

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022522\
 Data File : VD072091.D
 Acq On : 25 Feb 2022 10:06
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 26 05:39:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 19 04:05:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	484302	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	782428	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	716585	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	357626	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	250848	49.934	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.860%
35) Dibromofluoromethane	7.908	113	240636	50.762	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.520%
50) Toluene-d8	10.338	98	931575	52.991	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.980%
62) 4-Bromofluorobenzene	12.626	95	327521	50.719	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.440%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	193285	42.329	ug/l	96
3) Chloromethane	2.209	50	200766	48.576	ug/l	95
4) Vinyl Chloride	2.350	62	191204	46.383	ug/l	99
5) Bromomethane	2.768	94	125695	48.664	ug/l	94
6) Chloroethane	2.920	64	123207	47.287	ug/l	99
7) Trichlorofluoromethane	3.273	101	368773	46.240	ug/l	93
8) Diethyl Ether	3.709	74	103725	45.623	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.097	101	222476	44.649	ug/l	97
10) Methyl Iodide	4.303	142	214276	39.626	ug/l	98
11) Tert butyl alcohol	5.220	59	64836	226.199	ug/l	97
12) 1,1-Dichloroethene	4.067	96	205844	46.511	ug/l	97
13) Acrolein	3.920	56	104141	184.250	ug/l	97
14) Allyl chloride	4.715	41	352384	45.432	ug/l	97
15) Acrylonitrile	5.414	53	272893	222.087	ug/l	99
16) Acetone	4.156	43	253897	233.856	ug/l	96
17) Carbon Disulfide	4.409	76	553105	44.965	ug/l	100
18) Methyl Acetate	4.715	43	117024	42.239	ug/l	98
19) Methyl tert-butyl Ether	5.479	73	520120	48.309	ug/l	99
20) Methylene Chloride	4.967	84	244097	45.174	ug/l	97
21) trans-1,2-Dichloroethene	5.473	96	238435	47.947	ug/l	97
22) Diisopropyl ether	6.361	45	775011	47.851	ug/l	98
23) Vinyl Acetate	6.303	43	2168632	250.732	ug/l	99
24) 1,1-Dichloroethane	6.261	63	456328	47.359	ug/l	98
25) 2-Butanone	7.208	43	343488	228.906	ug/l	99
26) 2,2-Dichloropropane	7.208	77	384799	49.907	ug/l	100
27) cis-1,2-Dichloroethene	7.208	96	275616	48.374	ug/l	100
28) Bromochloromethane	7.544	49	192563	46.880	ug/l	97
29) Tetrahydrofuran	7.556	42	214425	223.903	ug/l	99
30) Chloroform	7.708	83	478657	48.384	ug/l	100
31) Cyclohexane	7.985	56	384502	43.332	ug/l	98
32) 1,1,1-Trichloroethane	7.897	97	416260	48.894	ug/l	98
36) 1,1-Dichloropropene	8.108	75	349429	48.662	ug/l	99
37) Ethyl Acetate	7.285	43	146461	43.984	ug/l	95
38) Carbon Tetrachloride	8.091	117	372020	50.547	ug/l	99
39) Methylcyclohexane	9.350	83	394378	46.925	ug/l	99
40) Benzene	8.350	78	989201	48.819	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	79387	38.446	ug/l	94
42) 1,2-Dichloroethane	8.420	62	292904	48.190	ug/l	100
43) Isopropyl Acetate	8.450	43	284709	45.915	ug/l	100
44) Trichloroethene	9.108	130	268621	48.640	ug/l	97
45) 1,2-Dichloropropane	9.385	63	255110	47.199	ug/l	95
46) Dibromomethane	9.467	93	133182	46.692	ug/l	99
47) Bromodichloromethane	9.655	83	354588	48.192	ug/l	100
48) Methyl methacrylate	9.450	41	142909	45.624	ug/l #	91
49) 1,4-Dioxane	9.455	88	31422	928.627	ug/l	98
51) 4-Methyl-2-Pentanone	10.220	43	764294	232.574	ug/l	99
52) Toluene	10.397	92	645916	49.812	ug/l	100
53) t-1,3-Dichloropropene	10.614	75	341577	50.760	ug/l	98
54) cis-1,3-Dichloropropene	10.085	75	389917	48.957	ug/l	98
55) 1,1,2-Trichloroethane	10.791	97	196858	49.043	ug/l	98
56) Ethyl methacrylate	10.655	69	236853	49.412	ug/l	97
57) 1,3-Dichloropropane	10.938	76	331512	47.784	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	514953	240.131	ug/l	99
59) 2-Hexanone	10.979	43	540931	241.325	ug/l	98
60) Dibromochloromethane	11.132	129	243560	48.589	ug/l	98
61) 1,2-Dibromoethane	11.238	107	180904	47.162	ug/l	99
64) Tetrachloroethene	10.873	164	230973	51.054	ug/l	98
65) Chlorobenzene	11.667	112	690685	49.732	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	256861	49.832	ug/l	99
67) Ethyl Benzene	11.738	91	1251014	51.228	ug/l	100
68) m/p-Xylenes	11.844	106	978123	104.629	ug/l	98
69) o-Xylene	12.173	106	454805	51.717	ug/l	97
70) Styrene	12.191	104	787133	52.157	ug/l	100
71) Bromoform	12.349	173	143361	48.494	ug/l	98
73) Isopropylbenzene	12.473	105	1239080	50.462	ug/l	100
74) N-amyl acetate	12.279	43	270412	45.606	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.720	83	216704	44.637	ug/l	97
76) 1,2,3-Trichloropropane	12.773	75	281026	82.959	ug/l #	100
77) Bromobenzene	12.749	156	279794	48.658	ug/l	99
78) n-propylbenzene	12.814	91	1511480	50.080	ug/l	99
79) 2-Chlorotoluene	12.902	91	865081	49.523	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	1052873	51.351	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.520	75	70721	52.280	ug/l	98
82) 4-Chlorotoluene	12.996	91	893193	49.129	ug/l	100
83) tert-Butylbenzene	13.214	119	903410	51.282	ug/l	99
84) 1,2,4-Trimethylbenzene	13.261	105	1047860	51.988	ug/l	99
85) sec-Butylbenzene	13.390	105	1351959	50.380	ug/l	100
86) p-Isopropyltoluene	13.508	119	1135131	51.428	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	563765	48.501	ug/l	98
88) 1,4-Dichlorobenzene	13.585	146	554870	47.508	ug/l	99
89) n-Butylbenzene	13.832	91	1071560	51.055	ug/l	99
90) Hexachloroethane	14.096	117	210760	47.571	ug/l	100
91) 1,2-Dichlorobenzene	13.879	146	495546	48.615	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	34243	45.277	ug/l	97
93) 1,2,4-Trichlorobenzene	15.149	180	312564	49.921	ug/l	98
94) Hexachlorobutadiene	15.255	225	173940	50.521	ug/l	100
95) Naphthalene	15.385	128	563174	49.548	ug/l	100
96) 1,2,3-Trichlorobenzene	15.579	180	276559	51.209	ug/l	98

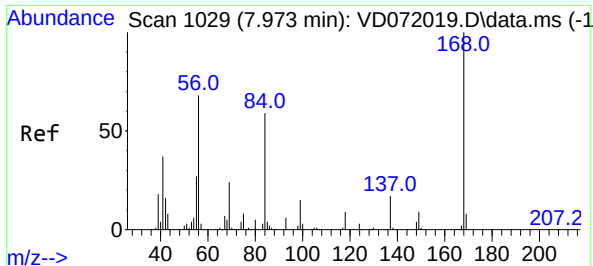
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022522\
Data File : VD072091.D
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Quant Title : SW846 8260
QLast Update : Sat Feb 19 04:05:38 2022
Response via : Initial Calibration

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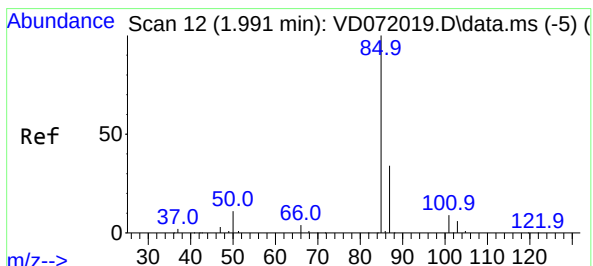
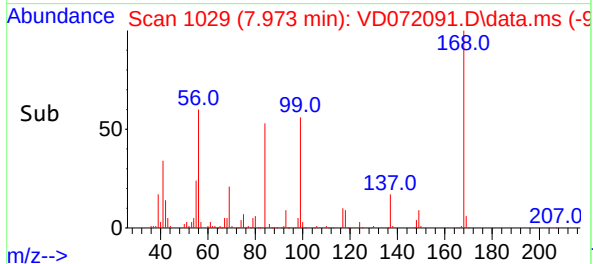
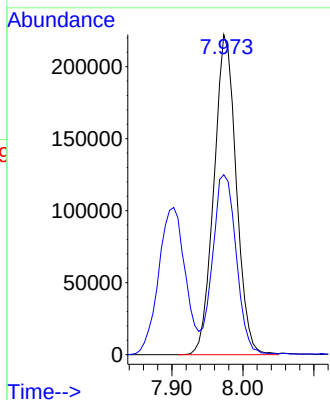
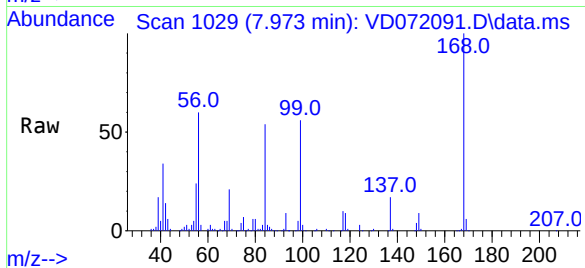
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD072091.D
Acq: 25 Feb 2022 10:06

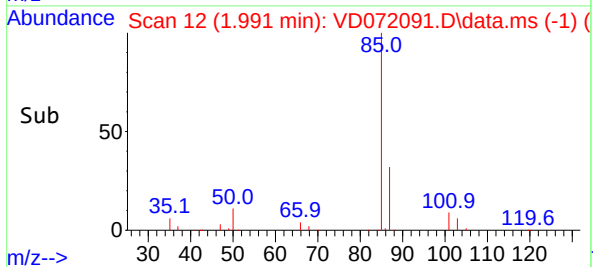
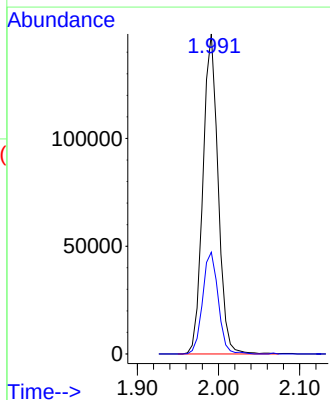
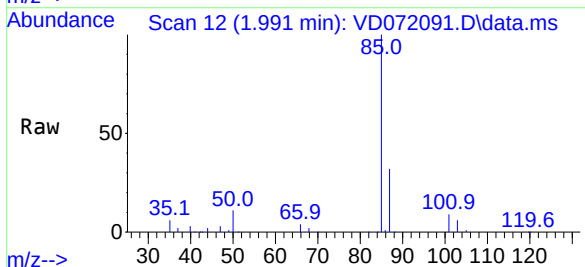
Instrument :
MSVOA_D
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VSTDCCC050

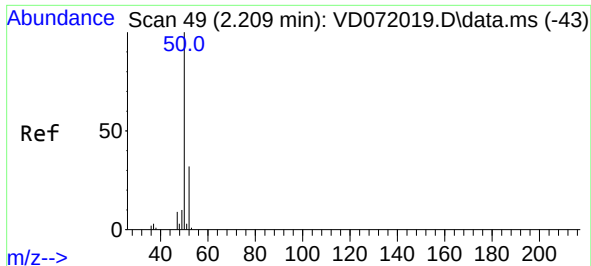
Tgt Ion:168 Resp: 484302
Ion Ratio Lower Upper
168 100
99 56.0 47.1 70.7



#2
Dichlorodifluoromethane
Concen: 42.329 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD072091.D
Acq: 25 Feb 2022 10:06

Tgt Ion: 85 Resp: 193285
Ion Ratio Lower Upper
85 100
87 31.8 17.0 51.0

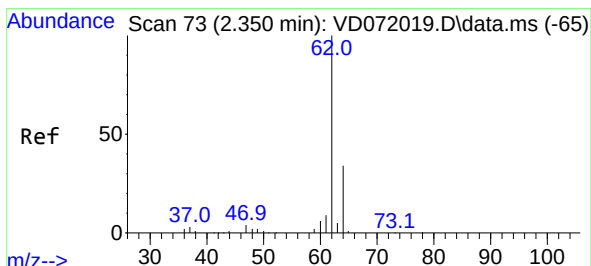
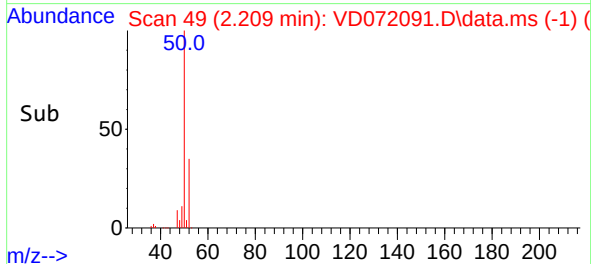
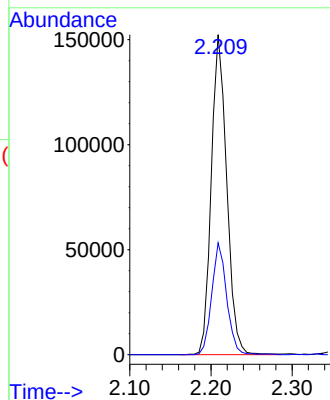
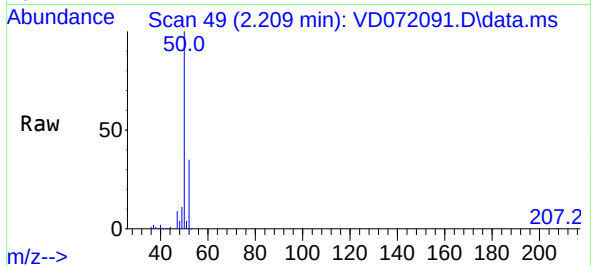




#3
Chloromethane
Concen: 48.576 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD072091.D
Acq: 25 Feb 2022 10:06

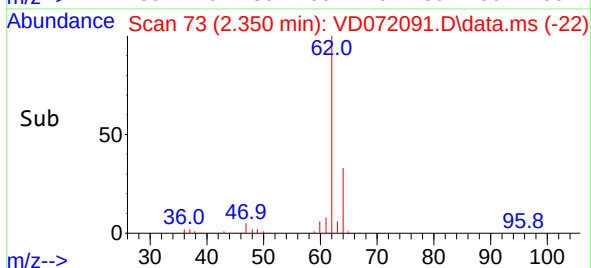
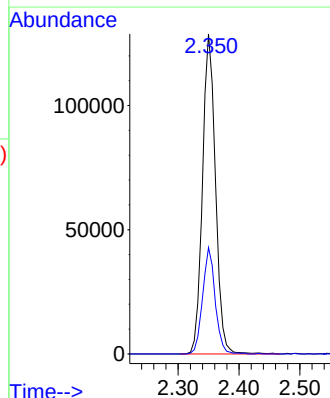
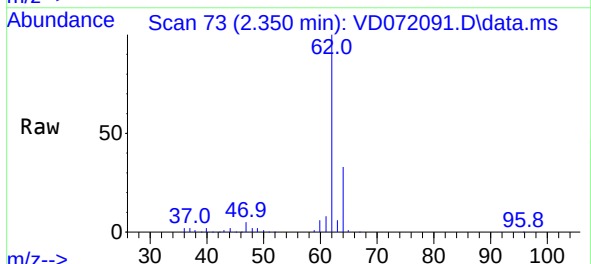
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

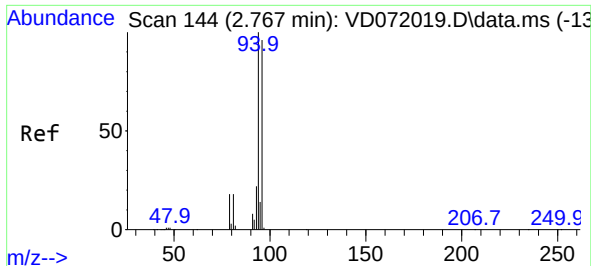
Tgt Ion: 50 Resp: 200766
Ion Ratio Lower Upper
50 100
52 35.0 25.5 38.3



#4
Vinyl Chloride
Concen: 46.383 ug/l
RT: 2.350 min Scan# 73
Delta R.T. -0.000 min
Lab File: VD072091.D
Acq: 25 Feb 2022 10:06

Tgt Ion: 62 Resp: 191204
Ion Ratio Lower Upper
62 100
64 33.2 27.0 40.6

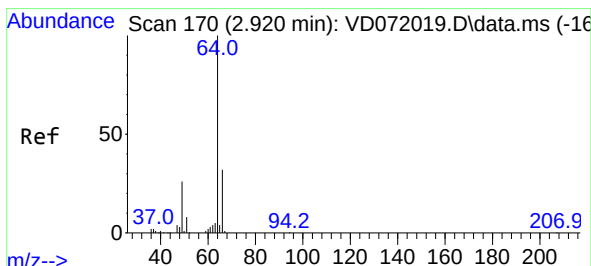
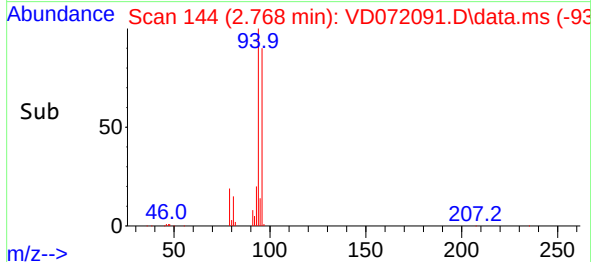
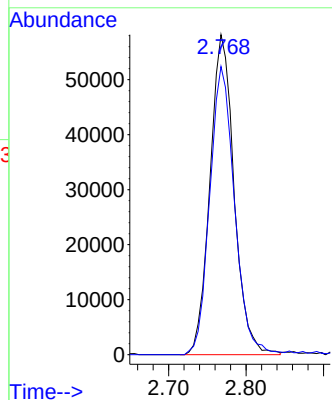
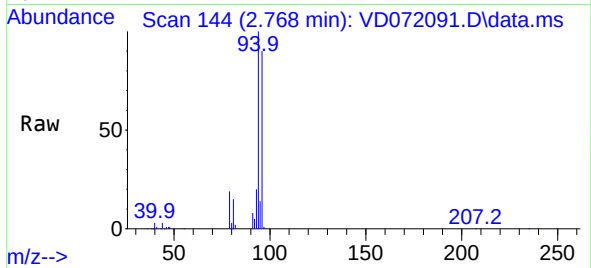




#5
Bromomethane
Concen: 48.664 ug/l
RT: 2.768 min Scan# 144
Delta R.T. 0.001 min
Lab File: VD072091.D
Acq: 25 Feb 2022 10:06

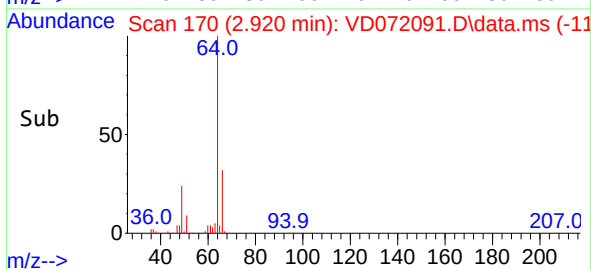
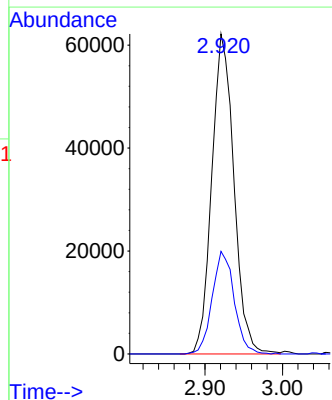
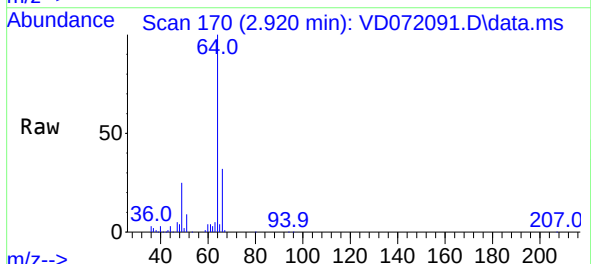
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 94 Resp: 125695
Ion Ratio Lower Upper
94 100
96 90.0 76.8 115.2

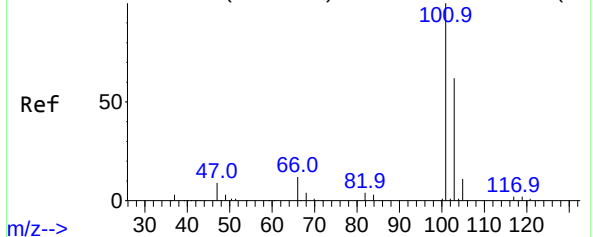


#6
Chloroethane
Concen: 47.287 ug/l
RT: 2.920 min Scan# 170
Delta R.T. 0.000 min
Lab File: VD072091.D
Acq: 25 Feb 2022 10:06

Tgt Ion: 64 Resp: 123207
Ion Ratio Lower Upper
64 100
66 32.0 25.9 38.9



Abundance Scan 230 (3.273 min): VD072019.D\data.ms (-21



#7

Trichlorofluoromethane

Concen: 46.240 ug/l

RT: 3.273 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD072091.D

Acq: 25 Feb 2022 10:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

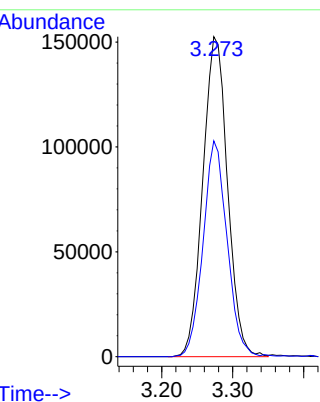
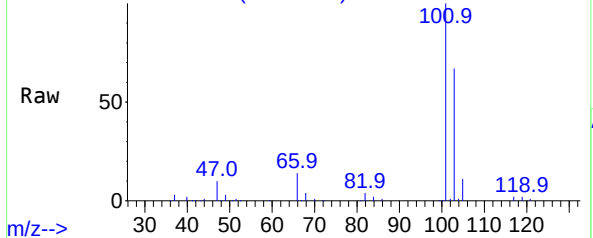
Tgt Ion:101 Resp: 368773

Ion Ratio Lower Upper

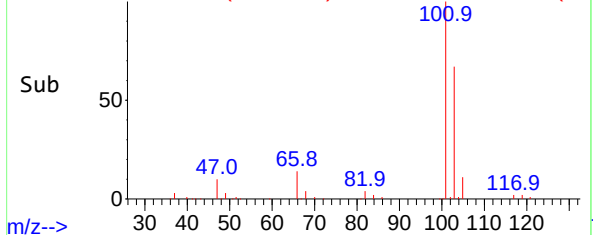
101 100

103 67.4 49.4 74.2

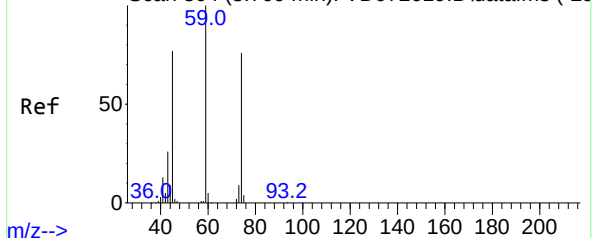
Abundance Scan 230 (3.273 min): VD072091.D\data.ms



Abundance Scan 230 (3.273 min): VD072091.D\data.ms (-17



Abundance Scan 304 (3.709 min): VD072019.D\data.ms (-29



#8

Diethyl Ether

Concen: 45.623 ug/l

RT: 3.709 min Scan# 304

Delta R.T. 0.000 min

Lab File: VD072091.D

Acq: 25 Feb 2022 10:06

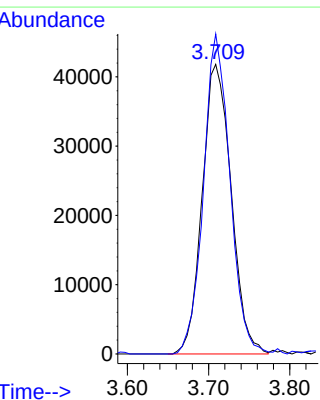
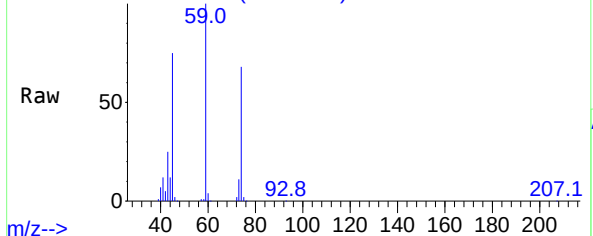
Tgt Ion: 74 Resp: 103725

Ion Ratio Lower Upper

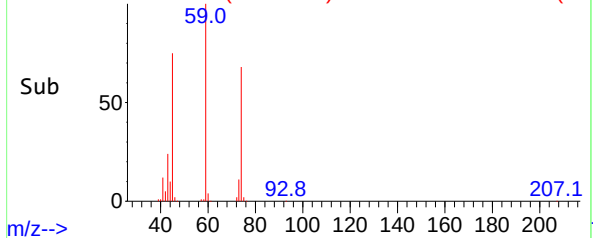
74 100

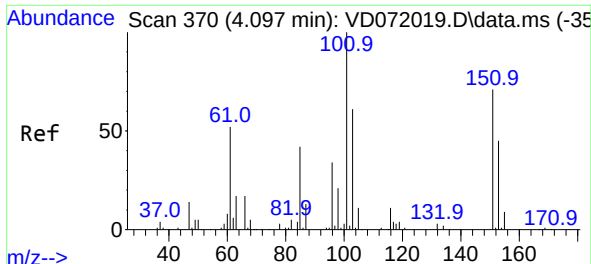
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Abundance Scan 304 (3.709 min): VD072091.D\data.ms



Abundance Scan 304 (3.709 min): VD072091.D\data.ms (-25

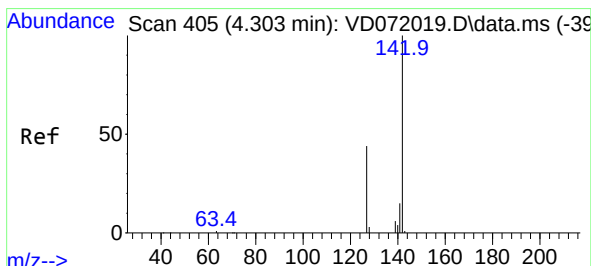
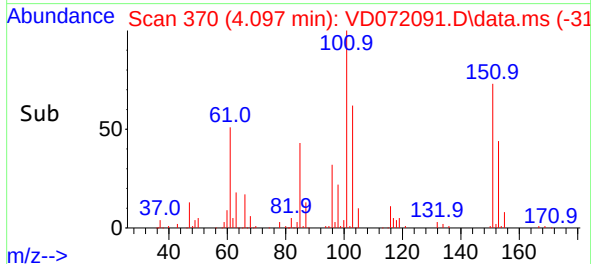
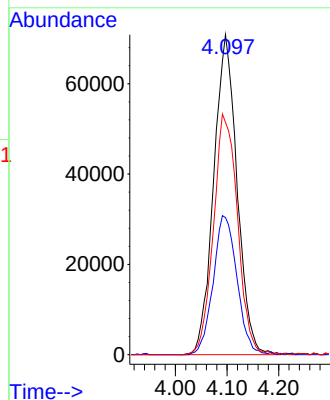
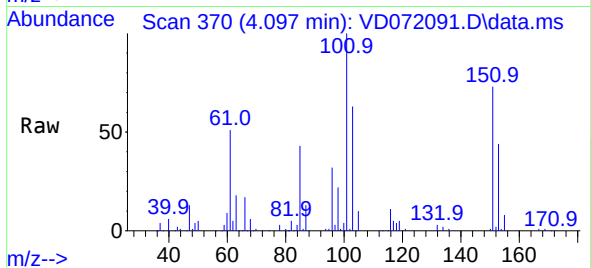




#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.649 ug/l
RT: 4.097 min Scan# 31
Delta R.T. 0.000 min
Lab File: VD072091.D
Acq: 25 Feb 2022 10:06

