

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091222\
 Data File : VD074251.D
 Acq On : 12 Sep 2022 11:56
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 13 04:37:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 10 04:45:19 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.869	168	123233	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.769	114	201806	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.569	117	178345	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.504	152	85777	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	62648	49.864	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.720%
35) Dibromofluoromethane	7.799	113	65288	48.226	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.460%
50) Toluene-d8	10.263	98	257050	51.962	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.920%
62) 4-Bromofluorobenzene	12.557	95	81037	46.408	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.820%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	47446	49.338	ug/l	93
3) Chloromethane	2.140	50	42499	46.134	ug/l	97
4) Vinyl Chloride	2.275	62	41050	52.309	ug/l	94
5) Bromomethane	2.681	94	24487	59.253	ug/l	98
6) Chloroethane	2.822	64	24769	53.003	ug/l	93
7) Trichlorofluoromethane	3.164	101	104716	47.961	ug/l	98
8) Diethyl Ether	3.587	74	33471	47.515	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.958	101	67904	48.338	ug/l	98
10) Methyl Iodide	4.152	142	84230	50.312	ug/l	100
11) Tert butyl alcohol	5.052	59	22729	221.818	ug/l #	93
12) 1,1-Dichloroethene	3.934	96	66771	49.239	ug/l	95
13) Acrolein	3.793	56	24503	224.973	ug/l	96
14) Allyl chloride	4.552	41	103456	49.158	ug/l	99
15) Acrylonitrile	5.252	53	80438	244.916	ug/l	99
16) Acetone	4.022	43	72411	279.224	ug/l	98
17) Carbon Disulfide	4.264	76	185282	47.364	ug/l	99
18) Methyl Acetate	4.564	43	38468	44.337	ug/l	96
19) Methyl tert-butyl Ether	5.316	73	162190	49.374	ug/l	96
20) Methylene Chloride	4.793	84	81110	51.545	ug/l	90
21) trans-1,2-Dichloroethene	5.305	96	74814	48.905	ug/l	99
22) Diisopropyl ether	6.210	45	222788	49.884	ug/l	97
23) Vinyl Acetate	6.152	43	557529	264.363	ug/l	100
24) 1,1-Dichloroethane	6.110	63	138670	50.263	ug/l	98
25) 2-Butanone	7.081	43	106383	245.962	ug/l	97
26) 2,2-Dichloropropane	7.069	77	118044	48.974	ug/l	98
27) cis-1,2-Dichloroethene	7.075	96	86315	49.381	ug/l	97
28) Bromochloromethane	7.422	49	45781	54.032	ug/l	97
29) Tetrahydrofuran	7.440	42	64998	243.760	ug/l	99
30) Chloroform	7.593	83	137497	50.213	ug/l	88
31) Cyclohexane	7.869	56	118601	45.679	ug/l	98
32) 1,1,1-Trichloroethane	7.787	97	119277	49.644	ug/l	99
36) 1,1-Dichloropropene	8.005	75	106737	48.866	ug/l	99
37) Ethyl Acetate	7.169	43	45490	48.025	ug/l	99
38) Carbon Tetrachloride	7.981	117	100691	50.950	ug/l	99
39) Methylcyclohexane	9.269	83	128918	47.679	ug/l	98
40) Benzene	8.246	78	301705	49.910	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	24759	46.928	ug/l	89
42) 1,2-Dichloroethane	8.322	62	77662	48.614	ug/l	100
43) Isopropyl Acetate	8.357	43	88323	48.273	ug/l	100
44) Trichloroethene	9.022	130	81819	48.762	ug/l	94
45) 1,2-Dichloropropane	9.299	63	77246	49.168	ug/l	95
46) Dibromomethane	9.387	93	40716	49.916	ug/l	98
47) Bromodichloromethane	9.581	83	101569	49.493	ug/l	96
48) Methyl methacrylate	9.375	41	41251	47.736	ug/l	99
49) 1,4-Dioxane	9.381	88	9859	1020.659	ug/l	97
51) 4-Methyl-2-Pentanone	10.151	43	228228	246.802	ug/l	98
52) Toluene	10.328	92	192742	49.710	ug/l	99
53) t-1,3-Dichloropropene	10.546	75	97648	50.478	ug/l	98
54) cis-1,3-Dichloropropene	10.010	75	119713	50.228	ug/l	97
55) 1,1,2-Trichloroethane	10.728	97	55551	49.266	ug/l	98
56) Ethyl methacrylate	10.587	69	77181	51.516	ug/l	100
57) 1,3-Dichloropropane	10.875	76	96905	48.696	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.863	63	57134	204.650	ug/l	97
59) 2-Hexanone	10.910	43	158967	253.149	ug/l	99
60) Dibromochloromethane	11.069	129	69630	50.709	ug/l	99
61) 1,2-Dibromoethane	11.169	107	52824	49.220	ug/l	98
64) Tetrachloroethene	10.804	164	65866	48.303	ug/l	92
65) Chlorobenzene	11.598	112	204194	50.929	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.669	131	73447	51.149	ug/l	99
67) Ethyl Benzene	11.675	91	377108	50.353	ug/l	99
68) m/p-Xylenes	11.781	106	289283	101.773	ug/l	100
69) o-Xylene	12.110	106	137083	51.030	ug/l	100
70) Styrene	12.122	104	226819	50.625	ug/l	98
71) Bromoform	12.287	173	40525	50.692	ug/l #	98
73) Isopropylbenzene	12.410	105	363965	50.151	ug/l	100
74) N-amyl acetate	12.222	43	85321	49.923	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.657	83	65024	49.207	ug/l	100
76) 1,2,3-Trichloropropane	12.710	75	78839	89.657	ug/l #	100
77) Bromobenzene	12.687	156	80953	50.831	ug/l	96
78) n-propylbenzene	12.751	91	448551	50.403	ug/l	100
79) 2-Chlorotoluene	12.834	91	238841	49.615	ug/l	98
80) 1,3,5-Trimethylbenzene	12.887	105	296159	49.255	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.457	75	18712	52.466	ug/l #	100
82) 4-Chlorotoluene	12.934	91	243995	49.785	ug/l	99
83) tert-Butylbenzene	13.151	119	259845	49.374	ug/l	99
84) 1,2,4-Trimethylbenzene	13.198	105	292195	50.058	ug/l	98
85) sec-Butylbenzene	13.328	105	398663	50.007	ug/l	100
86) p-Isopropyltoluene	13.445	119	330282	50.722	ug/l	99
87) 1,3-Dichlorobenzene	13.445	146	161327	49.669	ug/l	97
88) 1,4-Dichlorobenzene	13.522	146	158062	49.486	ug/l	99
89) n-Butylbenzene	13.769	91	319354	50.189	ug/l	99
90) Hexachloroethane	14.039	117	61119	51.310	ug/l	98
91) 1,2-Dichlorobenzene	13.816	146	138953	49.191	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.428	75	8949	48.194	ug/l	96
93) 1,2,4-Trichlorobenzene	15.081	180	94436	48.365	ug/l	98
94) Hexachlorobutadiene	15.181	225	54236	48.608	ug/l	99
95) Naphthalene	15.310	128	181255	49.680	ug/l	98
96) 1,2,3-Trichlorobenzene	15.498	180	82368	49.139	ug/l	99

