Resp: 162908

Ion Ratio Lower Upper

83 100

85 63.1 52.0 78.0





#31

Cyclohexane

Concen: 52.576 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD074881.D

Acq: 11 Nov 2022 09:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

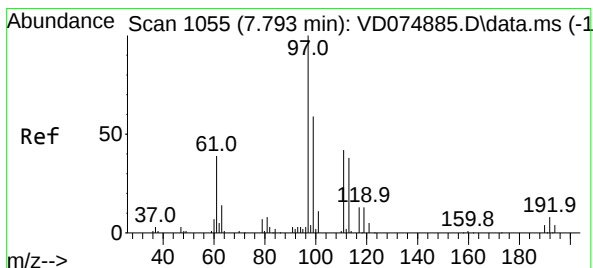
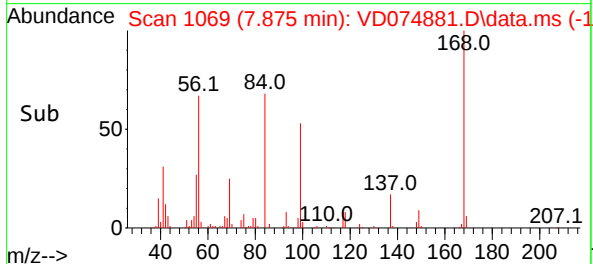
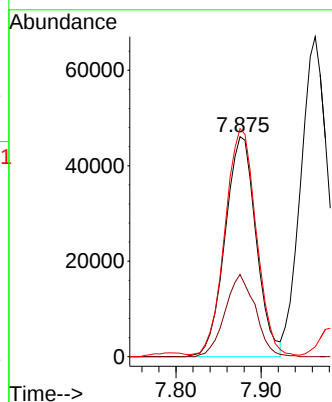
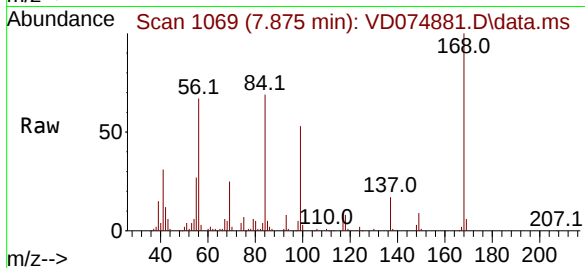
Tgt Ion: 56 Resp: 116927

Ion Ratio Lower Upper

56 100

69 37.4 29.2 43.8

84 102.0 83.4 125.2



#32

1,1,1-Trichloroethane

Concen: 55.029 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VD074881.D

Acq: 11 Nov 2022 09:50

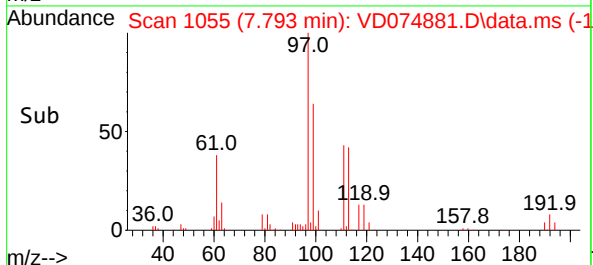
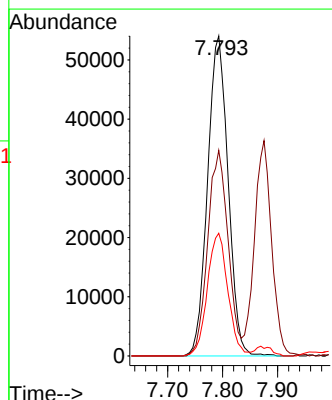
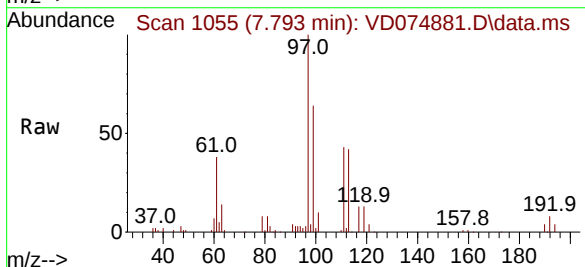
Tgt Ion: 97 Resp: 140087

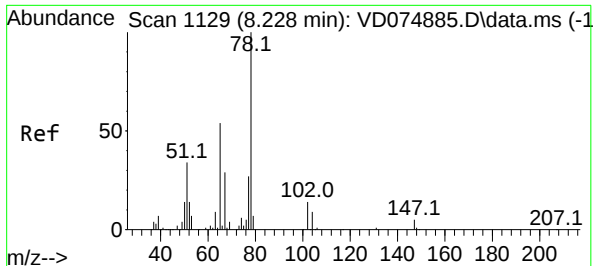
Ion Ratio Lower Upper

97 100

99 64.0 53.3 79.9

61 38.6 30.2 45.4





#33

1,2-Dichloroethane-d4

Concen: 60.766 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD074881.D

Acq: 11 Nov 2022 09:50

Instrument :

MSVOA_D

ClientSampleId :

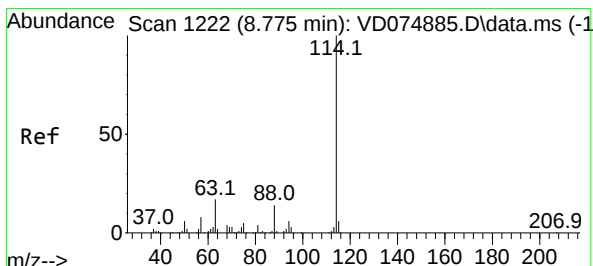
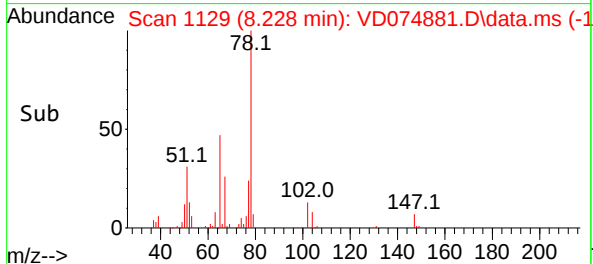
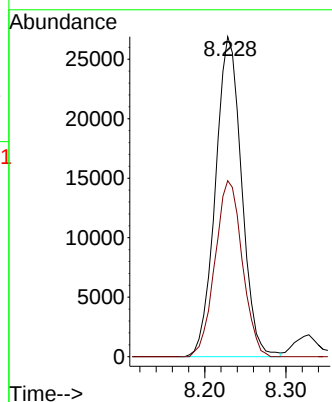
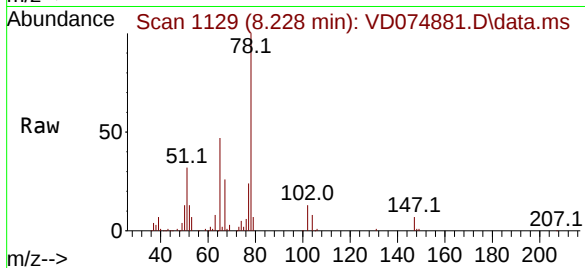
VSTDCCC050

Tgt Ion: 65 Resp: 60300

Ion Ratio Lower Upper

65 100

67 57.2 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD074881.D

Acq: 11 Nov 2022 09:50

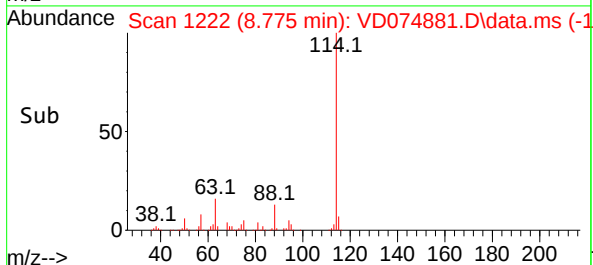
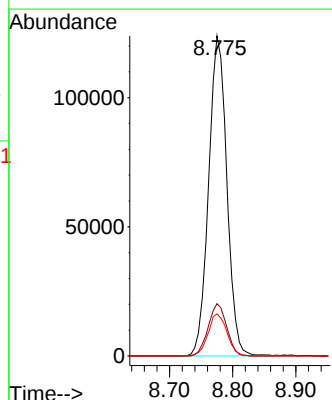
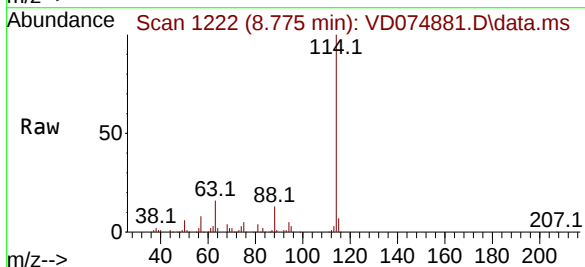
Tgt Ion: 114 Resp: 248732

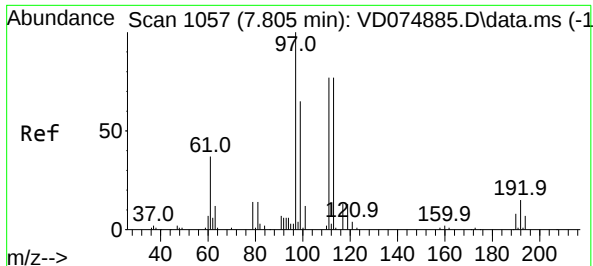
Ion Ratio Lower Upper

114 100

63 16.4 0.0 33.2

88 13.1 0.0 28.2





#35

Dibromofluoromethane

Concen: 49.016 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD074881.D

Acq: 11 Nov 2022 09:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

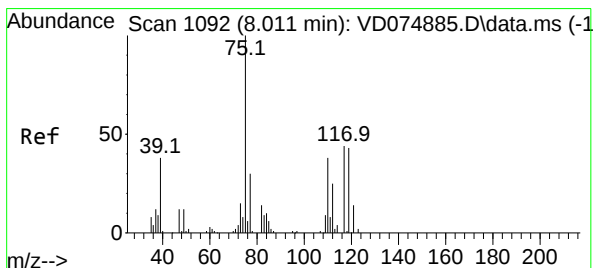
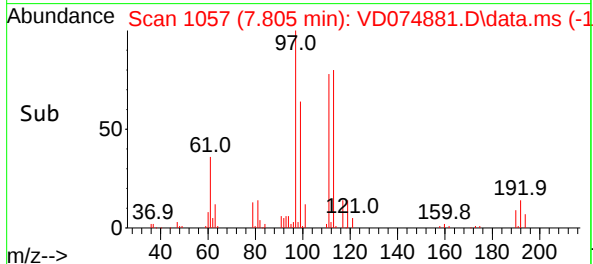
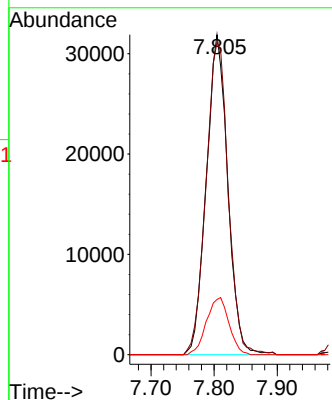
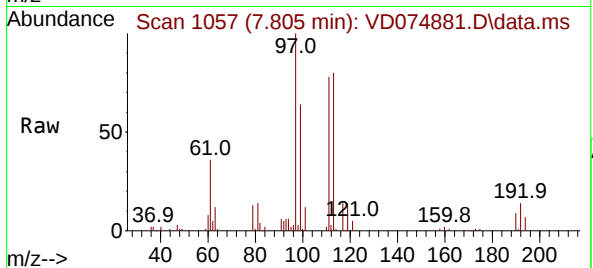
Tgt Ion:113 Resp: 75155

Ion Ratio Lower Upper

113 100

111 101.3 82.3 123.5

192 18.7 16.4 24.6



#36

1,1-Dichloropropene

Concen: 53.699 ug/l

RT: 8.005 min Scan# 1091

Delta R.T. -0.006 min

Lab File: VD074881.D

Acq: 11 Nov 2022 09:50

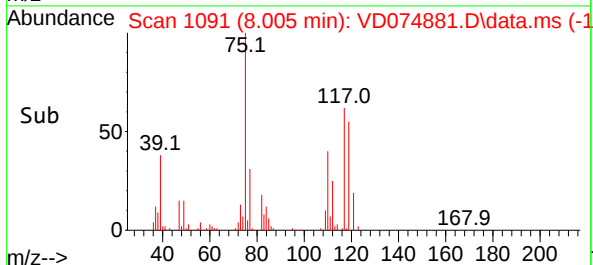
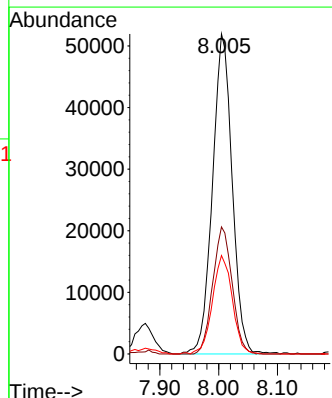
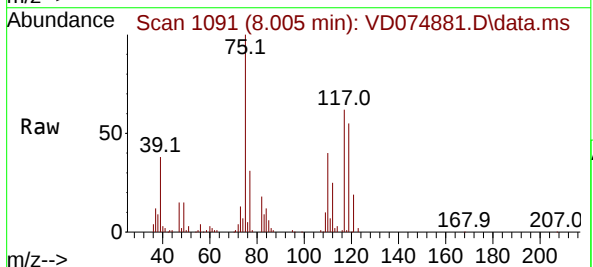
Tgt Ion: 75 Resp: 121005

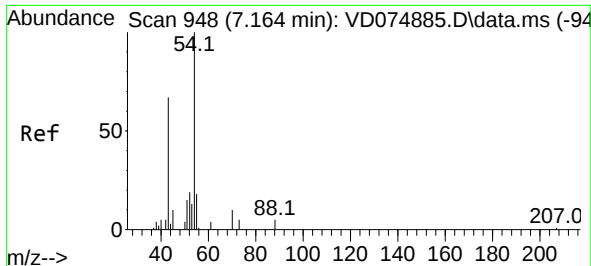
Ion Ratio Lower Upper

75 100

110 39.0 19.7 59.0

77 31.0 25.4 38.2

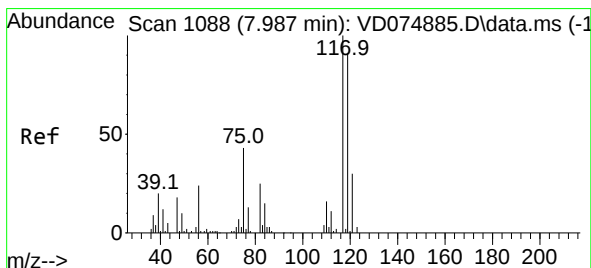
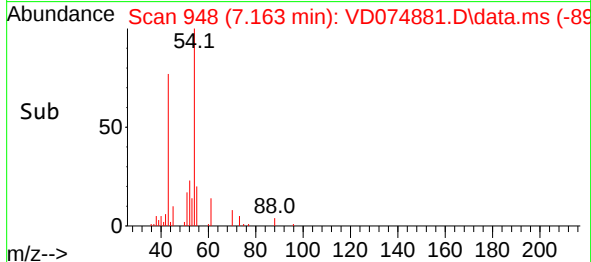
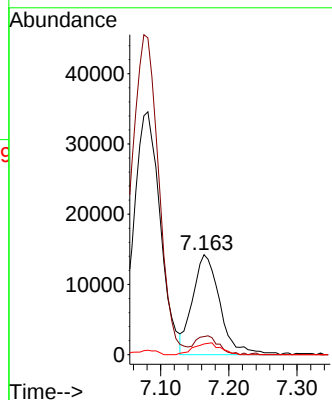
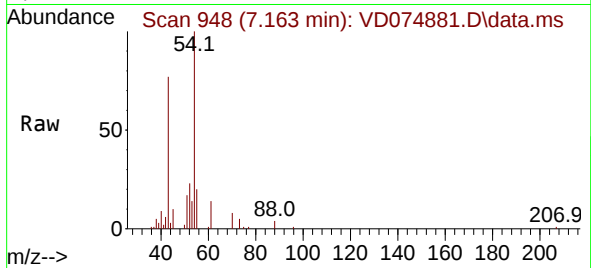




#37
Ethyl Acetate
Concen: 52.353 ug/l
RT: 7.163 min Scan# 948
Delta R.T. -0.001 min
Lab File: VD074881.D
Acq: 11 Nov 2022 09:50

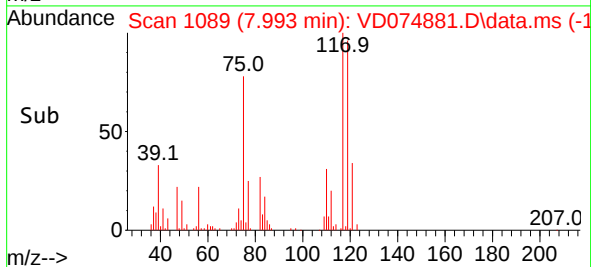
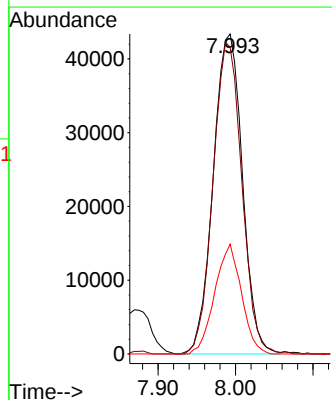
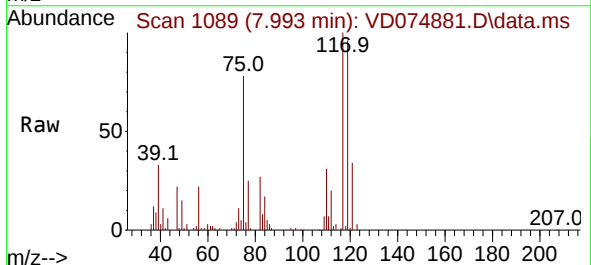
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

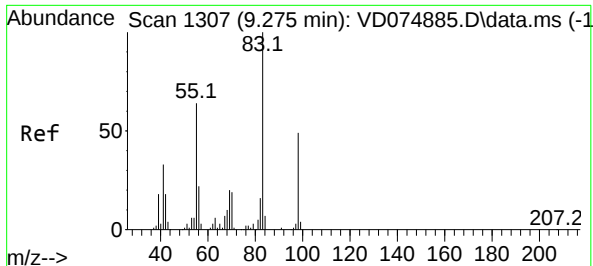
Tgt Ion: 43 Resp: 39586
Ion Ratio Lower Upper
43 100
61 16.0 12.2 18.4
70 11.5 9.6 14.4



#38
Carbon Tetrachloride
Concen: 53.523 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VD074881.D
Acq: 11 Nov 2022 09:50

Tgt Ion: 117 Resp: 113529
Ion Ratio Lower Upper
117 100
119 95.9 73.1 109.7
121 34.3 25.0 37.6





