

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082322\
 Data File : VD074194.D
 Acq On : 23 Aug 2022 19:44
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 24 05:55:58 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	158021	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	253967	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	239387	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	122090	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	75806	46.946	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.900%
35) Dibromofluoromethane	7.902	113	81557	48.010	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.020%
50) Toluene-d8	10.332	98	254973	46.636	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.280%
62) 4-Bromofluorobenzene	12.614	95	107672	49.851	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.700%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	64570	48.694	ug/l	94
3) Chloromethane	2.209	50	49965	52.885	ug/l	95
4) Vinyl Chloride	2.344	62	52454	52.887	ug/l	100
5) Bromomethane	2.762	94	31383	48.995	ug/l	98
6) Chloroethane	2.915	64	34459	53.537	ug/l	98
7) Trichlorofluoromethane	3.262	101	150295	52.161	ug/l	96
8) Diethyl Ether	3.709	74	42787	55.260	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.091	101	91293	52.365	ug/l	97
10) Methyl Iodide	4.291	142	110747	52.407	ug/l	99
11) Tert butyl alcohol	5.232	59	27392	272.413	ug/l #	91
12) 1,1-Dichloroethene	4.062	96	83059	53.271	ug/l	91
13) Acrolein	3.920	56	9451	234.681	ug/l	99
14) Allyl chloride	4.703	41	133115	54.534	ug/l #	93
15) Acrylonitrile	5.414	53	102410	284.459	ug/l	99
16) Acetone	4.156	43	78385	254.797	ug/l	95
17) Carbon Disulfide	4.403	76	269323	53.411	ug/l	97
18) Methyl Acetate	4.720	43	50198	55.414	ug/l	92
19) Methyl tert-butyl Ether	5.479	73	210112	56.272	ug/l	99
20) Methylene Chloride	4.956	84	109157	56.233	ug/l	87
21) trans-1,2-Dichloroethene	5.467	96	101430	55.635	ug/l	91
22) Diisopropyl ether	6.361	45	281567	56.245	ug/l #	92
23) Vinyl Acetate	6.297	43	773476	273.009	ug/l #	95
24) 1,1-Dichloroethane	6.261	63	176732	53.549	ug/l	99
25) 2-Butanone	7.208	43	129421	271.752	ug/l	93
26) 2,2-Dichloropropane	7.197	77	141069	47.438	ug/l	97
27) cis-1,2-Dichloroethene	7.203	96	109322	53.360	ug/l	92
28) Bromochloromethane	7.538	49	53799	53.928	ug/l #	79
29) Tetrahydrofuran	7.555	42	84402	293.662	ug/l	91
30) Chloroform	7.703	83	186845	53.695	ug/l	99
31) Cyclohexane	7.979	56	152520	53.066	ug/l	87
32) 1,1,1-Trichloroethane	7.897	97	170943	53.012	ug/l	97
36) 1,1-Dichloropropene	8.102	75	140848	54.857	ug/l	95
37) Ethyl Acetate	7.291	43	57869	57.165	ug/l #	96
38) Carbon Tetrachloride	8.091	117	147313	53.411	ug/l	98
39) Methylcyclohexane	9.344	83	165498	50.980	ug/l	95
40) Benzene	8.344	78	398920	55.119	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.508	41	34777	57.150	ug/l #	92
42) 1,2-Dichloroethane	8.414	62	117322	54.994	ug/l	98
43) Isopropyl Acetate	8.444	43	115564	56.752	ug/l #	93
44) Trichloroethene	9.102	130	111100	52.949	ug/l	91
45) 1,2-Dichloropropane	9.379	63	98551	54.550	ug/l	95
46) Dibromomethane	9.461	93	56729	56.284	ug/l	94
47) Bromodichloromethane	9.649	83	141366	53.925	ug/l #	98
48) Methyl methacrylate	9.449	41	55370	58.818	ug/l #	89
49) 1,4-Dioxane	9.449	88	13468	1177.605	ug/l	92
51) 4-Methyl-2-Pentanone	10.214	43	307129	301.899	ug/l	94
52) Toluene	10.391	92	262883	55.256	ug/l	96
53) t-1,3-Dichloropropene	10.608	75	131953	55.504	ug/l	100
54) cis-1,3-Dichloropropene	10.079	75	154864	54.940	ug/l	91
55) 1,1,2-Trichloroethane	10.791	97	74377	53.956	ug/l	99
56) Ethyl methacrylate	10.649	69	92785	58.921	ug/l	87
57) 1,3-Dichloropropane	10.932	76	128754	55.894	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.932	63	117146	245.757	ug/l	93
59) 2-Hexanone	10.973	43	207481	302.486	ug/l	95
60) Dibromochloromethane	11.126	129	98552	55.051	ug/l	99
61) 1,2-Dibromoethane	11.238	107	75999	56.521	ug/l	98
64) Tetrachloroethene	10.867	164	92442	52.918	ug/l	99
65) Chlorobenzene	11.661	112	276024	52.906	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.726	131	102058	52.032	ug/l	98
67) Ethyl Benzene	11.732	91	486071	54.438	ug/l	99
68) m/p-Xylenes	11.838	106	392772	110.441	ug/l	97
69) o-Xylene	12.167	106	180204	54.915	ug/l	94
70) Styrene	12.179	104	315973	56.162	ug/l	97
71) Bromoform	12.343	173	57710	54.099	ug/l #	99
73) Isopropylbenzene	12.467	105	474048	53.624	ug/l	99
74) N-amyl acetate	12.273	43	109512	56.948	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.714	83	85039	53.861	ug/l	99
76) 1,2,3-Trichloropropane	12.767	75	107190	89.916	ug/l #	100
77) Bromobenzene	12.743	156	109638	52.348	ug/l	91
78) n-propylbenzene	12.802	91	585588	54.163	ug/l	97
79) 2-Chlorotoluene	12.890	91	337252	54.021	ug/l	97
80) 1,3,5-Trimethylbenzene	12.943	105	406684	53.549	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	25441	54.882	ug/l	88
82) 4-Chlorotoluene	12.990	91	353074	53.461	ug/l	99
83) tert-Butylbenzene	13.208	119	344288	53.817	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	404675	54.750	ug/l	100
85) sec-Butylbenzene	13.385	105	515723	53.332	ug/l	97
86) p-Isopropyltoluene	13.496	119	429617	53.844	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	221102	52.188	ug/l	100
88) 1,4-Dichlorobenzene	13.579	146	219285	51.375	ug/l	99
89) n-Butylbenzene	13.826	91	402642	53.243	ug/l	99
90) Hexachloroethane	14.090	117	79705	49.239	ug/l	96
91) 1,2-Dichlorobenzene	13.873	146	193940	52.648	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.485	75	13456	52.060	ug/l	81
93) 1,2,4-Trichlorobenzene	15.137	180	112596	50.083	ug/l	99
94) Hexachlorobutadiene	15.243	225	61443	48.699	ug/l	99
95) Naphthalene	15.379	128	222527	48.963	ug/l	99
96) 1,2,3-Trichlorobenzene	15.567	180	100189	51.098	ug/l	100

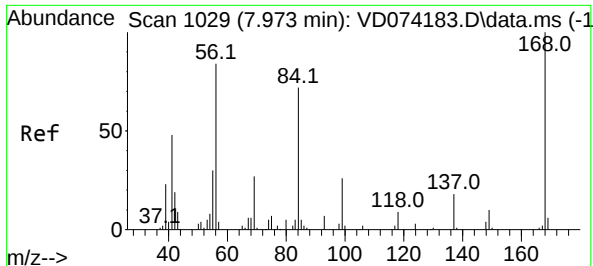
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082322\
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Quant Title : SW846 8260
QLast Update : Tue Aug 23 13:12:17 2022
Response via : Initial Calibration

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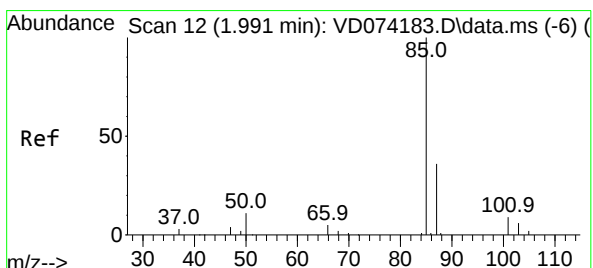
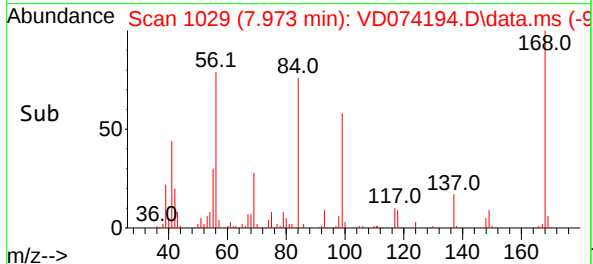
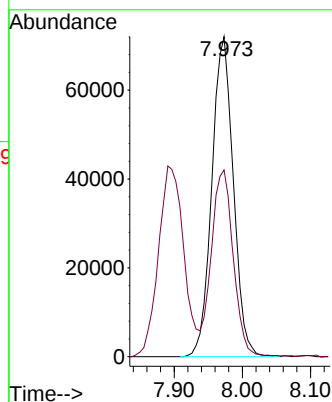
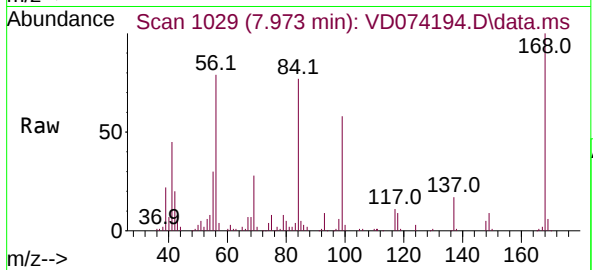
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD074194.D
Acq: 23 Aug 2022 19:44

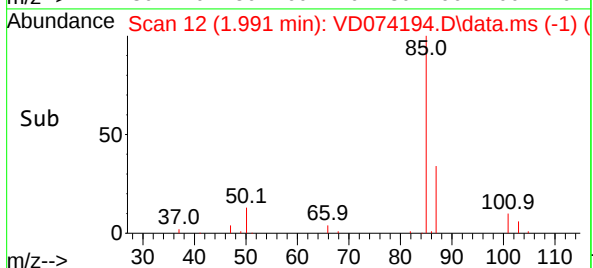
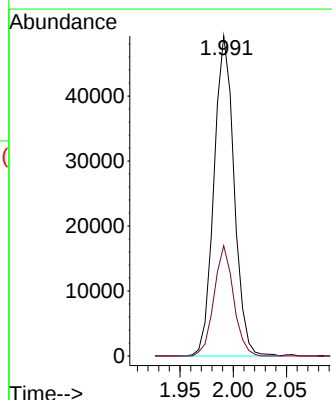
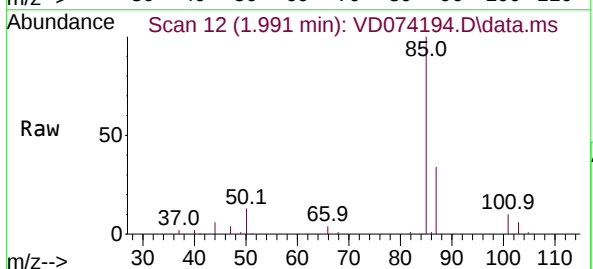
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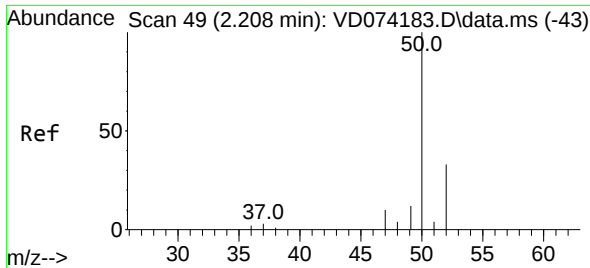
Tgt Ion:168 Resp: 158021
Ion Ratio Lower Upper
168 100
99 58.1 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 48.694 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD074194.D
Acq: 23 Aug 2022 19:44

Tgt Ion: 85 Resp: 64570
Ion Ratio Lower Upper
85 100
87 34.4 15.7 47.0

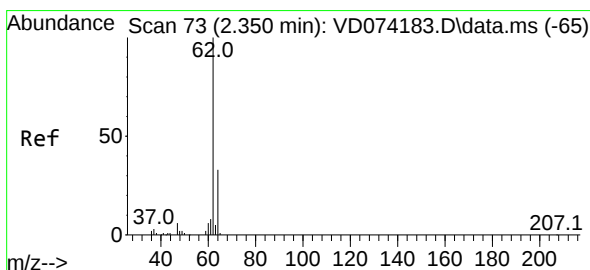
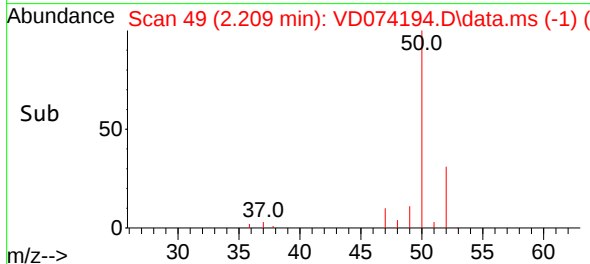
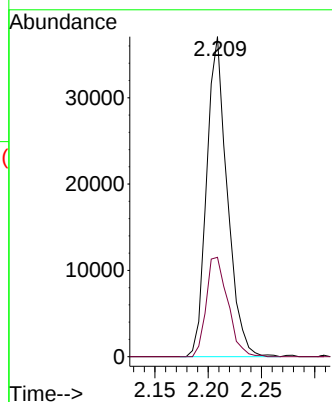
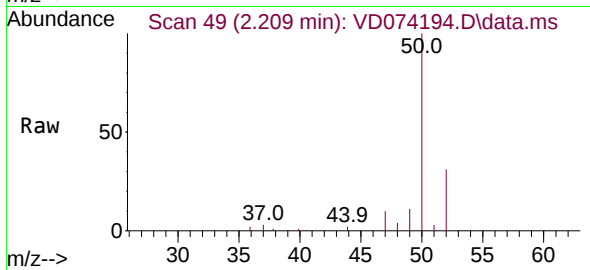




#3
Chloromethane
Concen: 52.885 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.001 min
Lab File: VD074194.D
Acq: 23 Aug 2022 19:44

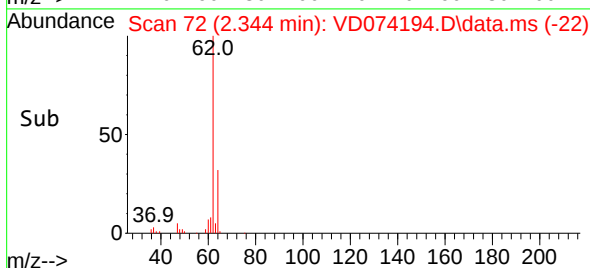
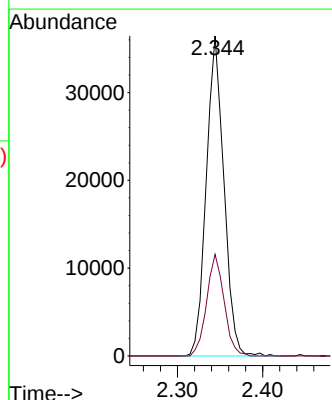
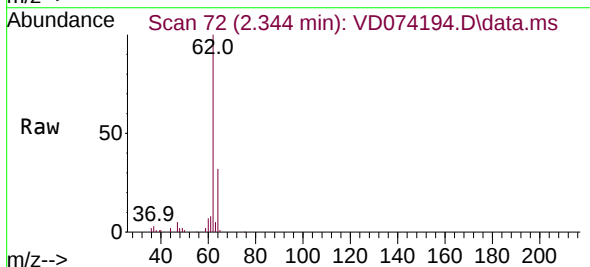
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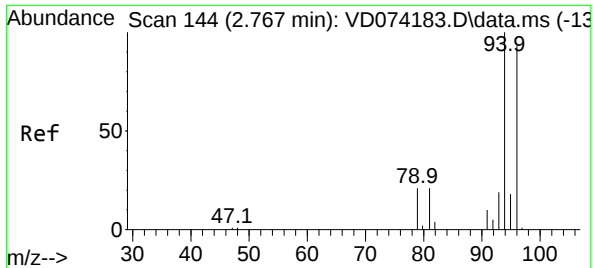
Tgt Ion: 50 Resp: 49965
Ion Ratio Lower Upper
50 100
52 31.1 27.4 41.0



#4
Vinyl Chloride
Concen: 52.887 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.006 min
Lab File: VD074194.D
Acq: 23 Aug 2022 19:44

Tgt Ion: 62 Resp: 52454
Ion Ratio Lower Upper
62 100
64 31.7 25.4 38.0

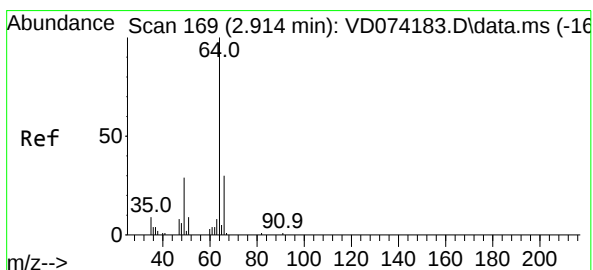
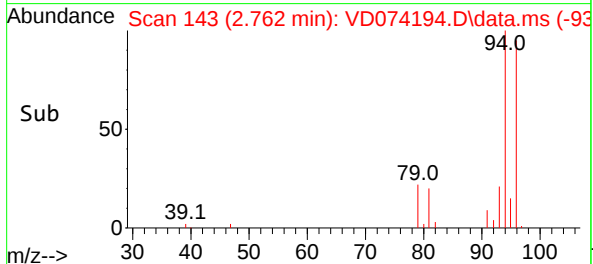
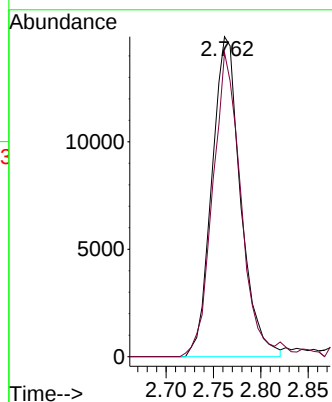
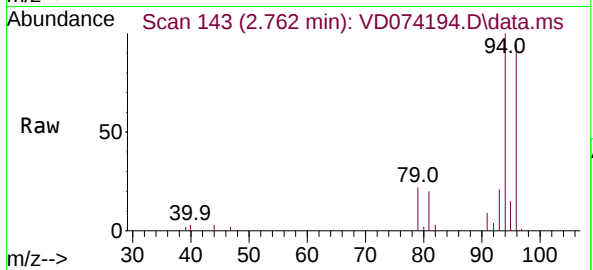




#5
Bromomethane
Concen: 48.995 ug/l
RT: 2.762 min Scan# 144
Delta R.T. -0.005 min
Lab File: VD074194.D
Acq: 23 Aug 2022 19:44

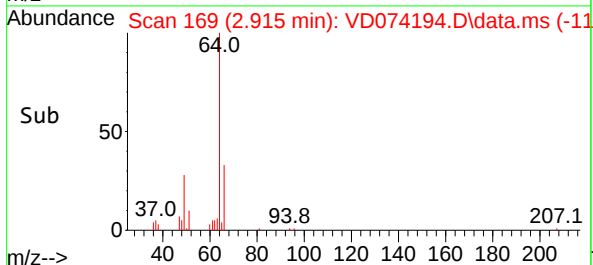
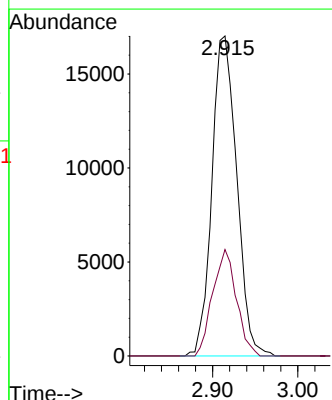
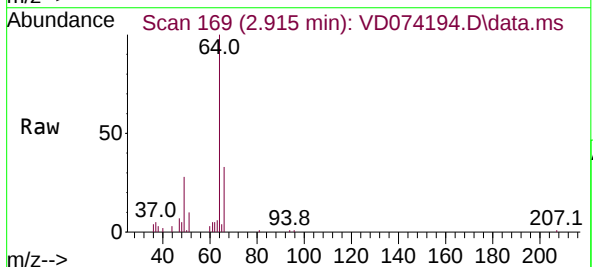
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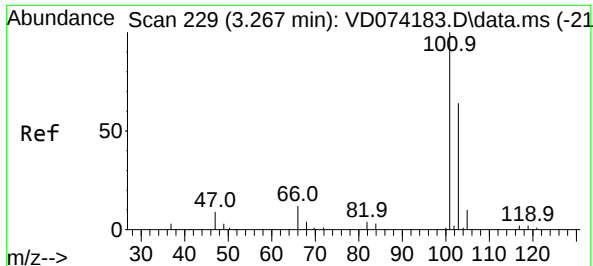
Tgt Ion: 94 Resp: 31383
Ion Ratio Lower Upper
94 100
96 95.0 77.6 116.4



#6
Chloroethane
Concen: 53.537 ug/l
RT: 2.915 min Scan# 169
Delta R.T. 0.001 min
Lab File: VD074194.D
Acq: 23 Aug 2022 19:44

Tgt Ion: 64 Resp: 34459
Ion Ratio Lower Upper
64 100
66 33.3 25.9 38.9

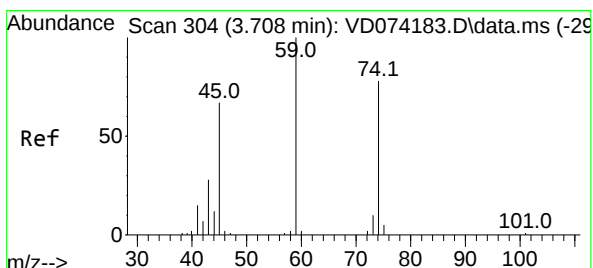
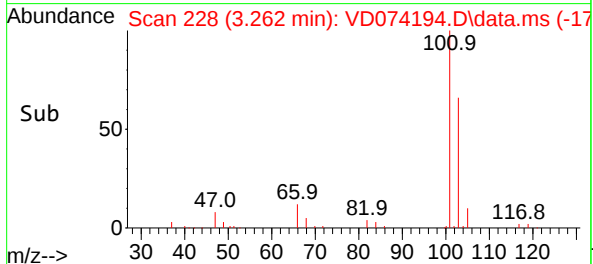
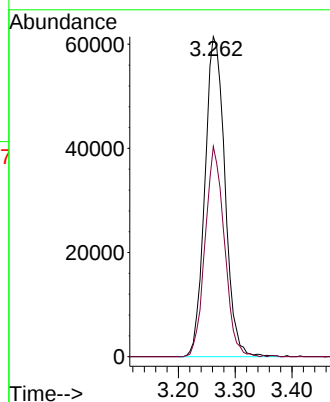
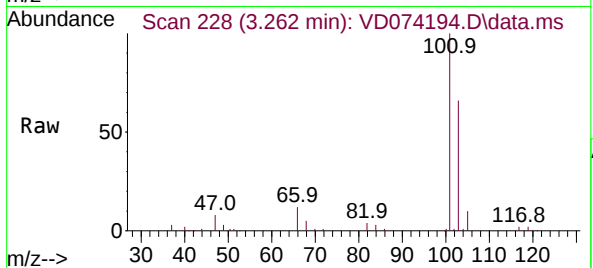




#7
Trichlorofluoromethane
Concen: 52.161 ug/l
RT: 3.262 min Scan# 21
Delta R.T. -0.005 min
Lab File: VD074194.D
Acq: 23 Aug 2022 19:44

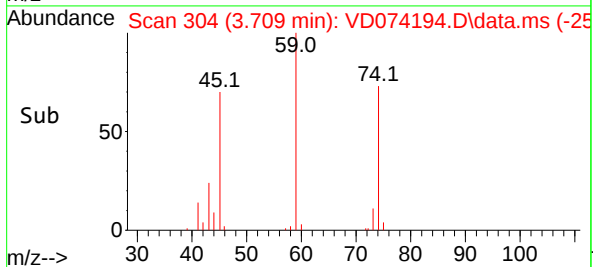
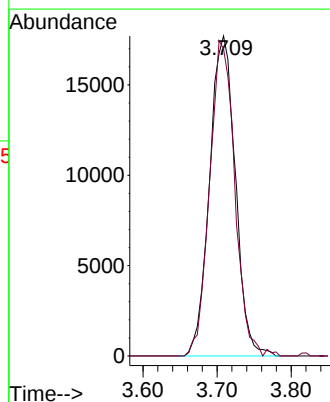
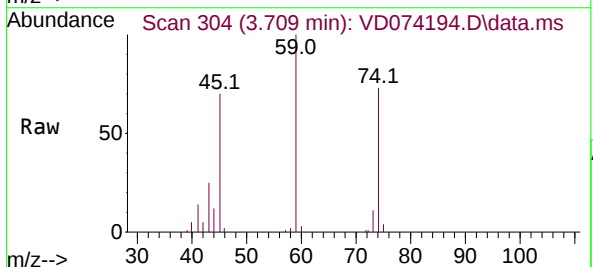
Instrument :
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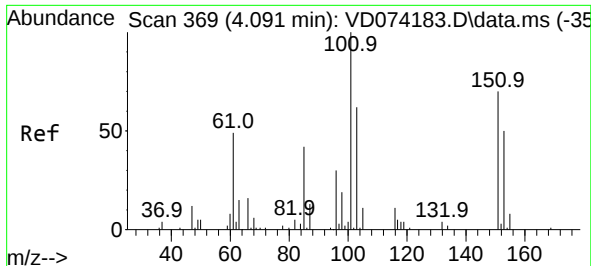
Tgt Ion:101 Resp: 150295
Ion Ratio Lower Upper
101 100
103 65.7 50.1 75.1



#8
Diethyl Ether
Concen: 55.260 ug/l
RT: 3.709 min Scan# 304
Delta R.T. 0.001 min
Lab File: VD074194.D
Acq: 23 Aug 2022 19:44

Tgt Ion: 74 Resp: 42787
Ion Ratio Lower Upper
74 100
45 95.6 52.6 157.8

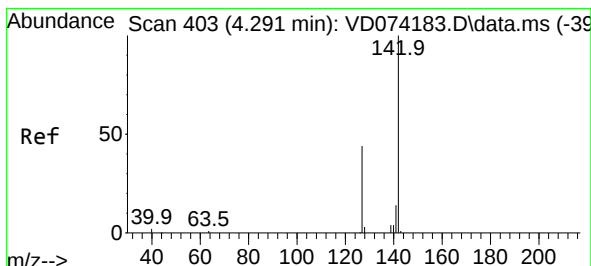
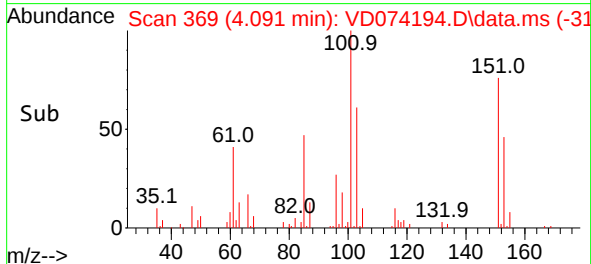
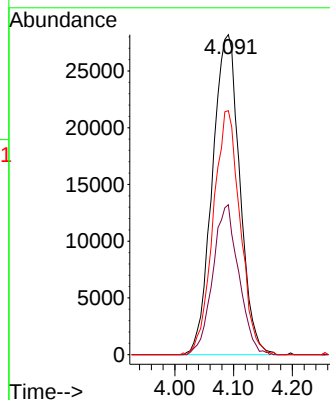
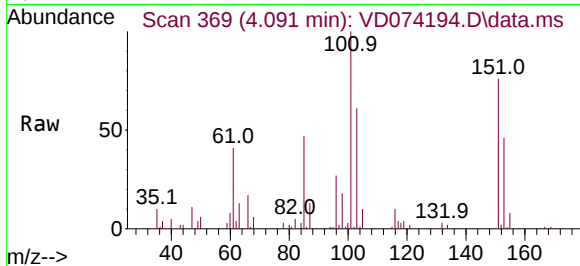