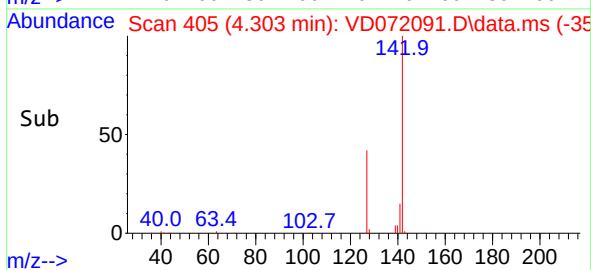
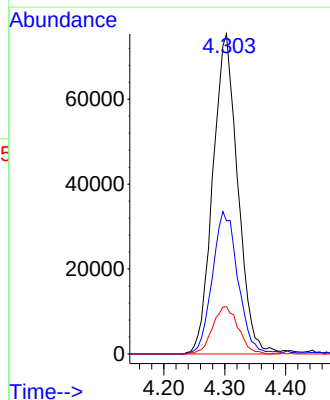
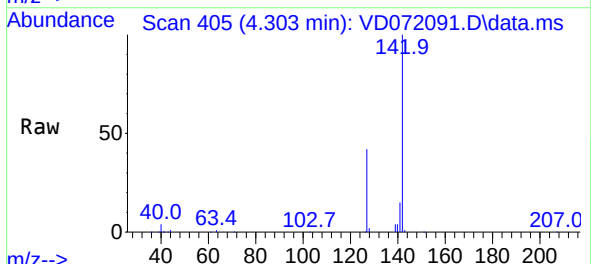
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

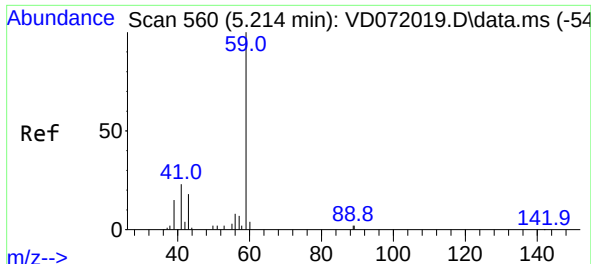
Tgt Ion:101 Resp: 222476
Ion Ratio Lower Upper
101 100
85 44.2 34.1 51.1
151 77.5 59.8 89.6



#10
Methyl Iodide
Concen: 39.626 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD072091.D
Acq: 25 Feb 2022 10:06

Tgt Ion:142 Resp: 214276
Ion Ratio Lower Upper
142 100
127 45.8 35.8 53.8
141 15.3 11.6 17.4

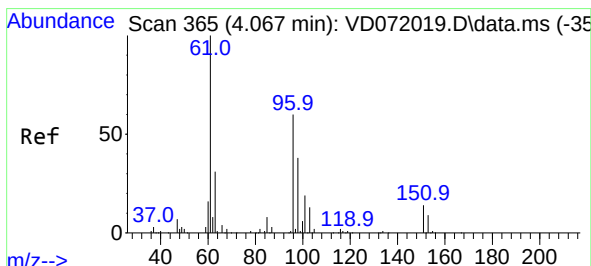
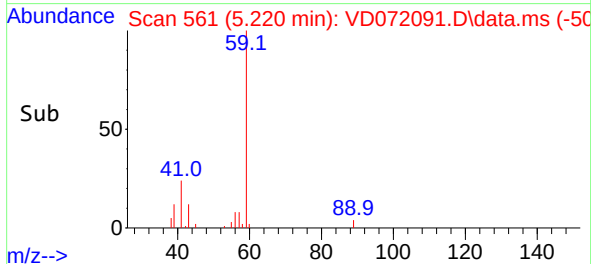
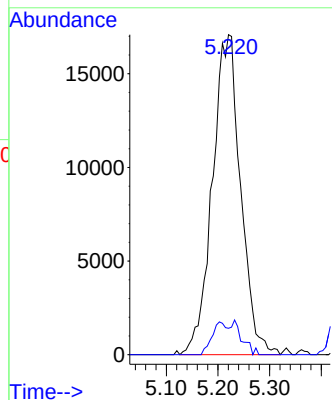
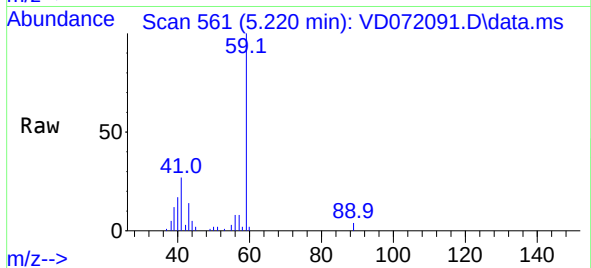




#11
Tert butyl alcohol
Concen: 226.199 ug/l
RT: 5.220 min Scan# 50
Delta R.T. 0.006 min
Lab File: VD072091.D
Acq: 25 Feb 2022 10:06

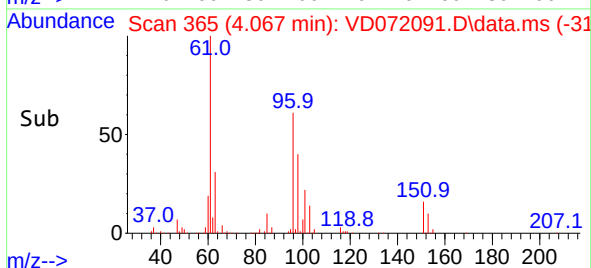
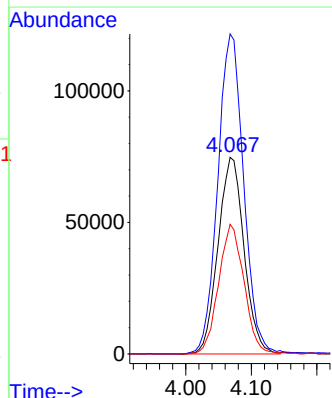
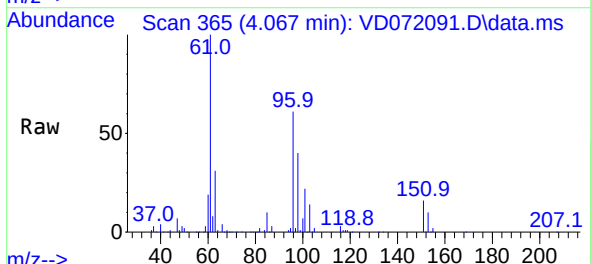
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

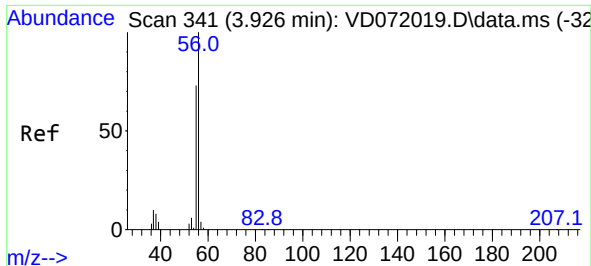
Tgt Ion: 59 Resp: 64836
Ion Ratio Lower Upper
59 100
57 5.7 5.4 8.2



#12
1,1-Dichloroethene
Concen: 46.511 ug/l
RT: 4.067 min Scan# 365
Delta R.T. 0.000 min
Lab File: VD072091.D
Acq: 25 Feb 2022 10:06

Tgt Ion: 96 Resp: 205844
Ion Ratio Lower Upper
96 100
61 162.7 132.8 199.2
98 65.9 50.1 75.1

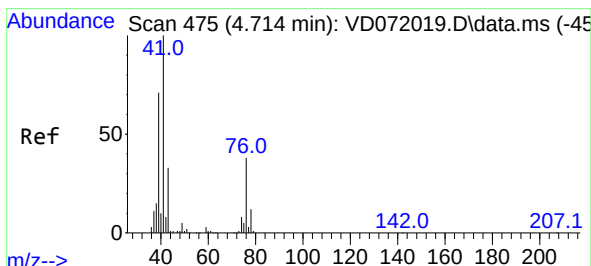
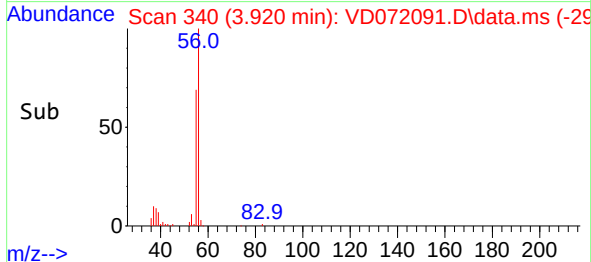
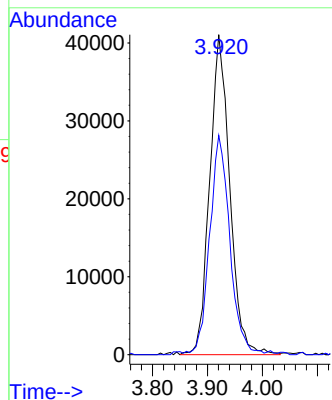
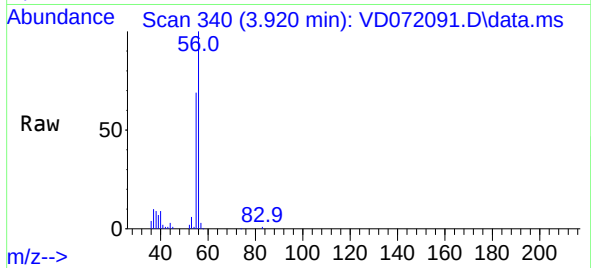




#13
Acrolein
Concen: 184.250 ug/l
RT: 3.920 min Scan# 341
Delta R.T. -0.006 min
Lab File: VD072091.D
Acq: 25 Feb 2022 10:06

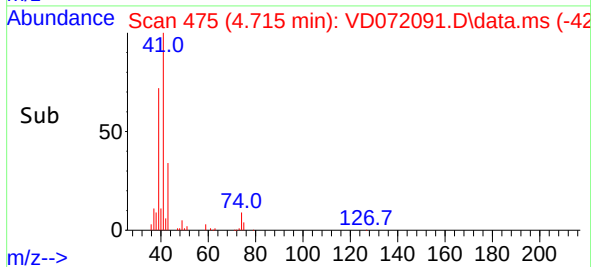
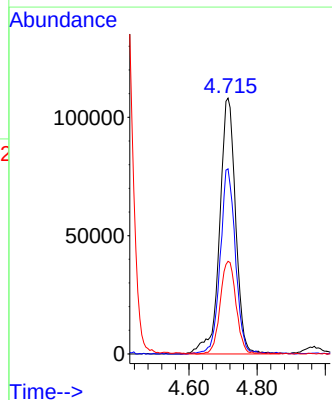
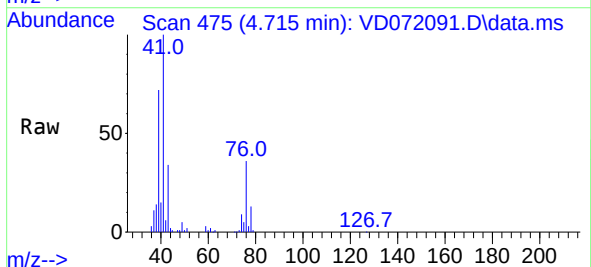
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

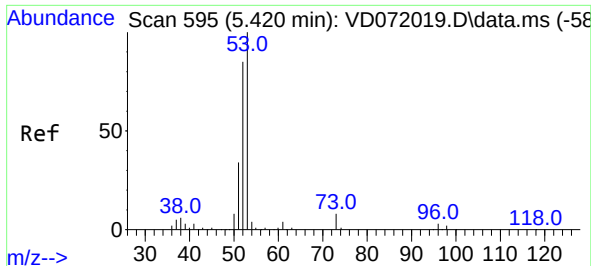
Tgt Ion: 56 Resp: 104141
Ion Ratio Lower Upper
56 100
55 67.3 55.8 83.6



#14
Allyl chloride
Concen: 45.432 ug/l
RT: 4.715 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD072091.D
Acq: 25 Feb 2022 10:06

Tgt Ion: 41 Resp: 352384
Ion Ratio Lower Upper
41 100
39 68.7 52.2 78.2
76 35.8 28.1 42.1

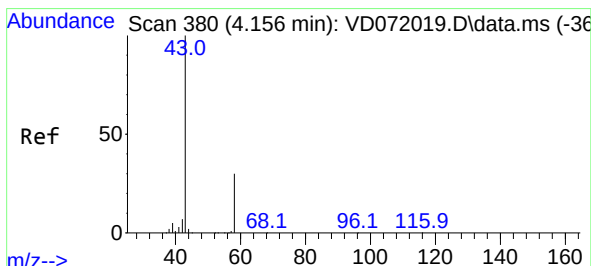
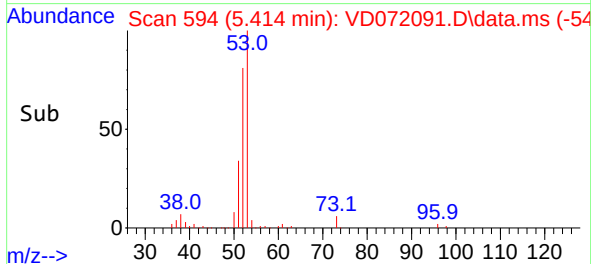
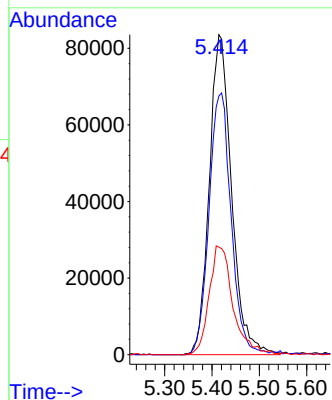
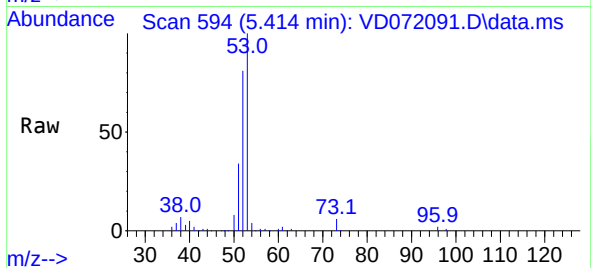




#15
Acrylonitrile
Concen: 222.087 ug/l
RT: 5.414 min Scan# 594
Delta R.T. -0.006 min
Lab File: VD072091.D
Acq: 25 Feb 2022 10:06

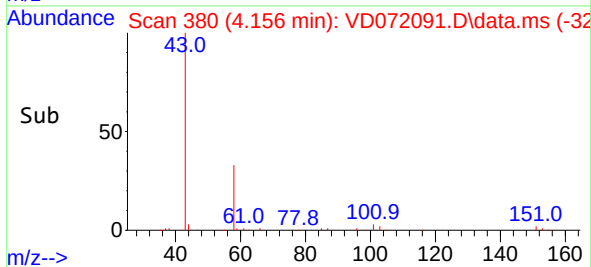
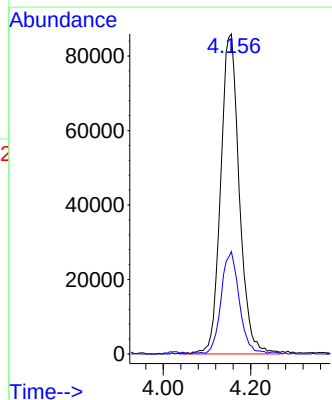
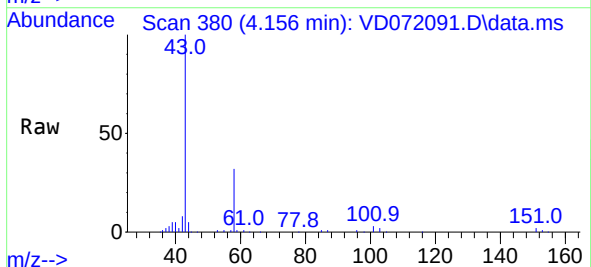
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

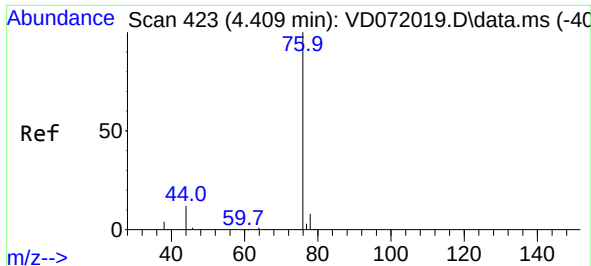
Tgt Ion: 53 Resp: 272893
Ion Ratio Lower Upper
53 100
52 81.3 65.8 98.6
51 36.5 29.4 44.0



#16
Acetone
Concen: 233.856 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD072091.D
Acq: 25 Feb 2022 10:06

Tgt Ion: 43 Resp: 253897
Ion Ratio Lower Upper
43 100
58 31.7 23.8 35.6

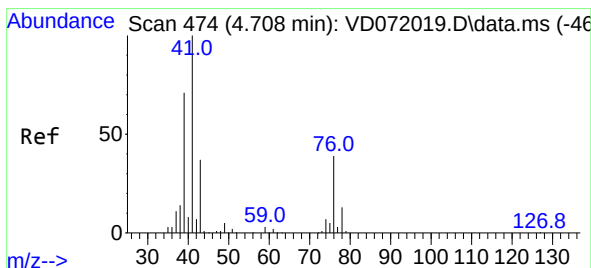
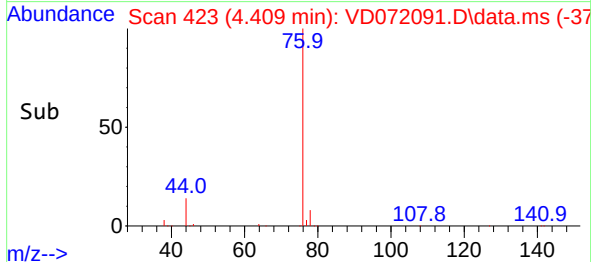
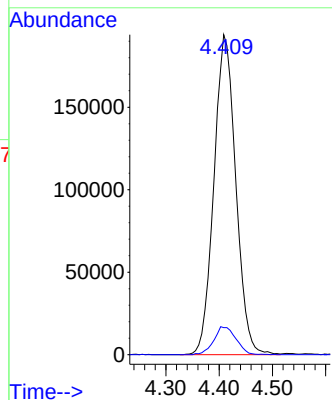
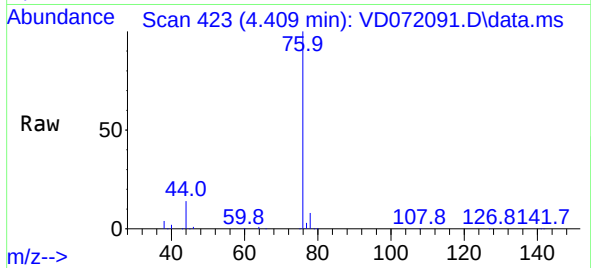




#17
Carbon Disulfide
Concen: 44.965 ug/l
RT: 4.409 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD072091.D
Acq: 25 Feb 2022 10:06

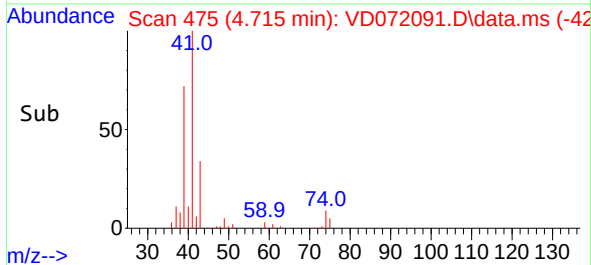
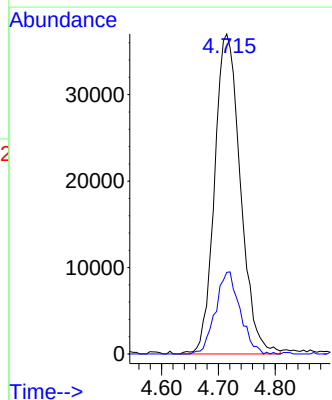
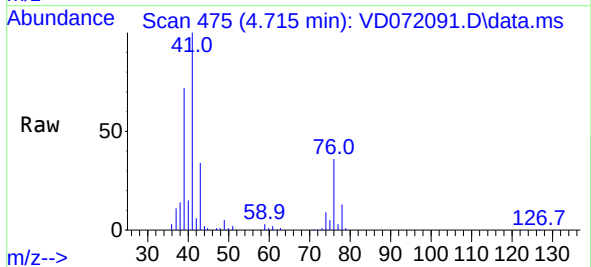
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

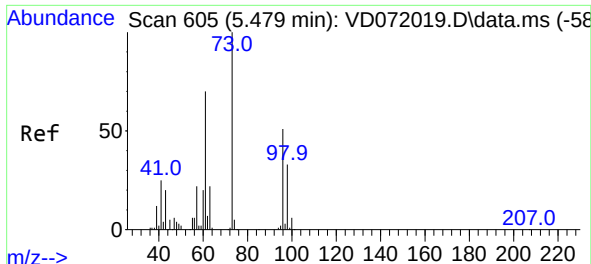
Tgt Ion: 76 Resp: 553105
Ion Ratio Lower Upper
76 100
78 8.5 6.7 10.1



#18
Methyl Acetate
Concen: 42.239 ug/l
RT: 4.715 min Scan# 475
Delta R.T. 0.006 min
Lab File: VD072091.D
Acq: 25 Feb 2022 10:06

Tgt Ion: 43 Resp: 117024
Ion Ratio Lower Upper
43 100
74 24.4 18.6 27.8

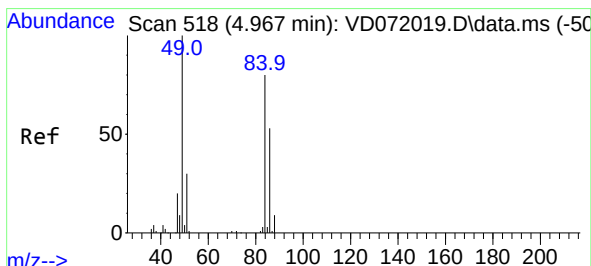
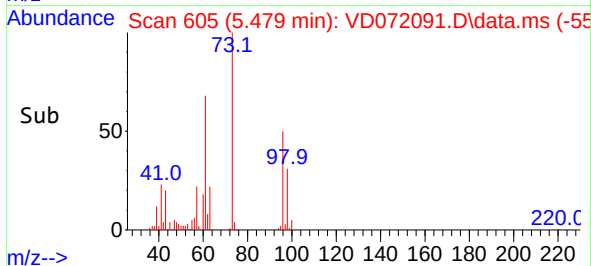
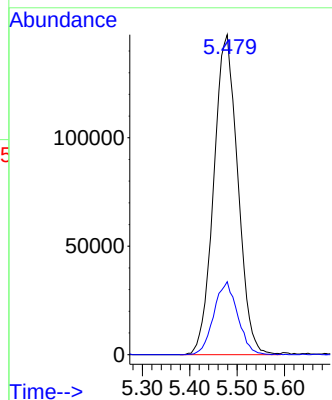
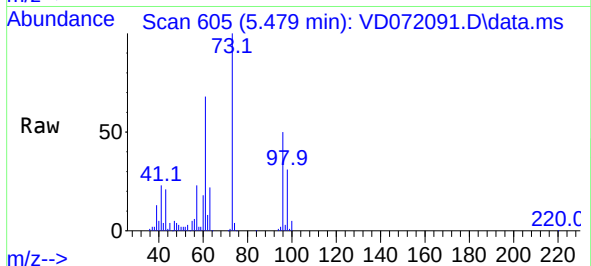




#19
Methyl tert-butyl Ether
Concen: 48.309 ug/l
RT: 5.479 min Scan# 605
Delta R.T. 0.000 min
Lab File: VD072091.D
Acq: 25 Feb 2022 10:06

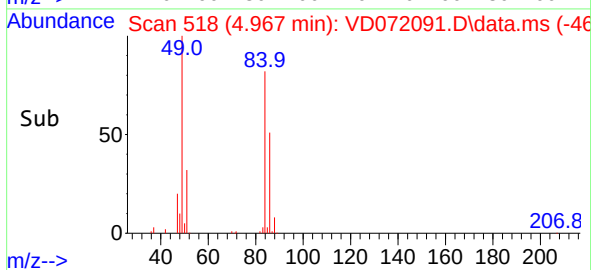
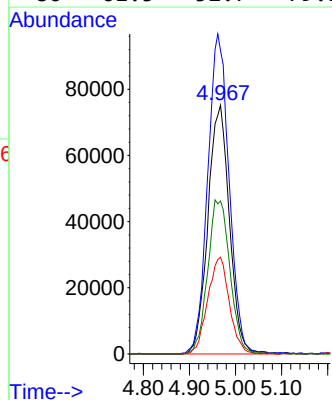
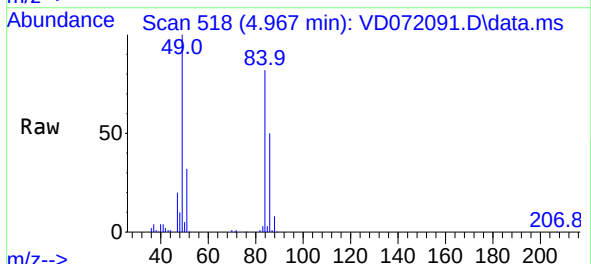
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

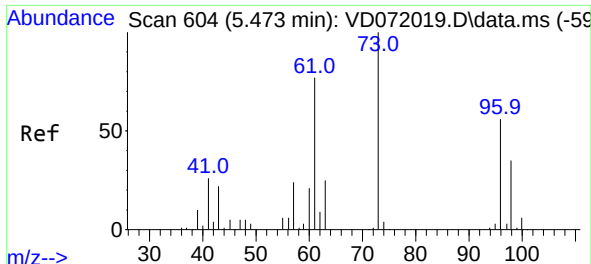
Tgt Ion: 73 Resp: 520120
Ion Ratio Lower Upper
73 100
57 22.8 18.0 27.0



#20
Methylene Chloride
Concen: 45.174 ug/l
RT: 4.967 min Scan# 518
Delta R.T. 0.000 min
Lab File: VD072091.D
Acq: 25 Feb 2022 10:06

Tgt Ion: 84 Resp: 244097
Ion Ratio Lower Upper
84 100
49 121.9 100.0 150.0
51 38.9 30.2 45.4
86 61.5 52.7 79.1

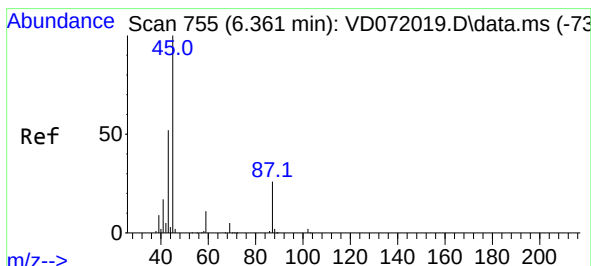
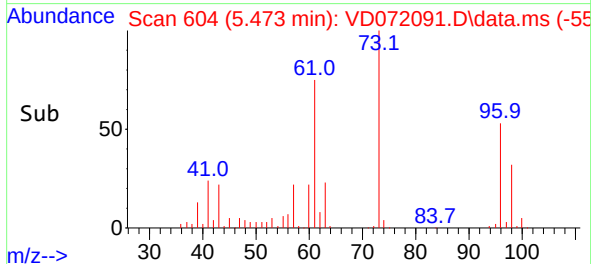
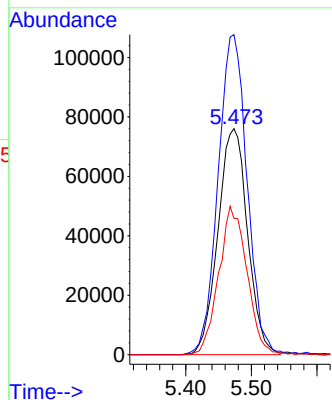
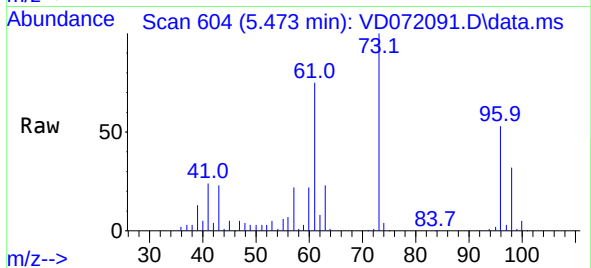




#21
trans-1,2-Dichloroethene
Concen: 47.947 ug/l
RT: 5.473 min Scan# 604
Delta R.T. 0.000 min
Lab File: VD072091.D
Acq: 25 Feb 2022 10:06