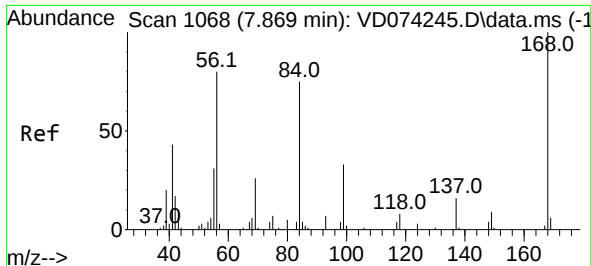
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091222\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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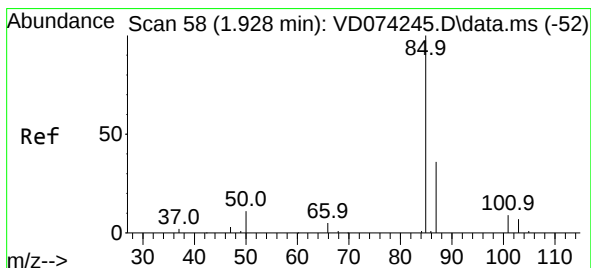
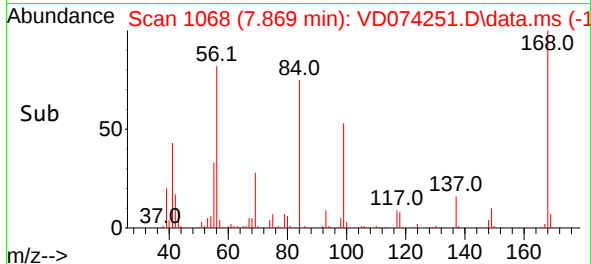
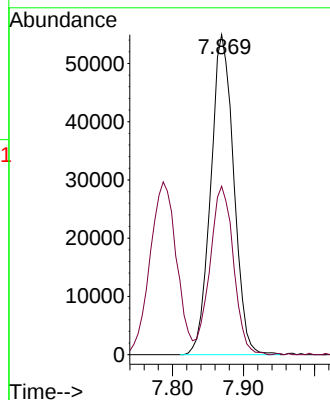
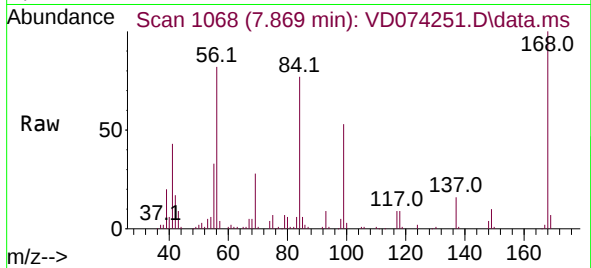
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VD074251.D
Acq: 12 Sep 2022 11:56

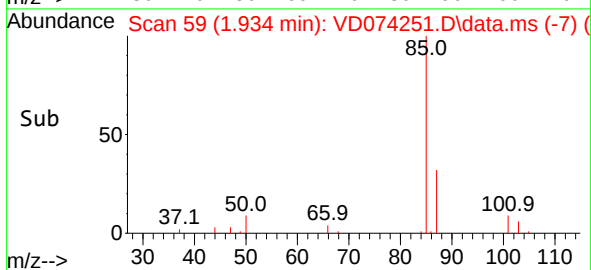
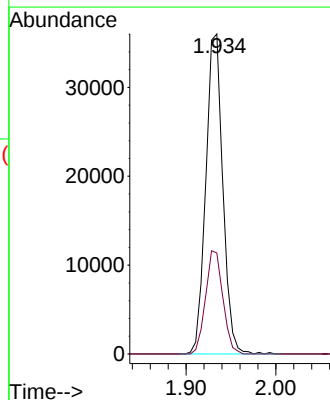
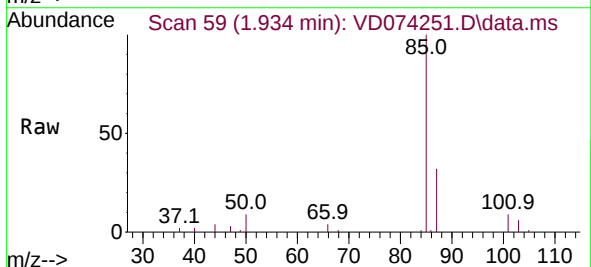
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MSVOA_D
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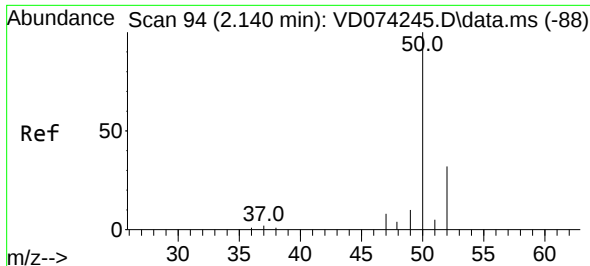
Tgt Ion:168 Resp: 123233
Ion Ratio Lower Upper
168 100
99 52.3 43.0 64.6



#2
Dichlorodifluoromethane
Concen: 49.338 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.006 min
Lab File: VD074251.D
Acq: 12 Sep 2022 11:56

Tgt Ion: 85 Resp: 47446
Ion Ratio Lower Upper
85 100
87 31.5 17.9 53.7

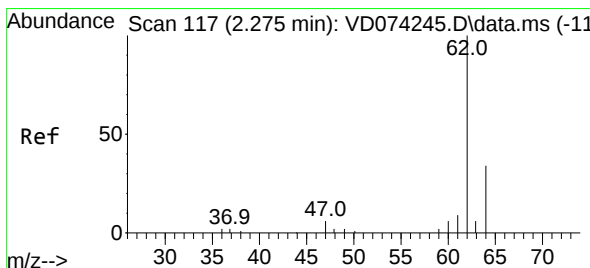
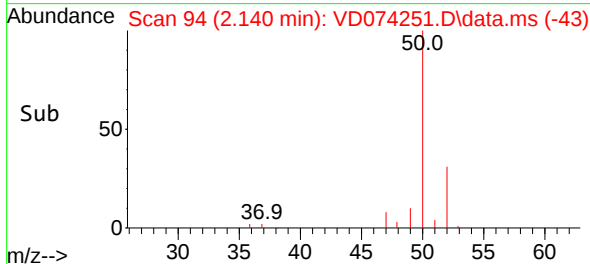
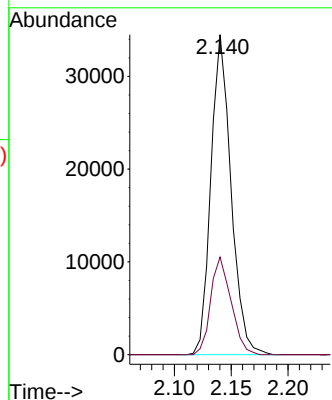
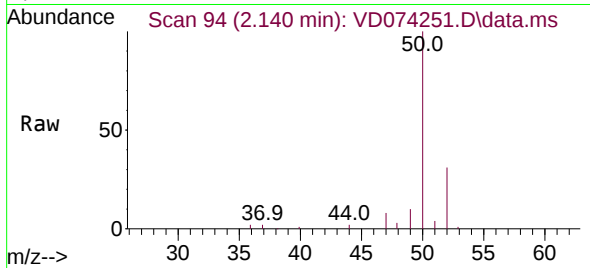




#3
Chloromethane
Concen: 46.134 ug/l
RT: 2.140 min Scan# 94
Delta R.T. 0.000 min
Lab File: VD074251.D
Acq: 12 Sep 2022 11:56

