

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082422\
 Data File : VD074231.D
 Acq On : 24 Aug 2022 19:02
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 25 05:03:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 23 13:12:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	144422	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	223875	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	217290	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	113710	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	71801	48.653	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.300%
35) Dibromofluoromethane	7.902	113	77672	51.869	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.740%
50) Toluene-d8	10.332	98	235884	48.944	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.880%
62) 4-Bromofluorobenzene	12.614	95	98258	51.607	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.220%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.991	85	53914	44.486	ug/l 96
3) Chloromethane	2.209	50	39441	45.677	ug/l 95
4) Vinyl Chloride	2.344	62	41817	46.132	ug/l 95
5) Bromomethane	2.762	94	23871	40.776	ug/l 93
6) Chloroethane	2.914	64	29179	49.602	ug/l 99
7) Trichlorofluoromethane	3.262	101	128366	48.746	ug/l 95
8) Diethyl Ether	3.703	74	36117	51.038	ug/l 90
9) 1,1,2-Trichlorotrifluo...	4.085	101	81251	50.993	ug/l 96
10) Methyl Iodide	4.285	142	88349	45.890	ug/l 99
11) Tert butyl alcohol	5.220	59	26211	285.213	ug/l # 87
12) 1,1-Dichloroethene	4.056	96	69464	48.747	ug/l 92
13) Acrolein	3.926	56	8206	221.274	ug/l 96
14) Allyl chloride	4.709	41	108333	48.560	ug/l 95
15) Acrylonitrile	5.414	53	94537	287.316	ug/l 96
16) Acetone	4.156	43	73248	260.519	ug/l 96
17) Carbon Disulfide	4.403	76	187170	41.096	ug/l 98
18) Methyl Acetate	4.720	43	44798	54.077	ug/l # 90
19) Methyl tert-butyl Ether	5.479	73	181068	53.060	ug/l 100
20) Methylene Chloride	4.956	84	97980	55.111	ug/l 88
21) trans-1,2-Dichloroethene	5.461	96	82049	49.242	ug/l 93
22) Diisopropyl ether	6.361	45	250192	54.684	ug/l # 93
23) Vinyl Acetate	6.303	43	650908	252.178	ug/l # 92
24) 1,1-Dichloroethane	6.255	63	154223	51.129	ug/l 99
25) 2-Butanone	7.208	43	116307	267.211	ug/l 94
26) 2,2-Dichloropropane	7.203	77	135538	49.870	ug/l 97
27) cis-1,2-Dichloroethene	7.203	96	96243	51.399	ug/l 92
28) Bromochloromethane	7.538	49	50739	55.650	ug/l # 78
29) Tetrahydrofuran	7.555	42	75715	288.243	ug/l 92
30) Chloroform	7.702	83	170625	53.651	ug/l 97
31) Cyclohexane	7.979	56	122550	46.654	ug/l 93
32) 1,1,1-Trichloroethane	7.897	97	151347	51.355	ug/l 97
36) 1,1-Dichloropropene	8.102	75	123808	54.702	ug/l 98
37) Ethyl Acetate	7.291	43	55294	61.963	ug/l # 93
38) Carbon Tetrachloride	8.091	117	131541	54.103	ug/l 95
39) Methylcyclohexane	9.344	83	135336	47.453	ug/l 97
40) Benzene	8.344	78	341497	53.527	ug/l 100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	31607	58.922	ug/l	93
42) 1,2-Dichloroethane	8.414	62	104109	55.360	ug/l	97
43) Isopropyl Acetate	8.444	43	102099	56.879	ug/l #	93
44) Trichloroethene	9.102	130	96282	52.055	ug/l	98
45) 1,2-Dichloropropane	9.379	63	89914	56.459	ug/l	94
46) Dibromomethane	9.467	93	50525	56.867	ug/l	93
47) Bromodichloromethane	9.649	83	129782	56.161	ug/l #	98
48) Methyl methacrylate	9.449	41	45645	55.004	ug/l #	80
49) 1,4-Dioxane	9.455	88	12221	1212.202	ug/l	97
51) 4-Methyl-2-Pentanone	10.220	43	277752	309.720	ug/l	95
52) Toluene	10.391	92	227518	54.251	ug/l	97
53) t-1,3-Dichloropropene	10.608	75	112446	53.656	ug/l	95
54) cis-1,3-Dichloropropene	10.079	75	137878	55.489	ug/l	90
55) 1,1,2-Trichloroethane	10.791	97	69065	56.837	ug/l	96
56) Ethyl methacrylate	10.649	69	82814	59.658	ug/l	85
57) 1,3-Dichloropropane	10.932	76	114966	56.617	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	91846	218.580	ug/l	94
59) 2-Hexanone	10.973	43	185049	306.045	ug/l	95
60) Dibromochloromethane	11.126	129	89487	56.706	ug/l	98
61) 1,2-Dibromoethane	11.238	107	65948	55.639	ug/l	98
64) Tetrachloroethene	10.867	164	78184	49.307	ug/l	92
65) Chlorobenzene	11.655	112	243080	51.330	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.732	131	92262	51.821	ug/l	98
67) Ethyl Benzene	11.732	91	429475	52.990	ug/l	97
68) m/p-Xylenes	11.843	106	341859	105.901	ug/l	98
69) o-Xylene	12.167	106	158322	53.153	ug/l	95
70) Styrene	12.179	104	277838	54.406	ug/l	96
71) Bromoform	12.343	173	52320	54.034	ug/l #	99
73) Isopropylbenzene	12.467	105	422967	51.372	ug/l	97
74) N-amyl acetate	12.273	43	93753	52.346	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.714	83	80953	55.052	ug/l	97
76) 1,2,3-Trichloropropane	12.767	75	96111	86.564	ug/l #	100
77) Bromobenzene	12.743	156	98506	50.499	ug/l	89
78) n-propylbenzene	12.802	91	531151	52.748	ug/l	97
79) 2-Chlorotoluene	12.890	91	297132	51.102	ug/l	96
80) 1,3,5-Trimethylbenzene	12.943	105	368048	52.033	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.514	75	22311	51.676	ug/l	87
82) 4-Chlorotoluene	12.990	91	315027	51.216	ug/l	97
83) tert-Butylbenzene	13.208	119	311691	52.312	ug/l	97
84) 1,2,4-Trimethylbenzene	13.249	105	361857	52.565	ug/l	99
85) sec-Butylbenzene	13.385	105	474189	52.651	ug/l	97
86) p-Isopropyltoluene	13.496	119	394963	53.149	ug/l	99
87) 1,3-Dichlorobenzene	13.496	146	201752	51.131	ug/l	100
88) 1,4-Dichlorobenzene	13.579	146	199495	50.183	ug/l	98
89) n-Butylbenzene	13.826	91	370451	52.596	ug/l	98
90) Hexachloroethane	14.090	117	75192	49.875	ug/l	98
91) 1,2-Dichlorobenzene	13.873	146	174109	50.748	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.479	75	12747	52.951	ug/l	82
93) 1,2,4-Trichlorobenzene	15.137	180	103838	49.591	ug/l	99
94) Hexachlorobutadiene	15.243	225	58100	49.443	ug/l	97
95) Naphthalene	15.373	128	204477	48.353	ug/l	99
96) 1,2,3-Trichlorobenzene	15.567	180	92166	50.471	ug/l	98

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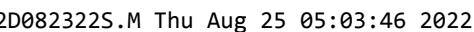
Instrument :
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ClientSampleId :
VSTDCCC050EC

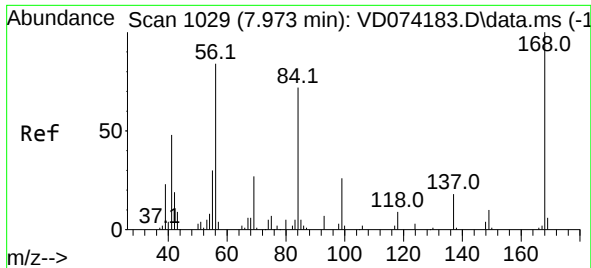
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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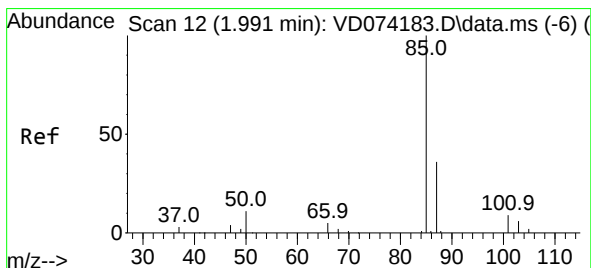
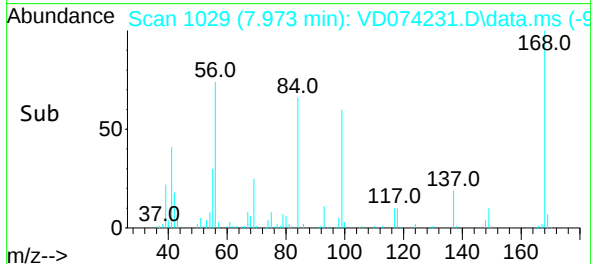
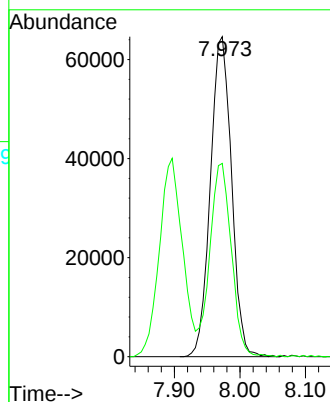
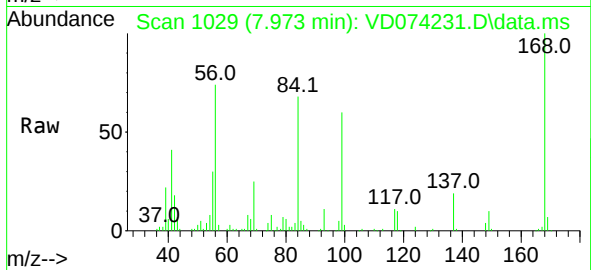




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD074231.D
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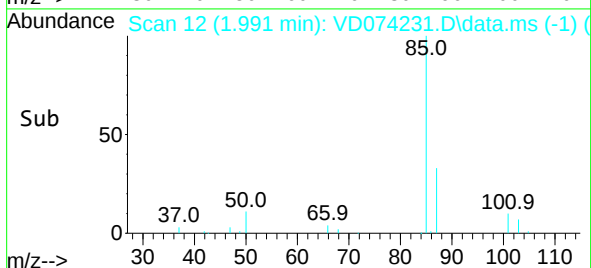
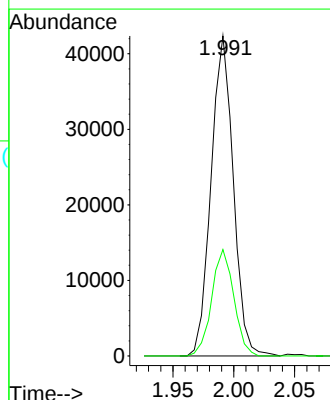
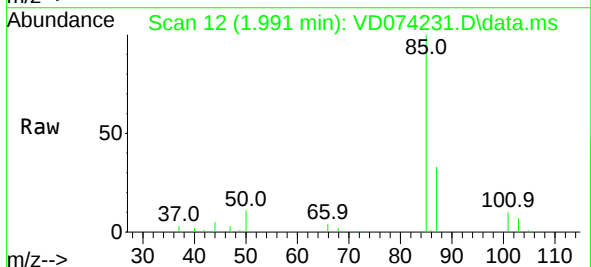
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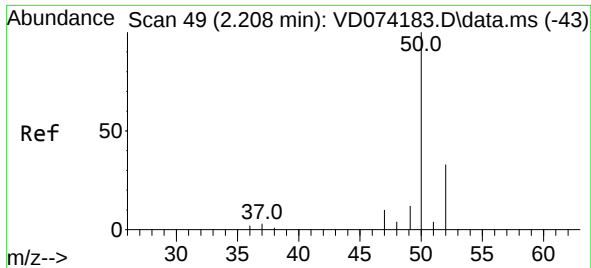
Tgt Ion:168 Resp: 144422
Ion Ratio Lower Upper
168 100
99 60.0 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 44.486 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD074231.D
Acq: 24 Aug 2022 19:02

Tgt Ion: 85 Resp: 53914
Ion Ratio Lower Upper
85 100
87 33.3 15.7 47.0

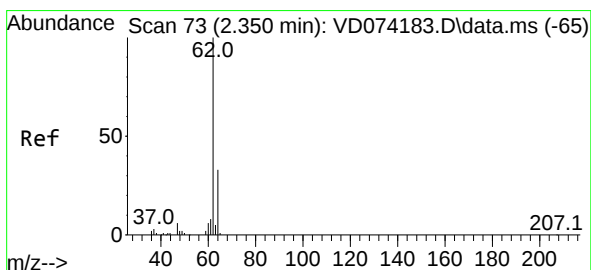
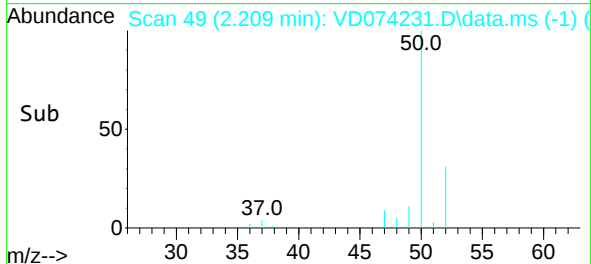
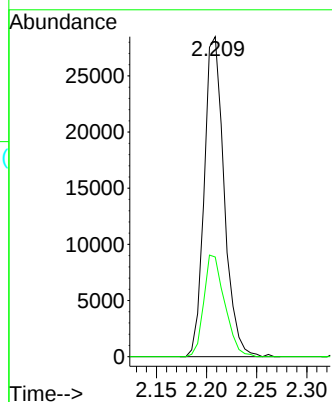
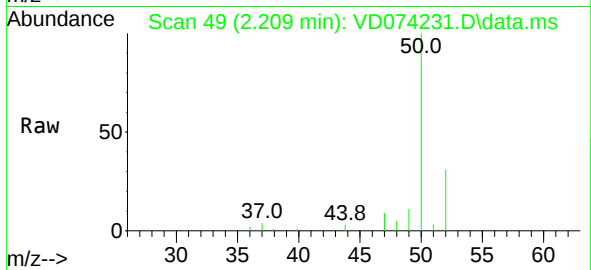




#3
Chloromethane
Concen: 45.677 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.001 min
Lab File: VD074231.D
Acq: 24 Aug 2022 19:02

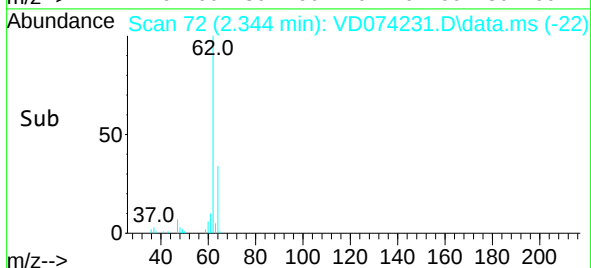
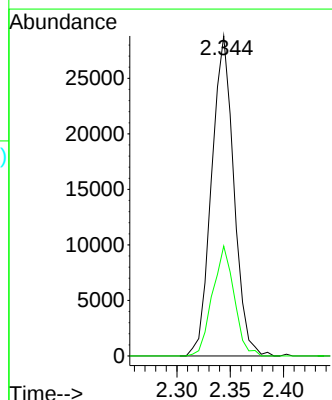
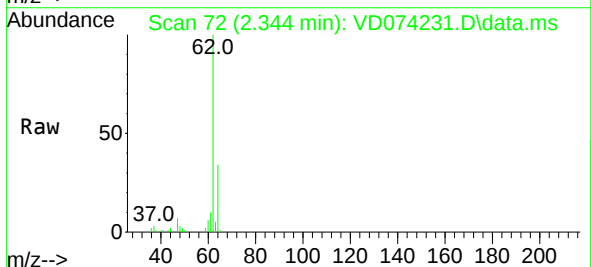
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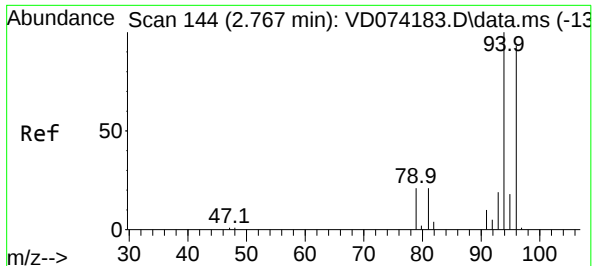
Tgt Ion: 50 Resp: 39441
Ion Ratio Lower Upper
50 100
52 31.1 27.4 41.0



#4
Vinyl Chloride
Concen: 46.132 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.006 min
Lab File: VD074231.D
Acq: 24 Aug 2022 19:02

Tgt Ion: 62 Resp: 41817
Ion Ratio Lower Upper
62 100
64 34.3 25.4 38.0

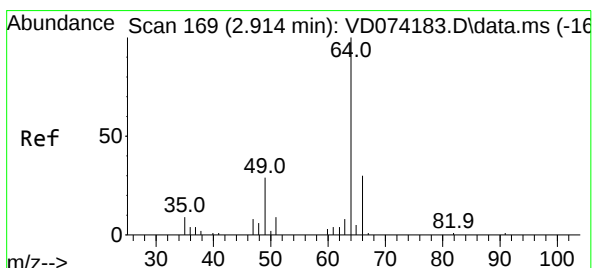
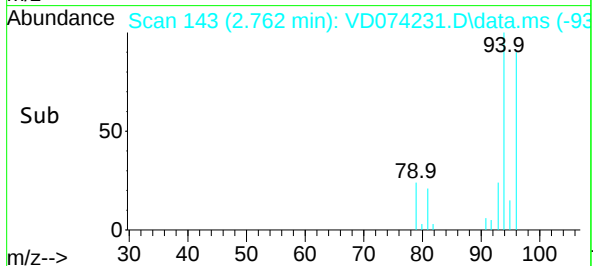
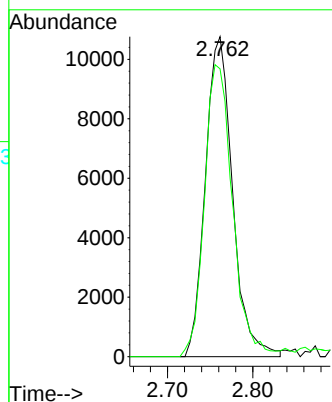
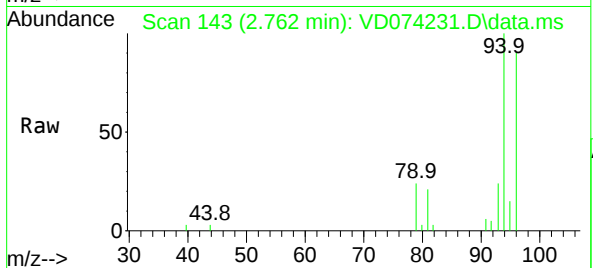




#5
Bromomethane
Concen: 40.776 ug/l
RT: 2.762 min Scan# 144
Delta R.T. -0.005 min
Lab File: VD074231.D
Acq: 24 Aug 2022 19:02

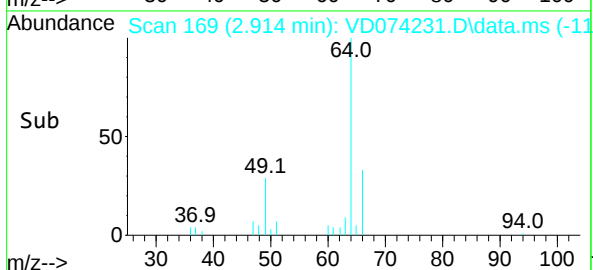
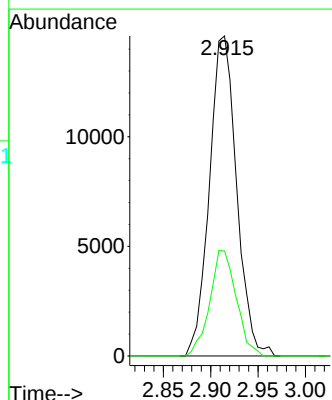
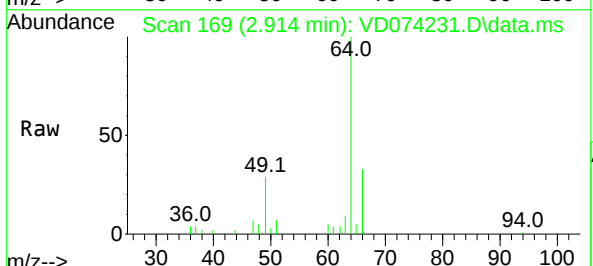
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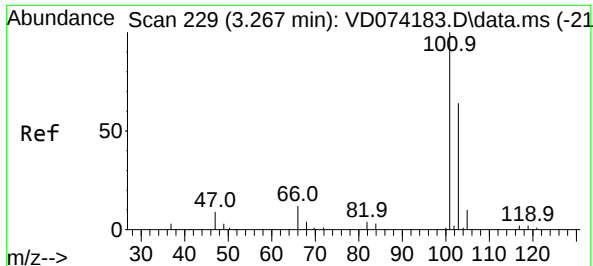
Tgt Ion: 94 Resp: 23871
Ion Ratio Lower Upper
94 100
96 90.0 77.6 116.4



#6
Chloroethane
Concen: 49.602 ug/l
RT: 2.914 min Scan# 169
Delta R.T. 0.000 min
Lab File: VD074231.D
Acq: 24 Aug 2022 19:02

Tgt Ion: 64 Resp: 29179
Ion Ratio Lower Upper
64 100
66 32.8 25.9 38.9

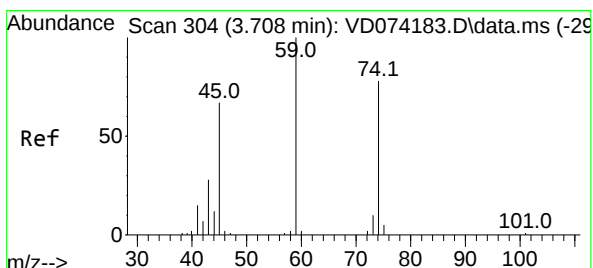
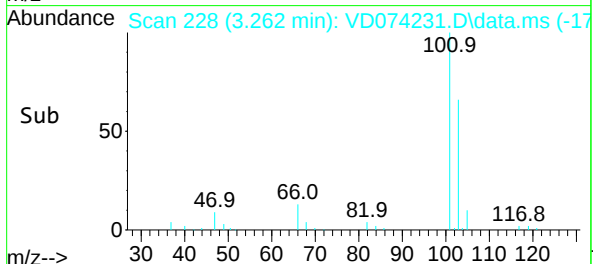
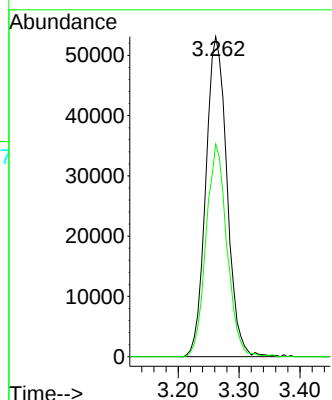
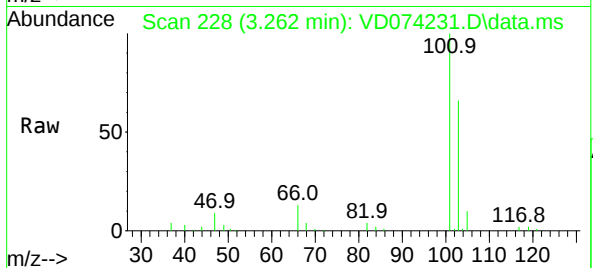




#7
 Trichlorofluoromethane
 Concen: 48.746 ug/l
 RT: 3.262 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: VD074231.D
 Acq: 24 Aug 2022 19:02

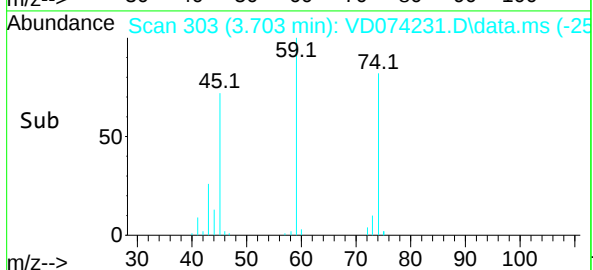
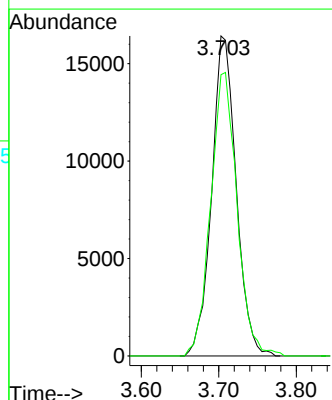
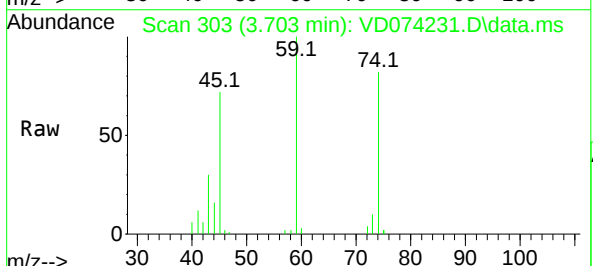
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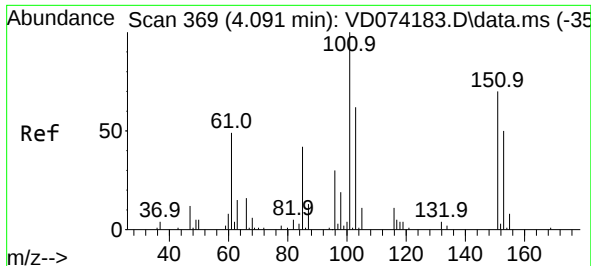
Tgt Ion:101 Resp: 128366
 Ion Ratio Lower Upper
 101 100
 103 66.4 50.1 75.1



#8
 Diethyl Ether
 Concen: 51.038 ug/l
 RT: 3.703 min Scan# 303
 Delta R.T. -0.005 min
 Lab File: VD074231.D
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Tgt Ion: 74 Resp: 36117
 Ion Ratio Lower Upper
 74 100
 45 95.2 52.6 157.8

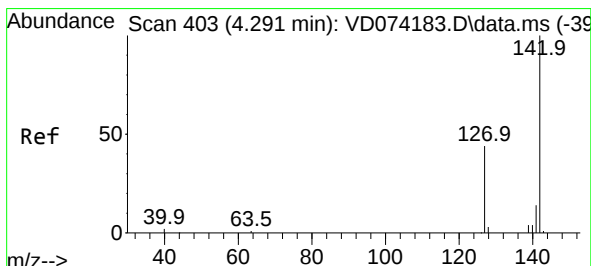
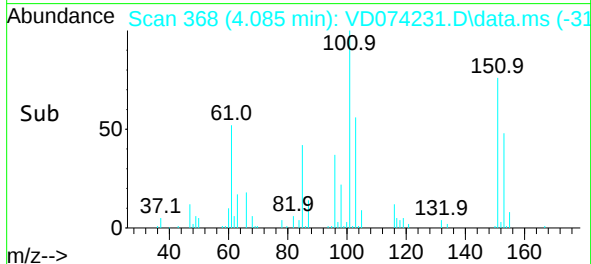
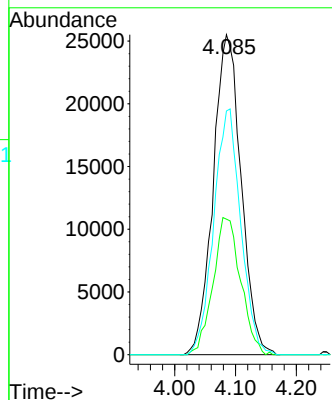
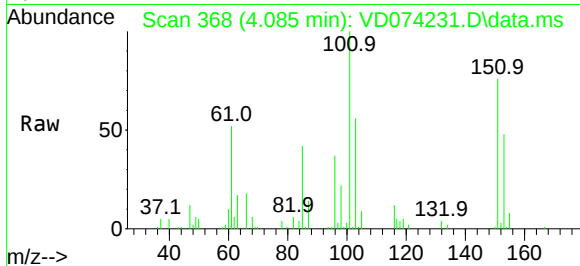




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.993 ug/l
RT: 4.085 min Scan# 30
Delta R.T. -0.006 min
Lab File: VD074231.D
Acq: 24 Aug 2022 19:02