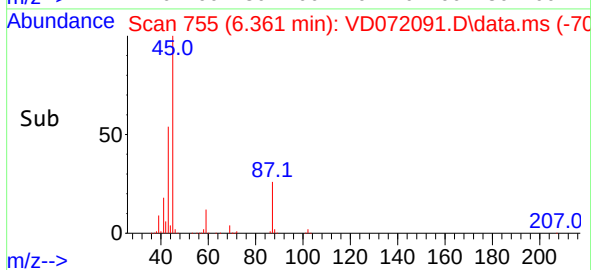
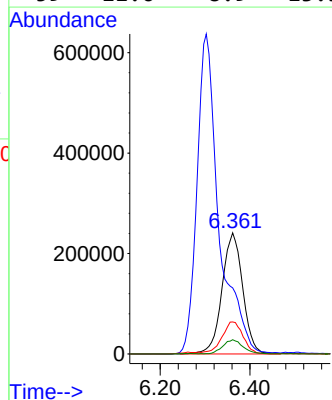
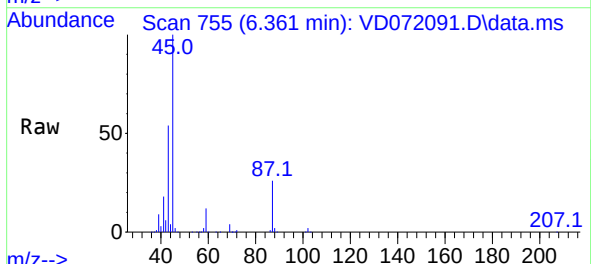
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

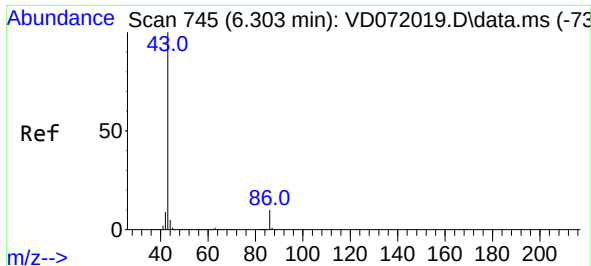
Tgt Ion: 96 Resp: 238435
Ion Ratio Lower Upper
96 100
61 141.5 109.4 164.0
98 60.3 49.6 74.4



#22
Diisopropyl ether
Concen: 47.851 ug/l
RT: 6.361 min Scan# 755
Delta R.T. 0.000 min
Lab File: VD072091.D
Acq: 25 Feb 2022 10:06

Tgt Ion: 45 Resp: 775011
Ion Ratio Lower Upper
45 100
43 53.7 41.3 61.9
87 26.3 20.4 30.6
59 11.6 8.9 13.3

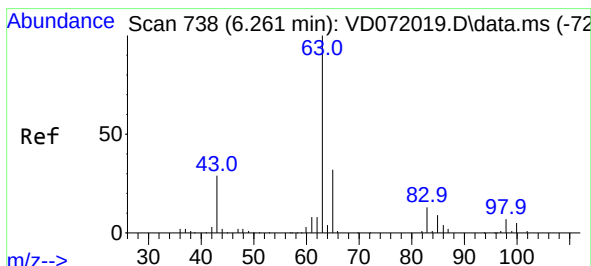
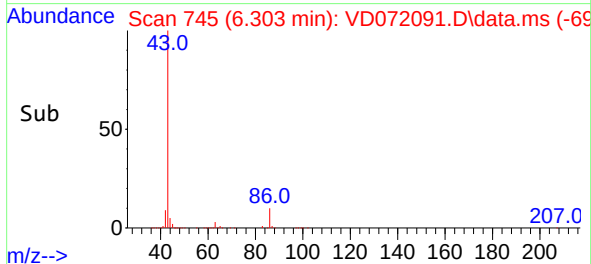
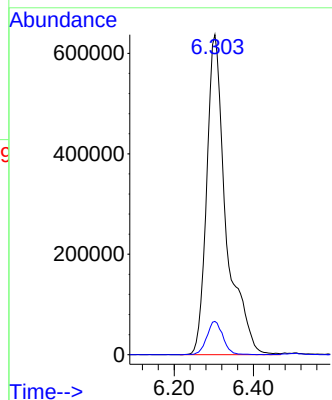
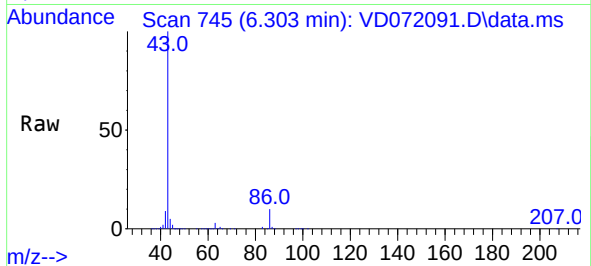




#23
 Vinyl Acetate
 Concen: 250.732 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. 0.000 min
 Lab File: VD072091.D
 Acq: 25 Feb 2022 10:06

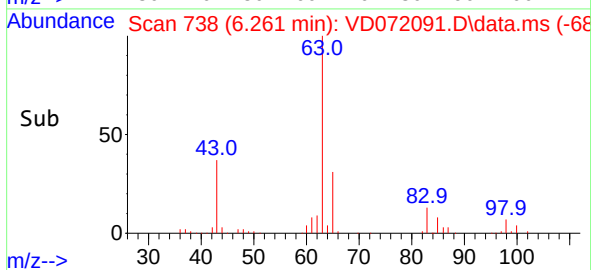
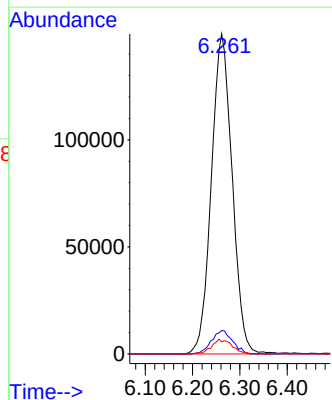
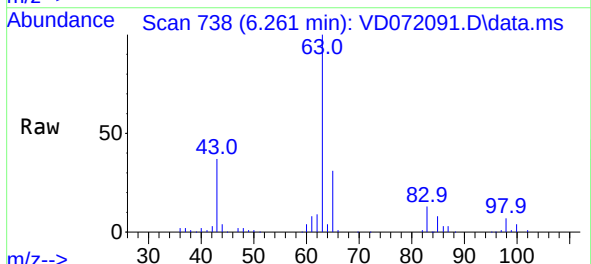
Instrument :
 MSVOA_D
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 VSTDCCC050

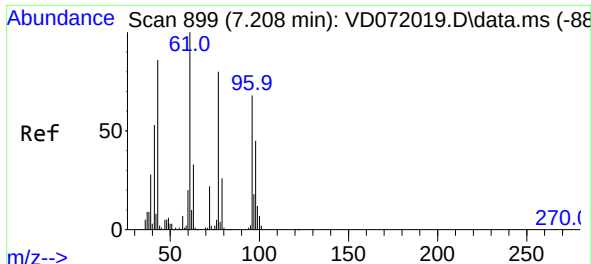
Tgt Ion: 43 Resp: 2168632
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.1 12.1



#24
 1,1-Dichloroethane
 Concen: 47.359 ug/l
 RT: 6.261 min Scan# 738
 Delta R.T. 0.000 min
 Lab File: VD072091.D
 Acq: 25 Feb 2022 10:06

Tgt Ion: 63 Resp: 456328
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.3 9.9
 100 3.8 2.4 7.1





#25

2-Butanone

Concen: 228.906 ug/l

RT: 7.208 min Scan# 899

Delta R.T. 0.000 min

Lab File: VD072091.D

Acq: 25 Feb 2022 10:06

Instrument :

MSVOA_D

ClientSampleId :

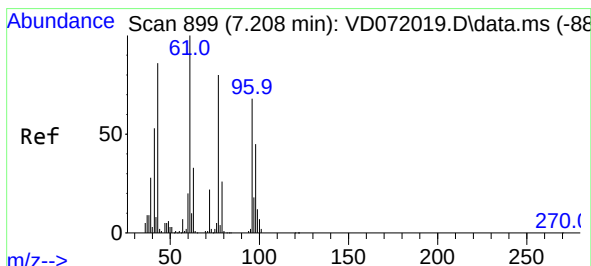
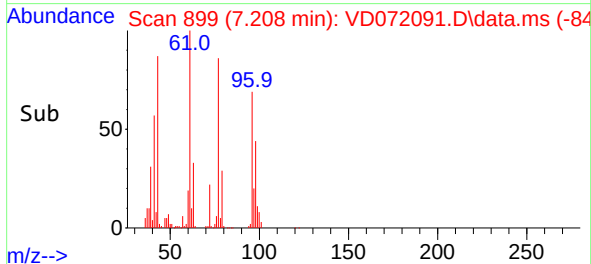
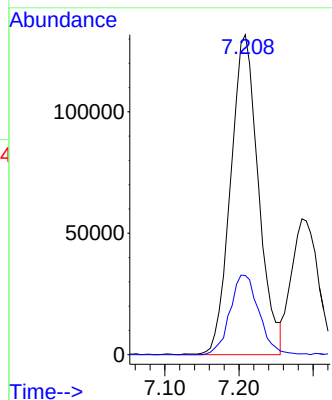
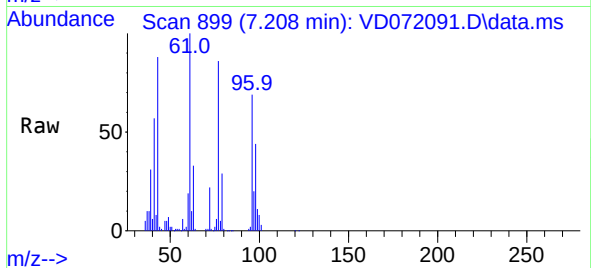
VSTDCCC050

Tgt Ion: 43 Resp: 343488

Ion Ratio Lower Upper

43 100

72 24.7 20.3 30.5



#26

2,2-Dichloropropane

Concen: 49.907 ug/l

RT: 7.208 min Scan# 899

Delta R.T. 0.000 min

Lab File: VD072091.D

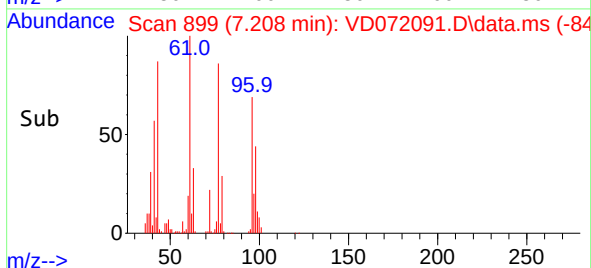
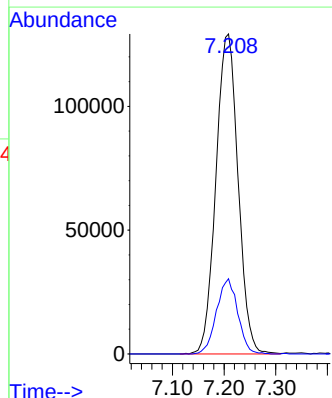
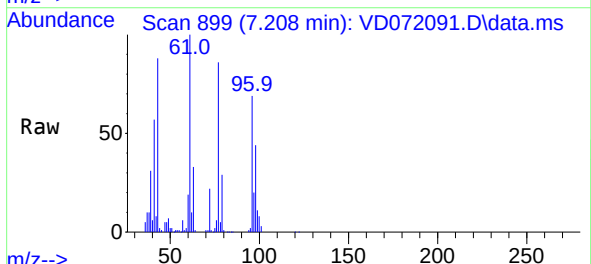
Acq: 25 Feb 2022 10:06

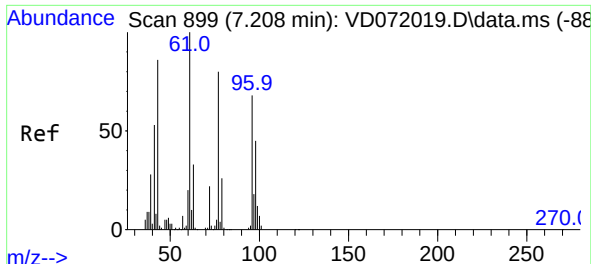
Tgt Ion: 77 Resp: 384799

Ion Ratio Lower Upper

77 100

97 22.5 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 48.374 ug/l

RT: 7.208 min Scan# 899

Delta R.T. 0.000 min

Lab File: VD072091.D

Acq: 25 Feb 2022 10:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

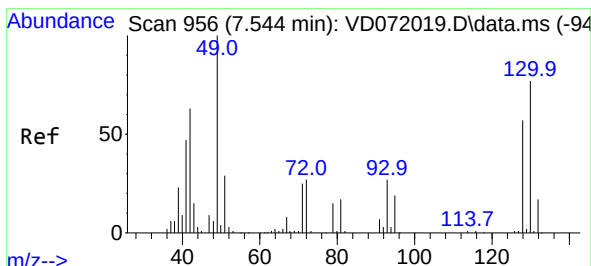
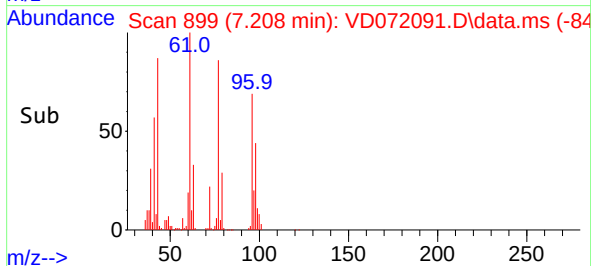
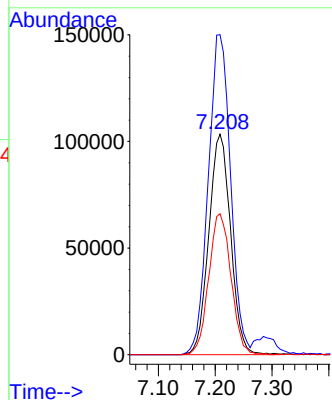
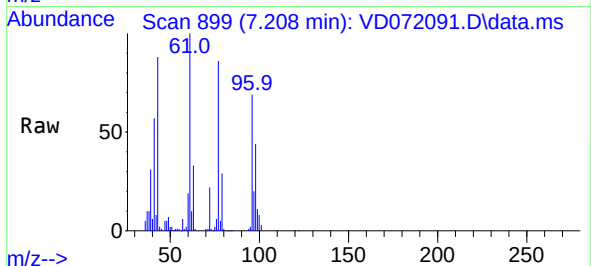
Tgt Ion: 96 Resp: 275616

Ion Ratio Lower Upper

96 100

61 148.1 0.0 295.6

98 65.1 0.0 129.8



#28

Bromochloromethane

Concen: 46.880 ug/l

RT: 7.544 min Scan# 956

Delta R.T. 0.000 min

Lab File: VD072091.D

Acq: 25 Feb 2022 10:06

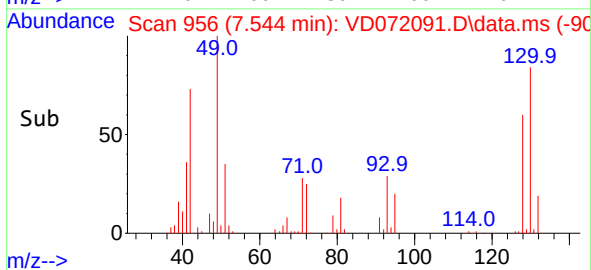
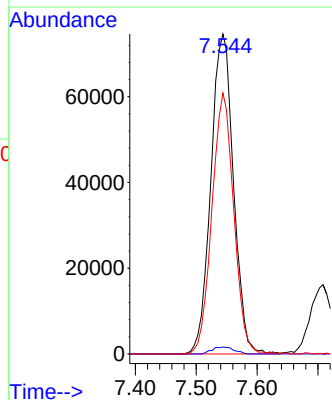
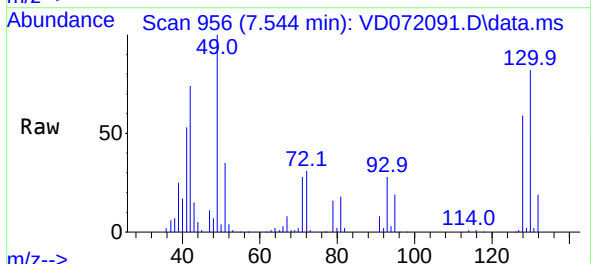
Tgt Ion: 49 Resp: 192563

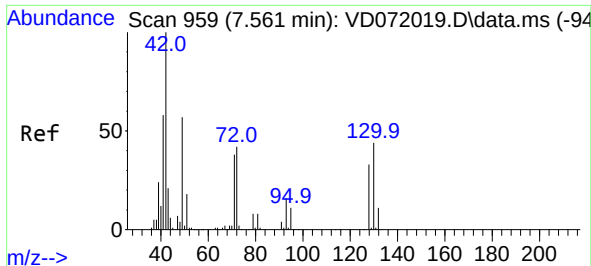
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.2

130 78.6 61.1 91.7





#29

Tetrahydrofuran

Concen: 223.903 ug/l

RT: 7.556 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD072091.D

Acq: 25 Feb 2022 10:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

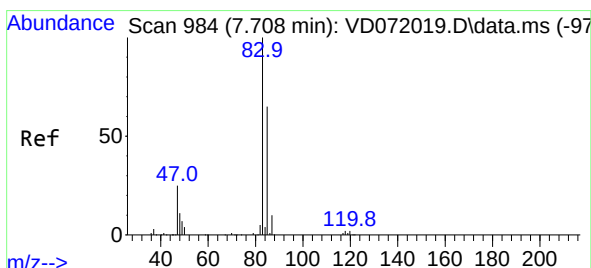
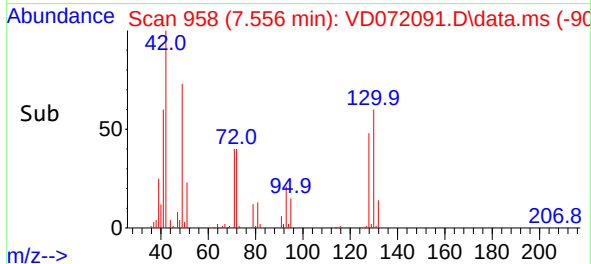
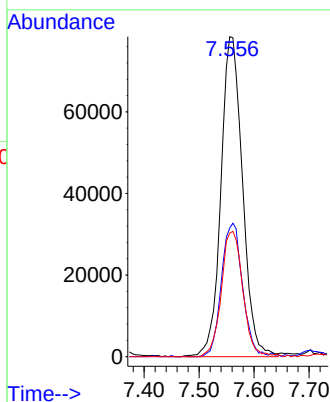
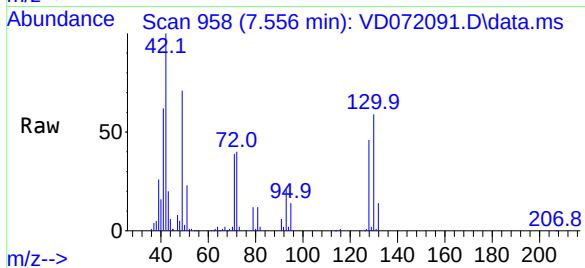
Tgt Ion: 42 Resp: 214425

Ion Ratio Lower Upper

42 100

72 40.6 33.6 50.4

71 38.9 31.0 46.4



#30

Chloroform

Concen: 48.384 ug/l

RT: 7.708 min Scan# 984

Delta R.T. 0.000 min

Lab File: VD072091.D

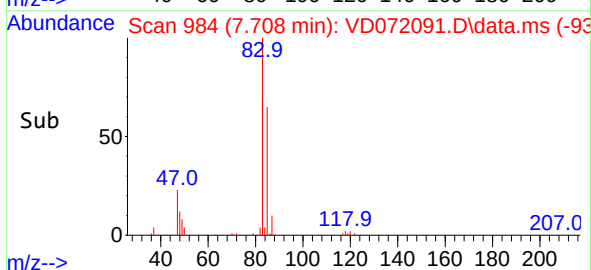
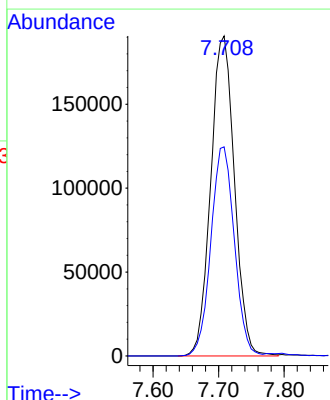
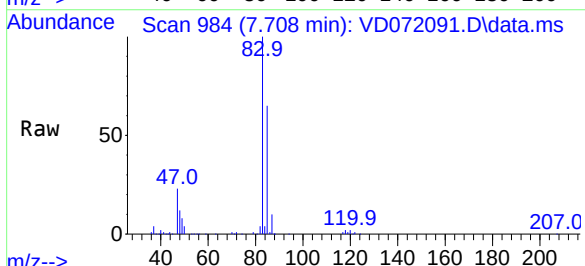
Acq: 25 Feb 2022 10:06

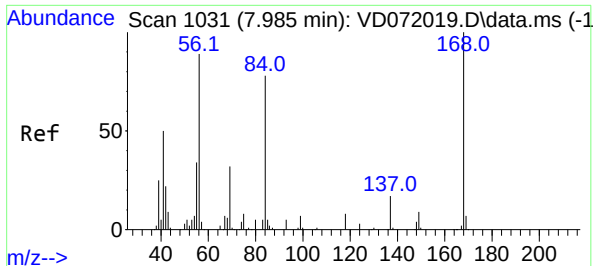
Tgt Ion: 83 Resp: 478657

Ion Ratio Lower Upper

83 100

85 65.4 52.2 78.2





#31

Cyclohexane

Concen: 43.332 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VD072091.D

Acq: 25 Feb 2022 10:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

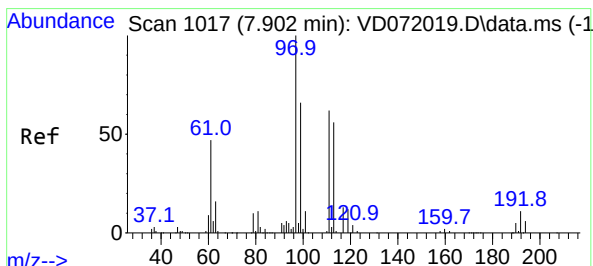
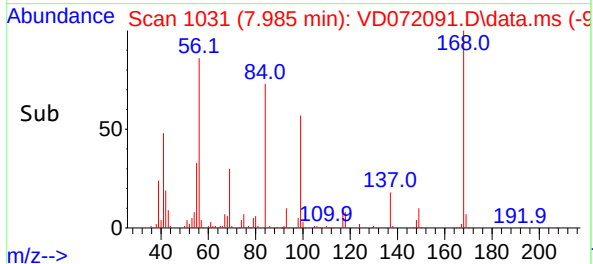
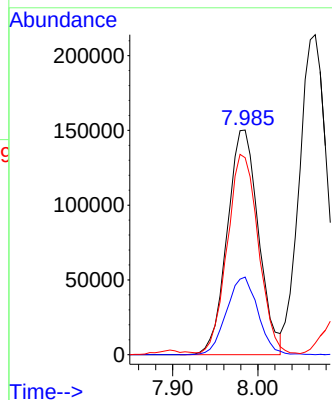
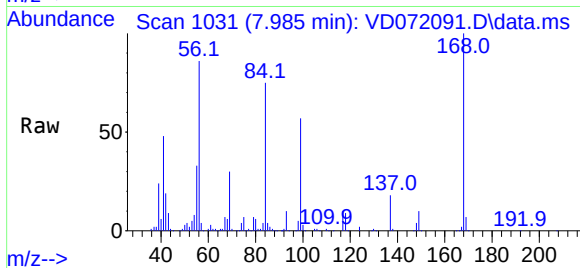
Tgt Ion: 56 Resp: 384502

Ion Ratio Lower Upper

56 100

69 34.1 28.9 43.3

84 86.7 70.6 105.8



#32

1,1,1-Trichloroethane

Concen: 48.894 ug/l

RT: 7.897 min Scan# 1016

Delta R.T. -0.006 min

Lab File: VD072091.D

Acq: 25 Feb 2022 10:06

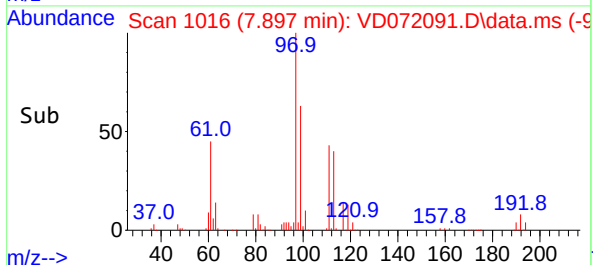
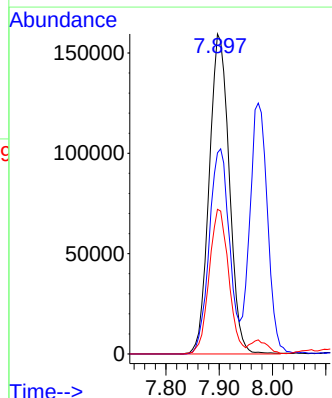
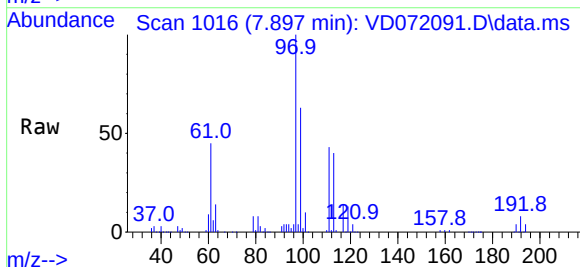
Tgt Ion: 97 Resp: 416260

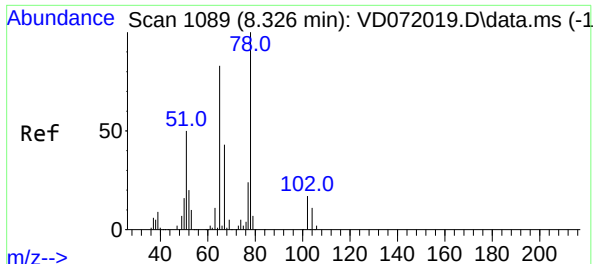
Ion Ratio Lower Upper

97 100

99 64.5 51.2 76.8

61 44.2 37.2 55.8

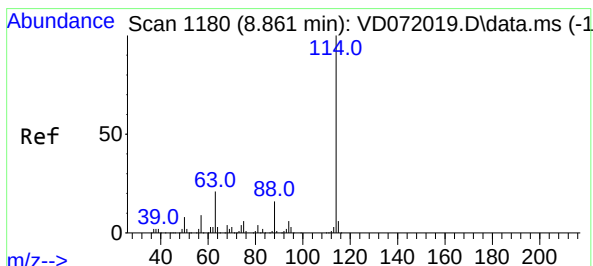
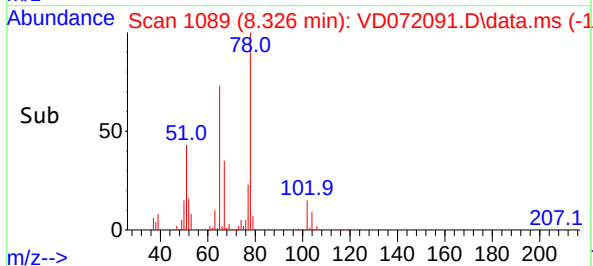
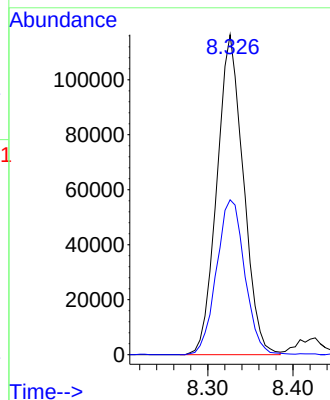
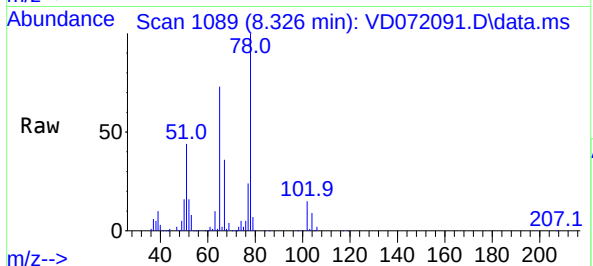




#33
1,2-Dichloroethane-d4
Concen: 49.934 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072091.D
Acq: 25 Feb 2022 10:06