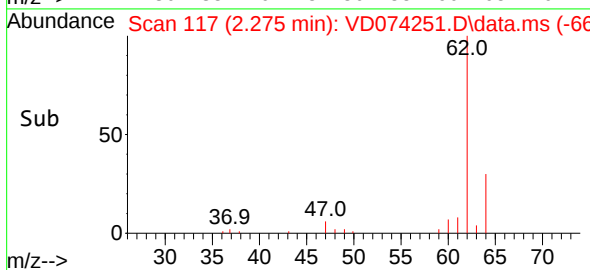
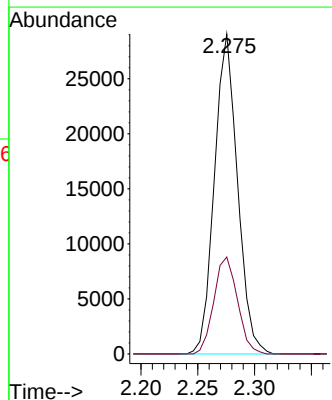
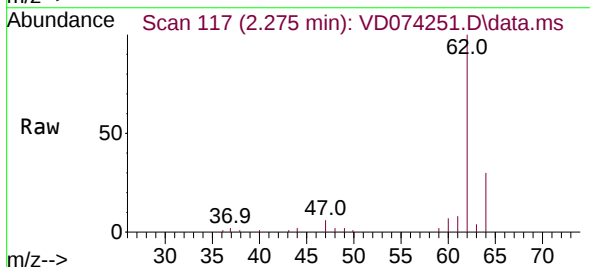
Instrument :
MSVOA_D
ClientSampleId :
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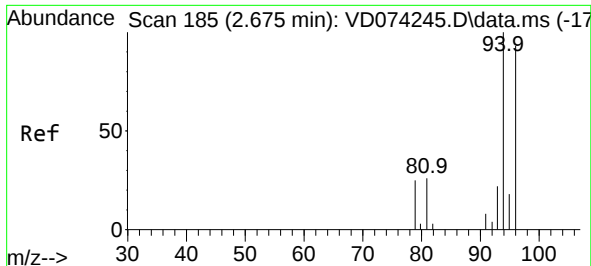
Tgt Ion: 50 Resp: 42499
Ion Ratio Lower Upper
50 100
52 30.5 25.8 38.8



#4
Vinyl Chloride
Concen: 52.309 ug/l
RT: 2.275 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD074251.D
Acq: 12 Sep 2022 11:56

Tgt Ion: 62 Resp: 41050
Ion Ratio Lower Upper
62 100
64 30.3 27.0 40.4





#5

Bromomethane

Concen: 59.253 ug/l

RT: 2.681 min Scan# 185

Delta R.T. 0.006 min

Lab File: VD074251.D

Acq: 12 Sep 2022 11:56

Instrument :

MSVOA_D

ClientSampleId :

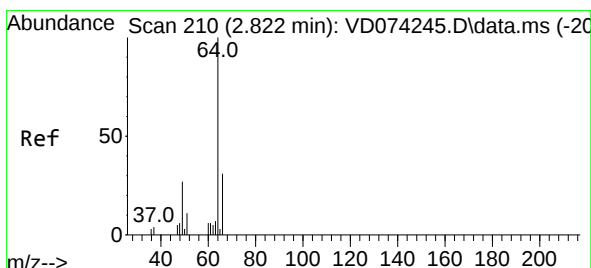
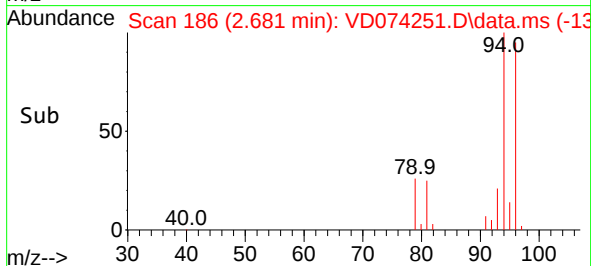
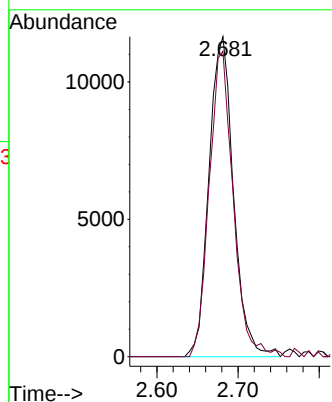
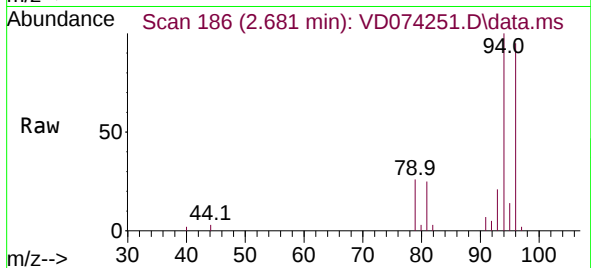
VSTDCCC050

Tgt Ion: 94 Resp: 24487

Ion Ratio Lower Upper

94 100

96 95.5 74.6 112.0



#6

Chloroethane

Concen: 53.003 ug/l

RT: 2.822 min Scan# 210

Delta R.T. 0.000 min

Lab File: VD074251.D

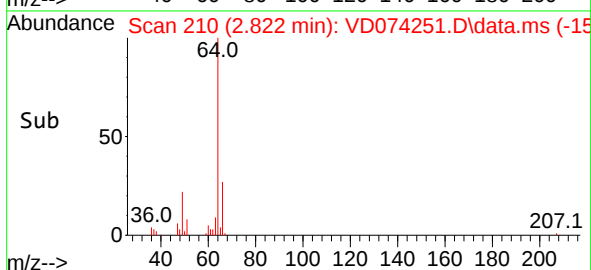
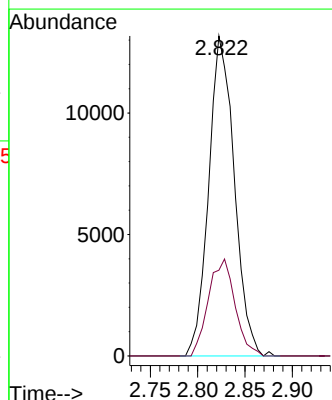
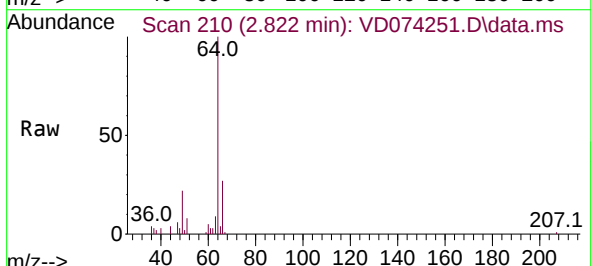
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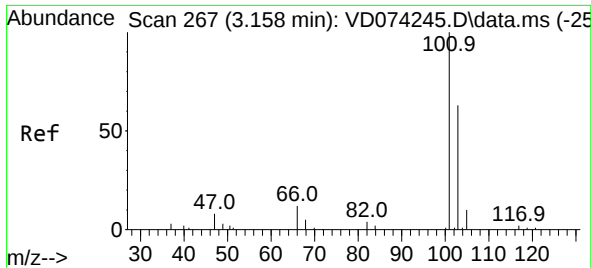
Tgt Ion: 64 Resp: 24769

Ion Ratio Lower Upper

64 100

66 26.8 24.6 36.8

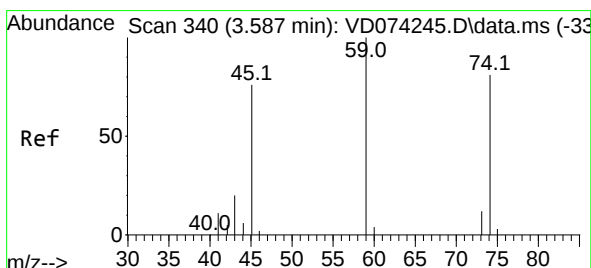
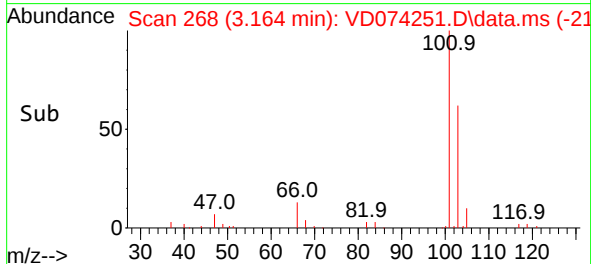
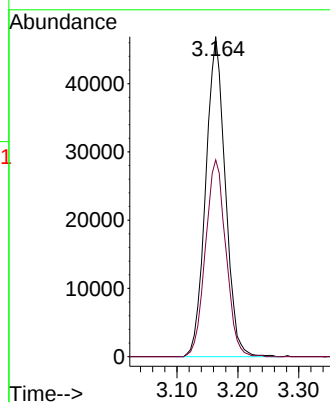
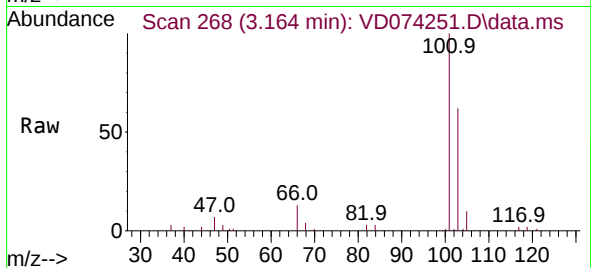