#39

Methylcyclohexane

Concen: 58.171 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD074881.D

Acq: 11 Nov 2022 09:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

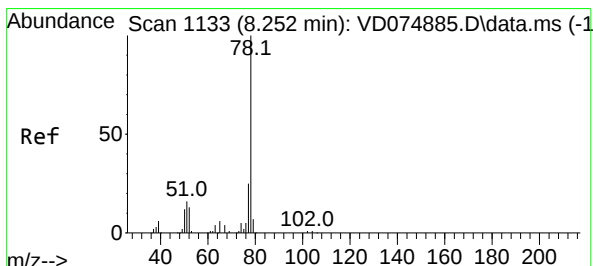
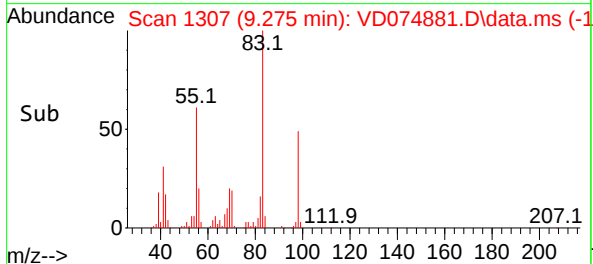
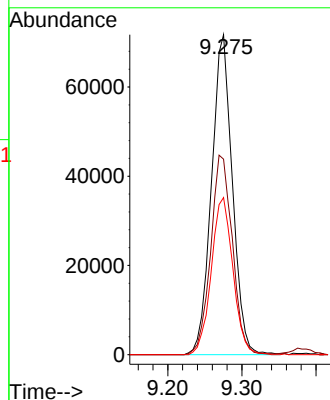
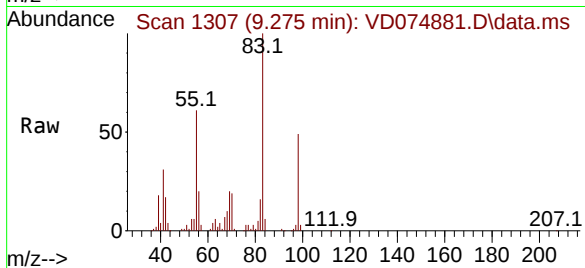
Tgt Ion: 83 Resp: 140428

Ion Ratio Lower Upper

83 100

55 61.1 49.0 73.4

98 49.1 41.7 62.5



#40

Benzene

Concen: 55.727 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. -0.000 min

Lab File: VD074881.D

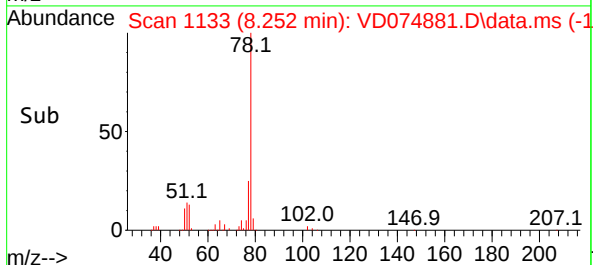
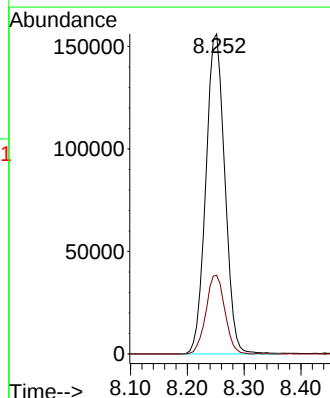
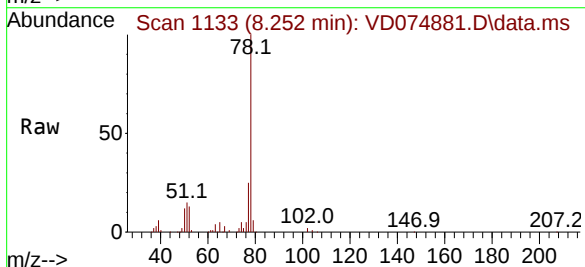
Acq: 11 Nov 2022 09:50

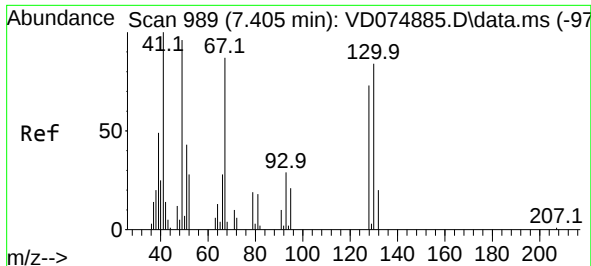
Tgt Ion: 78 Resp: 361086

Ion Ratio Lower Upper

78 100

77 24.5 20.1 30.1

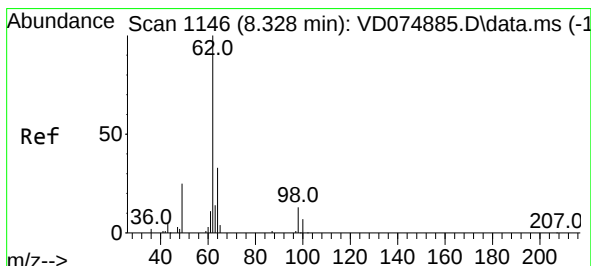
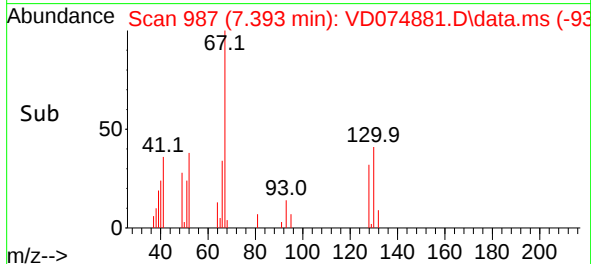
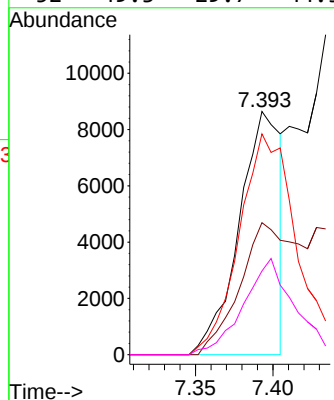
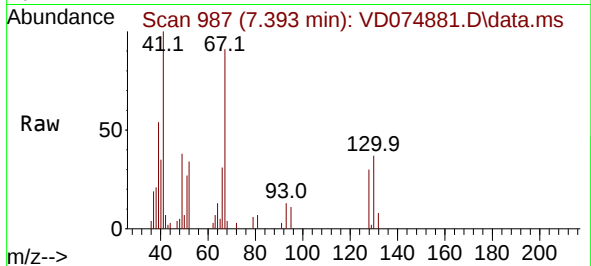




#41
Methacrylonitrile
Concen: 40.318 ug/l
RT: 7.393 min Scan# 91
Delta R.T. -0.012 min
Lab File: VD074881.D
Acq: 11 Nov 2022 09:50

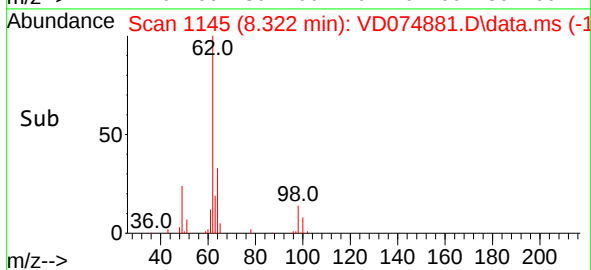
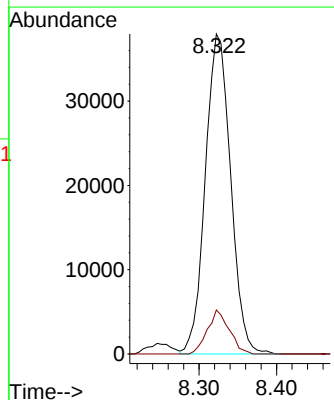
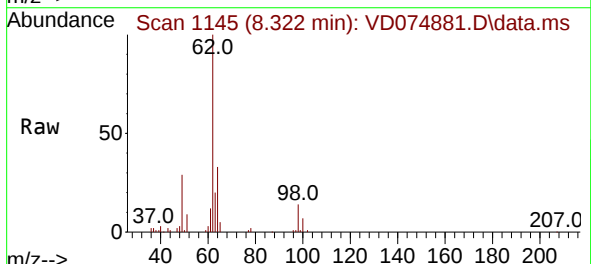
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

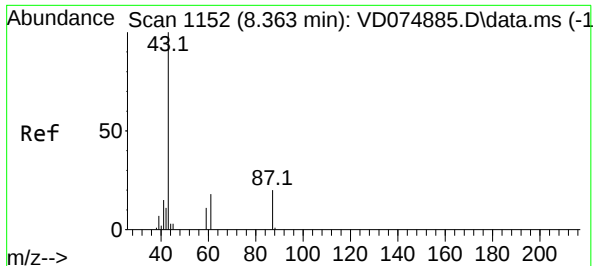
Tgt Ion: 41 Resp: 16169
Ion Ratio Lower Upper
41 100
39 78.7 35.0 52.6#
67 123.7 77.0 115.6#
52 49.3 29.7 44.5#



#42
1,2-Dichloroethane
Concen: 55.748 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD074881.D
Acq: 11 Nov 2022 09:50

Tgt Ion: 62 Resp: 86447
Ion Ratio Lower Upper
62 100
98 11.8 0.0 24.2





#43

Isopropyl Acetate

Concen: 56.076 ug/l

RT: 8.358 min Scan# 1151

Delta R.T. -0.005 min

Lab File: VD074881.D

Acq: 11 Nov 2022 09:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

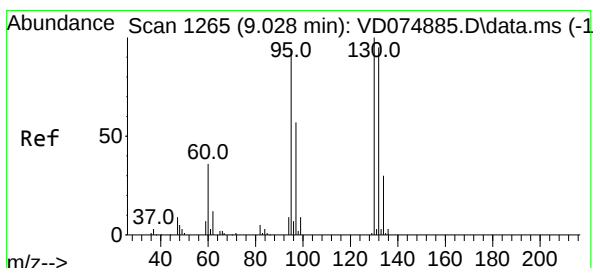
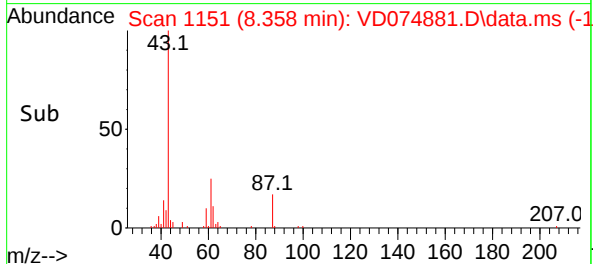
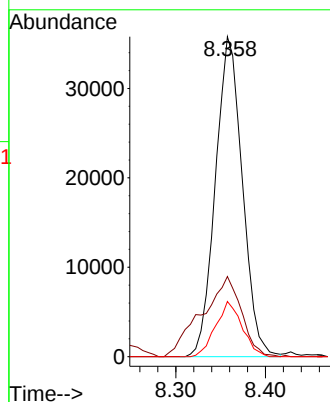
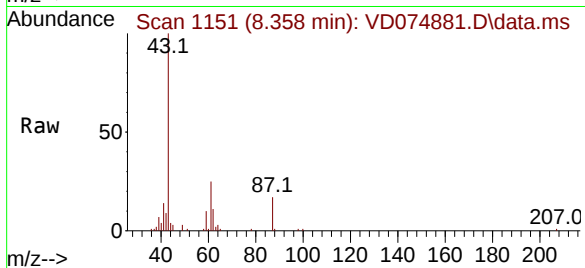
Tgt Ion: 43 Resp: 74680

Ion Ratio Lower Upper

43 100

61 36.8 30.9 46.3

87 16.9 14.3 21.5



#44

Trichloroethene

Concen: 57.762 ug/l

RT: 9.028 min Scan# 1265

Delta R.T. 0.000 min

Lab File: VD074881.D

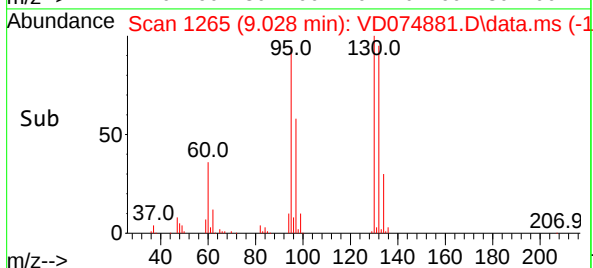
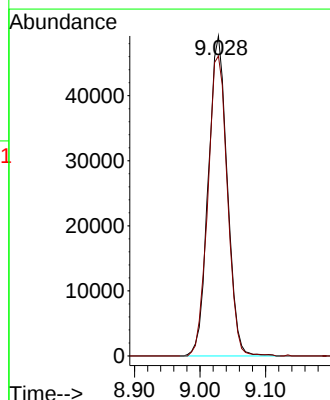
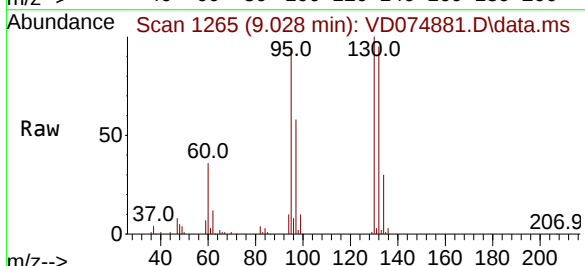
Acq: 11 Nov 2022 09:50

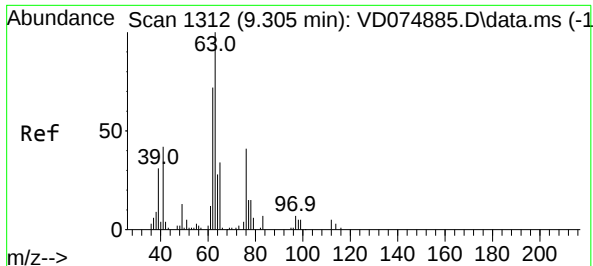
Tgt Ion:130 Resp: 98880

Ion Ratio Lower Upper

130 100

95 93.7 0.0 185.4





#45

1,2-Dichloropropane

Concen: 58.439 ug/l

RT: 9.305 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VD074881.D

Acq: 11 Nov 2022 09:50

Instrument :

MSVOA_D

ClientSampleId :

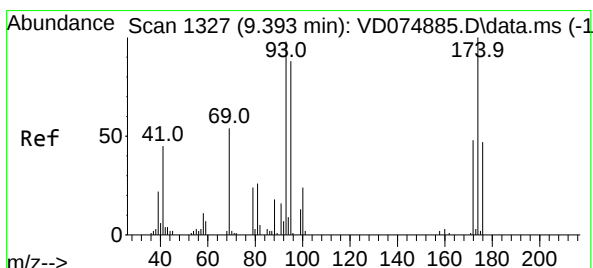
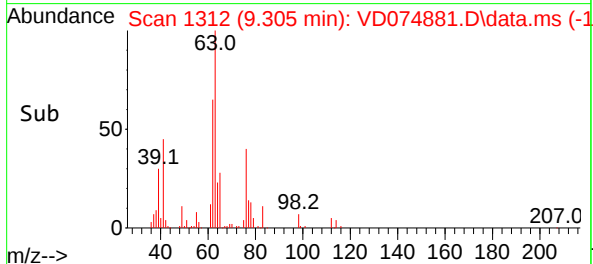
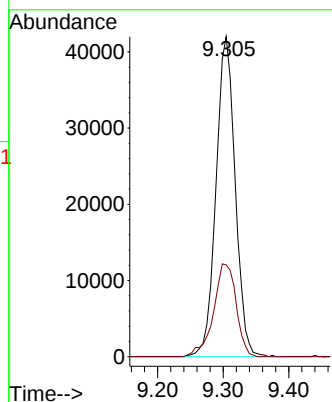
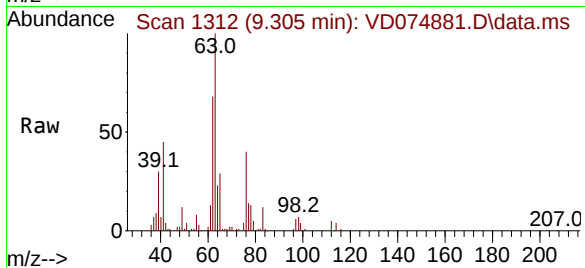
VSTDCCC050

Tgt Ion: 63 Resp: 85081

Ion Ratio Lower Upper

63 100

65 28.7 23.1 34.7



#46

Dibromomethane

Concen: 59.977 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD074881.D

Acq: 11 Nov 2022 09:50

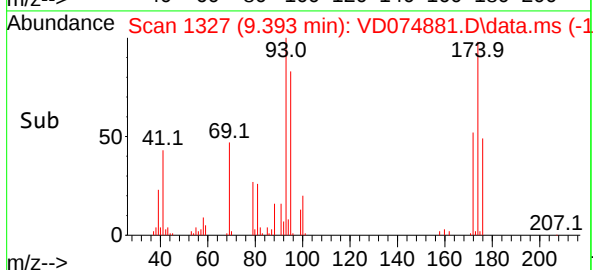
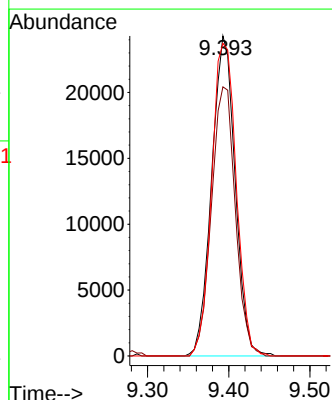
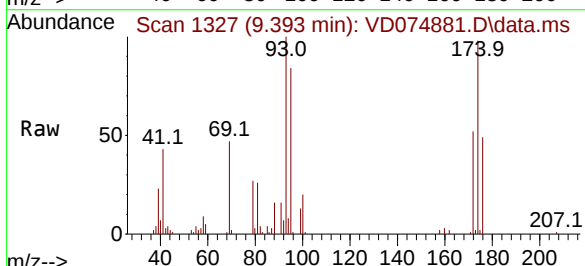
Tgt Ion: 93 Resp: 48902