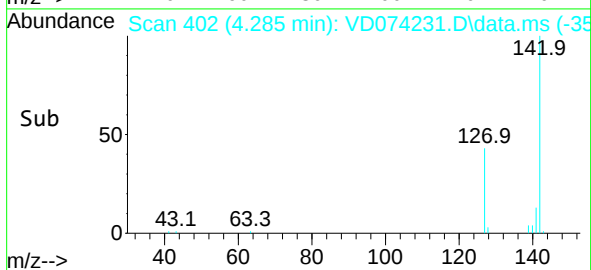
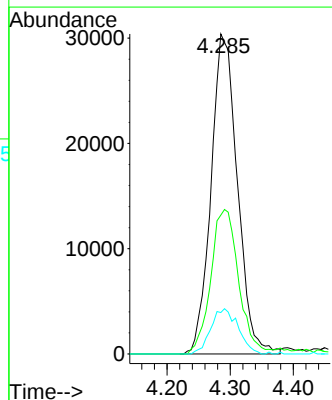
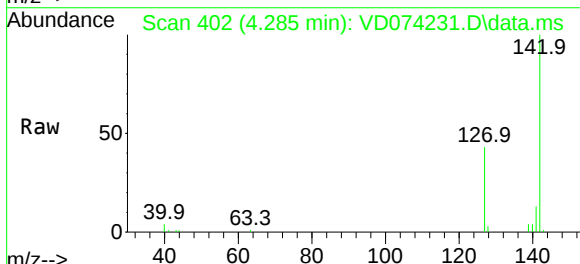
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

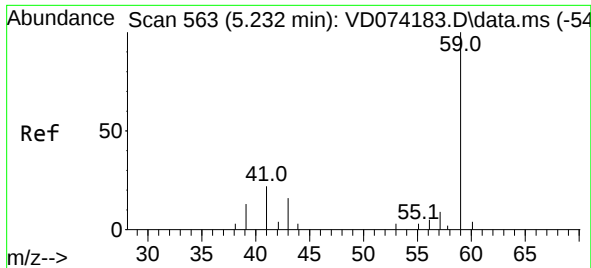
Tgt Ion:101 Resp: 81251
Ion Ratio Lower Upper
101 100
85 42.4 36.4 54.6
151 74.4 57.3 85.9



#10
Methyl Iodide
Concen: 45.890 ug/l
RT: 4.285 min Scan# 402
Delta R.T. -0.006 min
Lab File: VD074231.D
Acq: 24 Aug 2022 19:02

Tgt Ion:142 Resp: 88349
Ion Ratio Lower Upper
142 100
127 47.6 37.3 55.9
141 14.6 11.7 17.5

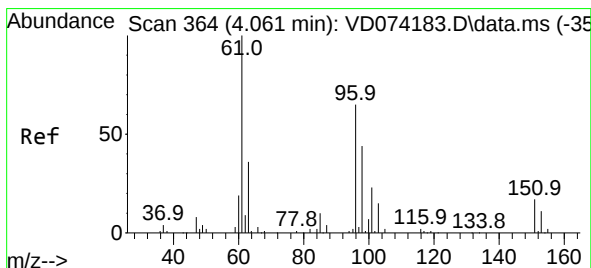
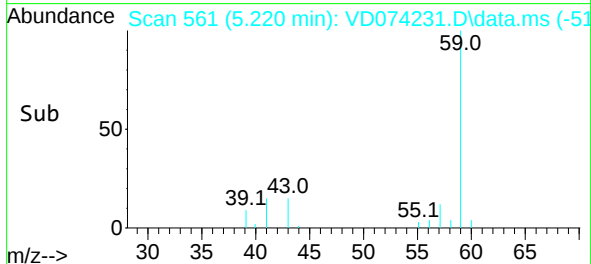
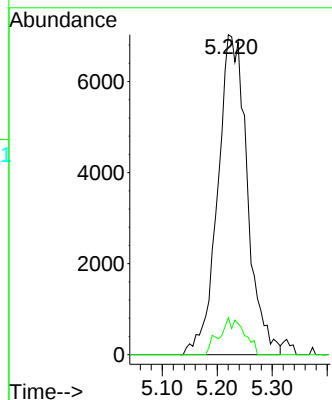
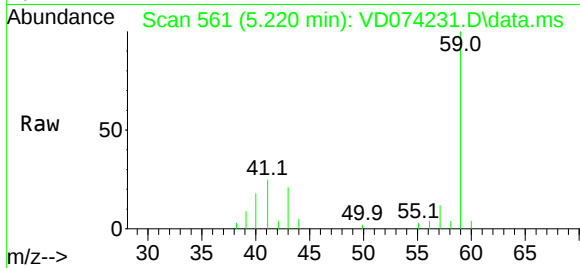




#11
Tert butyl alcohol
Concen: 285.213 ug/l
RT: 5.220 min Scan# 51
Delta R.T. -0.012 min
Lab File: VD074231.D
Acq: 24 Aug 2022 19:02

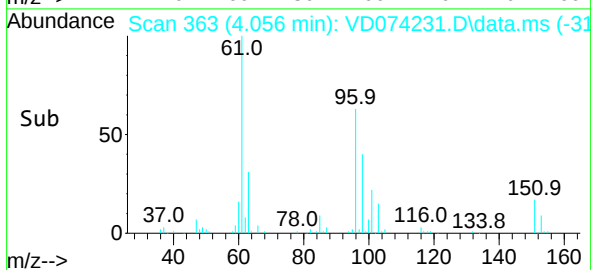
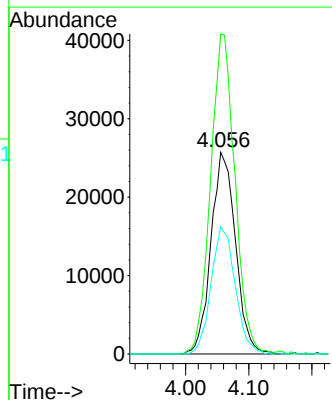
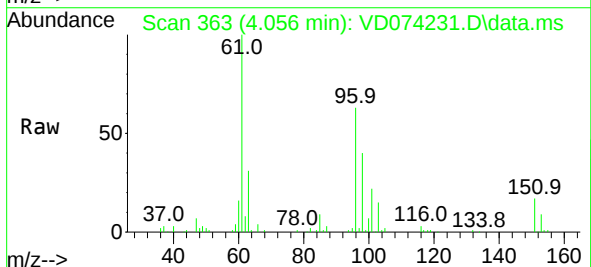
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

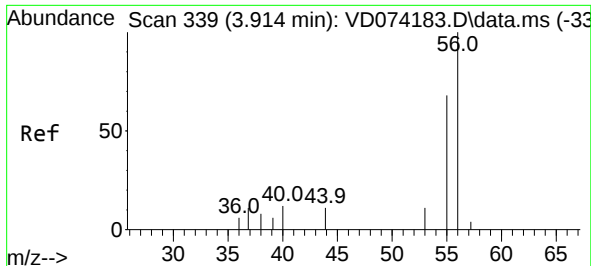
Tgt Ion: 59 Resp: 26211
Ion Ratio Lower Upper
59 100
57 5.1 7.8 11.6#



#12
1,1-Dichloroethene
Concen: 48.747 ug/l
RT: 4.056 min Scan# 363
Delta R.T. -0.005 min
Lab File: VD074231.D
Acq: 24 Aug 2022 19:02

Tgt Ion: 96 Resp: 69464
Ion Ratio Lower Upper
96 100
61 158.7 138.5 207.7
98 63.0 48.6 73.0

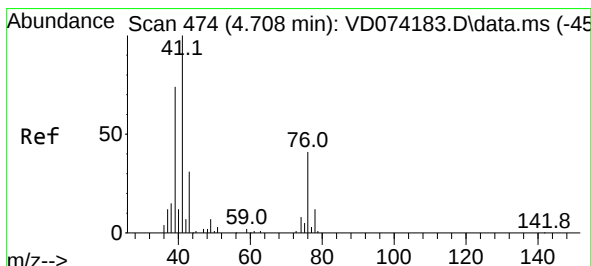
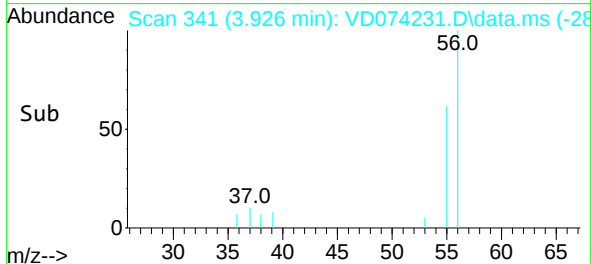
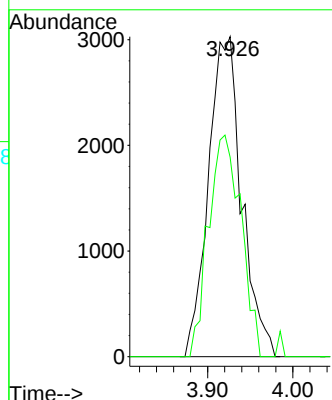
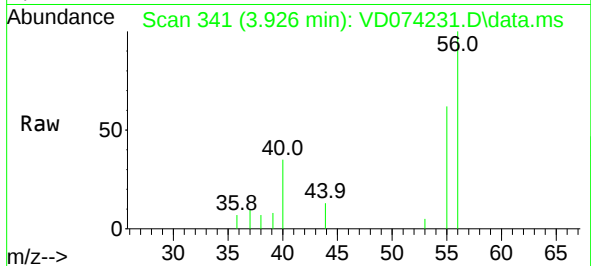




#13
Acrolein
Concen: 221.274 ug/l
RT: 3.926 min Scan# 341
Delta R.T. 0.012 min
Lab File: VD074231.D
Acq: 24 Aug 2022 19:02

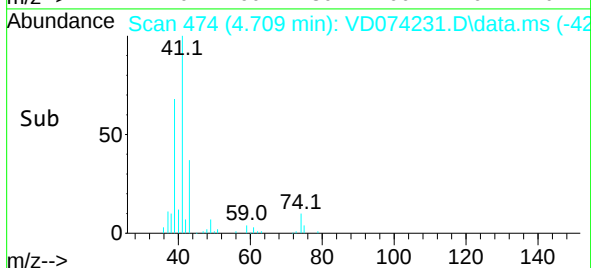
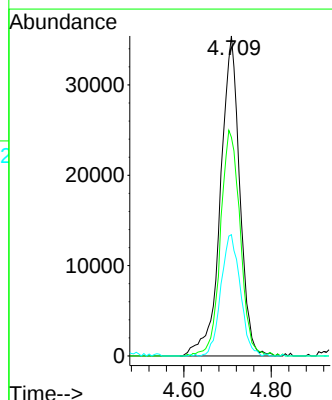
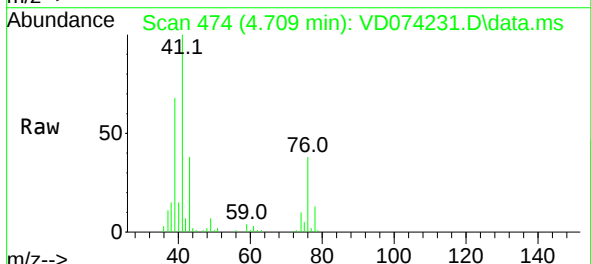
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

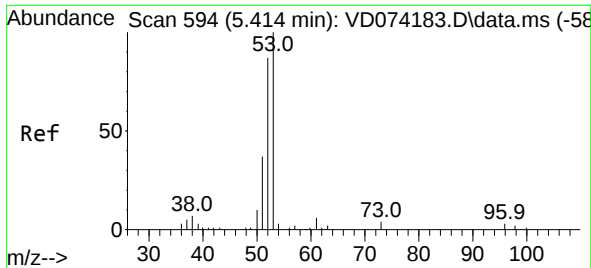
Tgt Ion: 56 Resp: 8206
Ion Ratio Lower Upper
56 100
55 68.0 57.1 85.7



#14
Allyl chloride
Concen: 48.560 ug/l
RT: 4.709 min Scan# 474
Delta R.T. 0.001 min
Lab File: VD074231.D
Acq: 24 Aug 2022 19:02

Tgt Ion: 41 Resp: 108333
Ion Ratio Lower Upper
41 100
39 71.7 59.3 88.9
76 37.9 25.7 38.5

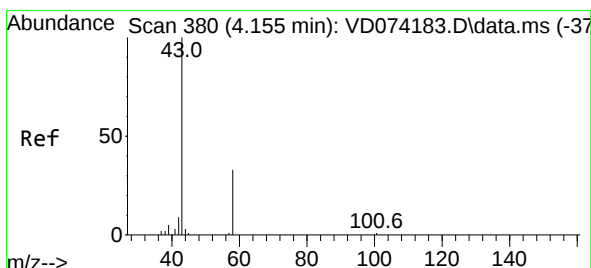
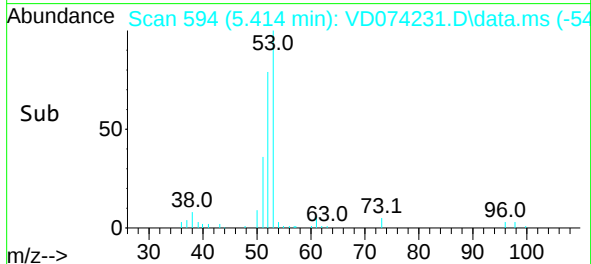
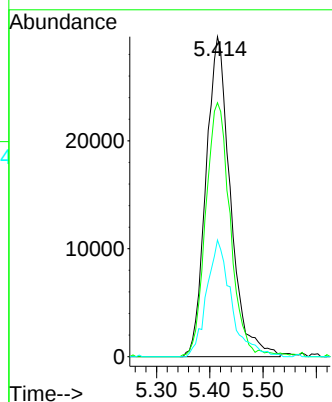
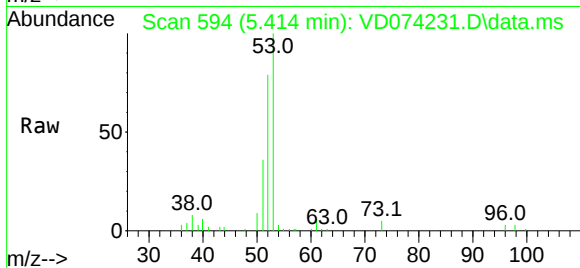




#15
Acrylonitrile
Concen: 287.316 ug/l
RT: 5.414 min Scan# 594
Delta R.T. 0.000 min
Lab File: VD074231.D
Acq: 24 Aug 2022 19:02

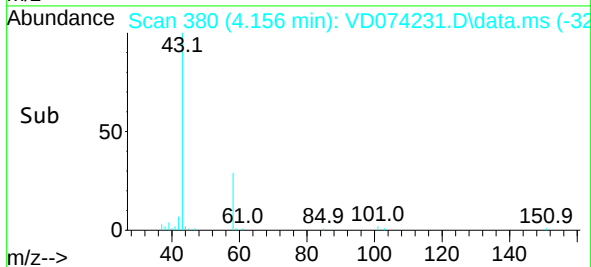
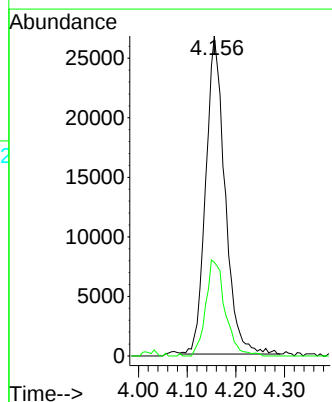
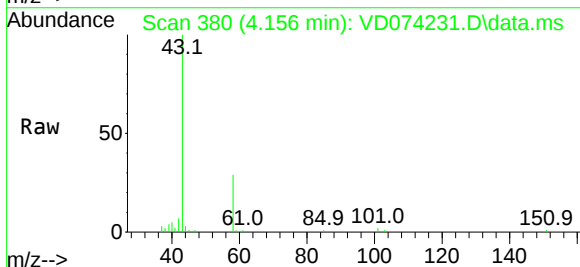
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

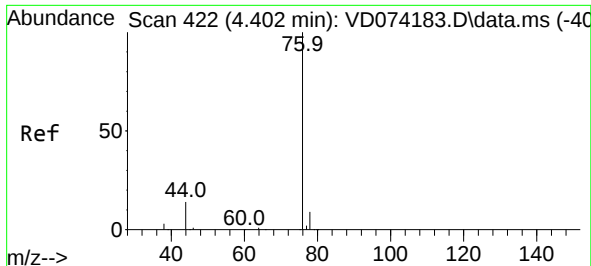
Tgt Ion:	53	Resp:	94537
Ion	Ratio	Lower	Upper
53	100		
52	79.7	67.2	100.8
51	36.7	30.3	45.5



#16
Acetone
Concen: 260.519 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.001 min
Lab File: VD074231.D
Acq: 24 Aug 2022 19:02

Tgt Ion:	43	Resp:	73248
Ion	Ratio	Lower	Upper
43	100		
58	29.5	22.1	33.1

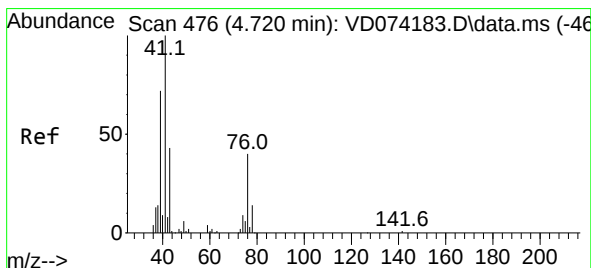
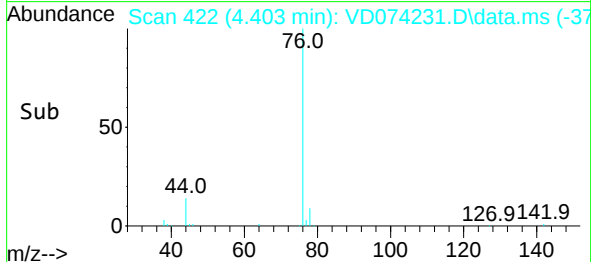
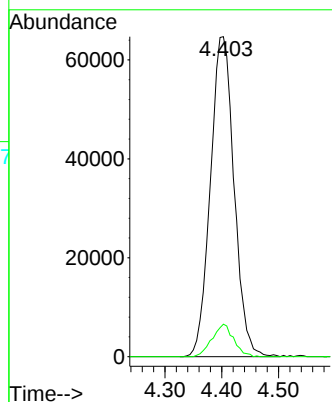
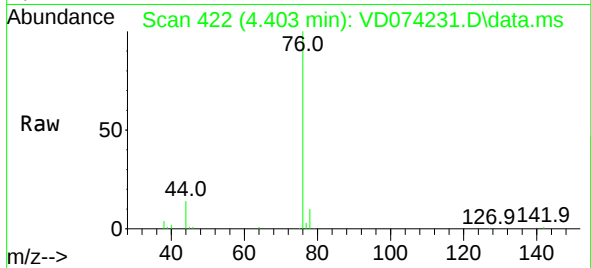




#17
Carbon Disulfide
Concen: 41.096 ug/l
RT: 4.403 min Scan# 41
Delta R.T. 0.001 min
Lab File: VD074231.D
Acq: 24 Aug 2022 19:02

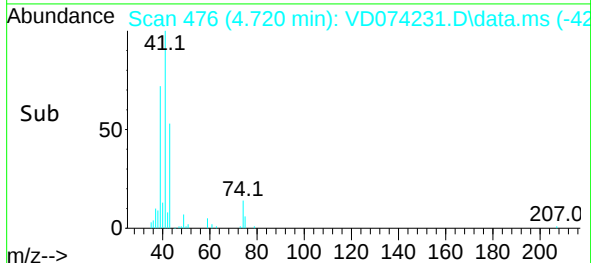
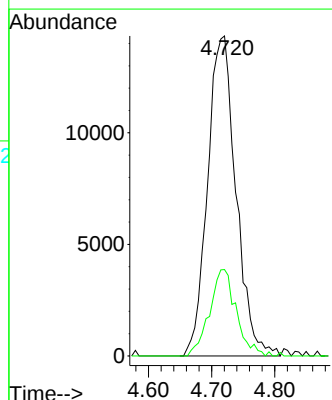
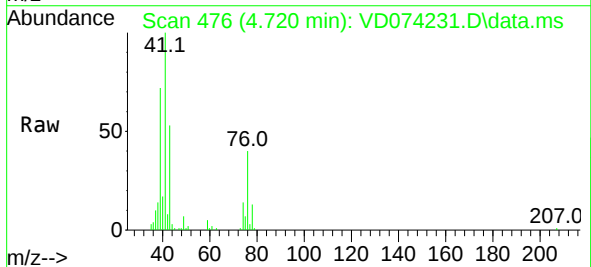
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

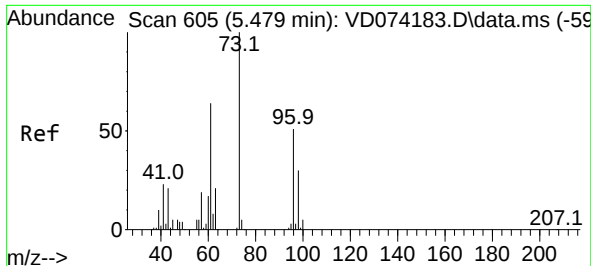
Tgt Ion: 76 Resp: 187170
Ion Ratio Lower Upper
76 100
78 10.1 7.5 11.3



#18
Methyl Acetate
Concen: 54.077 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.000 min
Lab File: VD074231.D
Acq: 24 Aug 2022 19:02

Tgt Ion: 43 Resp: 44798
Ion Ratio Lower Upper
43 100
74 25.4 16.7 25.1#





#19

Methyl tert-butyl Ether

Concen: 53.060 ug/l

RT: 5.479 min Scan# 605

Delta R.T. 0.000 min

Lab File: VD074231.D

Acq: 24 Aug 2022 19:02

Instrument :

MSVOA_D

ClientSampleId :

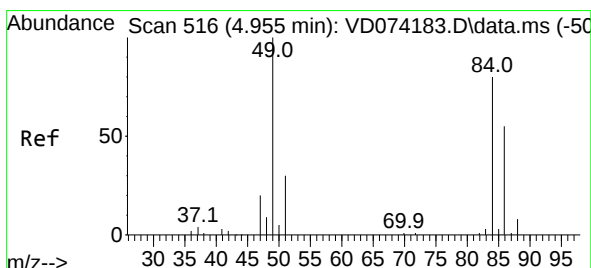
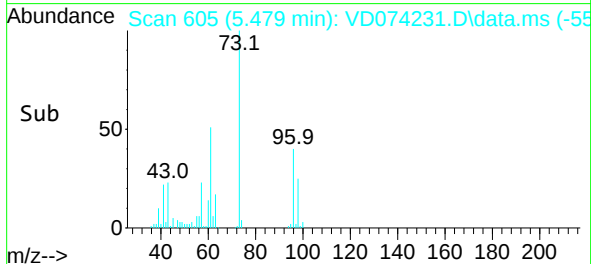
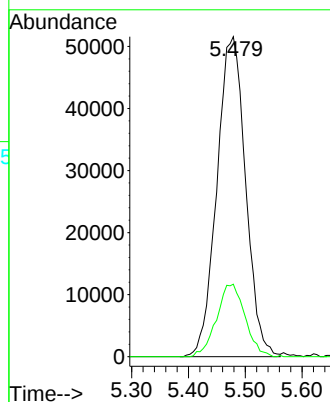
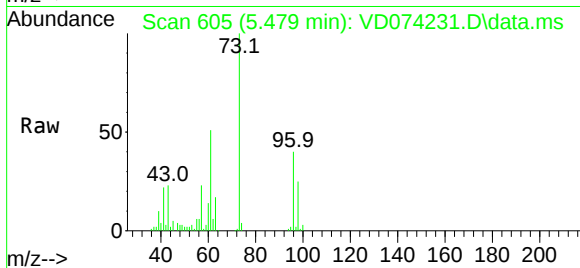
VSTDCCC050EC

Tgt Ion: 73 Resp: 181068

Ion Ratio Lower Upper

73 100

57 22.7 18.0 27.0



#20

Methylene Chloride

Concen: 55.111 ug/l

RT: 4.956 min Scan# 516

Delta R.T. 0.001 min

Lab File: VD074231.D

Acq: 24 Aug 2022 19:02

Tgt Ion: 84 Resp: 97980

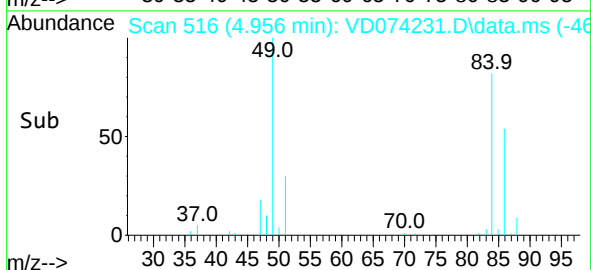
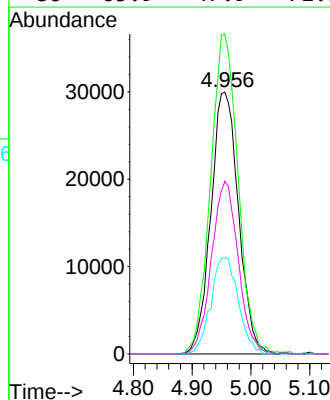
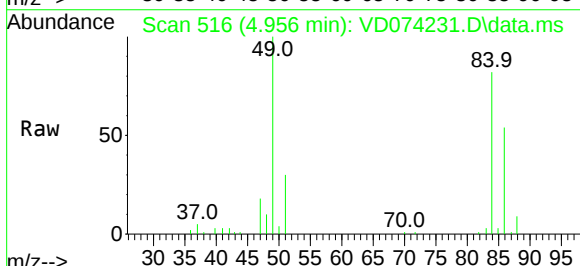
Ion Ratio Lower Upper

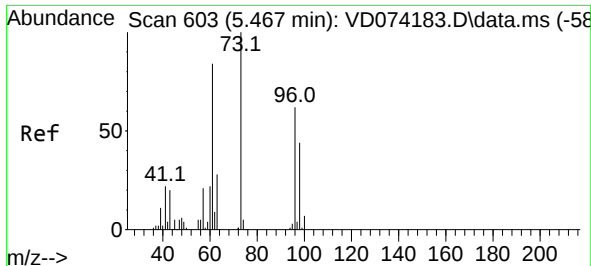
84 100

49 122.1 112.8 169.2

51 36.5 32.6 48.8

86 65.9 47.9 71.9

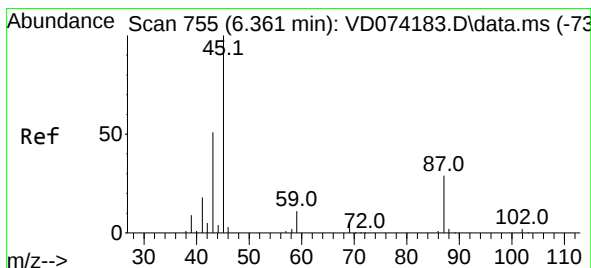
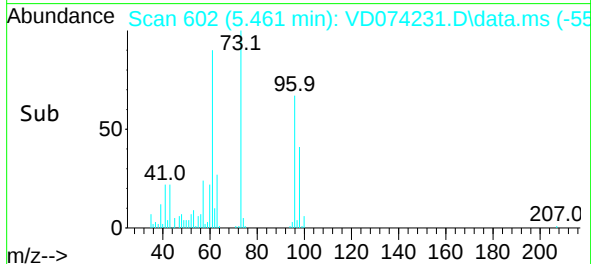
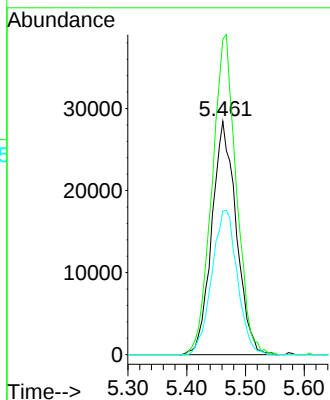
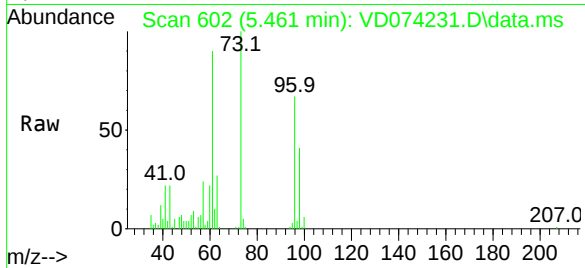




#21
trans-1,2-Dichloroethene
Concen: 49.242 ug/l
RT: 5.461 min Scan# 603
Delta R.T. -0.006 min
Lab File: VD074231.D
Acq: 24 Aug 2022 19:02

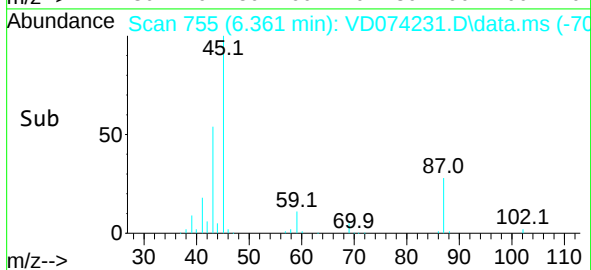
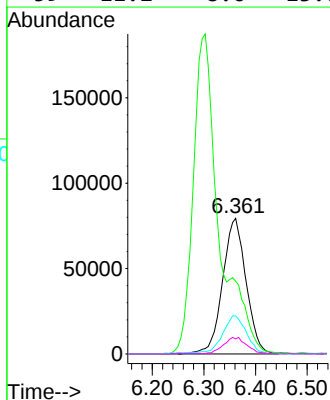
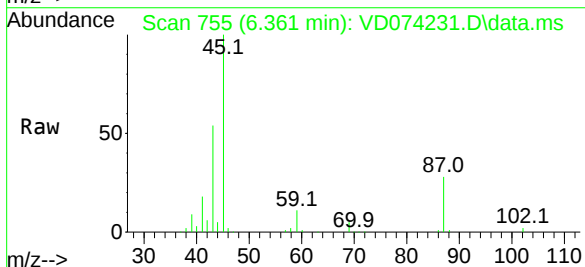
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