#7
Trichlorofluoromethane
Concen: 47.961 ug/l
RT: 3.164 min Scan# 20
Delta R.T. 0.006 min
Lab File: VD074251.D
Acq: 12 Sep 2022 11:56

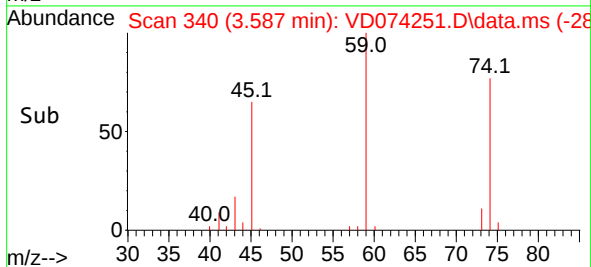
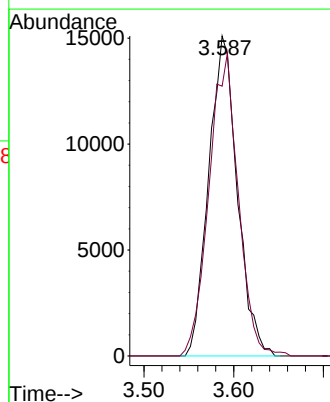
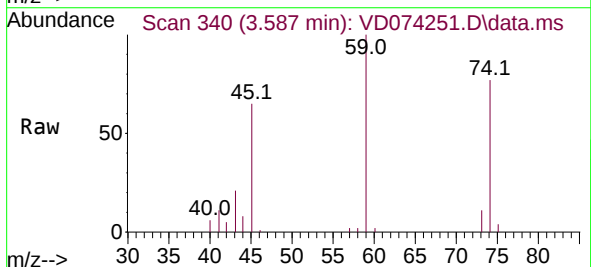
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

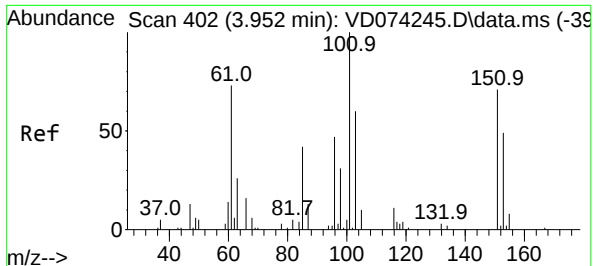
Tgt Ion:101 Resp: 104716
Ion Ratio Lower Upper
101 100
103 61.5 50.6 76.0



#8
Diethyl Ether
Concen: 47.515 ug/l
RT: 3.587 min Scan# 340
Delta R.T. 0.000 min
Lab File: VD074251.D
Acq: 12 Sep 2022 11:56

Tgt Ion: 74 Resp: 33471
Ion Ratio Lower Upper
74 100
45 96.9 47.9 143.6

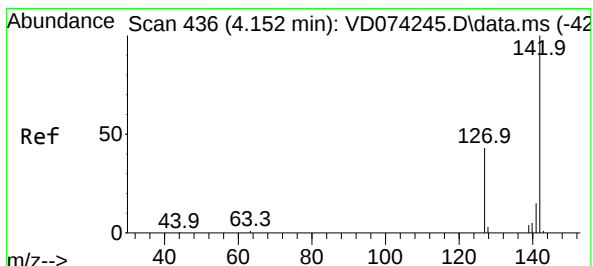
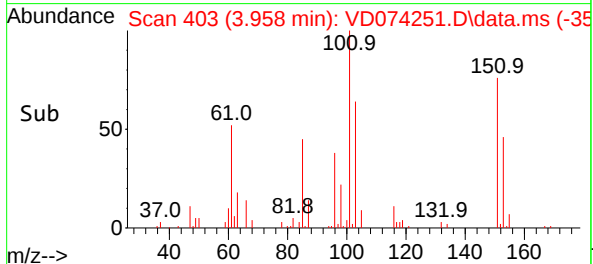
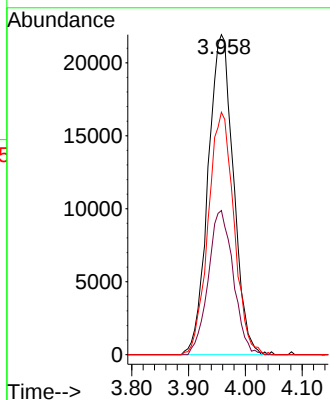
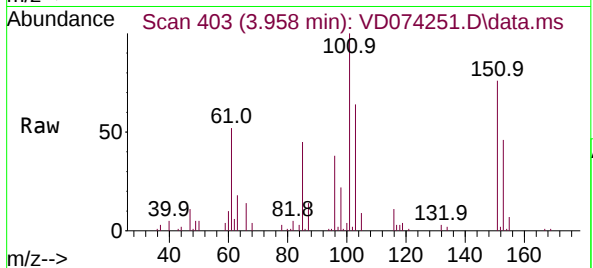




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.338 ug/l
RT: 3.958 min Scan# 403
Delta R.T. 0.006 min
Lab File: VD074251.D
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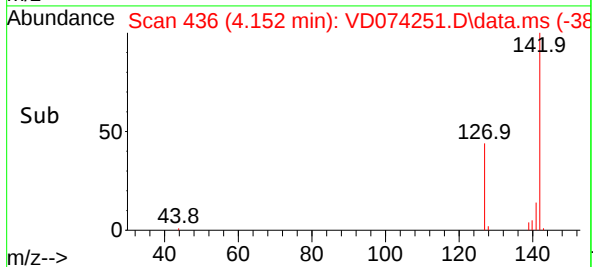
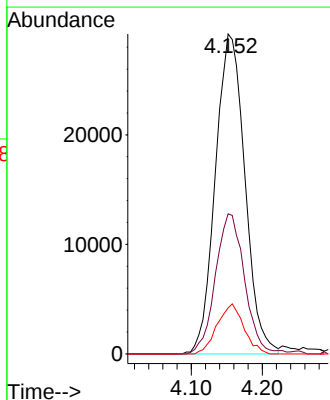
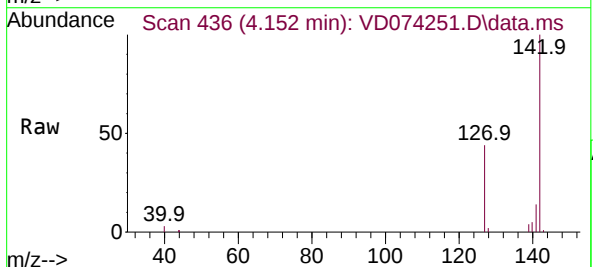
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

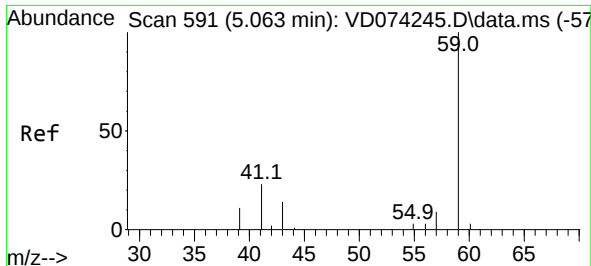
Tgt Ion:101 Resp: 67904
Ion Ratio Lower Upper
101 100
85 44.4 35.0 52.4
151 77.1 59.7 89.5



#10
Methyl Iodide
Concen: 50.312 ug/l
RT: 4.152 min Scan# 436
Delta R.T. 0.000 min
Lab File: VD074251.D
Acq: 12 Sep 2022 11:56