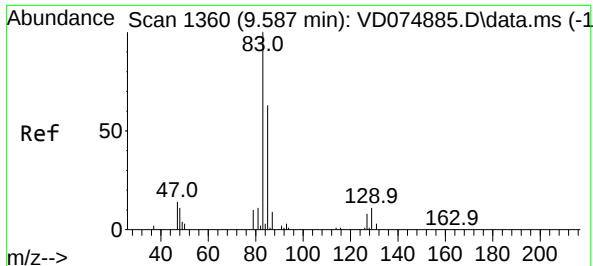
Ion Ratio Lower Upper

93 100

95 85.4 68.2 102.2

174 101.8 87.4 131.0





#47

Bromodichloromethane

Concen: 59.880 ug/l

RT: 9.581 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD074881.D

Acq: 11 Nov 2022 09:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

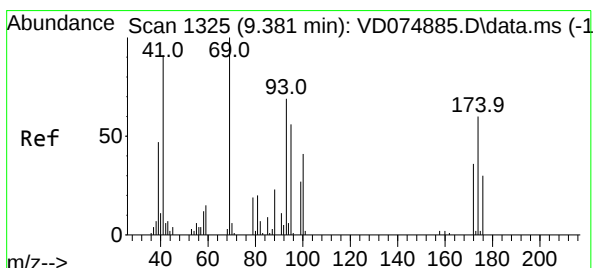
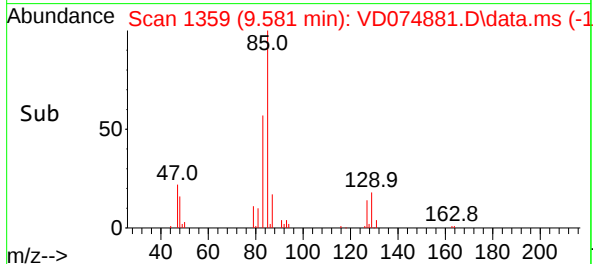
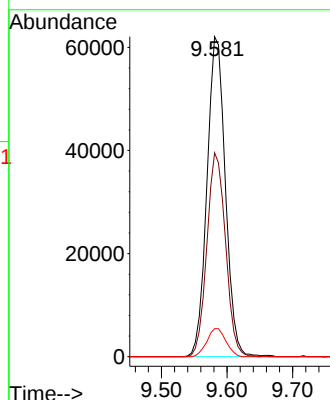
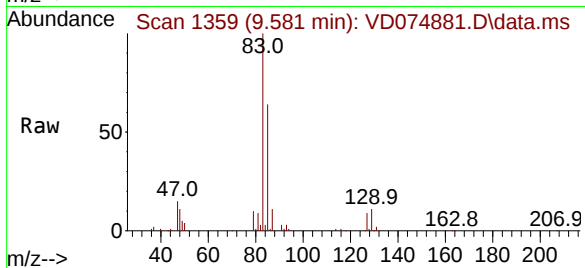
Tgt Ion: 83 Resp: 121170

Ion Ratio Lower Upper

83 100

85 63.7 48.8 73.2

127 8.8 6.7 10.1



#48

Methyl methacrylate

Concen: 59.682 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. 0.000 min

Lab File: VD074881.D

Acq: 11 Nov 2022 09:50

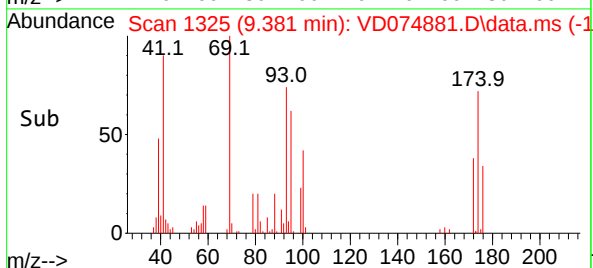
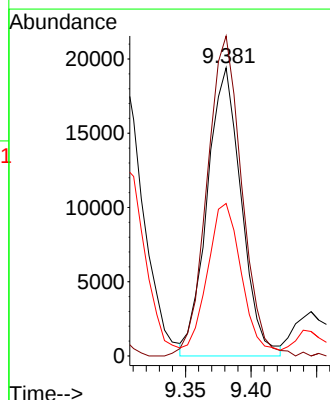
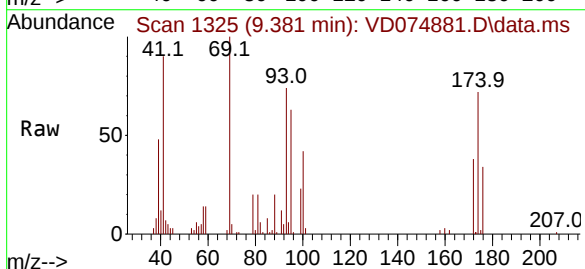
Tgt Ion: 41 Resp: 35209

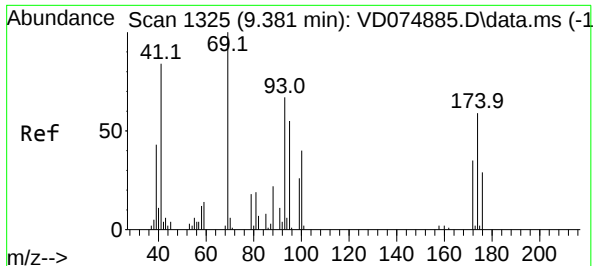
Ion Ratio Lower Upper

41 100

69 113.0 93.0 139.4

39 53.6 44.6 66.8





#49

1,4-Dioxane

Concen: 1269.512 ug/l

RT: 9.387 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD074881.D

Acq: 11 Nov 2022 09:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

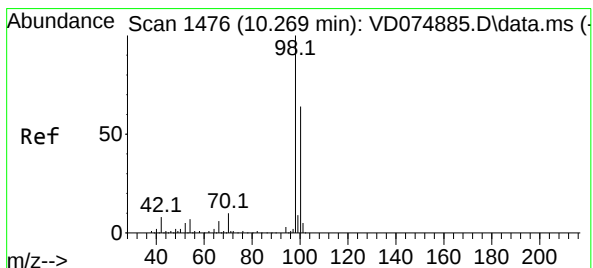
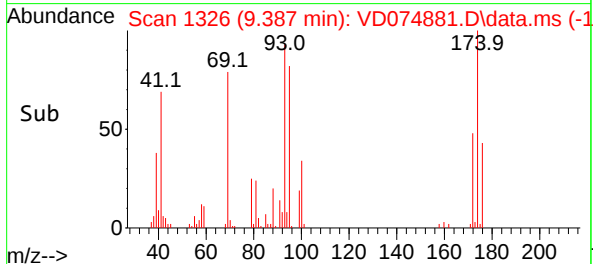
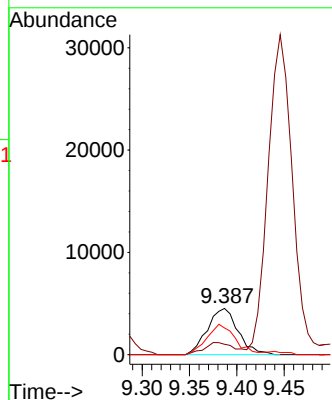
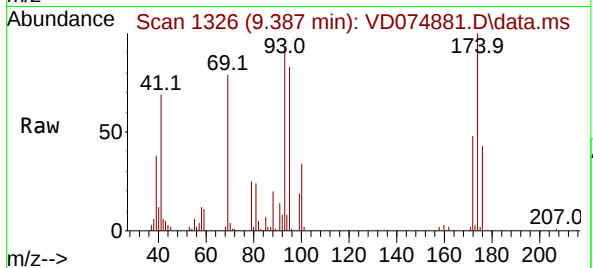
Tgt Ion: 88 Resp: 10157

Ion Ratio Lower Upper

88 100

43 26.7 24.1 36.1

58 60.6 43.1 64.7



#50

Toluene-d8

Concen: 54.092 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD074881.D

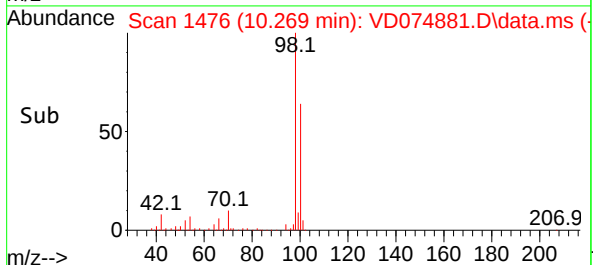
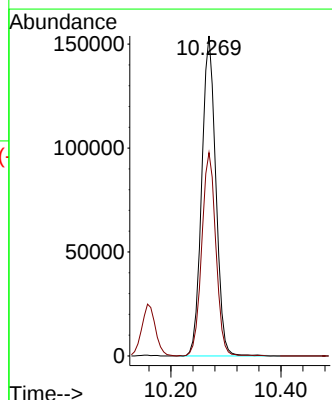
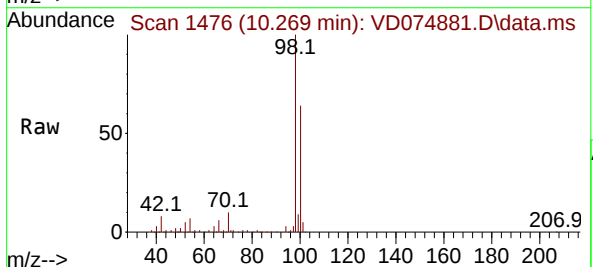
Acq: 11 Nov 2022 09:50

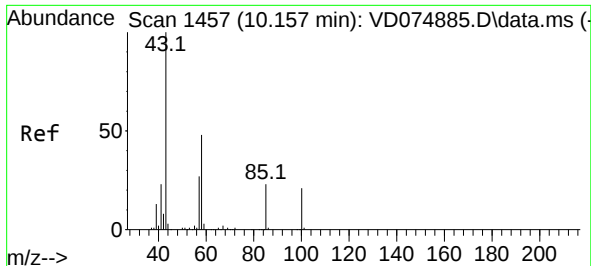
Tgt Ion: 98 Resp: 273201

Ion Ratio Lower Upper

98 100

100 64.0 51.4 77.0

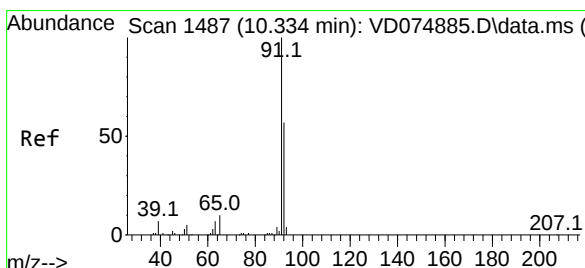
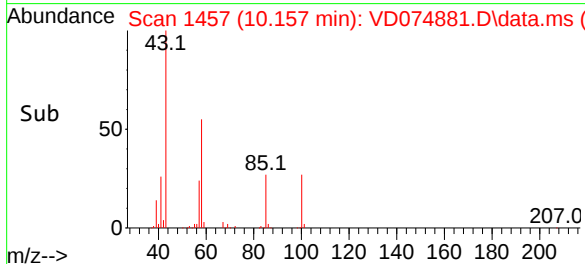
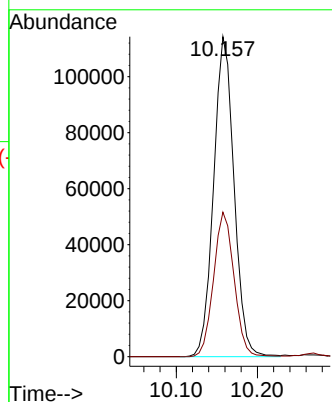
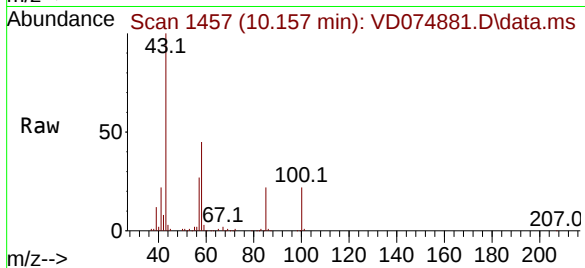




#51
4-Methyl-2-Pentanone
Concen: 314.920 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD074881.D
Acq: 11 Nov 2022 09:50

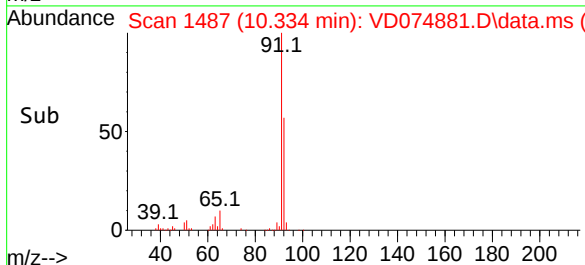
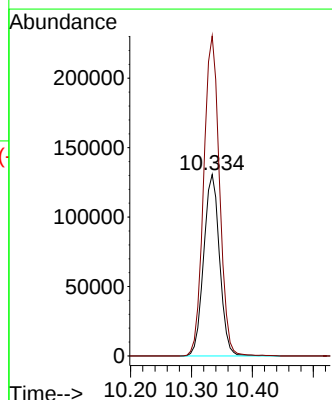
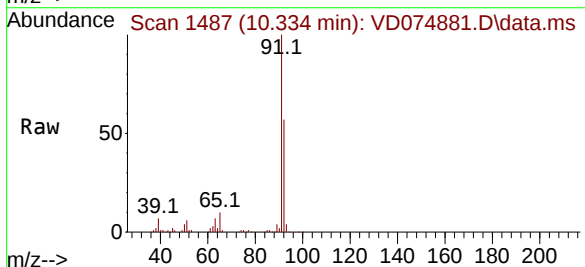
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

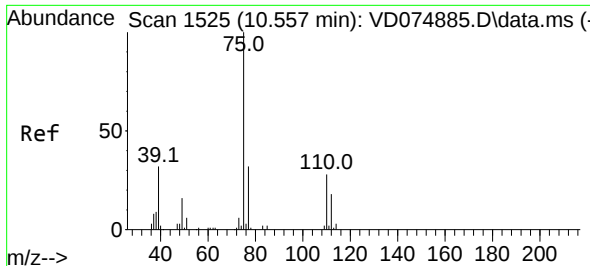
Tgt Ion: 43 Resp: 199940
Ion Ratio Lower Upper
43 100
58 45.3 37.8 56.6



#52
Toluene
Concen: 61.006 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD074881.D
Acq: 11 Nov 2022 09:50

Tgt Ion: 92 Resp: 236347
Ion Ratio Lower Upper
92 100
91 175.7 139.0 208.4

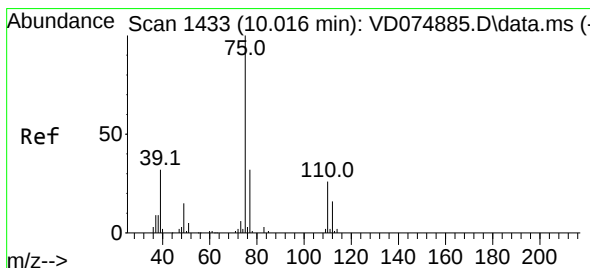
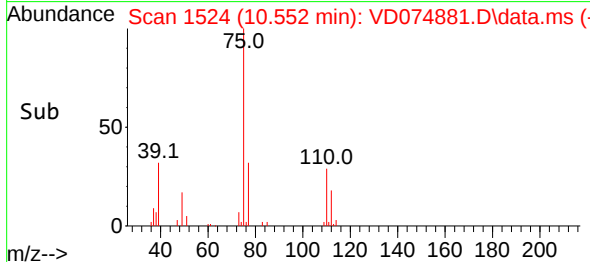
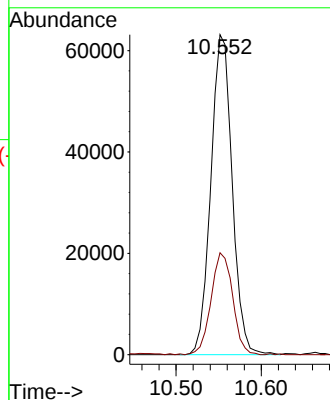
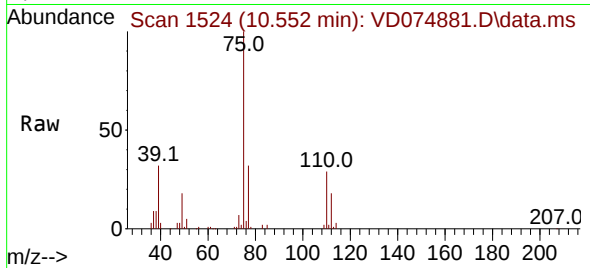




#53
 t-1,3-Dichloropropene
 Concen: 61.387 ug/l
 RT: 10.552 min Scan# 11
 Delta R.T. -0.005 min
 Lab File: VD074881.D
 Acq: 11 Nov 2022 09:50

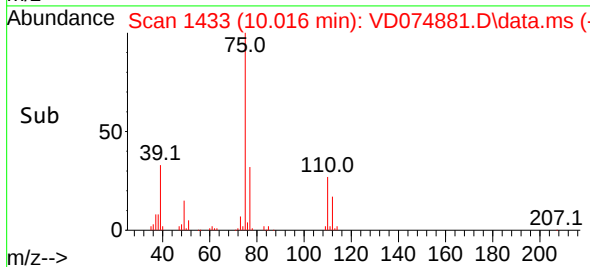
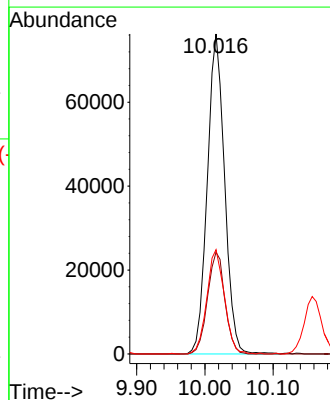
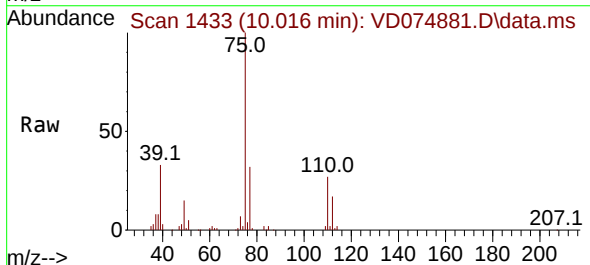
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

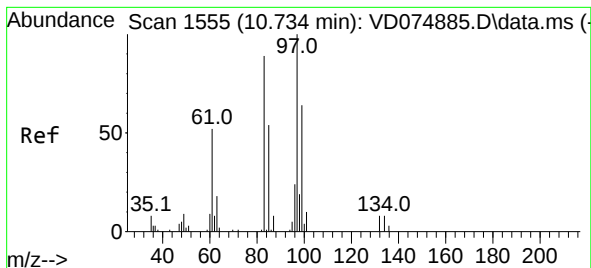
Tgt Ion: 75 Resp: 109733
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.6 38.4



#54
 cis-1,3-Dichloropropene
 Concen: 61.402 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD074881.D
 Acq: 11 Nov 2022 09:50

Tgt Ion: 75 Resp: 134606
 Ion Ratio Lower Upper
 75 100
 77 31.8 24.7 37.1
 39 32.6 25.4 38.2