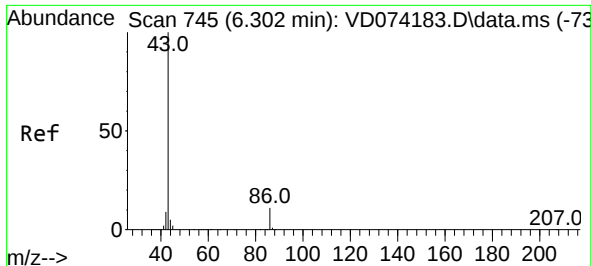
Tgt Ion: 96 Resp: 82049
Ion Ratio Lower Upper
96 100
61 135.3 117.9 176.9
98 61.7 49.4 74.2



#22
Diisopropyl ether
Concen: 54.684 ug/l
RT: 6.361 min Scan# 755
Delta R.T. 0.000 min
Lab File: VD074231.D
Acq: 24 Aug 2022 19:02

Tgt Ion: 45 Resp: 250192
Ion Ratio Lower Upper
45 100
43 52.8 46.6 70.0
87 27.8 18.4 27.6#
59 11.2 8.6 13.0

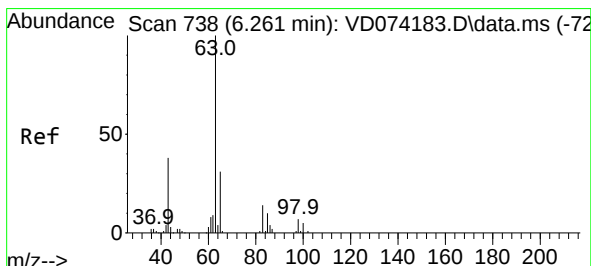
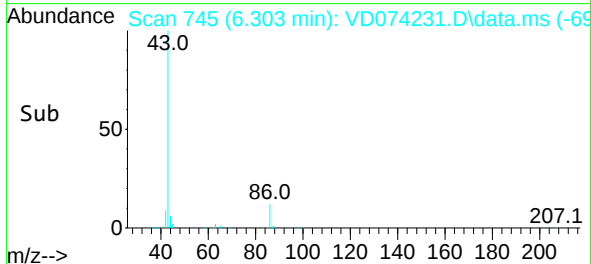
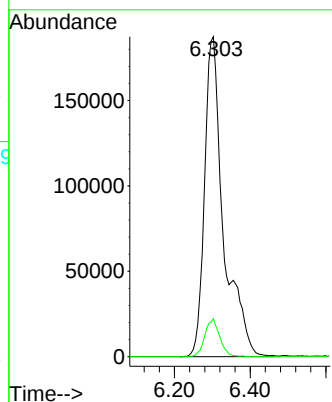
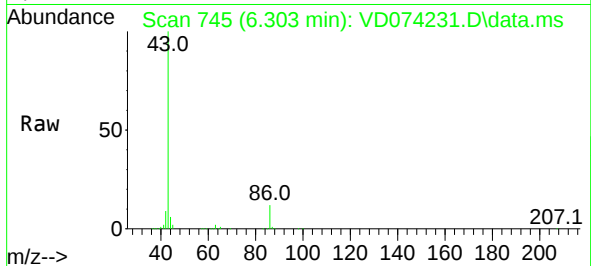




#23
 Vinyl Acetate
 Concen: 252.178 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. 0.001 min
 Lab File: VD074231.D
 Acq: 24 Aug 2022 19:02

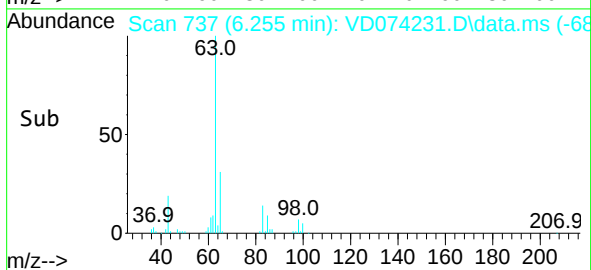
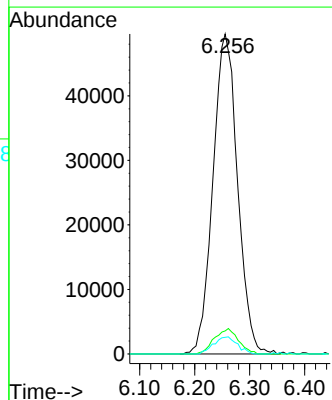
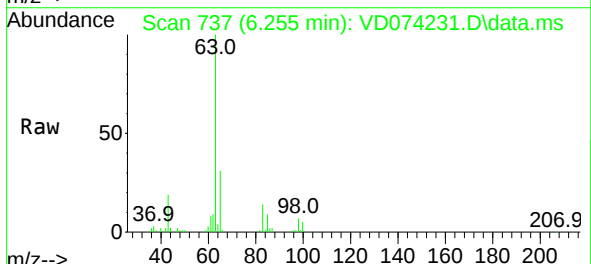
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

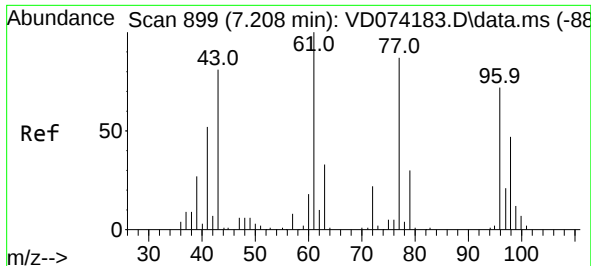
Tgt Ion: 43 Resp: 650908
 Ion Ratio Lower Upper
 43 100
 86 11.8 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 51.129 ug/l
 RT: 6.255 min Scan# 737
 Delta R.T. -0.006 min
 Lab File: VD074231.D
 Acq: 24 Aug 2022 19:02

Tgt Ion: 63 Resp: 154223
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.6 10.9
 100 5.2 2.1 6.5

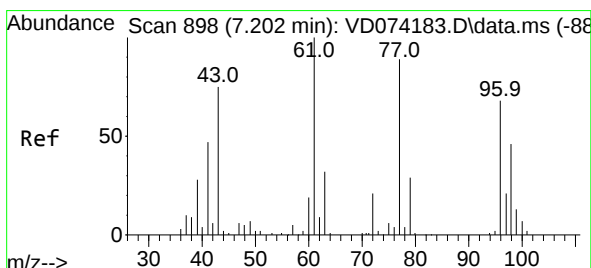
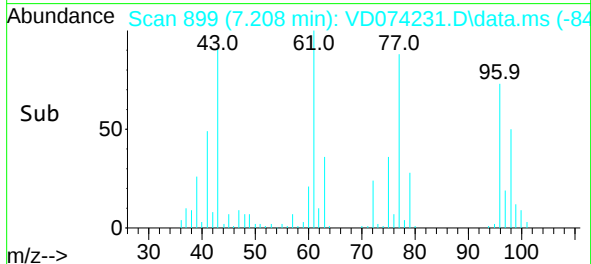
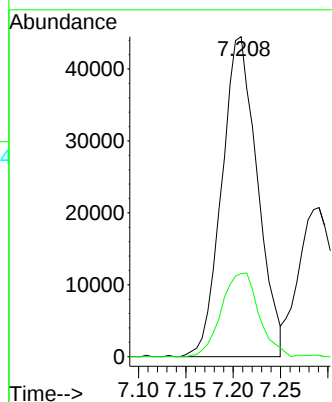
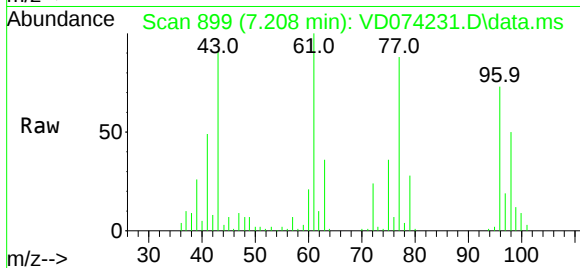




#25
2-Butanone
Concen: 267.211 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD074231.D
Acq: 24 Aug 2022 19:02

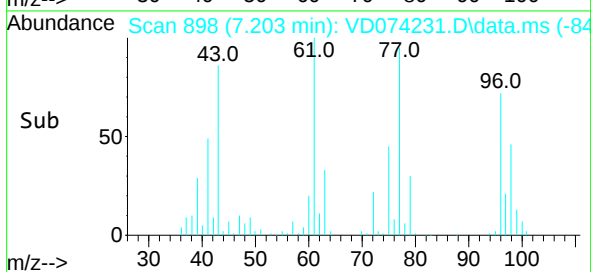
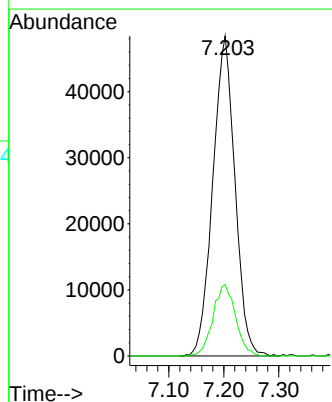
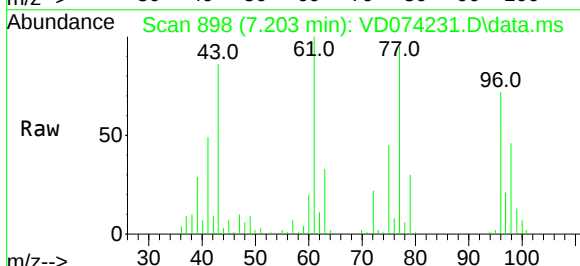
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

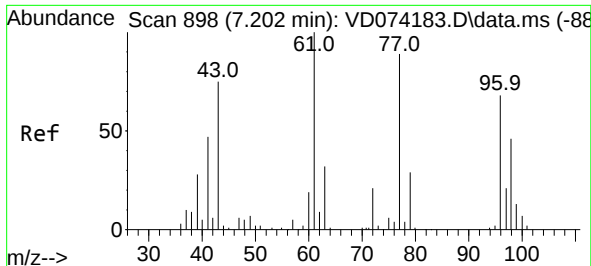
Tgt Ion: 43 Resp: 116307
Ion Ratio Lower Upper
43 100
72 25.9 18.6 27.8



#26
2,2-Dichloropropane
Concen: 49.870 ug/l
RT: 7.203 min Scan# 898
Delta R.T. 0.001 min
Lab File: VD074231.D
Acq: 24 Aug 2022 19:02

Tgt Ion: 77 Resp: 135538
Ion Ratio Lower Upper
77 100
97 22.8 10.8 32.4





#27

cis-1,2-Dichloroethene

Concen: 51.399 ug/l

RT: 7.203 min Scan# 898

Delta R.T. 0.001 min

Lab File: VD074231.D

Acq: 24 Aug 2022 19:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

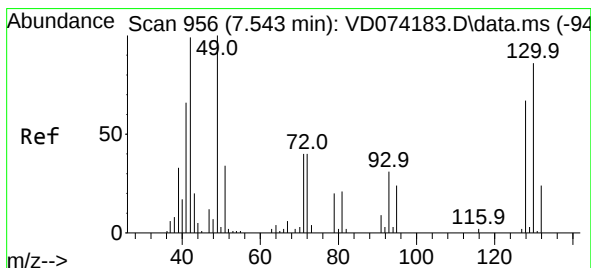
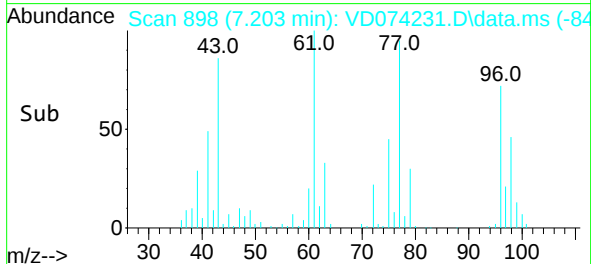
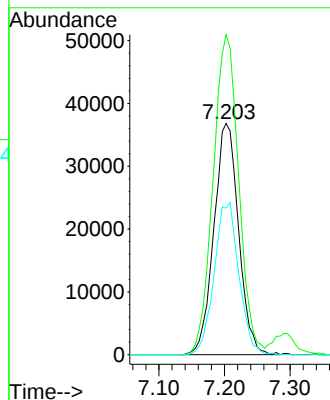
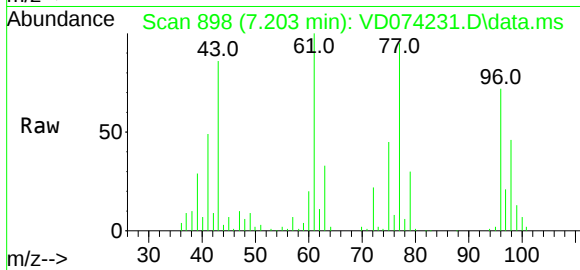
Tgt Ion: 96 Resp: 96243

Ion Ratio Lower Upper

96 100

61 143.4 0.0 313.8

98 65.7 0.0 128.8



#28

Bromochloromethane

Concen: 55.650 ug/l

RT: 7.538 min Scan# 955

Delta R.T. -0.005 min

Lab File: VD074231.D

Acq: 24 Aug 2022 19:02

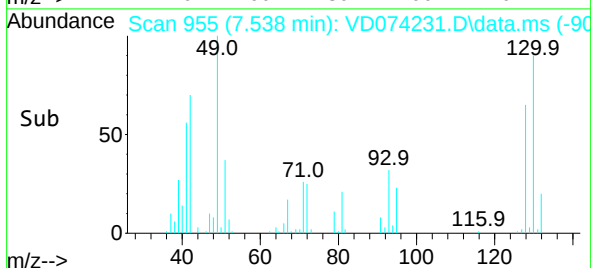
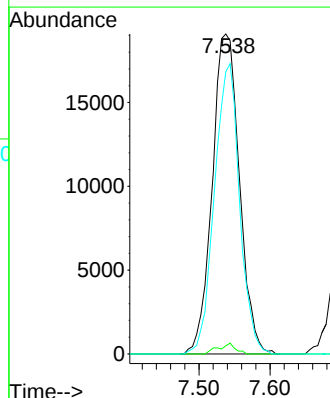
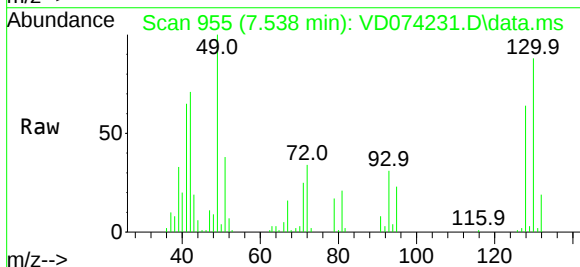
Tgt Ion: 49 Resp: 50739

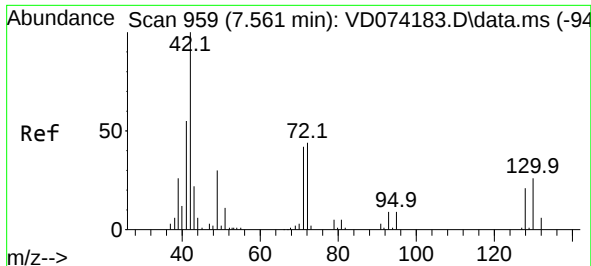
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.0

130 83.8 52.6 79.0#





#29

Tetrahydrofuran

Concen: 288.243 ug/l

RT: 7.555 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD074231.D

Acq: 24 Aug 2022 19:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

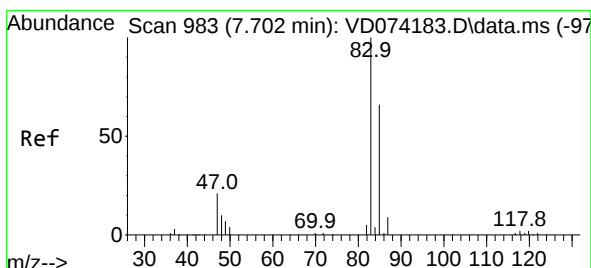
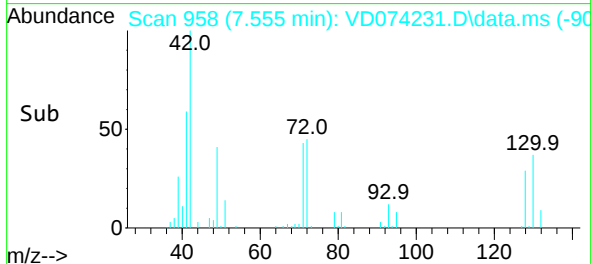
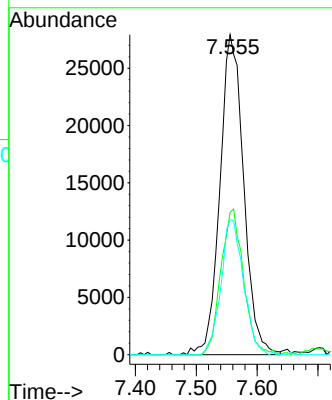
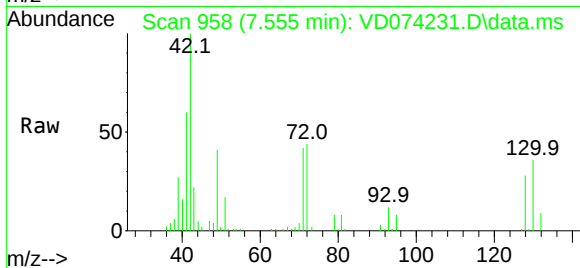
Tgt Ion: 42 Resp: 75715

Ion Ratio Lower Upper

42 100

72 43.2 30.7 46.1

71 40.2 28.6 43.0



#30

Chloroform

Concen: 53.651 ug/l

RT: 7.702 min Scan# 983

Delta R.T. 0.000 min

Lab File: VD074231.D

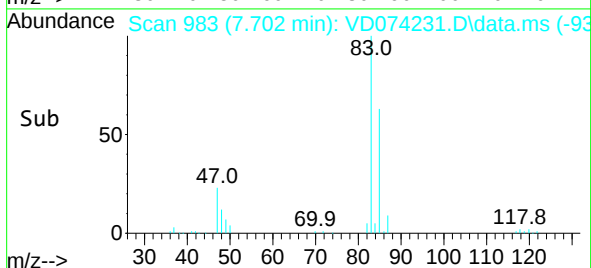
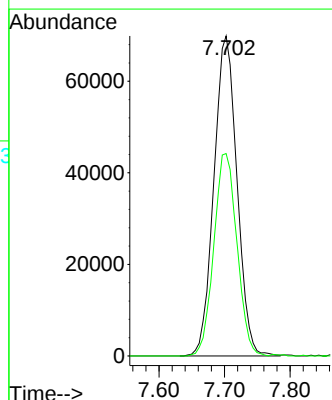
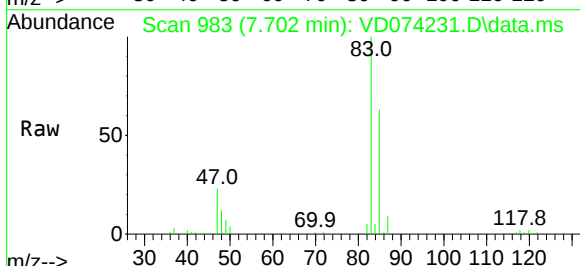
Acq: 24 Aug 2022 19:02

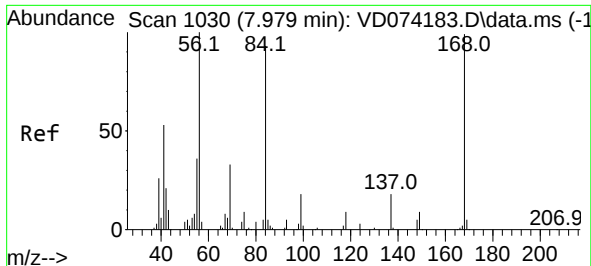
Tgt Ion: 83 Resp: 170625

Ion Ratio Lower Upper

83 100

85 63.2 52.7 79.1

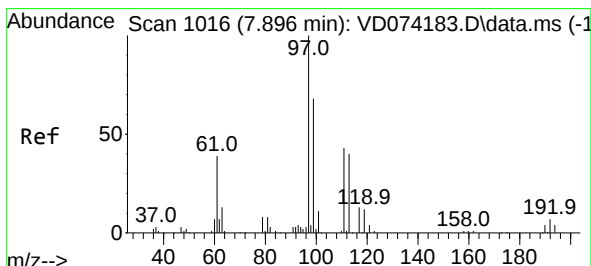
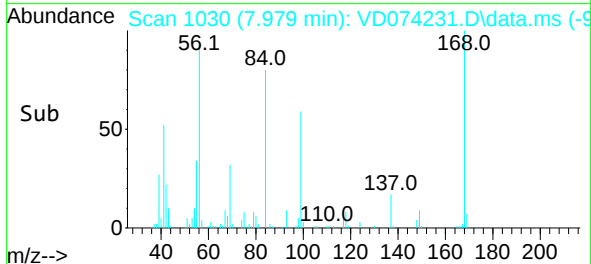
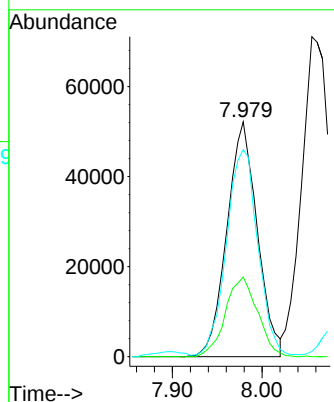
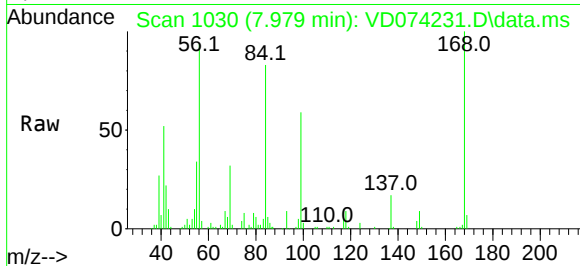




#31
Cyclohexane
Concen: 46.654 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD074231.D
Acq: 24 Aug 2022 19:02

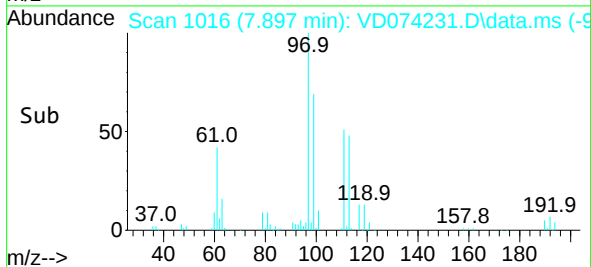
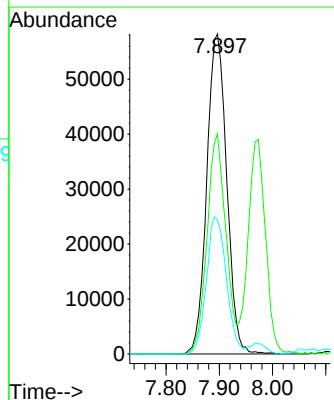
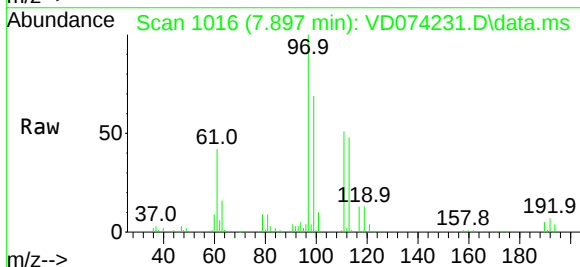
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

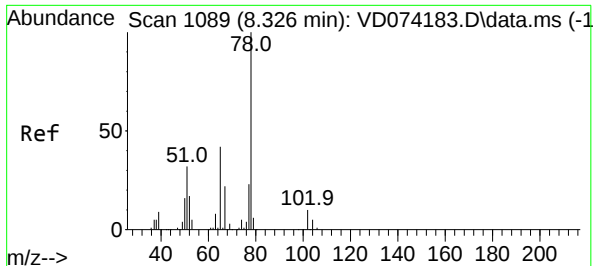
Tgt Ion: 56 Resp: 122550
Ion Ratio Lower Upper
56 100
69 33.6 25.4 38.2
84 86.6 63.0 94.4



#32
1,1,1-Trichloroethane
Concen: 51.355 ug/l
RT: 7.897 min Scan# 1016
Delta R.T. 0.001 min
Lab File: VD074231.D
Acq: 24 Aug 2022 19:02

Tgt Ion: 97 Resp: 151347
Ion Ratio Lower Upper
97 100
99 64.9 52.4 78.6
61 43.1 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 48.653 ug/l

RT: 8.326 min Scan# 1107

Delta R.T. -0.000 min

Lab File: VD074231.D

Acq: 24 Aug 2022 19:02

Instrument :

MSVOA_D

ClientSampleId :

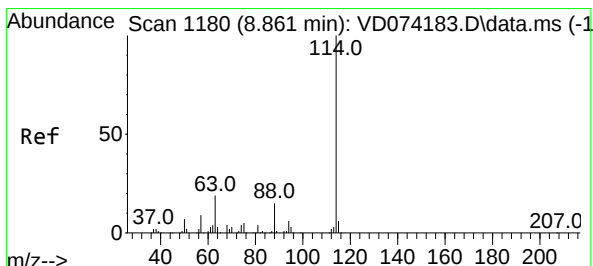
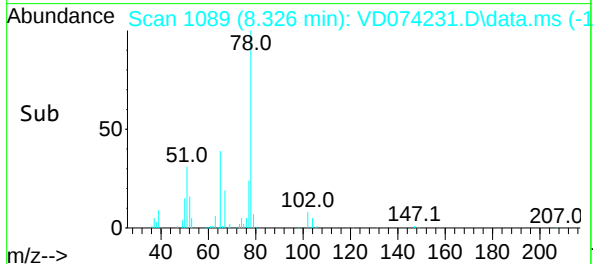
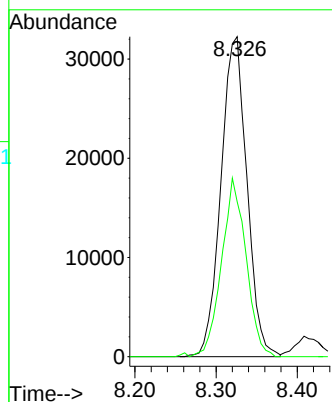
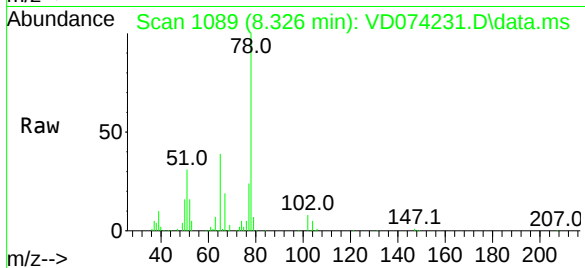
VSTDCCC050EC

Tgt Ion: 65 Resp: 71801

Ion Ratio Lower Upper

65 100

67 52.6 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.006 min

Lab File: VD074231.D

Acq: 24 Aug 2022 19:02

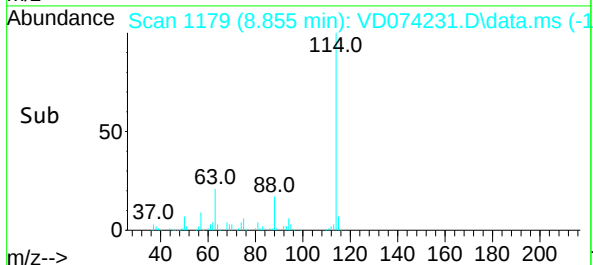
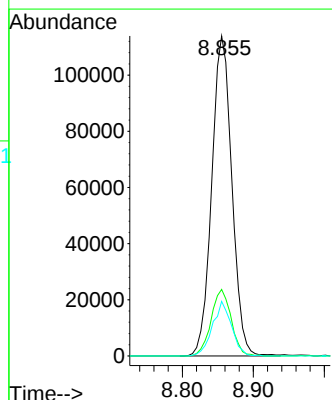
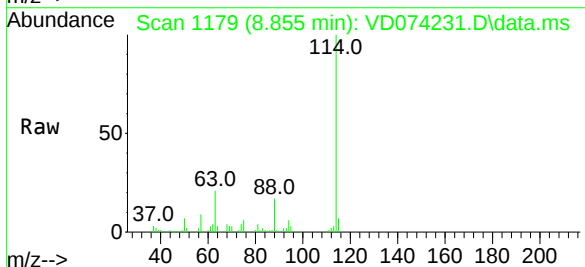
Tgt Ion: 114 Resp: 223875