Tgt Ion:142 Resp: 84230
Ion Ratio Lower Upper
142 100
127 43.3 34.6 51.8
141 14.1 11.7 17.5

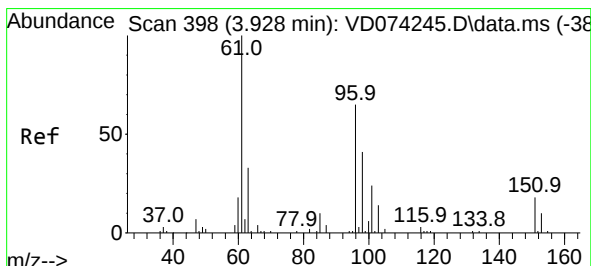
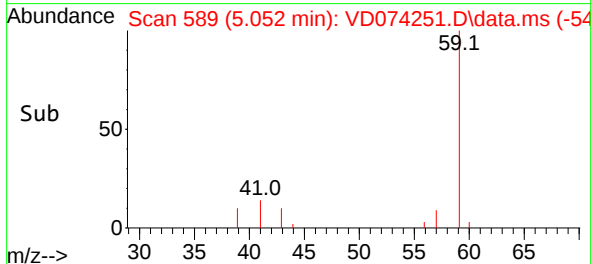
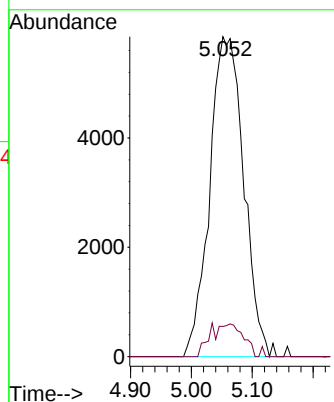
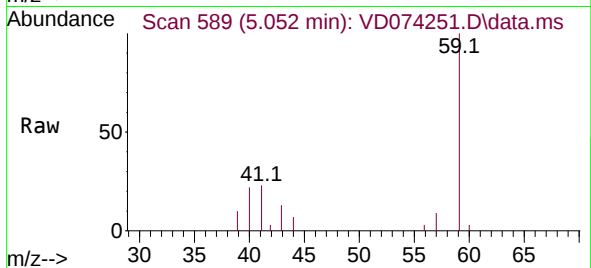




#11
Tert butyl alcohol
Concen: 221.818 ug/l
RT: 5.052 min Scan# 591
Delta R.T. -0.012 min
Lab File: VD074251.D
Acq: 12 Sep 2022 11:56

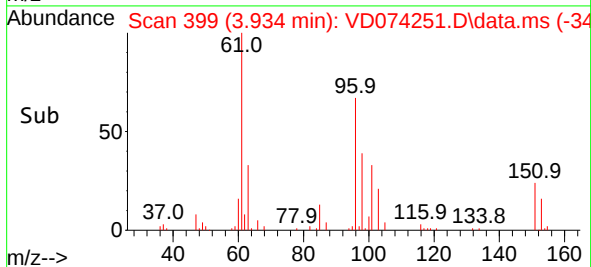
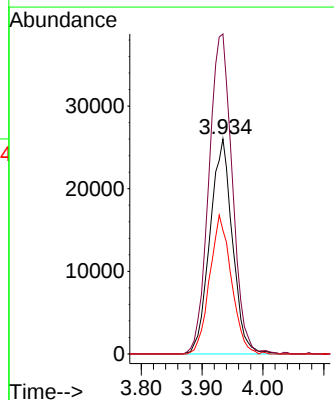
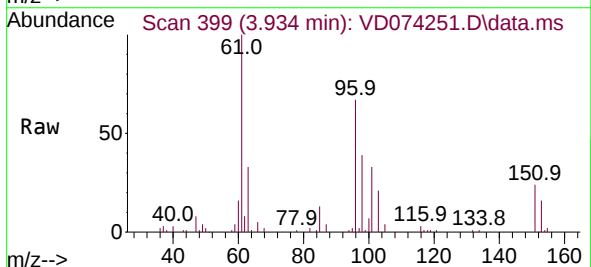
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

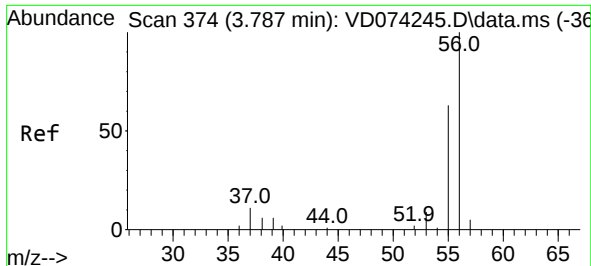
Tgt Ion: 59 Resp: 22729
Ion Ratio Lower Upper
59 100
57 7.2 7.7 11.5#



#12
1,1-Dichloroethene
Concen: 49.239 ug/l
RT: 3.934 min Scan# 399
Delta R.T. 0.006 min
Lab File: VD074251.D
Acq: 12 Sep 2022 11:56

Tgt Ion: 96 Resp: 66771
Ion Ratio Lower Upper
96 100
61 148.8 122.3 183.5
98 57.5 50.7 76.1





#13

Acrolein

Concen: 224.973 ug/l

RT: 3.793 min Scan# 31

Delta R.T. 0.006 min

Lab File: VD074251.D

Acq: 12 Sep 2022 11:56

Instrument :

MSVOA_D

ClientSampleId :

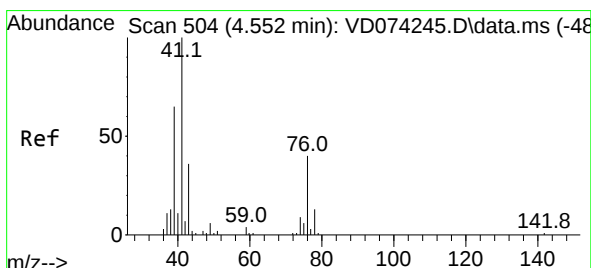
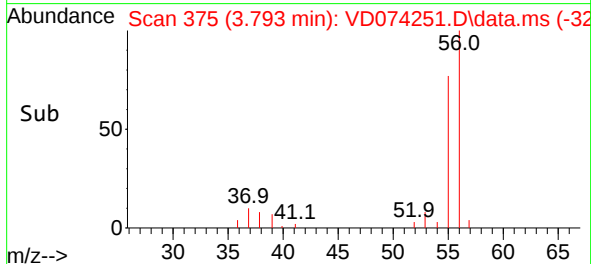
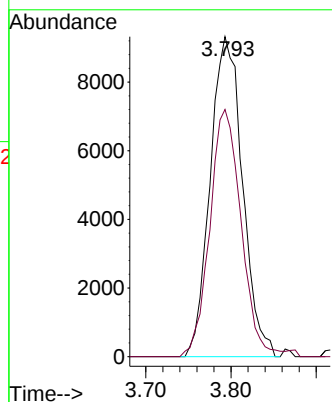
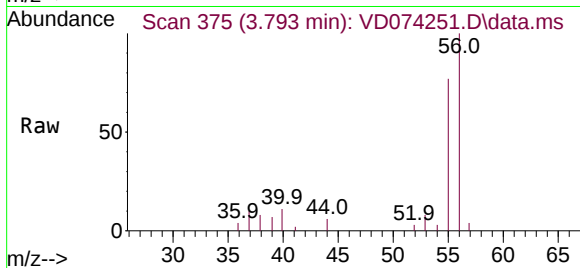
VSTDCCC050