#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.365 ug/l
RT: 4.091 min Scan# 369
Delta R.T. -0.000 min
Lab File: VD074194.D
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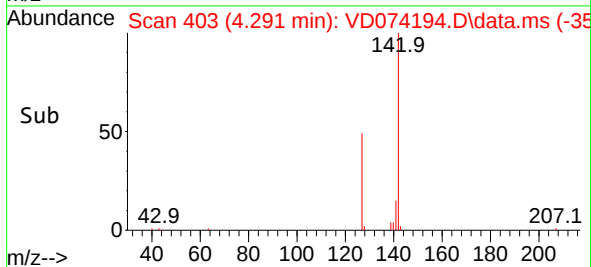
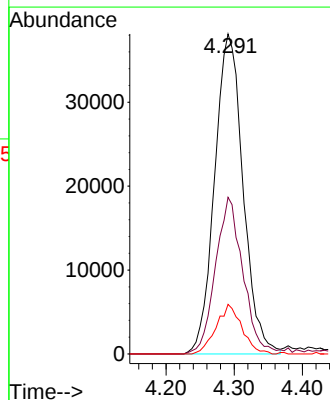
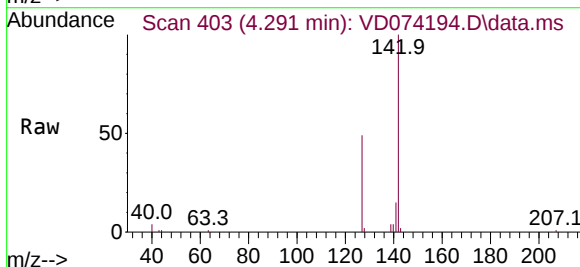
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

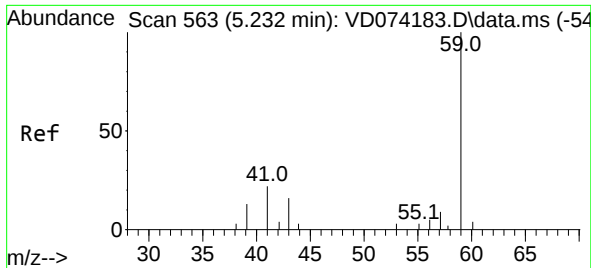
Tgt Ion:101 Resp: 91293
Ion Ratio Lower Upper
101 100
85 44.4 36.4 54.6
151 75.0 57.3 85.9



#10
Methyl Iodide
Concen: 52.407 ug/l
RT: 4.291 min Scan# 403
Delta R.T. -0.000 min
Lab File: VD074194.D
Acq: 23 Aug 2022 19:44

Tgt Ion:142 Resp: 110747
Ion Ratio Lower Upper
142 100
127 47.2 37.3 55.9
141 14.0 11.7 17.5

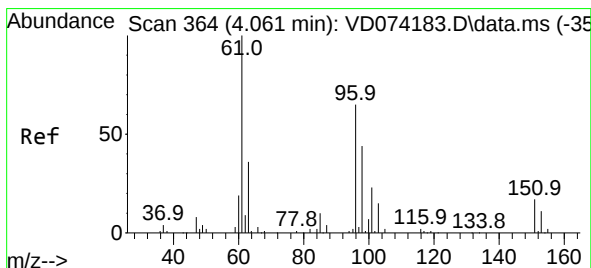
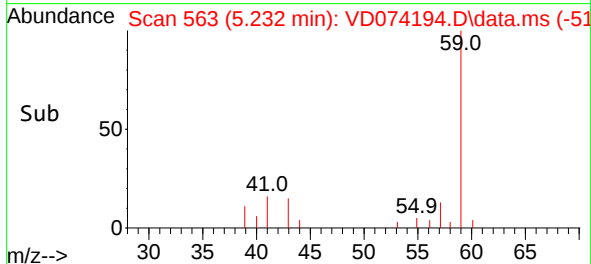
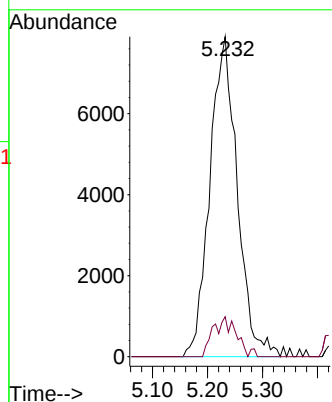
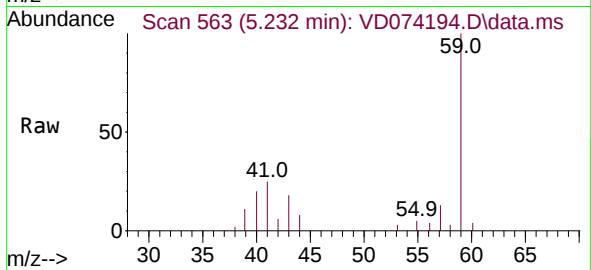




#11
Tert butyl alcohol
Concen: 272.413 ug/l
RT: 5.232 min Scan# 563
Delta R.T. 0.000 min
Lab File: VD074194.D
Acq: 23 Aug 2022 19:44

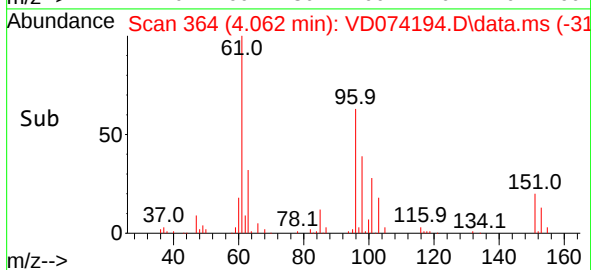
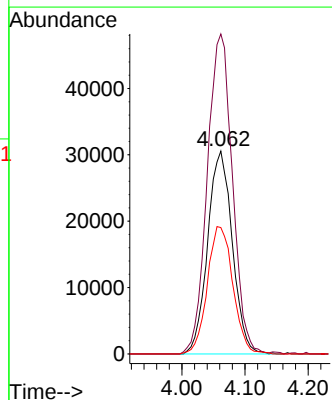
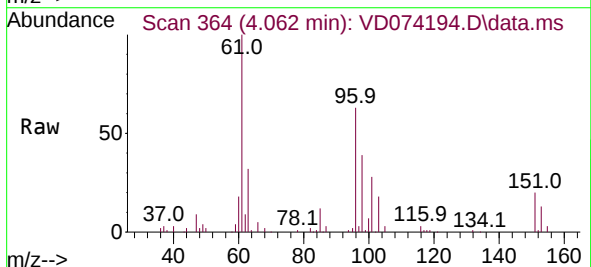
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

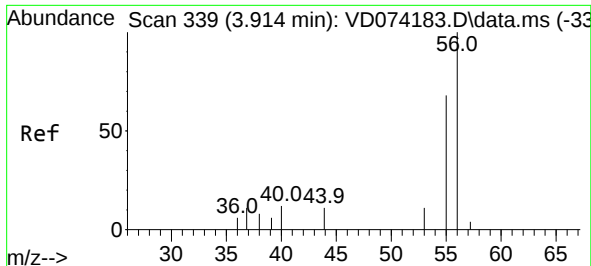
Tgt Ion: 59 Resp: 27392
Ion Ratio Lower Upper
59 100
57 6.5 7.8 11.6#



#12
1,1-Dichloroethene
Concen: 53.271 ug/l
RT: 4.062 min Scan# 364
Delta R.T. 0.001 min
Lab File: VD074194.D
Acq: 23 Aug 2022 19:44

Tgt Ion: 96 Resp: 83059
Ion Ratio Lower Upper
96 100
61 157.7 138.5 207.7
98 62.3 48.6 73.0

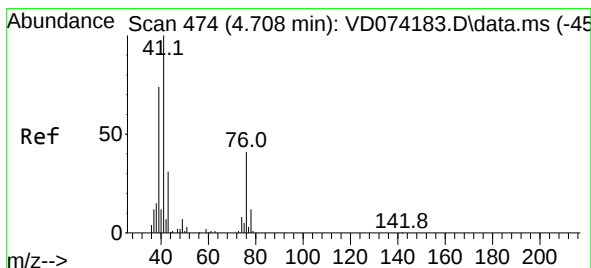
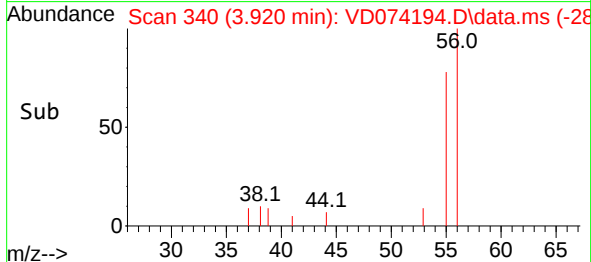
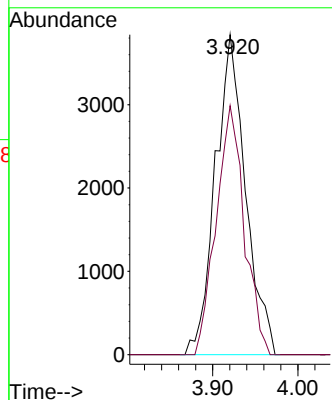
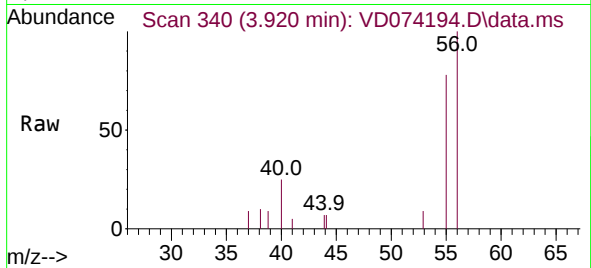




#13
Acrolein
Concen: 234.681 ug/l
RT: 3.920 min Scan# 34
Delta R.T. 0.006 min
Lab File: VD074194.D
Acq: 23 Aug 2022 19:44

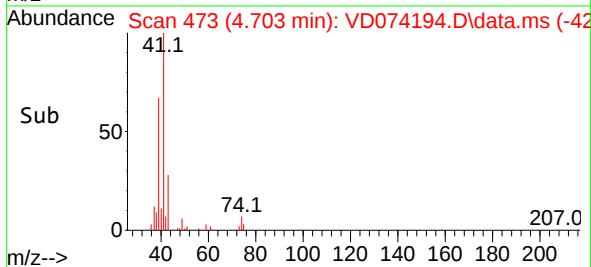
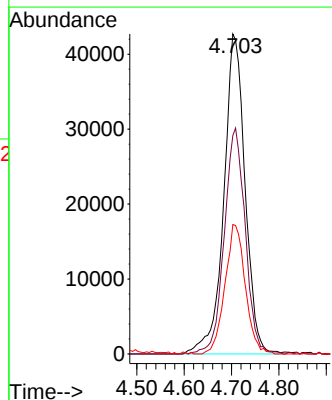
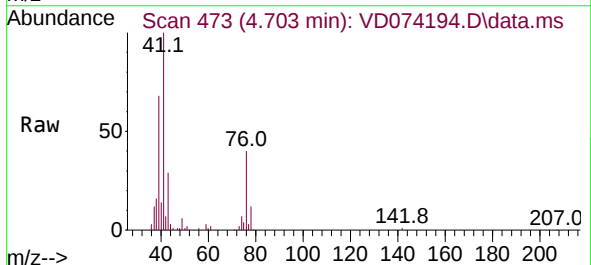
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

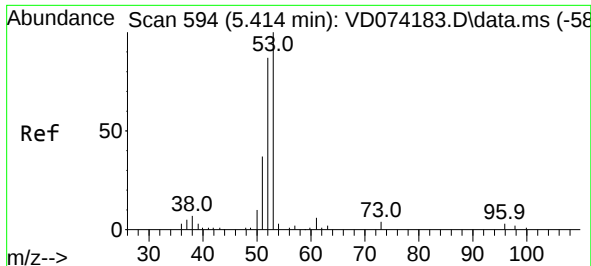
Tgt Ion: 56 Resp: 9451
Ion Ratio Lower Upper
56 100
55 72.4 57.1 85.7



#14
Allyl chloride
Concen: 54.534 ug/l
RT: 4.703 min Scan# 473
Delta R.T. -0.005 min
Lab File: VD074194.D
Acq: 23 Aug 2022 19:44

Tgt Ion: 41 Resp: 133115
Ion Ratio Lower Upper
41 100
39 69.8 59.3 88.9
76 38.7 25.7 38.5#

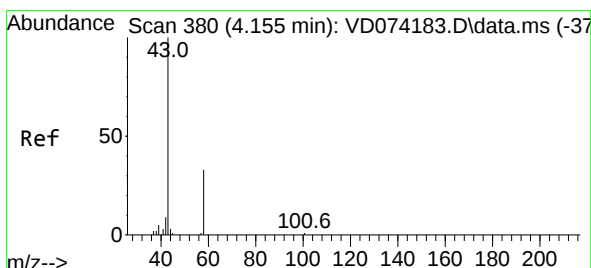
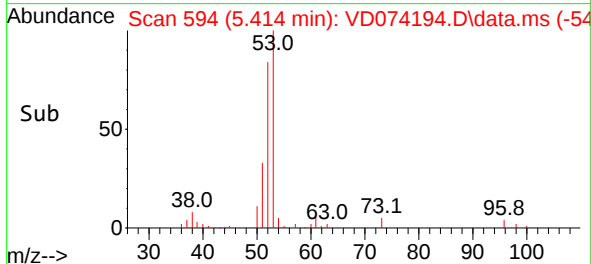
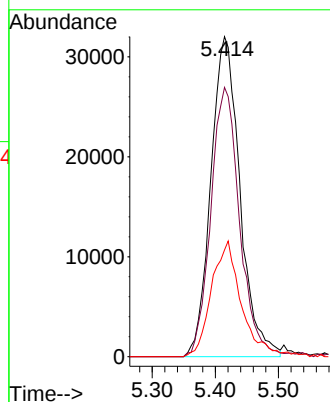
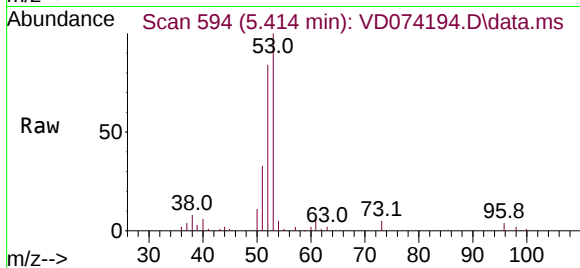




#15
Acrylonitrile
Concen: 284.459 ug/l
RT: 5.414 min Scan# 594
Delta R.T. 0.000 min
Lab File: VD074194.D
Acq: 23 Aug 2022 19:44

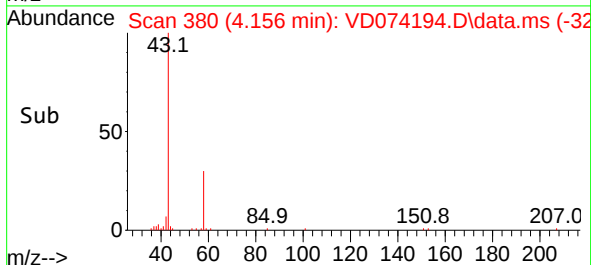
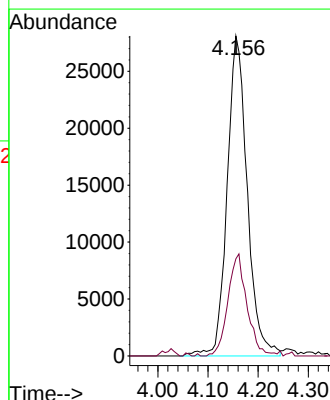
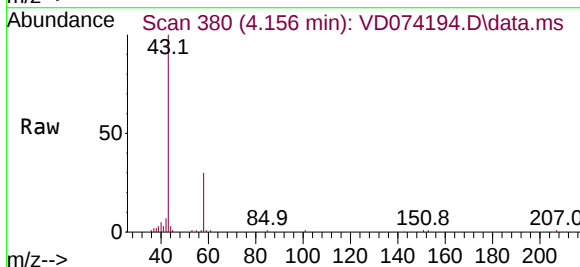
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

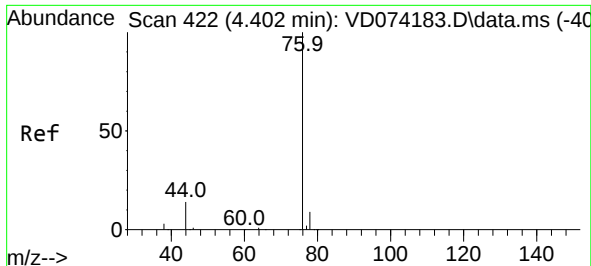
Tgt Ion: 53 Resp: 102410
Ion Ratio Lower Upper
53 100
52 83.4 67.2 100.8
51 37.5 30.3 45.5



#16
Acetone
Concen: 254.797 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.001 min
Lab File: VD074194.D
Acq: 23 Aug 2022 19:44

Tgt Ion: 43 Resp: 78385
Ion Ratio Lower Upper
43 100
58 30.3 22.1 33.1

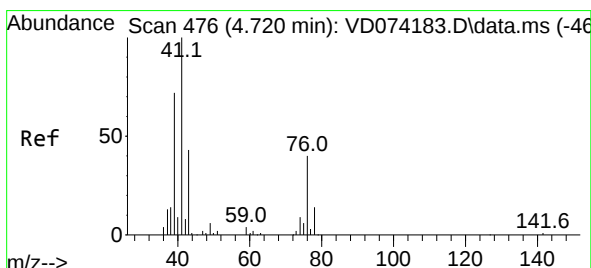
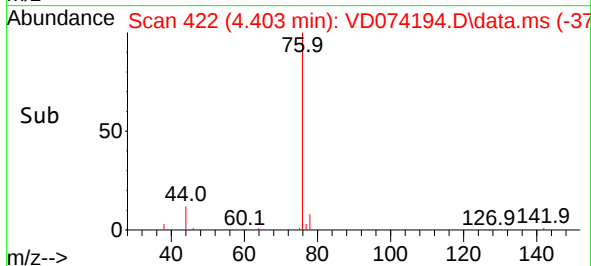
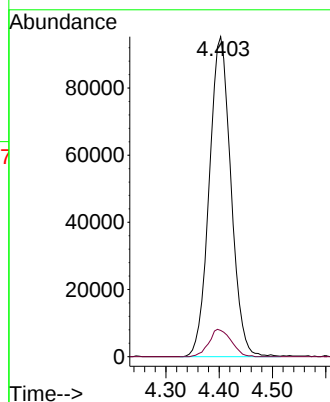
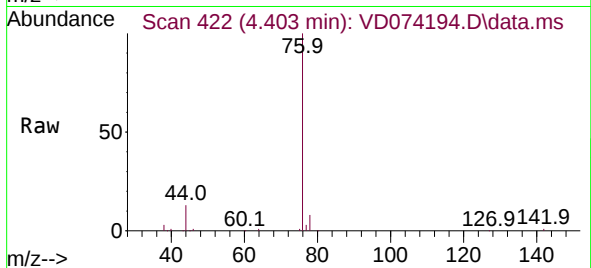




#17
Carbon Disulfide
Concen: 53.411 ug/l
RT: 4.403 min Scan# 41
Delta R.T. 0.001 min
Lab File: VD074194.D
Acq: 23 Aug 2022 19:44

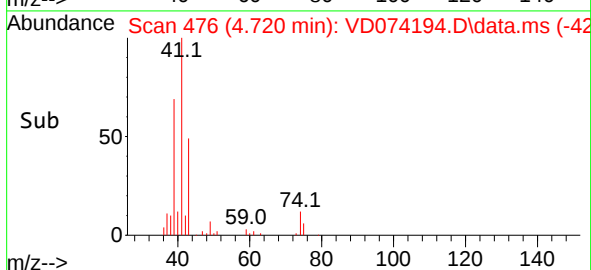
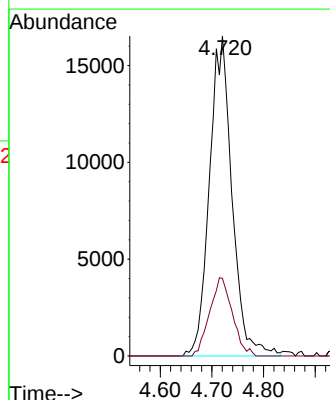
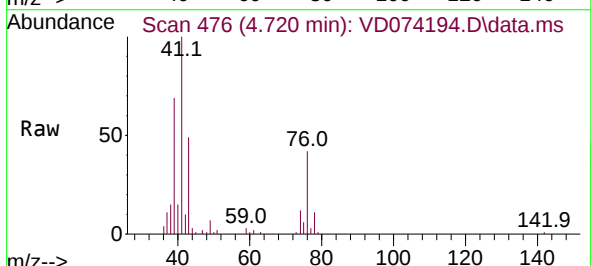
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

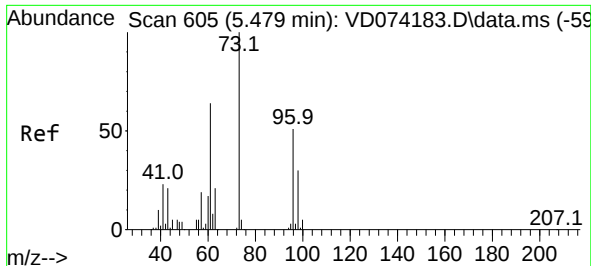
Tgt Ion: 76 Resp: 269323
Ion Ratio Lower Upper
76 100
78 8.2 7.5 11.3



#18
Methyl Acetate
Concen: 55.414 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.000 min
Lab File: VD074194.D
Acq: 23 Aug 2022 19:44

Tgt Ion: 43 Resp: 50198
Ion Ratio Lower Upper
43 100
74 24.6 16.7 25.1

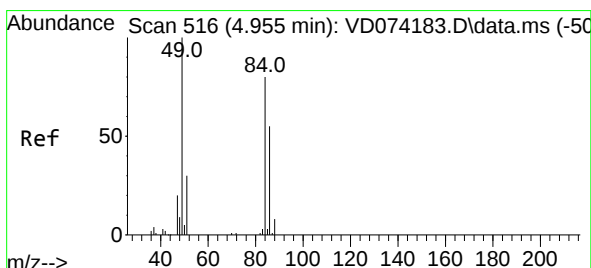
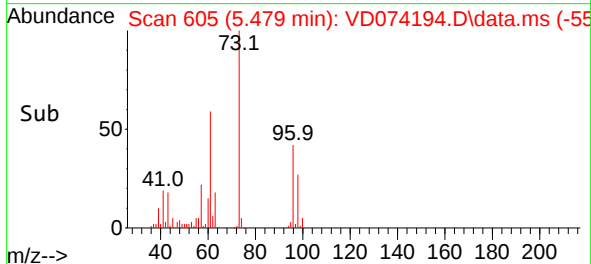
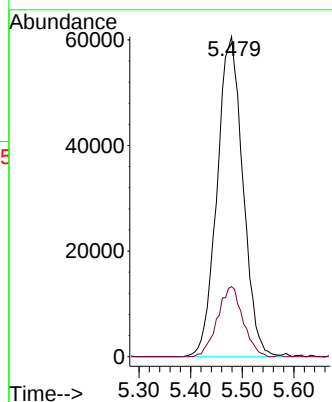
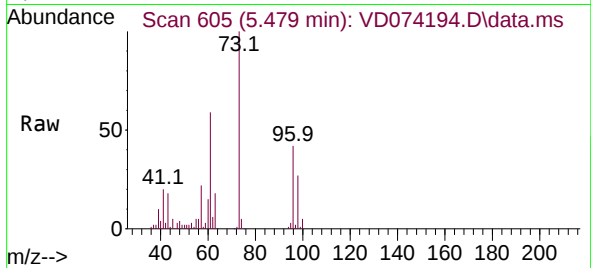




#19
Methyl tert-butyl Ether
Concen: 56.272 ug/l
RT: 5.479 min Scan# 605
Delta R.T. 0.000 min
Lab File: VD074194.D
Acq: 23 Aug 2022 19:44

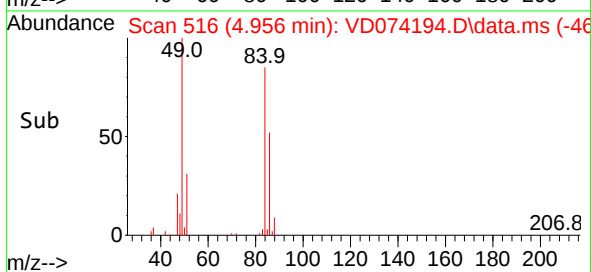
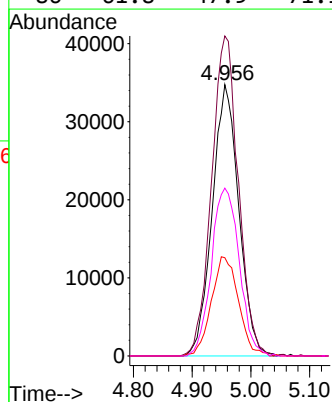
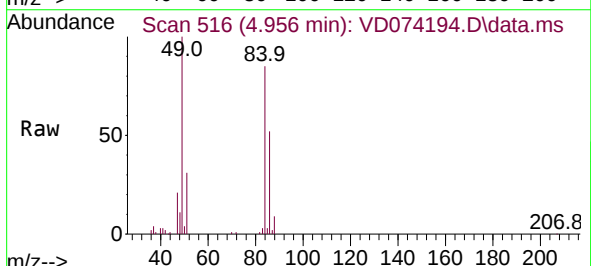
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

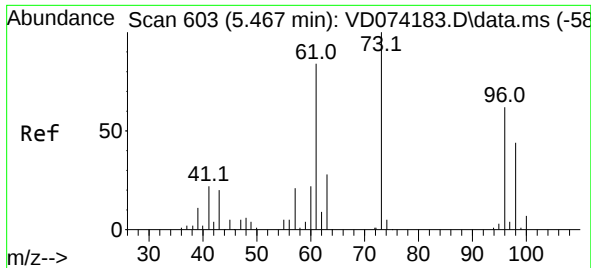
Tgt Ion: 73 Resp: 210112
Ion Ratio Lower Upper
73 100
57 21.9 18.0 27.0



#20
Methylene Chloride
Concen: 56.233 ug/l
RT: 4.956 min Scan# 516
Delta R.T. 0.001 min
Lab File: VD074194.D
Acq: 23 Aug 2022 19:44

Tgt Ion: 84 Resp: 109157
Ion Ratio Lower Upper
84 100
49 117.9 112.8 169.2
51 36.2 32.6 48.8
86 61.8 47.9 71.9

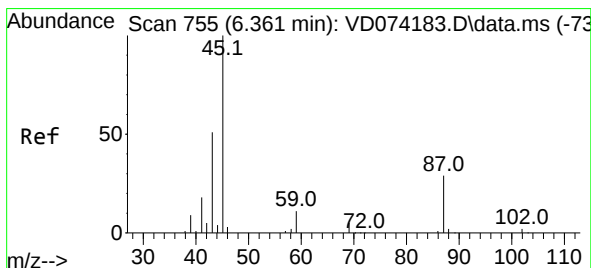
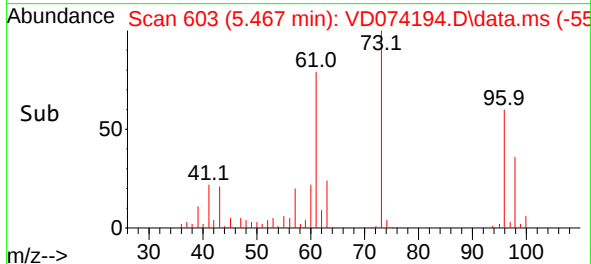
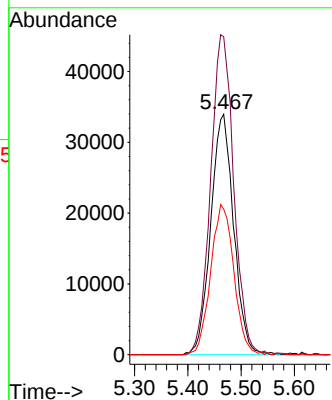
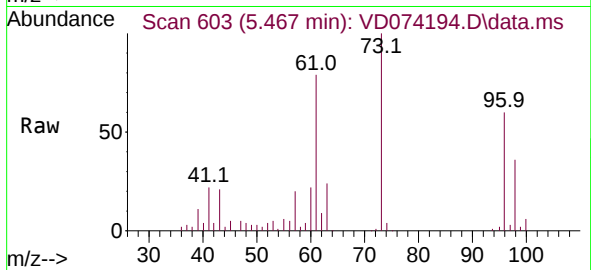




#21
trans-1,2-Dichloroethene
Concen: 55.635 ug/l
RT: 5.467 min Scan# 603
Delta R.T. 0.000 min
Lab File: VD074194.D
Acq: 23 Aug 2022 19:44