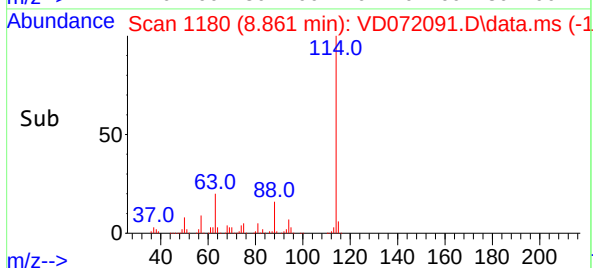
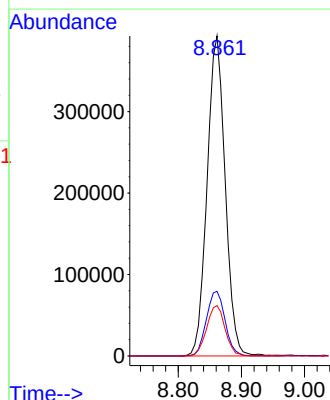
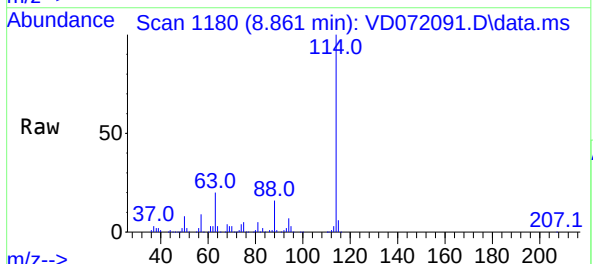
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

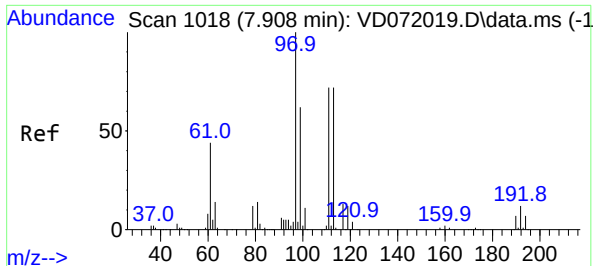
Tgt Ion: 65 Resp: 250848
Ion Ratio Lower Upper
65 100
67 51.6 0.0 105.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072091.D
Acq: 25 Feb 2022 10:06

Tgt Ion: 114 Resp: 782428
Ion Ratio Lower Upper
114 100
63 20.2 0.0 42.2
88 15.8 0.0 31.2

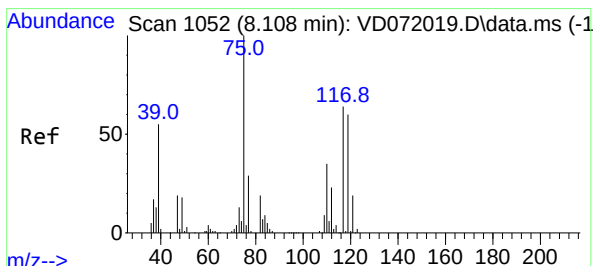
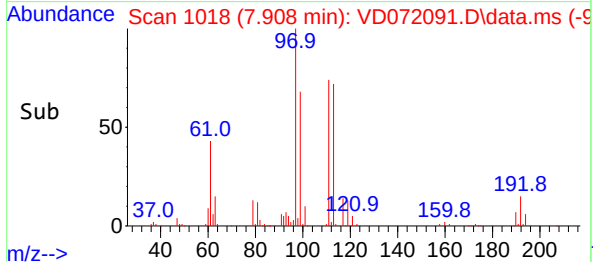
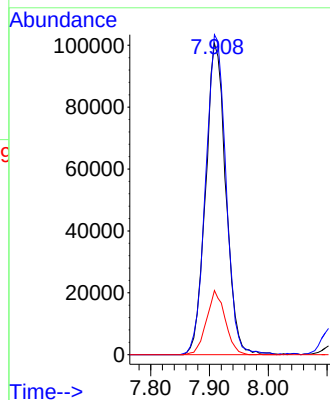
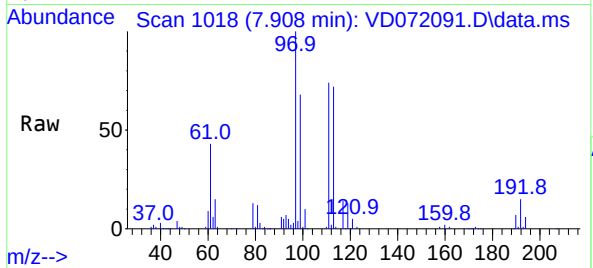




#35
Dibromofluoromethane
Concen: 50.762 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD072091.D
Acq: 25 Feb 2022 10:06

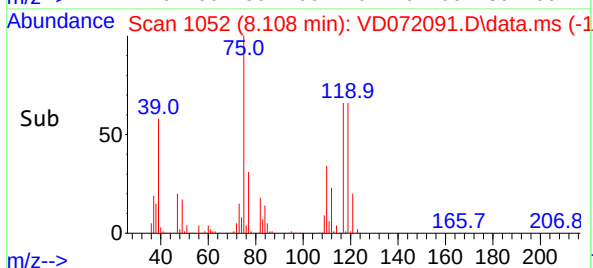
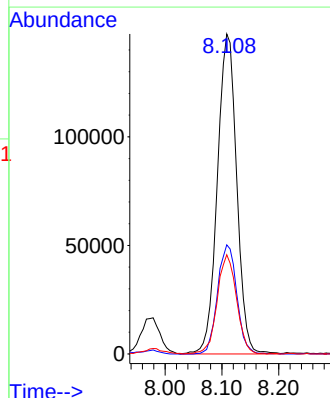
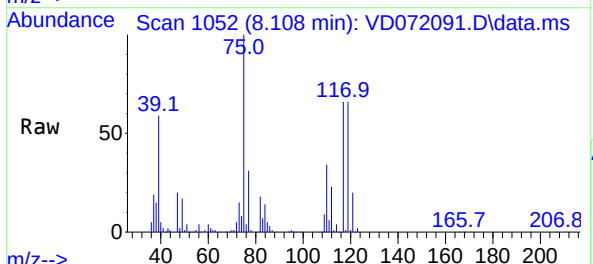
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

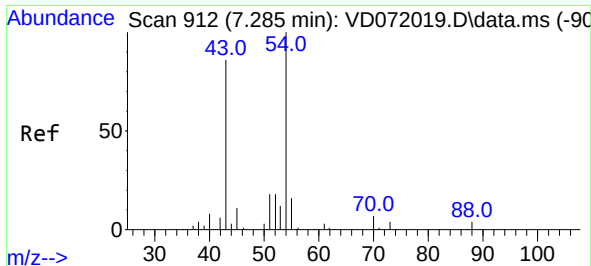
Tgt Ion:113 Resp: 240636
Ion Ratio Lower Upper
113 100
111 103.3 83.0 124.4
192 19.0 15.3 22.9



#36
1,1-Dichloropropene
Concen: 48.662 ug/l
RT: 8.108 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VD072091.D
Acq: 25 Feb 2022 10:06

Tgt Ion: 75 Resp: 349429
Ion Ratio Lower Upper
75 100
110 33.9 17.7 53.1
77 31.1 24.8 37.2





#37

Ethyl Acetate

Concen: 43.984 ug/l

RT: 7.285 min Scan# 912

Delta R.T. 0.000 min

Lab File: VD072091.D

Acq: 25 Feb 2022 10:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

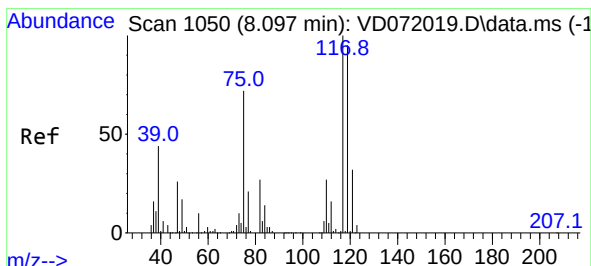
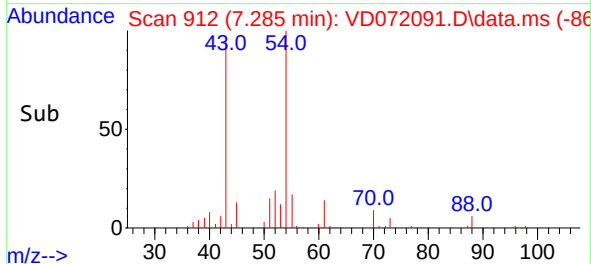
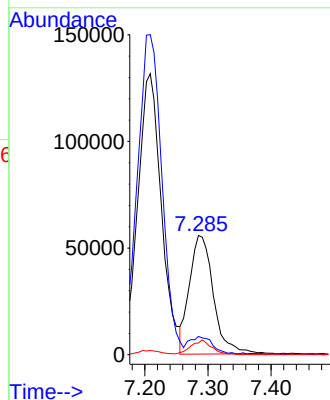
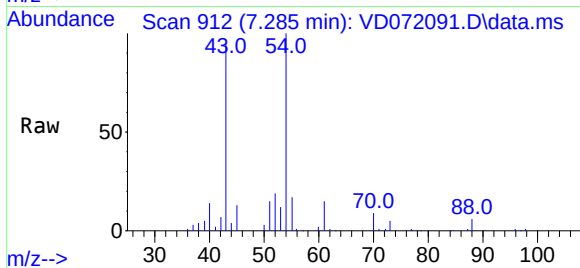
Tgt Ion: 43 Resp: 146461

Ion Ratio Lower Upper

43 100

61 14.2 9.8 14.8

70 10.9 7.4 11.2



#38

Carbon Tetrachloride

Concen: 50.547 ug/l

RT: 8.091 min Scan# 1049

Delta R.T. -0.006 min

Lab File: VD072091.D

Acq: 25 Feb 2022 10:06

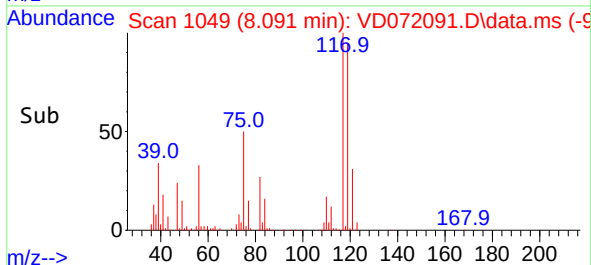
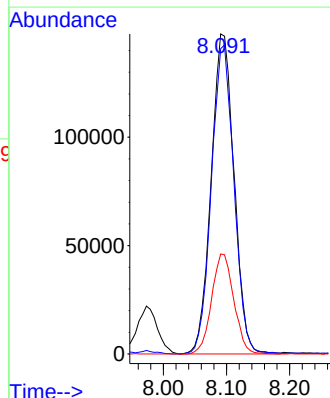
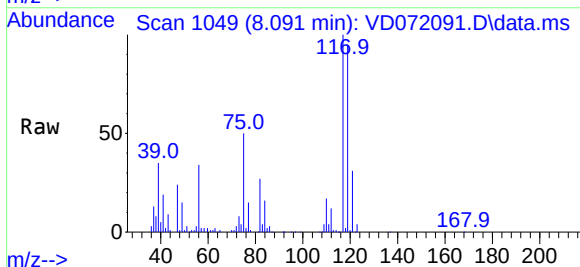
Tgt Ion: 117 Resp: 372020

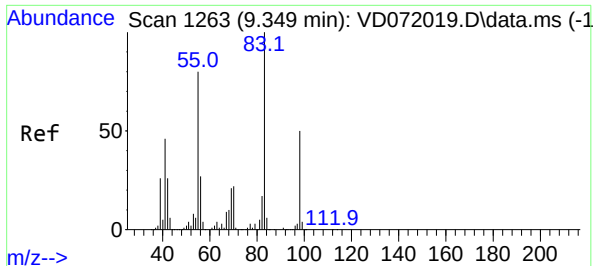
Ion Ratio Lower Upper

117 100

119 95.4 75.8 113.8

121 31.3 25.8 38.6

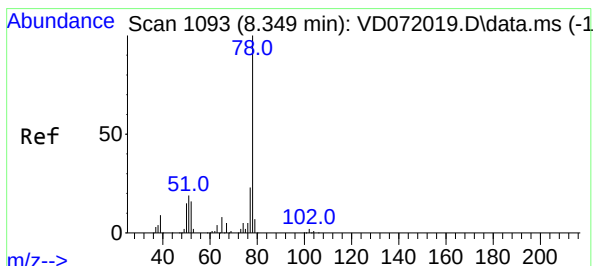
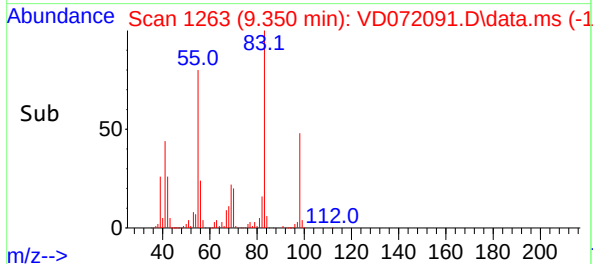
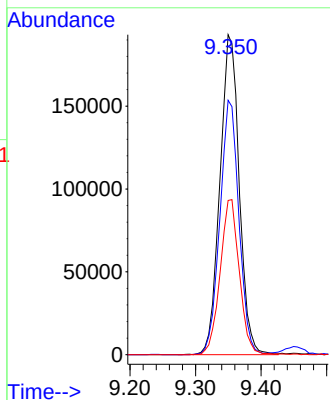
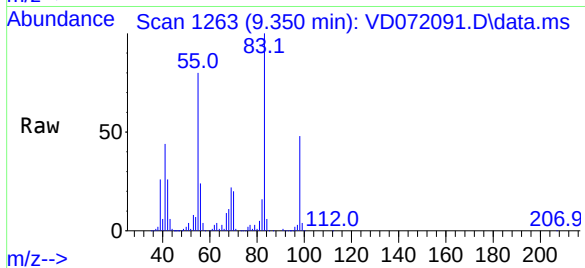




#39
Methylcyclohexane
Concen: 46.925 ug/l
RT: 9.350 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD072091.D
Acq: 25 Feb 2022 10:06

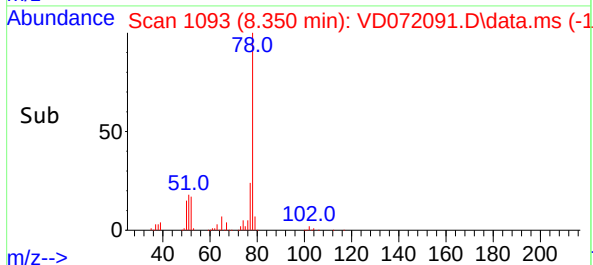
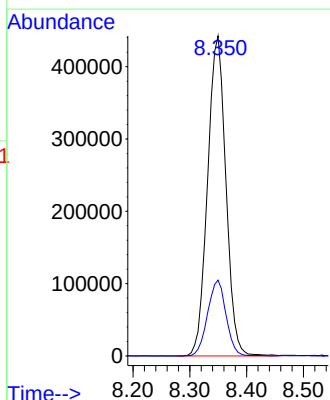
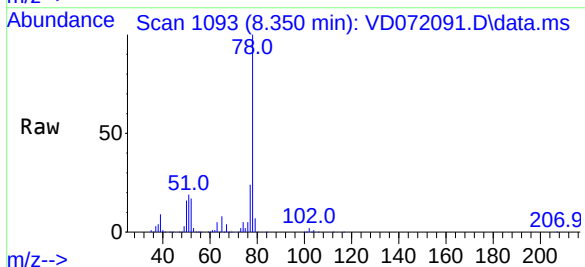
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

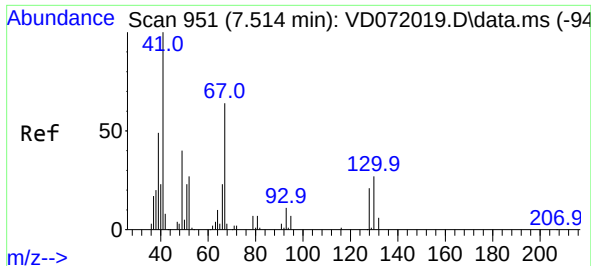
Tgt Ion: 83 Resp: 394378
Ion Ratio Lower Upper
83 100
55 79.5 64.0 96.0
98 48.2 39.8 59.8



#40
Benzene
Concen: 48.819 ug/l
RT: 8.350 min Scan# 1093
Delta R.T. 0.000 min
Lab File: VD072091.D
Acq: 25 Feb 2022 10:06

Tgt Ion: 78 Resp: 989201
Ion Ratio Lower Upper
78 100
77 23.7 18.2 27.4



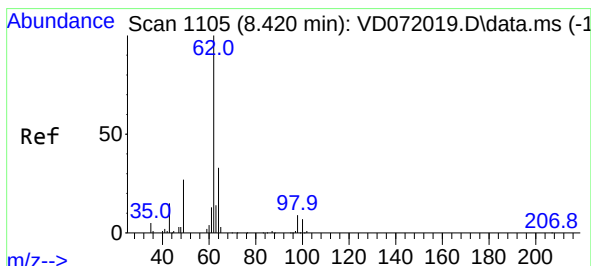
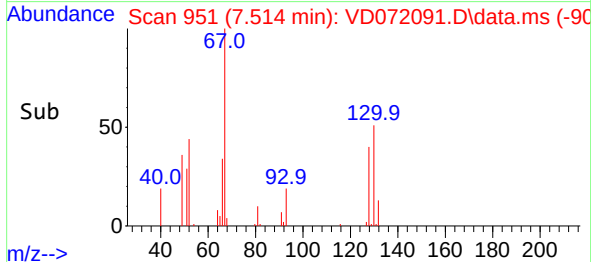
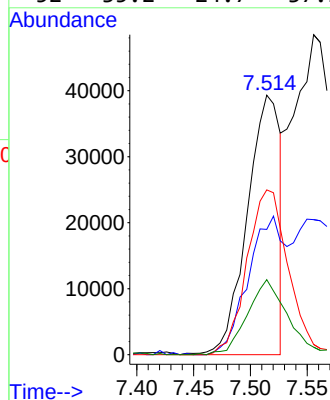
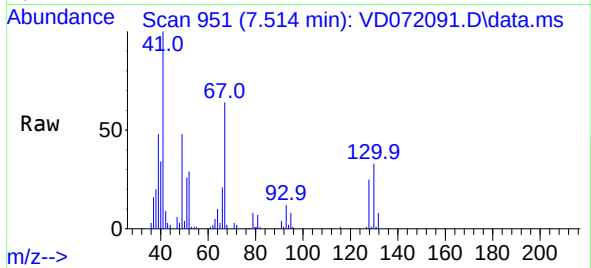


#41
Methacrylonitrile
Concen: 38.446 ug/l
RT: 7.514 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD072091.D
Acq: 25 Feb 2022 10:06

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 79387

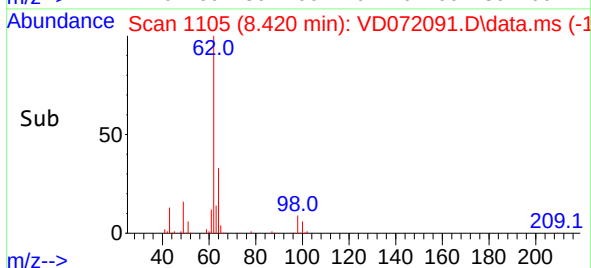
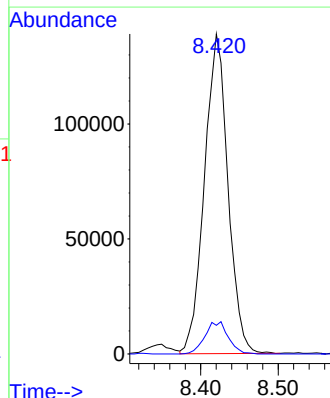
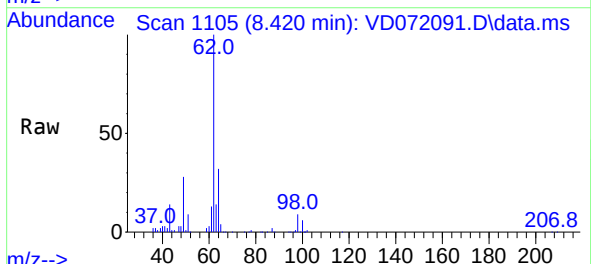
Ion	Ratio	Lower	Upper
41	100		
39	59.8	46.7	70.1
67	79.5	57.6	86.4
52	35.2	24.7	37.1

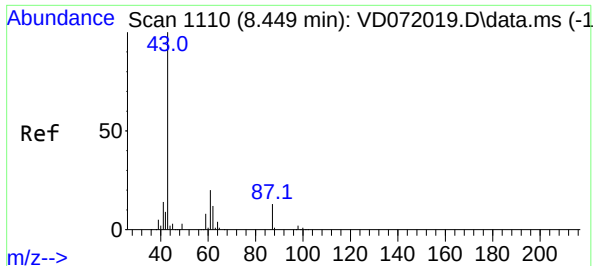


#42
1,2-Dichloroethane
Concen: 48.190 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD072091.D
Acq: 25 Feb 2022 10:06

Tgt Ion: 62 Resp: 292904

Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	20.0

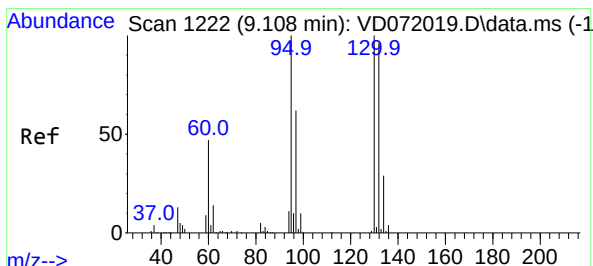
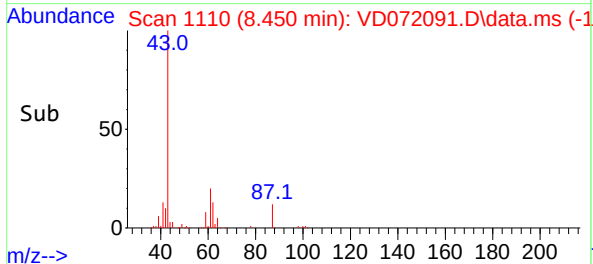
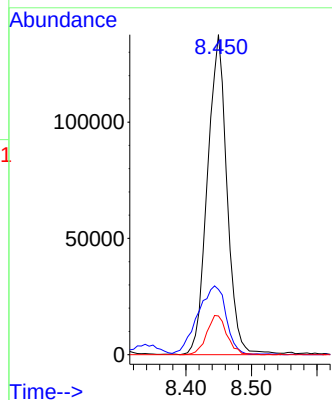
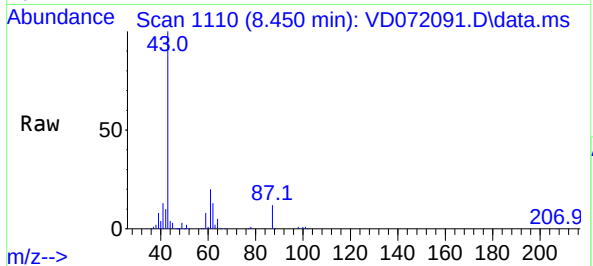




#43
Isopropyl Acetate
Concen: 45.915 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VD072091.D
Acq: 25 Feb 2022 10:06

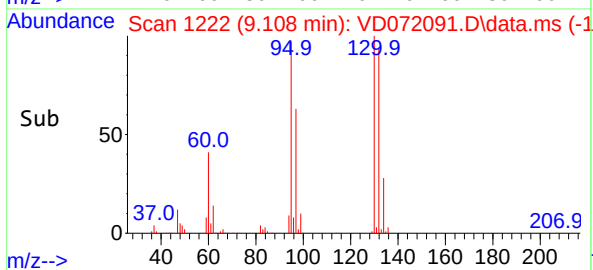
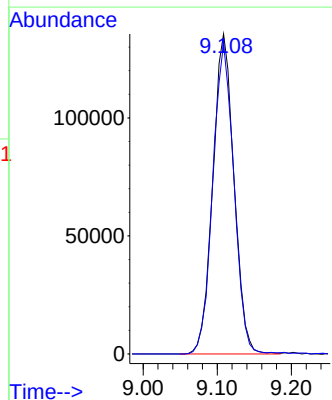
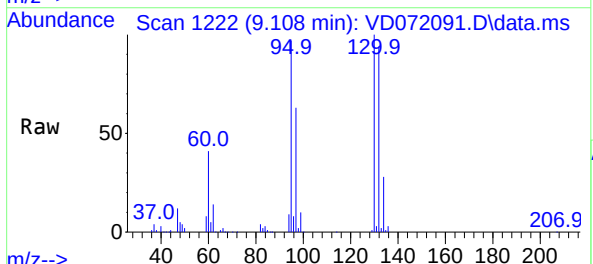
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

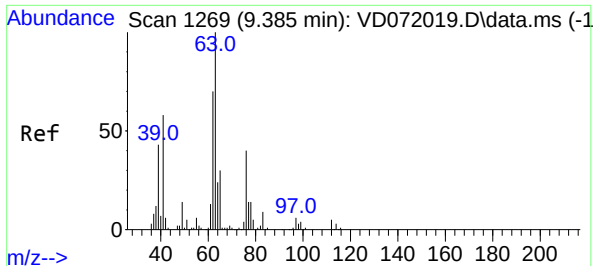
Tgt Ion: 43 Resp: 284709
Ion Ratio Lower Upper
43 100
61 30.9 24.6 37.0
87 12.7 10.1 15.1



#44
Trichloroethene
Concen: 48.640 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD072091.D
Acq: 25 Feb 2022 10:06

Tgt Ion:130 Resp: 268621
Ion Ratio Lower Upper
130 100
95 97.1 0.0 199.4

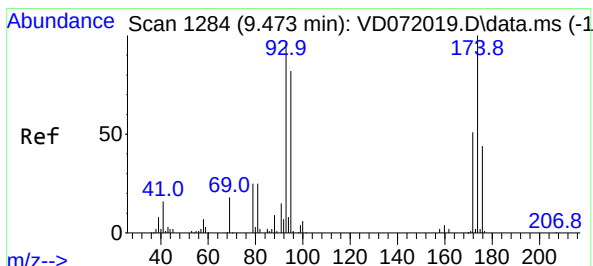
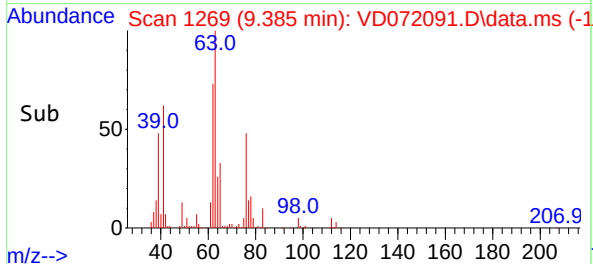
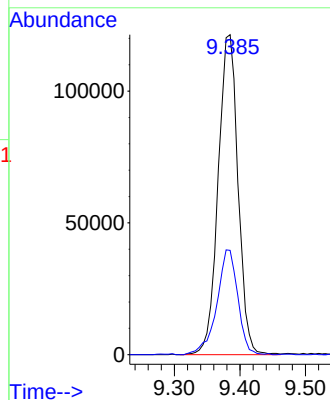
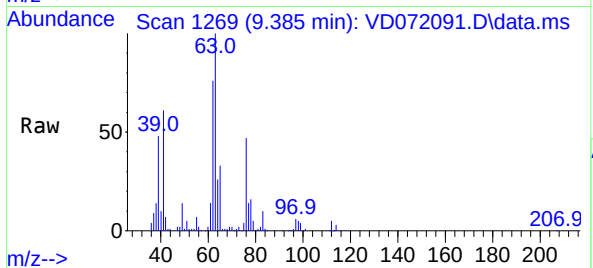




#45
1,2-Dichloropropane
Concen: 47.199 ug/l
RT: 9.385 min Scan# 1269
Delta R.T. 0.000 min
Lab File: VD072091.D
Acq: 25 Feb 2022 10:06

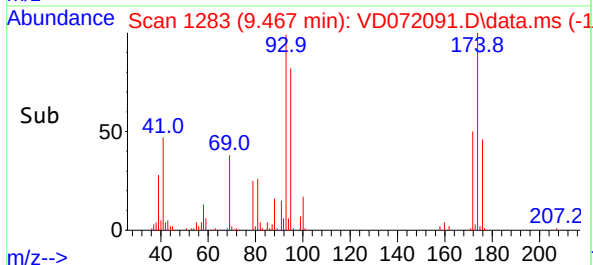
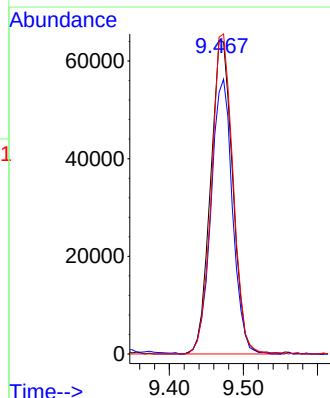
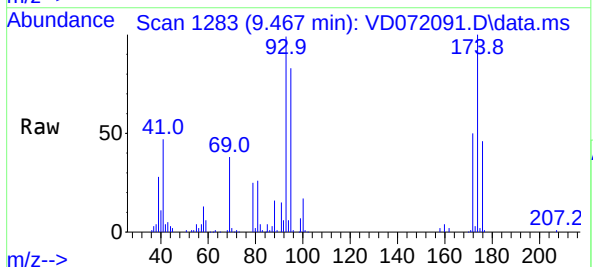
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