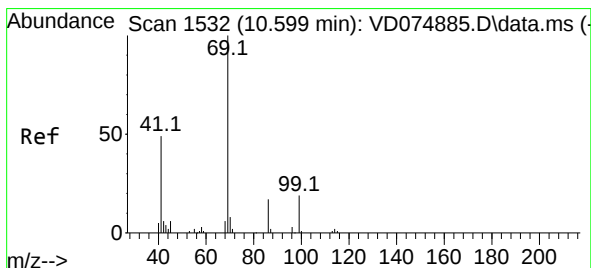
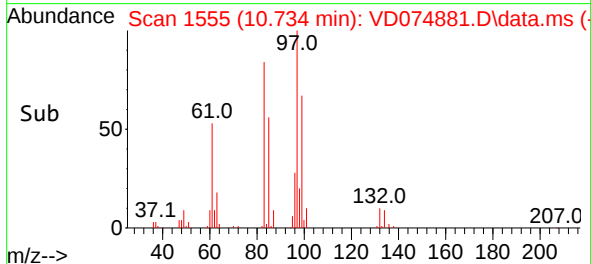
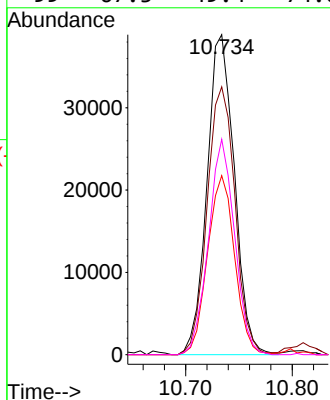
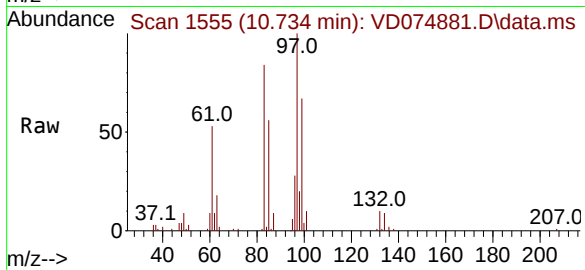




#55
 1,1,2-Trichloroethane
 Concen: 61.238 ug/l
 RT: 10.734 min Scan# 1555
 Delta R.T. -0.000 min
 Lab File: VD074881.D
 Acq: 11 Nov 2022 09:50

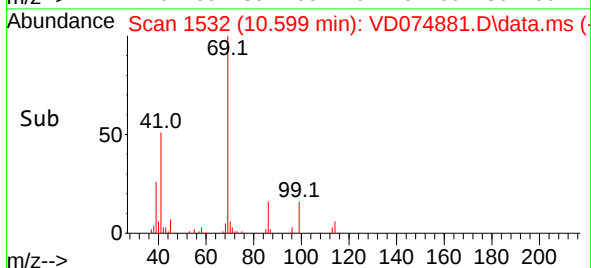
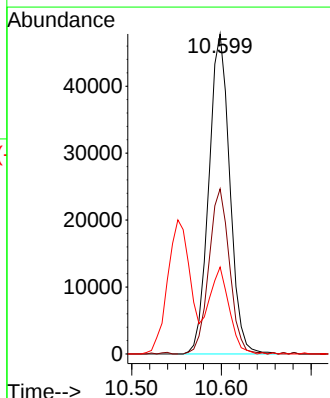
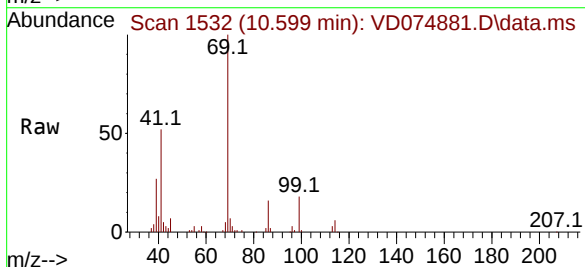
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

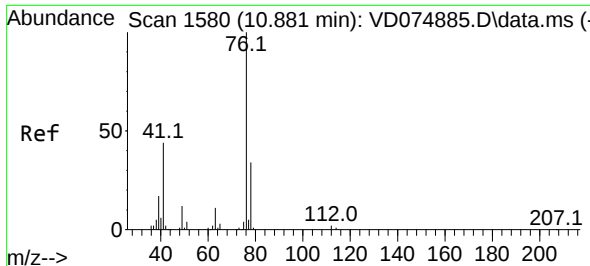
Tgt Ion:	97	Resp:	69427
Ion	Ratio	Lower	Upper
97	100		
83	83.7	64.8	97.2
85	55.9	44.8	67.2
99	67.3	49.4	74.0



#56
 Ethyl methacrylate
 Concen: 56.138 ug/l
 RT: 10.599 min Scan# 1532
 Delta R.T. -0.000 min
 Lab File: VD074881.D
 Acq: 11 Nov 2022 09:50

Tgt Ion:	69	Resp:	77413
Ion	Ratio	Lower	Upper
69	100		
41	51.1	38.6	58.0
39	26.5	19.9	29.9





#57

1,3-Dichloropropane

Concen: 61.378 ug/l

RT: 10.881 min Scan# 1118

Delta R.T. -0.000 min

Lab File: VD074881.D

Acq: 11 Nov 2022 09:50

Instrument :

MSVOA_D

ClientSampleId :

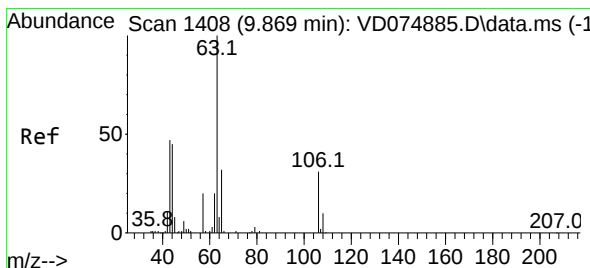
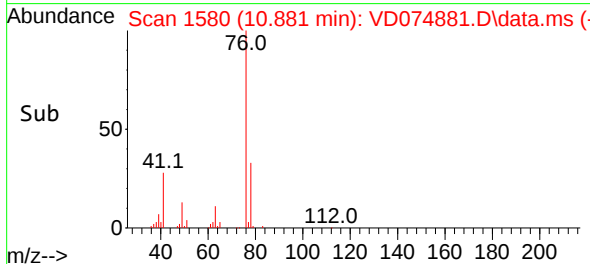
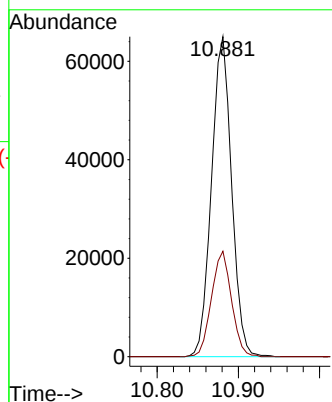
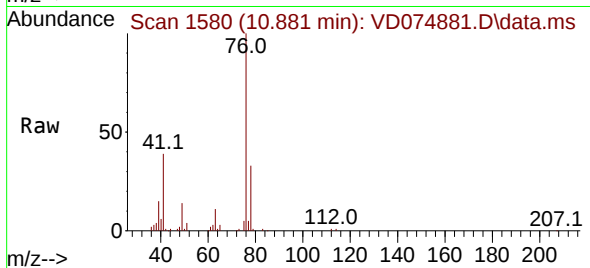
VSTDCCC050

Tgt Ion: 76 Resp: 111872

Ion Ratio Lower Upper

76 100

78 32.9 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 275.245 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD074881.D

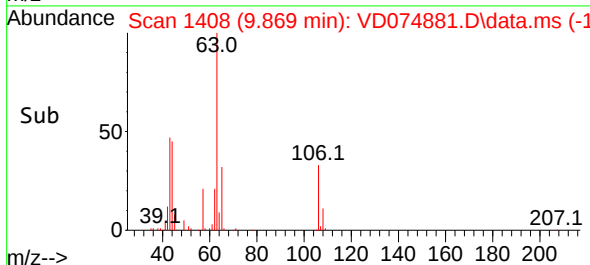
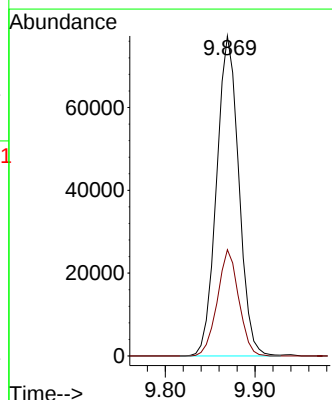
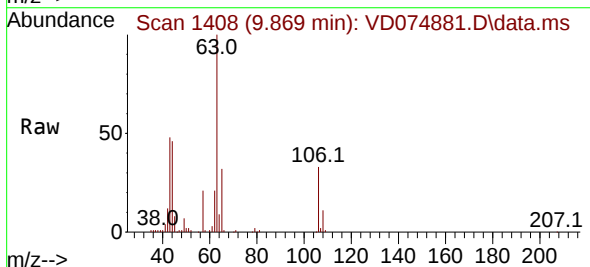
Acq: 11 Nov 2022 09:50

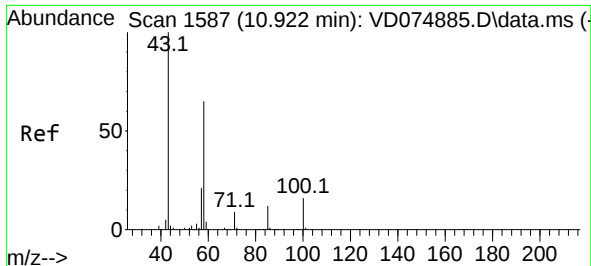
Tgt Ion: 63 Resp: 133051

Ion Ratio Lower Upper

63 100

106 31.8 26.5 39.7

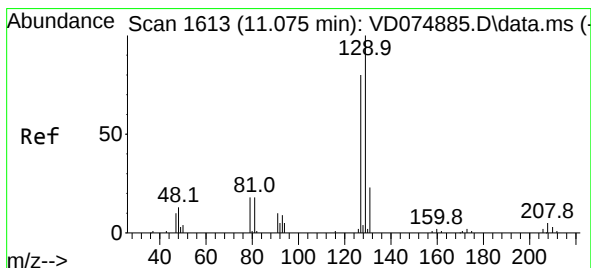
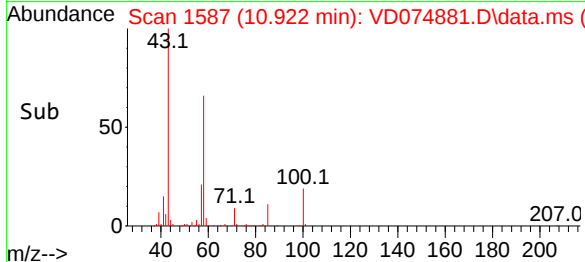
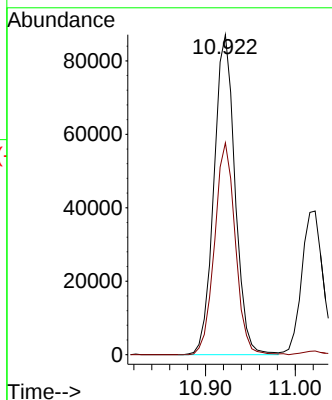
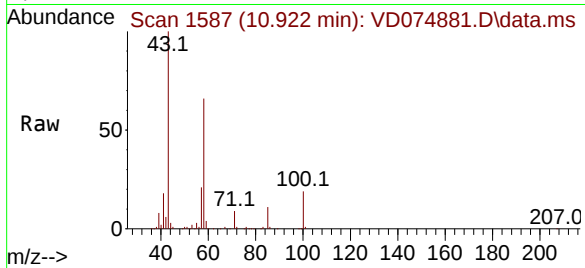




#59
2-Hexanone
Concen: 321.021 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD074881.D
Acq: 11 Nov 2022 09:50

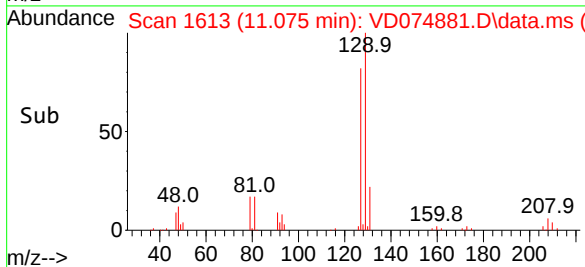
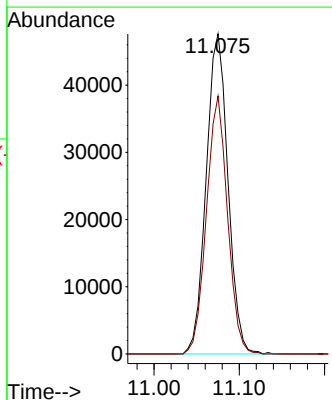
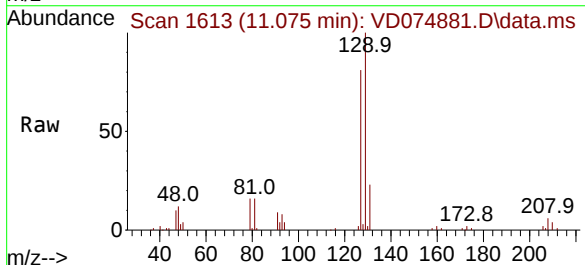
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

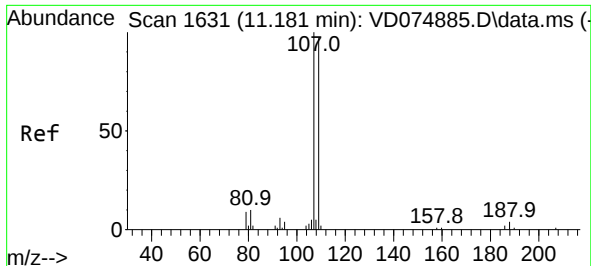
Tgt Ion: 43 Resp: 142082
Ion Ratio Lower Upper
43 100
58 65.0 32.0 96.2



#60
Dibromochloromethane
Concen: 62.874 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD074881.D
Acq: 11 Nov 2022 09:50

Tgt Ion: 129 Resp: 84561
Ion Ratio Lower Upper
129 100
127 77.9 39.1 117.2

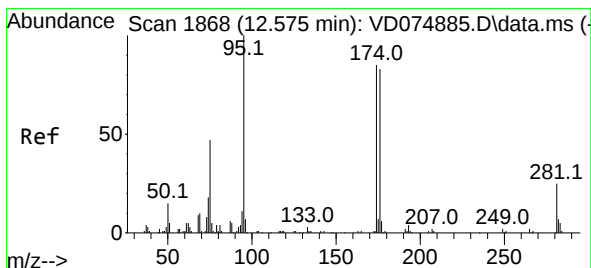
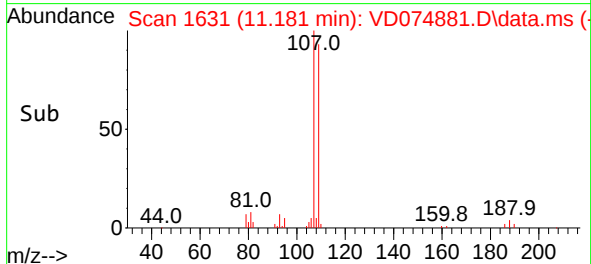
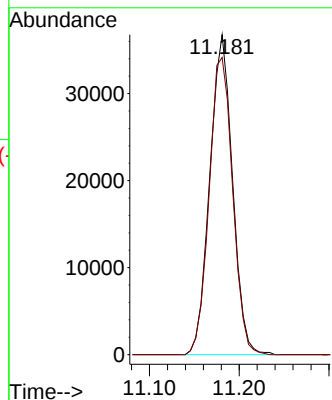
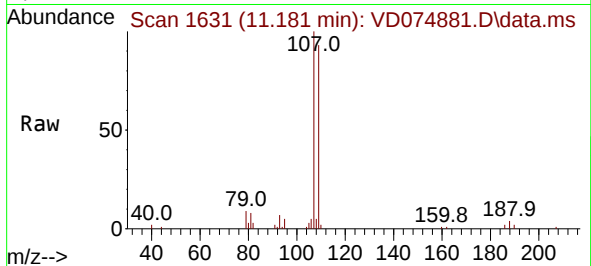




#61
1,2-Dibromoethane
Concen: 60.966 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD074881.D
Acq: 11 Nov 2022 09:50

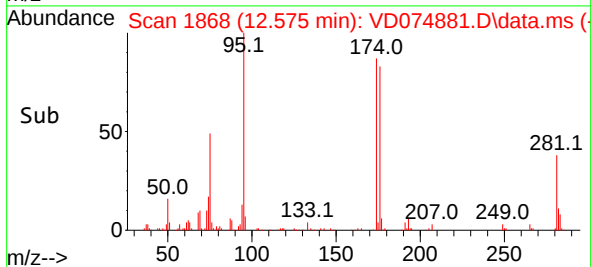
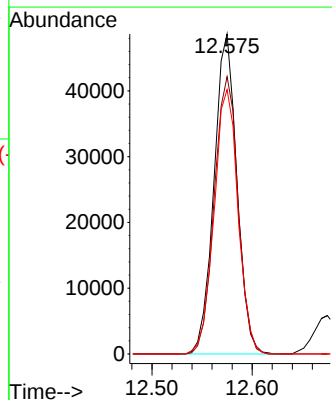
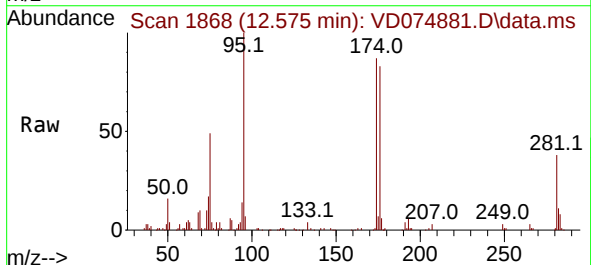
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

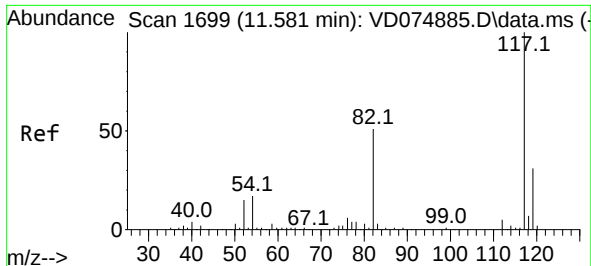
Tgt Ion:107 Resp: 64642
Ion Ratio Lower Upper
107 100
109 96.1 74.6 111.8



#62
4-Bromofluorobenzene
Concen: 49.647 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074881.D
Acq: 11 Nov 2022 09:50

Tgt Ion: 95 Resp: 76997
Ion Ratio Lower Upper
95 100
174 90.1 0.0 197.0
176 86.5 0.0 182.6

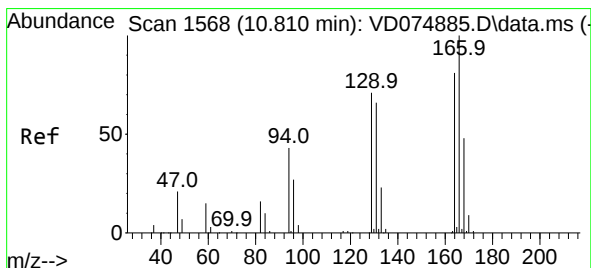
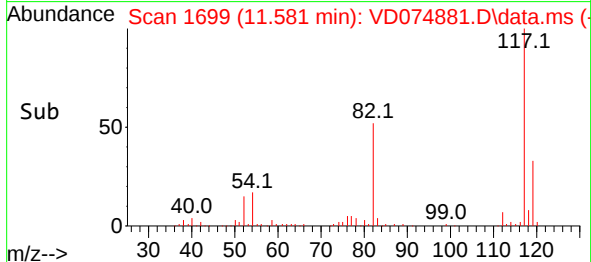
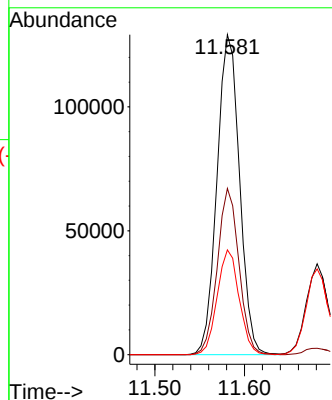
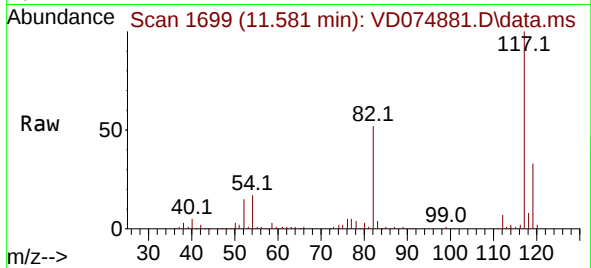