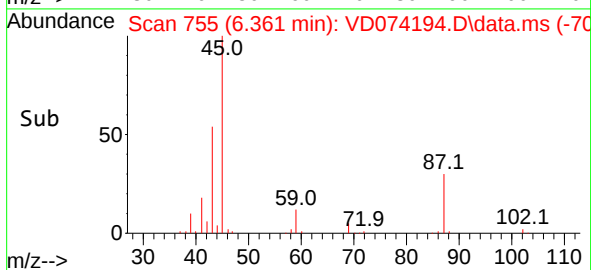
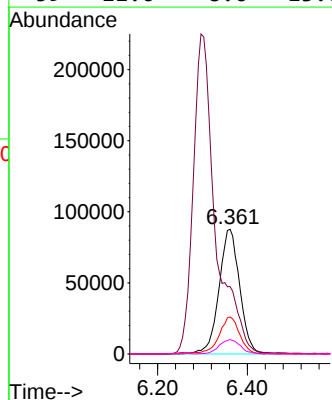
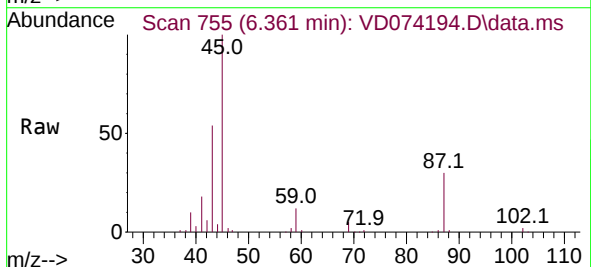
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 101430
Ion Ratio Lower Upper
96 100
61 132.1 117.9 176.9
98 60.5 49.4 74.2



#22
Diisopropyl ether
Concen: 56.245 ug/l
RT: 6.361 min Scan# 755
Delta R.T. 0.000 min
Lab File: VD074194.D
Acq: 23 Aug 2022 19:44

Tgt Ion: 45 Resp: 281567
Ion Ratio Lower Upper
45 100
43 53.0 46.6 70.0
87 29.6 18.4 27.6#
59 11.6 8.6 13.0

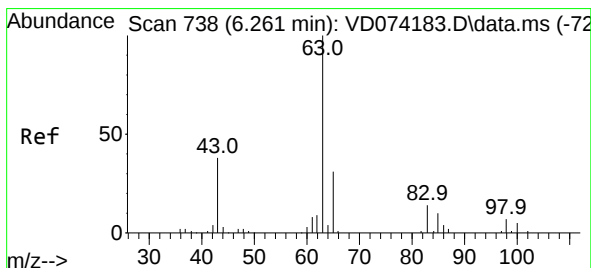
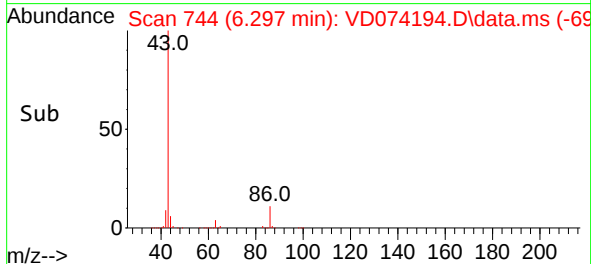
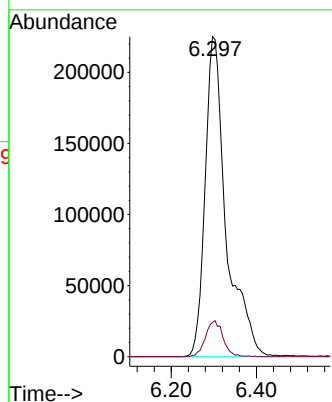
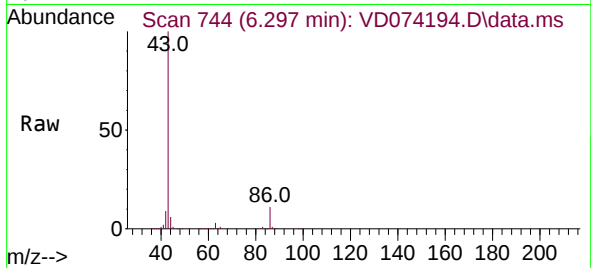




#23
 Vinyl Acetate
 Concen: 273.009 ug/l
 RT: 6.297 min Scan# 744
 Delta R.T. -0.005 min
 Lab File: VD074194.D
 Acq: 23 Aug 2022 19:44

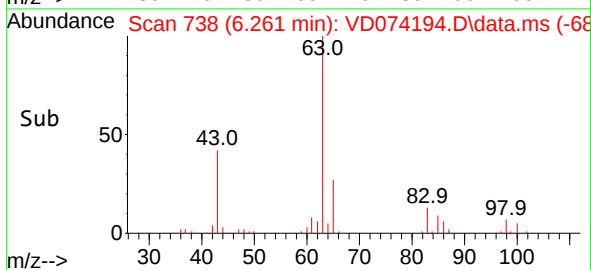
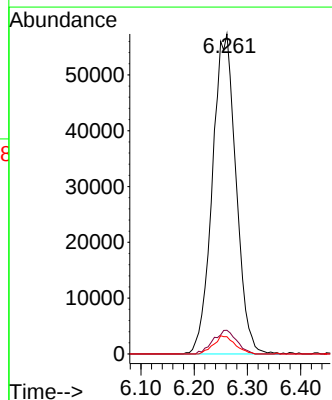
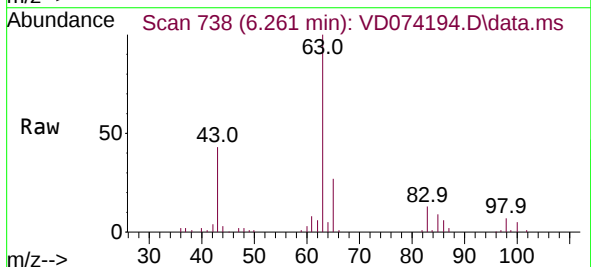
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

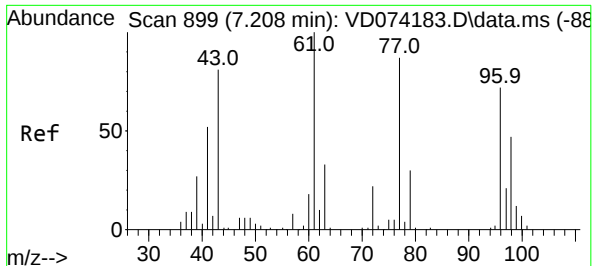
Tgt Ion: 43 Resp: 773476
 Ion Ratio Lower Upper
 43 100
 86 10.7 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 53.549 ug/l
 RT: 6.261 min Scan# 738
 Delta R.T. 0.000 min
 Lab File: VD074194.D
 Acq: 23 Aug 2022 19:44

Tgt Ion: 63 Resp: 176732
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.6 10.9
 100 5.4 2.1 6.5

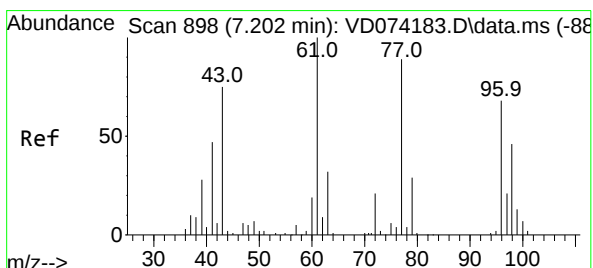
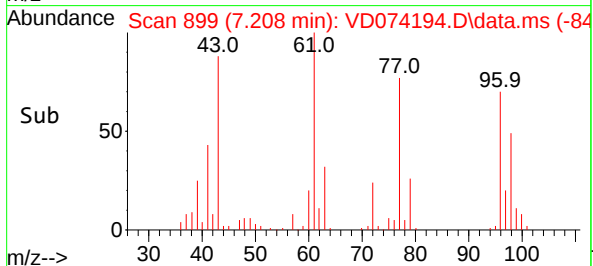
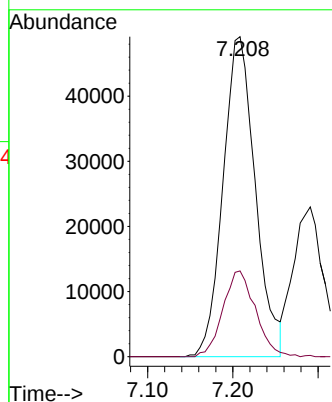
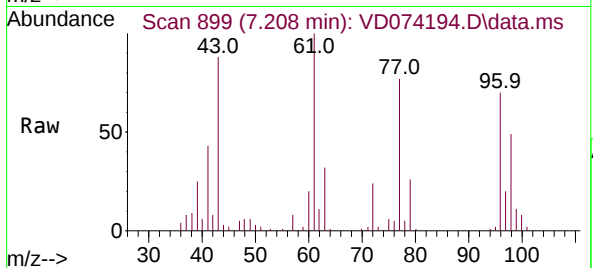




#25
2-Butanone
Concen: 271.752 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD074194.D
Acq: 23 Aug 2022 19:44

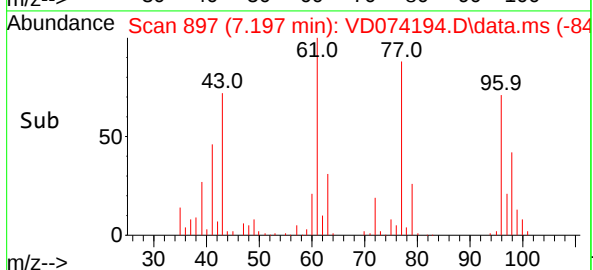
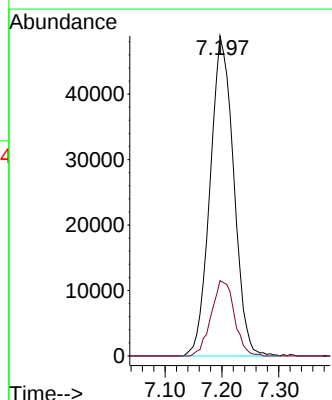
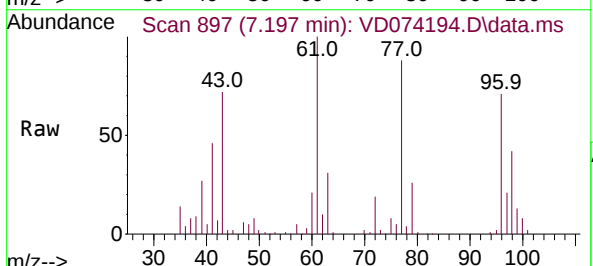
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

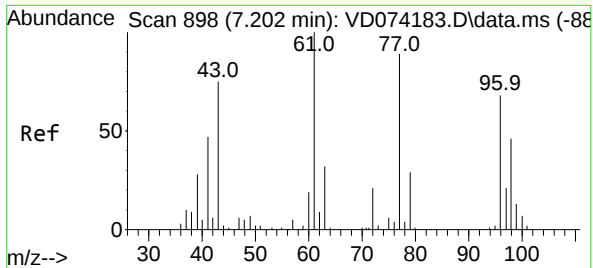
Tgt Ion: 43 Resp: 129421
Ion Ratio Lower Upper
43 100
72 26.8 18.6 27.8



#26
2,2-Dichloropropane
Concen: 47.438 ug/l
RT: 7.197 min Scan# 897
Delta R.T. -0.005 min
Lab File: VD074194.D
Acq: 23 Aug 2022 19:44

Tgt Ion: 77 Resp: 141069
Ion Ratio Lower Upper
77 100
97 23.1 10.8 32.4

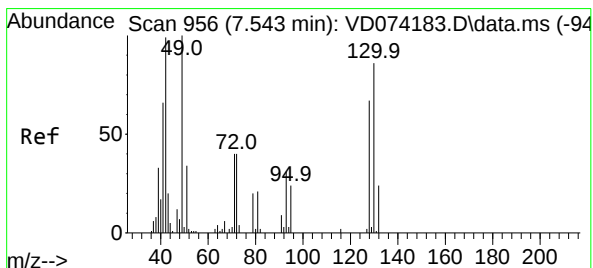
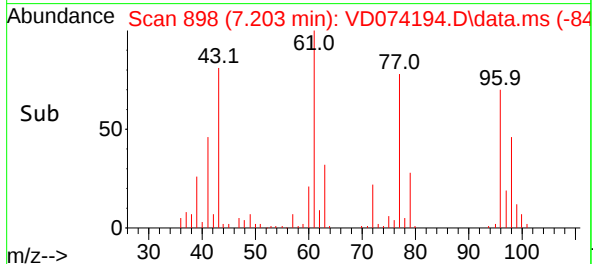
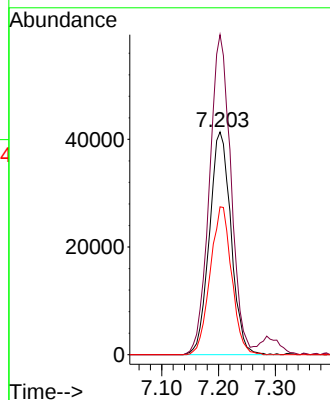
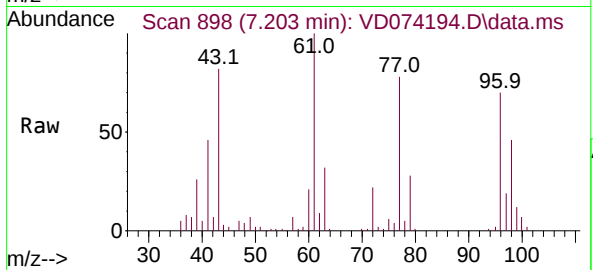




#27
 cis-1,2-Dichloroethene
 Concen: 53.360 ug/l
 RT: 7.203 min Scan# 898
 Delta R.T. 0.001 min
 Lab File: VD074194.D
 Acq: 23 Aug 2022 19:44

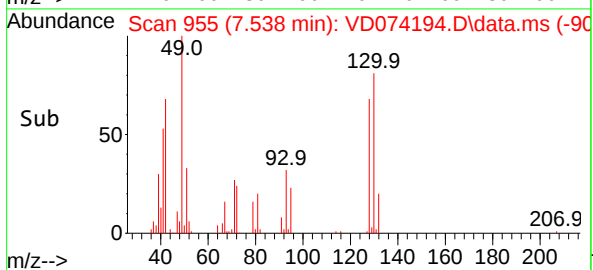
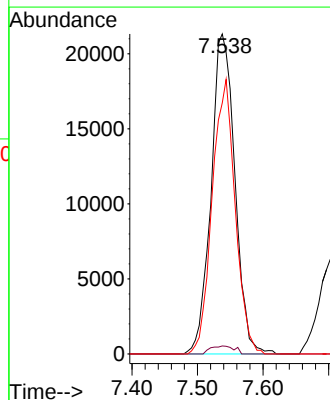
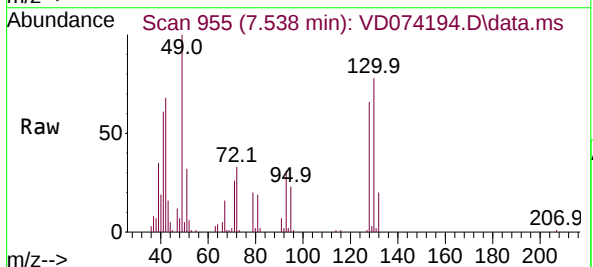
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

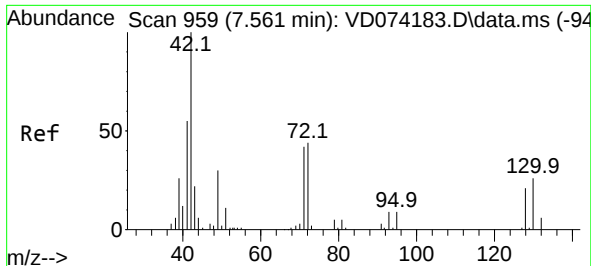
Tgt Ion: 96 Resp: 109322
 Ion Ratio Lower Upper
 96 100
 61 143.4 0.0 313.8
 98 66.0 0.0 128.8



#28
 Bromochloromethane
 Concen: 53.928 ug/l
 RT: 7.538 min Scan# 955
 Delta R.T. -0.005 min
 Lab File: VD074194.D
 Acq: 23 Aug 2022 19:44

Tgt Ion: 49 Resp: 53799
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 4.0
 130 82.8 52.6 79.0#





#29

Tetrahydrofuran

Concen: 293.662 ug/l

RT: 7.555 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD074194.D

Acq: 23 Aug 2022 19:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

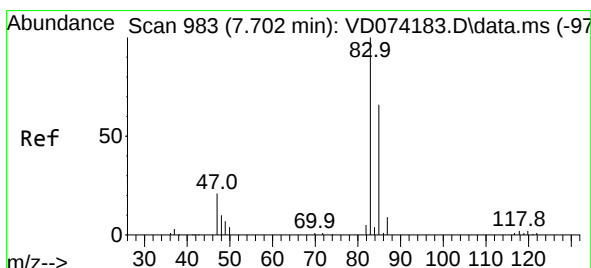
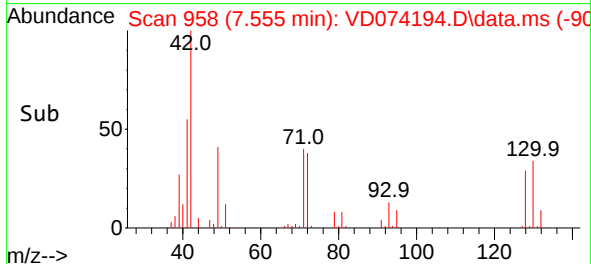
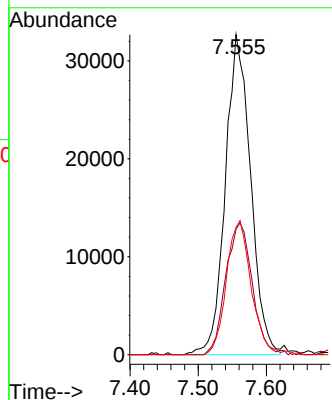
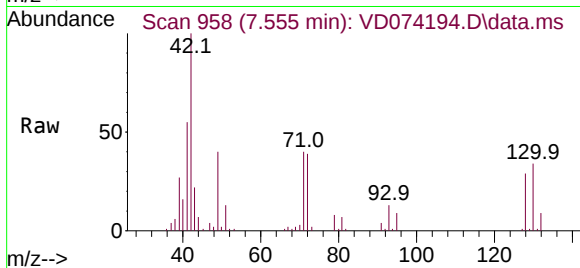
Tgt Ion: 42 Resp: 84402

Ion Ratio Lower Upper

42 100

72 43.3 30.7 46.1

71 41.3 28.6 43.0



#30

Chloroform

Concen: 53.695 ug/l

RT: 7.703 min Scan# 983

Delta R.T. 0.001 min

Lab File: VD074194.D

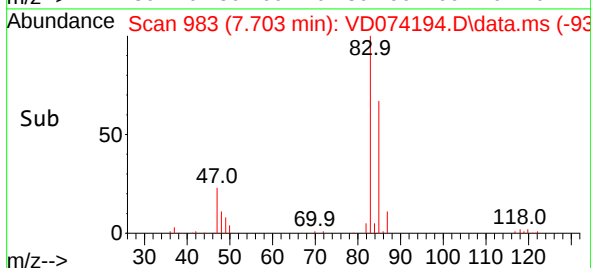
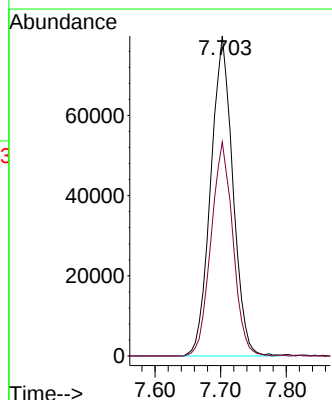
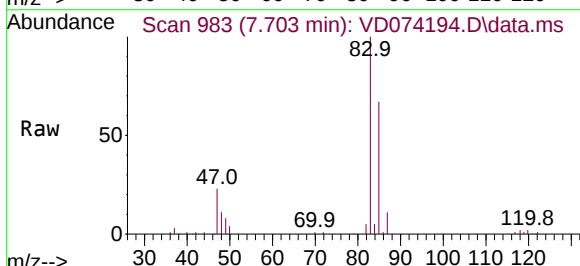
Acq: 23 Aug 2022 19:44

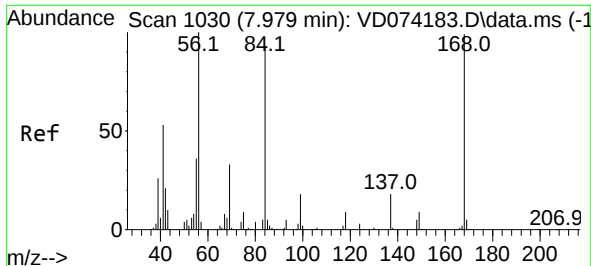
Tgt Ion: 83 Resp: 186845

Ion Ratio Lower Upper

83 100

85 66.9 52.7 79.1

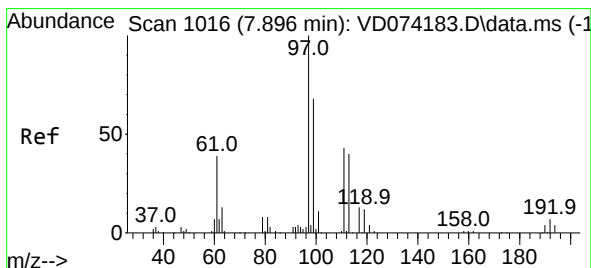
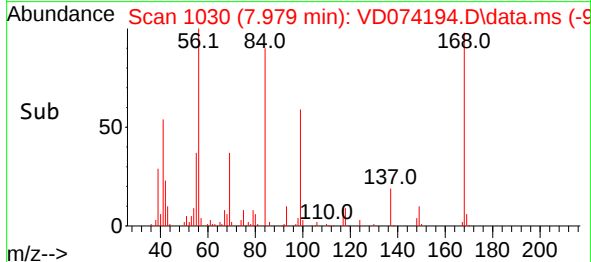
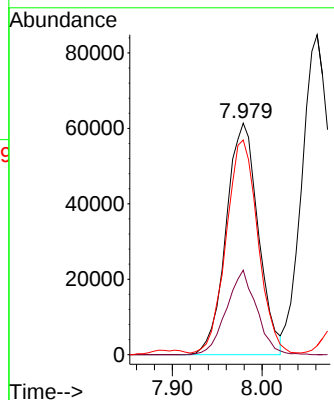
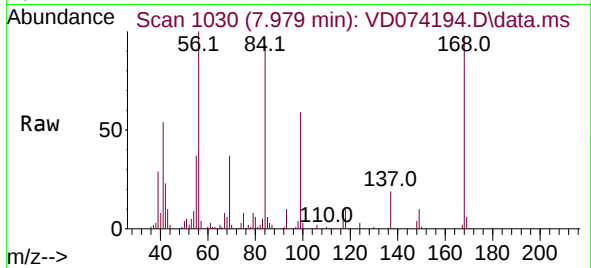




#31
Cyclohexane
Concen: 53.066 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD074194.D
Acq: 23 Aug 2022 19:44

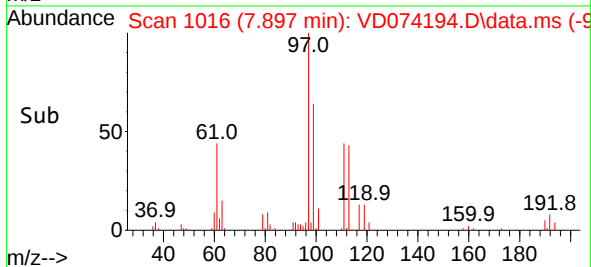
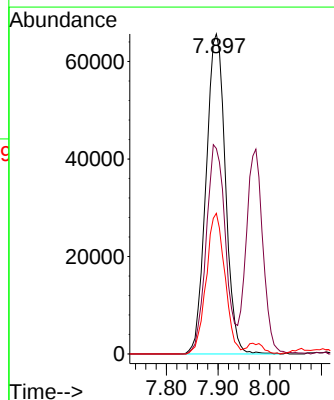
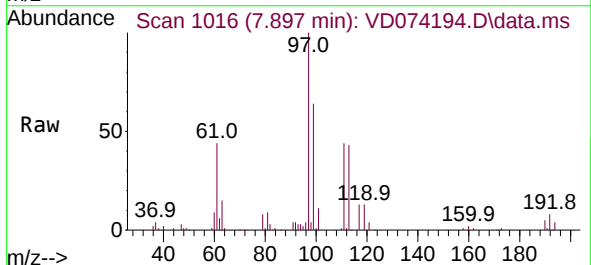
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

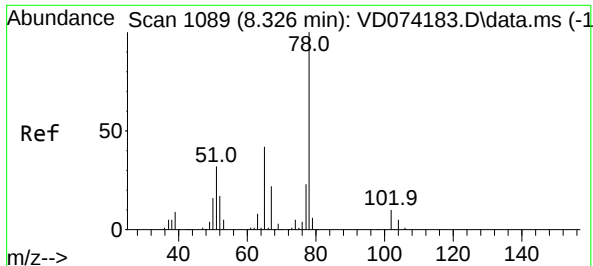
Tgt Ion: 56 Resp: 152520
Ion Ratio Lower Upper
56 100
69 36.5 25.4 38.2
84 91.1 63.0 94.4



#32
1,1,1-Trichloroethane
Concen: 53.012 ug/l
RT: 7.897 min Scan# 1016
Delta R.T. 0.001 min
Lab File: VD074194.D
Acq: 23 Aug 2022 19:44

Tgt Ion: 97 Resp: 170943
Ion Ratio Lower Upper
97 100
99 65.4 52.4 78.6
61 42.5 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 46.946 ug/l

RT: 8.320 min Scan# 1107

Delta R.T. -0.006 min

Lab File: VD074194.D

Acq: 23 Aug 2022 19:44

Instrument :

MSVOA_D

ClientSampleId :

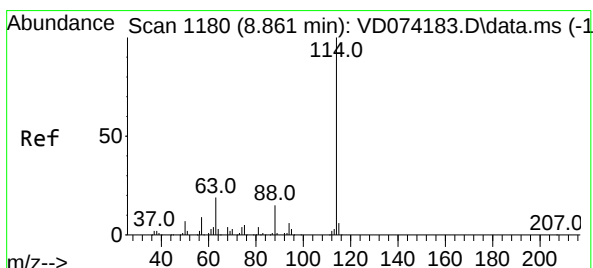
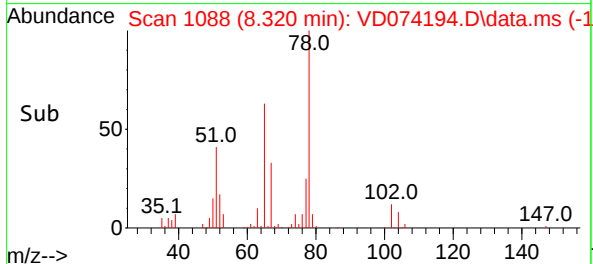
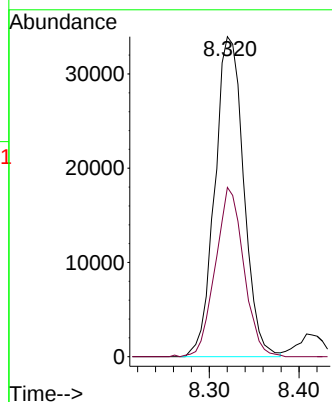
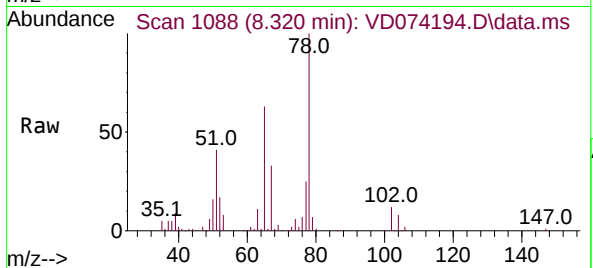
VSTDCCC050EC

Tgt Ion: 65 Resp: 75806

Ion Ratio Lower Upper

65 100

67 52.0 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: VD074194.D

Acq: 23 Aug 2022 19:44

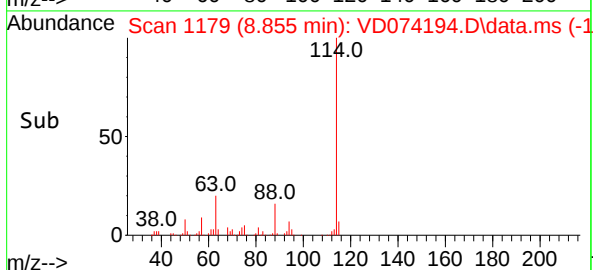
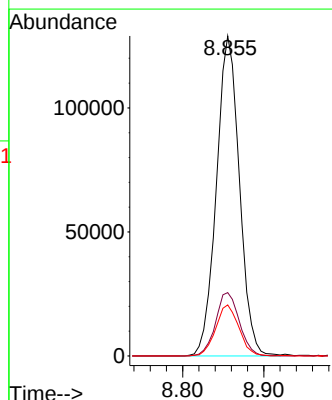
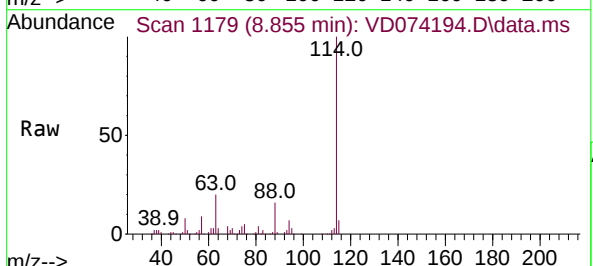
Tgt Ion: 114 Resp: 253967