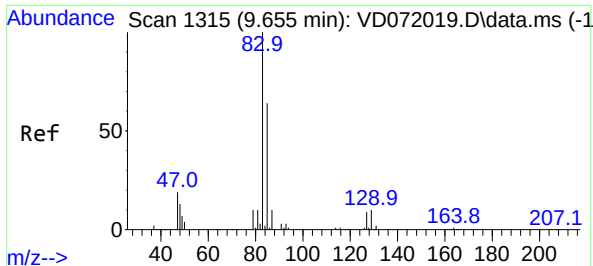
Tgt Ion: 63 Resp: 255110
Ion Ratio Lower Upper
63 100
65 32.6 24.0 36.0



#46
Dibromomethane
Concen: 46.692 ug/l
RT: 9.467 min Scan# 1283
Delta R.T. -0.006 min
Lab File: VD072091.D
Acq: 25 Feb 2022 10:06

Tgt Ion: 93 Resp: 133182
Ion Ratio Lower Upper
93 100
95 85.2 67.5 101.3
174 99.4 80.0 120.0





#47

Bromodichloromethane

Concen: 48.192 ug/l

RT: 9.655 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD072091.D

Acq: 25 Feb 2022 10:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

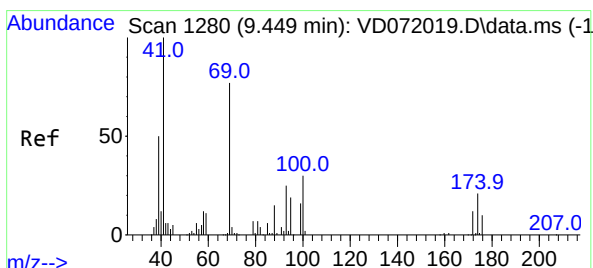
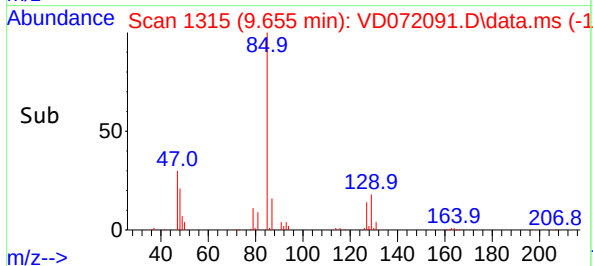
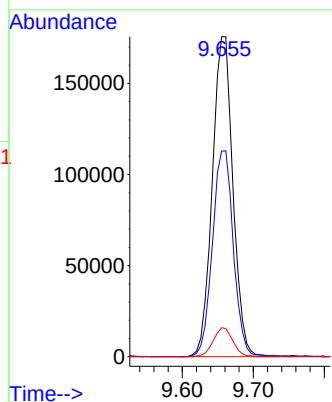
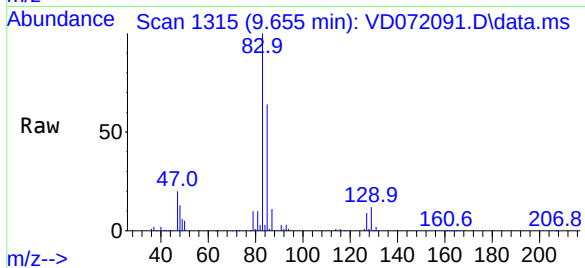
Tgt Ion: 83 Resp: 354588

Ion Ratio Lower Upper

83 100

85 64.3 51.4 77.0

127 9.1 7.0 10.6



#48

Methyl methacrylate

Concen: 45.624 ug/l

RT: 9.450 min Scan# 1280

Delta R.T. 0.000 min

Lab File: VD072091.D

Acq: 25 Feb 2022 10:06

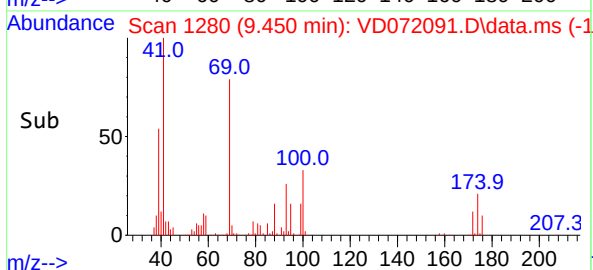
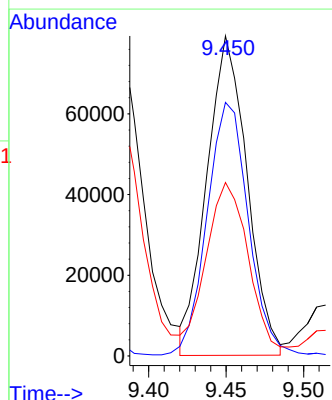
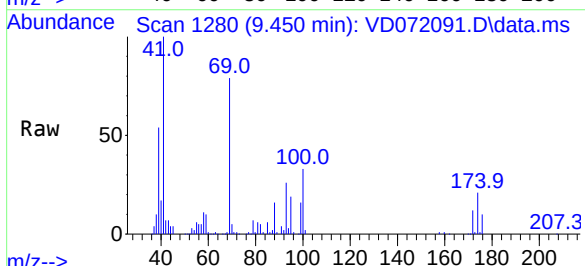
Tgt Ion: 41 Resp: 142909

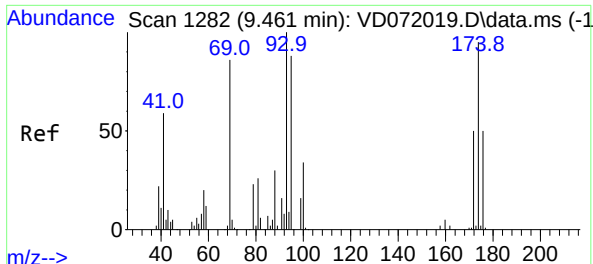
Ion Ratio Lower Upper

41 100

69 81.3 61.6 92.4

39 58.1 38.6 57.8#

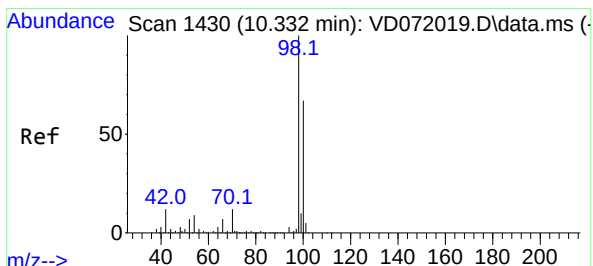
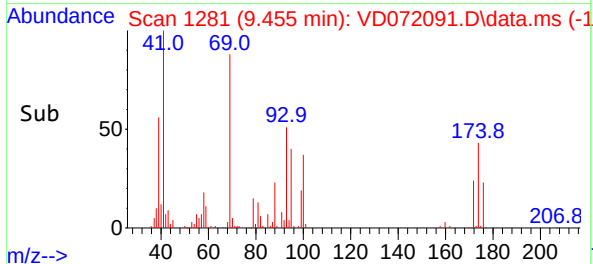
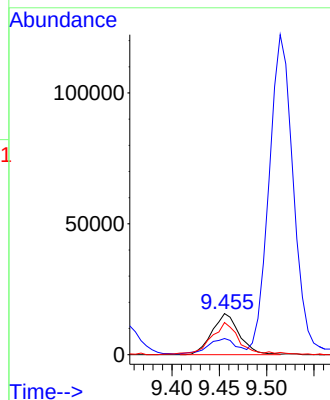
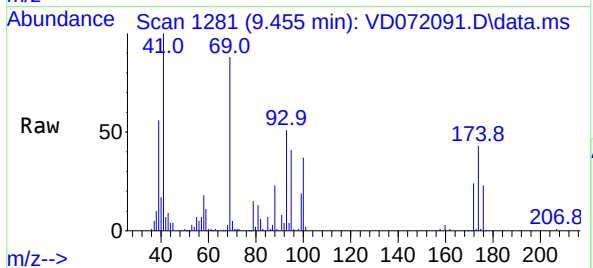




#49
1,4-Dioxane
Concen: 928.627 ug/l
RT: 9.455 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD072091.D
Acq: 25 Feb 2022 10:06

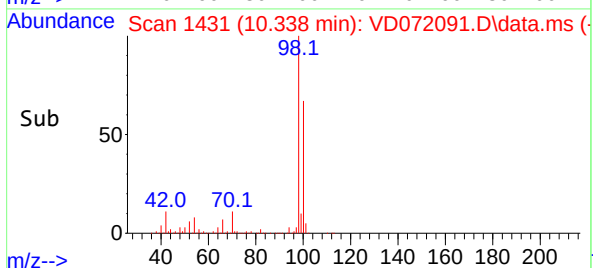
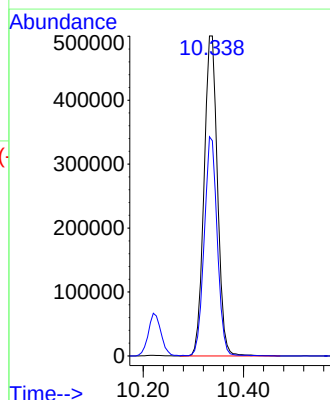
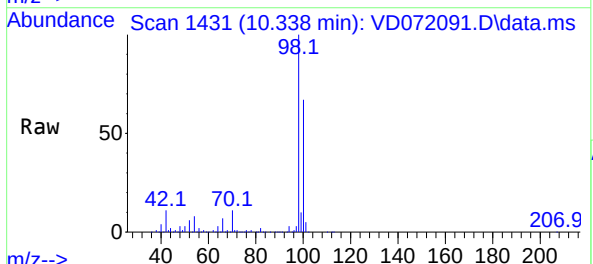
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

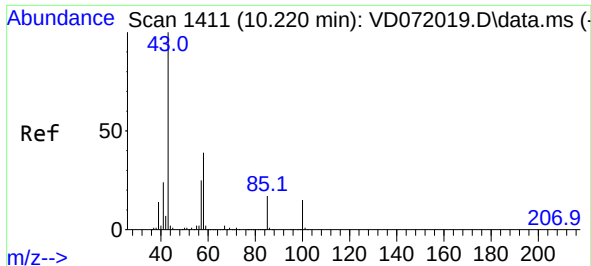
Tgt Ion: 88 Resp: 31422
Ion Ratio Lower Upper
88 100
43 39.2 29.9 44.9
58 78.1 61.0 91.4



#50
Toluene-d8
Concen: 52.991 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD072091.D
Acq: 25 Feb 2022 10:06

Tgt Ion: 98 Resp: 931575
Ion Ratio Lower Upper
98 100
100 66.6 53.8 80.6

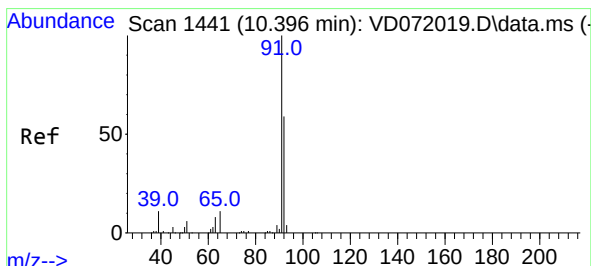
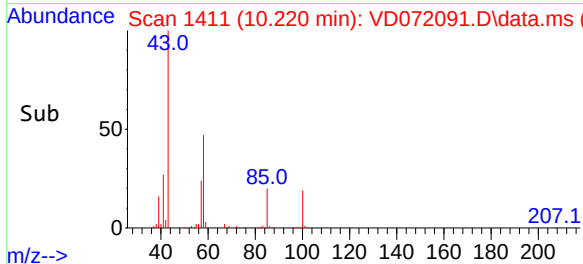
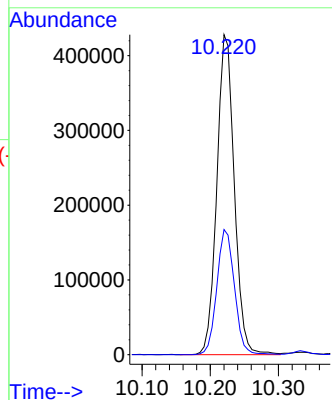
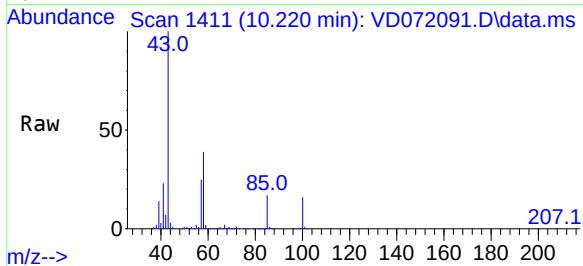




#51
4-Methyl-2-Pentanone
Concen: 232.574 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD072091.D
Acq: 25 Feb 2022 10:06

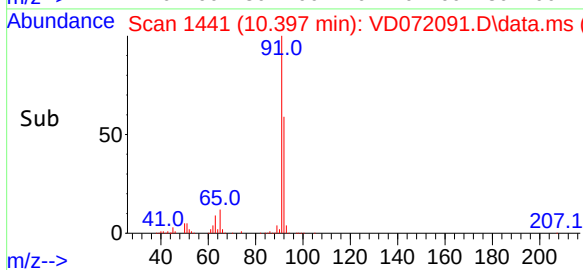
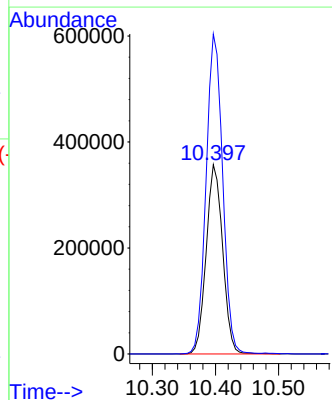
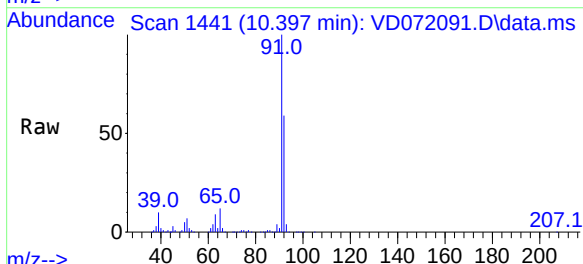
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

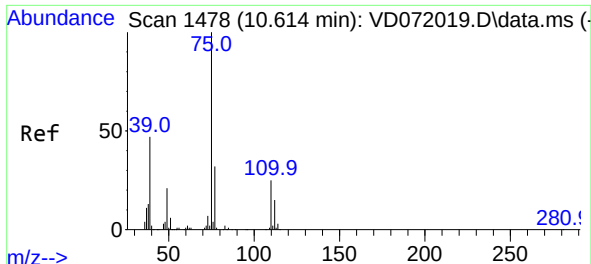
Tgt Ion: 43 Resp: 764294
Ion Ratio Lower Upper
43 100
58 39.4 30.8 46.2



#52
Toluene
Concen: 49.812 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VD072091.D
Acq: 25 Feb 2022 10:06

Tgt Ion: 92 Resp: 645916
Ion Ratio Lower Upper
92 100
91 169.7 135.6 203.4

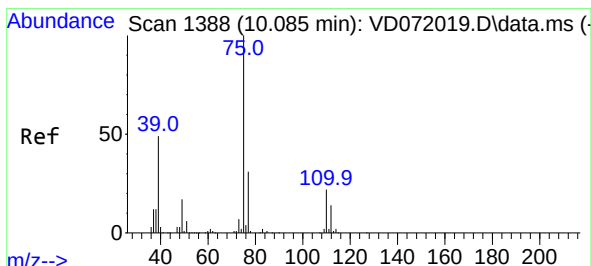
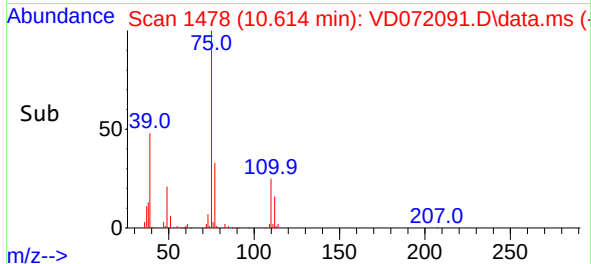
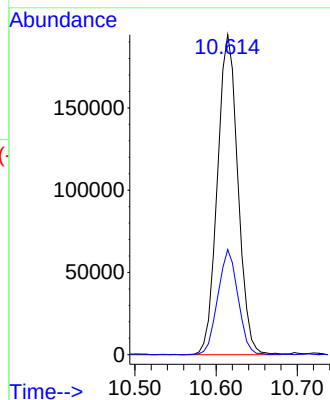
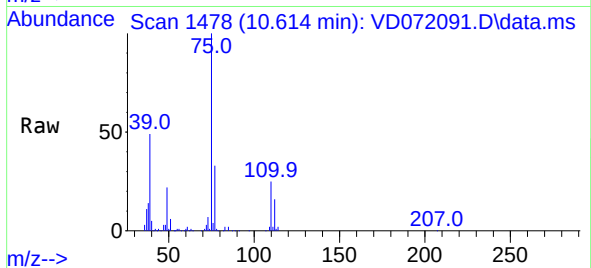




#53
t-1,3-Dichloropropene
Concen: 50.760 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VD072091.D
Acq: 25 Feb 2022 10:06

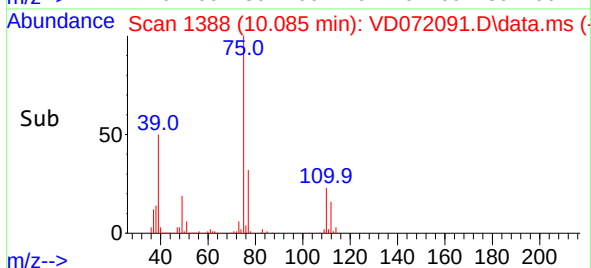
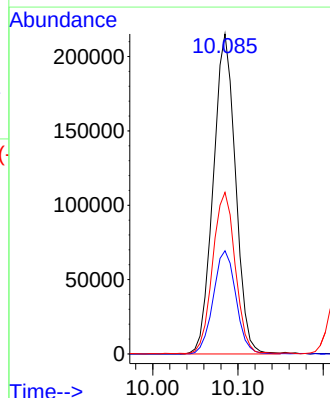
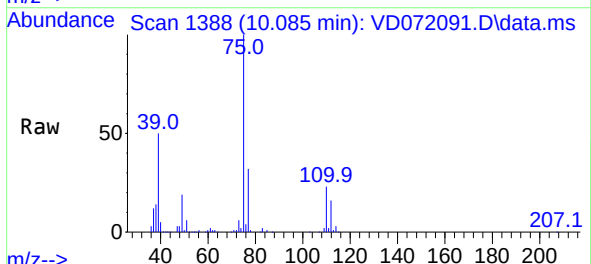
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

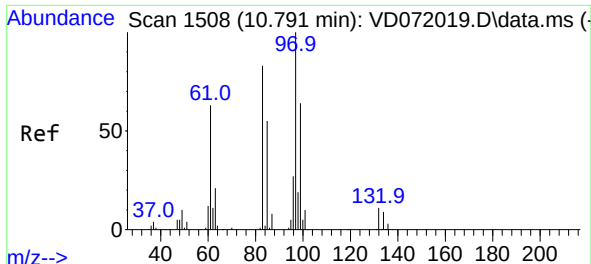
Tgt Ion: 75 Resp: 341577
Ion Ratio Lower Upper
75 100
77 32.8 25.6 38.4



#54
cis-1,3-Dichloropropene
Concen: 48.957 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. 0.000 min
Lab File: VD072091.D
Acq: 25 Feb 2022 10:06

Tgt Ion: 75 Resp: 389917
Ion Ratio Lower Upper
75 100
77 32.2 24.7 37.1
39 50.3 39.1 58.7



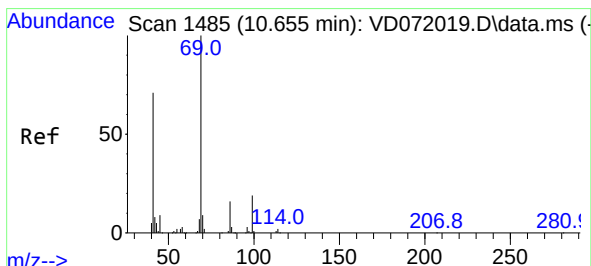
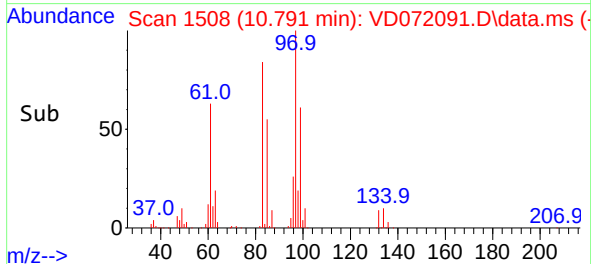
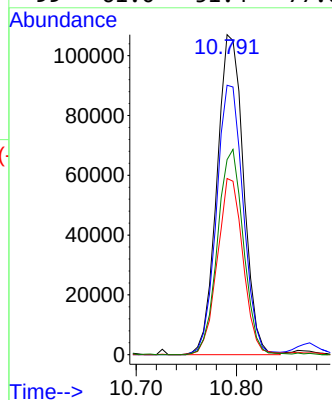
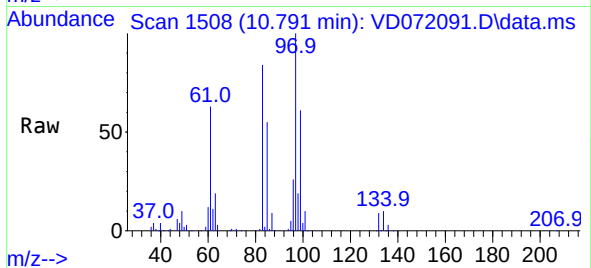


#55
1,1,2-Trichloroethane
Concen: 49.043 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VD072091.D
Acq: 25 Feb 2022 10:06

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 196858

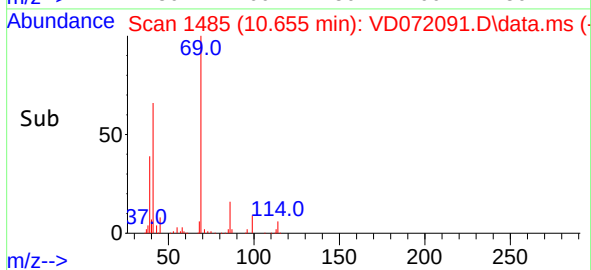
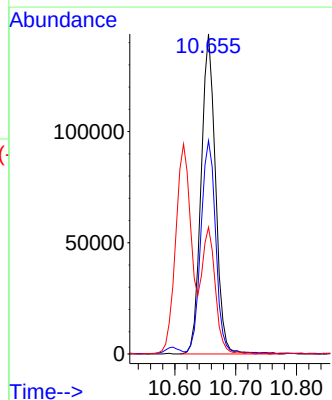
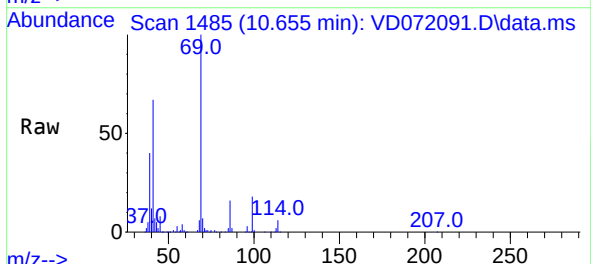
Ion	Ratio	Lower	Upper
97	100		
83	84.2	66.2	99.4
85	55.1	43.7	65.5
99	61.0	51.4	77.0

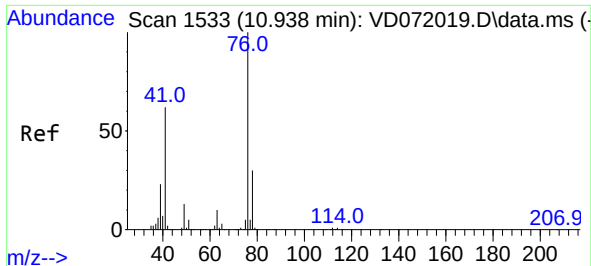


#56
Ethyl methacrylate
Concen: 49.412 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD072091.D
Acq: 25 Feb 2022 10:06

Tgt Ion: 69 Resp: 236853

Ion	Ratio	Lower	Upper
69	100		
41	68.0	56.8	85.2
39	36.1	28.2	42.4





#57

1,3-Dichloropropane

Concen: 47.784 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VD072091.D

Acq: 25 Feb 2022 10:06

Instrument :

MSVOA_D

ClientSampleId :

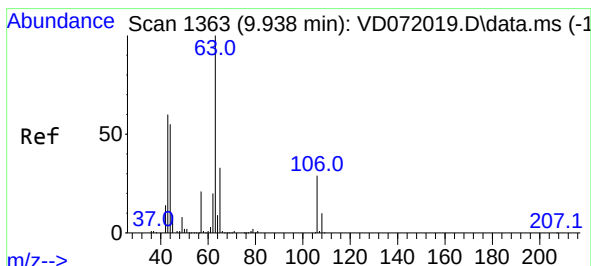
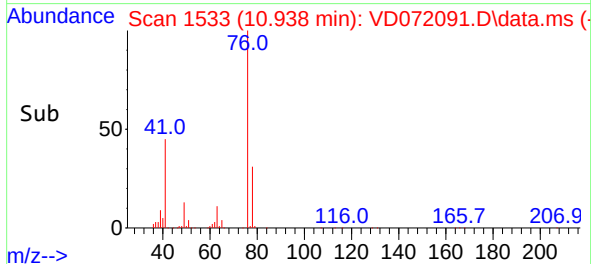
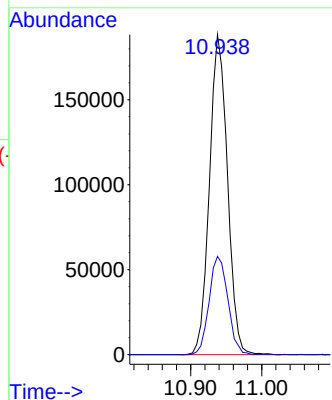
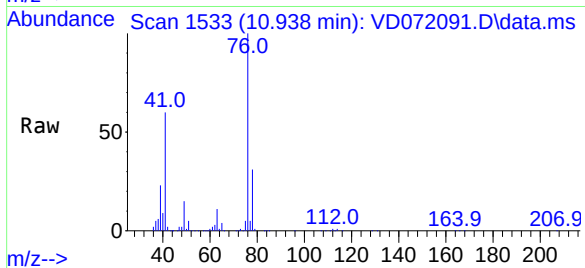
VSTDCCC050

Tgt Ion: 76 Resp: 331512

Ion Ratio Lower Upper

76 100

78 32.0 25.4 38.0



#58

2-Chloroethyl Vinyl ether

Concen: 240.131 ug/l

RT: 9.938 min Scan# 1363

Delta R.T. 0.000 min

Lab File: VD072091.D

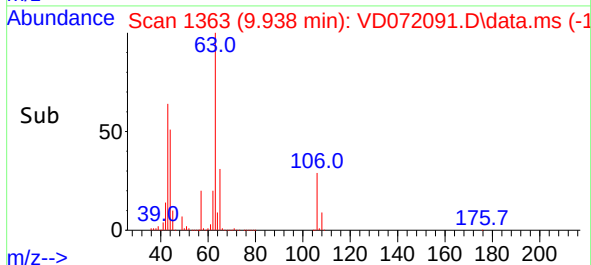
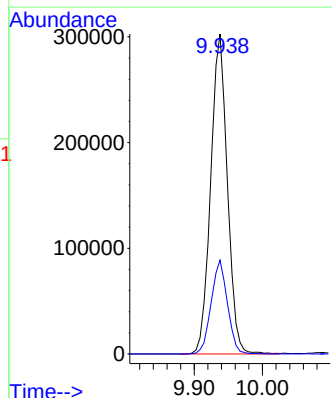
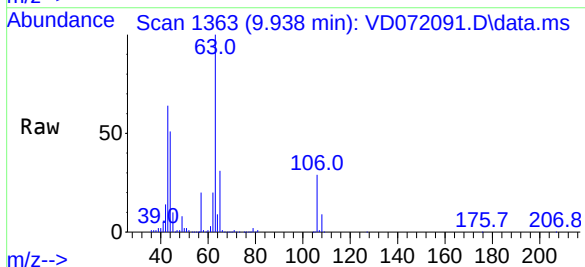
Acq: 25 Feb 2022 10:06