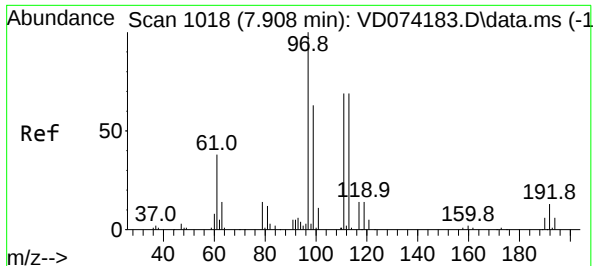
Ion Ratio Lower Upper

114 100

63 20.8 0.0 46.6

88 17.0 0.0 33.2





#35

Dibromofluoromethane

Concen: 51.869 ug/l

RT: 7.902 min Scan# 1017

Delta R.T. -0.006 min

Lab File: VD074231.D

Acq: 24 Aug 2022 19:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

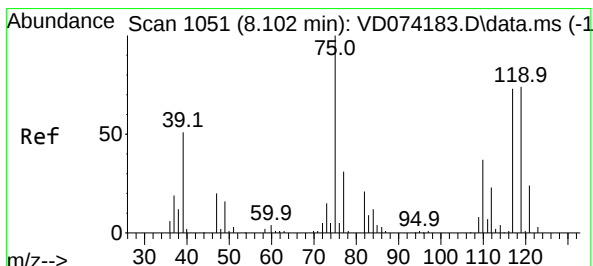
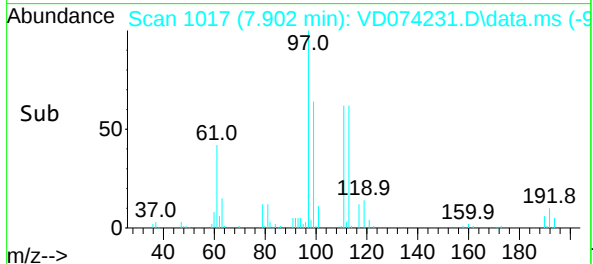
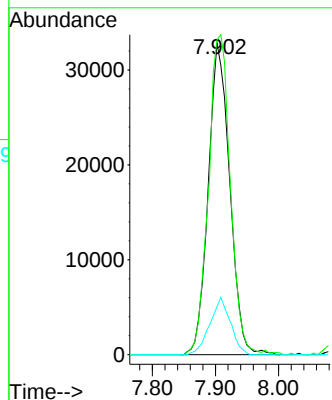
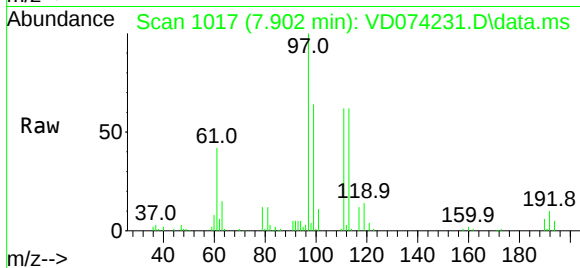
Tgt Ion:113 Resp: 77672

Ion Ratio Lower Upper

113 100

111 104.2 83.8 125.6

192 17.6 14.6 21.8



#36

1,1-Dichloropropene

Concen: 54.702 ug/l

RT: 8.102 min Scan# 1051

Delta R.T. 0.000 min

Lab File: VD074231.D

Acq: 24 Aug 2022 19:02

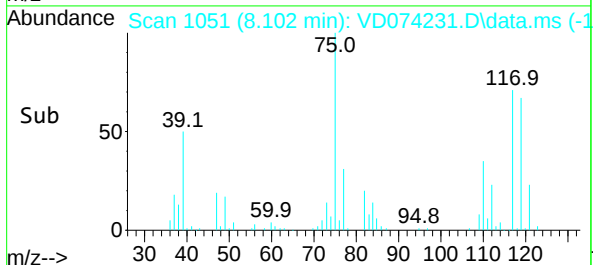
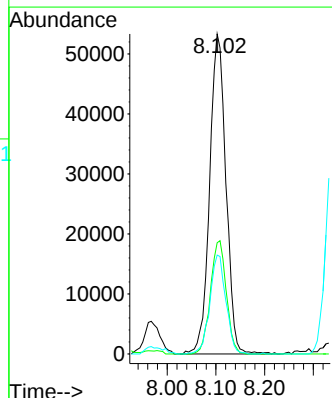
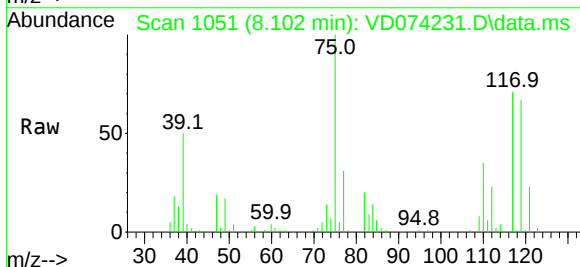
Tgt Ion: 75 Resp: 123808

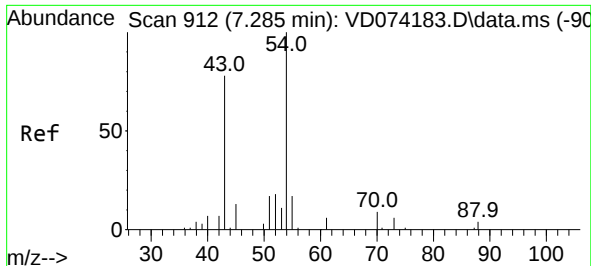
Ion Ratio Lower Upper

75 100

110 34.4 16.4 49.1

77 30.4 24.2 36.2





#37

Ethyl Acetate

Concen: 61.963 ug/l

RT: 7.291 min Scan# 912

Delta R.T. 0.006 min

Lab File: VD074231.D

Acq: 24 Aug 2022 19:02

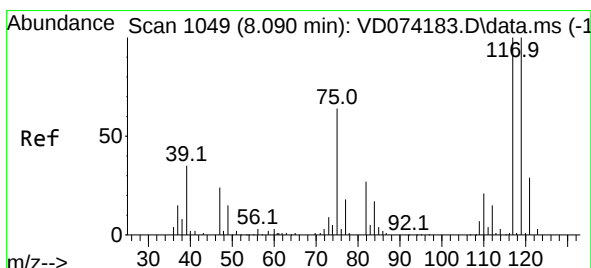
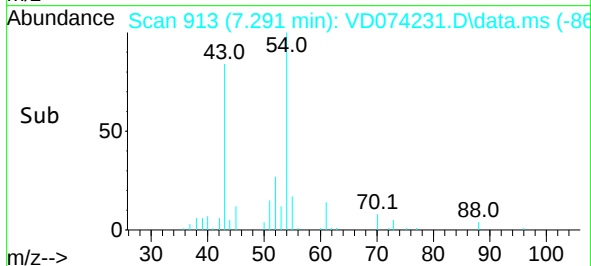
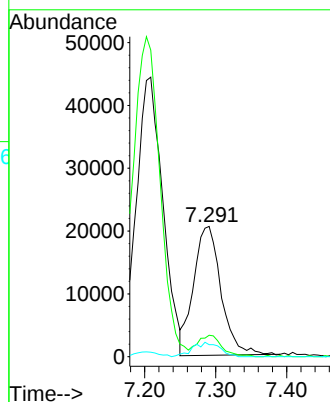
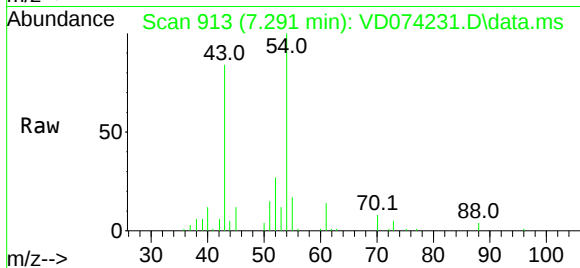
Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43	Resp: 55294
Ion Ratio	Lower Upper
43	100
61	14.9 9.8 14.8#
70	10.9 6.9 10.3#



#38

Carbon Tetrachloride

Concen: 54.103 ug/l

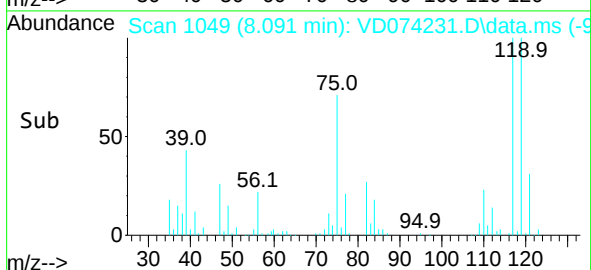
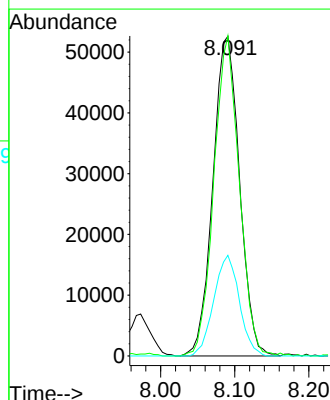
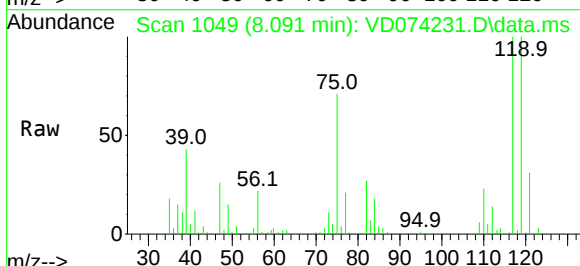
RT: 8.091 min Scan# 1049

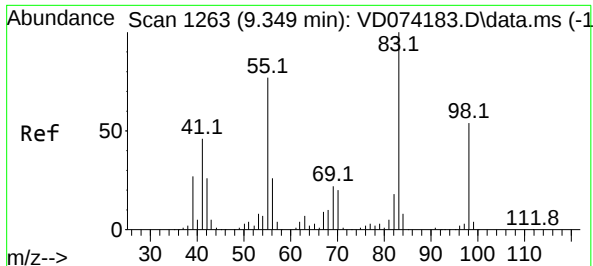
Delta R.T. 0.001 min

Lab File: VD074231.D

Acq: 24 Aug 2022 19:02

Tgt Ion: 117	Resp: 131541
Ion Ratio	Lower Upper
117	100
119	100.1 75.8 113.6
121	31.5 24.5 36.7





#39

Methylcyclohexane

Concen: 47.453 ug/l

RT: 9.344 min Scan# 11

Delta R.T. -0.005 min

Lab File: VD074231.D

Acq: 24 Aug 2022 19:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

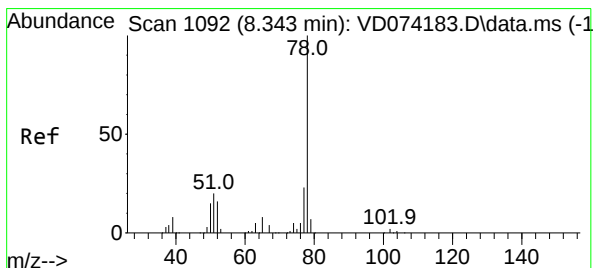
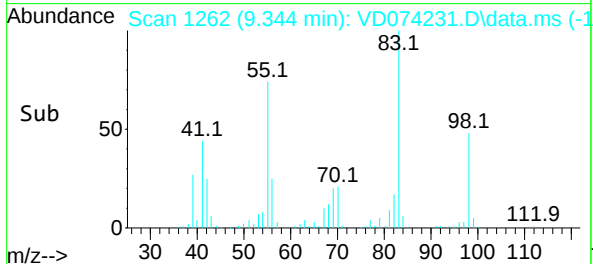
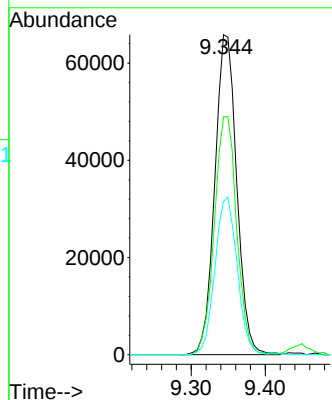
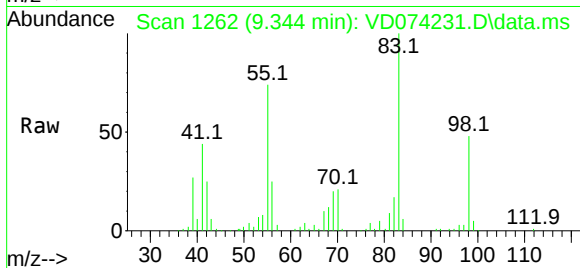
Tgt Ion: 83 Resp: 135336

Ion Ratio Lower Upper

83 100

55 74.4 63.2 94.8

98 47.9 38.2 57.4



#40

Benzene

Concen: 53.527 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. 0.001 min

Lab File: VD074231.D

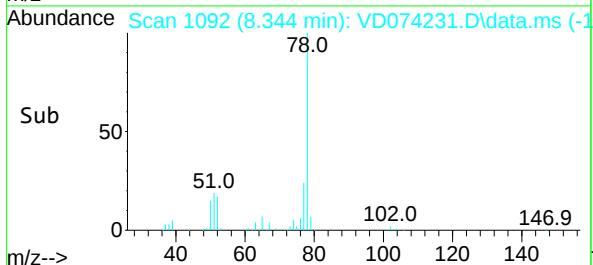
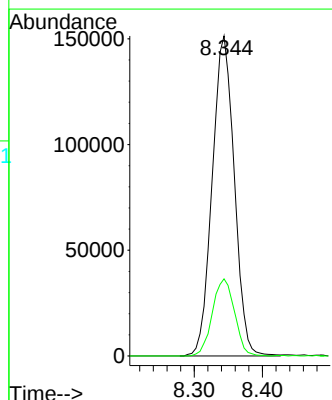
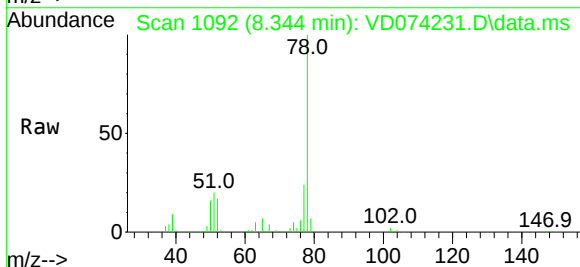
Acq: 24 Aug 2022 19:02

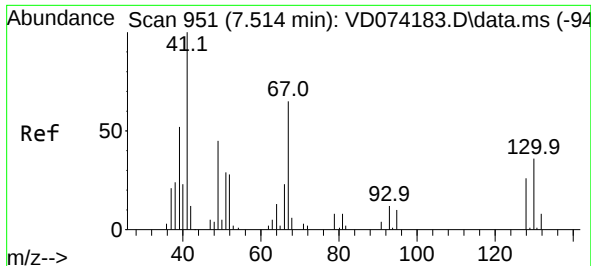
Tgt Ion: 78 Resp: 341497

Ion Ratio Lower Upper

78 100

77 24.1 19.1 28.7

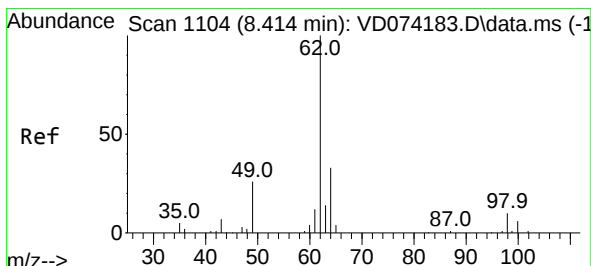
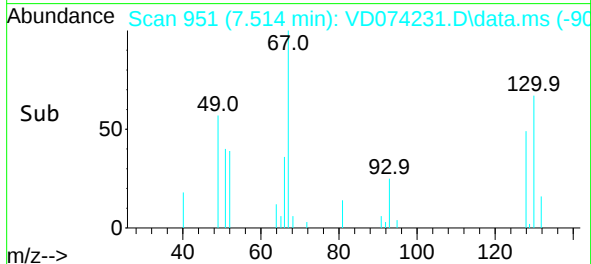
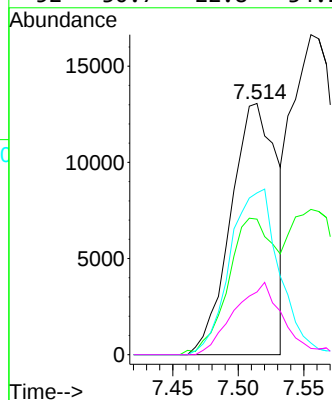
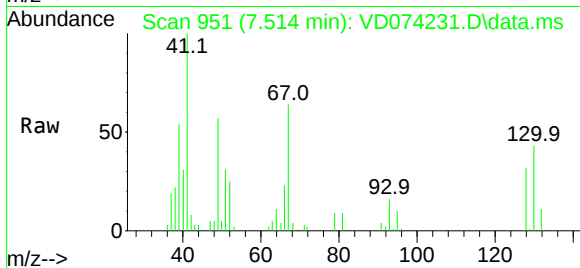




#41
Methacrylonitrile
Concen: 58.922 ug/l
RT: 7.514 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD074231.D
Acq: 24 Aug 2022 19:02

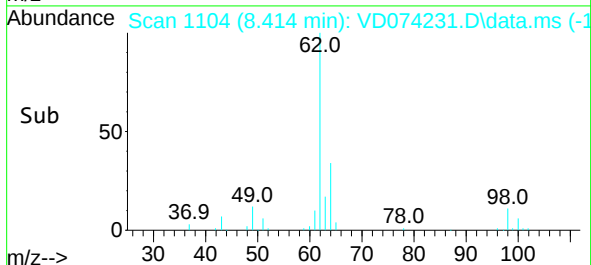
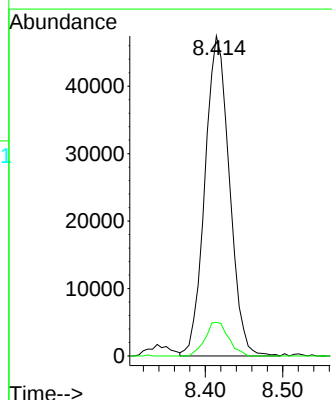
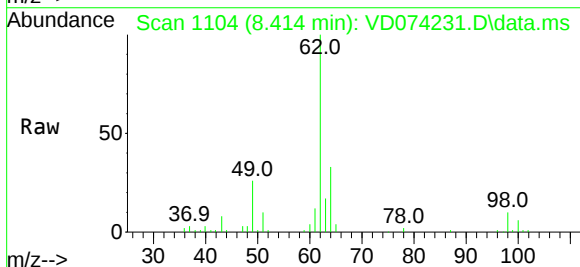
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

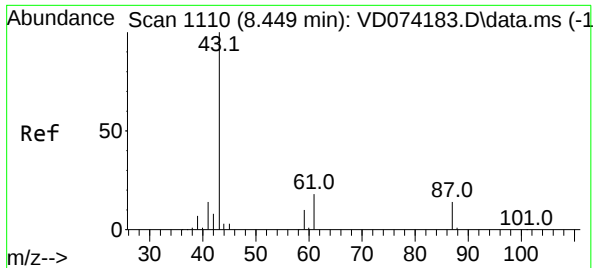
Tgt Ion: 41 Resp: 31607
Ion Ratio Lower Upper
41 100
39 56.4 44.6 67.0
67 71.4 48.2 72.4
52 30.7 22.8 34.2



#42
1,2-Dichloroethane
Concen: 55.360 ug/l
RT: 8.414 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VD074231.D
Acq: 24 Aug 2022 19:02

Tgt Ion: 62 Resp: 104109
Ion Ratio Lower Upper
62 100
98 10.0 0.0 17.6

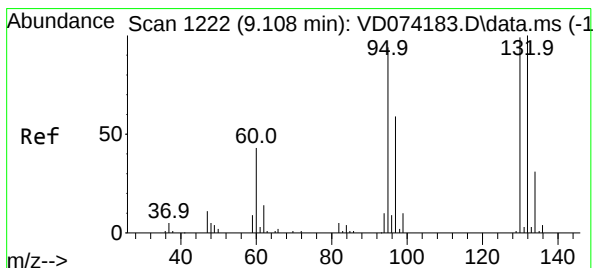
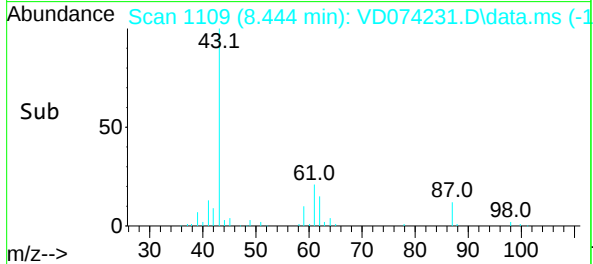
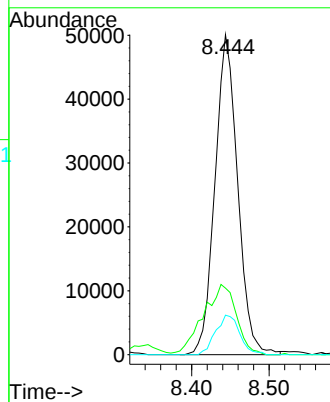
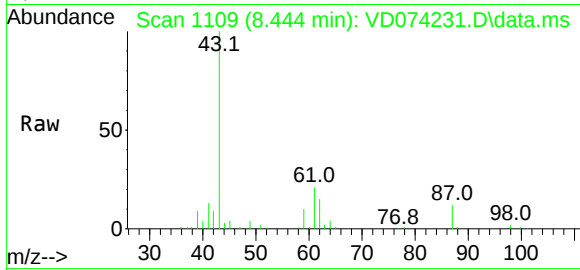




#43
Isopropyl Acetate
Concen: 56.879 ug/l
RT: 8.444 min Scan# 1110
Delta R.T. -0.005 min
Lab File: VD074231.D
Acq: 24 Aug 2022 19:02

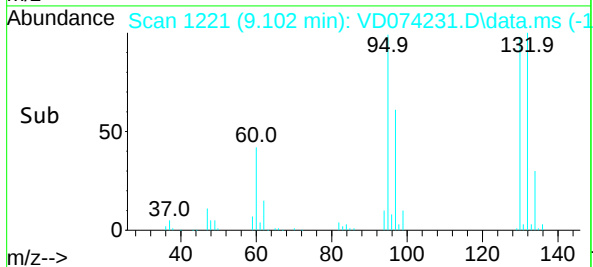
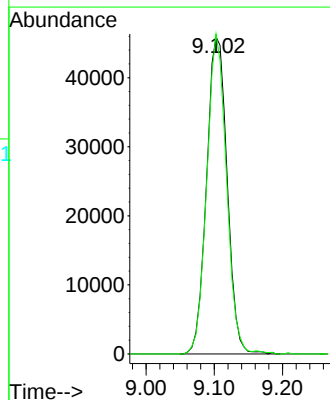
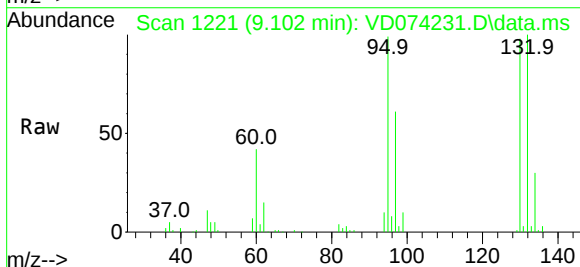
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

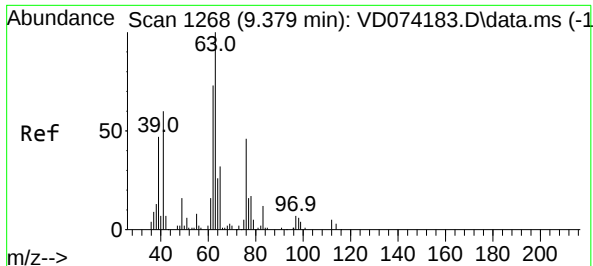
Tgt Ion: 43 Resp: 102099
Ion Ratio Lower Upper
43 100
61 32.0 22.4 33.6
87 13.1 8.7 13.1#



#44
Trichloroethene
Concen: 52.055 ug/l
RT: 9.102 min Scan# 1221
Delta R.T. -0.006 min
Lab File: VD074231.D
Acq: 24 Aug 2022 19:02

Tgt Ion:130 Resp: 96282
Ion Ratio Lower Upper
130 100
95 100.9 0.0 205.4





#45

1,2-Dichloropropane

Concen: 56.459 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. -0.000 min

Lab File: VD074231.D

Acq: 24 Aug 2022 19:02

Instrument :

MSVOA_D

ClientSampleId :

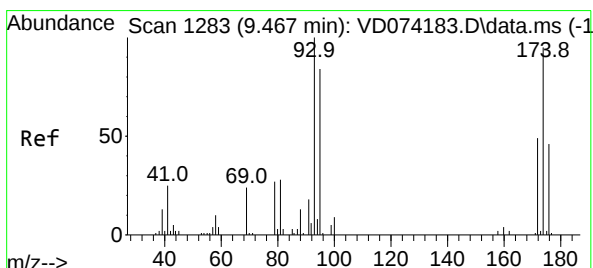
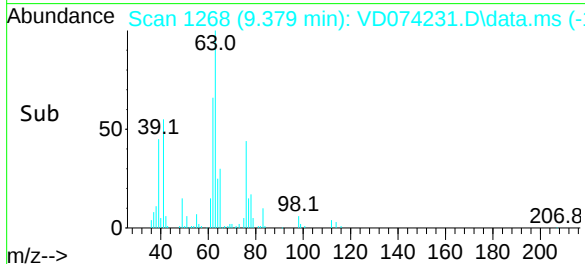
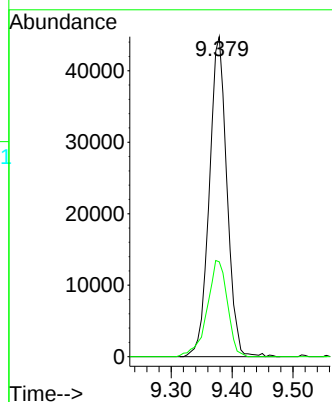
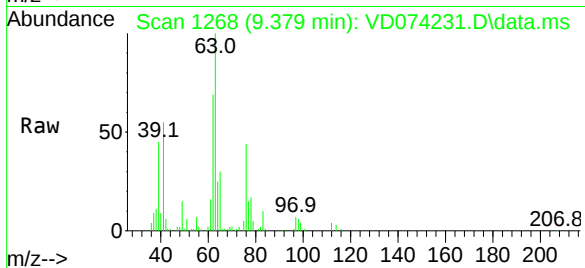
VSTDCCC050EC

Tgt Ion: 63 Resp: 89914

Ion Ratio Lower Upper

63 100

65 29.7 26.2 39.4



#46

Dibromomethane

Concen: 56.867 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. 0.000 min

Lab File: VD074231.D

Acq: 24 Aug 2022 19:02

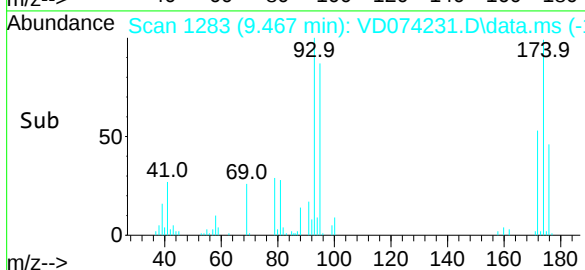
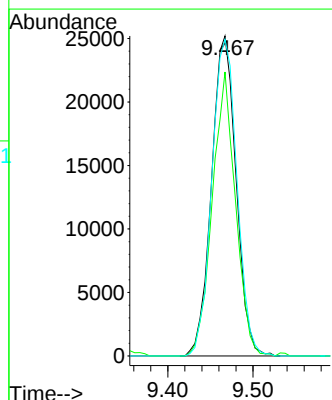
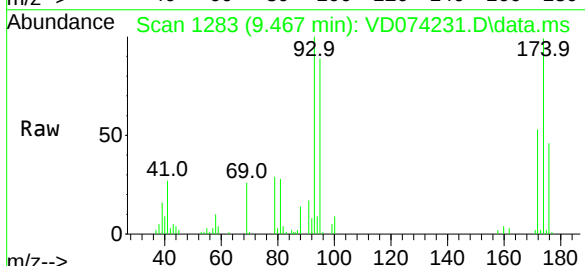
Tgt Ion: 93 Resp: 50525