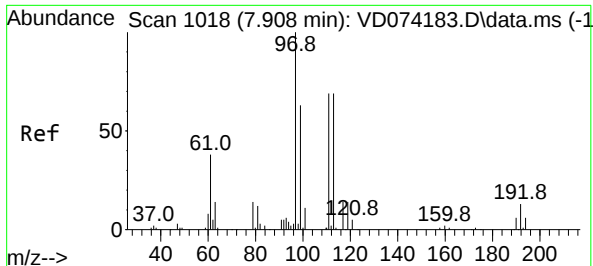
Ion Ratio Lower Upper

114 100

63 19.8 0.0 46.6

88 16.0 0.0 33.2





#35

Dibromofluoromethane

Concen: 48.010 ug/l

RT: 7.902 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD074194.D

Acq: 23 Aug 2022 19:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

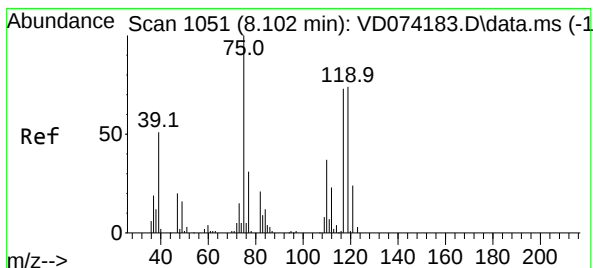
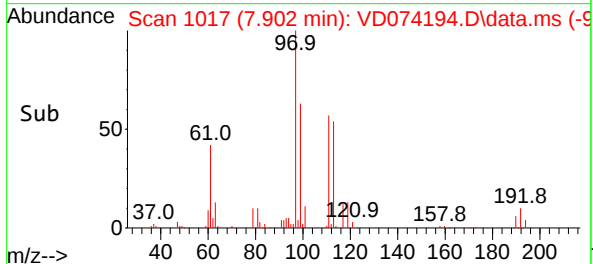
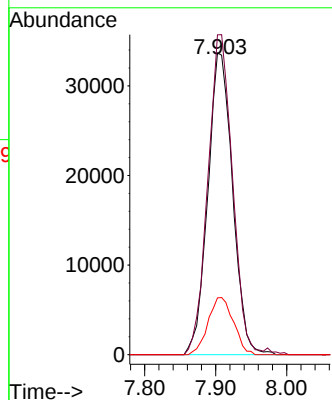
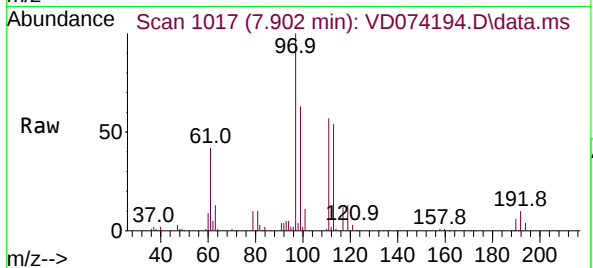
Tgt Ion:113 Resp: 81557

Ion Ratio Lower Upper

113 100

111 105.3 83.8 125.6

192 19.4 14.6 21.8



#36

1,1-Dichloropropene

Concen: 54.857 ug/l

RT: 8.102 min Scan# 1051

Delta R.T. 0.000 min

Lab File: VD074194.D

Acq: 23 Aug 2022 19:44

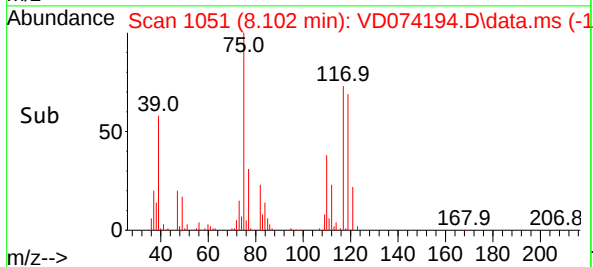
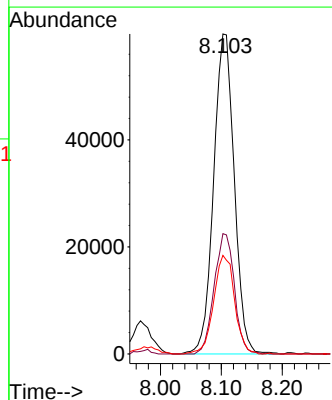
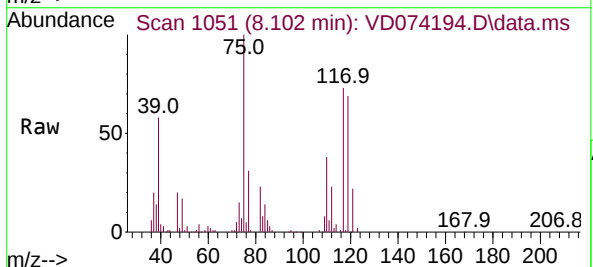
Tgt Ion: 75 Resp: 140848

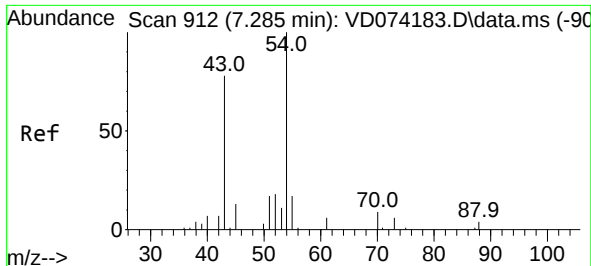
Ion Ratio Lower Upper

75 100

110 36.7 16.4 49.1

77 31.2 24.2 36.2





#37

Ethyl Acetate

Concen: 57.165 ug/l

RT: 7.291 min Scan# 912

Delta R.T. 0.006 min

Lab File: VD074194.D

Acq: 23 Aug 2022 19:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

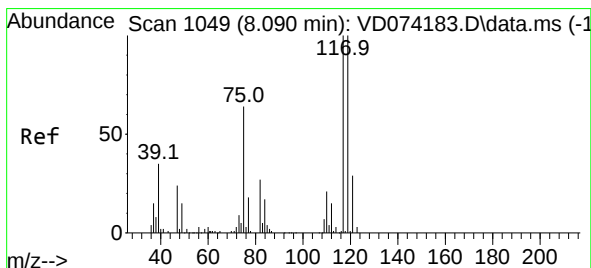
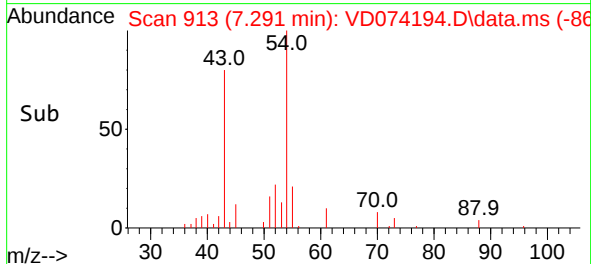
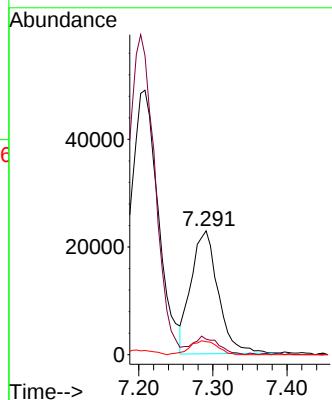
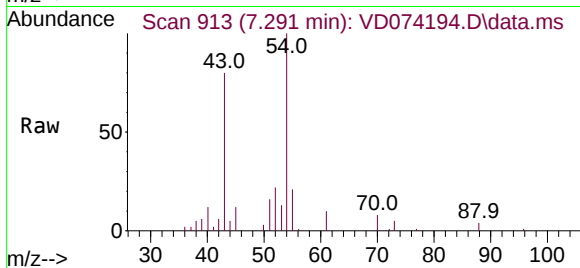
Tgt Ion: 43 Resp: 57869

Ion Ratio Lower Upper

43 100

61 12.9 9.8 14.8

70 11.4 6.9 10.3#



#38

Carbon Tetrachloride

Concen: 53.411 ug/l

RT: 8.091 min Scan# 1049

Delta R.T. 0.001 min

Lab File: VD074194.D

Acq: 23 Aug 2022 19:44

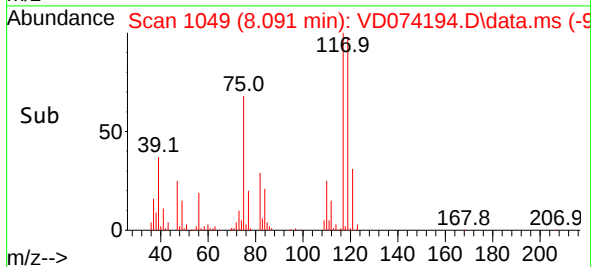
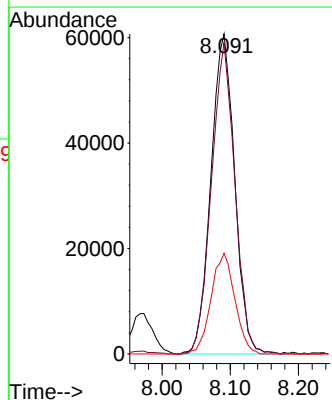
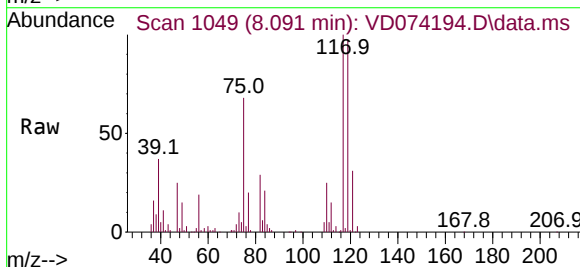
Tgt Ion: 117 Resp: 147313

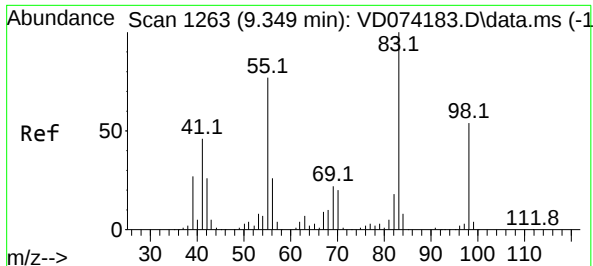
Ion Ratio Lower Upper

117 100

119 97.3 75.8 113.6

121 31.4 24.5 36.7





#39

Methylcyclohexane

Concen: 50.980 ug/l

RT: 9.344 min Scan# 11

Delta R.T. -0.005 min

Lab File: VD074194.D

Acq: 23 Aug 2022 19:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

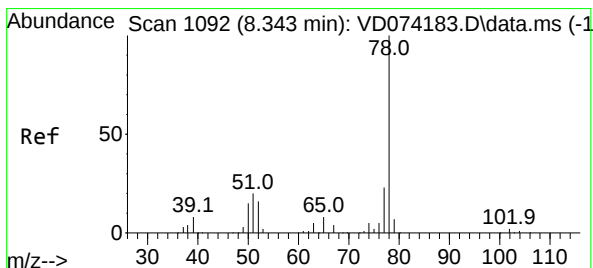
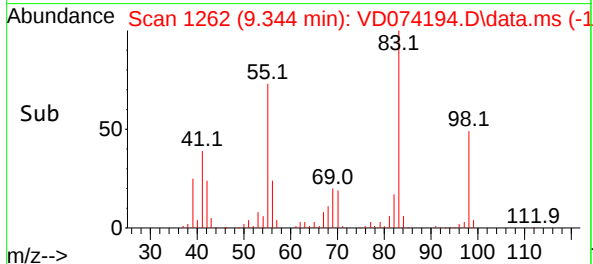
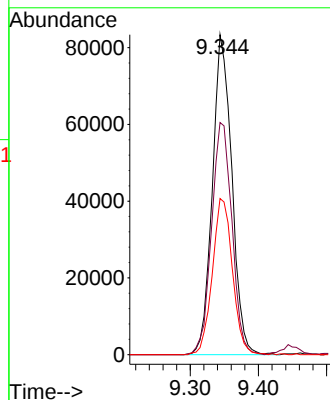
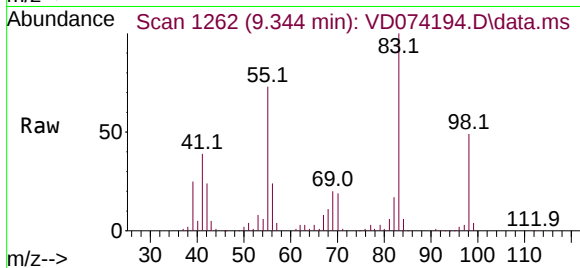
Tgt Ion: 83 Resp: 165498

Ion Ratio Lower Upper

83 100

55 72.5 63.2 94.8

98 48.8 38.2 57.4



#40

Benzene

Concen: 55.119 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. 0.001 min

Lab File: VD074194.D

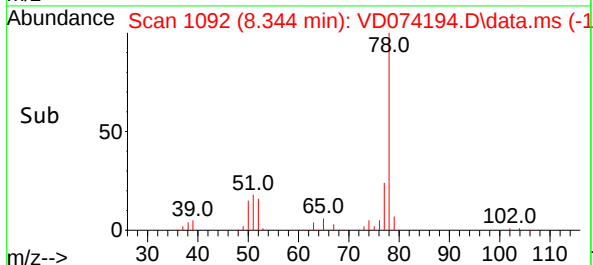
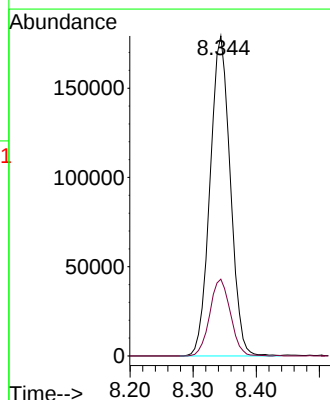
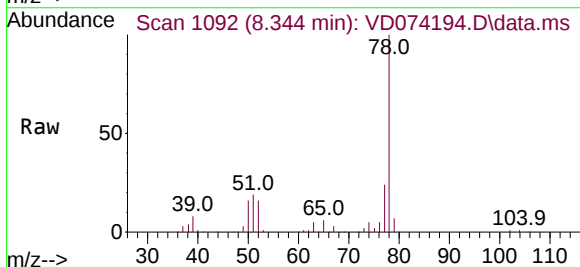
Acq: 23 Aug 2022 19:44

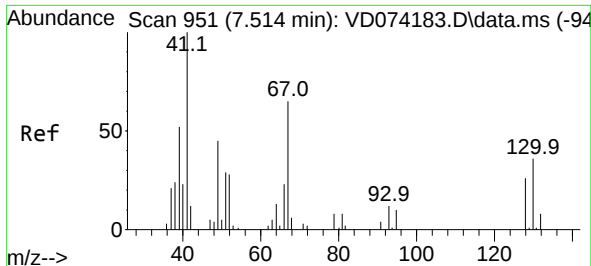
Tgt Ion: 78 Resp: 398920

Ion Ratio Lower Upper

78 100

77 24.0 19.1 28.7

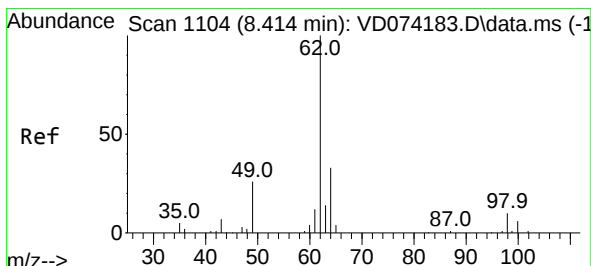
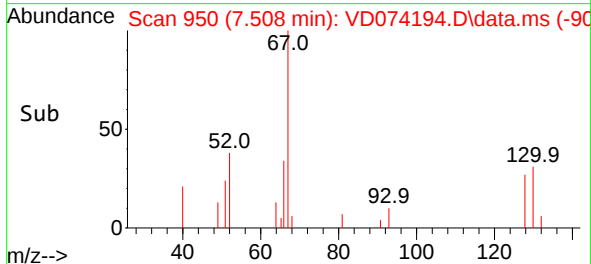
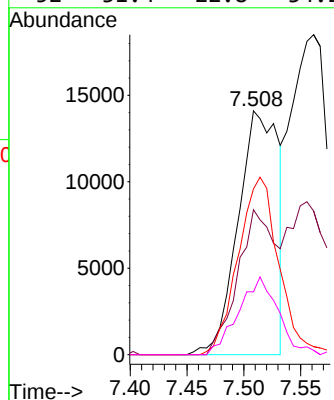
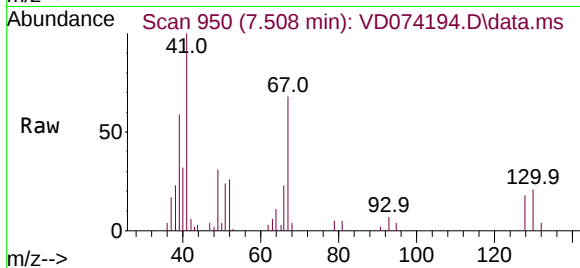




#41
Methacrylonitrile
Concen: 57.150 ug/l
RT: 7.508 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD074194.D
Acq: 23 Aug 2022 19:44

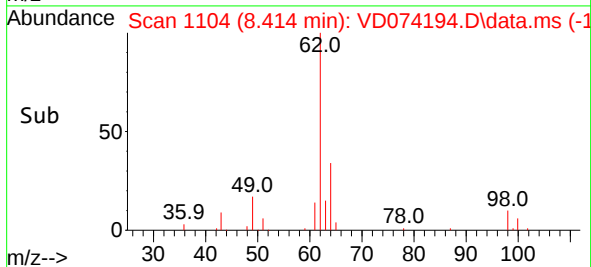
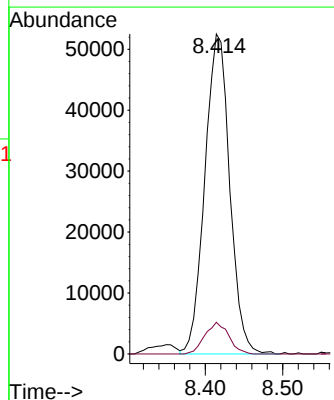
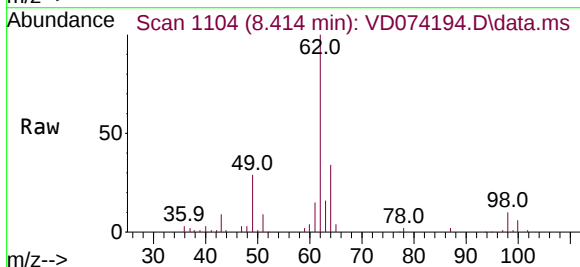
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

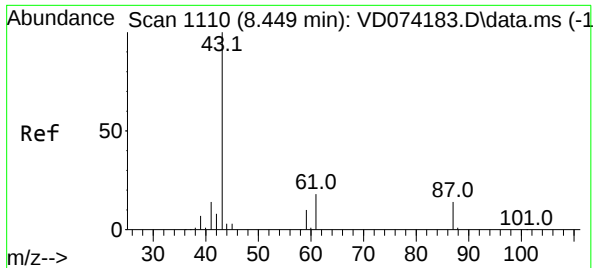
Tgt Ion:	41	Resp:	34777
Ion	Ratio	Lower	Upper
41	100		
39	56.3	44.6	67.0
67	73.1	48.2	72.4#
52	31.4	22.8	34.2



#42
1,2-Dichloroethane
Concen: 54.994 ug/l
RT: 8.414 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VD074194.D
Acq: 23 Aug 2022 19:44

Tgt Ion:	62	Resp:	117322
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	17.6

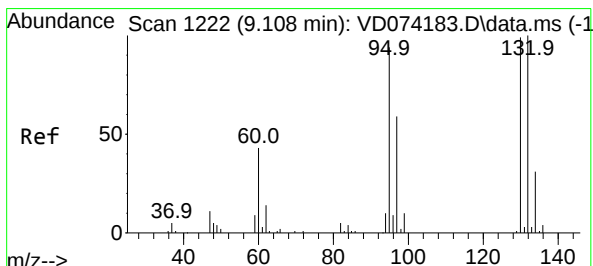
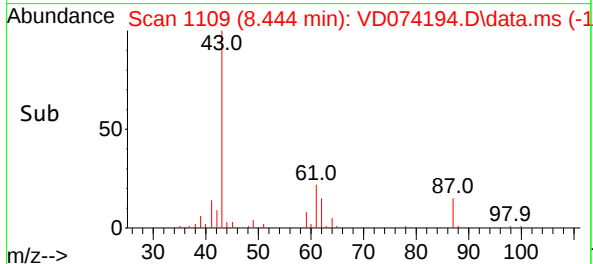
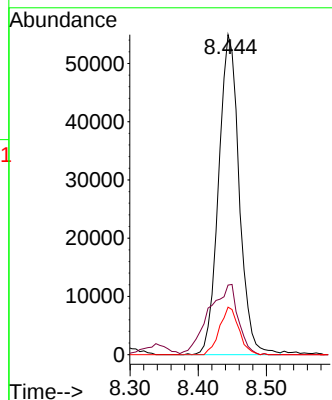
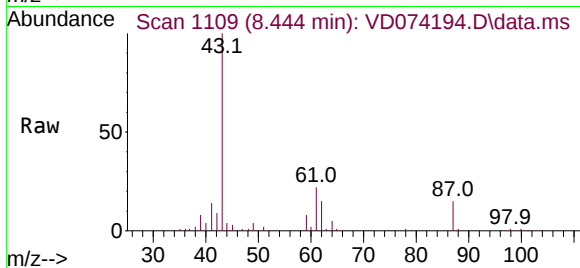




#43
Isopropyl Acetate
Concen: 56.752 ug/l
RT: 8.444 min Scan# 1110
Delta R.T. -0.005 min
Lab File: VD074194.D
Acq: 23 Aug 2022 19:44

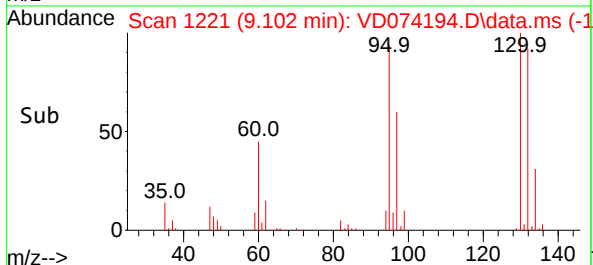
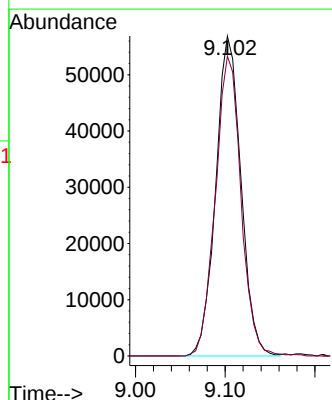
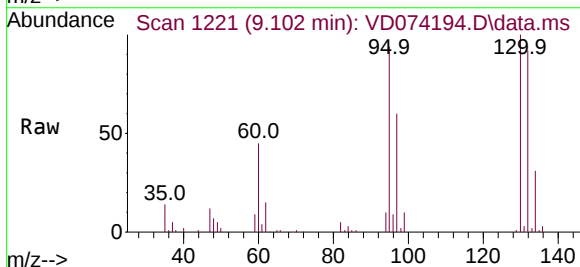
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

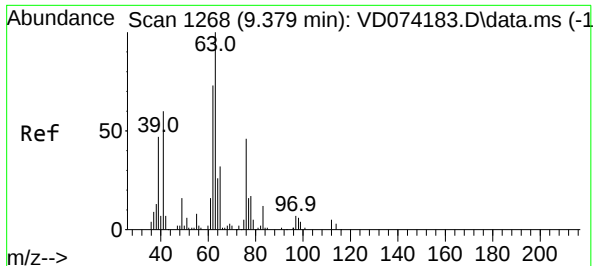
Tgt Ion: 43 Resp: 115564
Ion Ratio Lower Upper
43 100
61 31.3 22.4 33.6
87 13.9 8.7 13.1#



#44
Trichloroethene
Concen: 52.949 ug/l
RT: 9.102 min Scan# 1221
Delta R.T. -0.006 min
Lab File: VD074194.D
Acq: 23 Aug 2022 19:44

Tgt Ion:130 Resp: 111100
Ion Ratio Lower Upper
130 100
95 93.7 0.0 205.4





#45

1,2-Dichloropropane

Concen: 54.550 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. -0.000 min

Lab File: VD074194.D

Acq: 23 Aug 2022 19:44

Instrument :

MSVOA_D

ClientSampleId :

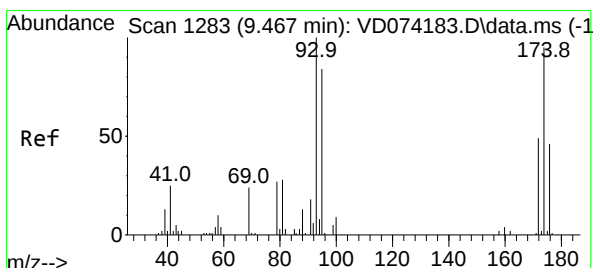
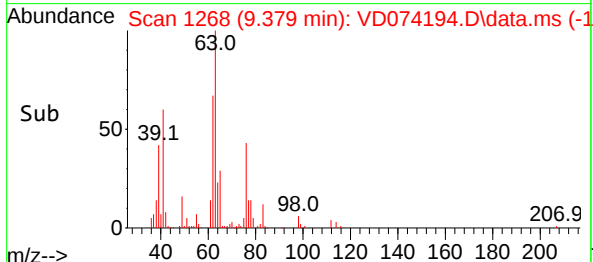
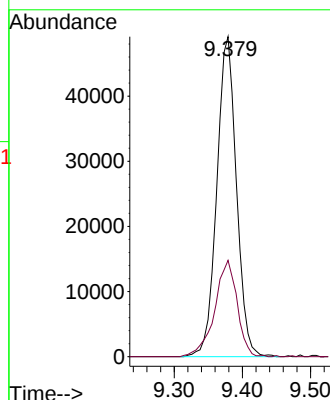
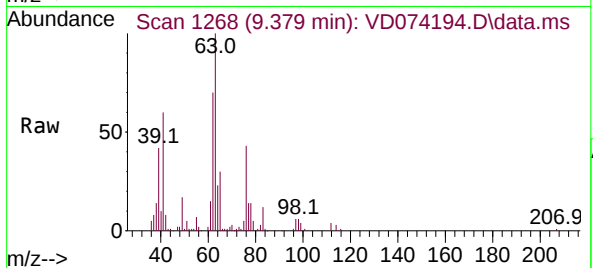
VSTDCCC050EC

Tgt Ion: 63 Resp: 98551

Ion Ratio Lower Upper

63 100

65 30.1 26.2 39.4



#46

Dibromomethane

Concen: 56.284 ug/l

RT: 9.461 min Scan# 1282

Delta R.T. -0.006 min

Lab File: VD074194.D

Acq: 23 Aug 2022 19:44

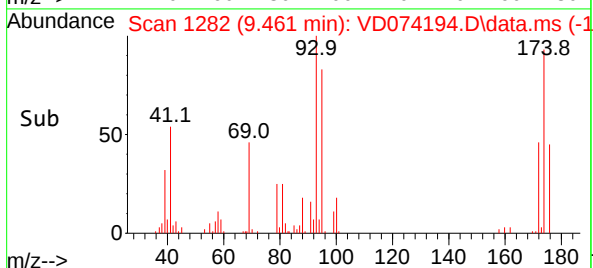
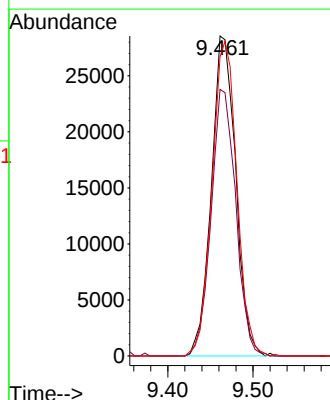
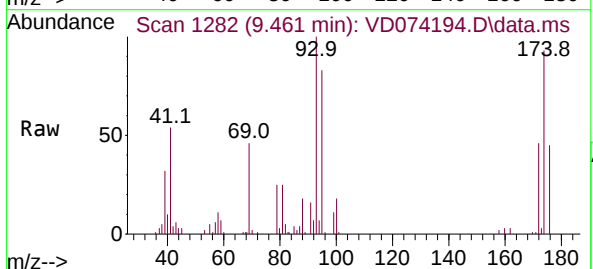
Tgt Ion: 93 Resp: 56729