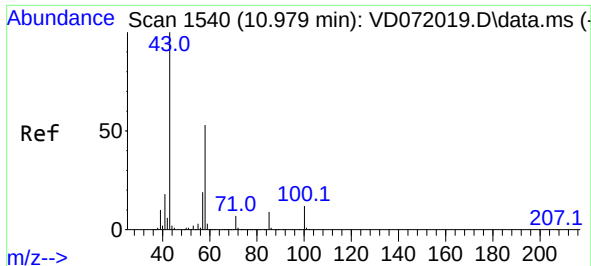
Tgt Ion: 63 Resp: 514953

Ion Ratio Lower Upper

63 100

106 28.6 22.6 33.8

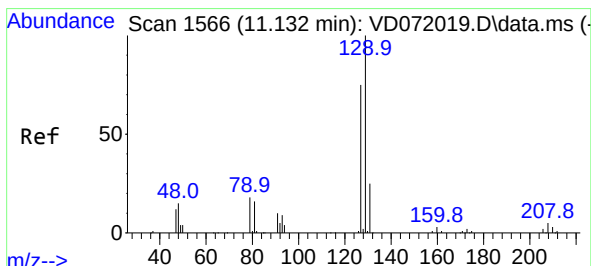
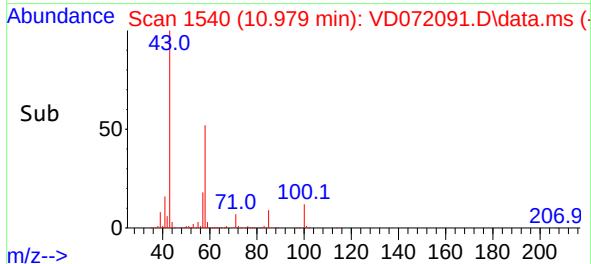
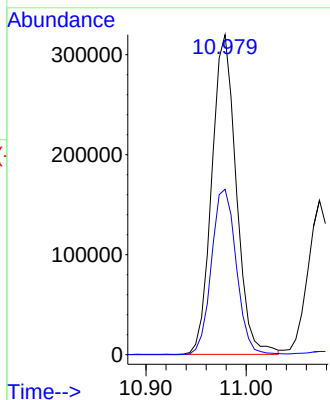
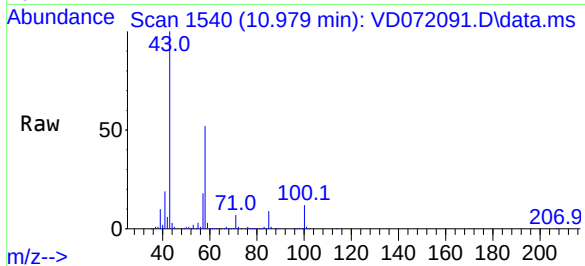




#59
2-Hexanone
Concen: 241.325 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VD072091.D
Acq: 25 Feb 2022 10:06

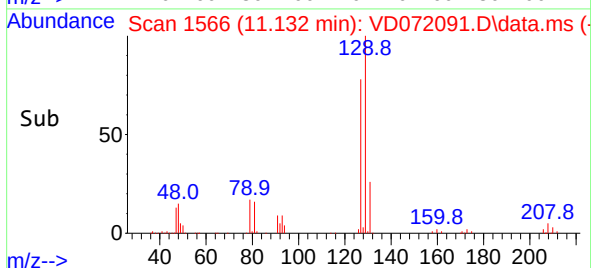
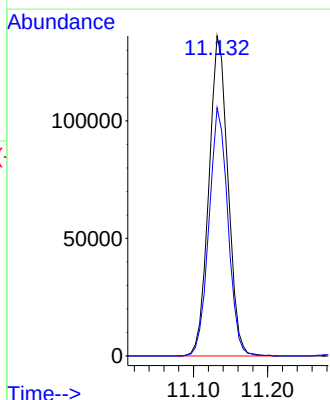
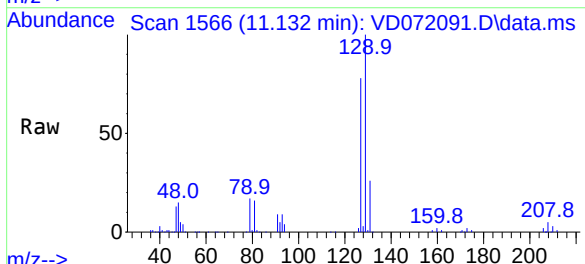
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

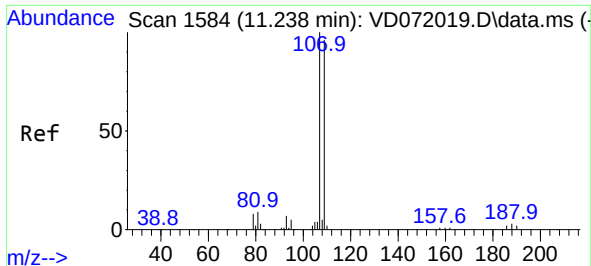
Tgt Ion: 43 Resp: 540931
Ion Ratio Lower Upper
43 100
58 52.7 27.0 80.8



#60
Dibromochloromethane
Concen: 48.589 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VD072091.D
Acq: 25 Feb 2022 10:06

Tgt Ion: 129 Resp: 243560
Ion Ratio Lower Upper
129 100
127 76.9 37.6 112.9

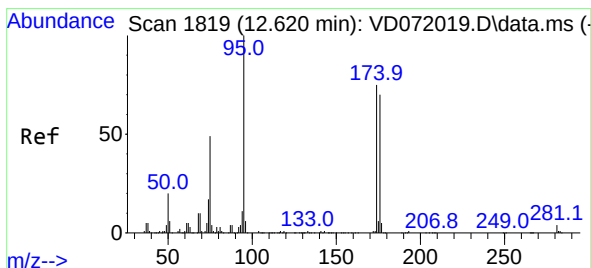
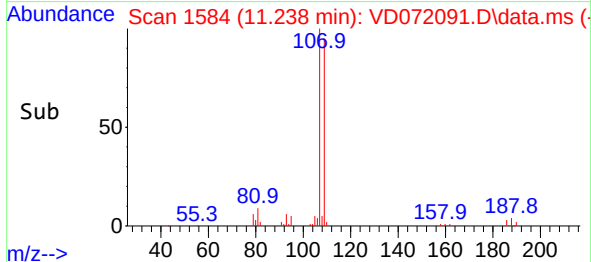
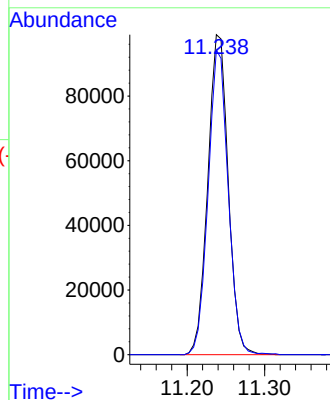
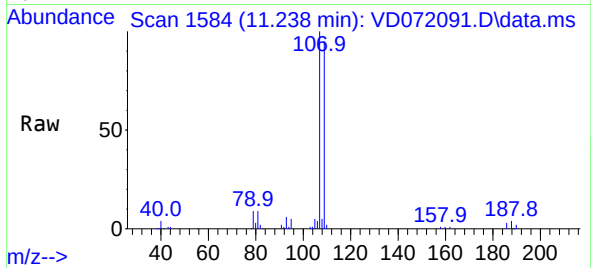




#61
1,2-Dibromoethane
Concen: 47.162 ug/l
RT: 11.238 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD072091.D
Acq: 25 Feb 2022 10:06

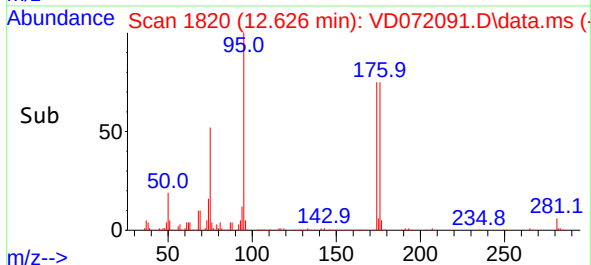
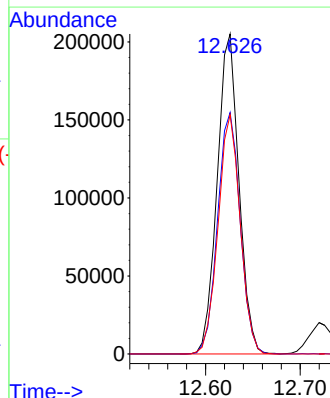
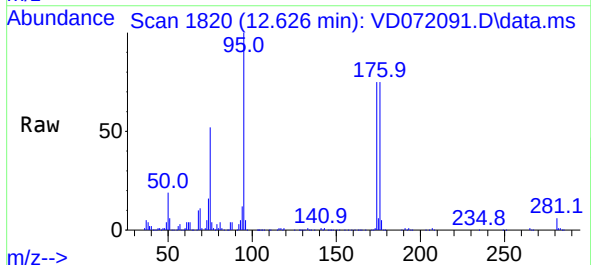
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

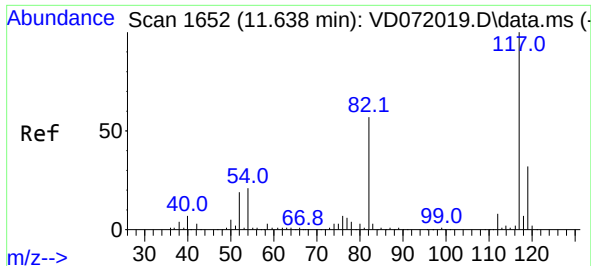
Tgt Ion:107 Resp: 180904
Ion Ratio Lower Upper
107 100
109 93.6 76.0 114.0



#62
4-Bromofluorobenzene
Concen: 50.719 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072091.D
Acq: 25 Feb 2022 10:06

Tgt Ion: 95 Resp: 327521
Ion Ratio Lower Upper
95 100
174 78.3 0.0 155.0
176 75.8 0.0 148.8

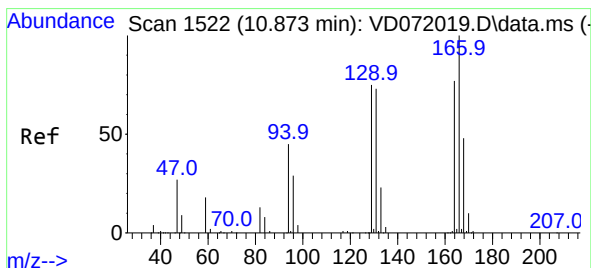
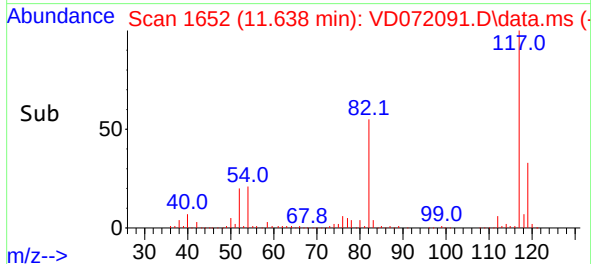
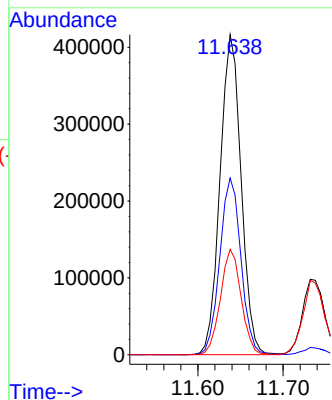
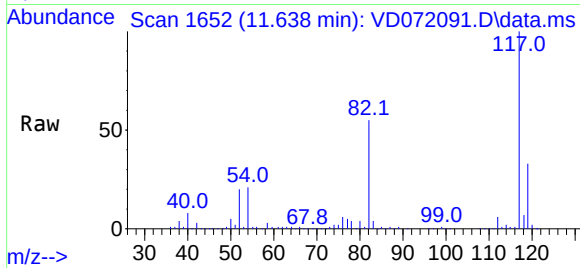




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1165
Delta R.T. 0.000 min
Lab File: VD072091.D
Acq: 25 Feb 2022 10:06

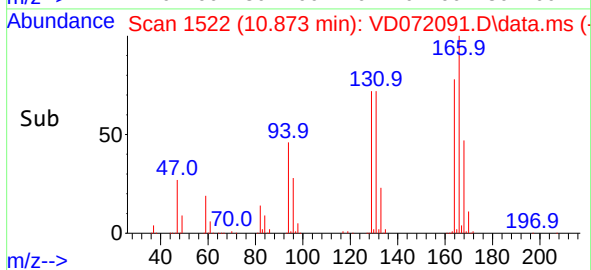
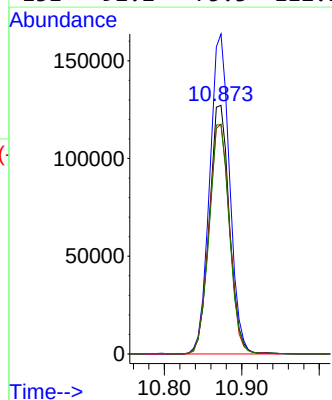
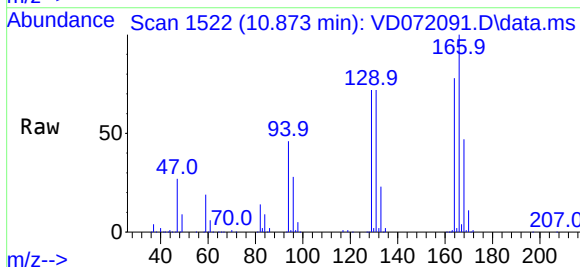
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

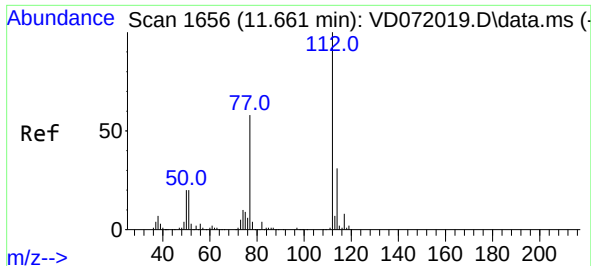
Tgt Ion:117 Resp: 716585
Ion Ratio Lower Upper
117 100
82 55.2 45.4 68.0
119 32.9 25.4 38.2



#64
Tetrachloroethene
Concen: 51.054 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VD072091.D
Acq: 25 Feb 2022 10:06

Tgt Ion:164 Resp: 230973
Ion Ratio Lower Upper
164 100
166 128.7 103.4 155.2
129 92.4 77.8 116.6
131 92.2 75.3 112.9

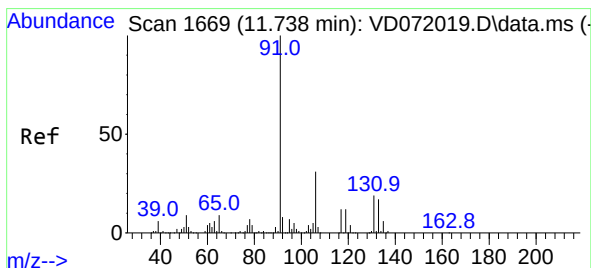
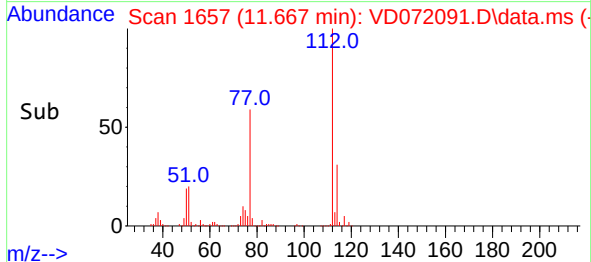
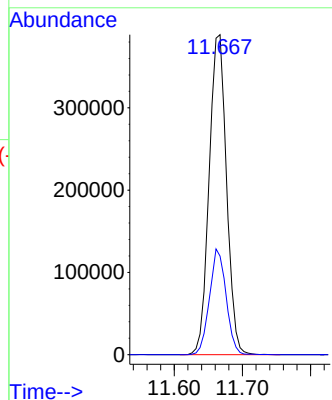
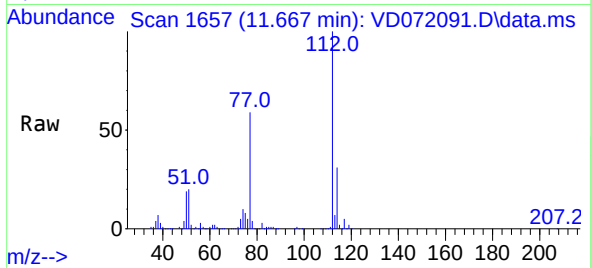




#65
Chlorobenzene
Concen: 49.732 ug/l
RT: 11.667 min Scan# 1657
Delta R.T. 0.006 min
Lab File: VD072091.D
Acq: 25 Feb 2022 10:06

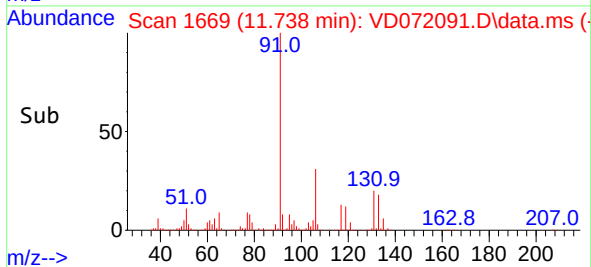
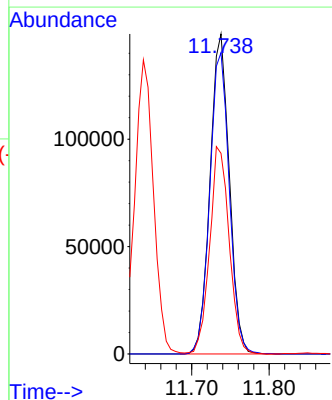
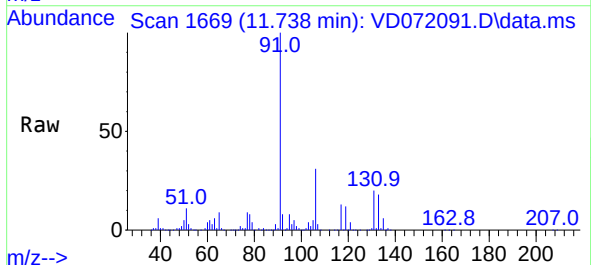
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

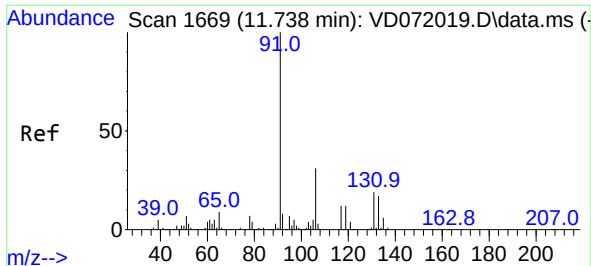
Tgt Ion:112 Resp: 690685
Ion Ratio Lower Upper
112 100
114 30.8 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 49.832 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD072091.D
Acq: 25 Feb 2022 10:06

Tgt Ion:131 Resp: 256861
Ion Ratio Lower Upper
131 100
133 95.5 47.1 141.4
119 65.7 32.8 98.3

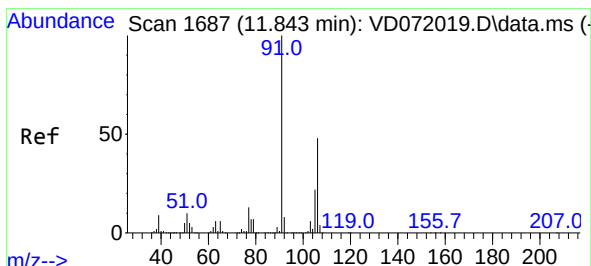
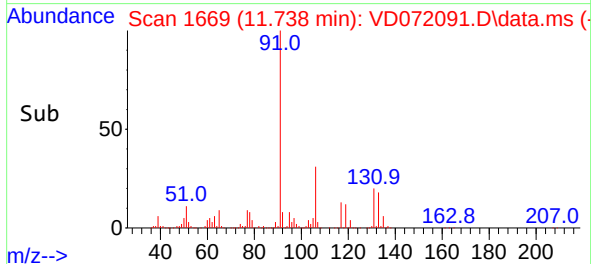
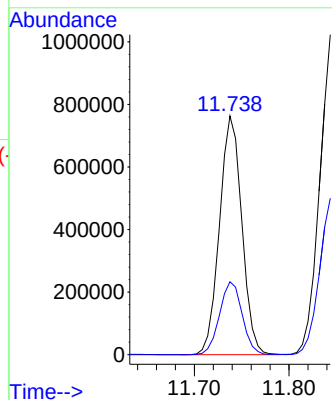
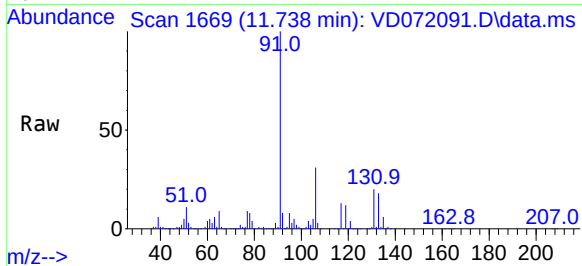




#67
Ethyl Benzene
Concen: 51.228 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD072091.D
Acq: 25 Feb 2022 10:06

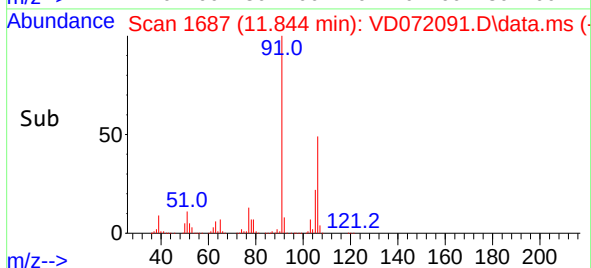
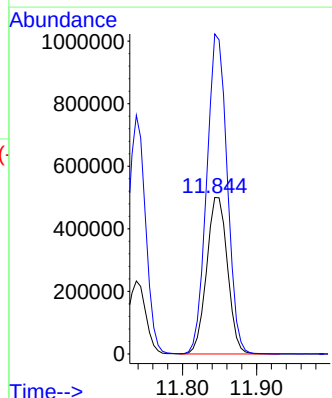
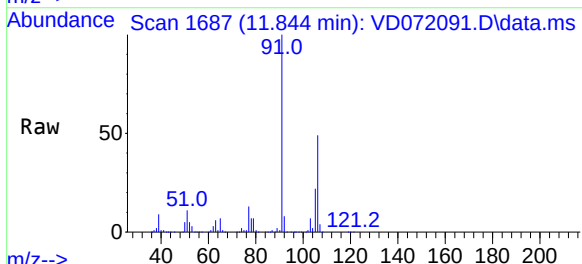
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

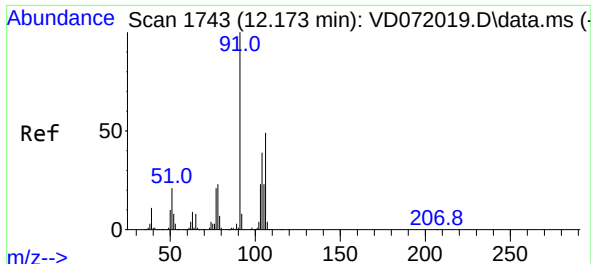
Tgt Ion: 91 Resp: 1251014
Ion Ratio Lower Upper
91 100
106 30.6 24.6 36.8



#68
m/p-Xylenes
Concen: 104.629 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VD072091.D
Acq: 25 Feb 2022 10:06

Tgt Ion: 106 Resp: 978123
Ion Ratio Lower Upper
106 100
91 200.4 162.6 243.8

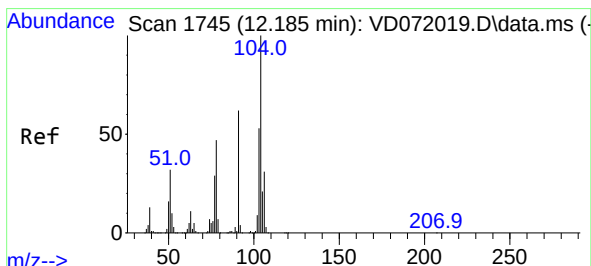
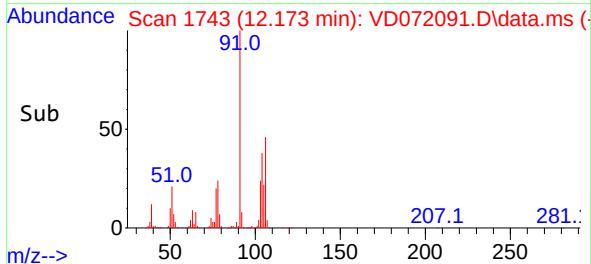
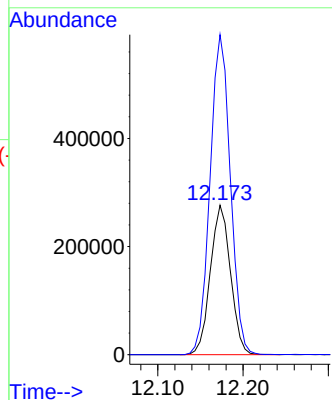
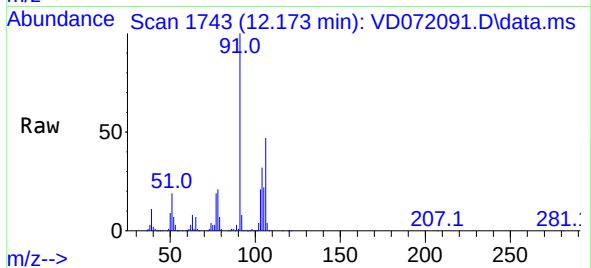




#69
o-Xylene
Concen: 51.717 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VD072091.D
Acq: 25 Feb 2022 10:06

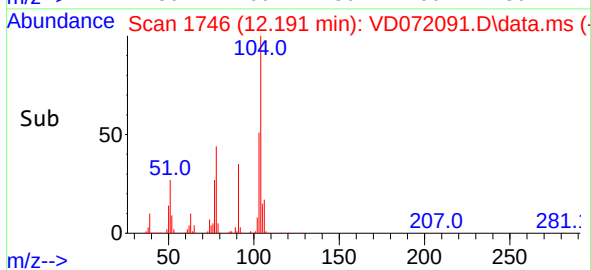
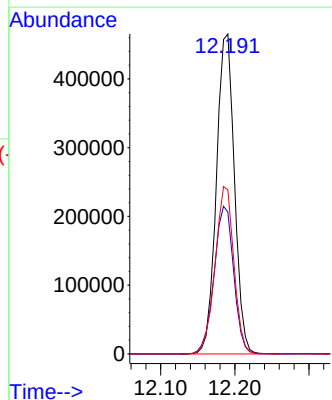
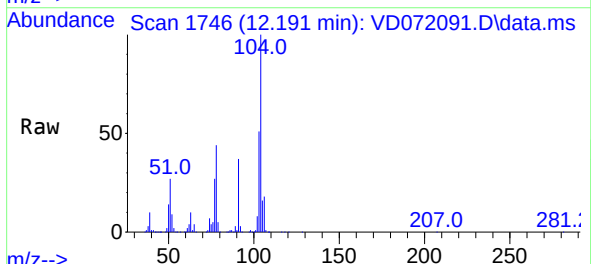
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

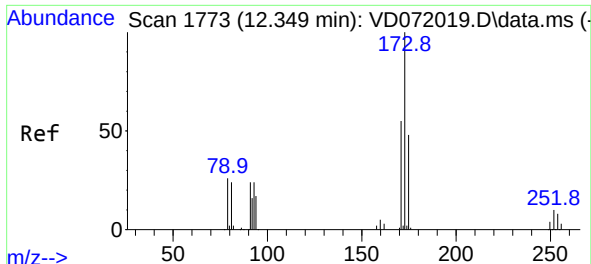
Tgt Ion:106 Resp: 454805
Ion Ratio Lower Upper
106 100
91 215.9 106.0 317.9



#70
Styrene
Concen: 52.157 ug/l
RT: 12.191 min Scan# 1746
Delta R.T. 0.006 min
Lab File: VD072091.D
Acq: 25 Feb 2022 10:06

Tgt Ion:104 Resp: 787133
Ion Ratio Lower Upper
104 100
78 50.2 40.1 60.1
103 54.5 43.7 65.5