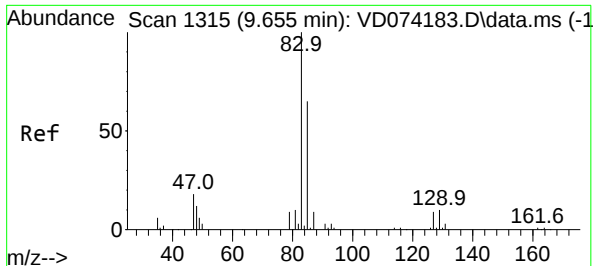
Ion Ratio Lower Upper

93 100

95 83.7 66.7 100.1

174 101.1 71.6 107.4





#47

Bromodichloromethane

Concen: 56.161 ug/l

RT: 9.649 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD074231.D

Acq: 24 Aug 2022 19:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

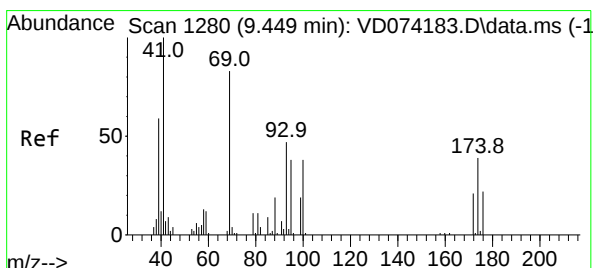
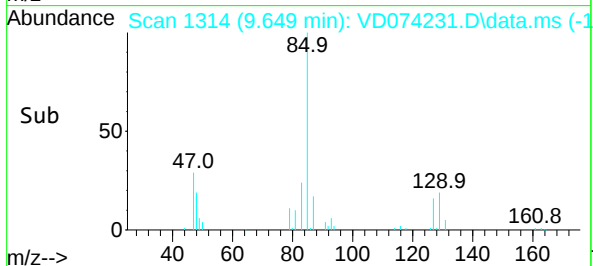
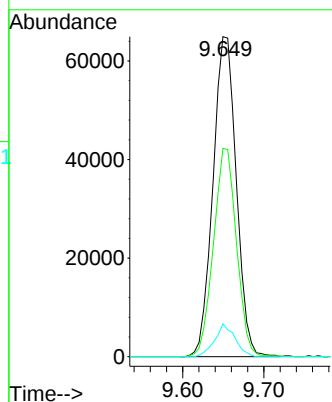
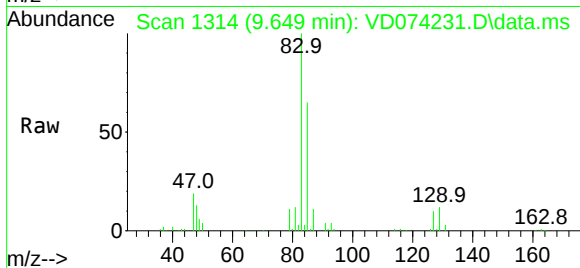
Tgt Ion: 83 Resp: 129782

Ion Ratio Lower Upper

83 100

85 65.0 51.4 77.0

127 10.3 6.1 9.1#



#48

Methyl methacrylate

Concen: 55.004 ug/l

RT: 9.449 min Scan# 1280

Delta R.T. 0.000 min

Lab File: VD074231.D

Acq: 24 Aug 2022 19:02

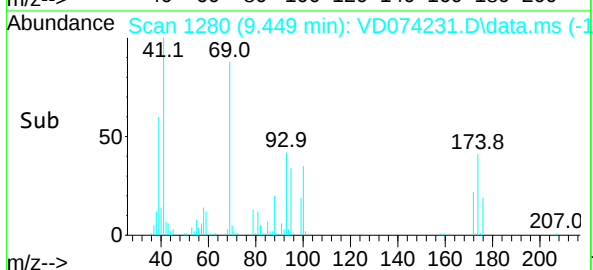
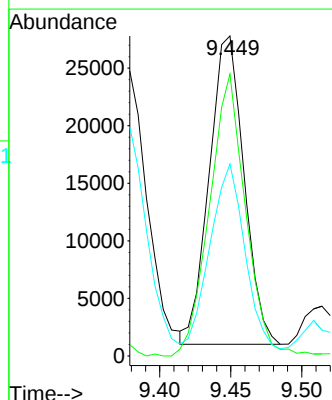
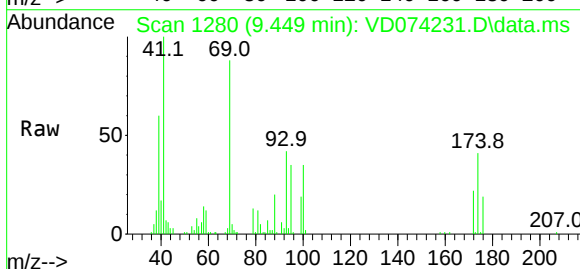
Tgt Ion: 41 Resp: 45645

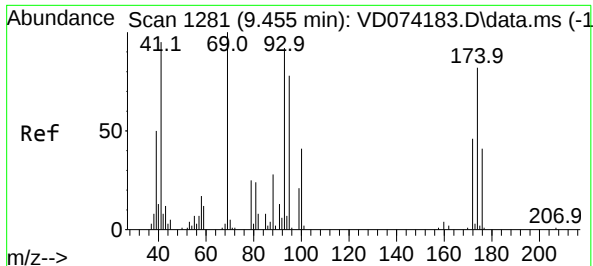
Ion Ratio Lower Upper

41 100

69 94.8 56.7 85.1#

39 59.8 42.7 64.1





#49

1,4-Dioxane

Concen: 1212.202 ug/l

RT: 9.455 min Scan# 1281

Delta R.T. 0.000 min

Lab File: VD074231.D

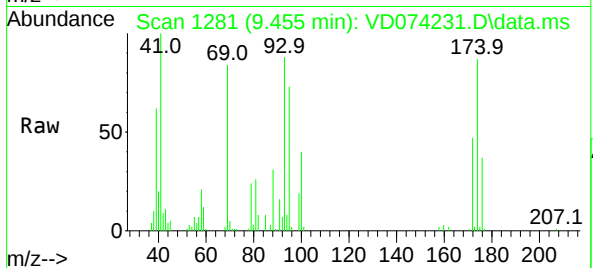
Acq: 24 Aug 2022 19:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC



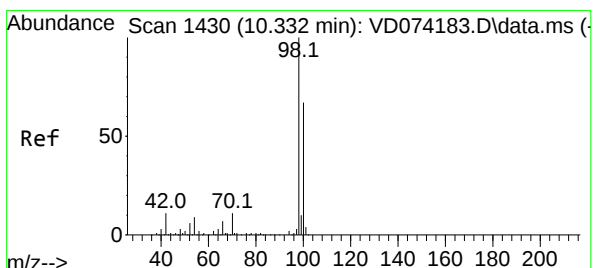
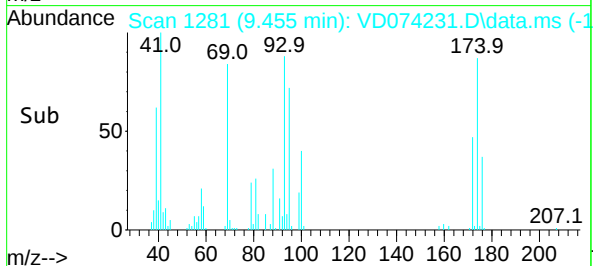
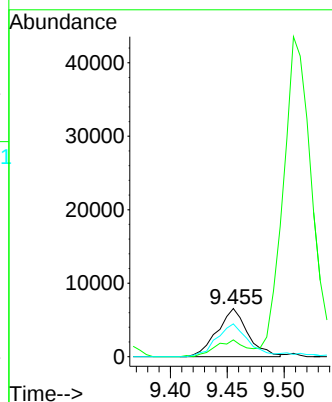
Tgt Ion: 88 Resp: 12221

Ion Ratio Lower Upper

88 100

43 34.8 31.0 46.4

58 71.0 58.1 87.1



#50

Toluene-d8

Concen: 48.944 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD074231.D

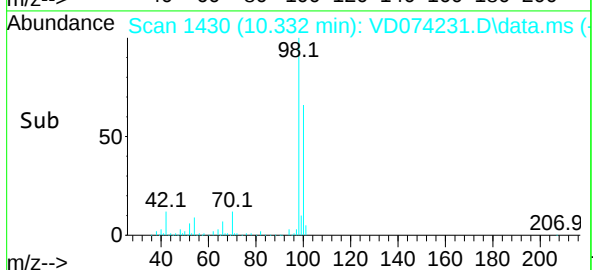
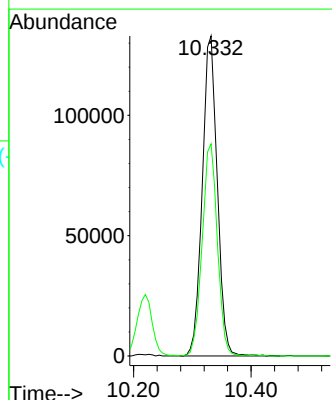
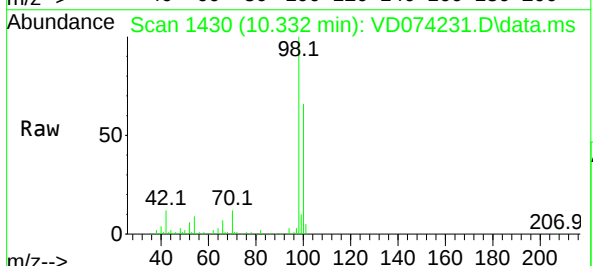
Acq: 24 Aug 2022 19:02

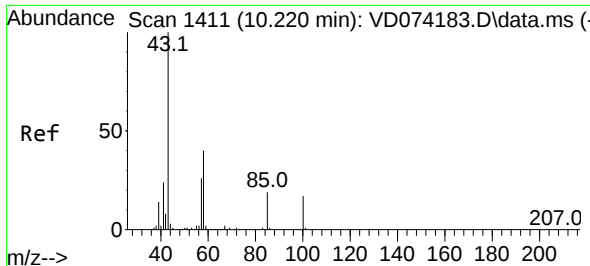
Tgt Ion: 98 Resp: 235884

Ion Ratio Lower Upper

98 100

100 67.1 52.4 78.6

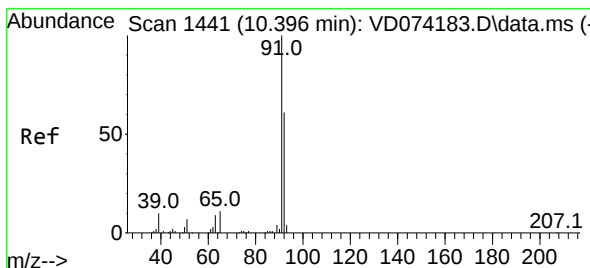
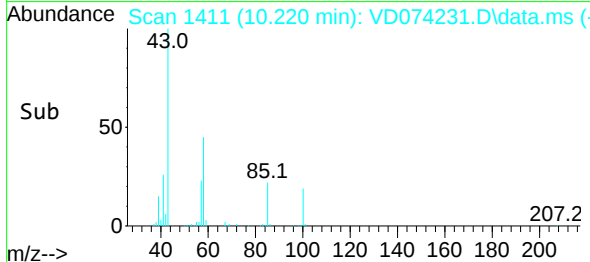
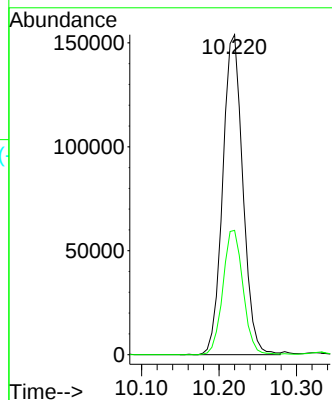
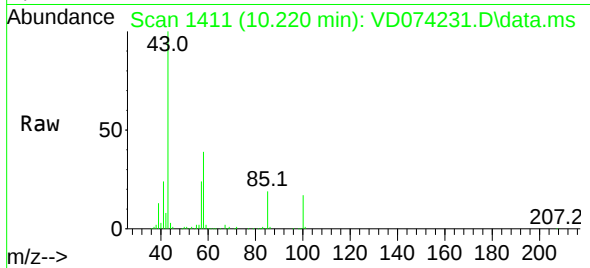




#51
4-Methyl-2-Pentanone
Concen: 309.720 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD074231.D
Acq: 24 Aug 2022 19:02

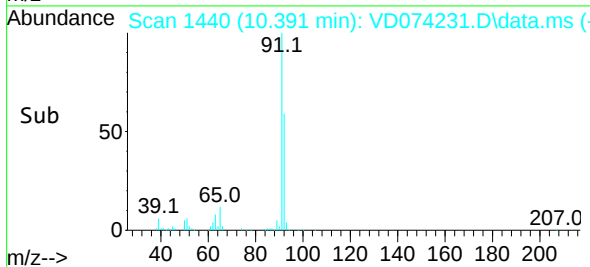
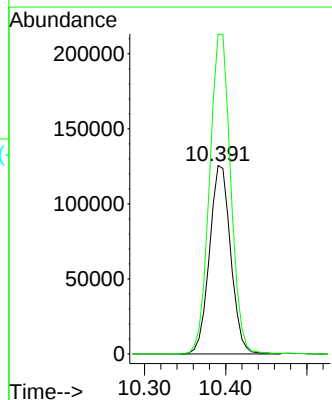
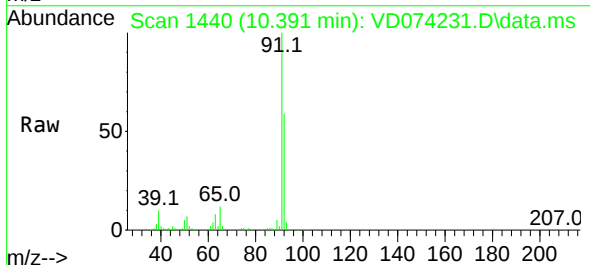
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

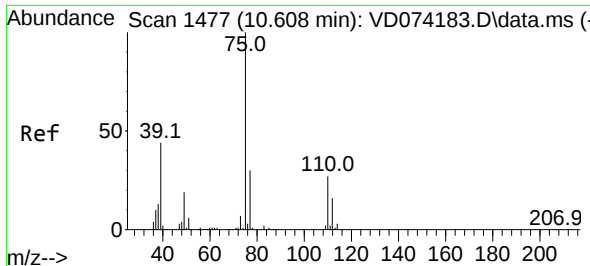
Tgt Ion: 43 Resp: 277752
Ion Ratio Lower Upper
43 100
58 39.0 28.6 43.0



#52
Toluene
Concen: 54.251 ug/l
RT: 10.391 min Scan# 1440
Delta R.T. -0.005 min
Lab File: VD074231.D
Acq: 24 Aug 2022 19:02

Tgt Ion: 92 Resp: 227518
Ion Ratio Lower Upper
92 100
91 169.8 139.6 209.4

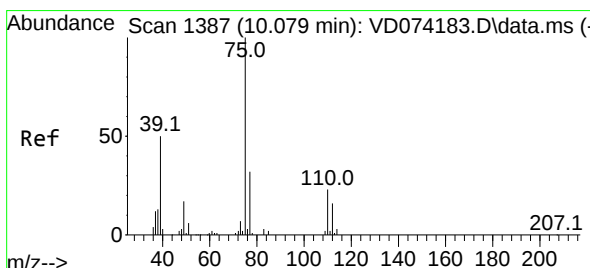
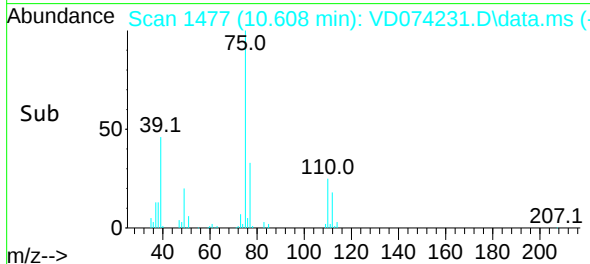
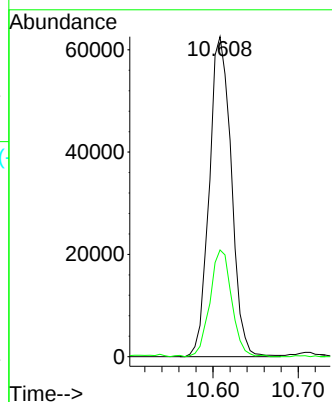
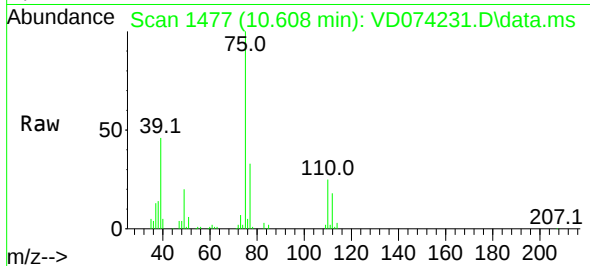




#53
 t-1,3-Dichloropropene
 Concen: 53.656 ug/l
 RT: 10.608 min Scan# 1477
 Delta R.T. 0.000 min
 Lab File: VD074231.D
 Acq: 24 Aug 2022 19:02

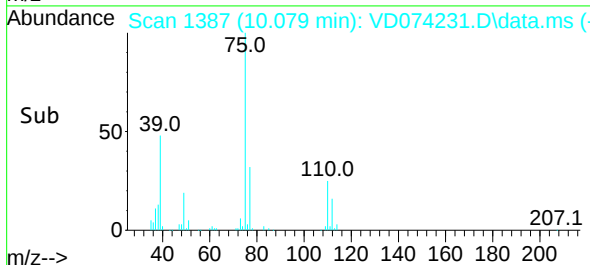
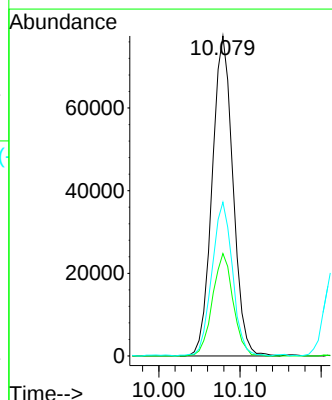
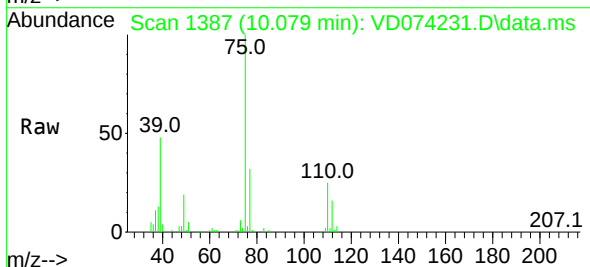
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

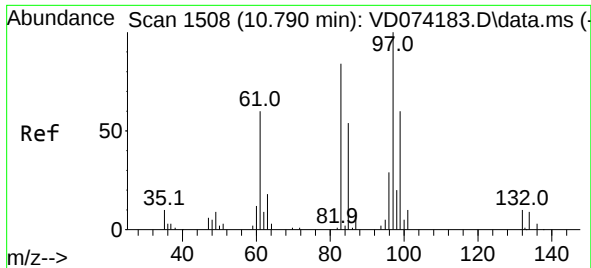
Tgt Ion: 75 Resp: 112446
 Ion Ratio Lower Upper
 75 100
 77 33.3 24.5 36.7



#54
 cis-1,3-Dichloropropene
 Concen: 55.489 ug/l
 RT: 10.079 min Scan# 1387
 Delta R.T. -0.000 min
 Lab File: VD074231.D
 Acq: 24 Aug 2022 19:02

Tgt Ion: 75 Resp: 137878
 Ion Ratio Lower Upper
 75 100
 77 32.0 24.8 37.2
 39 47.8 46.8 70.2

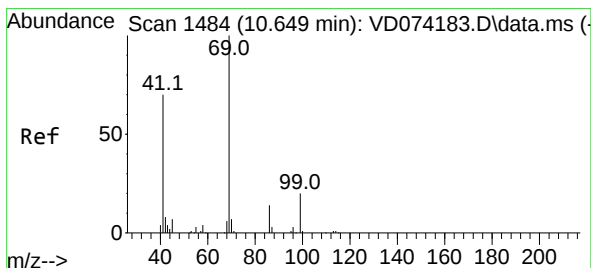
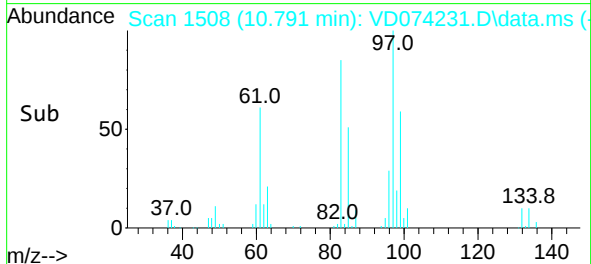
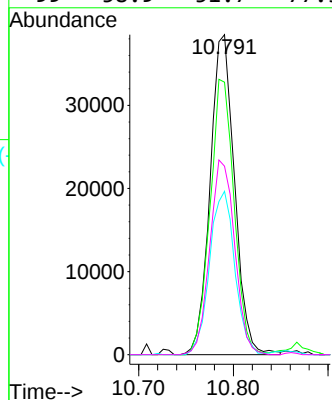
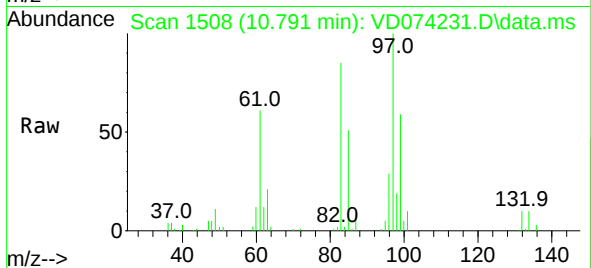




#55
 1,1,2-Trichloroethane
 Concen: 56.837 ug/l
 RT: 10.791 min Scan# 1508
 Delta R.T. 0.001 min
 Lab File: VD074231.D
 Acq: 24 Aug 2022 19:02

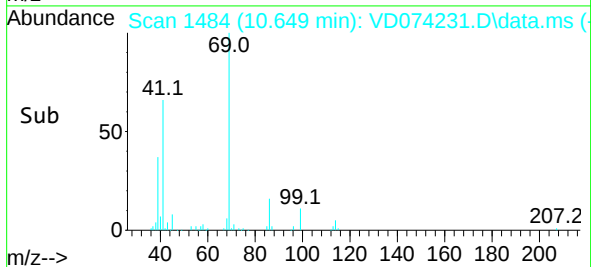
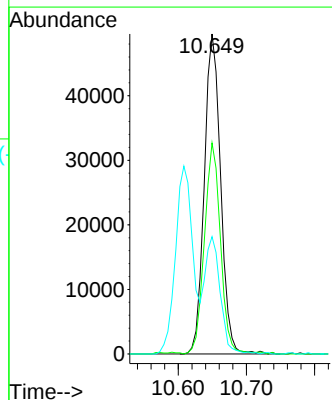
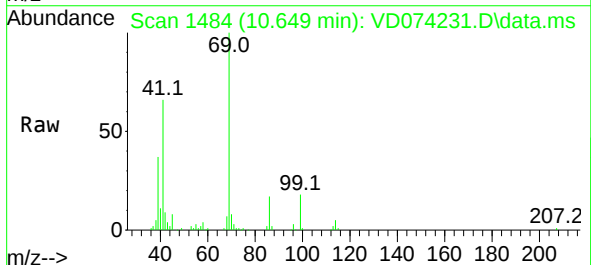
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

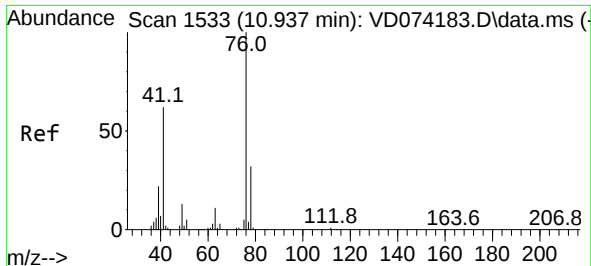
Tgt Ion:	97	Resp:	69065
Ion	Ratio	Lower	Upper
97	100		
83	85.1	69.0	103.4
85	51.1	42.6	63.8
99	58.9	51.7	77.5



#56
 Ethyl methacrylate
 Concen: 59.658 ug/l
 RT: 10.649 min Scan# 1484
 Delta R.T. 0.000 min
 Lab File: VD074231.D
 Acq: 24 Aug 2022 19:02

Tgt Ion:	69	Resp:	82814
Ion	Ratio	Lower	Upper
69	100		
41	64.6	63.0	94.6
39	34.4	33.8	50.8





#57

1,3-Dichloropropane

Concen: 56.617 ug/l

RT: 10.932 min Scan# 114966

Delta R.T. -0.005 min

Lab File: VD074231.D

Acq: 24 Aug 2022 19:02

Instrument :

MSVOA_D

ClientSampleId :

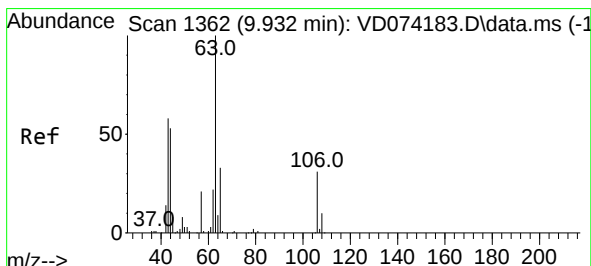
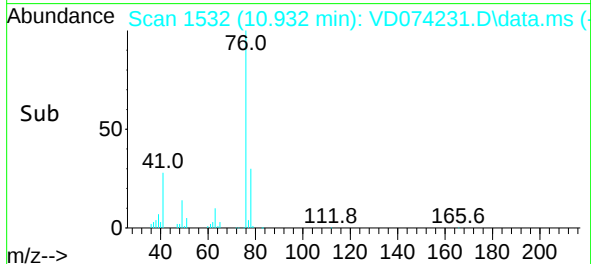
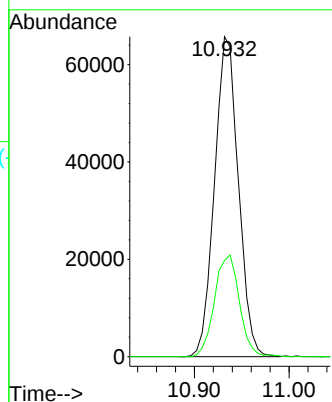
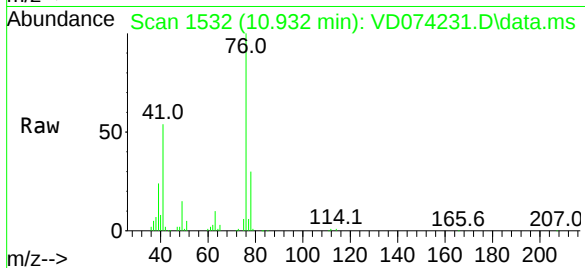
VSTDCCC050EC

Tgt Ion: 76 Resp: 114966

Ion Ratio Lower Upper

76 100

78 33.2 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 218.580 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VD074231.D

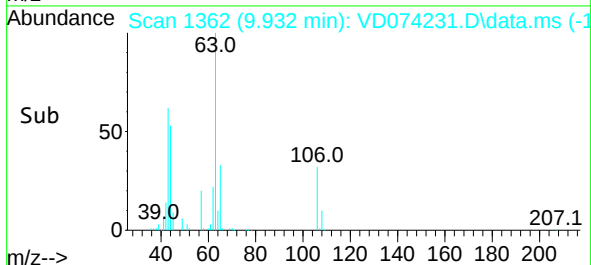
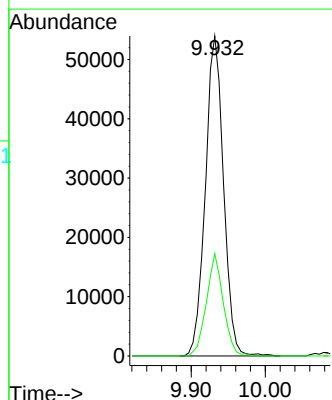
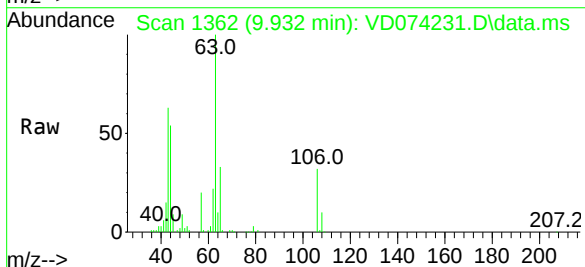
Acq: 24 Aug 2022 19:02