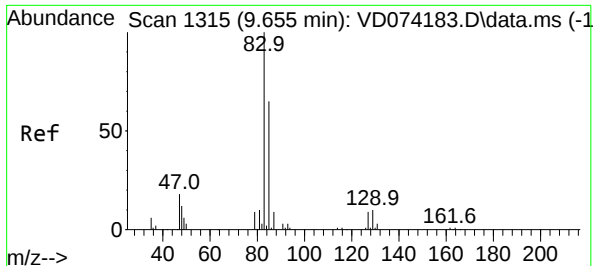
Ion Ratio Lower Upper

93 100

95 84.2 66.7 100.1

174 100.1 71.6 107.4

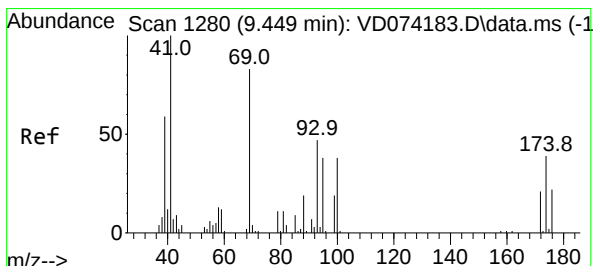
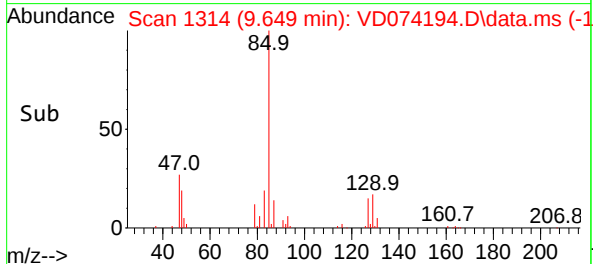
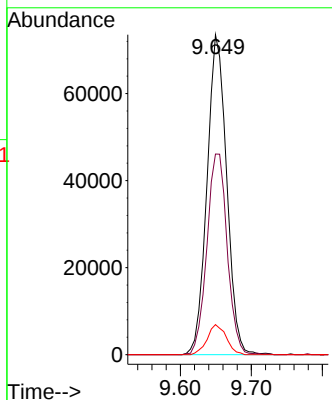
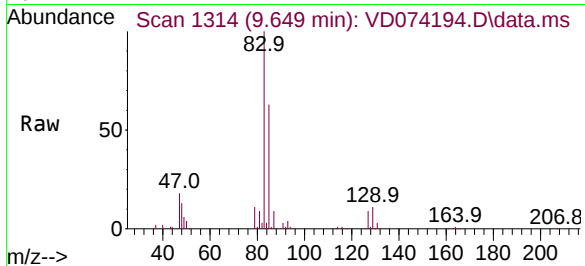




#47
Bromodichloromethane
Concen: 53.925 ug/l
RT: 9.649 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD074194.D
Acq: 23 Aug 2022 19:44

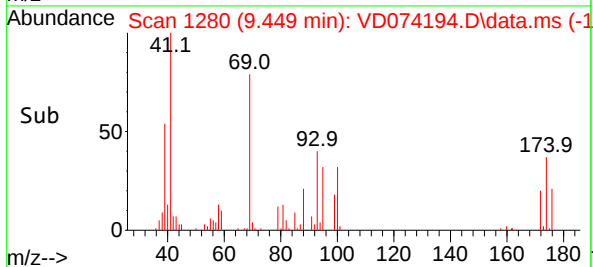
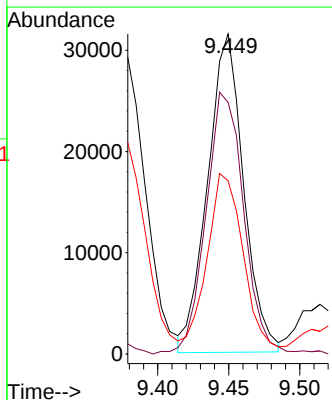
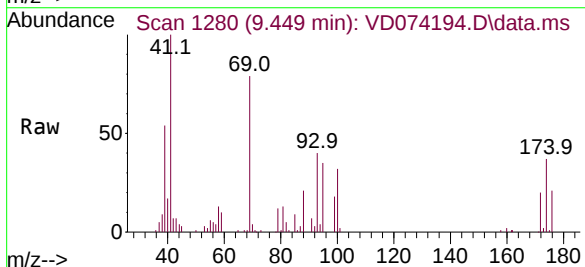
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

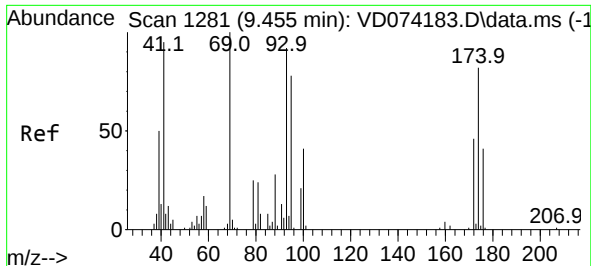
Tgt Ion: 83 Resp: 141366
Ion Ratio Lower Upper
83 100
85 62.7 51.4 77.0
127 9.4 6.1 9.1#



#48
Methyl methacrylate
Concen: 58.818 ug/l
RT: 9.449 min Scan# 1280
Delta R.T. 0.000 min
Lab File: VD074194.D
Acq: 23 Aug 2022 19:44

Tgt Ion: 41 Resp: 55370
Ion Ratio Lower Upper
41 100
69 86.4 56.7 85.1#
39 52.6 42.7 64.1





#49

1,4-Dioxane

Concen: 1177.605 ug/l

RT: 9.449 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD074194.D

Acq: 23 Aug 2022 19:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

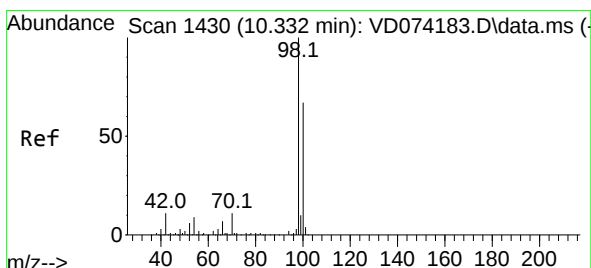
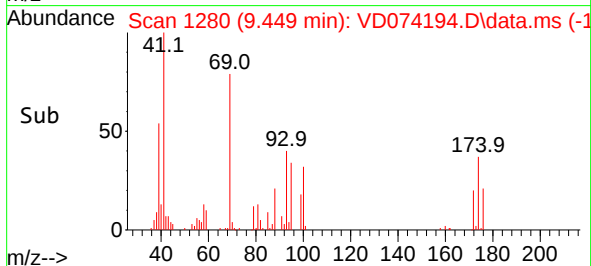
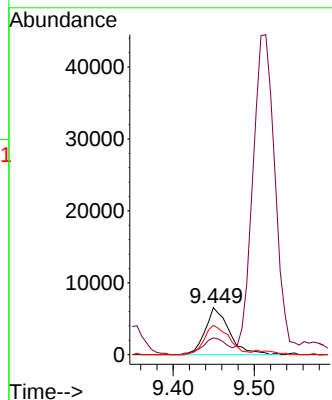
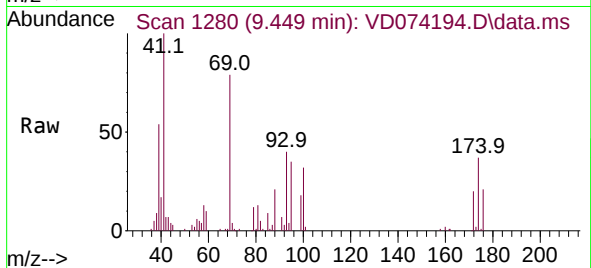
Tgt Ion: 88 Resp: 13468

Ion Ratio Lower Upper

88 100

43 35.6 31.0 46.4

58 64.7 58.1 87.1



#50

Toluene-d8

Concen: 46.636 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD074194.D

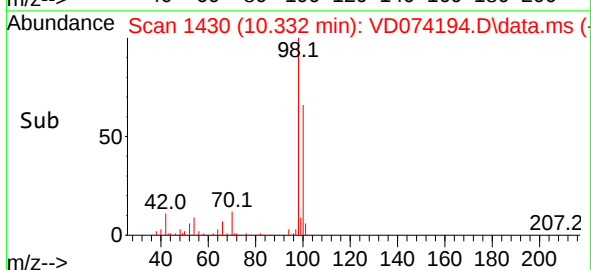
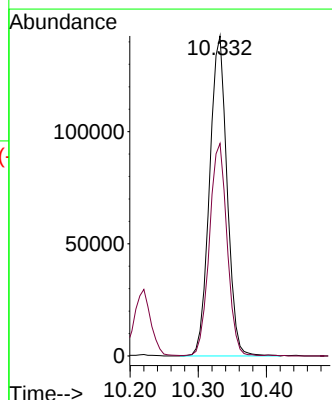
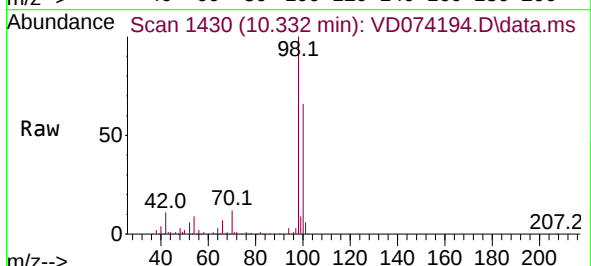
Acq: 23 Aug 2022 19:44

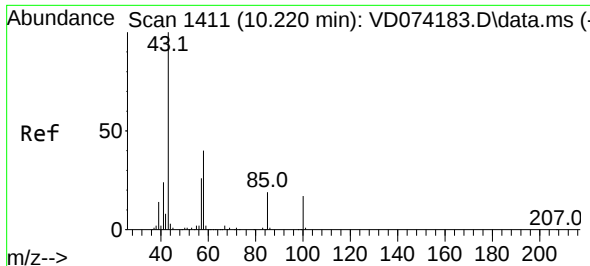
Tgt Ion: 98 Resp: 254973

Ion Ratio Lower Upper

98 100

100 66.8 52.4 78.6

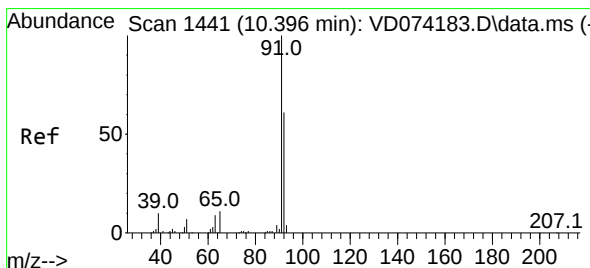
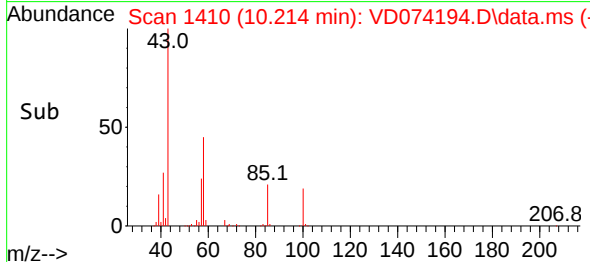
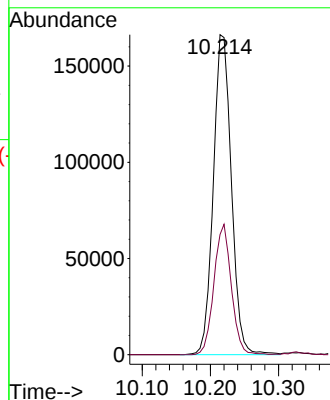
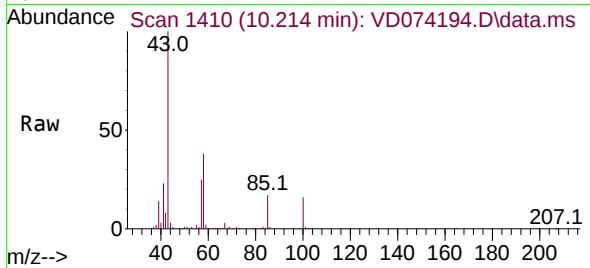




#51
4-Methyl-2-Pentanone
Concen: 301.899 ug/l
RT: 10.214 min Scan# 1410
Delta R.T. -0.006 min
Lab File: VD074194.D
Acq: 23 Aug 2022 19:44

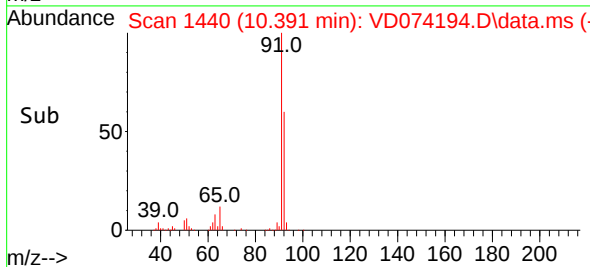
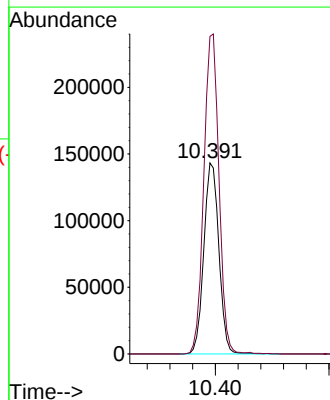
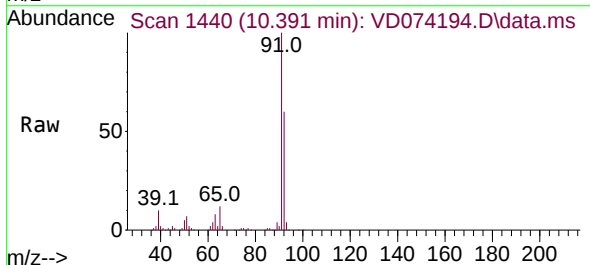
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

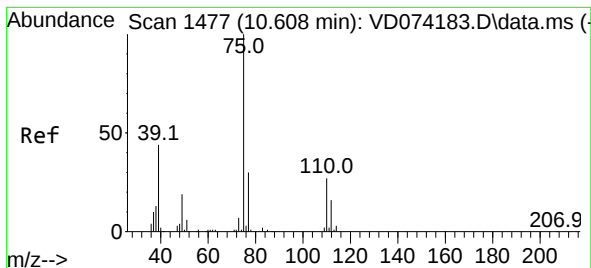
Tgt Ion: 43 Resp: 307129
Ion Ratio Lower Upper
43 100
58 39.1 28.6 43.0



#52
Toluene
Concen: 55.256 ug/l
RT: 10.391 min Scan# 1440
Delta R.T. -0.005 min
Lab File: VD074194.D
Acq: 23 Aug 2022 19:44

Tgt Ion: 92 Resp: 262883
Ion Ratio Lower Upper
92 100
91 168.5 139.6 209.4

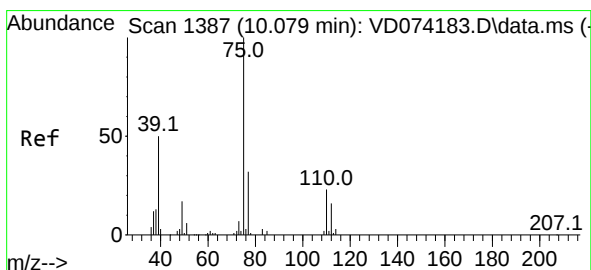
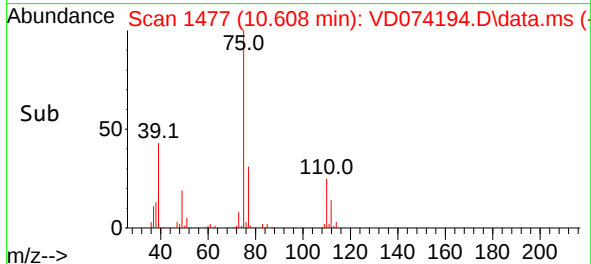
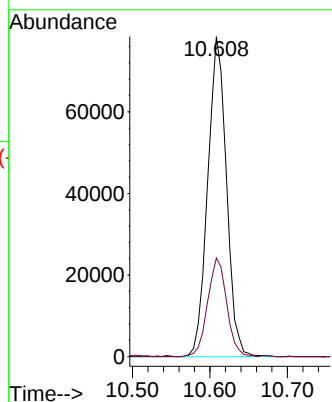
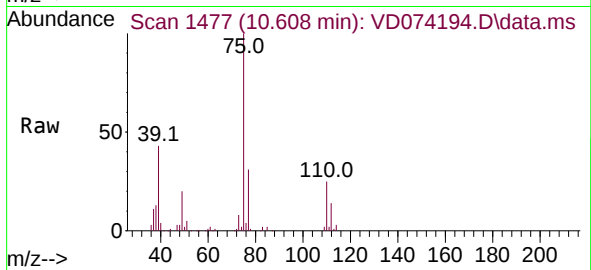




#53
t-1,3-Dichloropropene
Concen: 55.504 ug/l
RT: 10.608 min Scan# 1477
Delta R.T. 0.000 min
Lab File: VD074194.D
Acq: 23 Aug 2022 19:44

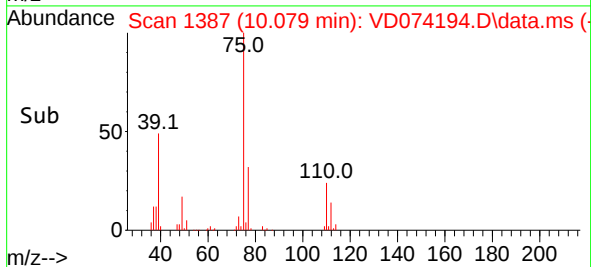
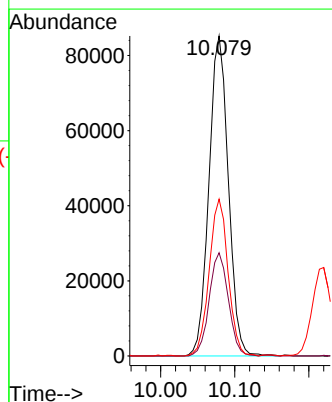
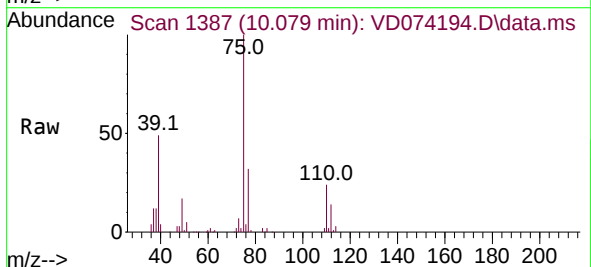
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

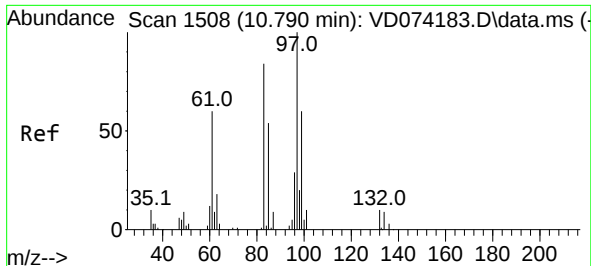
Tgt Ion: 75 Resp: 131953
Ion Ratio Lower Upper
75 100
77 30.8 24.5 36.7



#54
cis-1,3-Dichloropropene
Concen: 54.940 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VD074194.D
Acq: 23 Aug 2022 19:44

Tgt Ion: 75 Resp: 154864
Ion Ratio Lower Upper
75 100
77 32.3 24.8 37.2
39 49.0 46.8 70.2

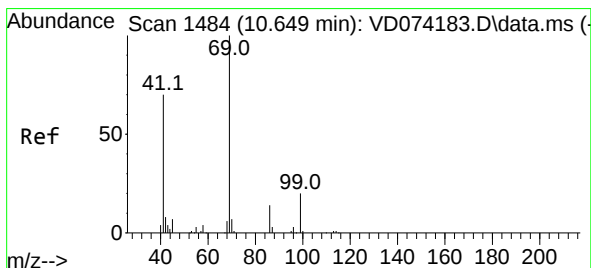
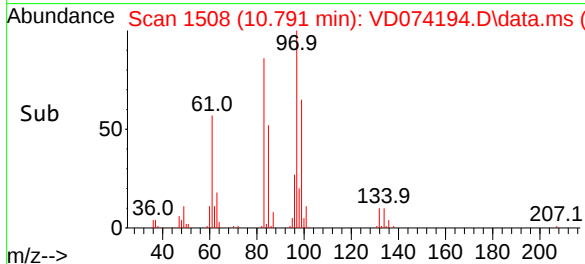
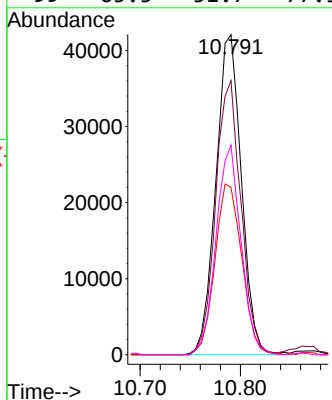
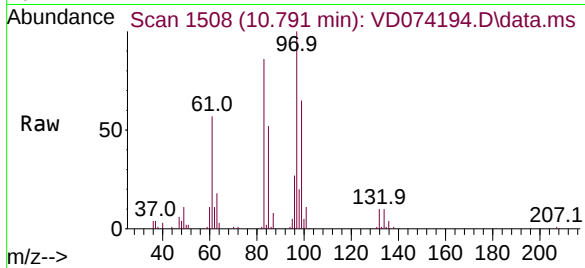




#55
1,1,2-Trichloroethane
Concen: 53.956 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. 0.001 min
Lab File: VD074194.D
Acq: 23 Aug 2022 19:44

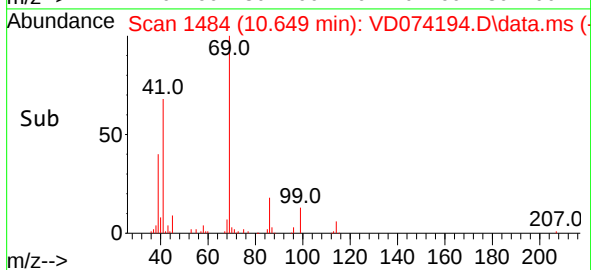
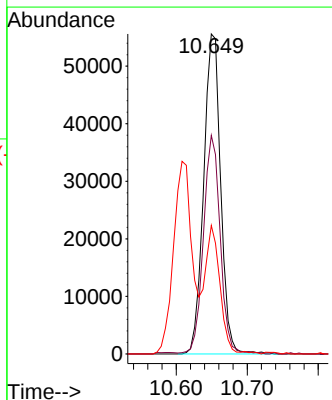
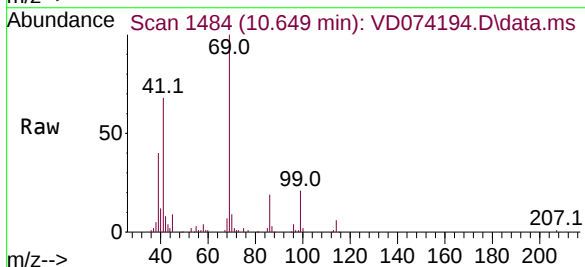
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

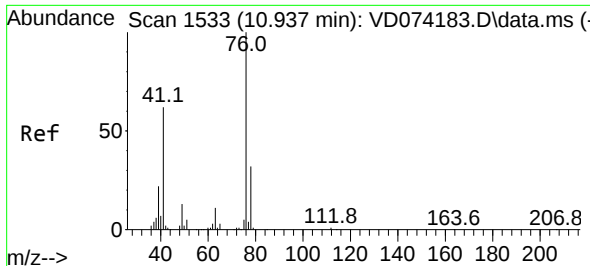
Tgt Ion: 97	Resp: 74377
Ion Ratio	Lower Upper
97 100	
83 85.7	69.0 103.4
85 52.2	42.6 63.8
99 65.5	51.7 77.5



#56
Ethyl methacrylate
Concen: 58.921 ug/l
RT: 10.649 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VD074194.D
Acq: 23 Aug 2022 19:44

Tgt Ion: 69	Resp: 92785
Ion Ratio	Lower Upper
69 100	
41 67.4	63.0 94.6
39 34.3	33.8 50.8





#57

1,3-Dichloropropane

Concen: 55.894 ug/l

RT: 10.932 min Scan# 11

Delta R.T. -0.005 min

Lab File: VD074194.D

Acq: 23 Aug 2022 19:44

Instrument :

MSVOA_D

ClientSampleId :

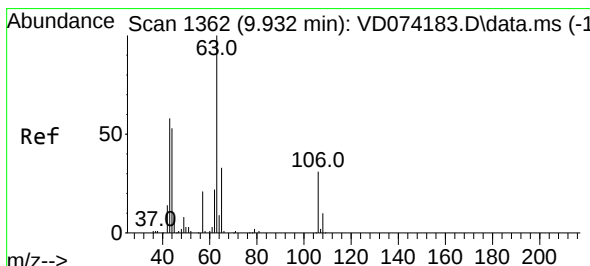
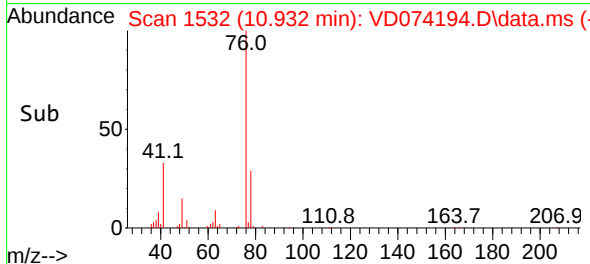
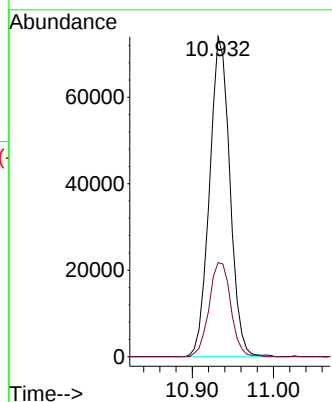
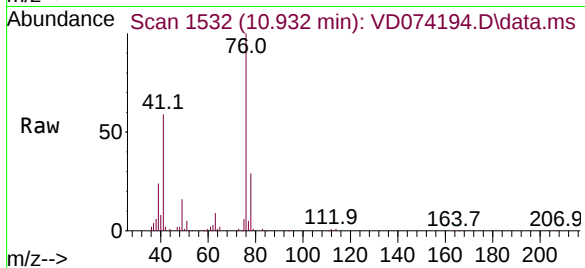
VSTDCCC050EC

Tgt Ion: 76 Resp: 128754

Ion Ratio Lower Upper

76 100

78 31.3 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 245.757 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VD074194.D

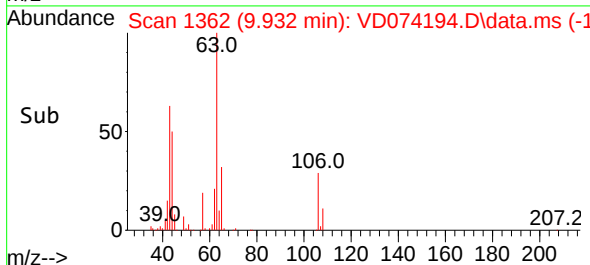
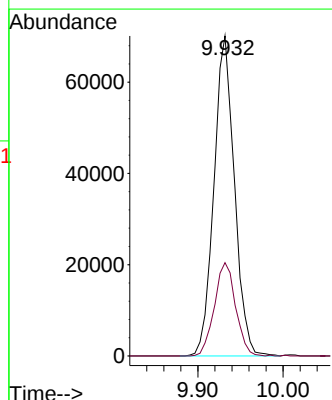
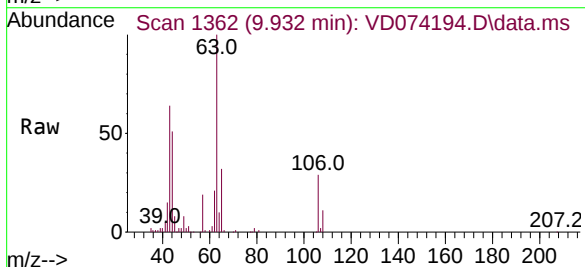
Acq: 23 Aug 2022 19:44