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD074881.D
Acq: 11 Nov 2022 09:50

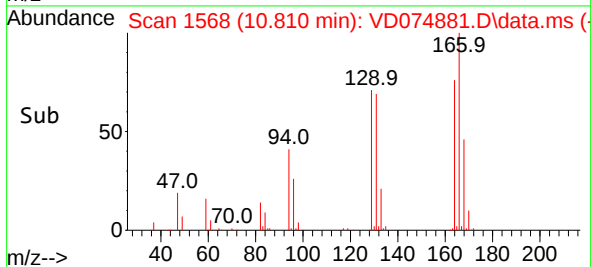
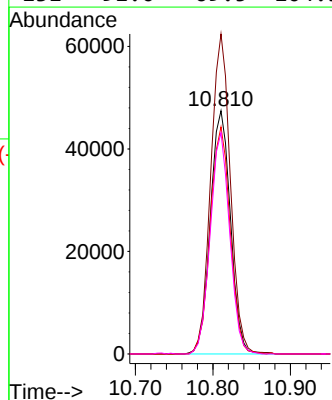
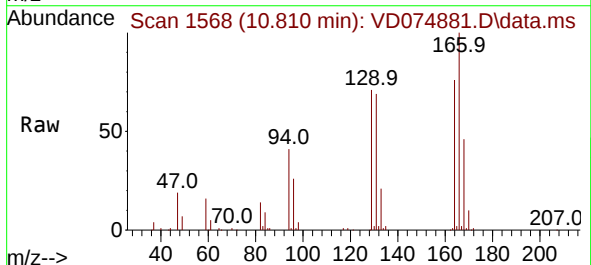
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

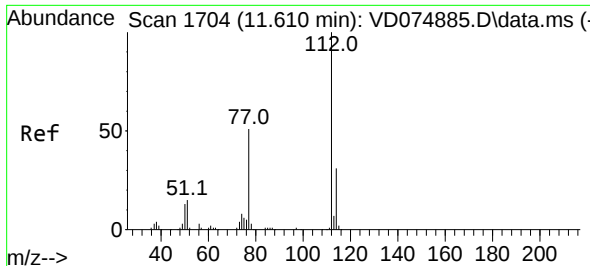
Tgt Ion:117 Resp: 225763
Ion Ratio Lower Upper
117 100
82 51.9 41.6 62.4
119 32.7 25.2 37.8



#64
Tetrachloroethene
Concen: 56.599 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD074881.D
Acq: 11 Nov 2022 09:50

Tgt Ion:164 Resp: 85674
Ion Ratio Lower Upper
164 100
166 131.6 107.8 161.8
129 93.4 77.4 116.2
131 91.0 69.5 104.3

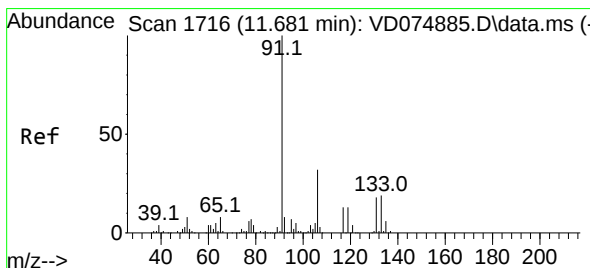
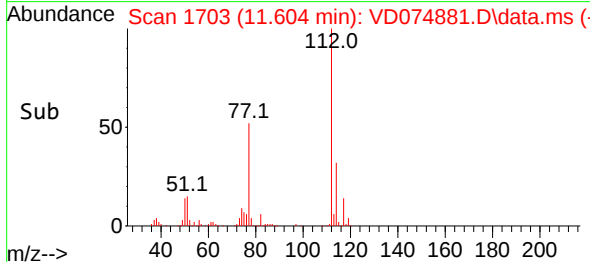
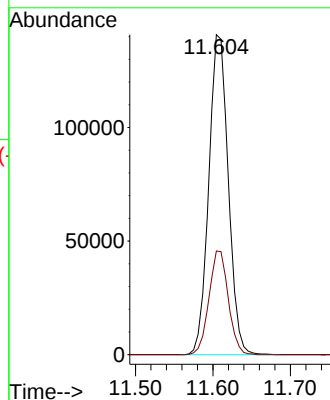
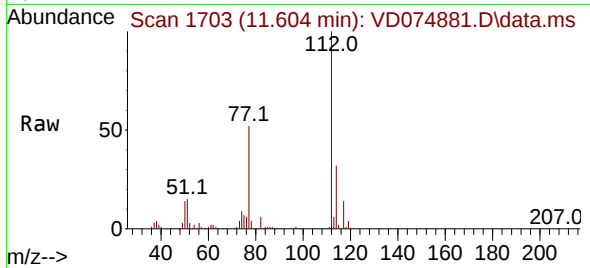




#65
Chlorobenzene
Concen: 55.703 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VD074881.D
Acq: 11 Nov 2022 09:50

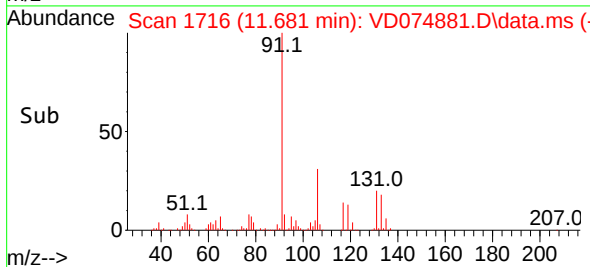
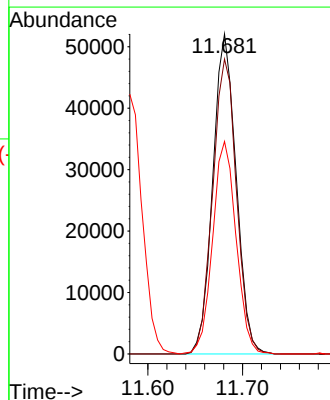
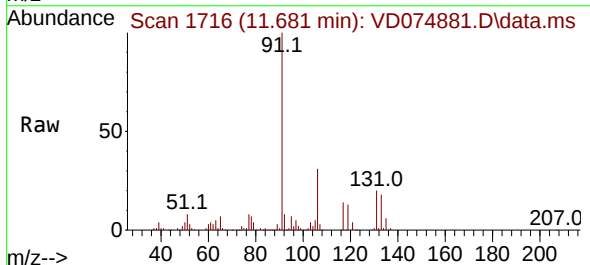
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

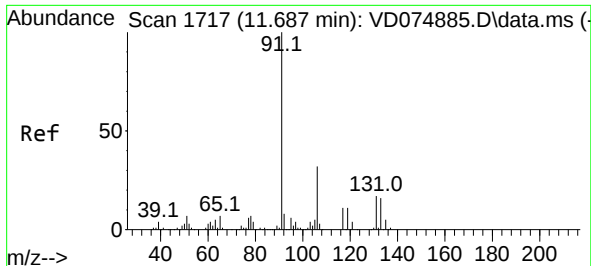
Tgt Ion:112 Resp: 246013
Ion Ratio Lower Upper
112 100
114 32.4 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 57.571 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD074881.D
Acq: 11 Nov 2022 09:50

Tgt Ion:131 Resp: 89087
Ion Ratio Lower Upper
131 100
133 94.6 46.6 139.8
119 67.0 32.5 97.4

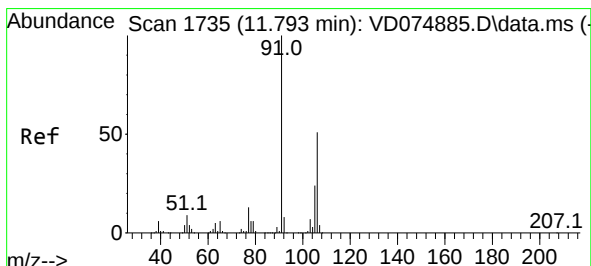
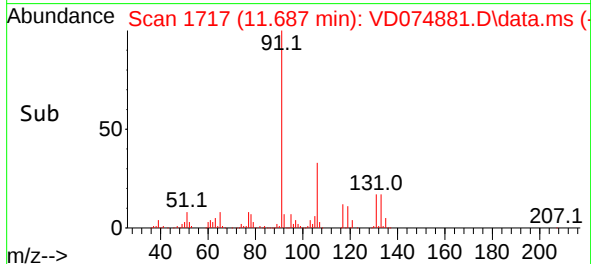
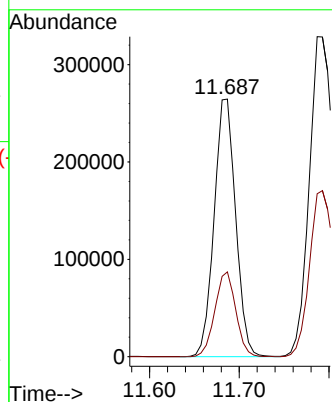
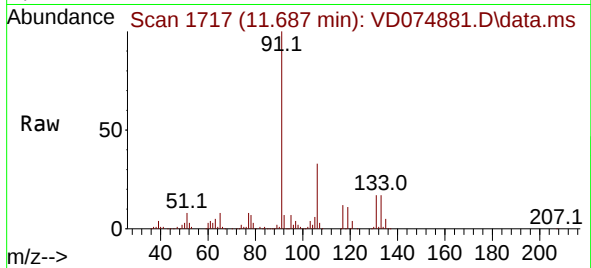




#67
Ethyl Benzene
Concen: 57.336 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD074881.D
Acq: 11 Nov 2022 09:50

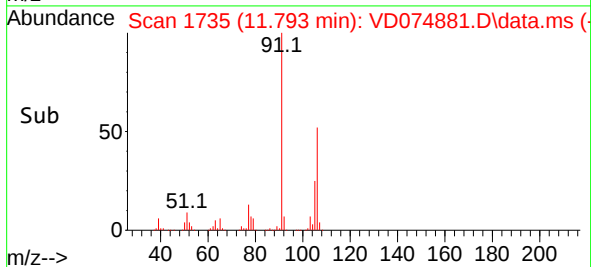
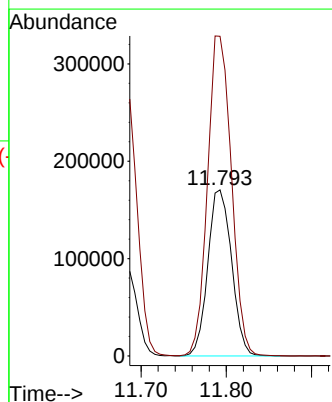
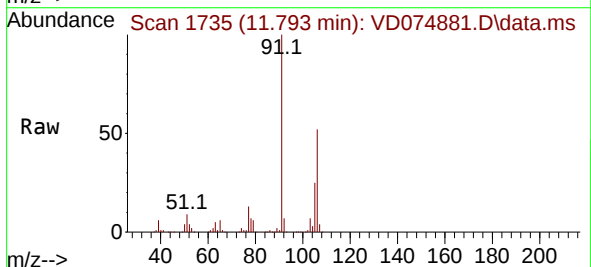
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

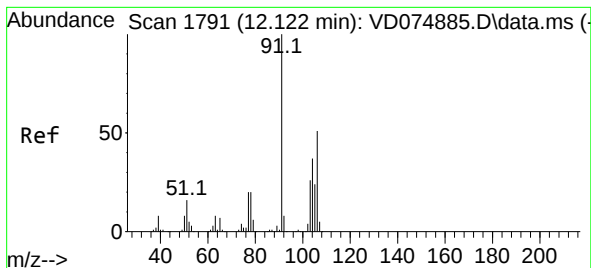
Tgt Ion: 91 Resp: 441163
Ion Ratio Lower Upper
91 100
106 32.9 26.6 40.0



#68
m/p-Xylenes
Concen: 107.600 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD074881.D
Acq: 11 Nov 2022 09:50

Tgt Ion: 106 Resp: 330098
Ion Ratio Lower Upper
106 100
91 193.8 156.2 234.4





#69

o-Xylene

Concen: 50.607 ug/l

RT: 12.122 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VD074881.D

Acq: 11 Nov 2022 09:50

Instrument :

MSVOA_D

ClientSampleId :

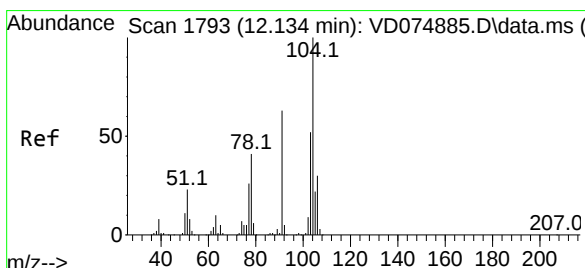
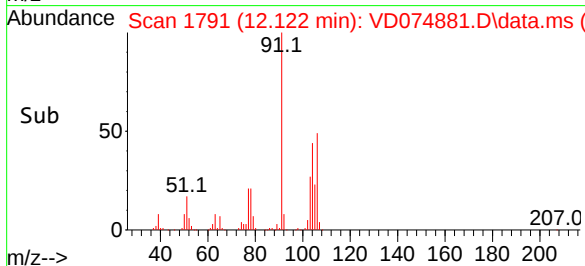
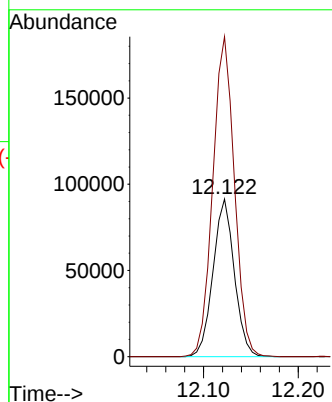
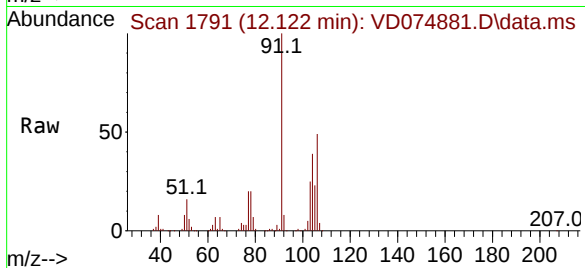
VSTDCCC050

Tgt Ion:106 Resp: 142838

Ion Ratio Lower Upper

106 100

91 206.2 104.5 313.3



#70

Styrene

Concen: 52.785 ug/l

RT: 12.134 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VD074881.D

Acq: 11 Nov 2022 09:50

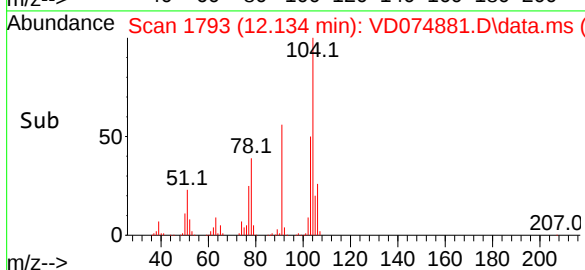
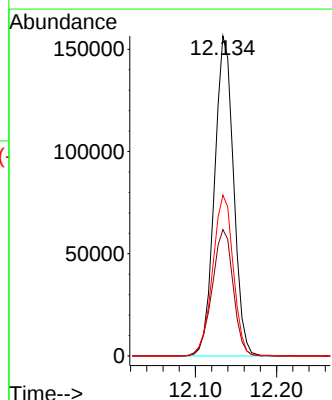
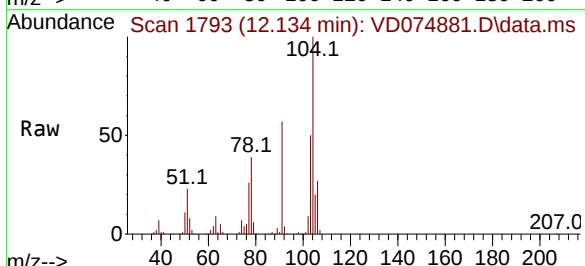
Tgt Ion:104 Resp: 255387

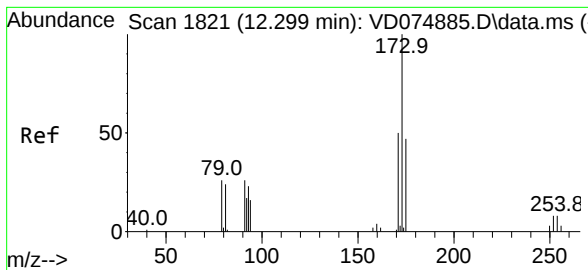
Ion Ratio Lower Upper

104 100

78 43.6 35.7 53.5

103 54.3 43.7 65.5

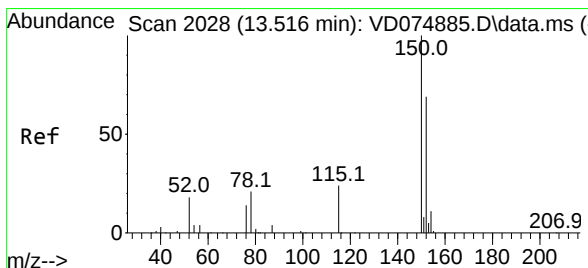
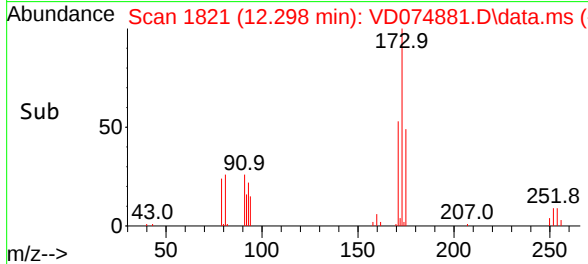
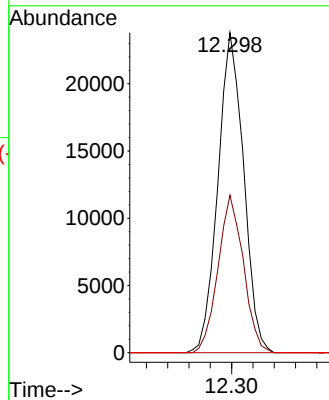
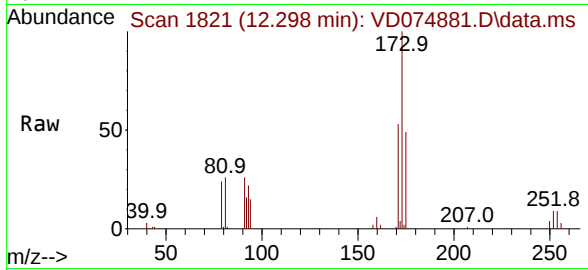