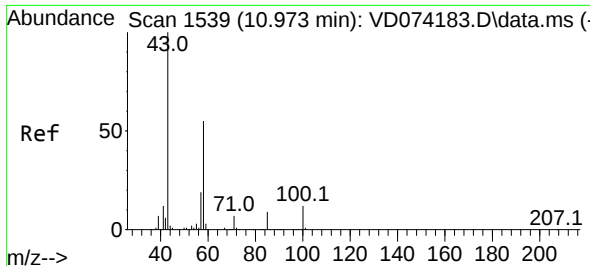
Tgt Ion: 63 Resp: 91846

Ion Ratio Lower Upper

63 100

106 29.7 21.4 32.0

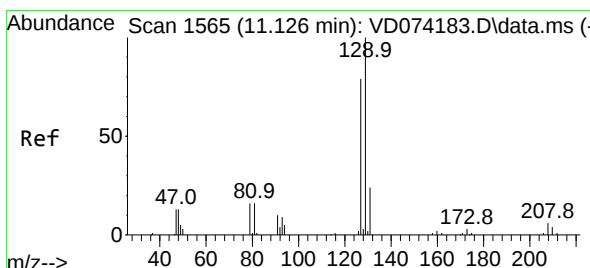
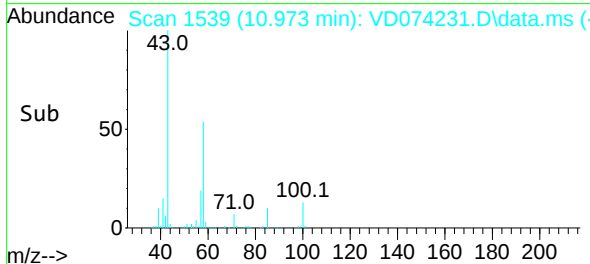
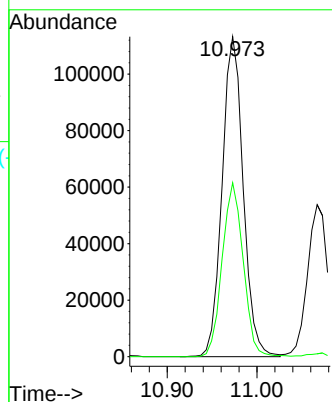
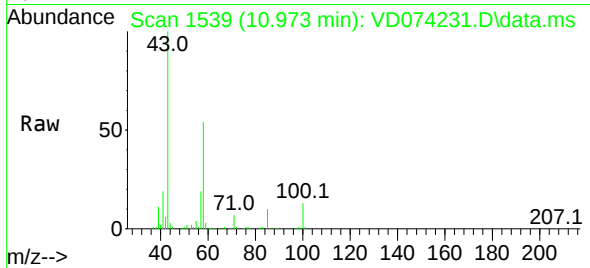




#59
2-Hexanone
Concen: 306.045 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VD074231.D
Acq: 24 Aug 2022 19:02

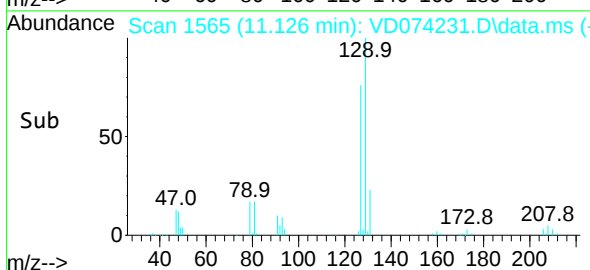
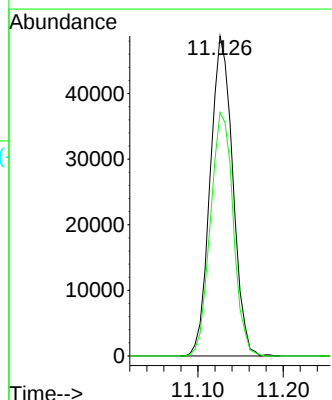
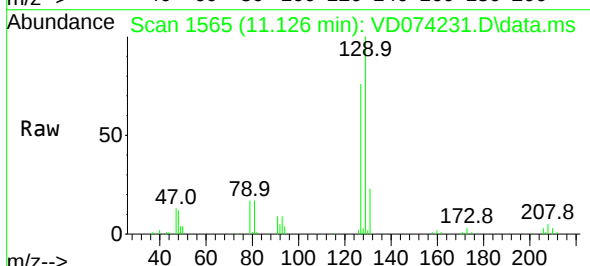
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

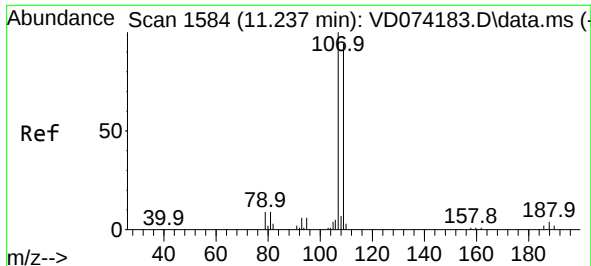
Tgt Ion: 43 Resp: 185049
Ion Ratio Lower Upper
43 100
58 54.0 25.3 75.9



#60
Dibromochloromethane
Concen: 56.706 ug/l
RT: 11.126 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VD074231.D
Acq: 24 Aug 2022 19:02

Tgt Ion: 129 Resp: 89487
Ion Ratio Lower Upper
129 100
127 76.9 39.2 117.6

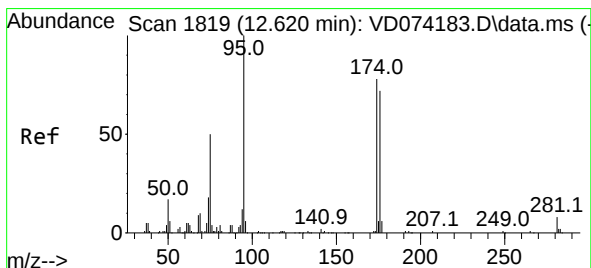
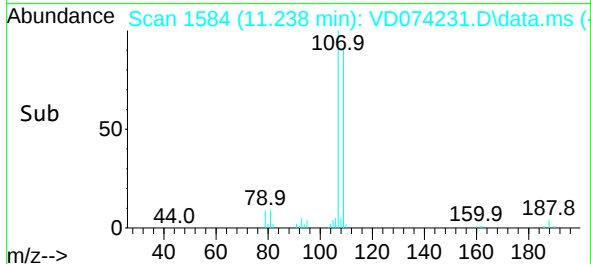
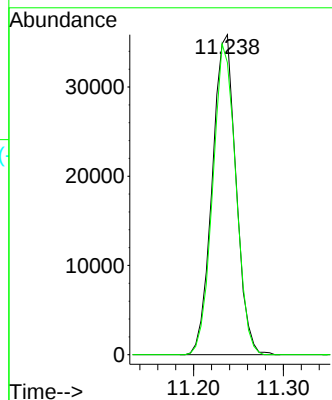
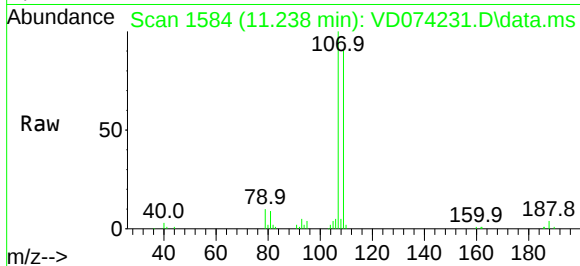




#61
1,2-Dibromoethane
Concen: 55.639 ug/l
RT: 11.238 min Scan# 11
Delta R.T. 0.001 min
Lab File: VD074231.D
Acq: 24 Aug 2022 19:02

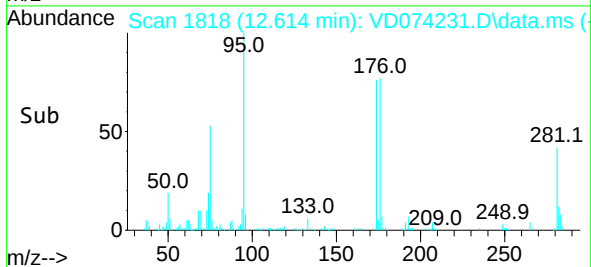
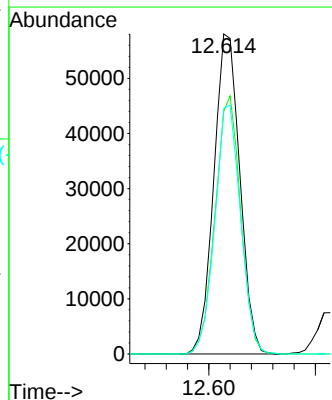
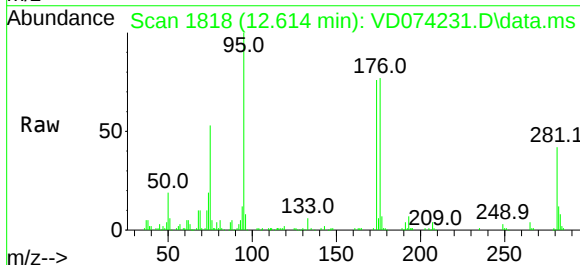
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

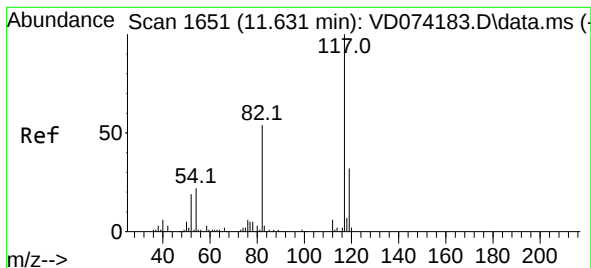
Tgt Ion:107 Resp: 65948
Ion Ratio Lower Upper
107 100
109 94.4 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 51.607 ug/l
RT: 12.614 min Scan# 1818
Delta R.T. -0.006 min
Lab File: VD074231.D
Acq: 24 Aug 2022 19:02

Tgt Ion: 95 Resp: 98258
Ion Ratio Lower Upper
95 100
174 78.9 0.0 152.8
176 76.8 0.0 145.4

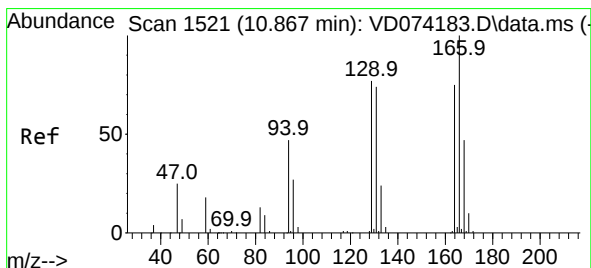
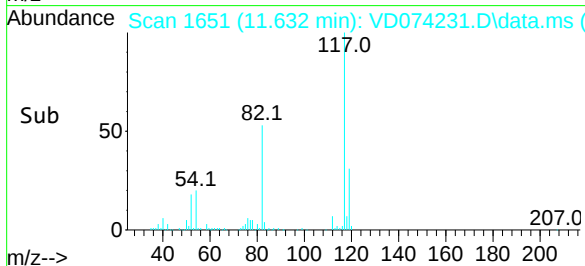
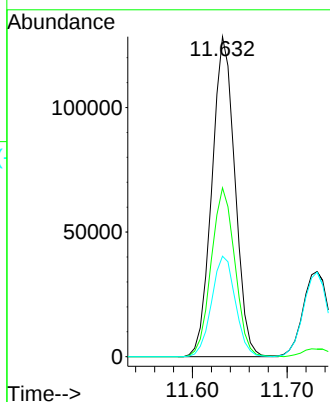
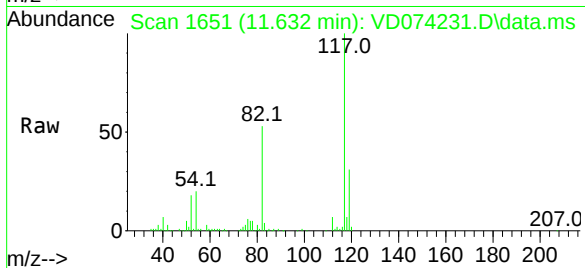




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1
Delta R.T. 0.001 min
Lab File: VD074231.D
Acq: 24 Aug 2022 19:02

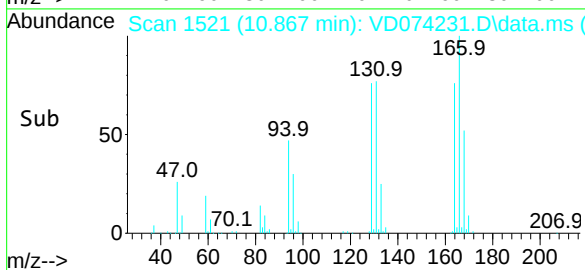
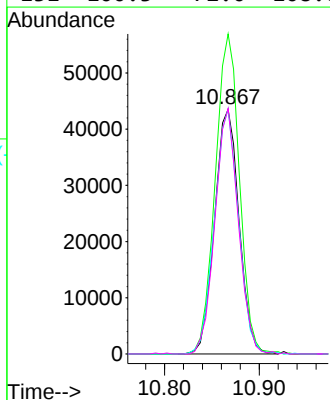
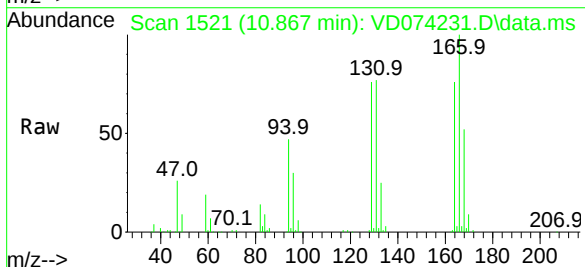
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

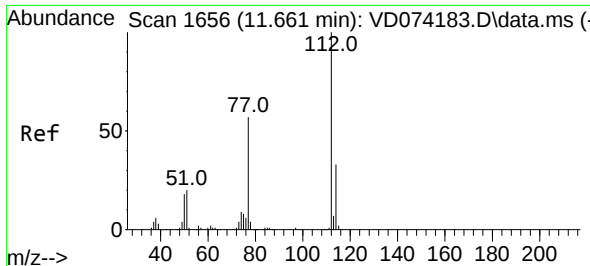
Tgt Ion:117 Resp: 217290
Ion Ratio Lower Upper
117 100
82 52.8 45.3 67.9
119 31.4 26.6 40.0



#64
Tetrachloroethene
Concen: 49.307 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VD074231.D
Acq: 24 Aug 2022 19:02

Tgt Ion:164 Resp: 78184
Ion Ratio Lower Upper
164 100
166 130.8 98.5 147.7
129 100.0 74.6 111.8
131 100.3 72.0 108.0

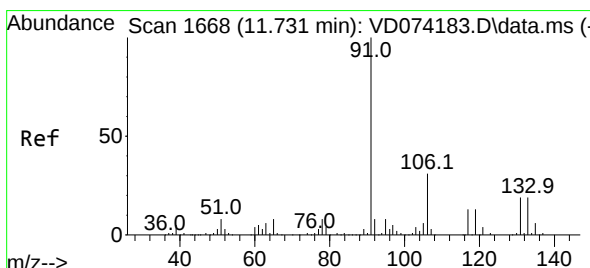
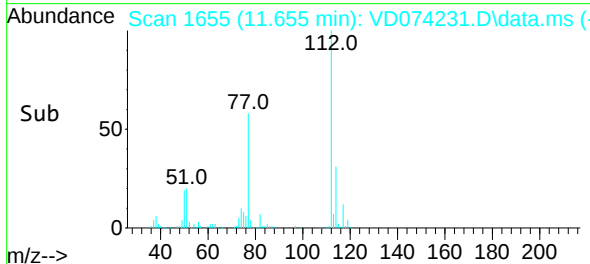
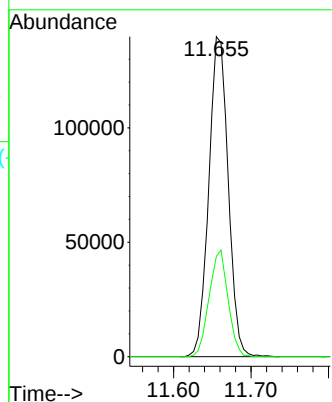
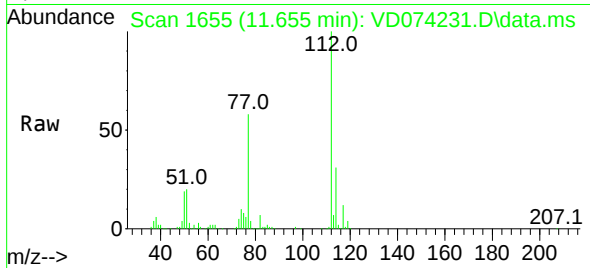




#65
Chlorobenzene
Concen: 51.330 ug/l
RT: 11.655 min Scan# 1655
Delta R.T. -0.006 min
Lab File: VD074231.D
Acq: 24 Aug 2022 19:02

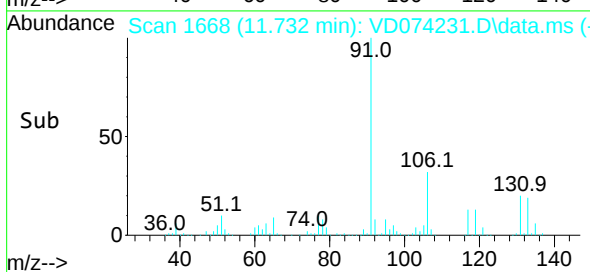
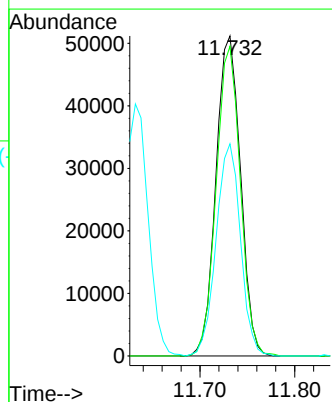
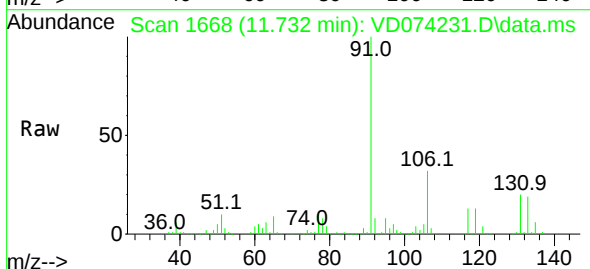
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

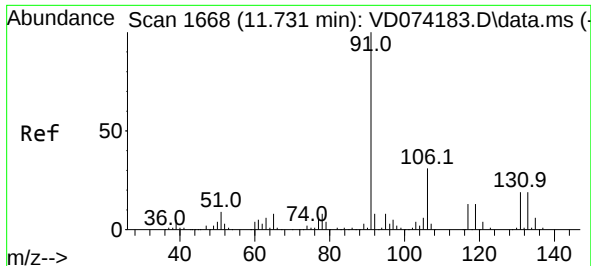
Tgt Ion:112 Resp: 243080
Ion Ratio Lower Upper
112 100
114 31.3 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 51.821 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. 0.001 min
Lab File: VD074231.D
Acq: 24 Aug 2022 19:02

Tgt Ion:131 Resp: 92262
Ion Ratio Lower Upper
131 100
133 95.2 48.1 144.3
119 65.8 31.9 95.9

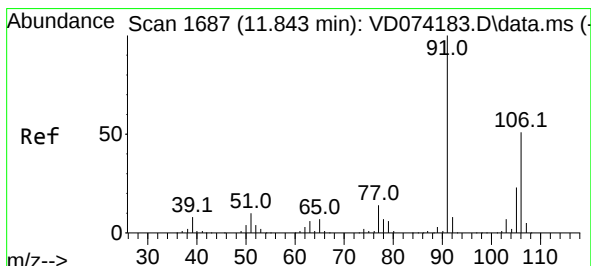
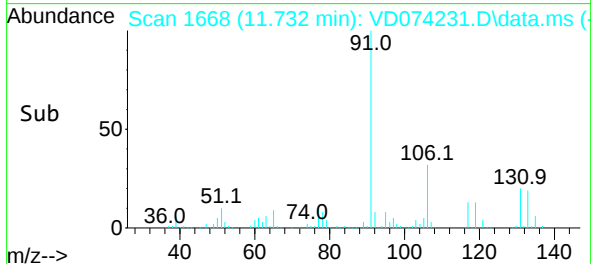
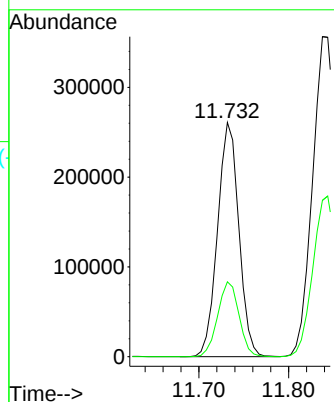
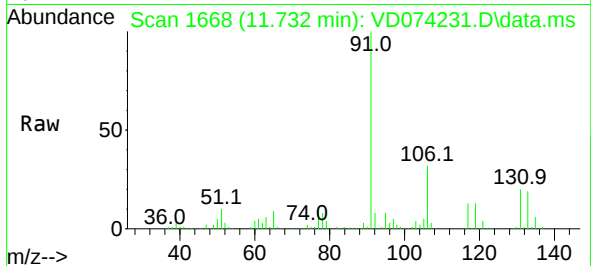




#67
Ethyl Benzene
Concen: 52.990 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. 0.001 min
Lab File: VD074231.D
Acq: 24 Aug 2022 19:02

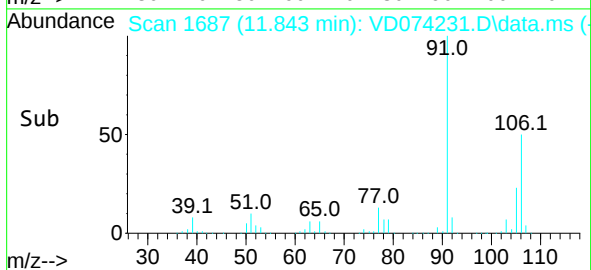
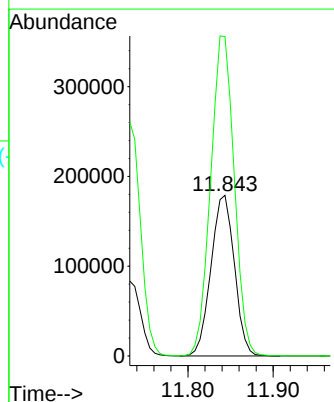
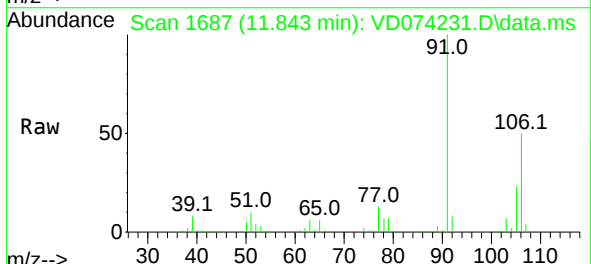
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

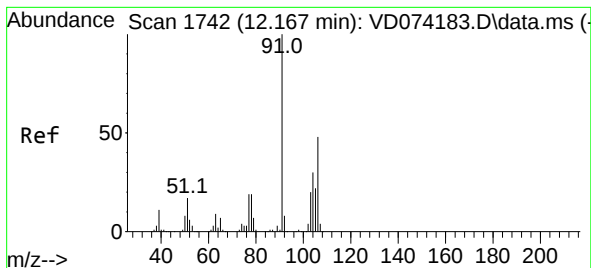
Tgt Ion: 91 Resp: 429475
Ion Ratio Lower Upper
91 100
106 32.0 24.2 36.4



#68
m/p-Xylenes
Concen: 105.901 ug/l
RT: 11.843 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VD074231.D
Acq: 24 Aug 2022 19:02

Tgt Ion:106 Resp: 341859
Ion Ratio Lower Upper
106 100
91 201.0 163.7 245.5





#69

o-Xylene

Concen: 53.153 ug/l

RT: 12.167 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD074231.D

Acq: 24 Aug 2022 19:02

Instrument :

MSVOA_D

ClientSampleId :

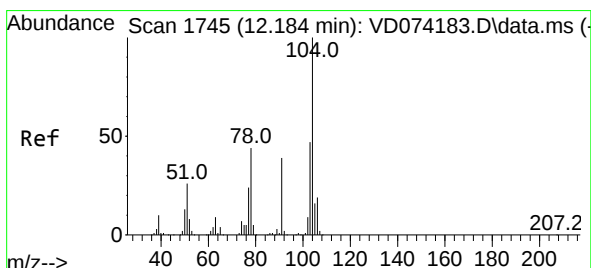
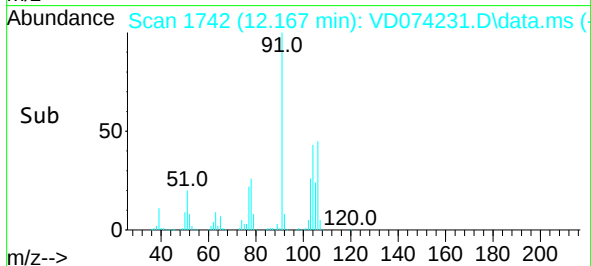
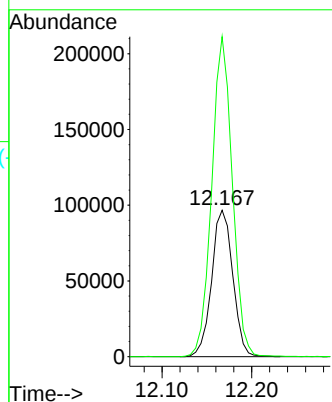
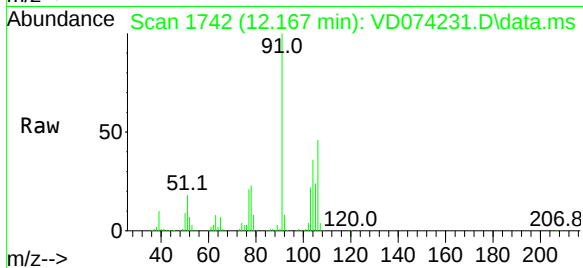
VSTDCCC050EC

Tgt Ion:106 Resp: 158322

Ion Ratio Lower Upper

106 100

91 212.7 110.4 331.2



#70

Styrene

Concen: 54.406 ug/l

RT: 12.179 min Scan# 1744

Delta R.T. -0.005 min

Lab File: VD074231.D

Acq: 24 Aug 2022 19:02

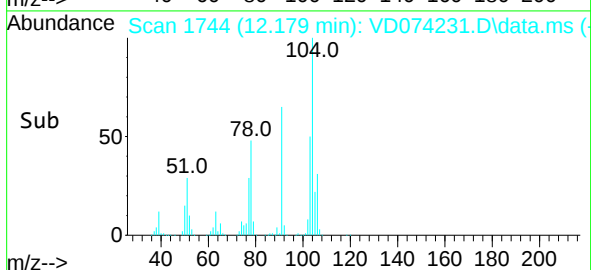
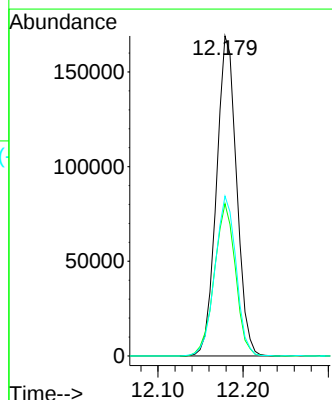
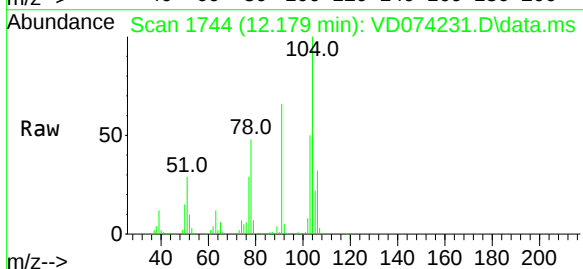
Tgt Ion:104 Resp: 277838

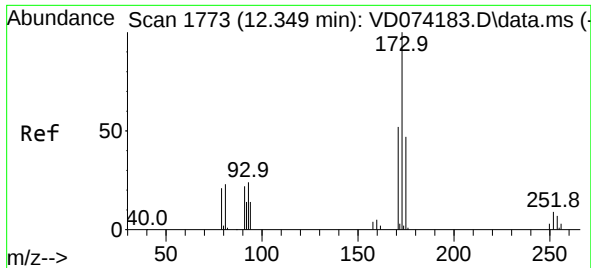
Ion Ratio Lower Upper

104 100

78 49.9 41.8 62.8

103 52.7 44.2 66.4

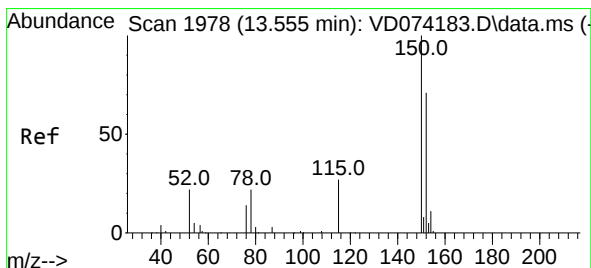
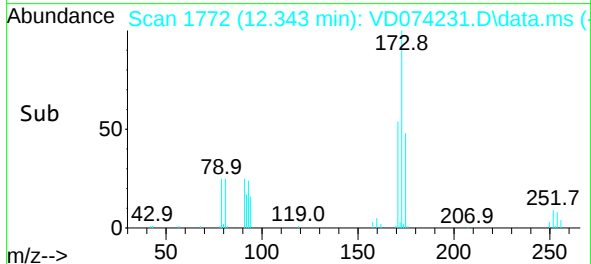
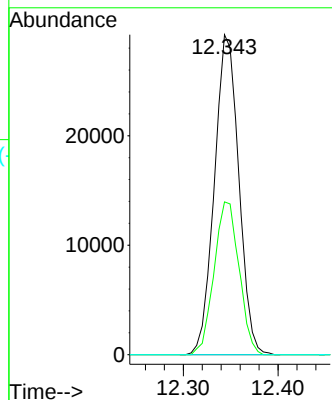
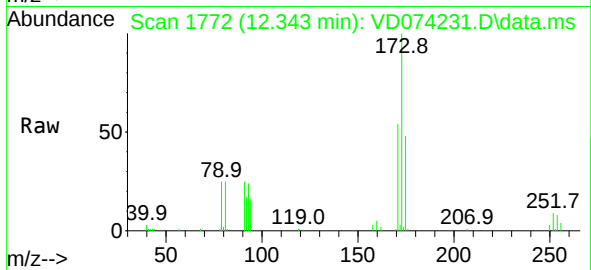