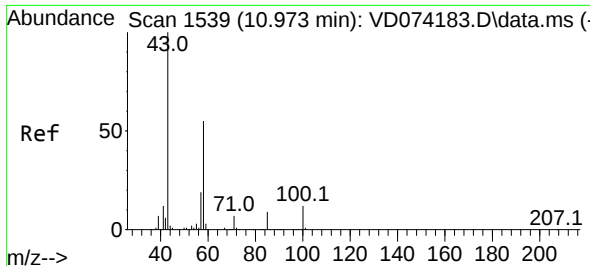
Tgt Ion: 63 Resp: 117146

Ion Ratio Lower Upper

63 100

106 30.2 21.4 32.0

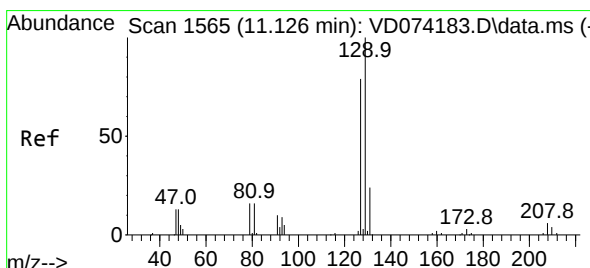
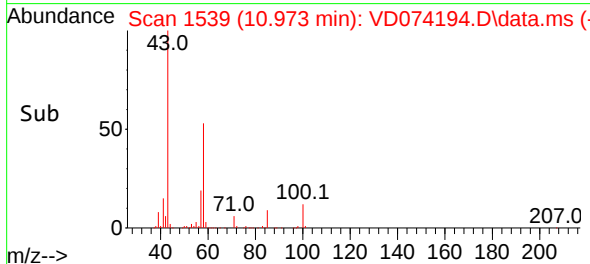
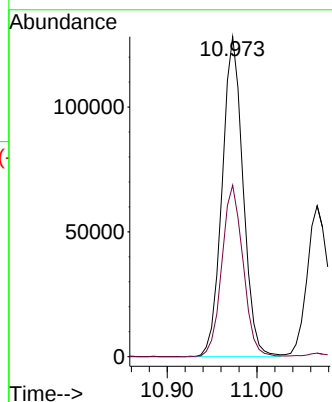
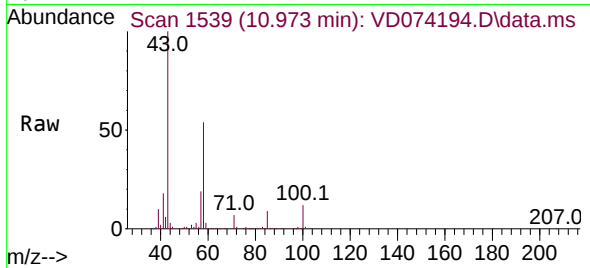




#59
2-Hexanone
Concen: 302.486 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VD074194.D
Acq: 23 Aug 2022 19:44

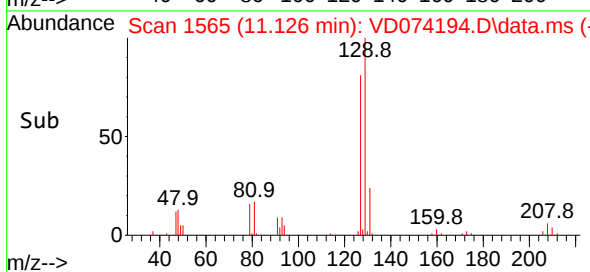
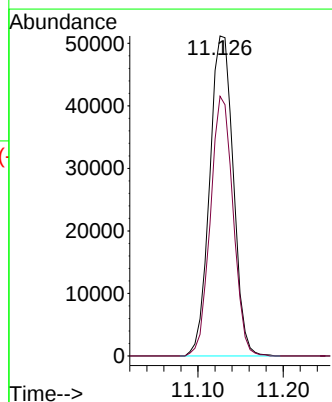
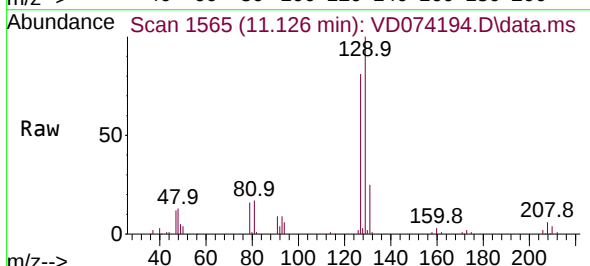
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

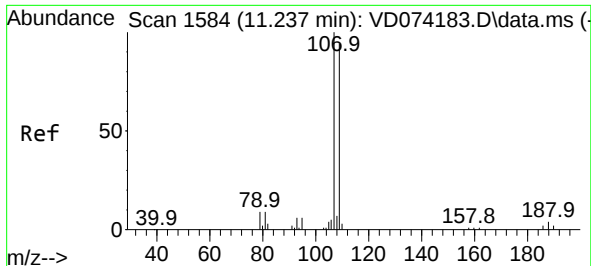
Tgt Ion: 43 Resp: 207481
Ion Ratio Lower Upper
43 100
58 54.3 25.3 75.9



#60
Dibromochloromethane
Concen: 55.051 ug/l
RT: 11.126 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VD074194.D
Acq: 23 Aug 2022 19:44

Tgt Ion: 129 Resp: 98552
Ion Ratio Lower Upper
129 100
127 77.7 39.2 117.6

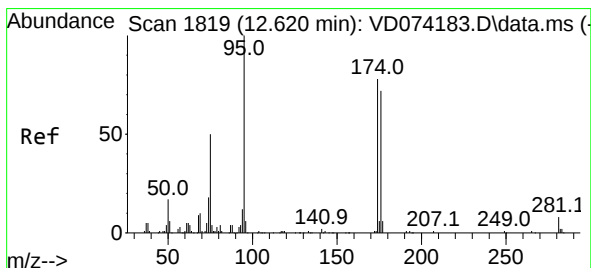
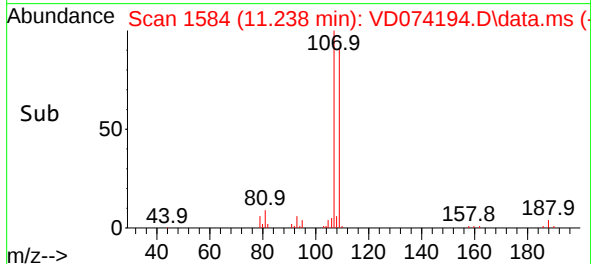
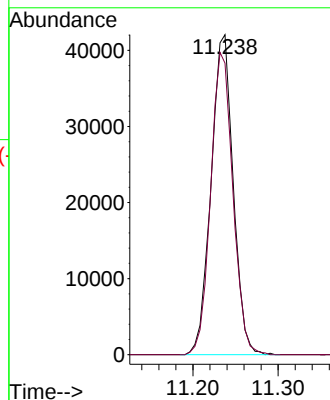
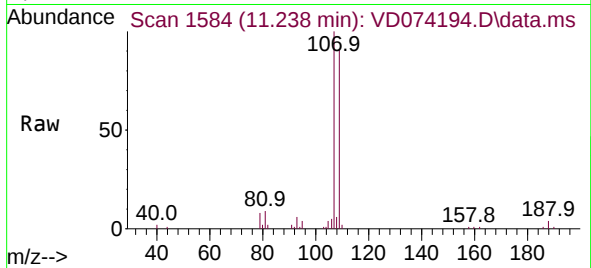




#61
1,2-Dibromoethane
Concen: 56.521 ug/l
RT: 11.238 min Scan# 11
Delta R.T. 0.001 min
Lab File: VD074194.D
Acq: 23 Aug 2022 19:44

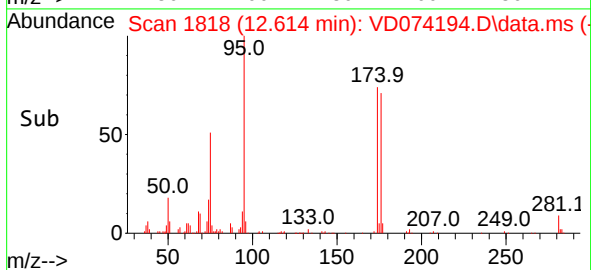
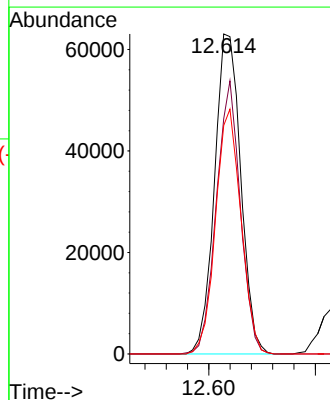
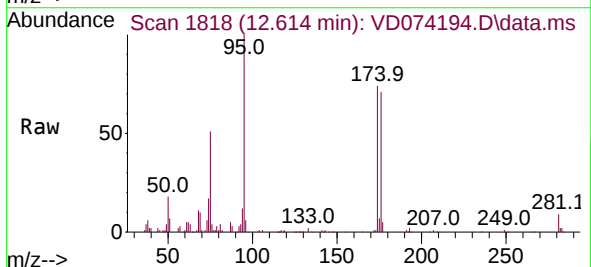
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

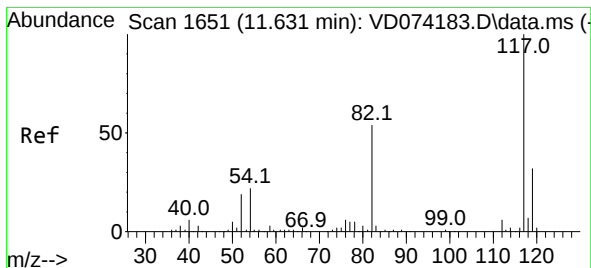
Tgt Ion:107 Resp: 75999
Ion Ratio Lower Upper
107 100
109 94.8 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 49.851 ug/l
RT: 12.614 min Scan# 1818
Delta R.T. -0.006 min
Lab File: VD074194.D
Acq: 23 Aug 2022 19:44

Tgt Ion: 95 Resp: 107672
Ion Ratio Lower Upper
95 100
174 78.0 0.0 152.8
176 74.1 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: VD074194.D

Acq: 23 Aug 2022 19:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

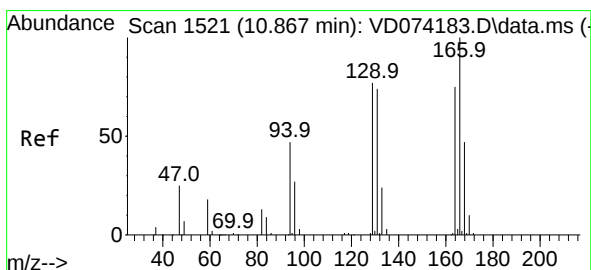
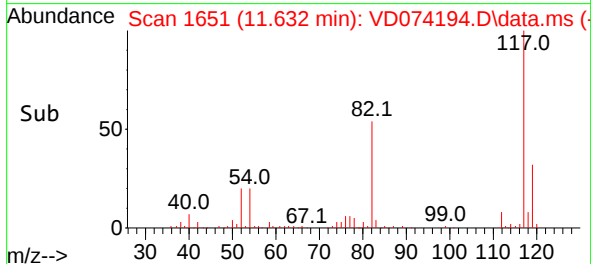
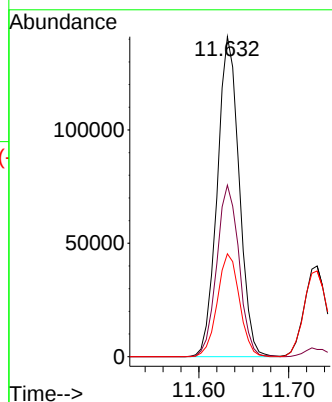
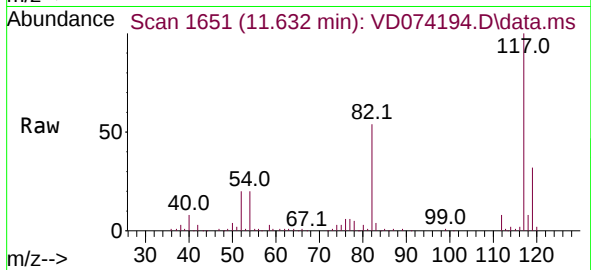
Tgt Ion:117 Resp: 239387

Ion Ratio Lower Upper

117 100

82 53.6 45.3 67.9

119 32.2 26.6 40.0



#64

Tetrachloroethene

Concen: 52.918 ug/l

RT: 10.867 min Scan# 1521

Delta R.T. 0.000 min

Lab File: VD074194.D

Acq: 23 Aug 2022 19:44

Tgt Ion:164 Resp: 92442

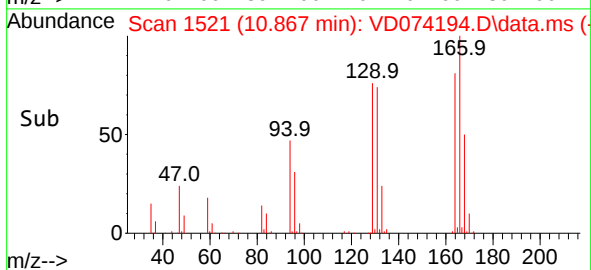
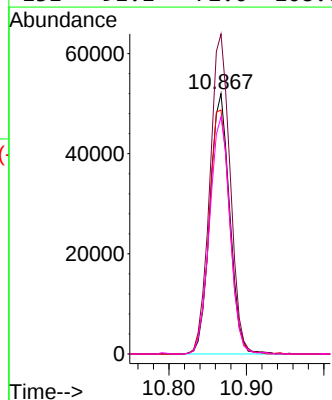
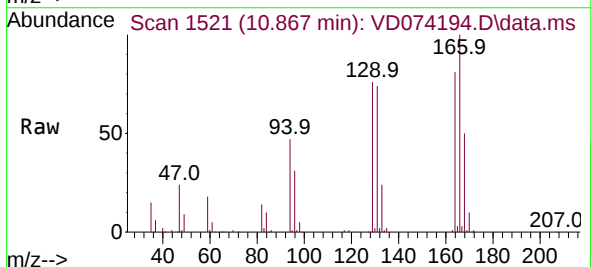
Ion Ratio Lower Upper

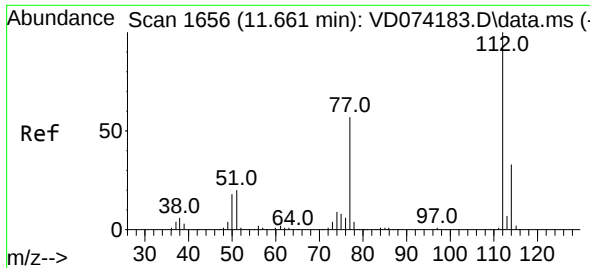
164 100

166 122.9 98.5 147.7

129 93.8 74.6 111.8

131 91.1 72.0 108.0

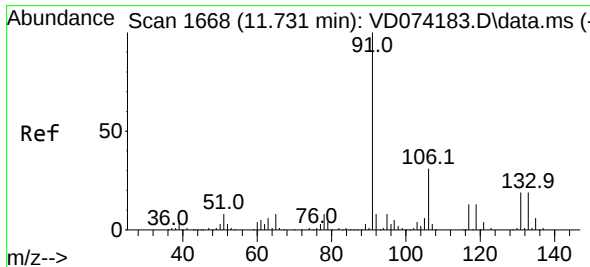
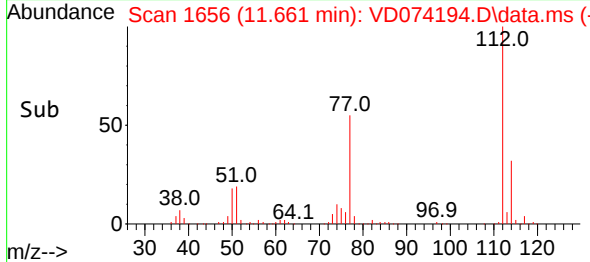
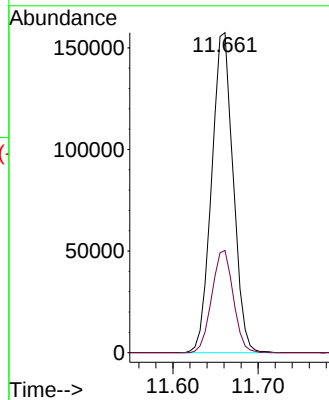
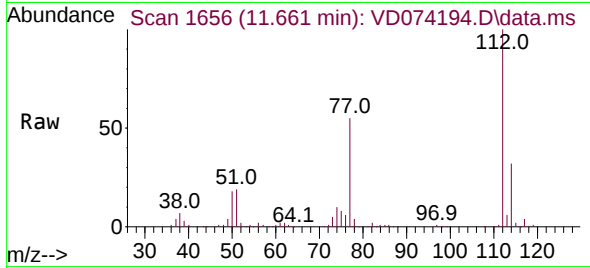




#65
Chlorobenzene
Concen: 52.906 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD074194.D
Acq: 23 Aug 2022 19:44

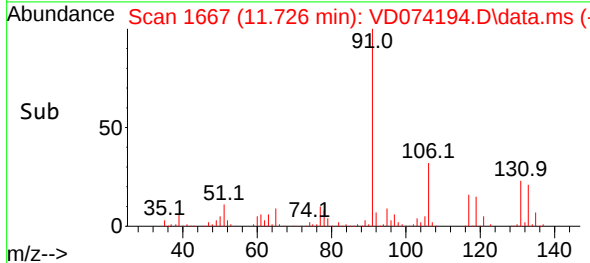
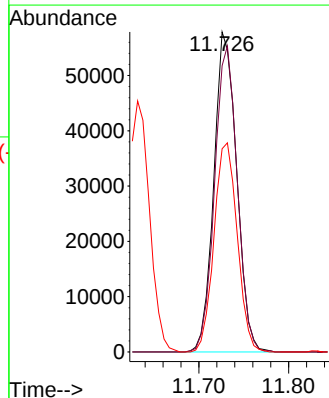
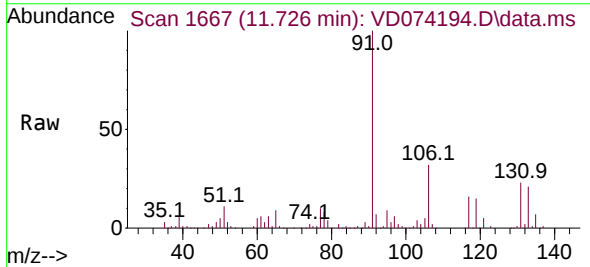
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

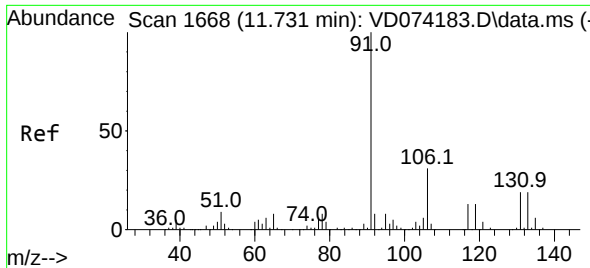
Tgt Ion:112 Resp: 276024
Ion Ratio Lower Upper
112 100
114 32.0 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 52.032 ug/l
RT: 11.726 min Scan# 1667
Delta R.T. -0.005 min
Lab File: VD074194.D
Acq: 23 Aug 2022 19:44

Tgt Ion:131 Resp: 102058
Ion Ratio Lower Upper
131 100
133 95.3 48.1 144.3
119 66.6 31.9 95.9

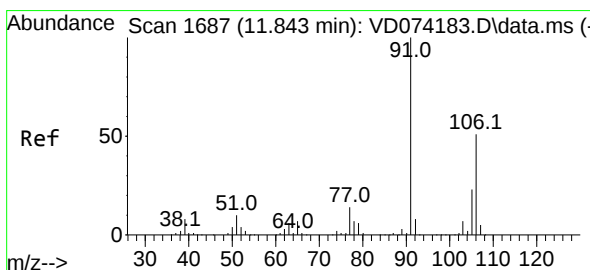
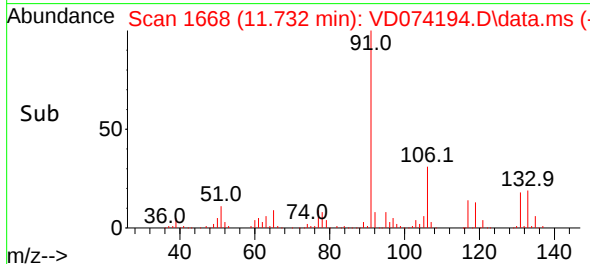
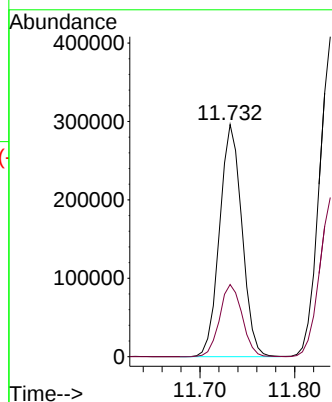
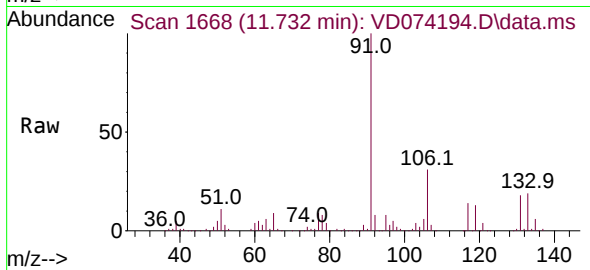




#67
Ethyl Benzene
Concen: 54.438 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. 0.001 min
Lab File: VD074194.D
Acq: 23 Aug 2022 19:44

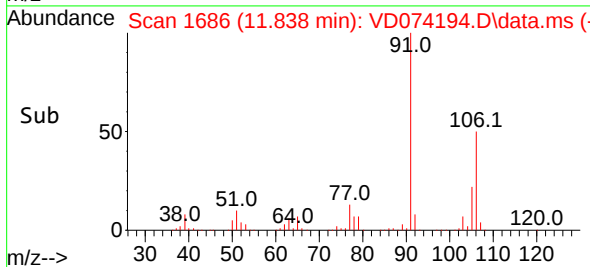
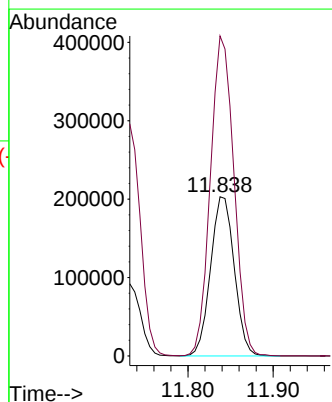
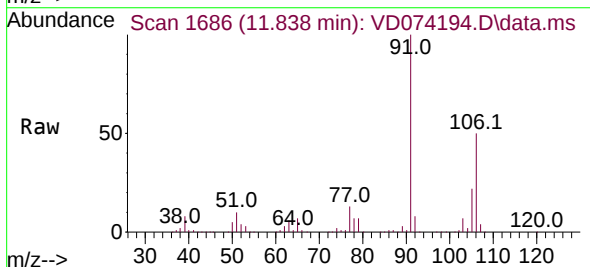
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

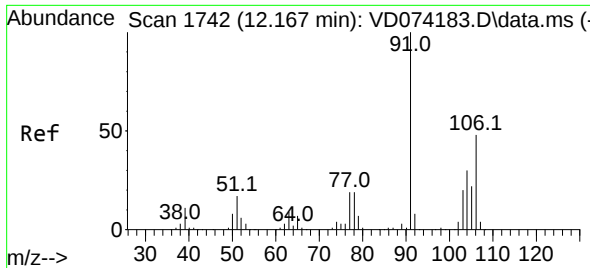
Tgt Ion: 91 Resp: 486071
Ion Ratio Lower Upper
91 100
106 31.1 24.2 36.4



#68
m/p-Xylenes
Concen: 110.441 ug/l
RT: 11.838 min Scan# 1686
Delta R.T. -0.005 min
Lab File: VD074194.D
Acq: 23 Aug 2022 19:44

Tgt Ion: 106 Resp: 392772
Ion Ratio Lower Upper
106 100
91 199.4 163.7 245.5

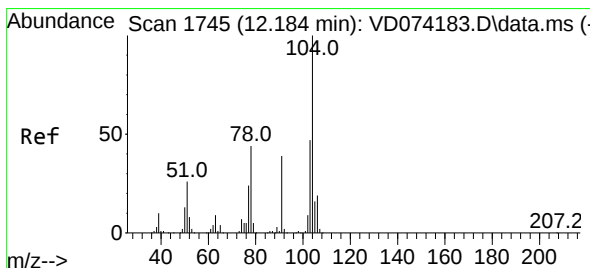
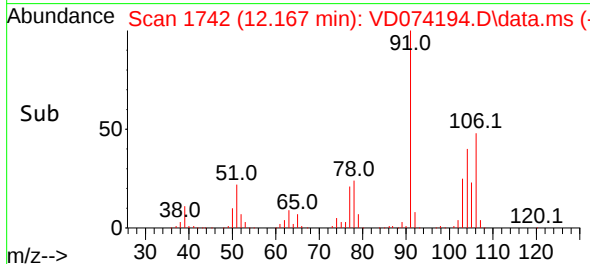
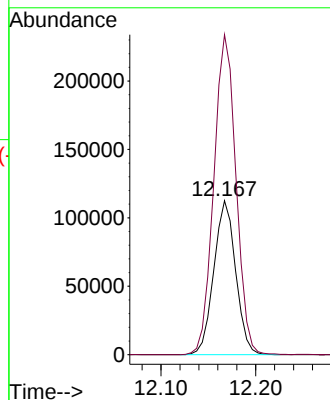
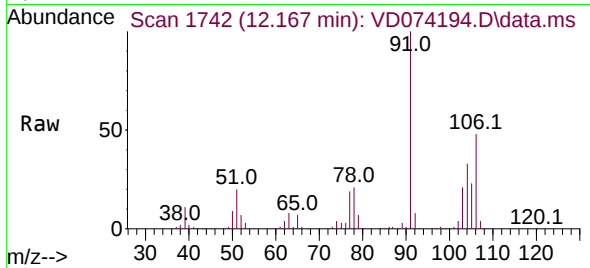




#69
o-Xylene
Concen: 54.915 ug/l
RT: 12.167 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074194.D
Acq: 23 Aug 2022 19:44

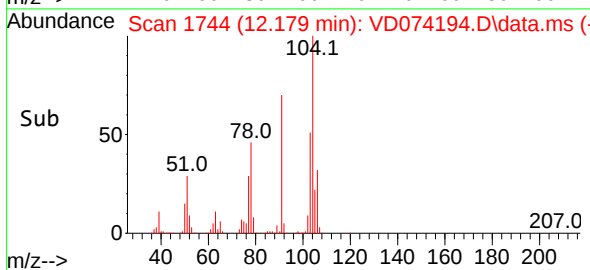
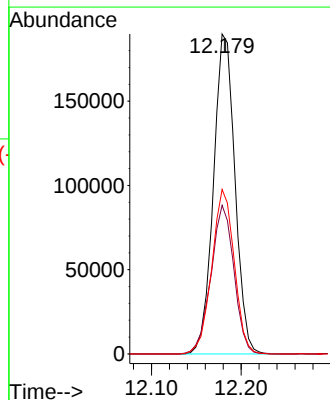
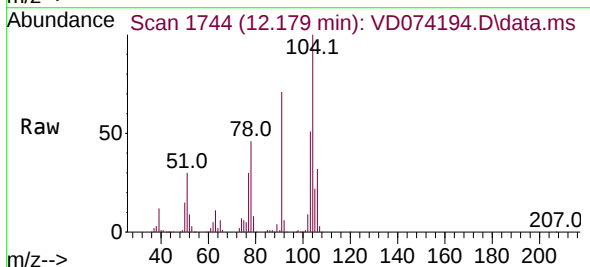
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

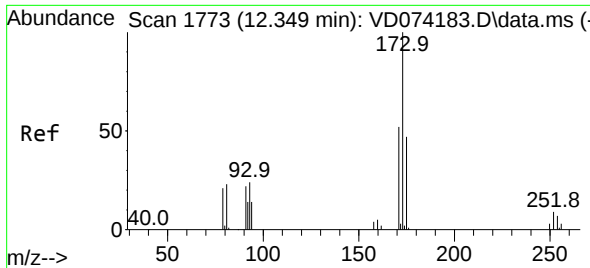
Tgt Ion:106 Resp: 180204
Ion Ratio Lower Upper
106 100
91 211.4 110.4 331.2



#70
Styrene
Concen: 56.162 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. -0.005 min
Lab File: VD074194.D
Acq: 23 Aug 2022 19:44

Tgt Ion:104 Resp: 315973
Ion Ratio Lower Upper
104 100
78 49.6 41.8 62.8
103 53.7 44.2 66.4

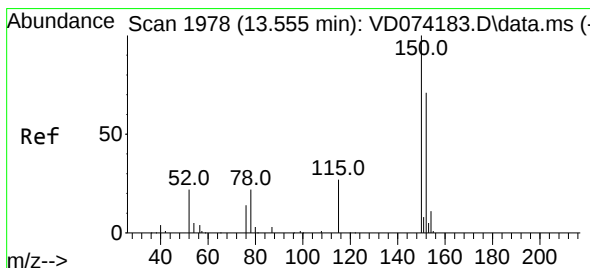
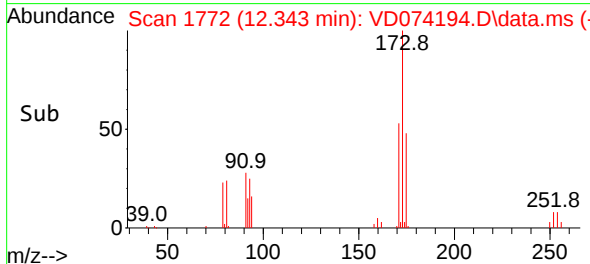
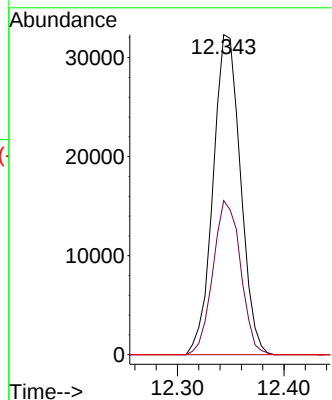
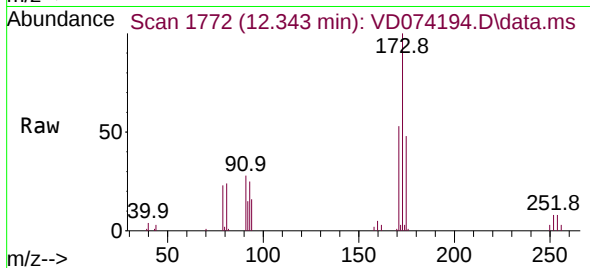