#71
Bromoform
Concen: 49.660 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. -0.001 min
Lab File: VD074881.D
Acq: 11 Nov 2022 09:50

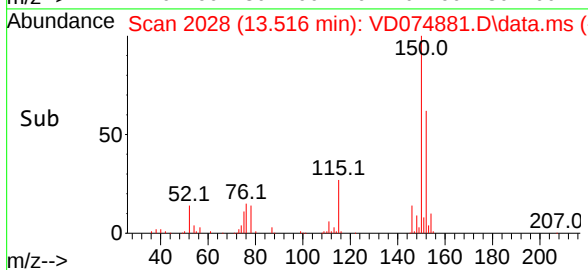
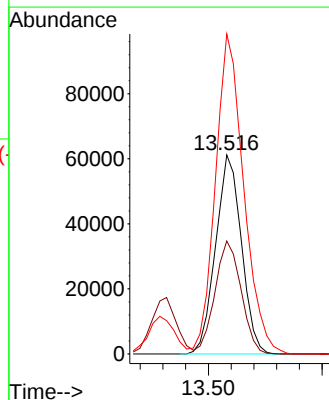
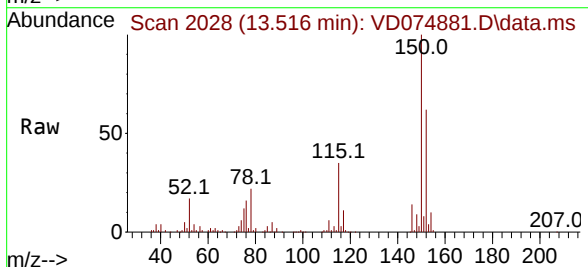
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

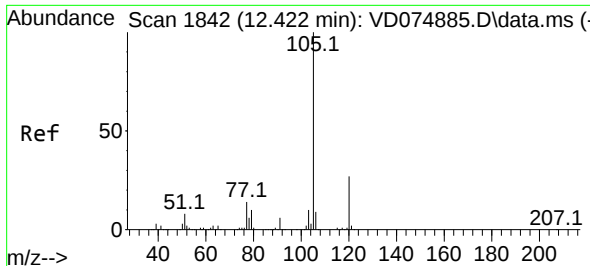
Tgt Ion:173 Resp: 39771
Ion Ratio Lower Upper
173 100
175 48.6 23.1 69.3
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD074881.D
Acq: 11 Nov 2022 09:50

Tgt Ion:152 Resp: 96551
Ion Ratio Lower Upper
152 100
115 57.6 26.8 80.4
150 176.5 0.0 348.2

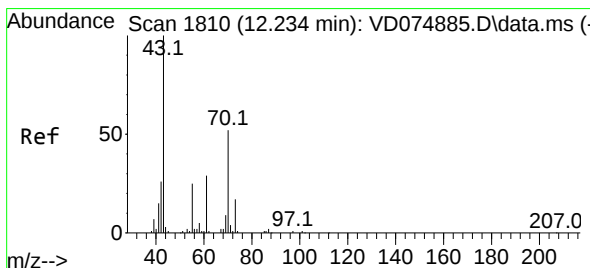
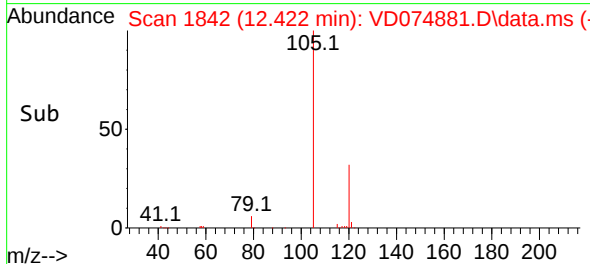
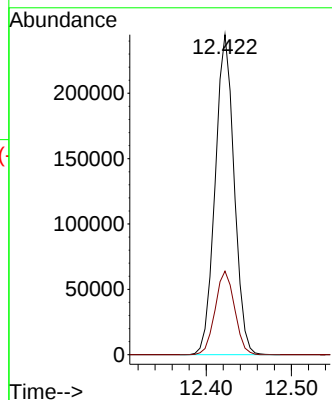
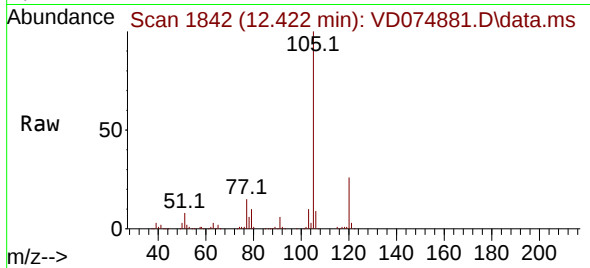




#73
Isopropylbenzene
Concen: 56.945 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD074881.D
Acq: 11 Nov 2022 09:50

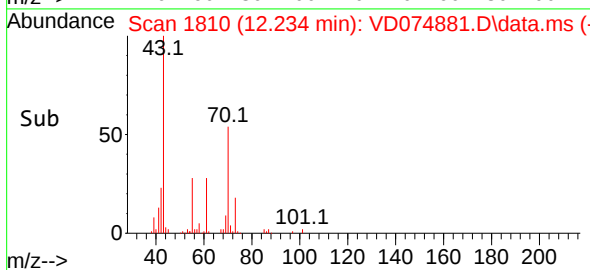
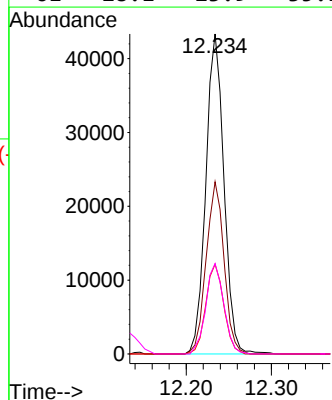
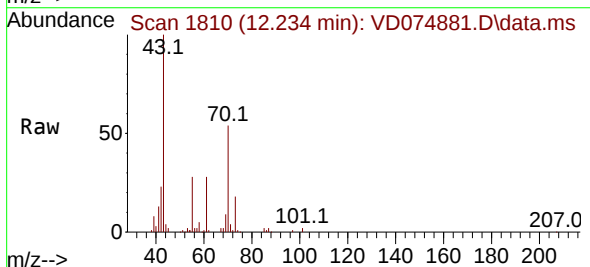
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

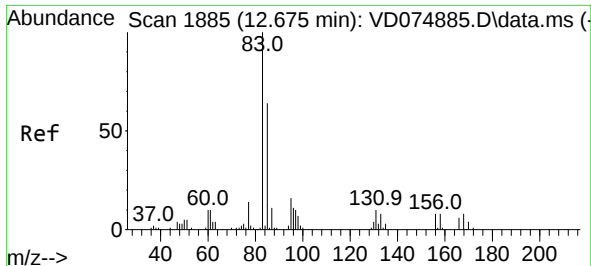
Tgt Ion:105 Resp: 378429
Ion Ratio Lower Upper
105 100
120 26.7 13.5 40.4



#74
N-ethyl acetate
Concen: 58.544 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD074881.D
Acq: 11 Nov 2022 09:50

Tgt Ion: 43 Resp: 64011
Ion Ratio Lower Upper
43 100
70 53.1 43.8 65.6
55 27.8 22.0 33.0
61 28.1 23.9 35.9

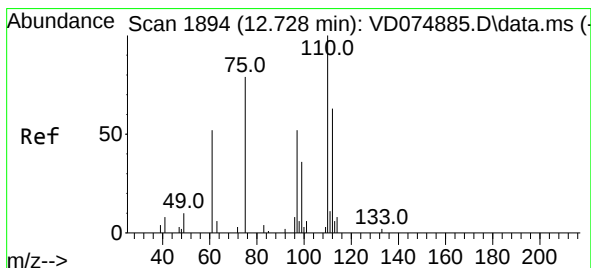
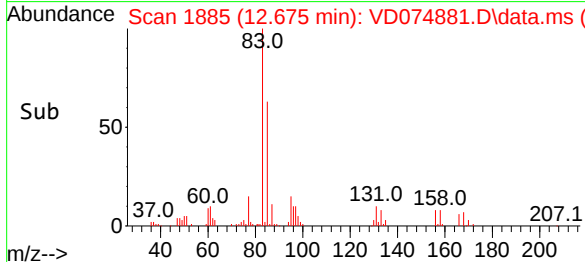
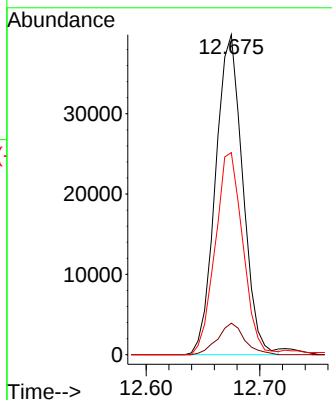
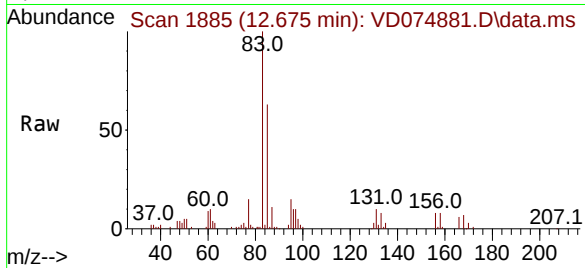




#75
 1,1,2,2-Tetrachloroethane
 Concen: 56.414 ug/l
 RT: 12.675 min Scan# 1885
 Delta R.T. -0.000 min
 Lab File: VD074881.D
 Acq: 11 Nov 2022 09:50

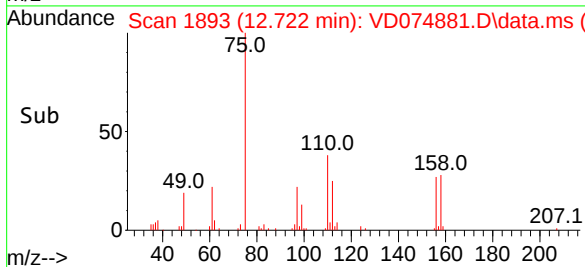
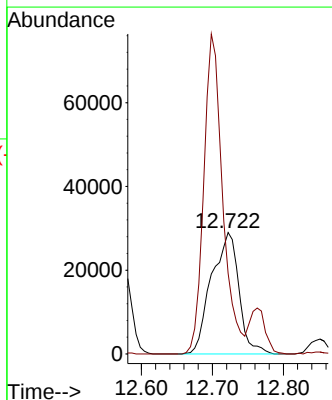
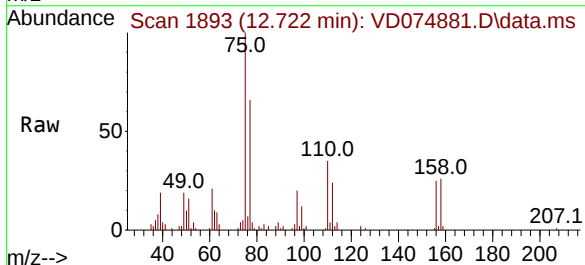
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

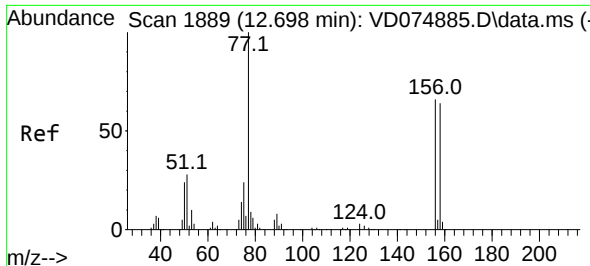
Tgt Ion: 83 Resp: 66315
 Ion Ratio Lower Upper
 83 100
 131 9.7 4.7 14.1
 85 64.3 33.1 99.2



#76
 1,2,3-Trichloropropane
 Concen: 96.446 ug/l
 RT: 12.722 min Scan# 1893
 Delta R.T. -0.006 min
 Lab File: VD074881.D
 Acq: 11 Nov 2022 09:50

Tgt Ion: 75 Resp: 77885
 Ion Ratio Lower Upper
 75 100
 77 0.0 185.8 557.5#

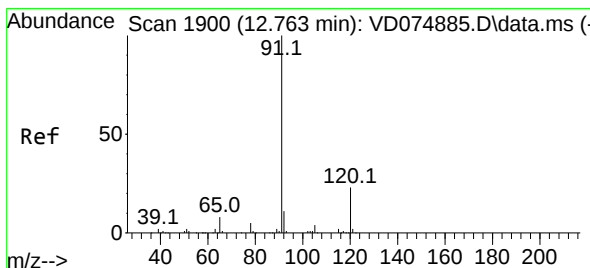
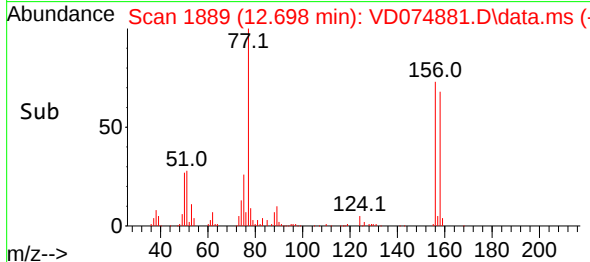
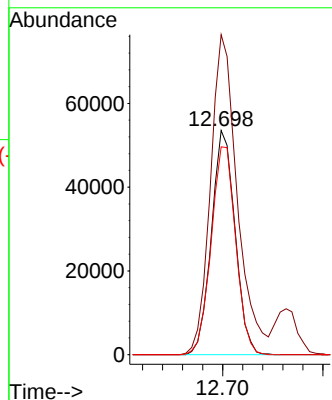
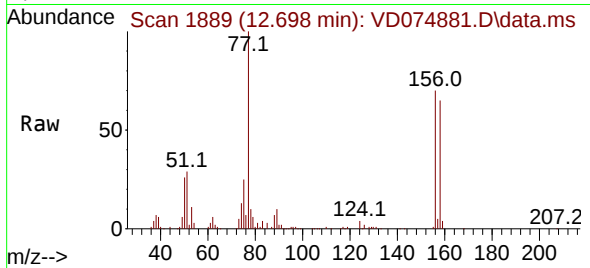




#77
Bromobenzene
Concen: 56.279 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VD074881.D
Acq: 11 Nov 2022 09:50

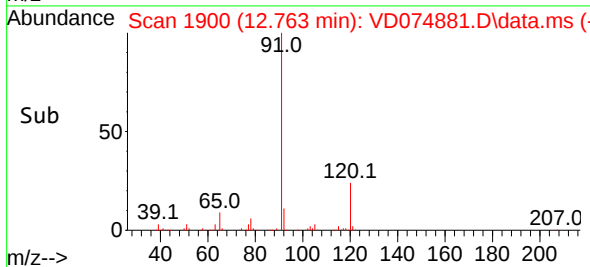
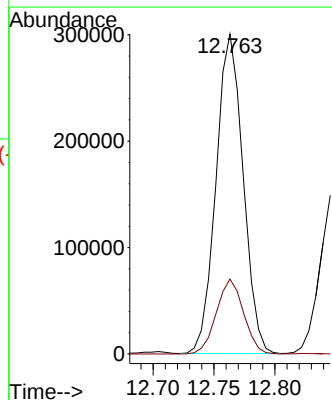
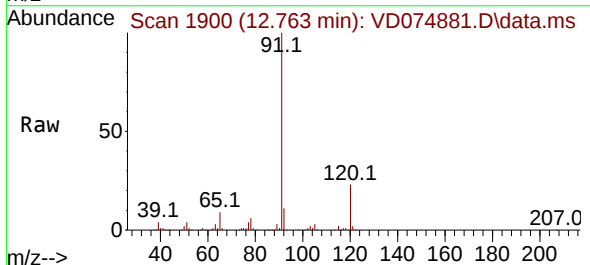
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

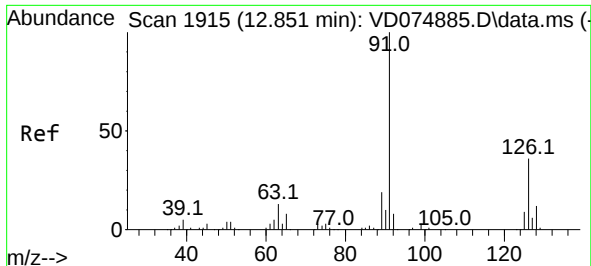
Tgt Ion:156 Resp: 87523
Ion Ratio Lower Upper
156 100
77 162.2 77.7 233.1
158 96.4 49.4 148.2



#78
n-propylbenzene
Concen: 56.886 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD074881.D
Acq: 11 Nov 2022 09:50

Tgt Ion: 91 Resp: 464694
Ion Ratio Lower Upper
91 100
120 23.4 11.9 35.7

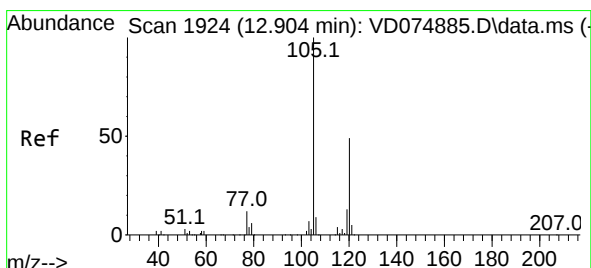
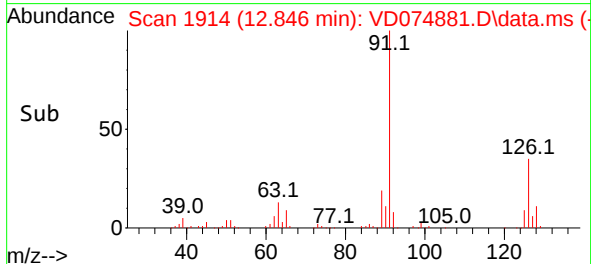
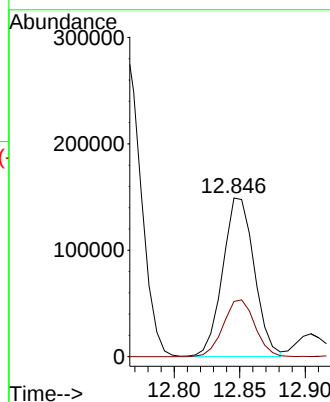
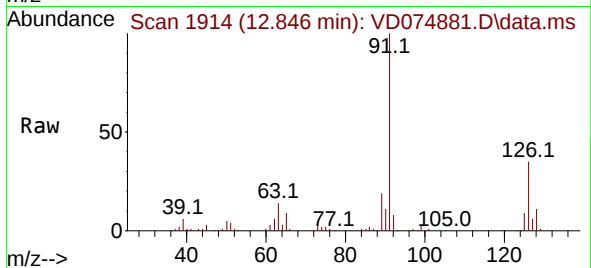