#71
Bromoform
Concen: 54.034 ug/l
RT: 12.343 min Scan# 1772
Delta R.T. -0.006 min
Lab File: VD074231.D
Acq: 24 Aug 2022 19:02

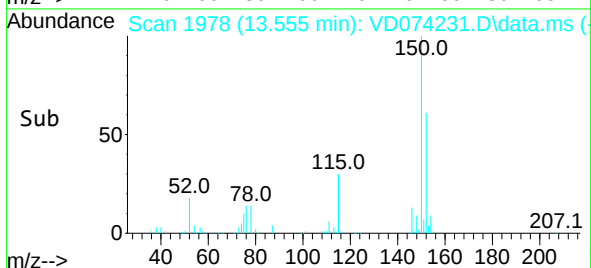
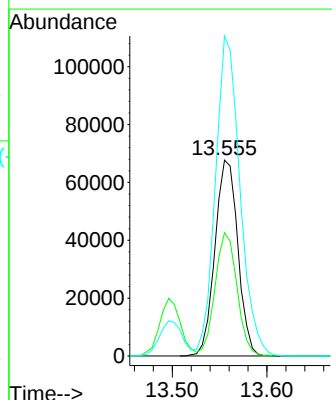
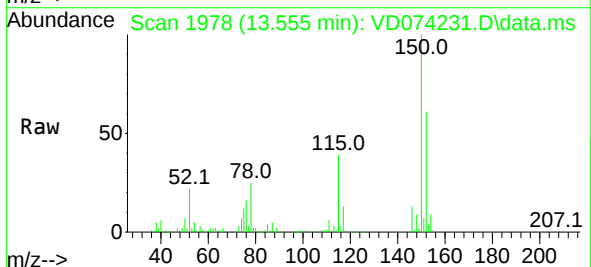
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

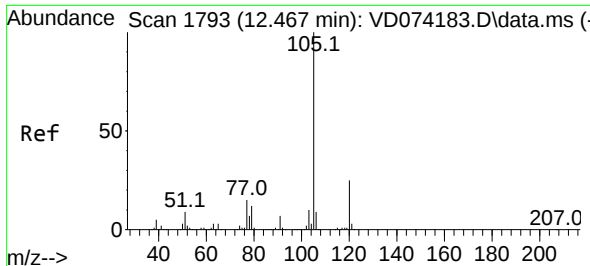
Tgt Ion:173 Resp: 52320
Ion Ratio Lower Upper
173 100
175 48.9 23.9 71.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.555 min Scan# 1978
Delta R.T. 0.000 min
Lab File: VD074231.D
Acq: 24 Aug 2022 19:02

Tgt Ion:152 Resp: 113710
Ion Ratio Lower Upper
152 100
115 60.6 31.3 93.8
150 175.7 0.0 348.6

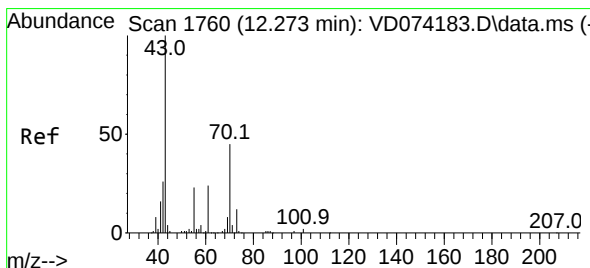
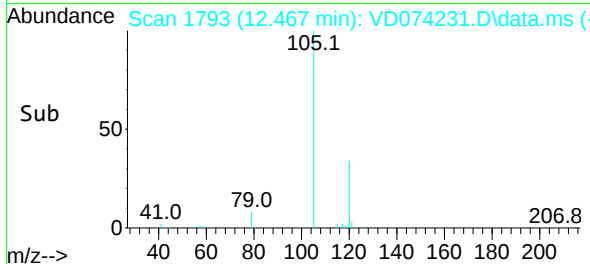
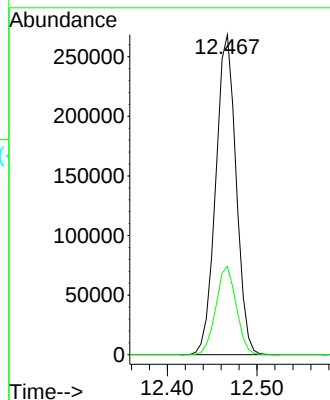
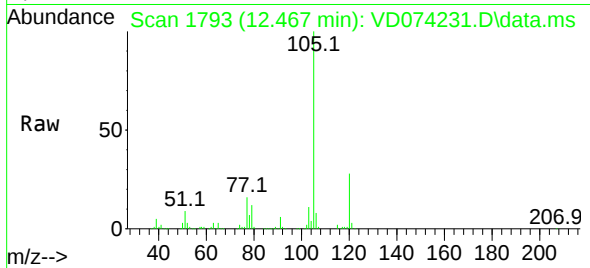




#73
Isopropylbenzene
Concen: 51.372 ug/l
RT: 12.467 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074231.D
Acq: 24 Aug 2022 19:02

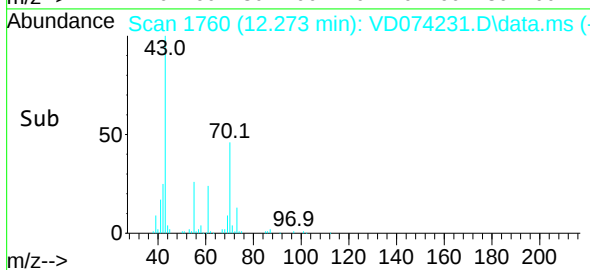
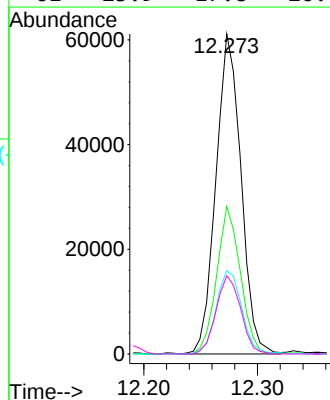
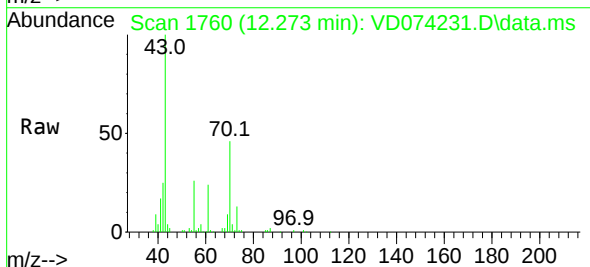
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

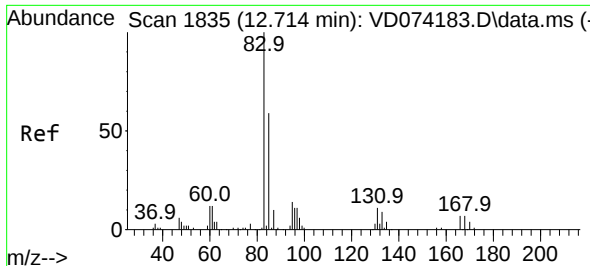
Tgt Ion:105 Resp: 422967
Ion Ratio Lower Upper
105 100
120 27.6 13.0 38.9



#74
N-ethyl acetate
Concen: 52.346 ug/l
RT: 12.273 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VD074231.D
Acq: 24 Aug 2022 19:02

Tgt Ion: 43 Resp: 93753
Ion Ratio Lower Upper
43 100
70 43.5 31.3 46.9
55 26.6 20.0 30.0
61 23.9 17.8 26.8

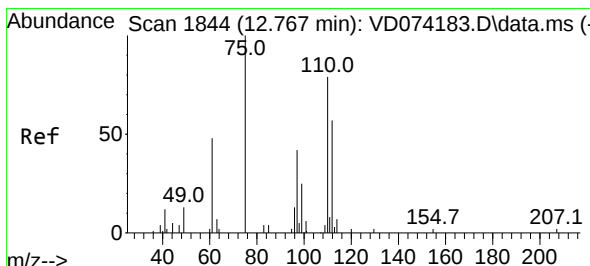
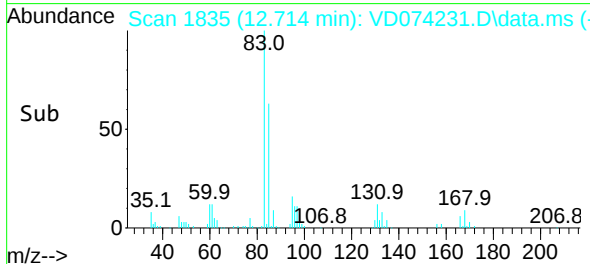
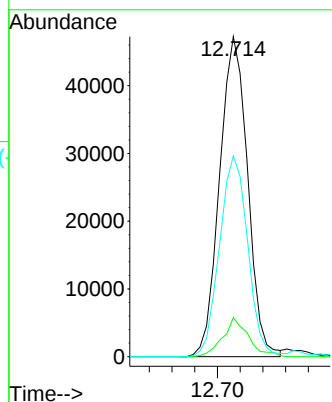
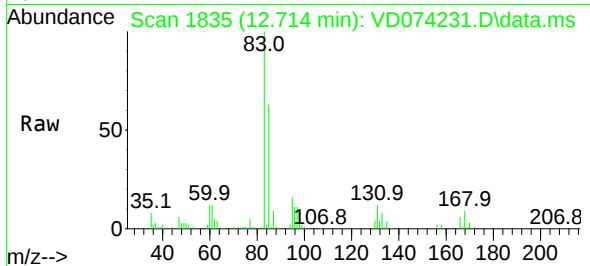




#75
1,1,2,2-Tetrachloroethane
Concen: 55.052 ug/l
RT: 12.714 min Scan# 1835
Delta R.T. -0.000 min
Lab File: VD074231.D
Acq: 24 Aug 2022 19:02

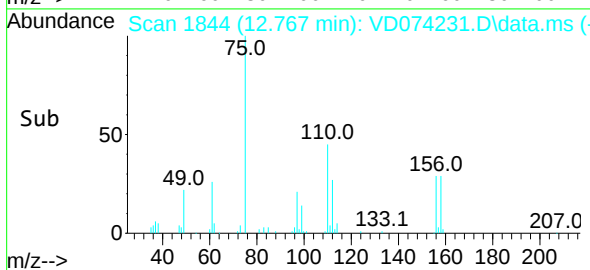
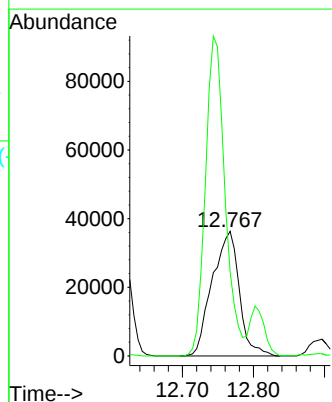
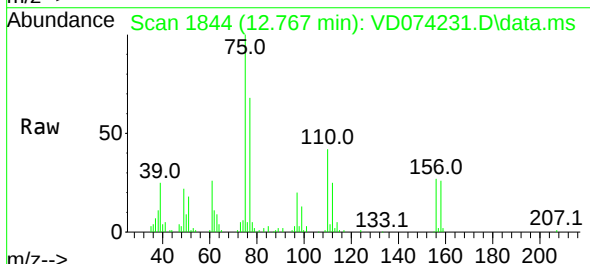
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

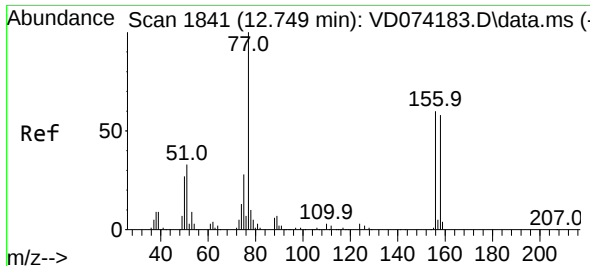
Tgt Ion: 83 Resp: 80953
Ion Ratio Lower Upper
83 100
131 11.2 5.0 14.9
85 63.2 32.6 98.0



#76
1,2,3-Trichloropropane
Concen: 86.564 ug/l
RT: 12.767 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VD074231.D
Acq: 24 Aug 2022 19:02

Tgt Ion: 75 Resp: 96111
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

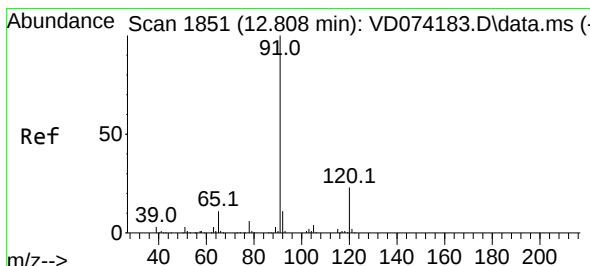
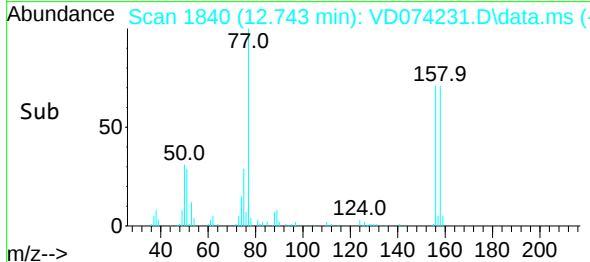
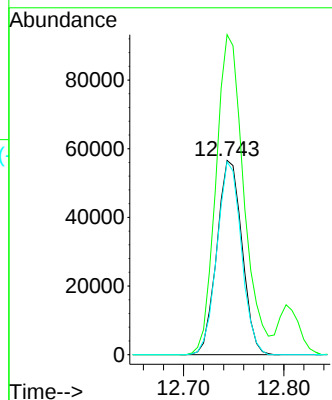
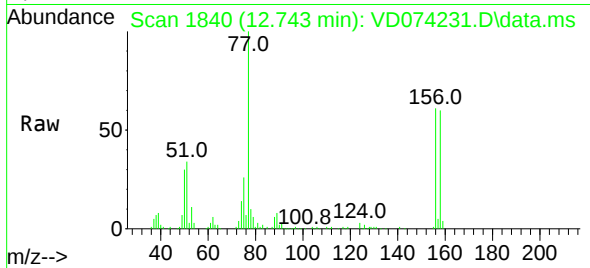




#77
Bromobenzene
Concen: 50.499 ug/l
RT: 12.743 min Scan# 1840
Delta R.T. -0.006 min
Lab File: VD074231.D
Acq: 24 Aug 2022 19:02

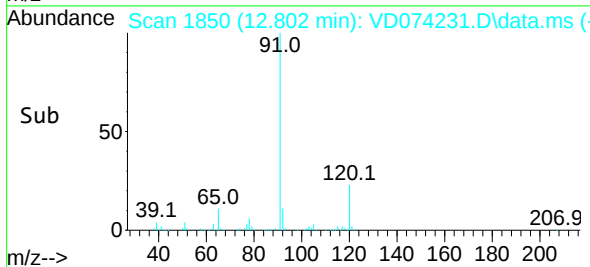
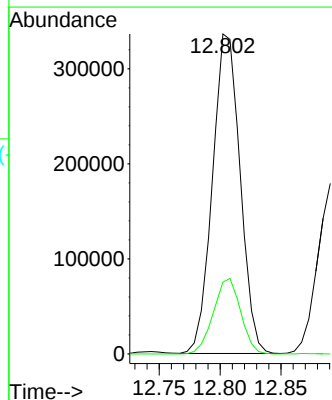
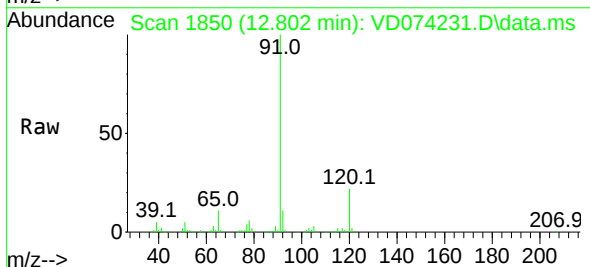
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

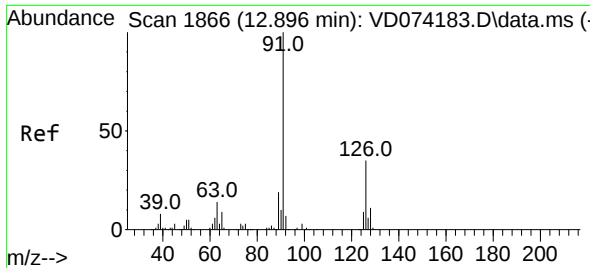
Tgt Ion:156 Resp: 98506
Ion Ratio Lower Upper
156 100
77 181.5 102.8 308.3
158 96.3 48.7 146.1



#78
n-propylbenzene
Concen: 52.748 ug/l
RT: 12.802 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VD074231.D
Acq: 24 Aug 2022 19:02

Tgt Ion: 91 Resp: 531151
Ion Ratio Lower Upper
91 100
120 23.3 10.9 32.9

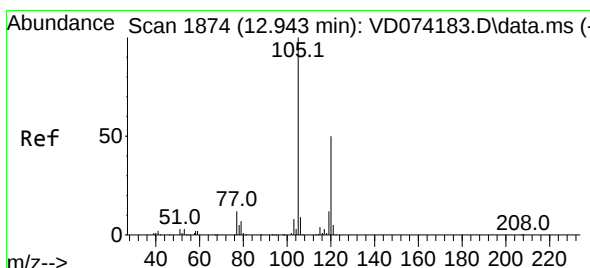
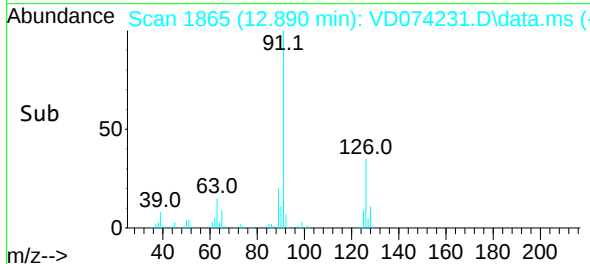
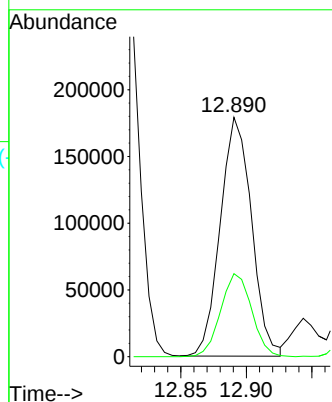
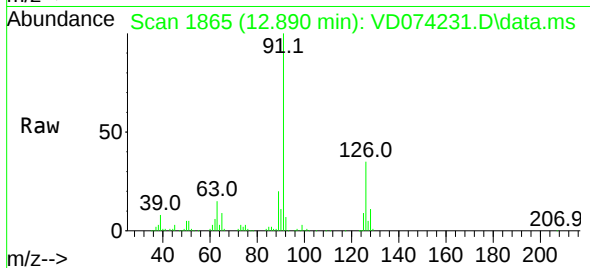




#79
2-Chlorotoluene
Concen: 51.102 ug/l
RT: 12.890 min Scan# 1865
Delta R.T. -0.006 min
Lab File: VD074231.D
Acq: 24 Aug 2022 19:02

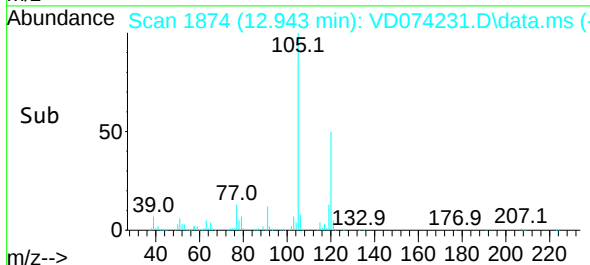
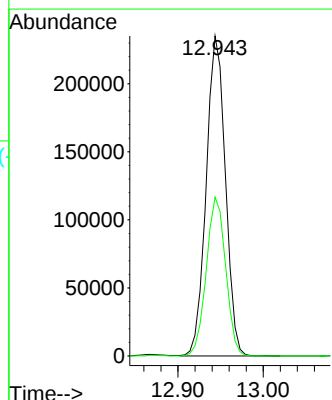
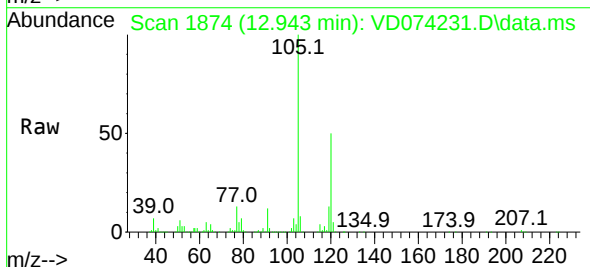
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

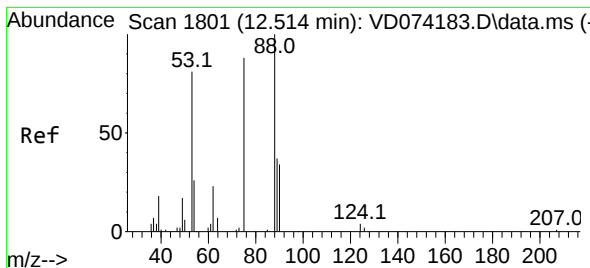
Tgt Ion: 91 Resp: 297132
Ion Ratio Lower Upper
91 100
126 34.4 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 52.033 ug/l
RT: 12.943 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VD074231.D
Acq: 24 Aug 2022 19:02

Tgt Ion: 105 Resp: 368048
Ion Ratio Lower Upper
105 100
120 50.0 24.3 72.8

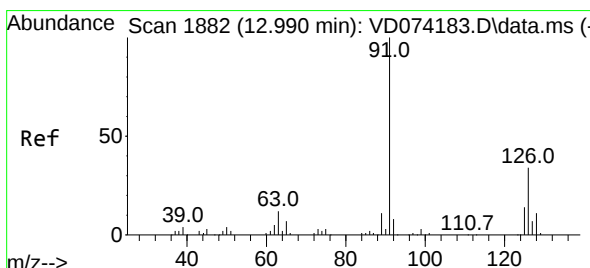
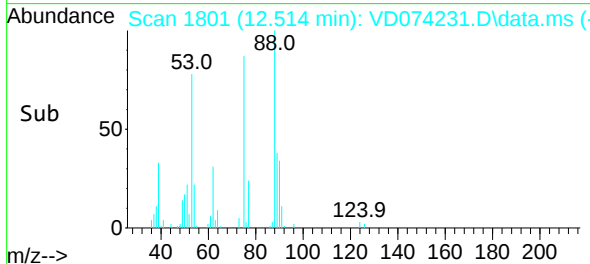
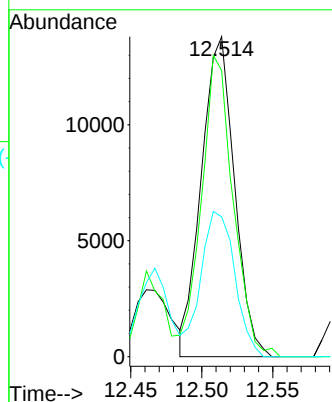
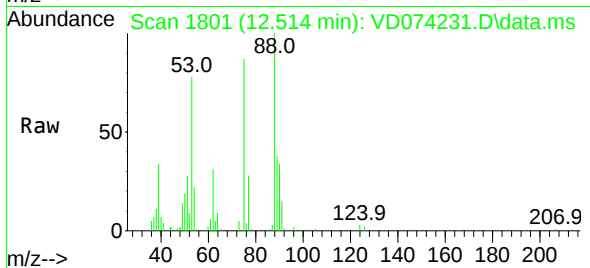




#81
trans-1,4-Dichloro-2-butene
Concen: 51.676 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. 0.000 min
Lab File: VD074231.D
Acq: 24 Aug 2022 19:02

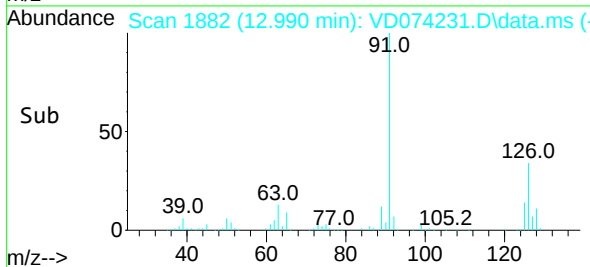
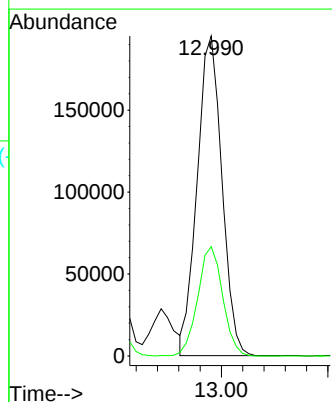
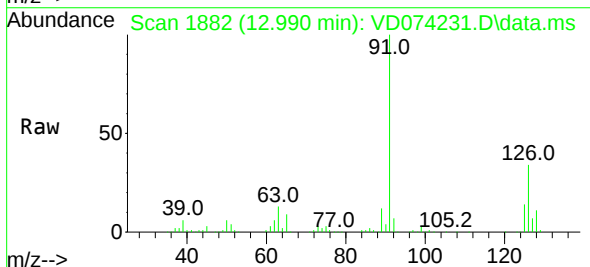
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

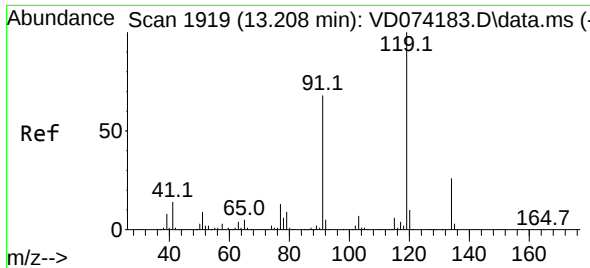
Tgt Ion: 75 Resp: 22311
Ion Ratio Lower Upper
75 100
53 91.3 86.5 129.7
89 46.7 33.9 50.9



#82
4-Chlorotoluene
Concen: 51.216 ug/l
RT: 12.990 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VD074231.D
Acq: 24 Aug 2022 19:02

Tgt Ion: 91 Resp: 315027
Ion Ratio Lower Upper
91 100
126 34.5 16.5 49.5

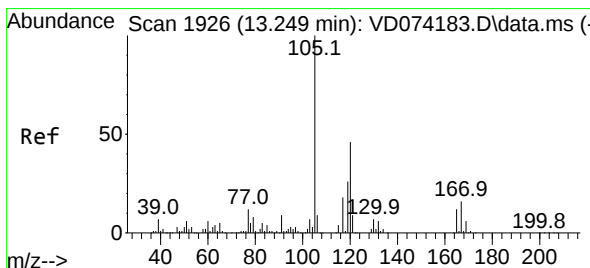
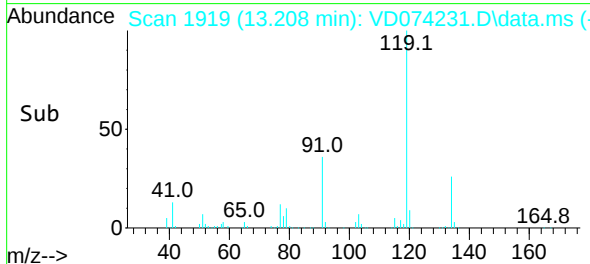
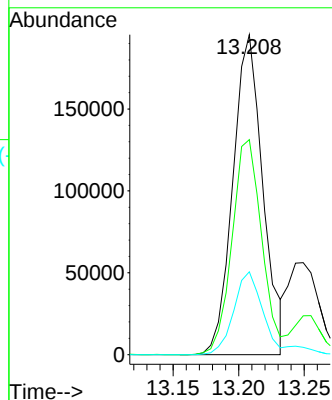
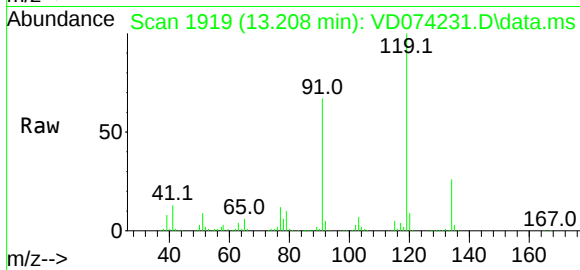




#83
tert-Butylbenzene
Concen: 52.312 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VD074231.D
Acq: 24 Aug 2022 19:02