#71
Bromoform
Concen: 54.099 ug/l
RT: 12.343 min Scan# 1772
Delta R.T. -0.006 min
Lab File: VD074194.D
Acq: 23 Aug 2022 19:44

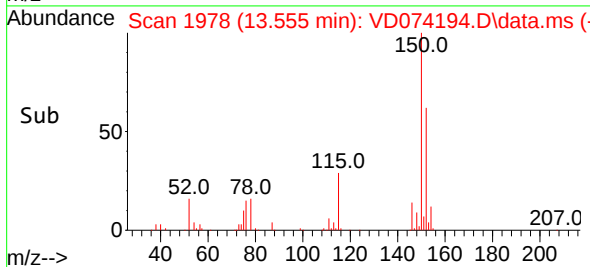
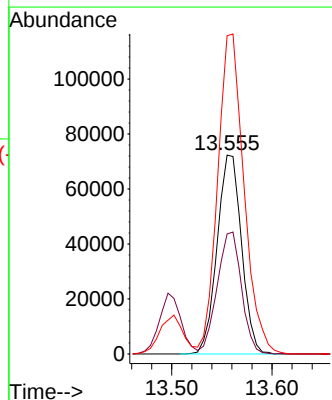
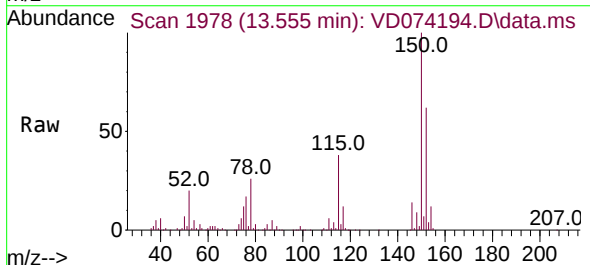
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

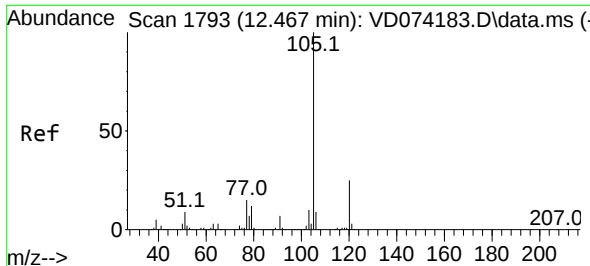
Tgt Ion:173 Resp: 57710
Ion Ratio Lower Upper
173 100
175 48.5 23.9 71.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.555 min Scan# 1978
Delta R.T. 0.000 min
Lab File: VD074194.D
Acq: 23 Aug 2022 19:44

Tgt Ion:152 Resp: 122090
Ion Ratio Lower Upper
152 100
115 60.9 31.3 93.8
150 173.3 0.0 348.6

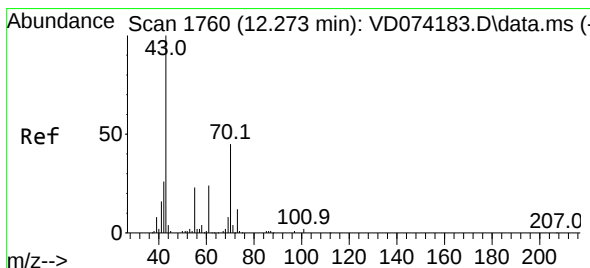
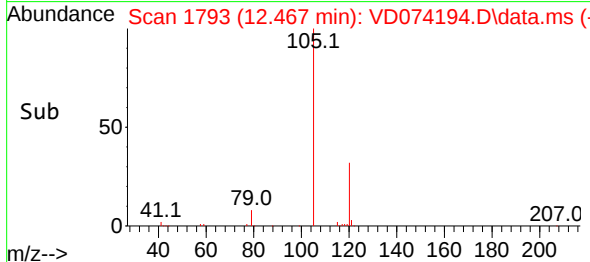
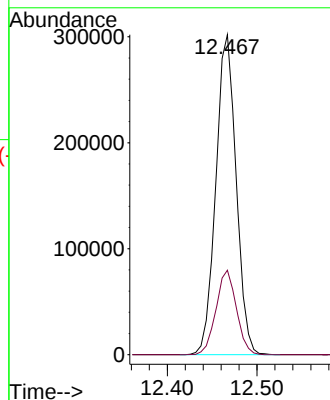
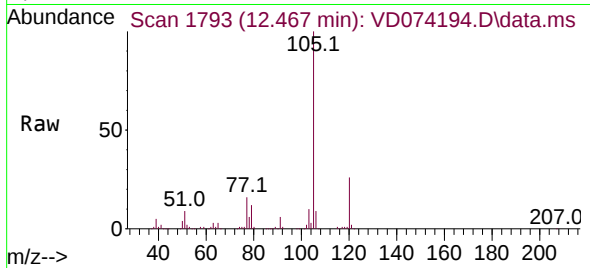




#73
Isopropylbenzene
Concen: 53.624 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD074194.D
Acq: 23 Aug 2022 19:44

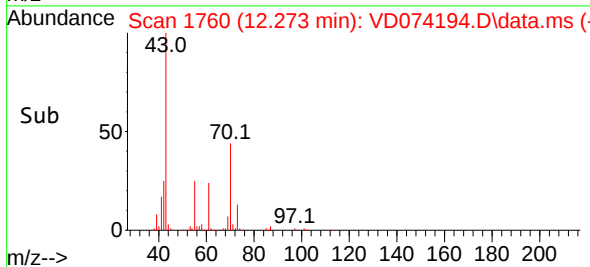
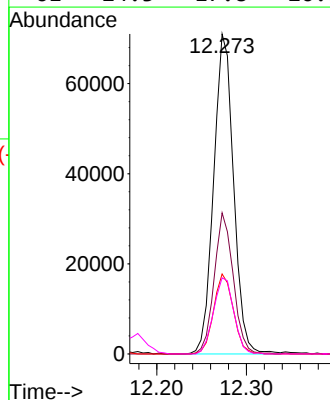
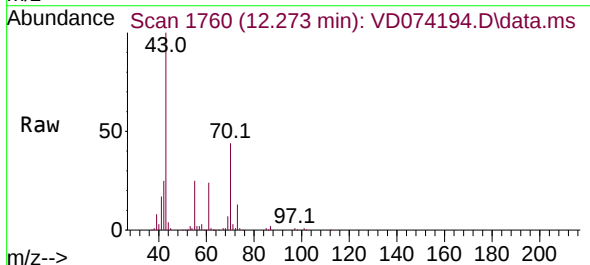
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

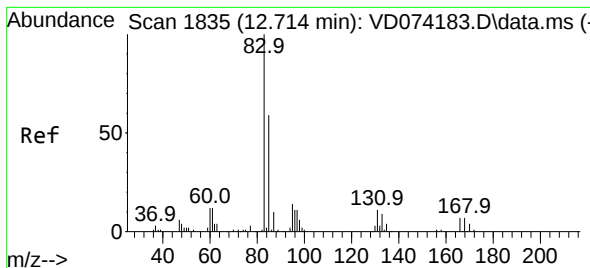
Tgt Ion:105 Resp: 474048
Ion Ratio Lower Upper
105 100
120 26.5 13.0 38.9



#74
N-ethyl acetate
Concen: 56.948 ug/l
RT: 12.273 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VD074194.D
Acq: 23 Aug 2022 19:44

Tgt Ion: 43 Resp: 109512
Ion Ratio Lower Upper
43 100
70 42.2 31.3 46.9
55 24.7 20.0 30.0
61 24.3 17.8 26.8





#75

1,1,2,2-Tetrachloroethane

Concen: 53.861 ug/l

RT: 12.714 min Scan# 1835

Delta R.T. 0.000 min

Lab File: VD074194.D

Acq: 23 Aug 2022 19:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

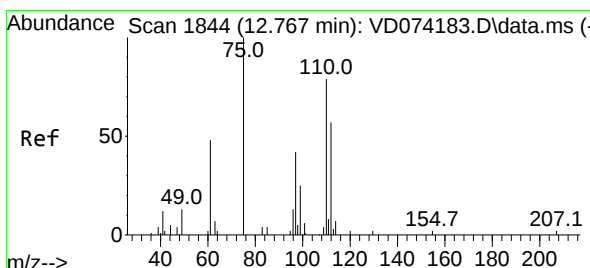
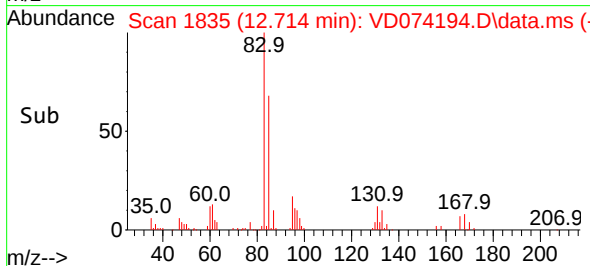
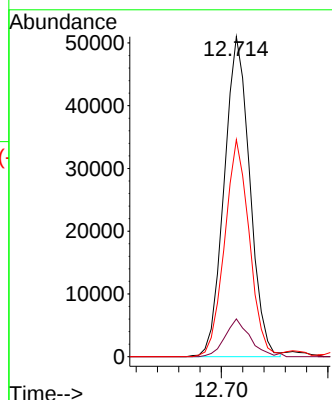
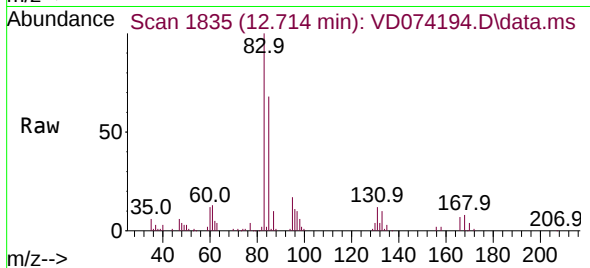
Tgt Ion: 83 Resp: 85039

Ion Ratio Lower Upper

83 100

131 11.6 5.0 14.9

85 65.5 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 89.916 ug/l

RT: 12.767 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VD074194.D

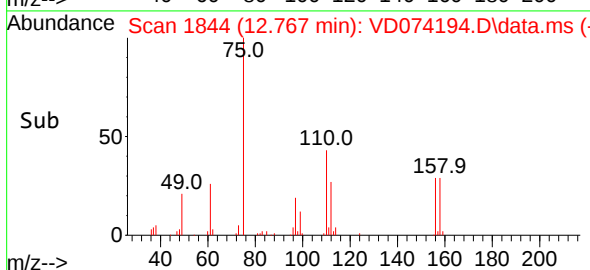
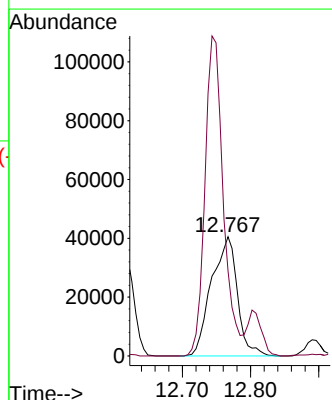
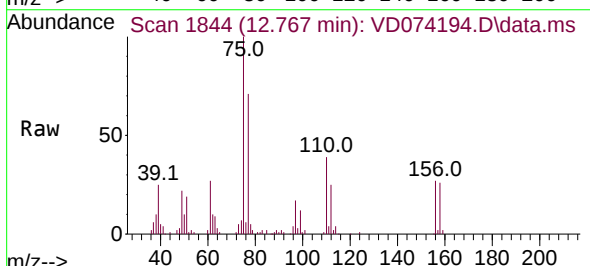
Acq: 23 Aug 2022 19:44

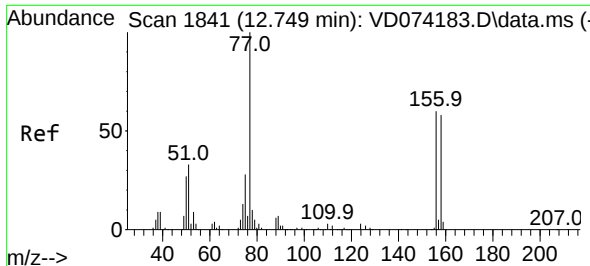
Tgt Ion: 75 Resp: 107190

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

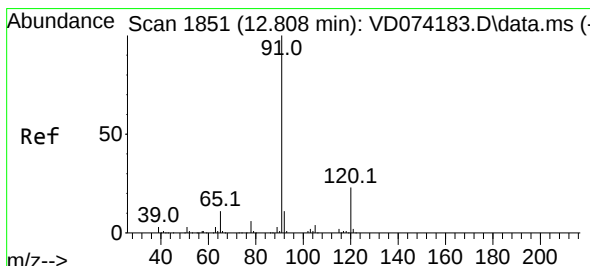
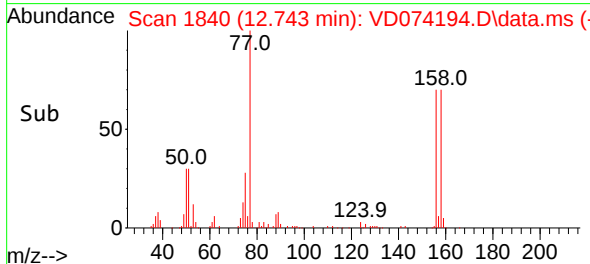
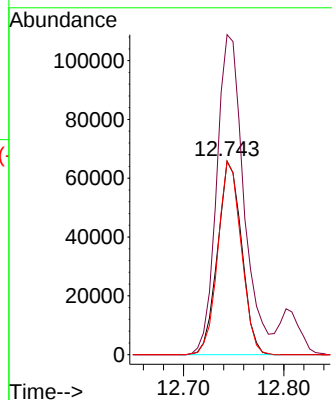
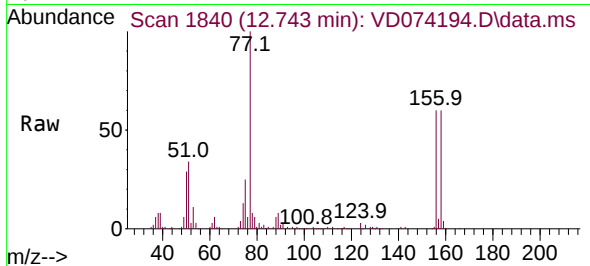




#77
Bromobenzene
Concen: 52.348 ug/l
RT: 12.743 min Scan# 1840
Delta R.T. -0.006 min
Lab File: VD074194.D
Acq: 23 Aug 2022 19:44

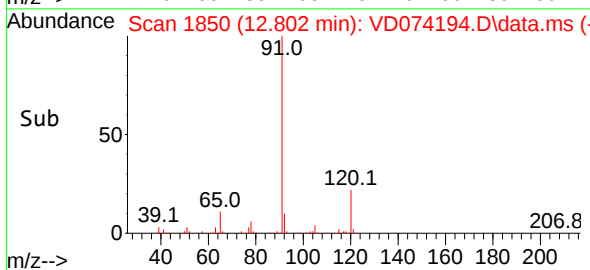
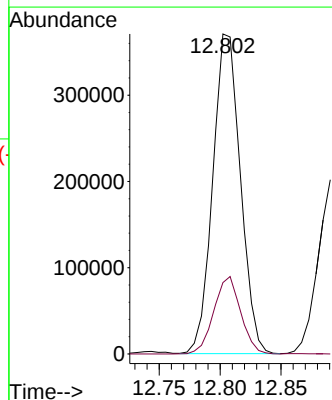
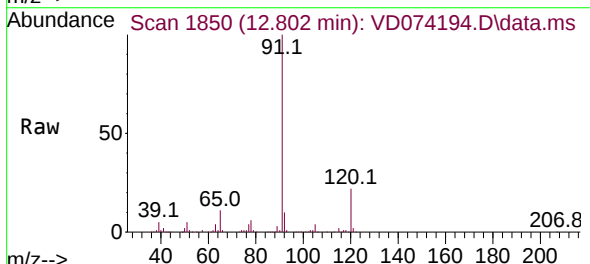
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

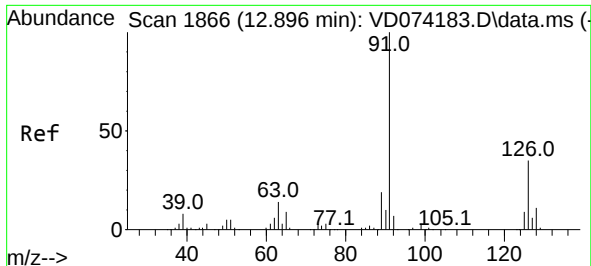
Tgt Ion:156 Resp: 109638
Ion Ratio Lower Upper
156 100
77 185.2 102.8 308.3
158 97.0 48.7 146.1



#78
n-propylbenzene
Concen: 54.163 ug/l
RT: 12.802 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VD074194.D
Acq: 23 Aug 2022 19:44

Tgt Ion: 91 Resp: 585588
Ion Ratio Lower Upper
91 100
120 23.5 10.9 32.9

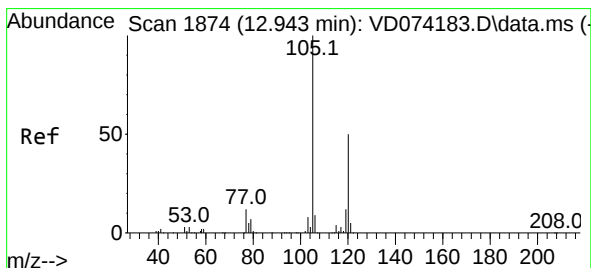
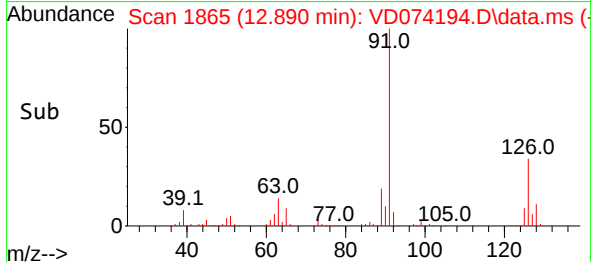
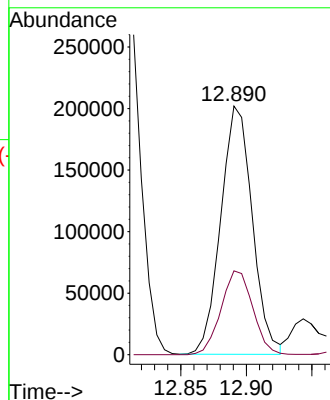
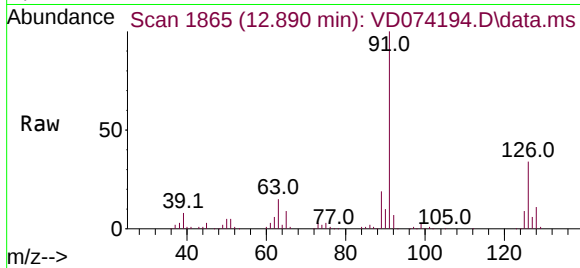




#79
2-Chlorotoluene
Concen: 54.021 ug/l
RT: 12.890 min Scan# 1865
Delta R.T. -0.006 min
Lab File: VD074194.D
Acq: 23 Aug 2022 19:44

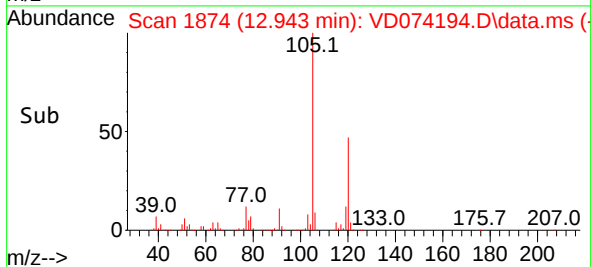
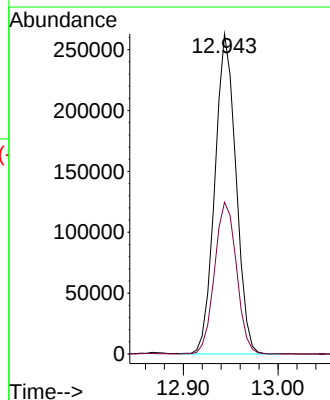
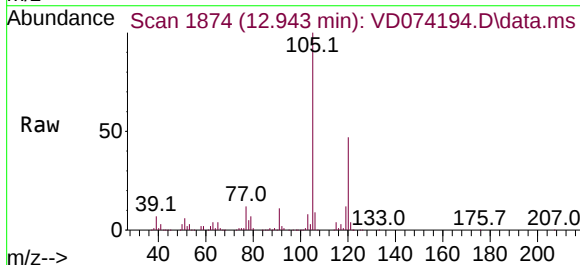
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

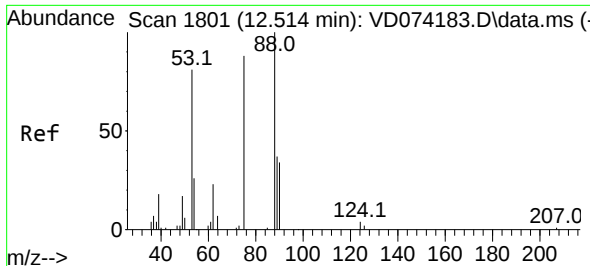
Tgt Ion: 91 Resp: 337252
Ion Ratio Lower Upper
91 100
126 34.0 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 53.549 ug/l
RT: 12.943 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VD074194.D
Acq: 23 Aug 2022 19:44

Tgt Ion:105 Resp: 406684
Ion Ratio Lower Upper
105 100
120 49.3 24.3 72.8

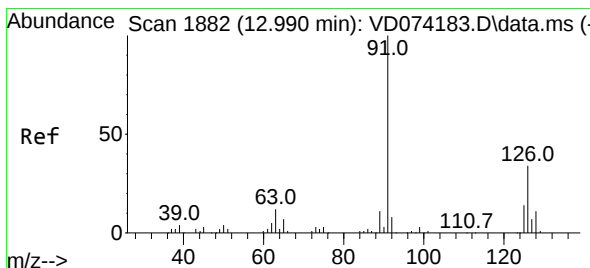
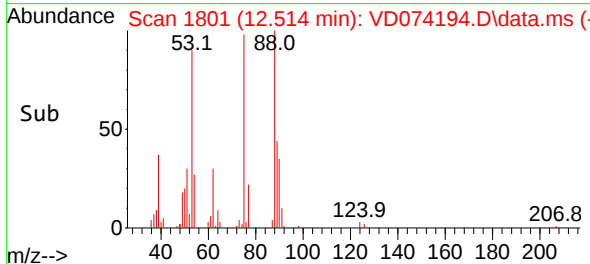
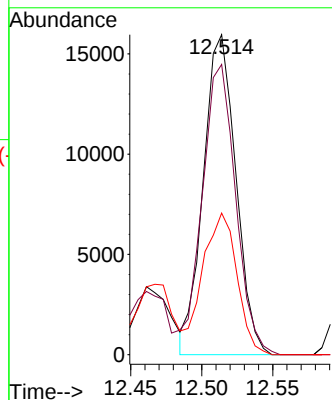
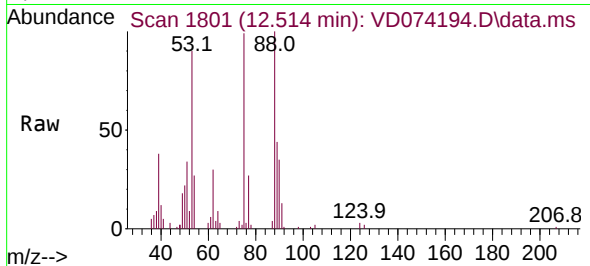




#81
trans-1,4-Dichloro-2-butene
Concen: 54.882 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. 0.000 min
Lab File: VD074194.D
Acq: 23 Aug 2022 19:44

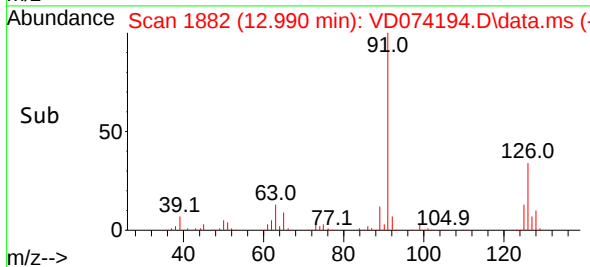
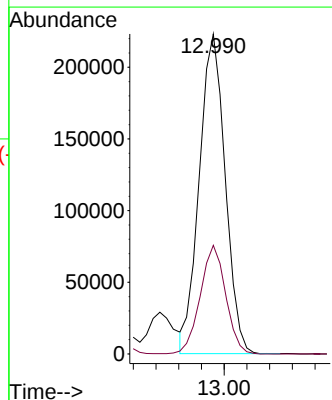
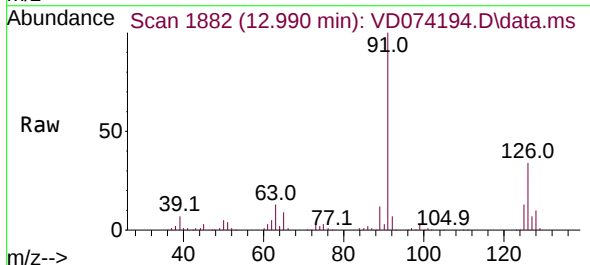
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

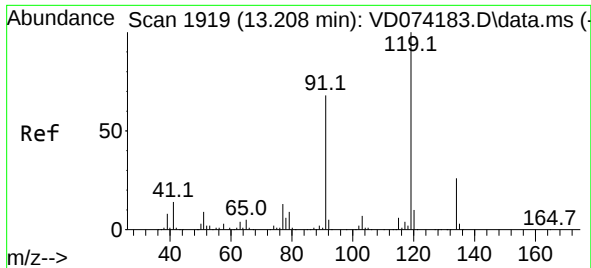
Tgt Ion: 75 Resp: 25441
Ion Ratio Lower Upper
75 100
53 94.2 86.5 129.7
89 46.9 33.9 50.9



#82
4-Chlorotoluene
Concen: 53.461 ug/l
RT: 12.990 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VD074194.D
Acq: 23 Aug 2022 19:44

Tgt Ion: 91 Resp: 353074
Ion Ratio Lower Upper
91 100
126 33.4 16.5 49.5

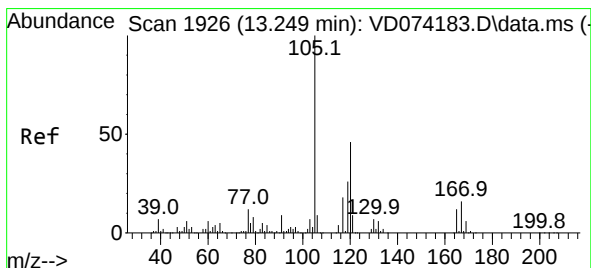
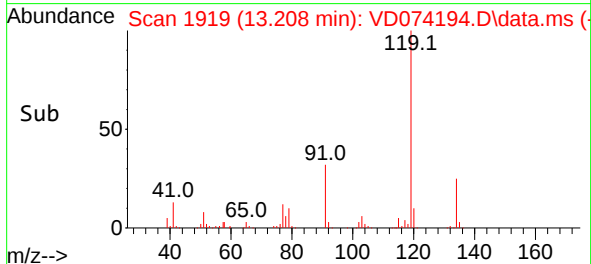
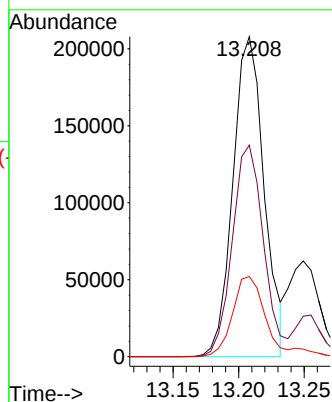
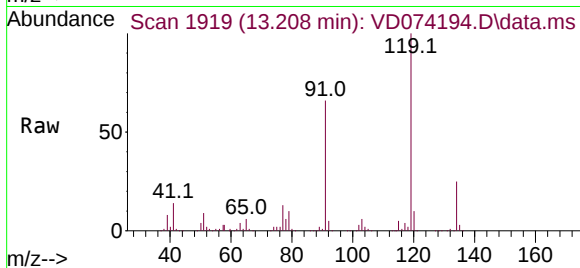