#79
2-Chlorotoluene
Concen: 56.637 ug/l
RT: 12.846 min Scan# 1915
Delta R.T. -0.005 min
Lab File: VD074881.D
Acq: 11 Nov 2022 09:50

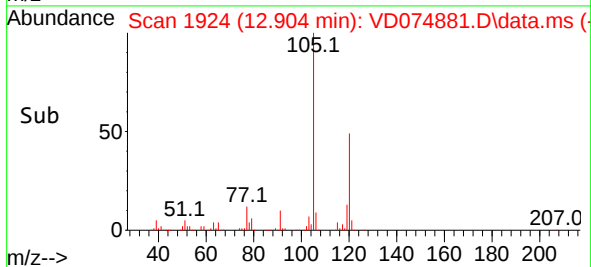
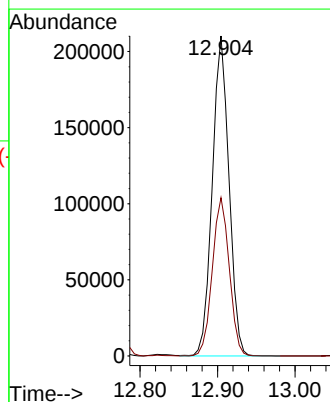
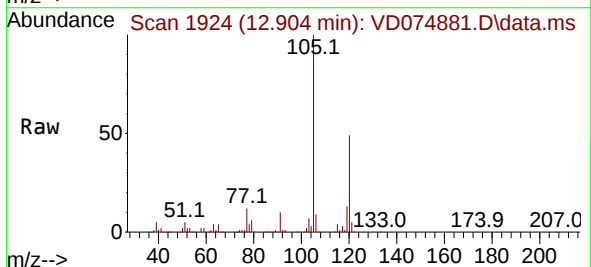
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

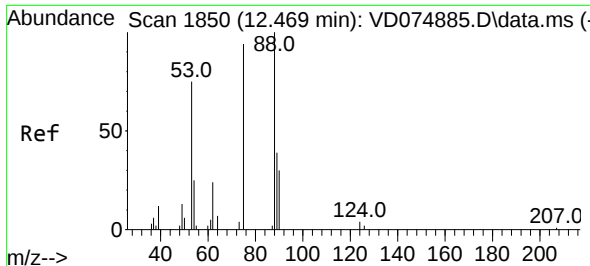
Tgt Ion: 91 Resp: 249290
Ion Ratio Lower Upper
91 100
126 36.0 18.3 54.8



#80
1,3,5-Trimethylbenzene
Concen: 56.802 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD074881.D
Acq: 11 Nov 2022 09:50

Tgt Ion: 105 Resp: 314526
Ion Ratio Lower Upper
105 100
120 50.3 25.7 77.0

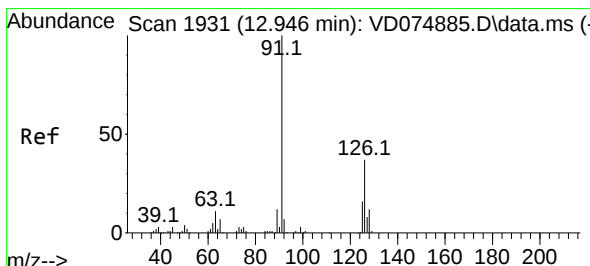
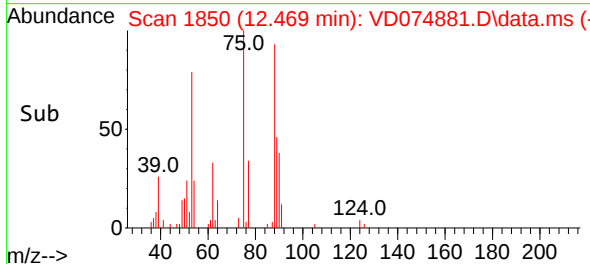
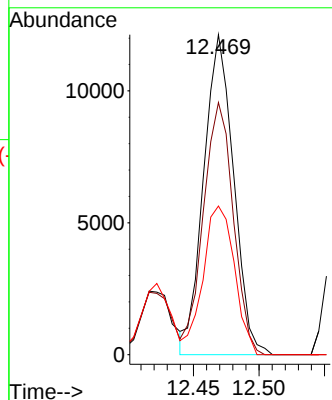
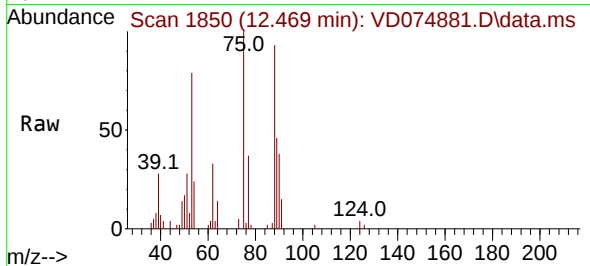




#81
trans-1,4-Dichloro-2-butene
Concen: 58.519 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD074881.D
Acq: 11 Nov 2022 09:50

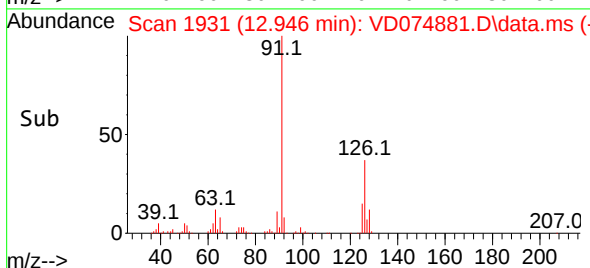
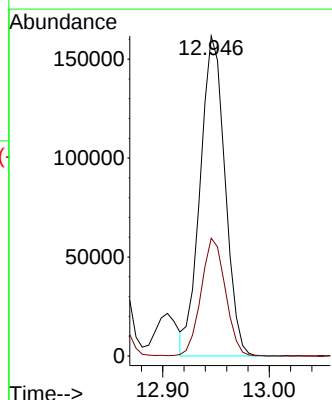
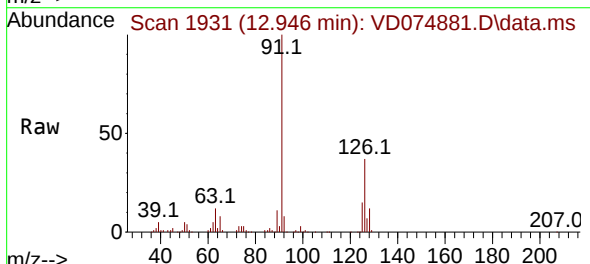
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

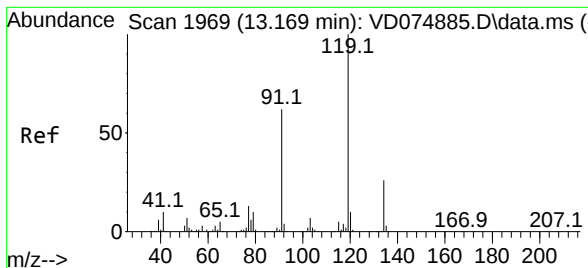
Tgt Ion: 75 Resp: 19210
Ion Ratio Lower Upper
75 100
53 79.2 63.8 95.6
89 49.2 38.2 57.4



#82
4-Chlorotoluene
Concen: 57.137 ug/l
RT: 12.946 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD074881.D
Acq: 11 Nov 2022 09:50

Tgt Ion: 91 Resp: 261892
Ion Ratio Lower Upper
91 100
126 36.1 18.8 56.4

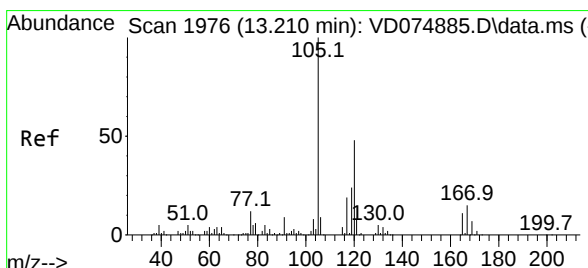
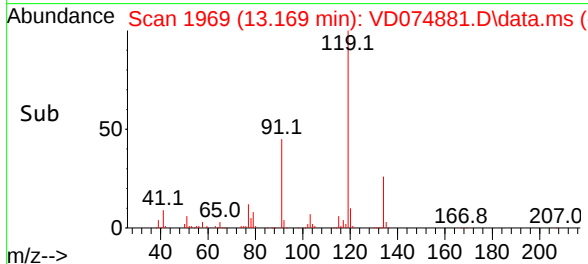
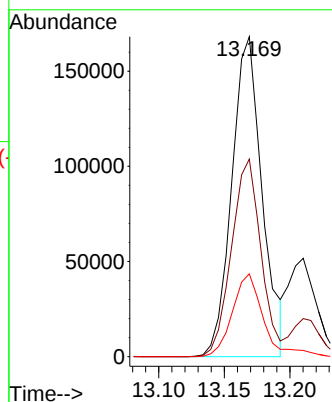
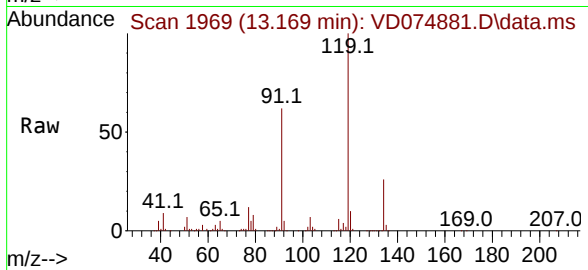




#83
 tert-Butylbenzene
 Concen: 56.334 ug/l
 RT: 13.169 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD074881.D
 Acq: 11 Nov 2022 09:50

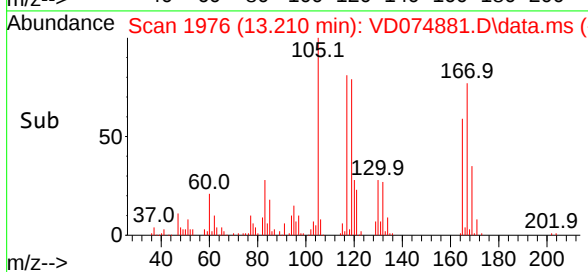
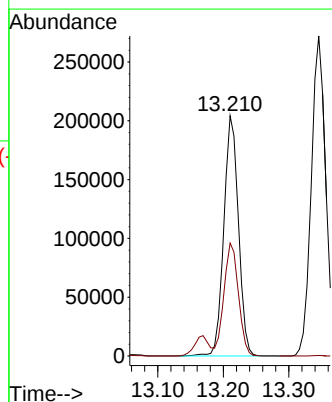
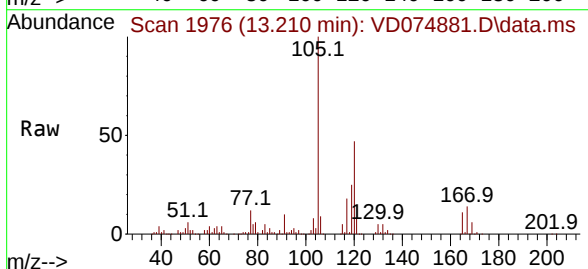
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

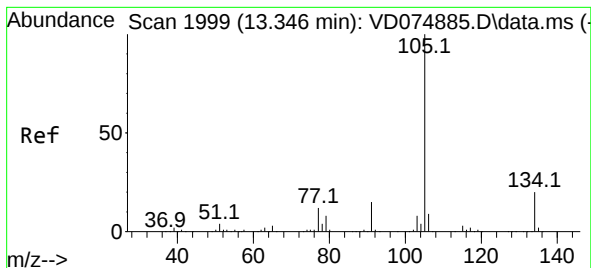
Tgt Ion:119 Resp: 270666
 Ion Ratio Lower Upper
 119 100
 91 60.0 30.0 90.0
 134 26.5 13.4 40.1



#84
 1,2,4-Trimethylbenzene
 Concen: 57.437 ug/l
 RT: 13.210 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VD074881.D
 Acq: 11 Nov 2022 09:50

Tgt Ion:105 Resp: 314556
 Ion Ratio Lower Upper
 105 100
 120 46.4 22.9 68.7





#85

sec-Butylbenzene

Concen: 56.742 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. -0.001 min

Lab File: VD074881.D

Acq: 11 Nov 2022 09:50

Instrument :

MSVOA_D

ClientSampleId :

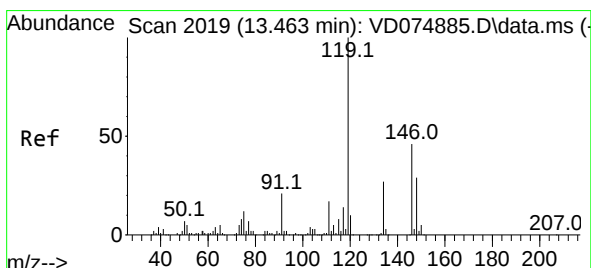
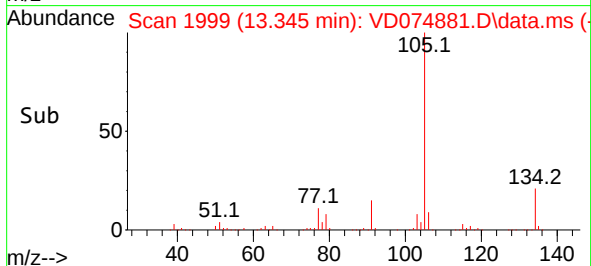
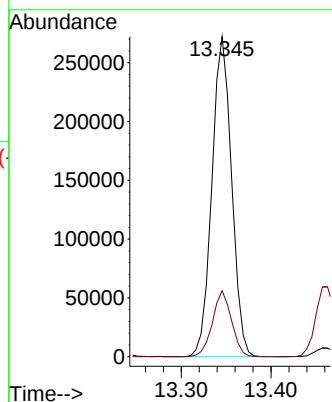
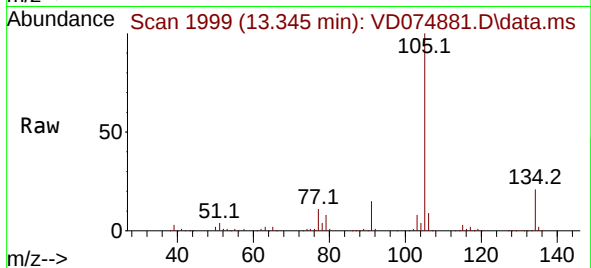
VSTDCCC050

Tgt Ion:105 Resp: 414695

Ion Ratio Lower Upper

105 100

134 19.9 10.0 30.0



#86

p-Isopropyltoluene

Concen: 57.036 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VD074881.D

Acq: 11 Nov 2022 09:50

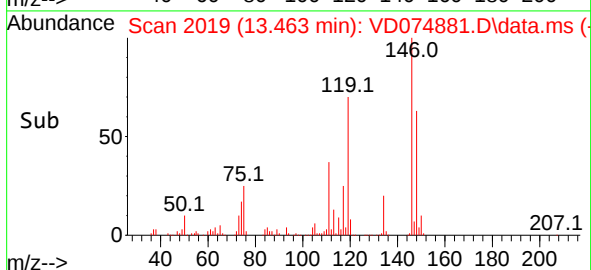
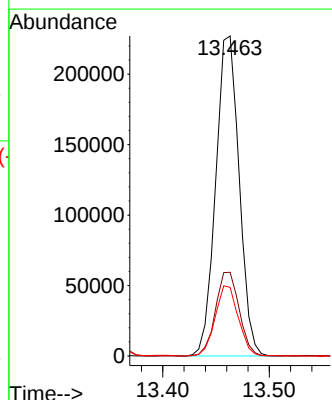
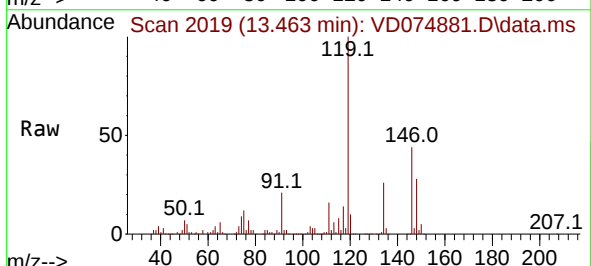
Tgt Ion:119 Resp: 346613

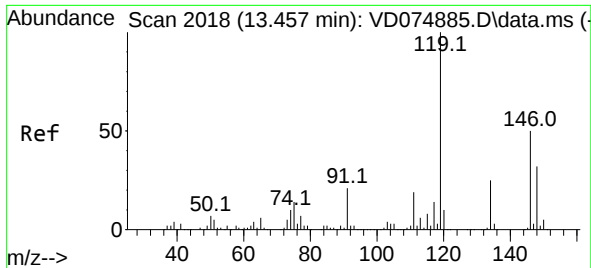
Ion Ratio Lower Upper

119 100

134 26.4 13.5 40.4

91 21.8 10.8 32.4

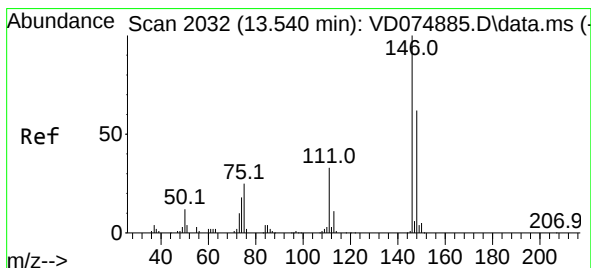
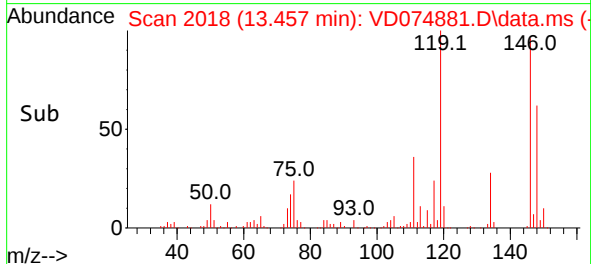
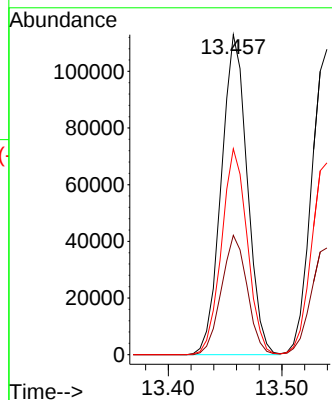
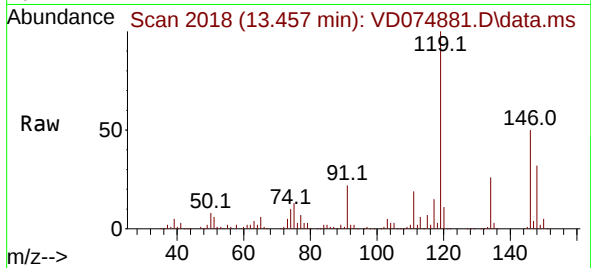




#87
1,3-Dichlorobenzene
Concen: 55.396 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD074881.D
Acq: 11 Nov 2022 09:50