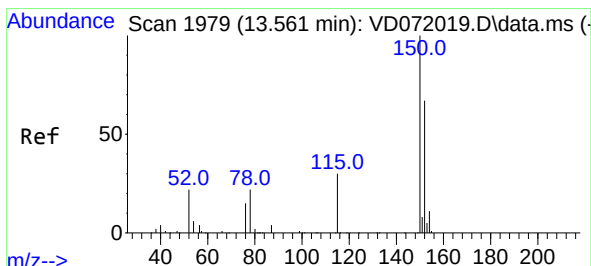
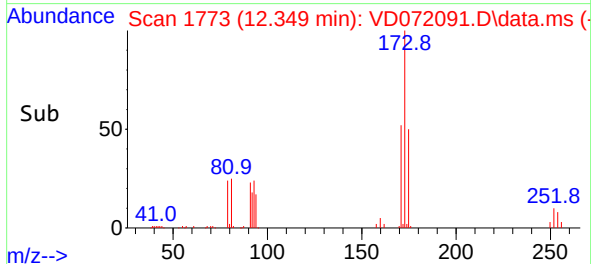
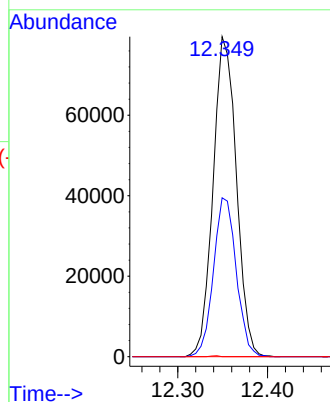
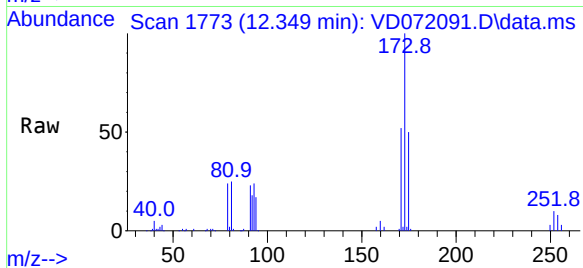




#71
Bromoform
Concen: 48.494 ug/l
RT: 12.349 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD072091.D
Acq: 25 Feb 2022 10:06

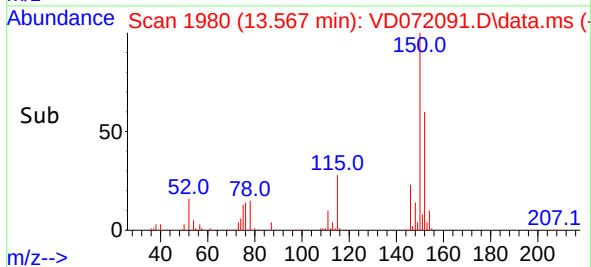
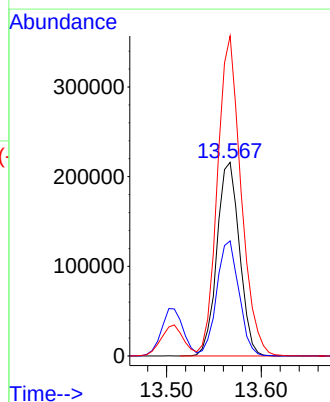
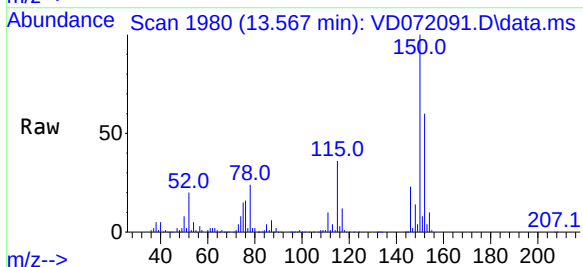
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

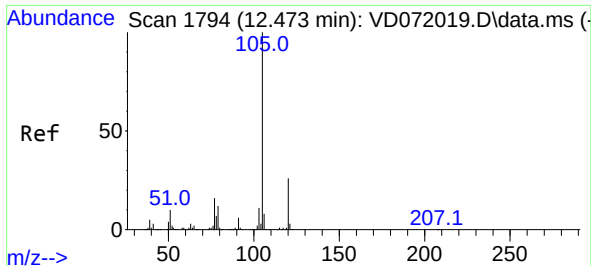
Tgt Ion:173 Resp: 143361
Ion Ratio Lower Upper
173 100
175 48.6 25.0 75.0
255 0.1 0.1 0.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD072091.D
Acq: 25 Feb 2022 10:06

Tgt Ion:152 Resp: 357626
Ion Ratio Lower Upper
152 100
115 58.9 29.9 89.7
150 172.6 0.0 347.6

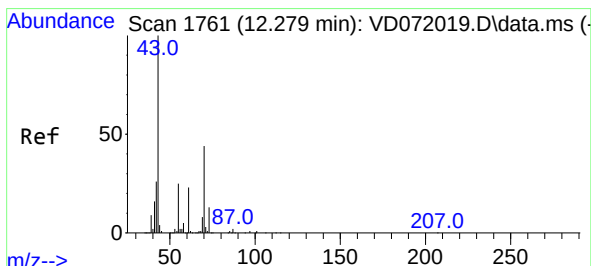
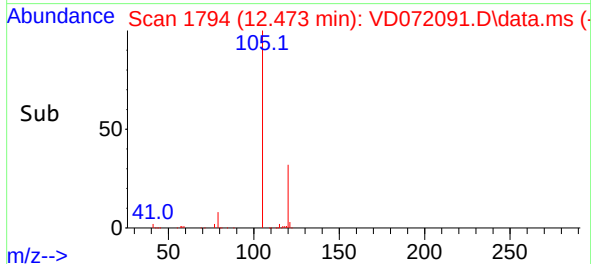
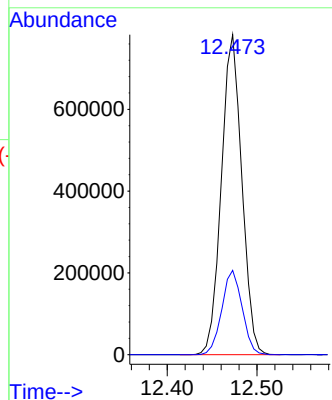
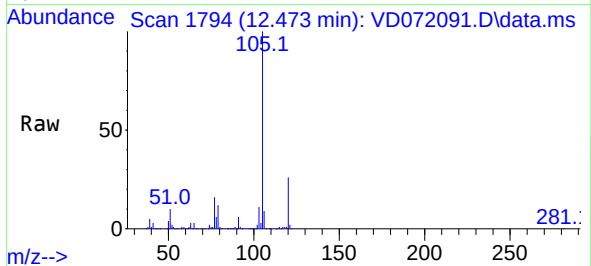




#73
Isopropylbenzene
Concen: 50.462 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VD072091.D
Acq: 25 Feb 2022 10:06

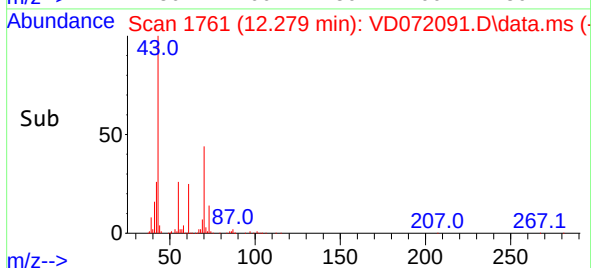
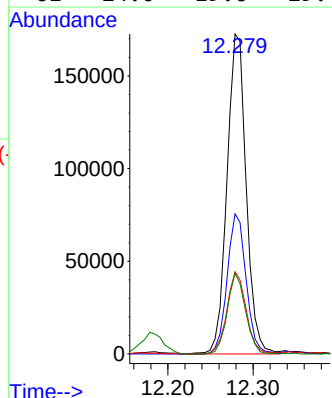
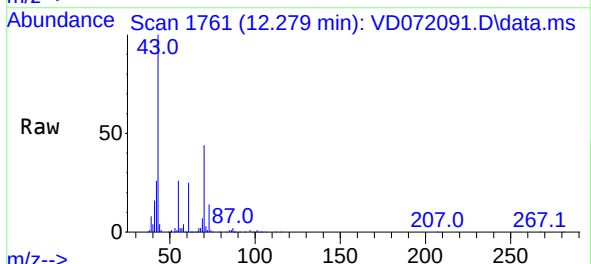
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

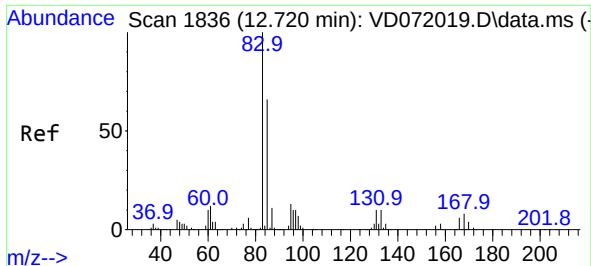
Tgt Ion:105 Resp: 1239080
Ion Ratio Lower Upper
105 100
120 26.2 13.1 39.1



#74
N-ethyl acetate
Concen: 45.606 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VD072091.D
Acq: 25 Feb 2022 10:06

Tgt Ion: 43 Resp: 270412
Ion Ratio Lower Upper
43 100
70 43.1 33.2 49.8
55 25.9 20.6 30.8
61 24.0 19.6 29.4

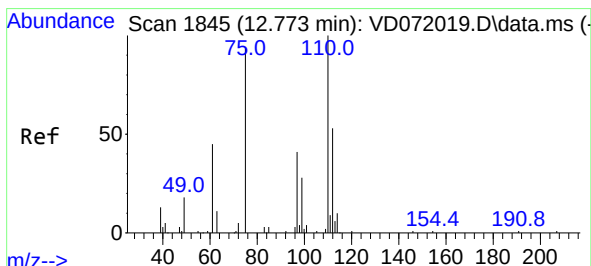
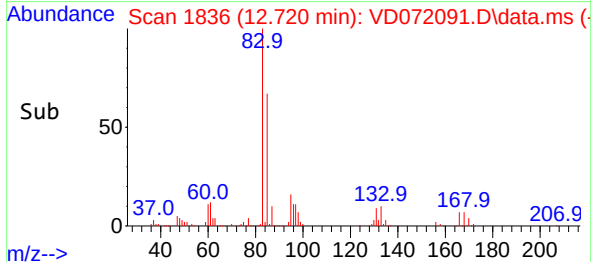
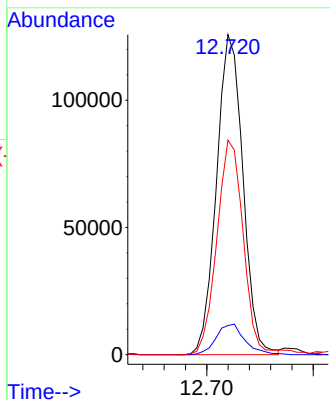
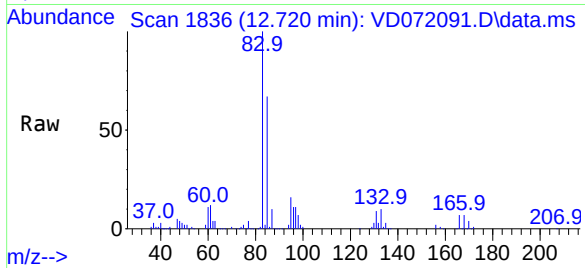




#75
1,1,2,2-Tetrachloroethane
Concen: 44.637 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VD072091.D
Acq: 25 Feb 2022 10:06

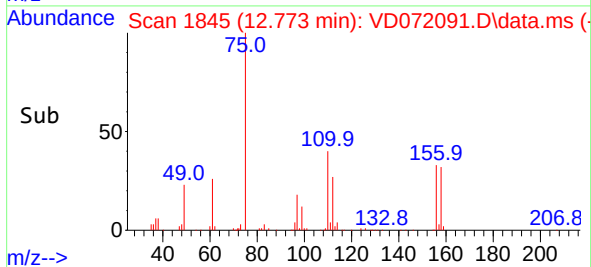
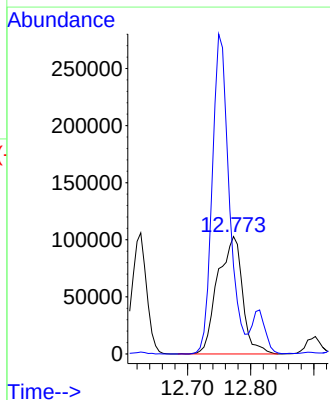
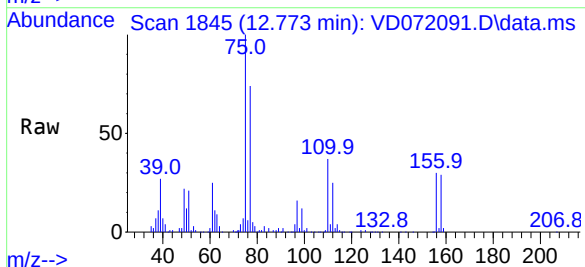
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

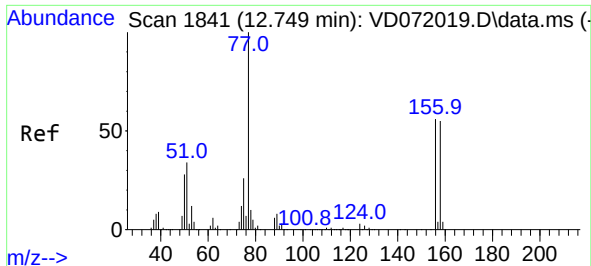
Tgt Ion: 83 Resp: 216704
Ion Ratio Lower Upper
83 100
131 10.4 5.1 15.4
85 67.5 32.4 97.2



#76
1,2,3-Trichloropropane
Concen: 82.959 ug/l
RT: 12.773 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VD072091.D
Acq: 25 Feb 2022 10:06

Tgt Ion: 75 Resp: 281026
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

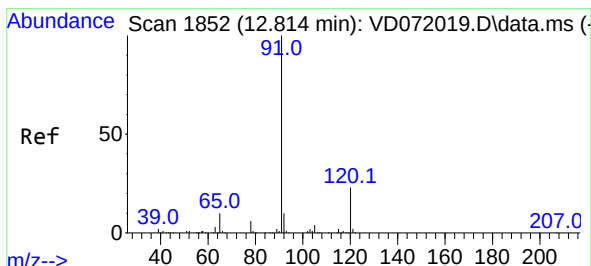
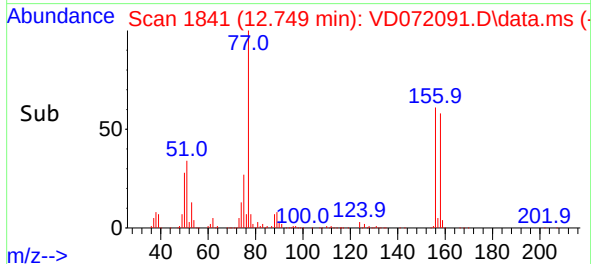
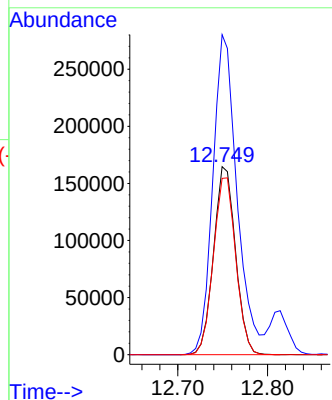
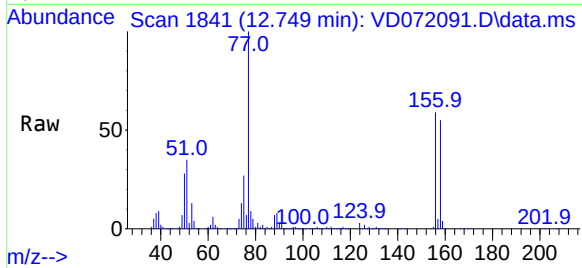




#77
Bromobenzene
Concen: 48.658 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD072091.D
Acq: 25 Feb 2022 10:06

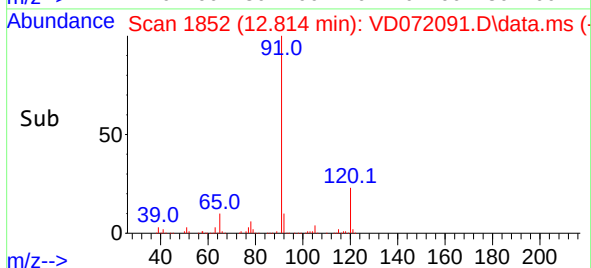
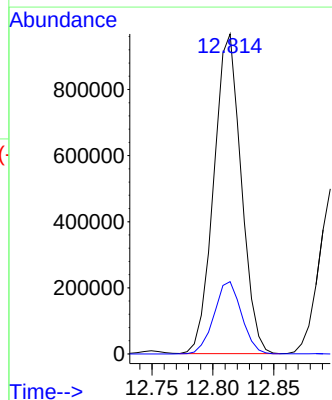
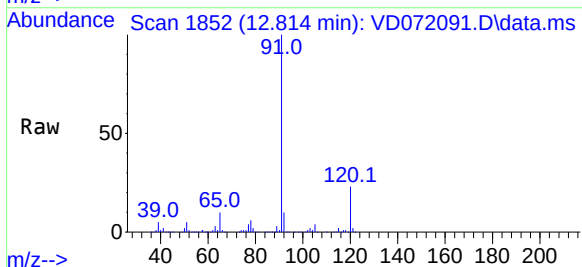
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

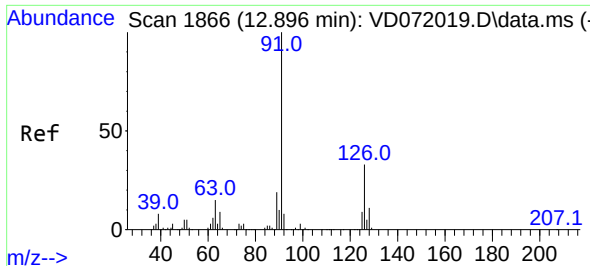
Tgt Ion:156 Resp: 279794
Ion Ratio Lower Upper
156 100
77 186.1 93.6 280.8
158 96.2 47.7 143.1



#78
n-propylbenzene
Concen: 50.080 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VD072091.D
Acq: 25 Feb 2022 10:06

Tgt Ion: 91 Resp: 1511480
Ion Ratio Lower Upper
91 100
120 22.7 11.2 33.5

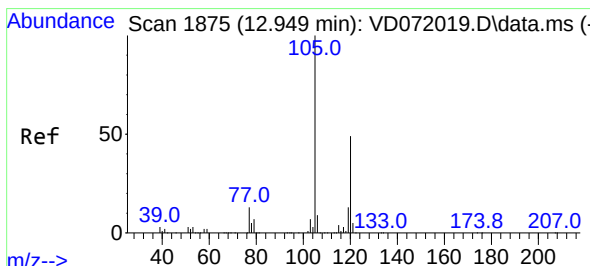
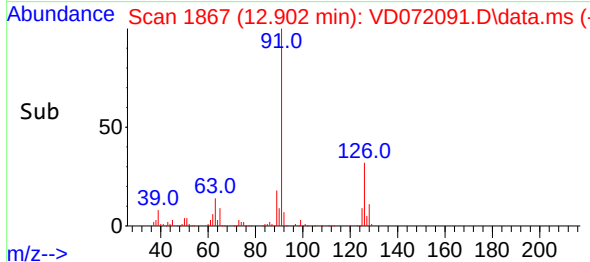
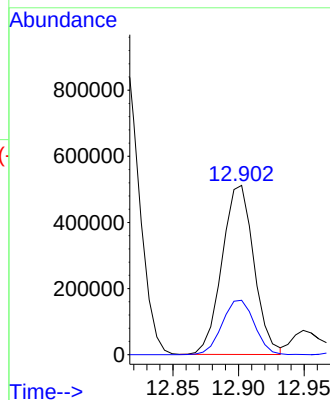
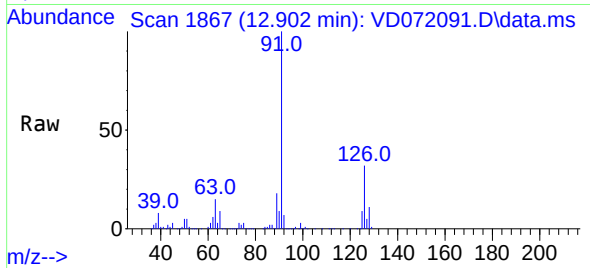




#79
2-Chlorotoluene
Concen: 49.523 ug/l
RT: 12.902 min Scan# 1867
Delta R.T. 0.006 min
Lab File: VD072091.D
Acq: 25 Feb 2022 10:06

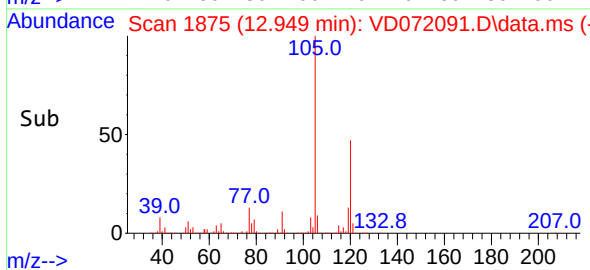
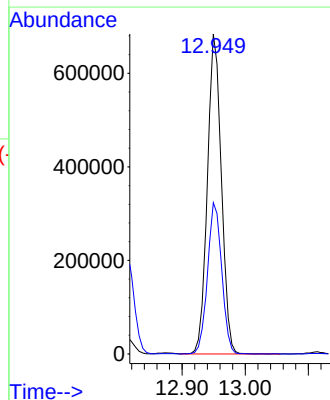
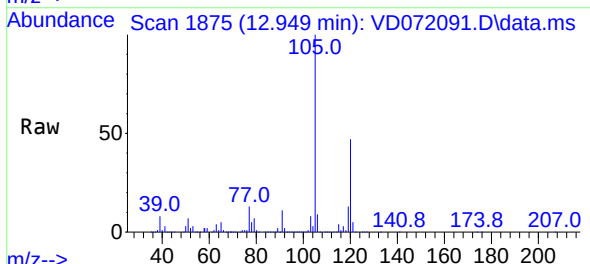
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

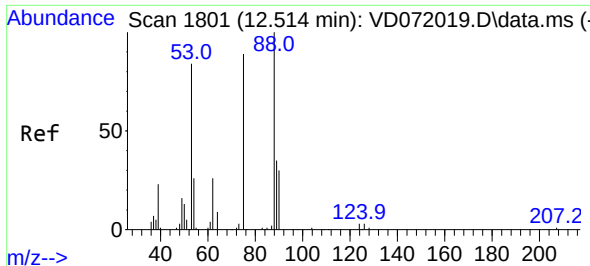
Tgt Ion: 91 Resp: 865081
Ion Ratio Lower Upper
91 100
126 32.7 16.8 50.4



#80
1,3,5-Trimethylbenzene
Concen: 51.351 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD072091.D
Acq: 25 Feb 2022 10:06

Tgt Ion:105 Resp: 1052873
Ion Ratio Lower Upper
105 100
120 48.1 24.9 74.7

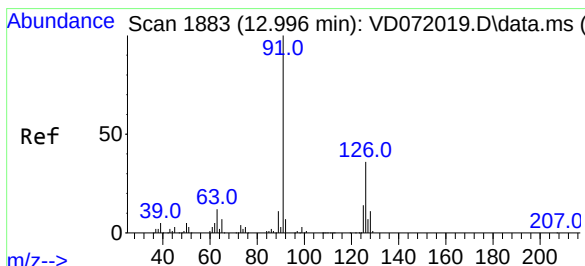
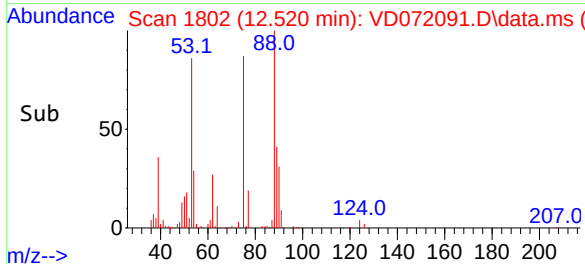
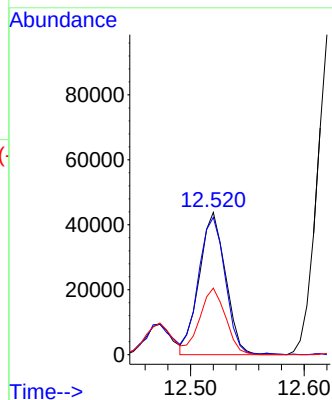
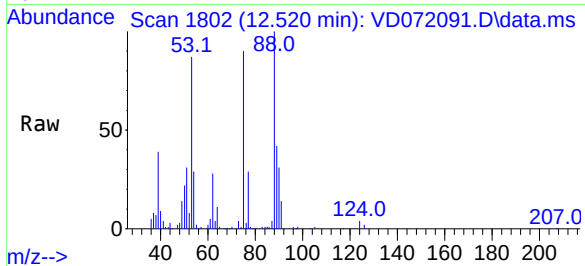




#81
trans-1,4-Dichloro-2-butene
Concen: 52.280 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. 0.006 min
Lab File: VD072091.D
Acq: 25 Feb 2022 10:06

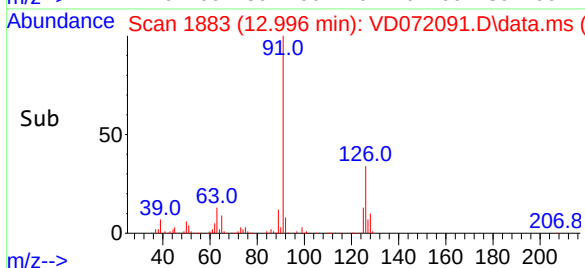
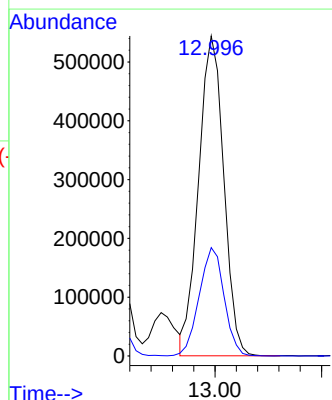
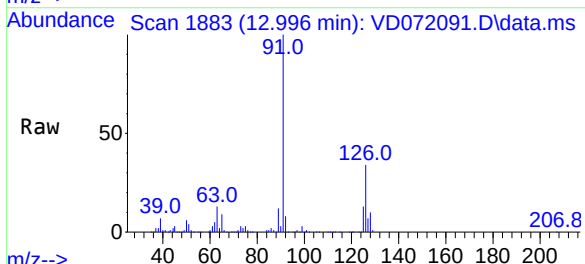
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

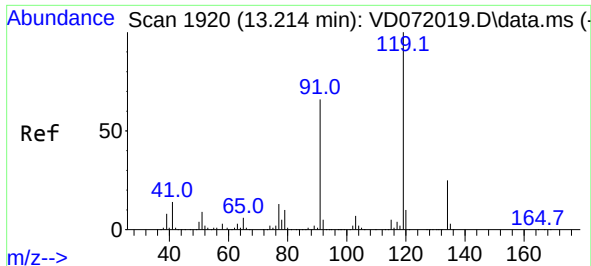
Tgt Ion: 75 Resp: 70721
Ion Ratio Lower Upper
75 100
53 98.2 80.2 120.4
89 46.1 36.4 54.6



#82
4-Chlorotoluene
Concen: 49.129 ug/l
RT: 12.996 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VD072091.D
Acq: 25 Feb 2022 10:06

Tgt Ion: 91 Resp: 893193
Ion Ratio Lower Upper
91 100
126 33.6 16.9 50.6

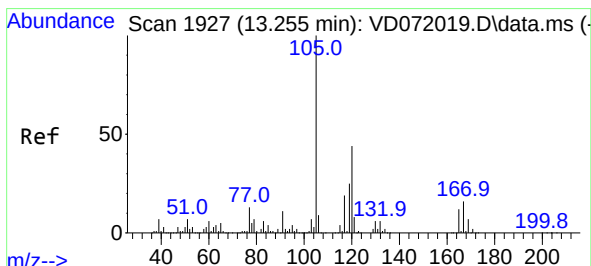
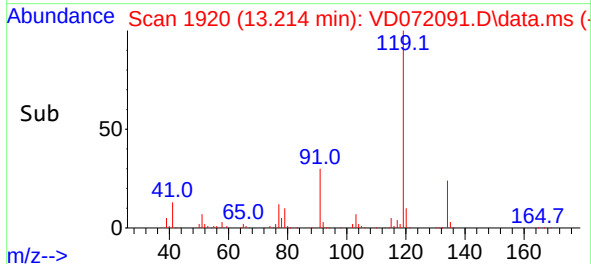
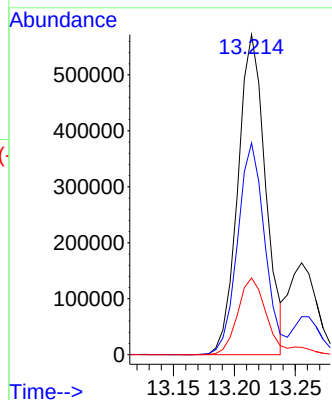
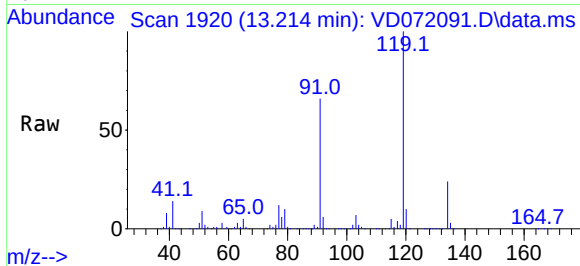