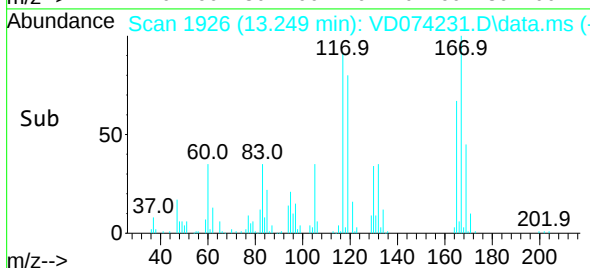
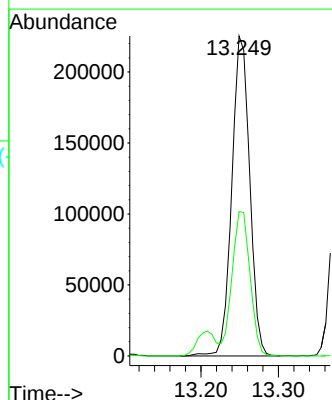
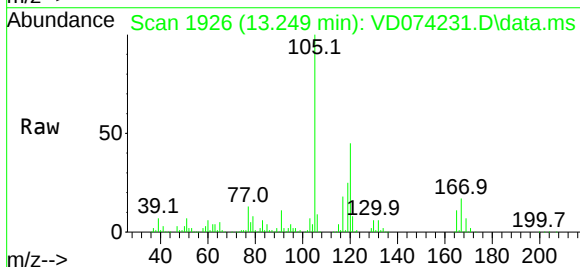
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

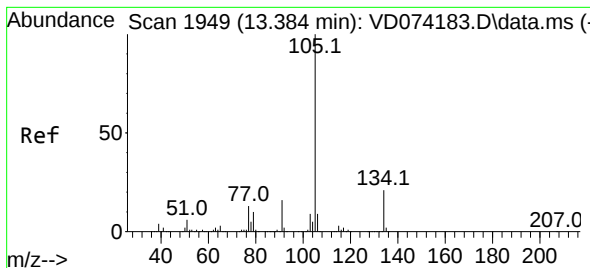
Tgt Ion:119 Resp: 311691
Ion Ratio Lower Upper
119 100
91 66.3 34.8 104.5
134 26.9 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 52.565 ug/l
RT: 13.249 min Scan# 1926
Delta R.T. 0.000 min
Lab File: VD074231.D
Acq: 24 Aug 2022 19:02

Tgt Ion:105 Resp: 361857
Ion Ratio Lower Upper
105 100
120 45.4 22.3 66.8





#85

sec-Butylbenzene

Concen: 52.651 ug/l

RT: 13.385 min Scan# 1949

Delta R.T. 0.001 min

Lab File: VD074231.D

Acq: 24 Aug 2022 19:02

Instrument :

MSVOA_D

ClientSampleId :

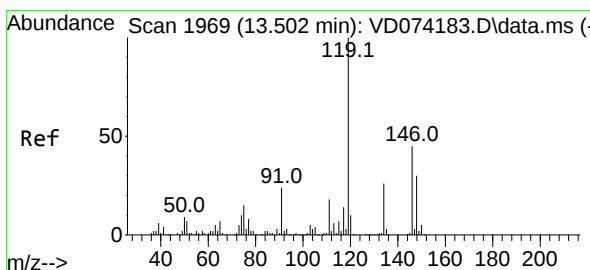
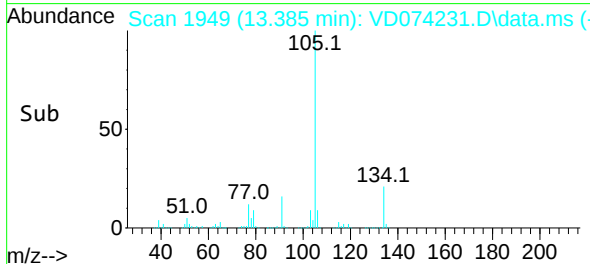
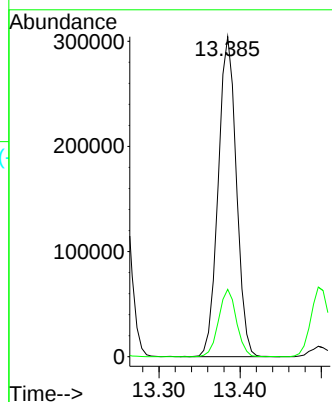
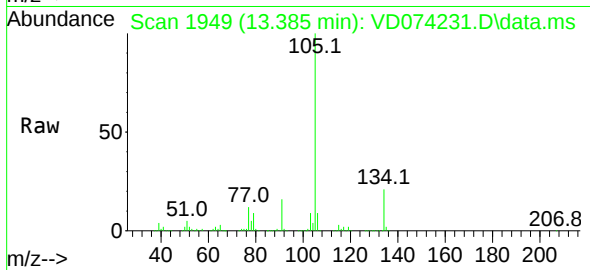
VSTDCCC050EC

Tgt Ion:105 Resp: 474189

Ion Ratio Lower Upper

105 100

134 20.6 9.8 29.3



#86

p-Isopropyltoluene

Concen: 53.149 ug/l

RT: 13.496 min Scan# 1968

Delta R.T. -0.006 min

Lab File: VD074231.D

Acq: 24 Aug 2022 19:02

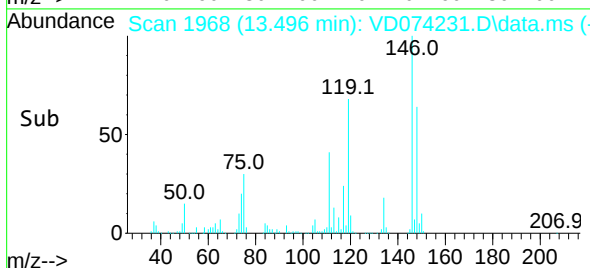
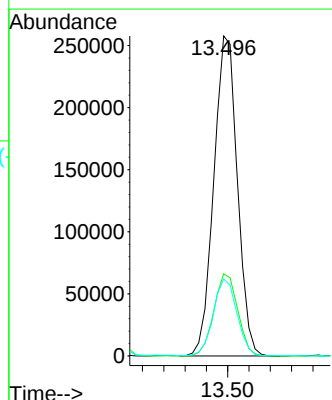
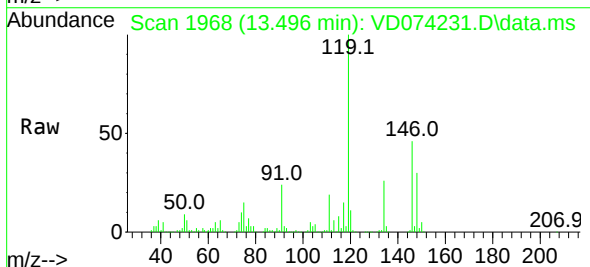
Tgt Ion:119 Resp: 394963

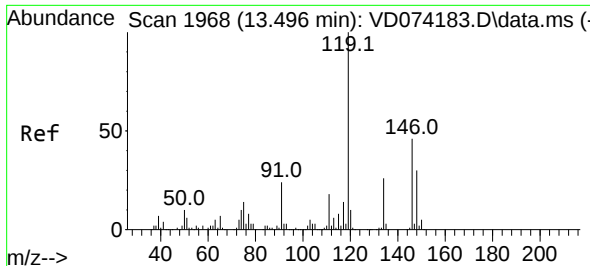
Ion Ratio Lower Upper

119 100

134 26.1 12.9 38.6

91 24.0 12.1 36.3

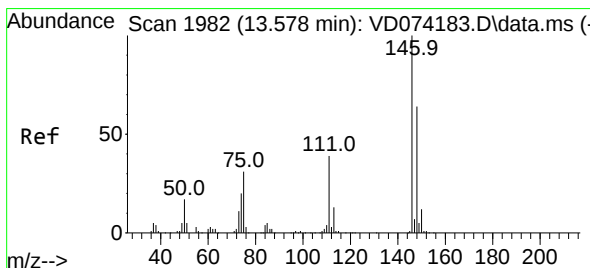
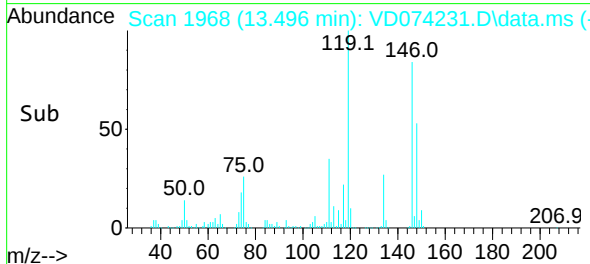
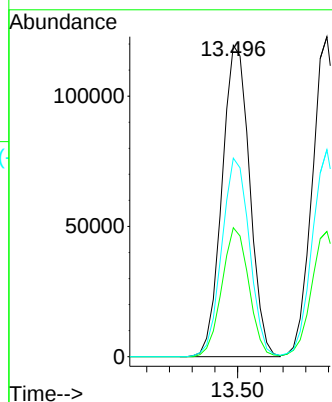
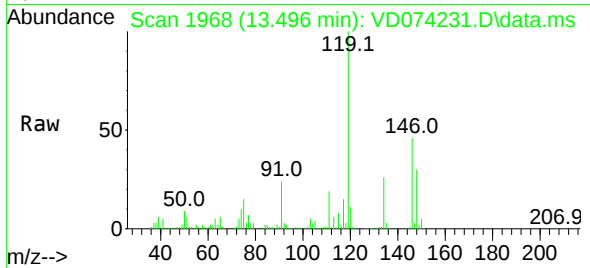




#87
1,3-Dichlorobenzene
Concen: 51.131 ug/l
RT: 13.496 min Scan# 1968
Delta R.T. 0.000 min
Lab File: VD074231.D
Acq: 24 Aug 2022 19:02

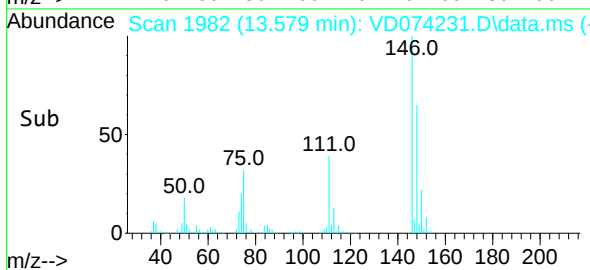
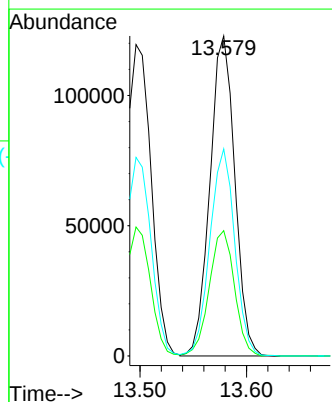
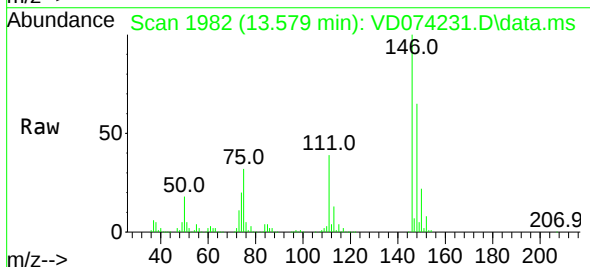
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

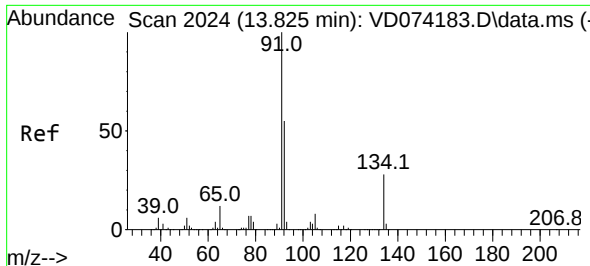
Tgt Ion:146 Resp: 201752
Ion Ratio Lower Upper
146 100
111 40.4 20.4 61.3
148 63.9 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 50.183 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. 0.001 min
Lab File: VD074231.D
Acq: 24 Aug 2022 19:02

Tgt Ion:146 Resp: 199495
Ion Ratio Lower Upper
146 100
111 39.7 20.3 60.9
148 64.6 31.7 95.1





#89

n-Butylbenzene

Concen: 52.596 ug/l

RT: 13.826 min Scan# 2024

Delta R.T. 0.001 min

Lab File: VD074231.D

Acq: 24 Aug 2022 19:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

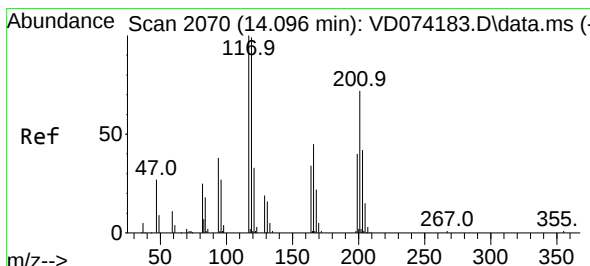
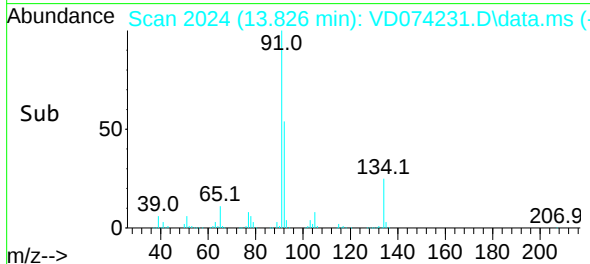
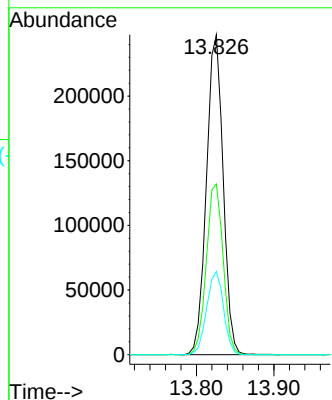
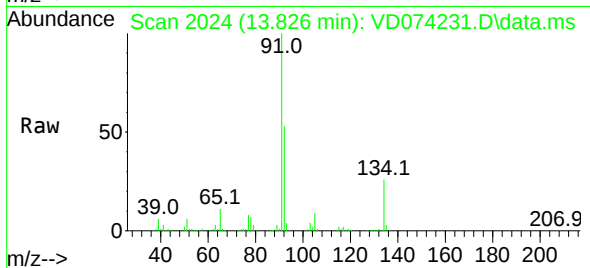
Tgt Ion: 91 Resp: 370451

Ion Ratio Lower Upper

91 100

92 53.7 26.6 79.8

134 26.2 12.3 36.9



#90

Hexachloroethane

Concen: 49.875 ug/l

RT: 14.090 min Scan# 2069

Delta R.T. -0.006 min

Lab File: VD074231.D

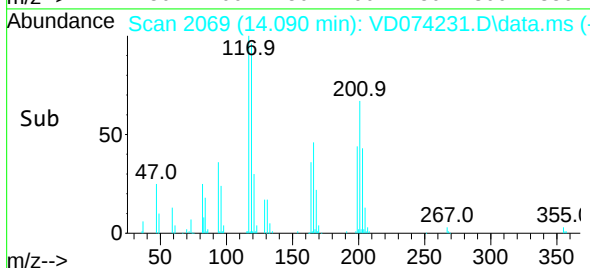
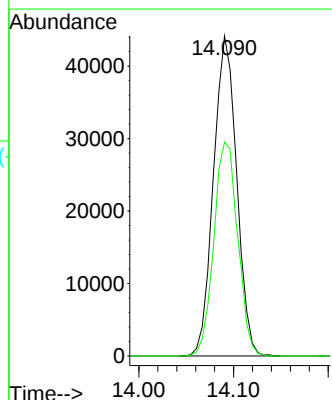
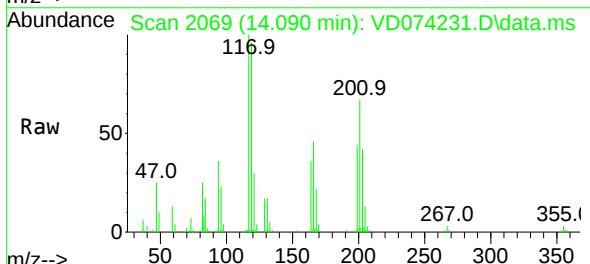
Acq: 24 Aug 2022 19:02

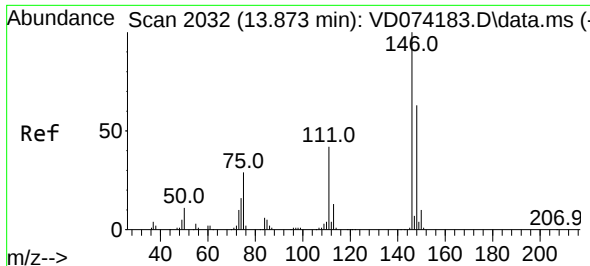
Tgt Ion: 117 Resp: 75192

Ion Ratio Lower Upper

117 100

201 68.8 33.4 100.2

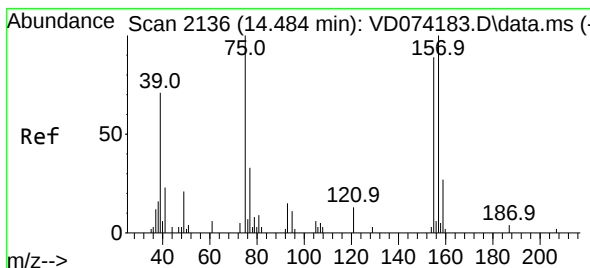
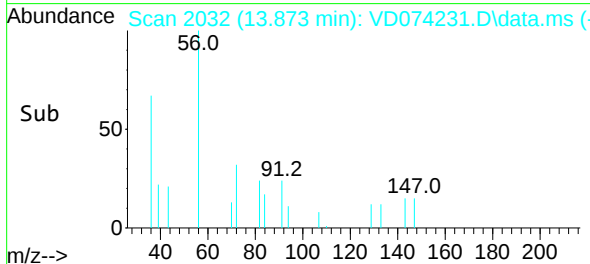
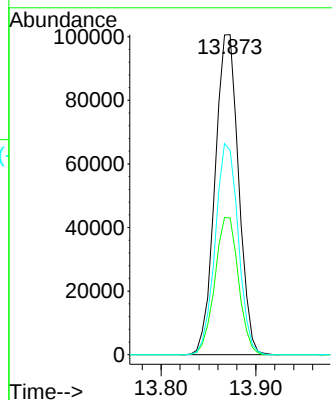
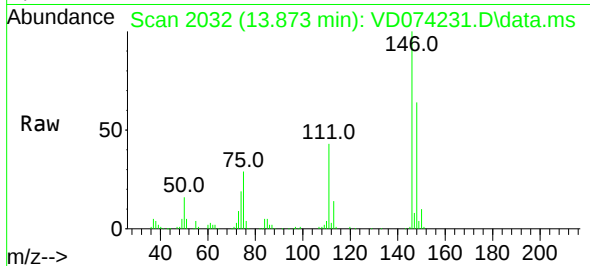




#91
1,2-Dichlorobenzene
Concen: 50.748 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD074231.D
Acq: 24 Aug 2022 19:02

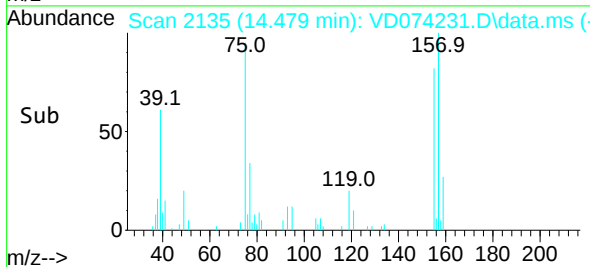
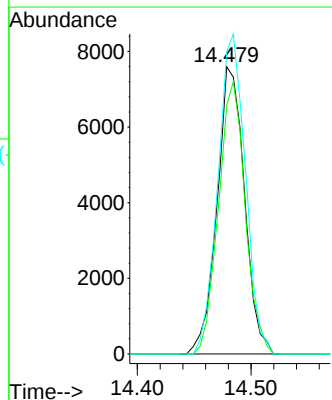
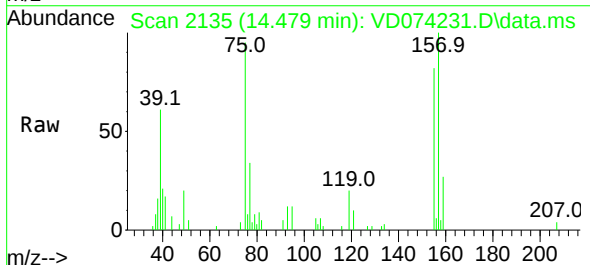
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

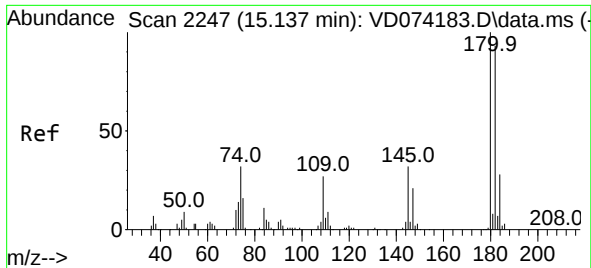
Tgt Ion:146 Resp: 174109
Ion Ratio Lower Upper
146 100
111 43.0 21.1 63.3
148 64.5 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 52.951 ug/l
RT: 14.479 min Scan# 2135
Delta R.T. -0.005 min
Lab File: VD074231.D
Acq: 24 Aug 2022 19:02

Tgt Ion: 75 Resp: 12747
Ion Ratio Lower Upper
75 100
155 92.1 36.8 110.3
157 111.5 48.4 145.0

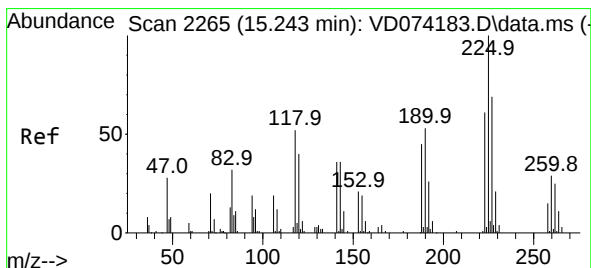
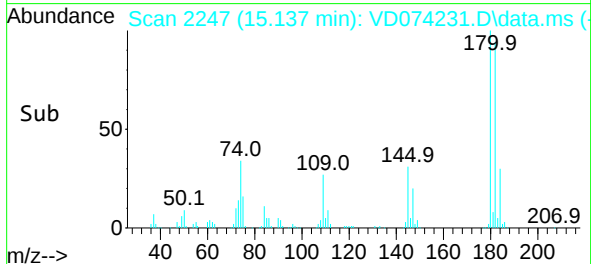
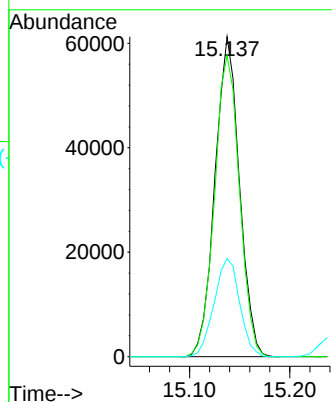
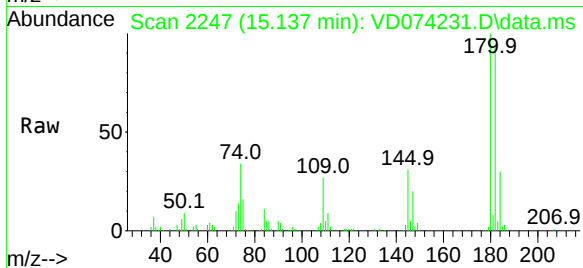




#93
 1,2,4-Trichlorobenzene
 Concen: 49.591 ug/l
 RT: 15.137 min Scan# 2247
 Delta R.T. 0.000 min
 Lab File: VD074231.D
 Acq: 24 Aug 2022 19:02

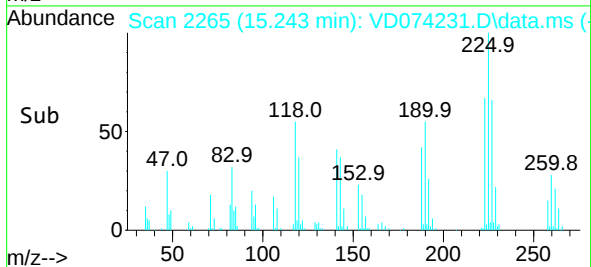
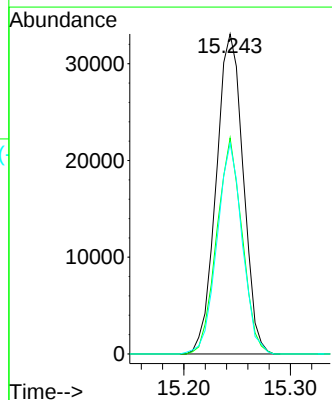
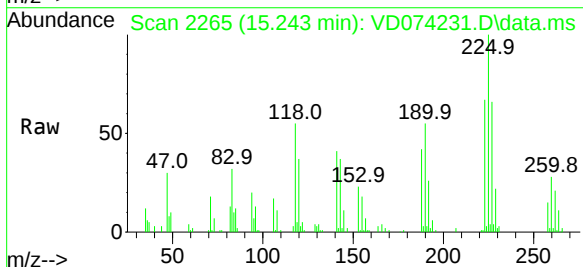
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

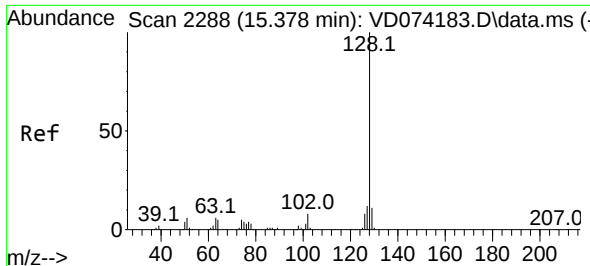
Tgt Ion:180 Resp: 103838
 Ion Ratio Lower Upper
 180 100
 182 95.5 47.3 142.0
 145 32.0 16.2 48.5



#94
 Hexachlorobutadiene
 Concen: 49.443 ug/l
 RT: 15.243 min Scan# 2265
 Delta R.T. 0.000 min
 Lab File: VD074231.D
 Acq: 24 Aug 2022 19:02

Tgt Ion:225 Resp: 58100
 Ion Ratio Lower Upper
 225 100
 223 63.5 31.1 93.2
 227 61.4 32.4 97.0

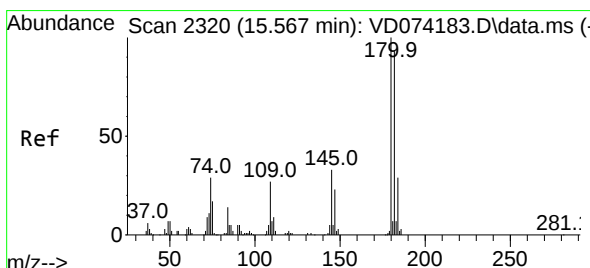
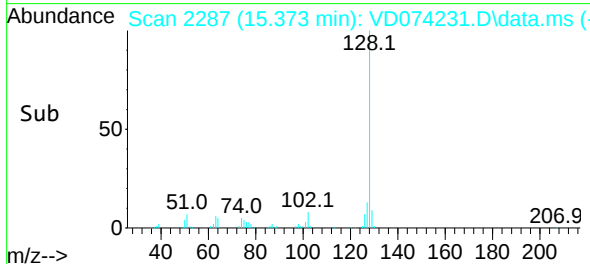
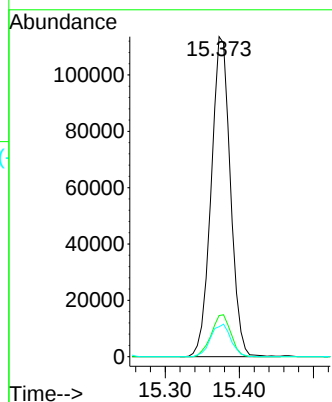
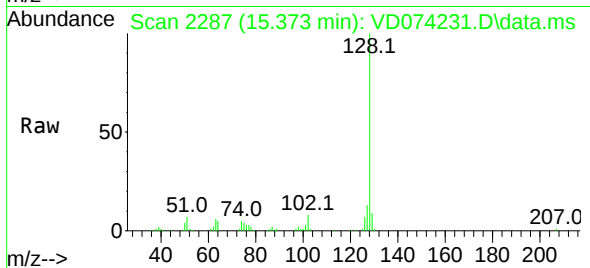




#95
Naphthalene
Concen: 48.353 ug/l
RT: 15.373 min Scan# 21
Delta R.T. -0.005 min
Lab File: VD074231.D
Acq: 24 Aug 2022 19:02

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 204477
Ion Ratio Lower Upper
128 100
127 13.4 10.3 15.5
129 10.7 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 50.471 ug/l
RT: 15.567 min Scan# 2320
Delta R.T. -0.000 min
Lab File: VD074231.D
Acq: 24 Aug 2022 19:02

Tgt Ion:180 Resp: 92166
Ion Ratio Lower Upper
180 100
182 94.1 47.6 142.9
145 36.2 17.1 51.3