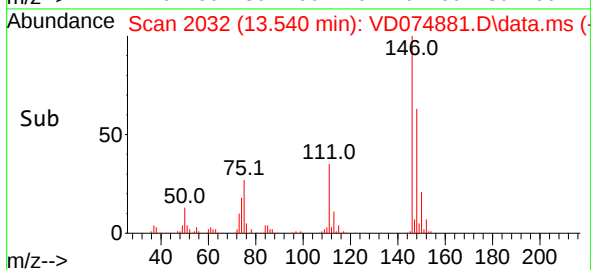
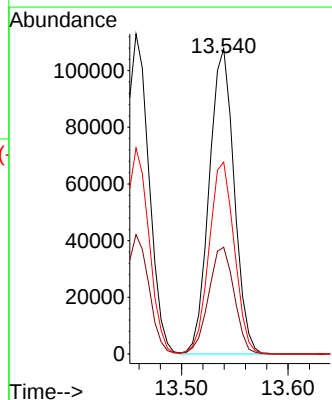
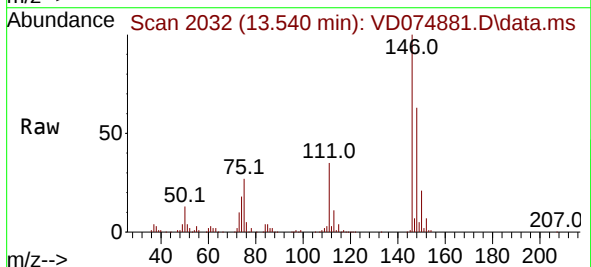
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

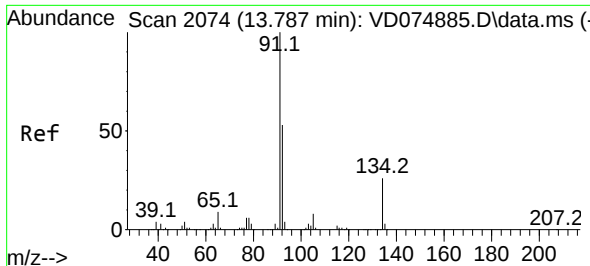
Tgt Ion:146 Resp: 179209
Ion Ratio Lower Upper
146 100
111 37.0 18.3 54.8
148 63.7 31.8 95.4



#88
1,4-Dichlorobenzene
Concen: 54.640 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD074881.D
Acq: 11 Nov 2022 09:50

Tgt Ion:146 Resp: 175437
Ion Ratio Lower Upper
146 100
111 35.9 17.7 53.1
148 63.5 32.3 96.9

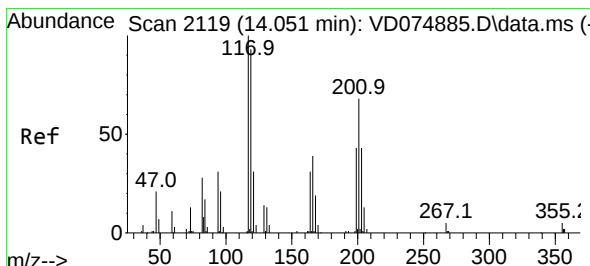
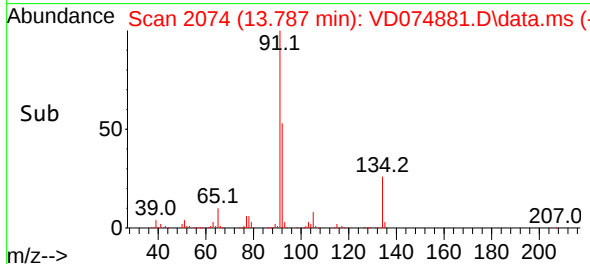
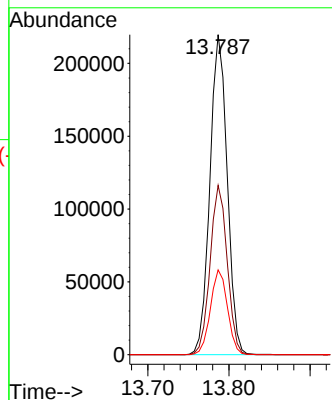
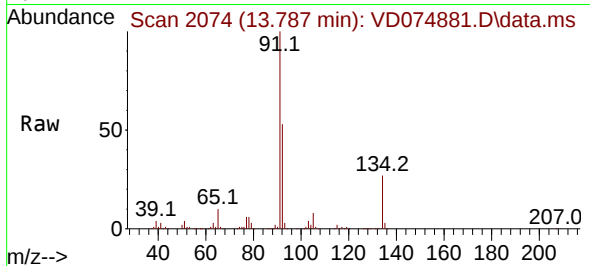




#89
n-Butylbenzene
Concen: 57.595 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. -0.000 min
Lab File: VD074881.D
Acq: 11 Nov 2022 09:50

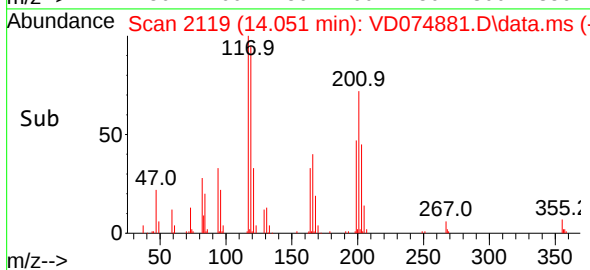
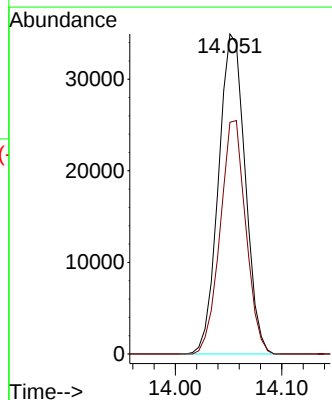
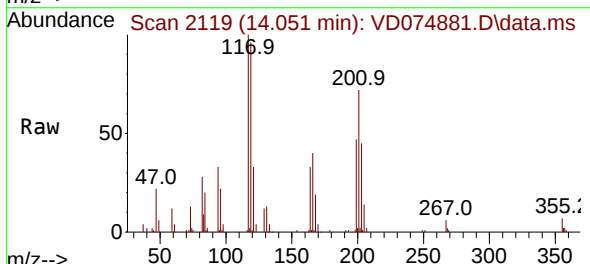
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

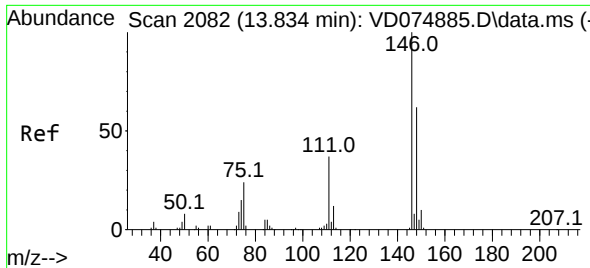
Tgt Ion: 91 Resp: 324952
Ion Ratio Lower Upper
91 100
92 52.3 26.9 80.7
134 26.1 13.4 40.2



#90
Hexachloroethane
Concen: 55.764 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VD074881.D
Acq: 11 Nov 2022 09:50

Tgt Ion: 117 Resp: 60694
Ion Ratio Lower Upper
117 100
201 70.3 38.0 114.0

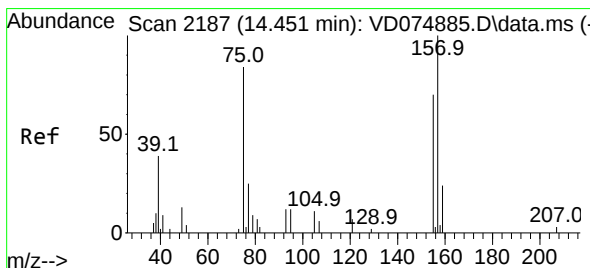
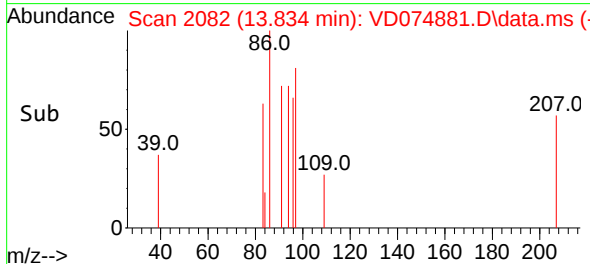
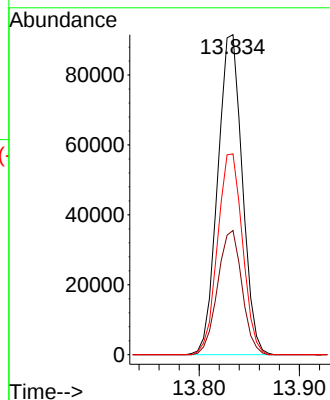
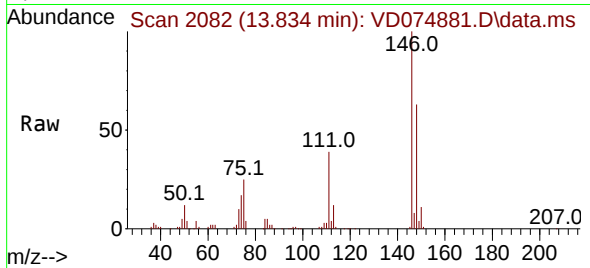




#91
1,2-Dichlorobenzene
Concen: 56.548 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VD074881.D
Acq: 11 Nov 2022 09:50

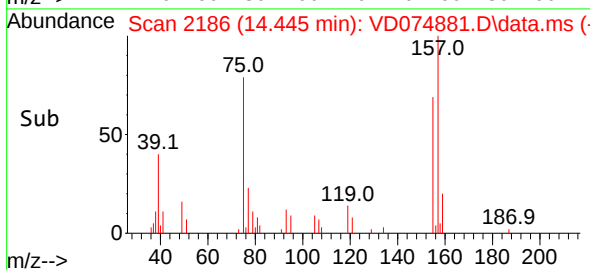
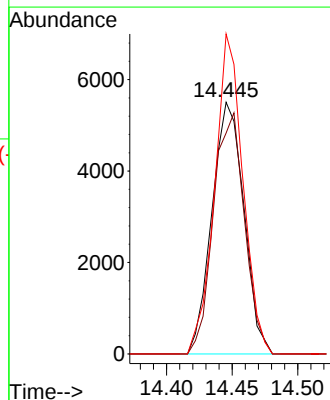
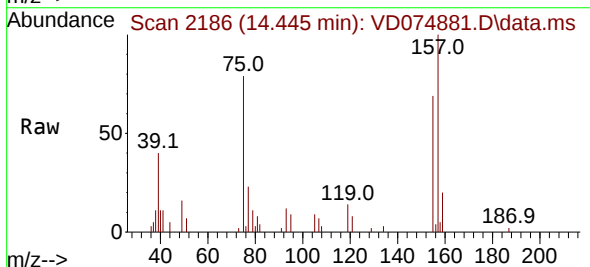
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

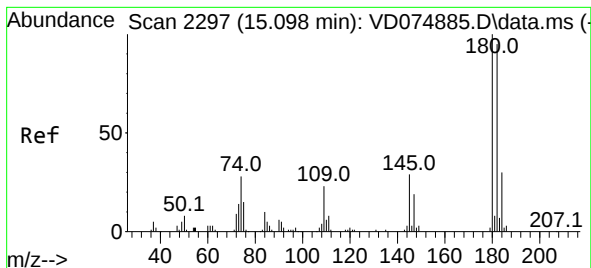
Tgt Ion:146 Resp: 155564
Ion Ratio Lower Upper
146 100
111 38.5 18.9 56.5
148 63.8 31.9 95.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 57.518 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VD074881.D
Acq: 11 Nov 2022 09:50

Tgt Ion: 75 Resp: 9322
Ion Ratio Lower Upper
75 100
155 93.2 51.2 153.8
157 112.4 68.2 204.5





#93

1,2,4-Trichlorobenzene

Concen: 55.664 ug/l

RT: 15.098 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD074881.D

Acq: 11 Nov 2022 09:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

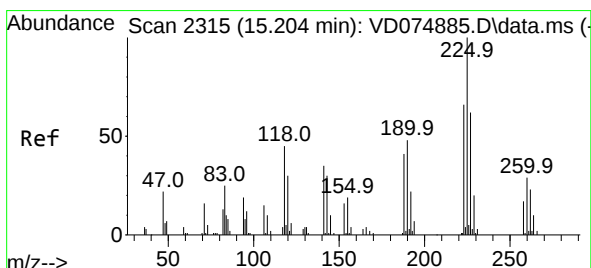
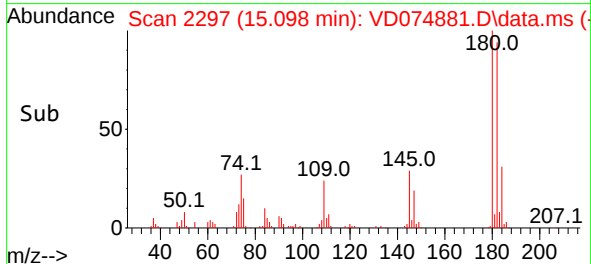
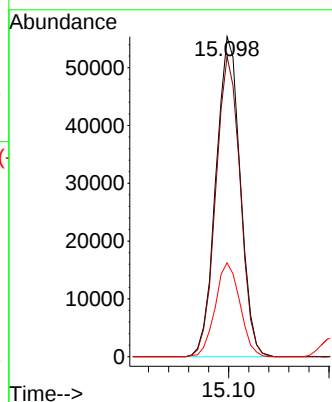
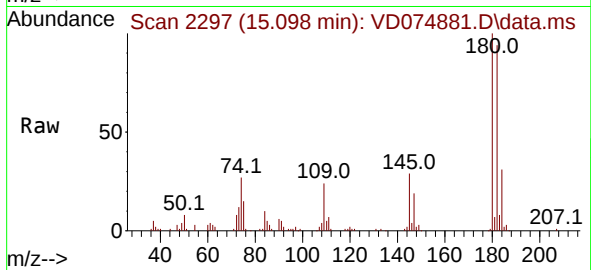
Tgt Ion:180 Resp: 93212

Ion Ratio Lower Upper

180 100

182 93.9 46.9 140.6

145 29.7 14.1 42.3



#94

Hexachlorobutadiene

Concen: 53.764 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD074881.D

Acq: 11 Nov 2022 09:50

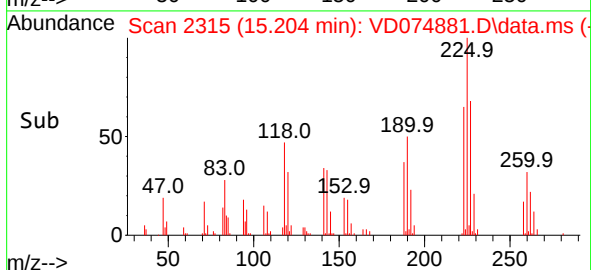
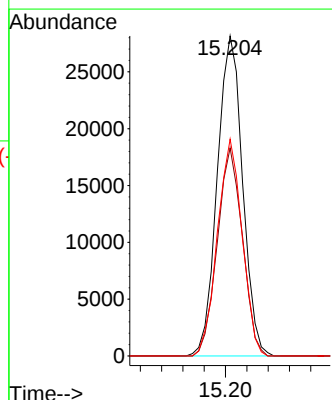
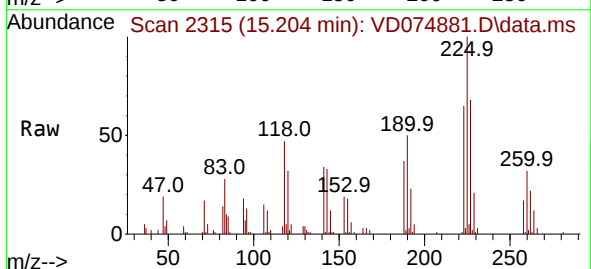
Tgt Ion:225 Resp: 46440

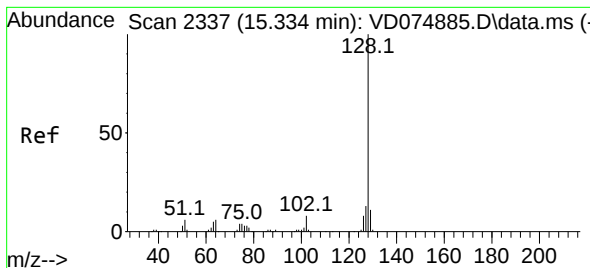
Ion Ratio Lower Upper

225 100

223 64.2 31.9 95.5

227 66.1 32.6 97.8





#95

Naphthalene

Concen: 57.578 ug/l

RT: 15.334 min Scan# 2337

Delta R.T. -0.000 min

Lab File: VD074881.D

Acq: 11 Nov 2022 09:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

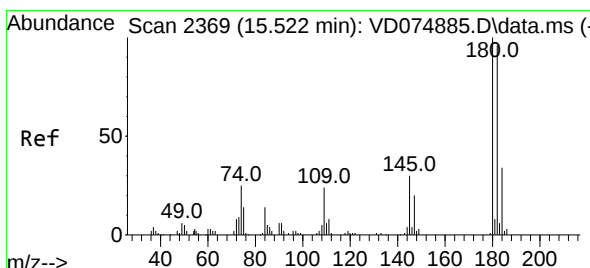
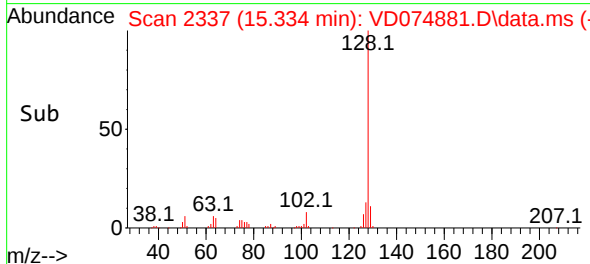
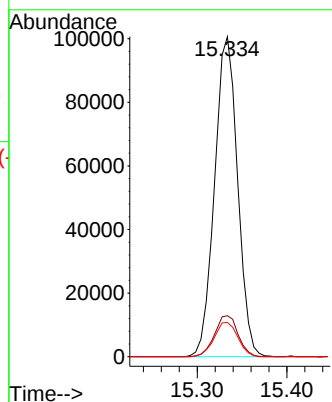
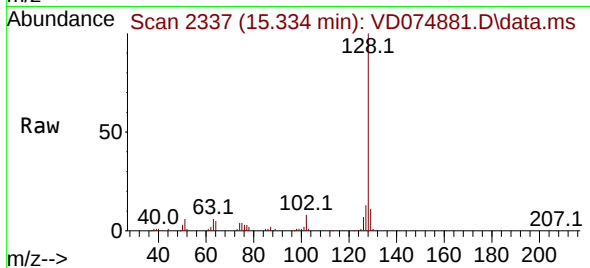
Tgt Ion:128 Resp: 178955

Ion Ratio Lower Upper

128 100

127 13.1 10.6 16.0

129 11.1 8.3 12.5



#96

1,2,3-Trichlorobenzene

Concen: 56.724 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. -0.000 min

Lab File: VD074881.D

Acq: 11 Nov 2022 09:50

Tgt Ion:180 Resp: 82143

Ion Ratio Lower Upper

180 100

182 94.2 46.7 140.1

145 30.7 14.9 44.7