#83
tert-Butylbenzene
Concen: 51.282 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. 0.000 min
Lab File: VD072091.D
Acq: 25 Feb 2022 10:06

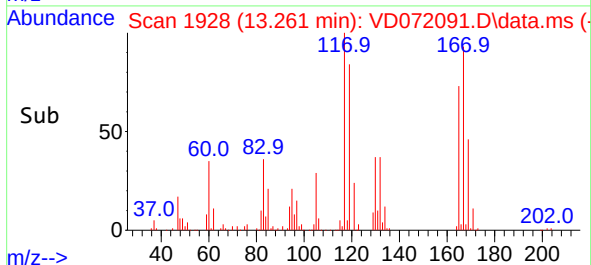
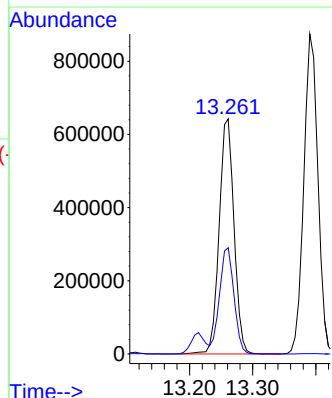
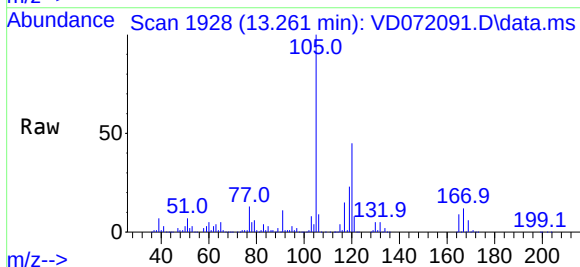
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

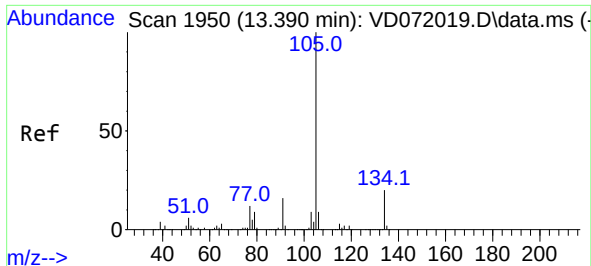
Tgt Ion:119 Resp: 903410
Ion Ratio Lower Upper
119 100
91 65.7 32.5 97.5
134 26.3 13.1 39.3



#84
1,2,4-Trimethylbenzene
Concen: 51.988 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. 0.006 min
Lab File: VD072091.D
Acq: 25 Feb 2022 10:06

Tgt Ion:105 Resp: 1047860
Ion Ratio Lower Upper
105 100
120 44.0 22.4 67.3

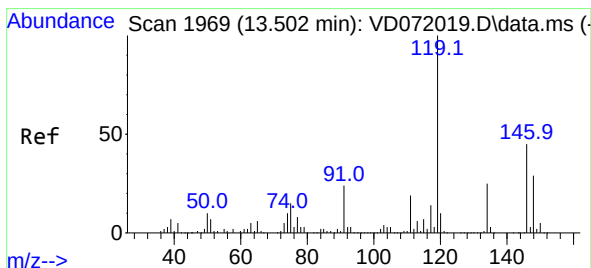
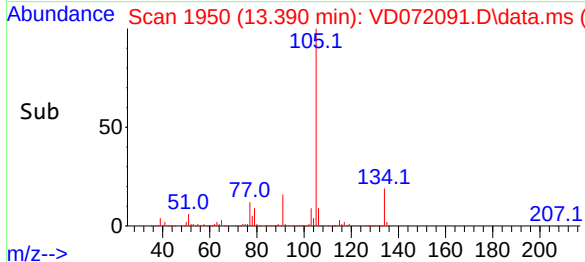
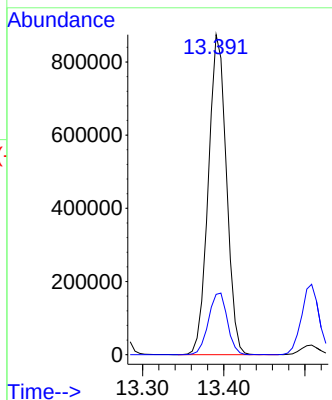
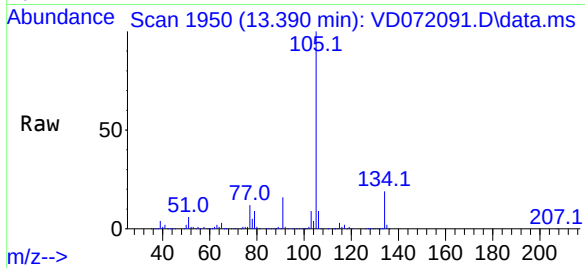




#85
 sec-Butylbenzene
 Concen: 50.380 ug/l
 RT: 13.390 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: VD072091.D
 Acq: 25 Feb 2022 10:06

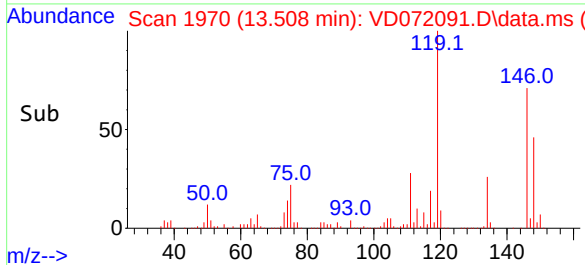
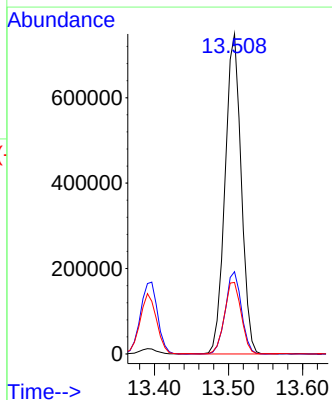
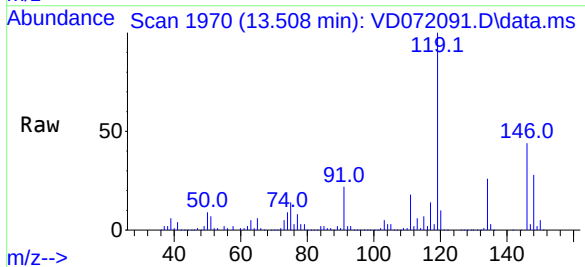
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

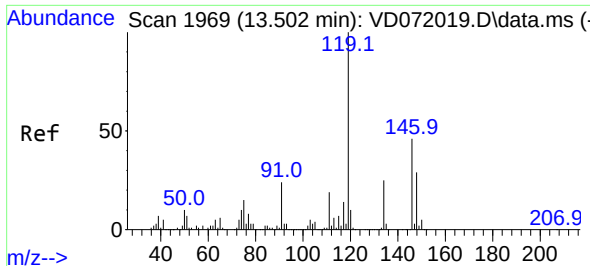
Tgt Ion:105 Resp: 1351959
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.0 29.8



#86
 p-Isopropyltoluene
 Concen: 51.428 ug/l
 RT: 13.508 min Scan# 1970
 Delta R.T. 0.006 min
 Lab File: VD072091.D
 Acq: 25 Feb 2022 10:06

Tgt Ion:119 Resp: 1135131
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.0 38.9
 91 23.1 11.9 35.5

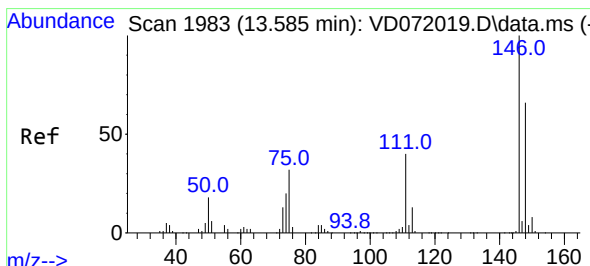
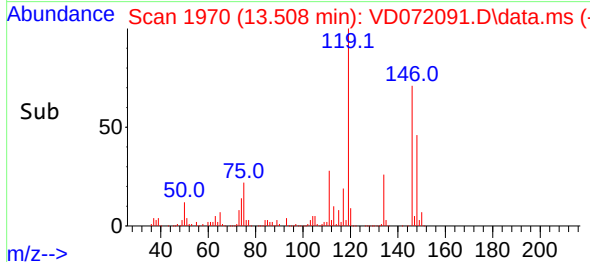
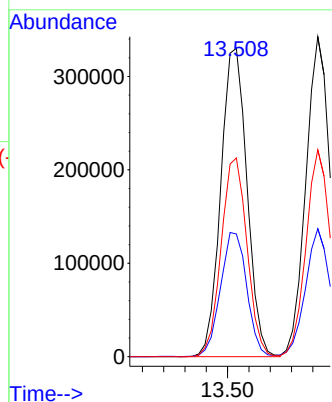
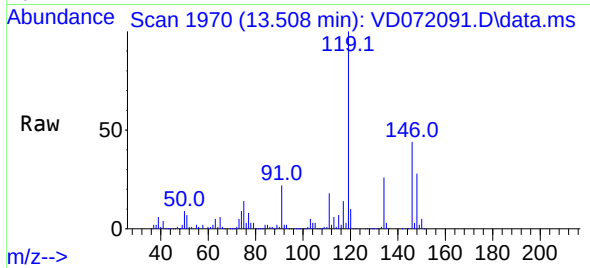




#87
 1,3-Dichlorobenzene
 Concen: 48.501 ug/l
 RT: 13.508 min Scan# 1969
 Delta R.T. 0.006 min
 Lab File: VD072091.D
 Acq: 25 Feb 2022 10:06

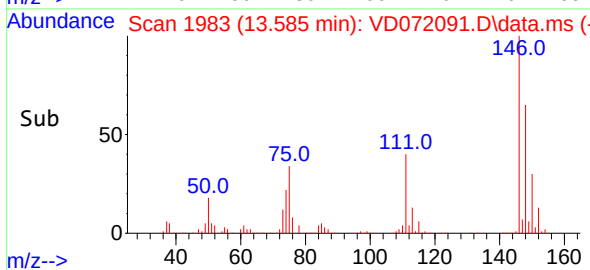
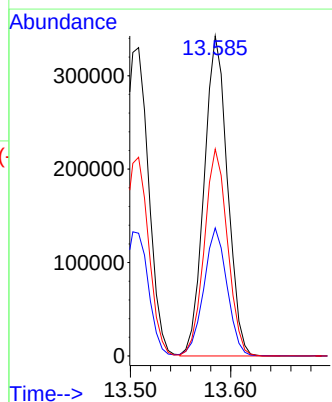
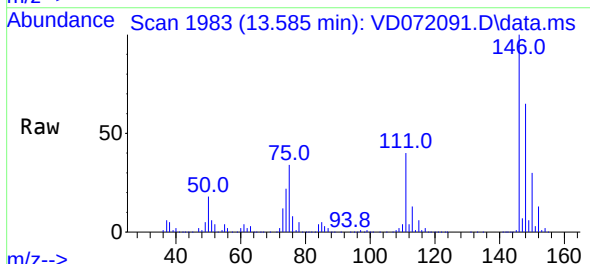
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

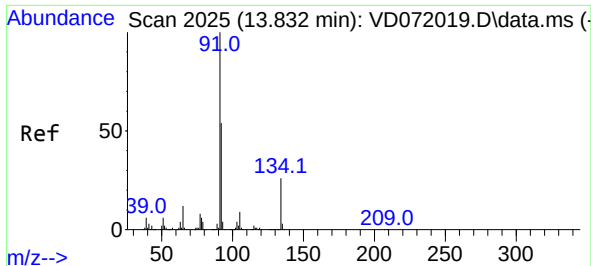
Tgt Ion:146 Resp: 563765
 Ion Ratio Lower Upper
 146 100
 111 40.5 20.0 59.9
 148 63.6 31.1 93.2



#88
 1,4-Dichlorobenzene
 Concen: 47.508 ug/l
 RT: 13.585 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VD072091.D
 Acq: 25 Feb 2022 10:06

Tgt Ion:146 Resp: 554870
 Ion Ratio Lower Upper
 146 100
 111 40.0 20.1 60.2
 148 64.4 32.5 97.5

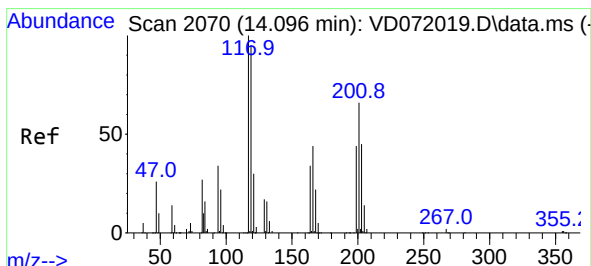
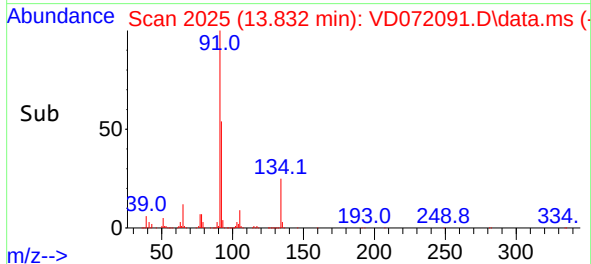
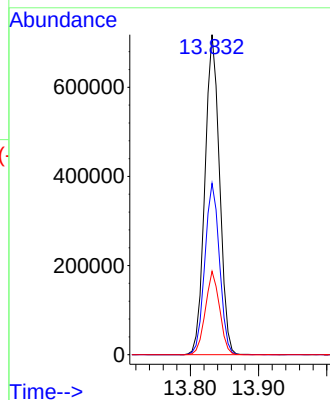
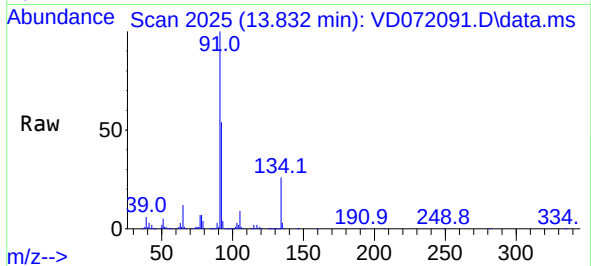




#89
n-Butylbenzene
Concen: 51.055 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. 0.000 min
Lab File: VD072091.D
Acq: 25 Feb 2022 10:06

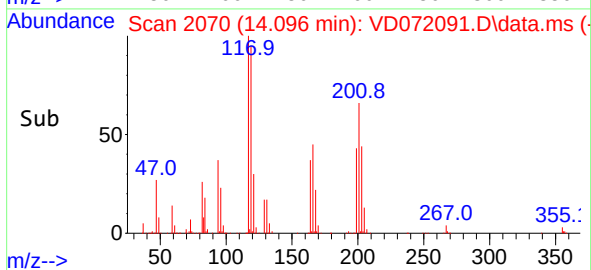
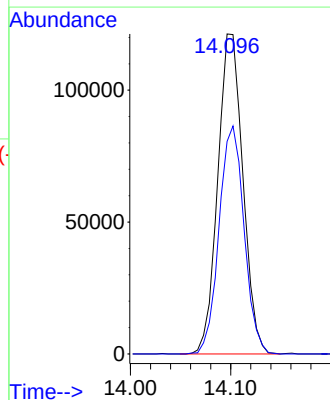
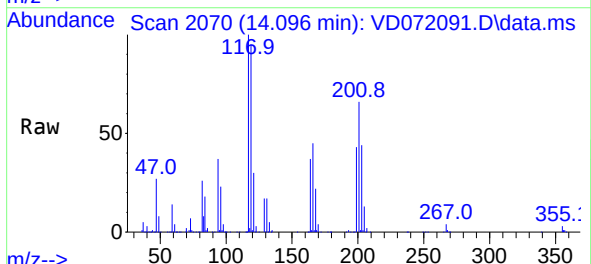
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

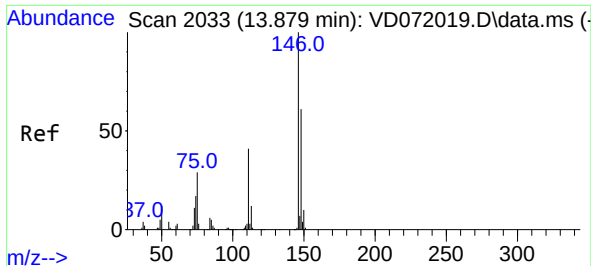
Tgt Ion: 91 Resp: 1071560
Ion Ratio Lower Upper
91 100
92 53.6 27.0 81.0
134 25.4 12.8 38.4



#90
Hexachloroethane
Concen: 47.571 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VD072091.D
Acq: 25 Feb 2022 10:06

Tgt Ion: 117 Resp: 210760
Ion Ratio Lower Upper
117 100
201 70.8 35.2 105.6





#91

1,2-Dichlorobenzene

Concen: 48.615 ug/l

RT: 13.879 min Scan# 2033

Delta R.T. 0.000 min

Lab File: VD072091.D

Acq: 25 Feb 2022 10:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

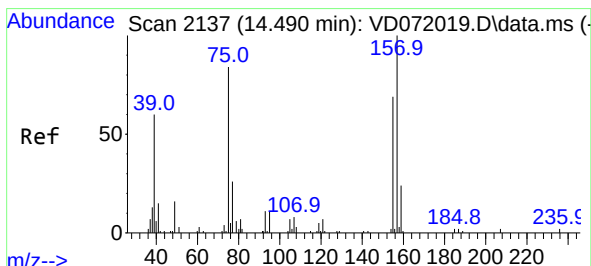
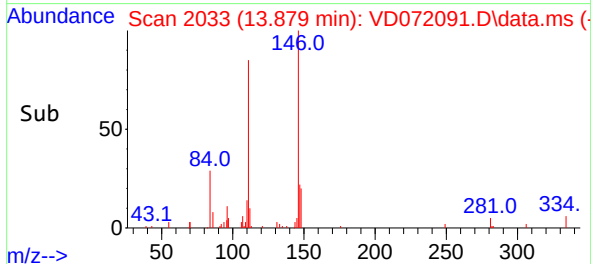
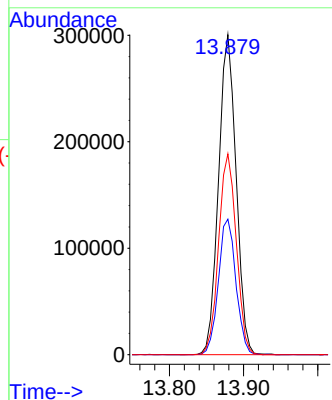
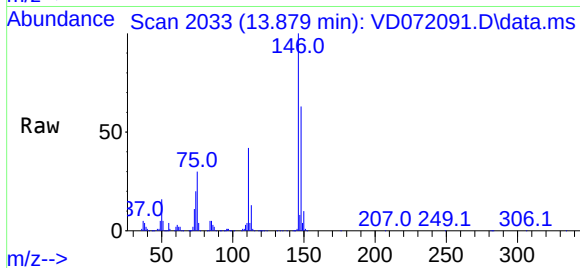
Tgt Ion:146 Resp: 495546

Ion Ratio Lower Upper

146 100

111 42.3 20.8 62.4

148 63.1 31.6 95.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 45.277 ug/l

RT: 14.490 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VD072091.D

Acq: 25 Feb 2022 10:06

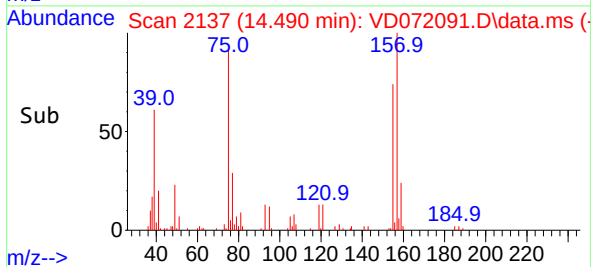
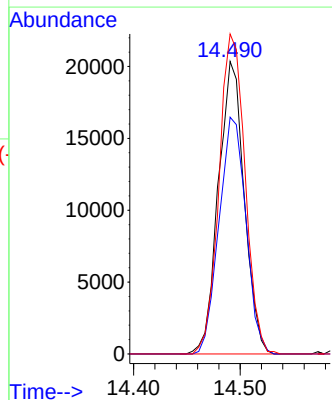
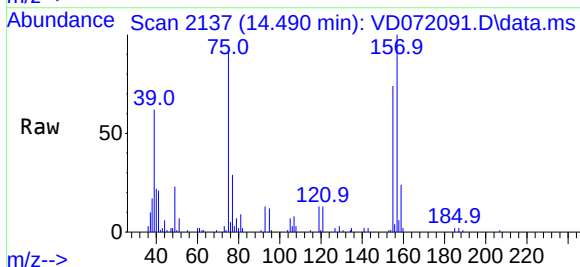
Tgt Ion: 75 Resp: 34243

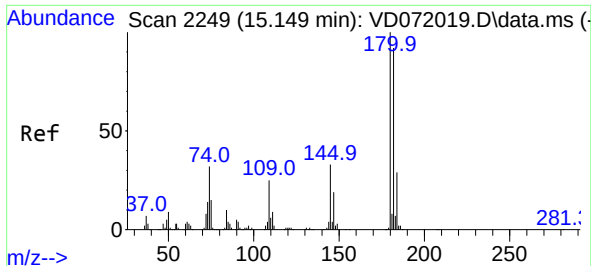
Ion Ratio Lower Upper

75 100

155 84.0 40.5 121.5

157 110.2 53.3 159.9

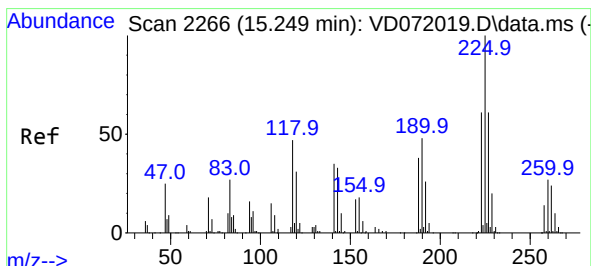
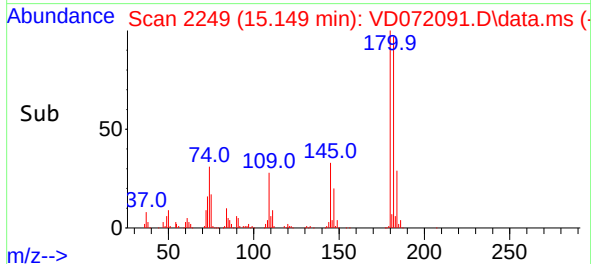
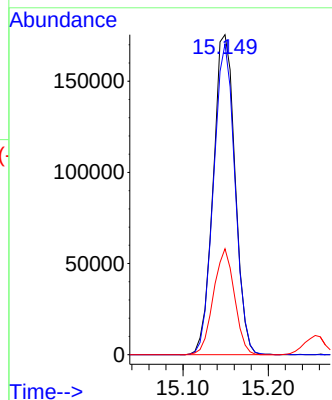
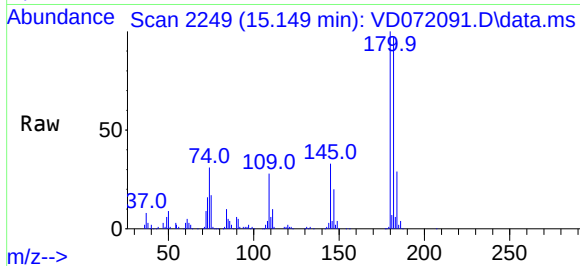




#93
1,2,4-Trichlorobenzene
Concen: 49.921 ug/l
RT: 15.149 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD072091.D
Acq: 25 Feb 2022 10:06

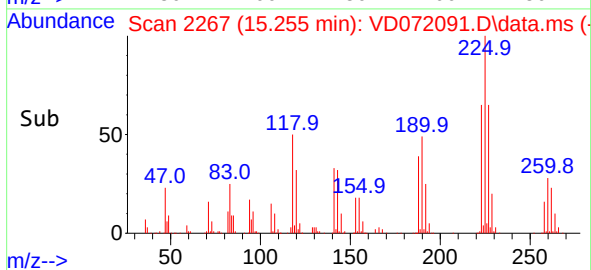
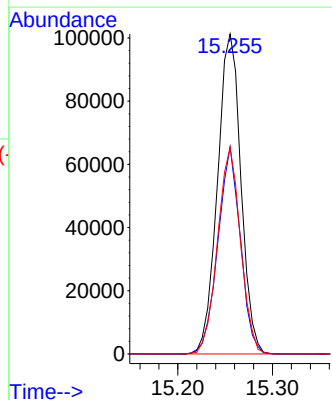
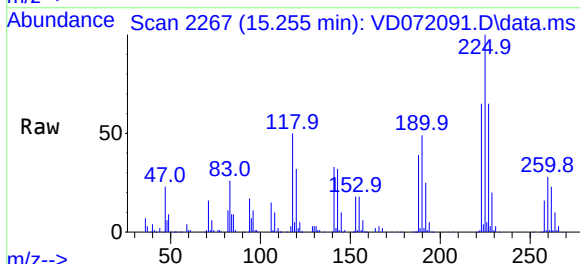
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

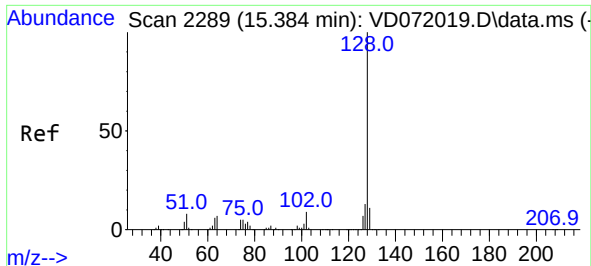
Tgt Ion:180 Resp: 312564
Ion Ratio Lower Upper
180 100
182 95.1 46.4 139.2
145 31.8 15.7 47.1



#94
Hexachlorobutadiene
Concen: 50.521 ug/l
RT: 15.255 min Scan# 2267
Delta R.T. 0.006 min
Lab File: VD072091.D
Acq: 25 Feb 2022 10:06

Tgt Ion:225 Resp: 173940
Ion Ratio Lower Upper
225 100
223 62.1 30.9 92.7
227 63.4 31.6 95.0

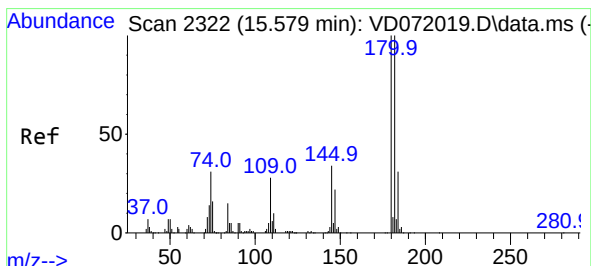
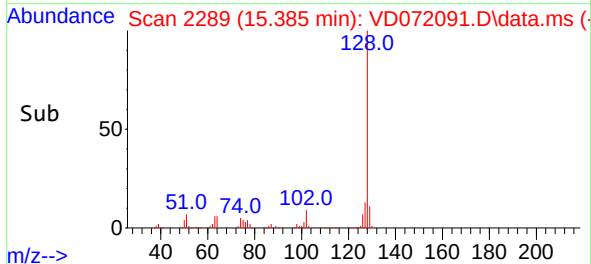
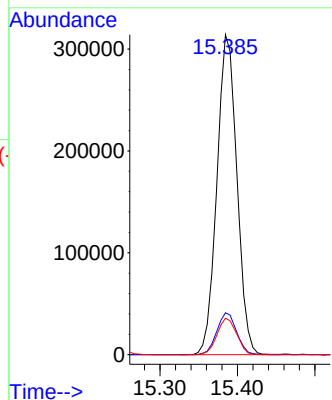
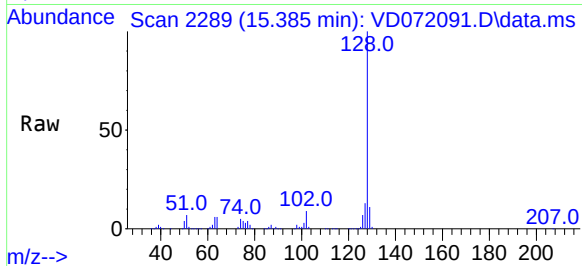




#95
Naphthalene
Concen: 49.548 ug/l
RT: 15.385 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD072091.D
Acq: 25 Feb 2022 10:06

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 563174
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.1 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 51.209 ug/l
RT: 15.579 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VD072091.D
Acq: 25 Feb 2022 10:06

Tgt Ion:180 Resp: 276559
Ion Ratio Lower Upper
180 100
182 93.1 48.1 144.3
145 33.0 16.7 50.0