#83
tert-Butylbenzene
Concen: 53.817 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VD074194.D
Acq: 23 Aug 2022 19:44

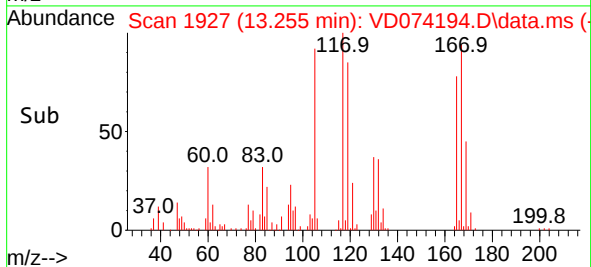
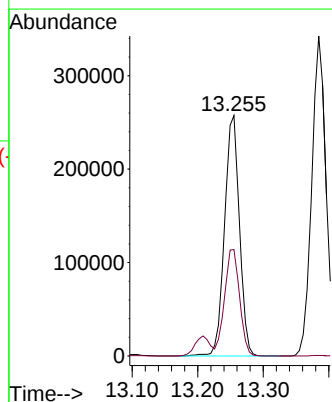
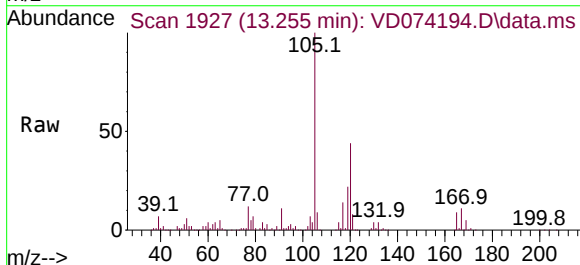
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

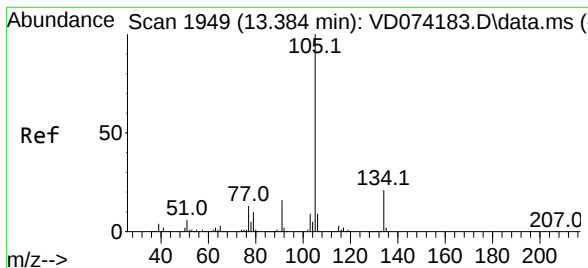
Tgt Ion:119 Resp: 344288
Ion Ratio Lower Upper
119 100
91 66.6 34.8 104.5
134 27.3 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 54.750 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.006 min
Lab File: VD074194.D
Acq: 23 Aug 2022 19:44

Tgt Ion:105 Resp: 404675
Ion Ratio Lower Upper
105 100
120 44.6 22.3 66.8





#85

sec-Butylbenzene

Concen: 53.332 ug/l

RT: 13.385 min Scan# 1949

Delta R.T. 0.001 min

Lab File: VD074194.D

Acq: 23 Aug 2022 19:44

Instrument :

MSVOA_D

ClientSampleId :

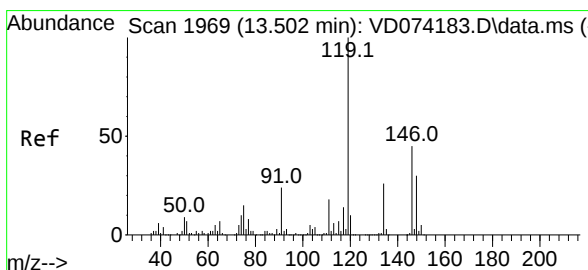
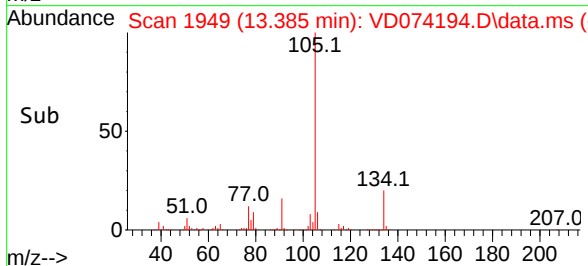
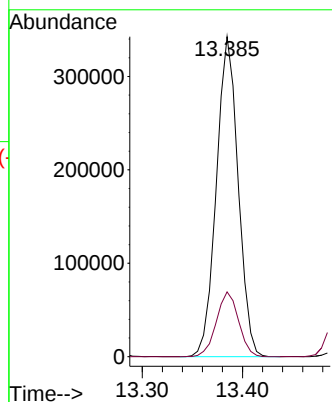
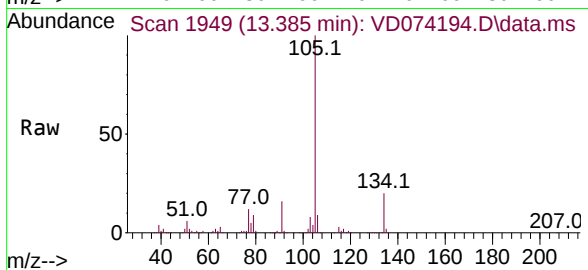
VSTDCCC050EC

Tgt Ion:105 Resp: 515723

Ion Ratio Lower Upper

105 100

134 20.6 9.8 29.3



#86

p-Isopropyltoluene

Concen: 53.844 ug/l

RT: 13.496 min Scan# 1968

Delta R.T. -0.006 min

Lab File: VD074194.D

Acq: 23 Aug 2022 19:44

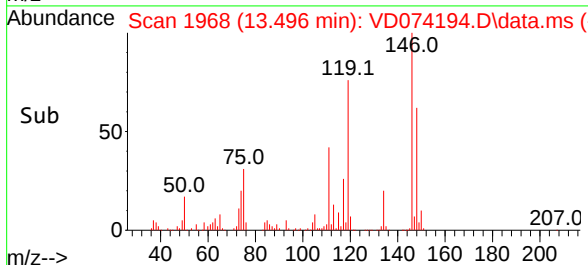
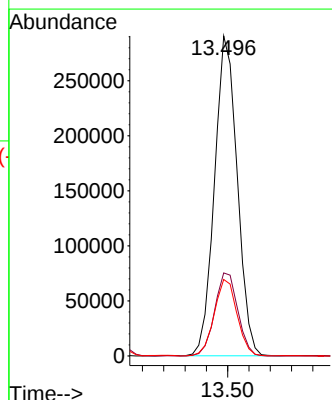
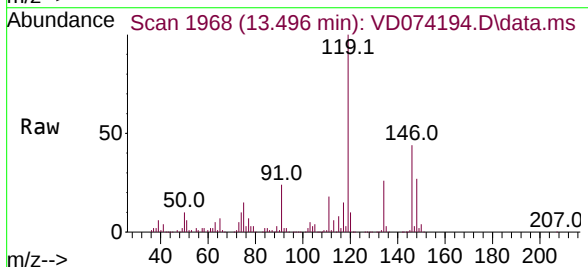
Tgt Ion:119 Resp: 429617

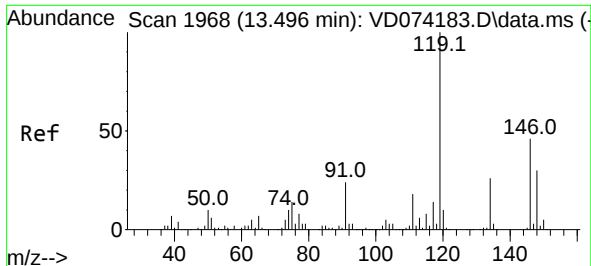
Ion Ratio Lower Upper

119 100

134 26.4 12.9 38.6

91 24.1 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 52.188 ug/l

RT: 13.502 min Scan# 1969

Delta R.T. 0.006 min

Lab File: VD074194.D

Acq: 23 Aug 2022 19:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

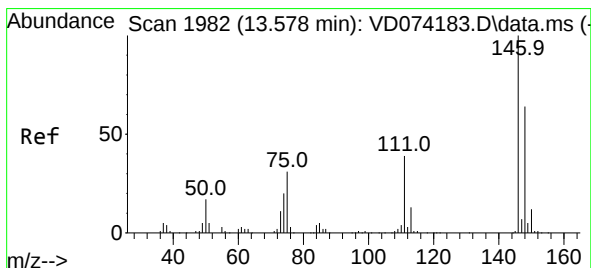
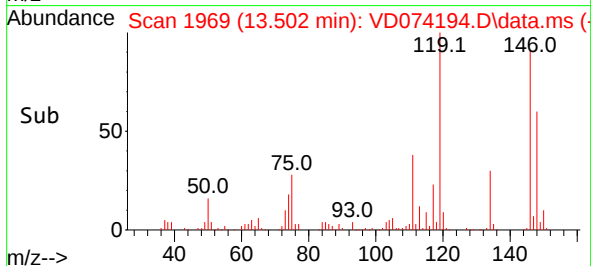
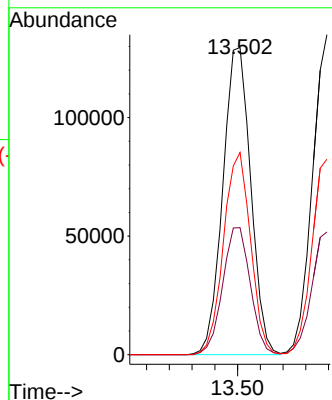
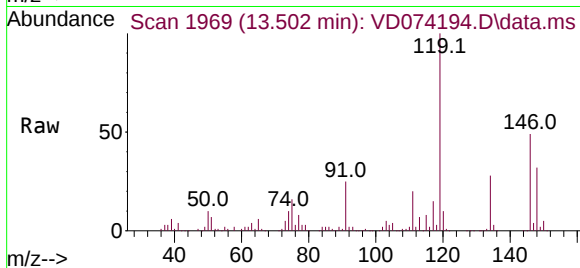
Tgt Ion:146 Resp: 221102

Ion Ratio Lower Upper

146 100

111 41.0 20.4 61.3

148 63.8 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 51.375 ug/l

RT: 13.579 min Scan# 1982

Delta R.T. 0.001 min

Lab File: VD074194.D

Acq: 23 Aug 2022 19:44

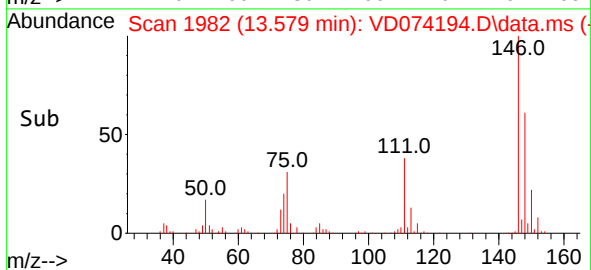
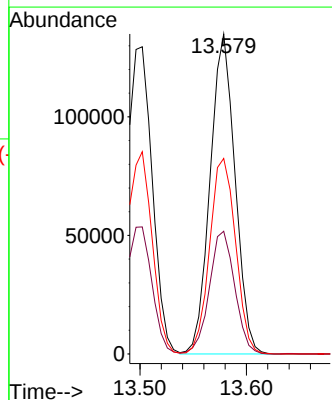
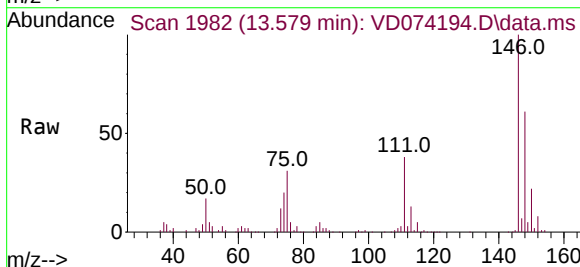
Tgt Ion:146 Resp: 219285

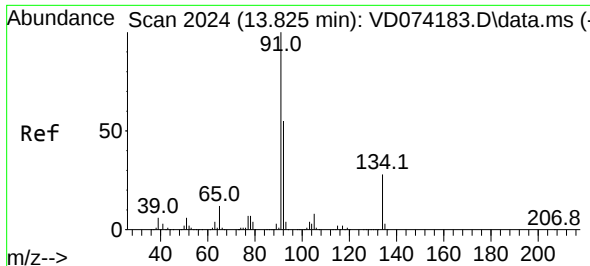
Ion Ratio Lower Upper

146 100

111 39.0 20.3 60.9

148 63.6 31.7 95.1

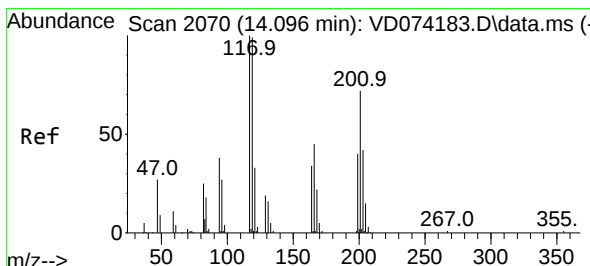
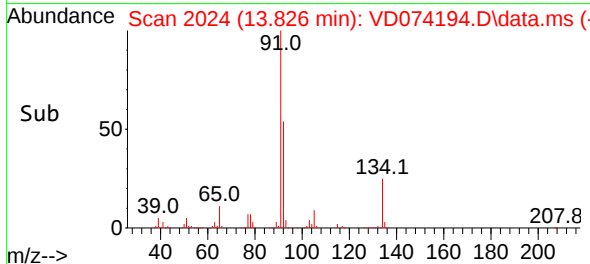
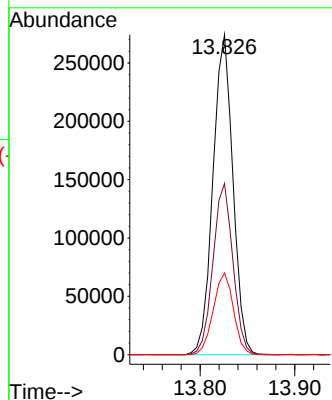
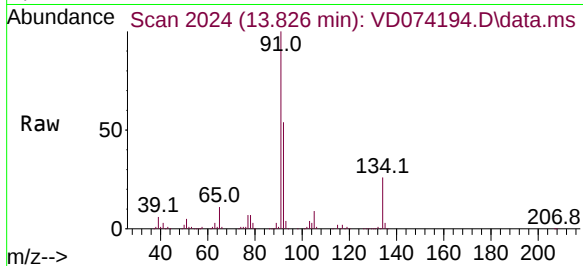




#89
n-Butylbenzene
Concen: 53.243 ug/l
RT: 13.826 min Scan# 2024
Delta R.T. 0.001 min
Lab File: VD074194.D
Acq: 23 Aug 2022 19:44

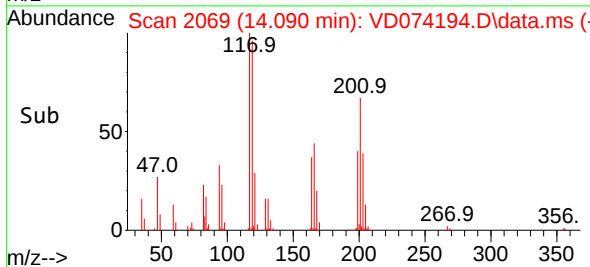
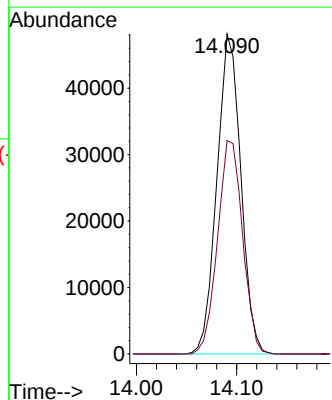
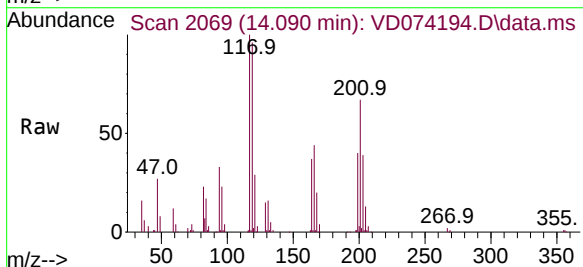
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

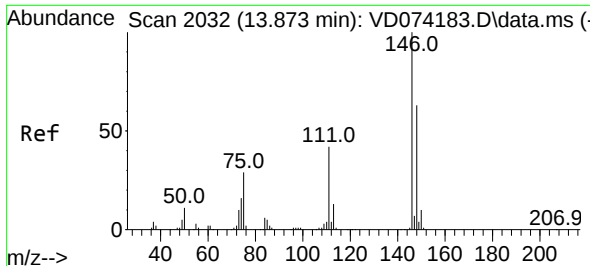
Tgt Ion: 91 Resp: 402642
Ion Ratio Lower Upper
91 100
92 53.3 26.6 79.8
134 25.8 12.3 36.9



#90
Hexachloroethane
Concen: 49.239 ug/l
RT: 14.090 min Scan# 2069
Delta R.T. -0.006 min
Lab File: VD074194.D
Acq: 23 Aug 2022 19:44

Tgt Ion: 117 Resp: 79705
Ion Ratio Lower Upper
117 100
201 69.9 33.4 100.2

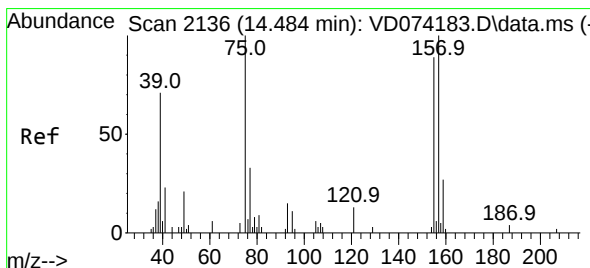
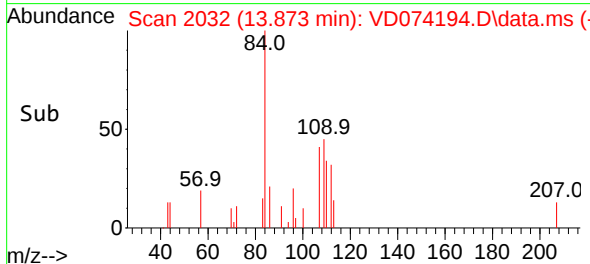
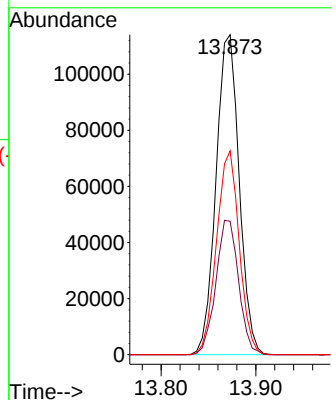
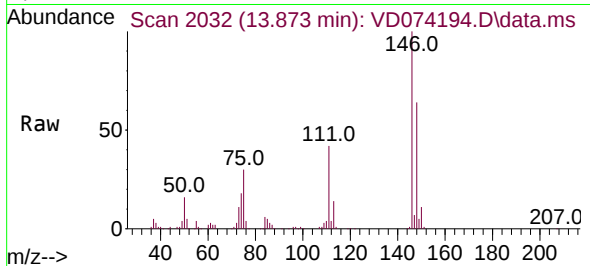




#91
1,2-Dichlorobenzene
Concen: 52.648 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD074194.D
Acq: 23 Aug 2022 19:44

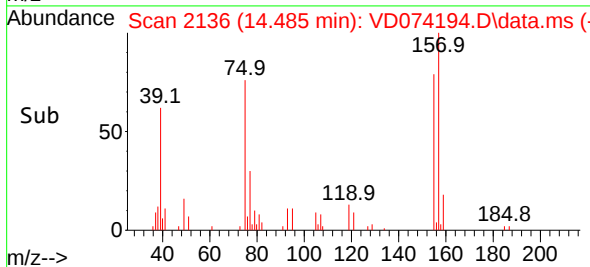
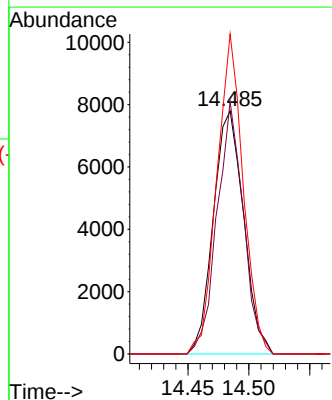
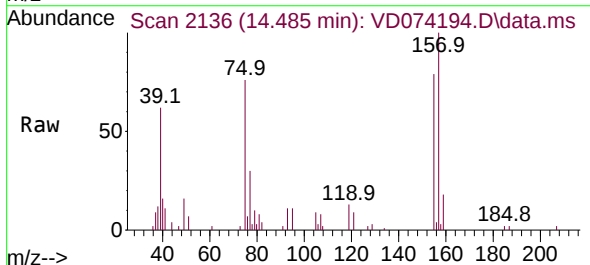
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

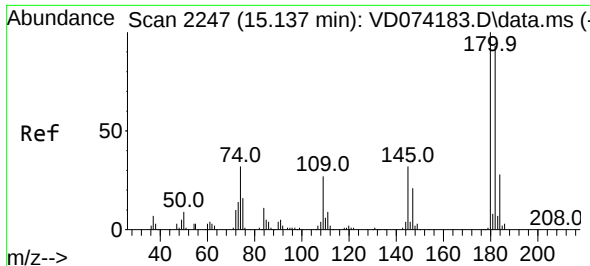
Tgt Ion:146 Resp: 193940
Ion Ratio Lower Upper
146 100
111 41.3 21.1 63.3
148 62.3 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 52.060 ug/l
RT: 14.485 min Scan# 2136
Delta R.T. 0.001 min
Lab File: VD074194.D
Acq: 23 Aug 2022 19:44

Tgt Ion: 75 Resp: 13456
Ion Ratio Lower Upper
75 100
155 90.2 36.8 110.3
157 114.5 48.4 145.0

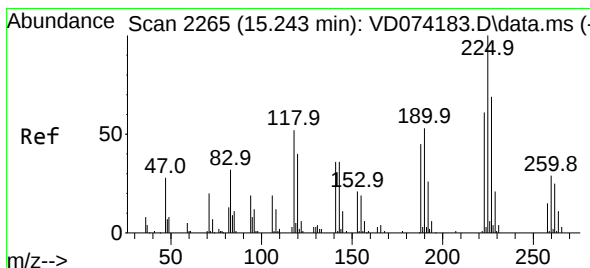
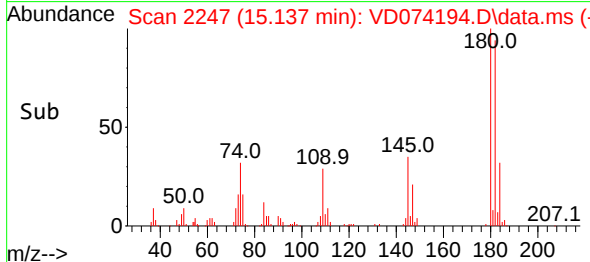
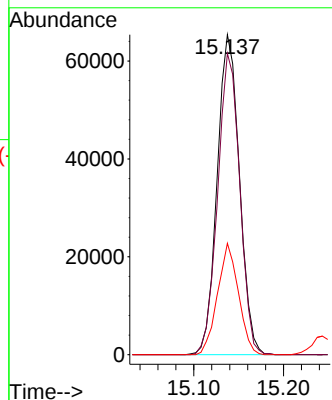
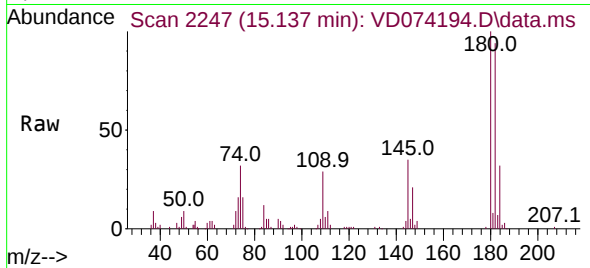




#93
 1,2,4-Trichlorobenzene
 Concen: 50.083 ug/l
 RT: 15.137 min Scan# 2247
 Delta R.T. 0.000 min
 Lab File: VD074194.D
 Acq: 23 Aug 2022 19:44

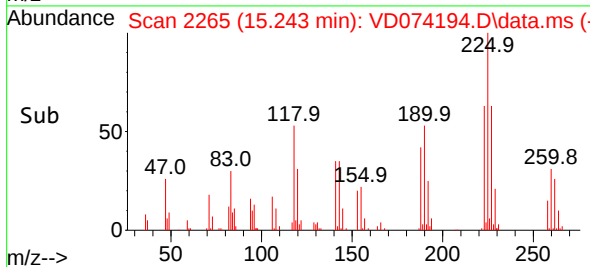
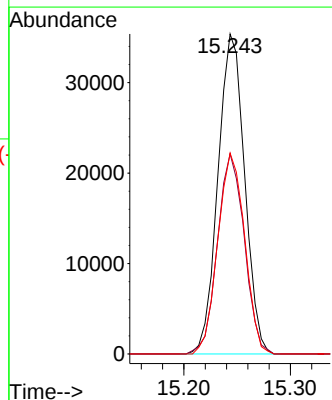
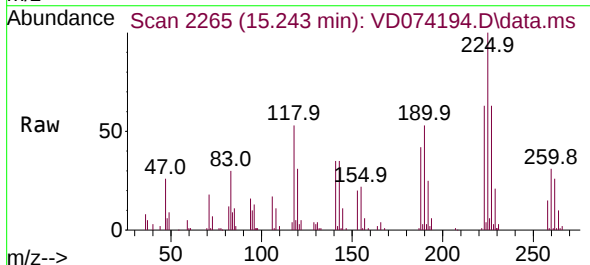
Instrument :
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 ClientSampleId :
 VSTDCCC050EC

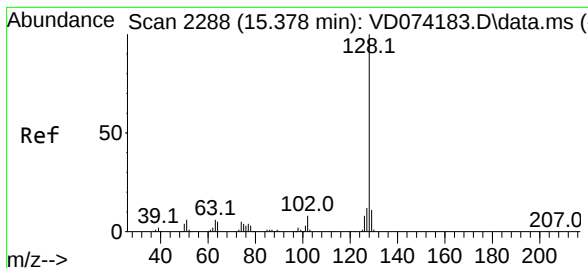
Tgt Ion:180 Resp: 112596
 Ion Ratio Lower Upper
 180 100
 182 93.3 47.3 142.0
 145 32.7 16.2 48.5



#94
 Hexachlorobutadiene
 Concen: 48.699 ug/l
 RT: 15.243 min Scan# 2265
 Delta R.T. 0.000 min
 Lab File: VD074194.D
 Acq: 23 Aug 2022 19:44

Tgt Ion:225 Resp: 61443
 Ion Ratio Lower Upper
 225 100
 223 62.9 31.1 93.2
 227 63.2 32.4 97.0

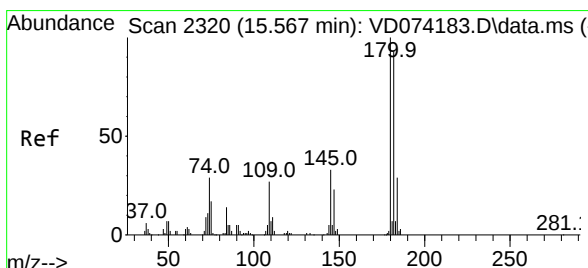
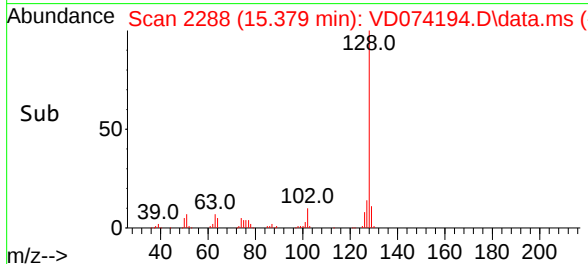
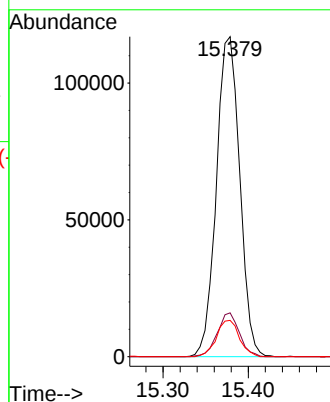
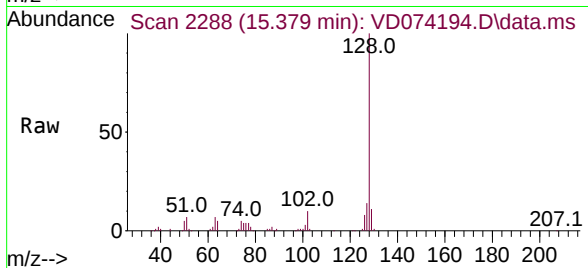




#95
Naphthalene
Concen: 48.963 ug/l
RT: 15.379 min Scan# 211
Delta R.T. 0.001 min
Lab File: VD074194.D
Acq: 23 Aug 2022 19:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 222527
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.2 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 51.098 ug/l
RT: 15.567 min Scan# 2320
Delta R.T. -0.000 min
Lab File: VD074194.D
Acq: 23 Aug 2022 19:44

Tgt Ion:180 Resp: 100189
Ion Ratio Lower Upper
180 100
182 95.4 47.6 142.9
145 33.9 17.1 51.3