Tgt Ion: 56 Resp: 24503

Ion Ratio Lower Upper

56 100

55 75.5 57.4 86.2



#14

Allyl chloride

Concen: 49.158 ug/l

RT: 4.552 min Scan# 504

Delta R.T. 0.000 min

Lab File: VD074251.D

Acq: 12 Sep 2022 11:56

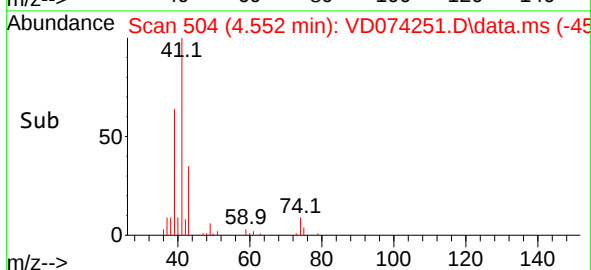
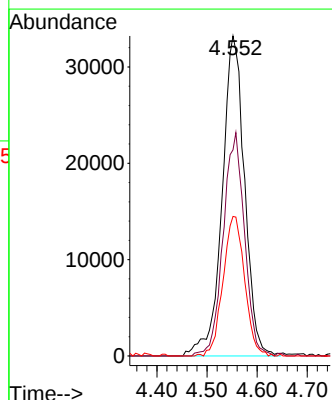
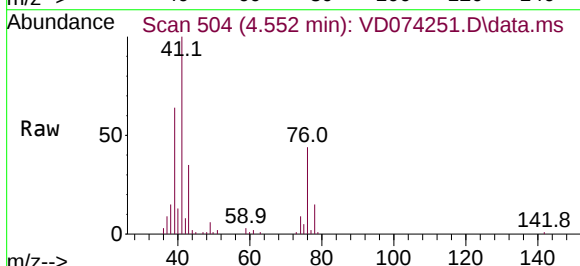
Tgt Ion: 41 Resp: 103456

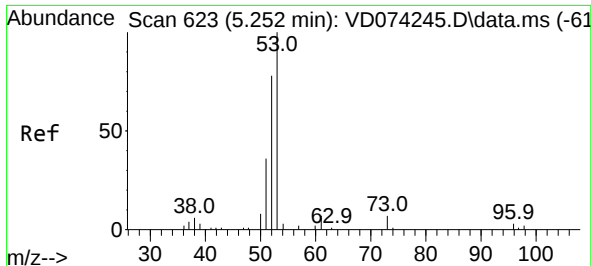
Ion Ratio Lower Upper

41 100

39 66.1 52.8 79.2

76 41.9 32.9 49.3





#15

Acrylonitrile

Concen: 244.916 ug/l

RT: 5.252 min Scan# 61

Delta R.T. 0.000 min

Lab File: VD074251.D

Acq: 12 Sep 2022 11:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

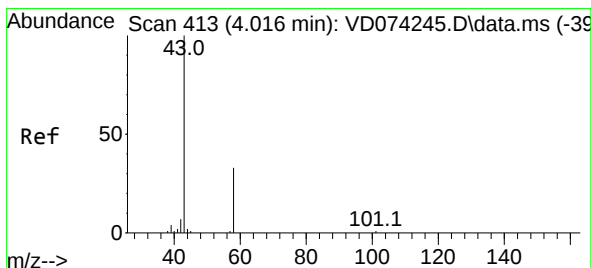
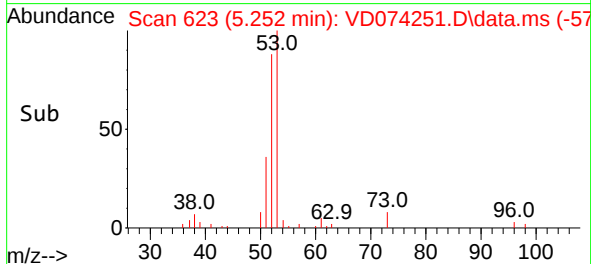
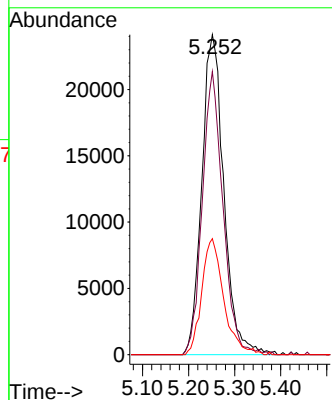
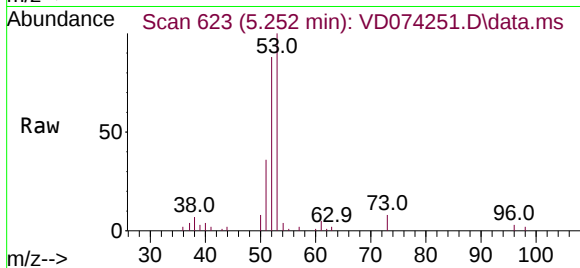
Tgt Ion: 53 Resp: 80438

Ion Ratio Lower Upper

53 100

52 83.1 65.3 97.9

51 36.1 29.0 43.6



#16

Acetone

Concen: 279.224 ug/l

RT: 4.022 min Scan# 414

Delta R.T. 0.006 min

Lab File: VD074251.D

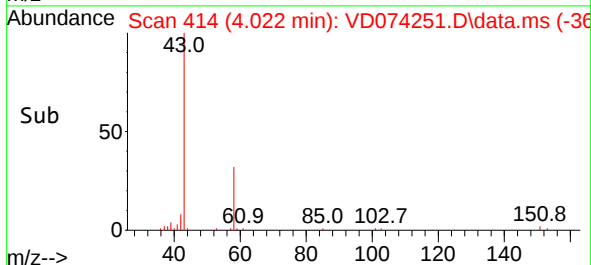
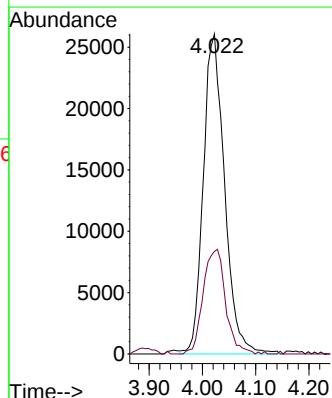
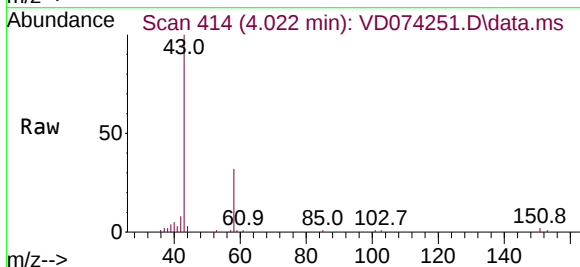
Acq: 12 Sep 2022 11:56

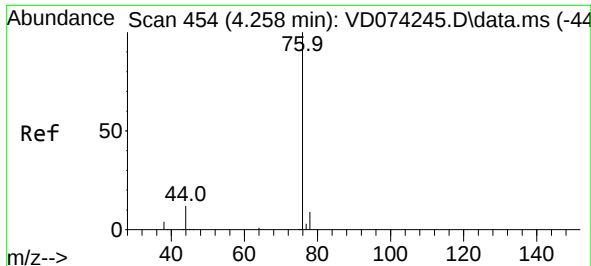
Tgt Ion: 43 Resp: 72411

Ion Ratio Lower Upper

43 100

58 32.0 26.4 39.6

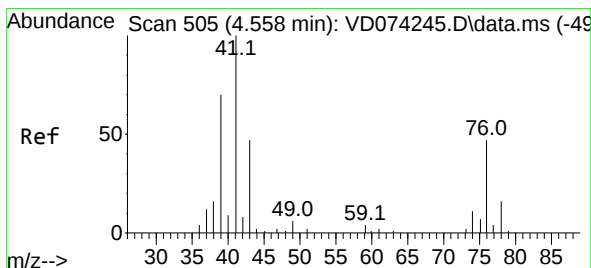
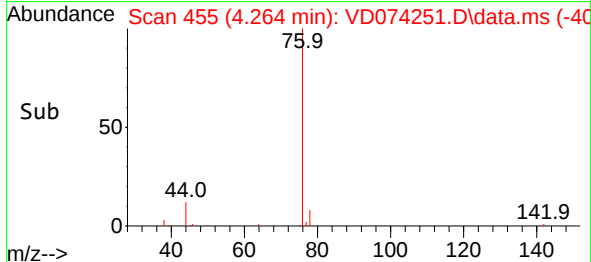
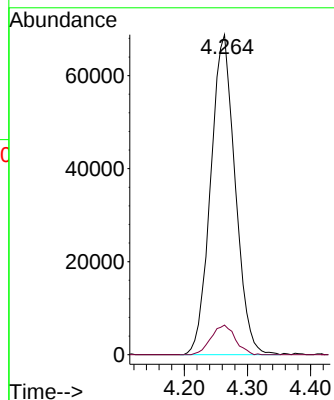
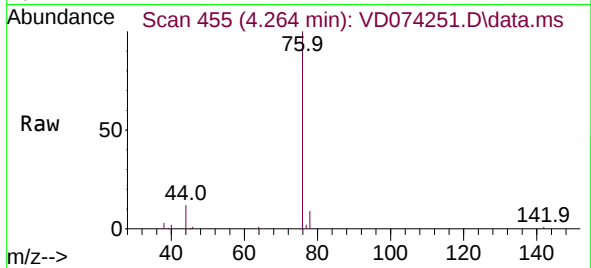




#17
Carbon Disulfide
Concen: 47.364 ug/l
RT: 4.264 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD074251.D
Acq: 12 Sep 2022 11:56

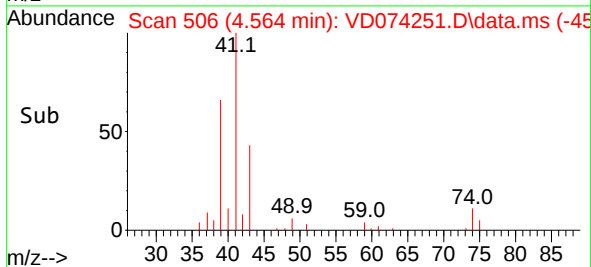
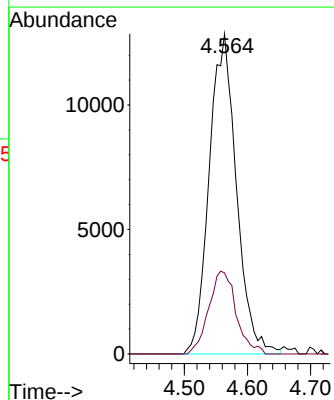
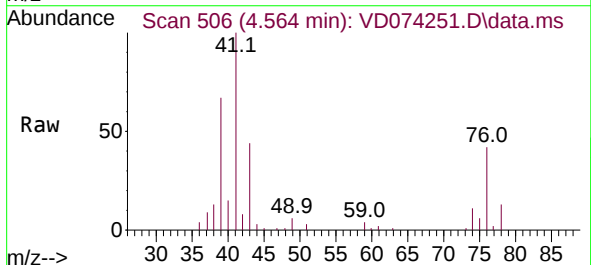
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

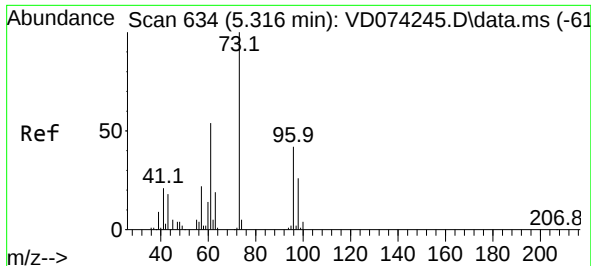
Tgt Ion: 76 Resp: 185282
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8



#18
Methyl Acetate
Concen: 44.337 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.006 min
Lab File: VD074251.D
Acq: 12 Sep 2022 11:56

Tgt Ion: 43 Resp: 38468
Ion Ratio Lower Upper
43 100
74 26.0 19.3 28.9





#19

Methyl tert-butyl Ether

Concen: 49.374 ug/l

RT: 5.316 min Scan# 61

Delta R.T. 0.000 min

Lab File: VD074251.D

Acq: 12 Sep 2022 11:56

Instrument :

MSVOA_D

ClientSampleId :

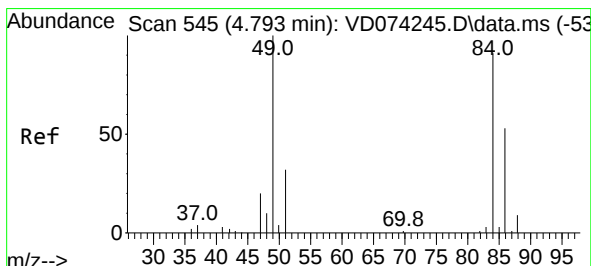
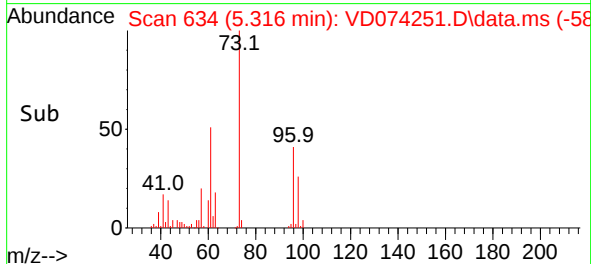
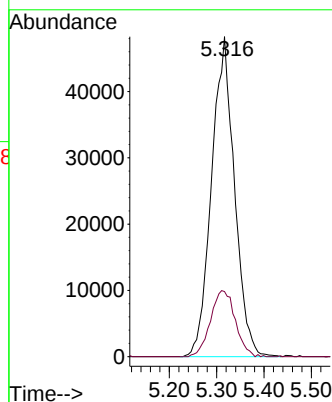
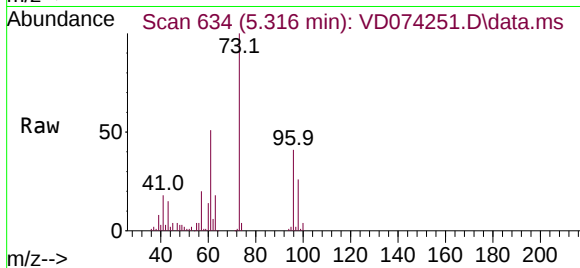
VSTDCCC050

Tgt Ion: 73 Resp: 162190

Ion Ratio Lower Upper

73 100

57 20.3 17.8 26.6



#20

Methylene Chloride

Concen: 51.545 ug/l

RT: 4.793 min Scan# 545

Delta R.T. -0.000 min

Lab File: VD074251.D

Acq: 12 Sep 2022 11:56

Tgt Ion: 84 Resp: 81110

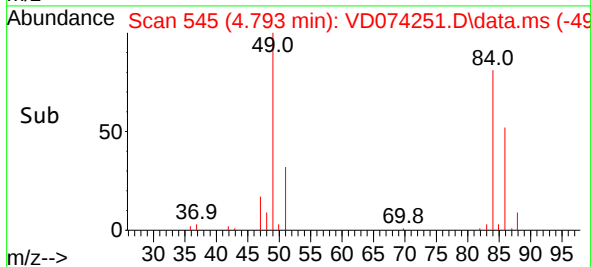
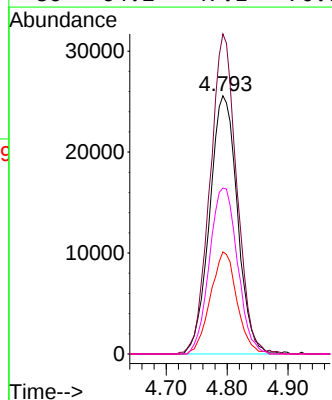
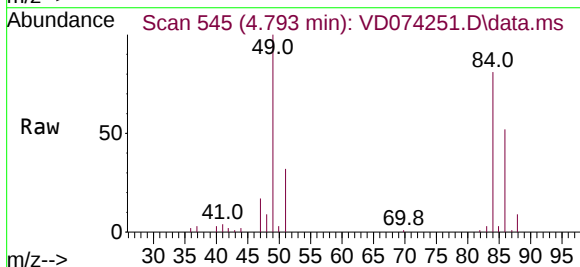
Ion Ratio Lower Upper

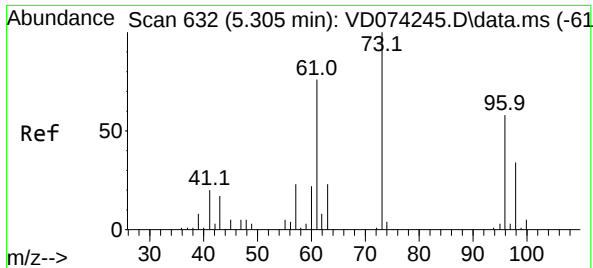
84 100

49 123.3 88.4 132.6

51 39.5 28.0 42.0

86 64.2 47.1 70.7

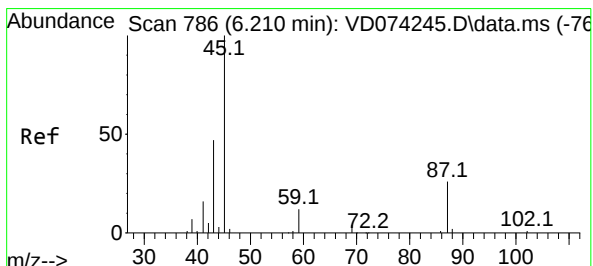
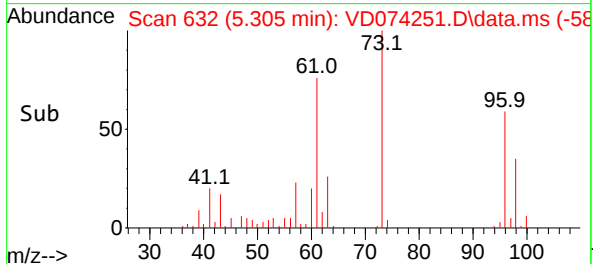
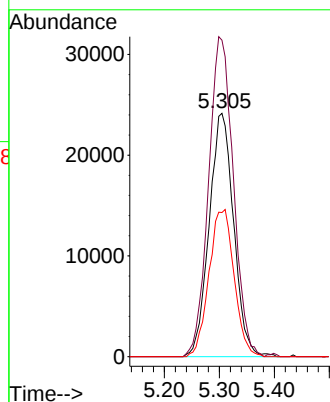
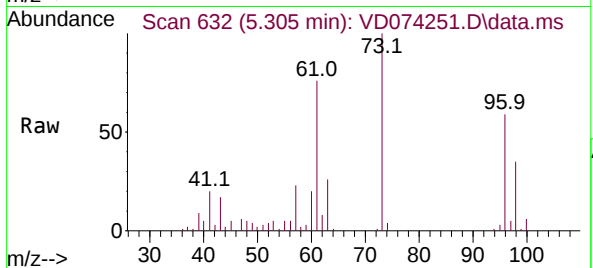




#21
trans-1,2-Dichloroethene
Concen: 48.905 ug/l
RT: 5.305 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD074251.D
Acq: 12 Sep 2022 11:56

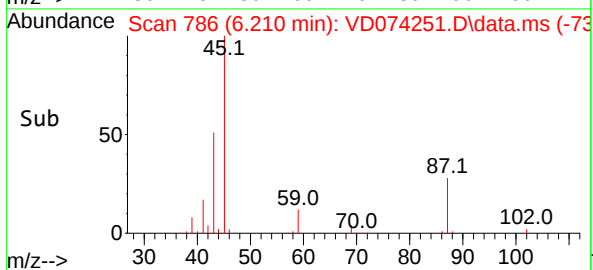
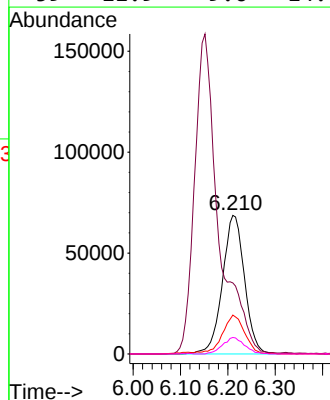
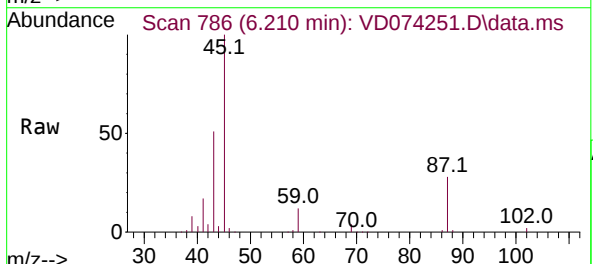
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

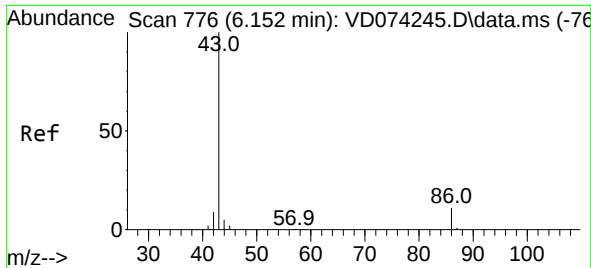
Tgt Ion: 96 Resp: 74814
Ion Ratio Lower Upper
96 100
61 130.0 105.1 157.7
98 59.2 47.4 71.2



#22
Diisopropyl ether
Concen: 49.884 ug/l
RT: 6.210 min Scan# 786
Delta R.T. 0.000 min
Lab File: VD074251.D
Acq: 12 Sep 2022 11:56

Tgt Ion: 45 Resp: 222788
Ion Ratio Lower Upper
45 100
43 50.6 38.9 58.3
87 28.1 21.0 31.4
59 11.9 9.6 14.4

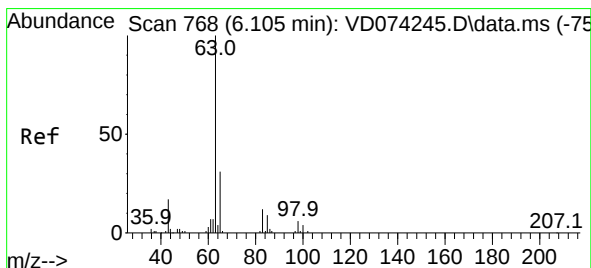
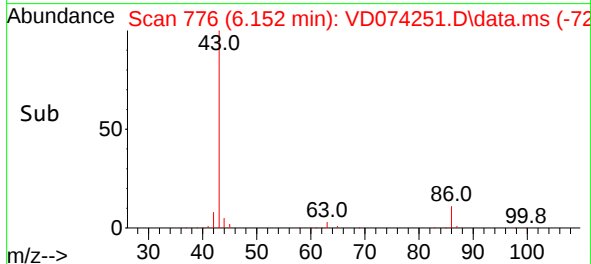
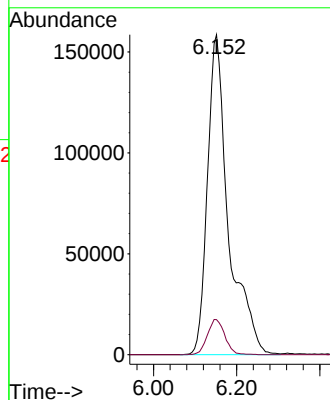
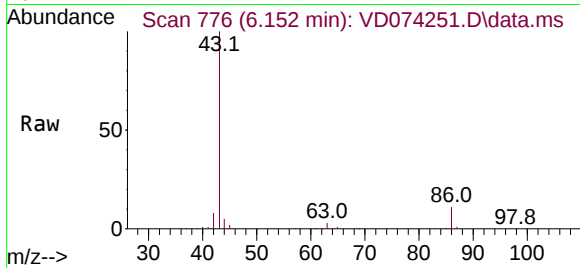




#23
 Vinyl Acetate
 Concen: 264.363 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. 0.000 min
 Lab File: VD074251.D
 Acq: 12 Sep 2022 11:56

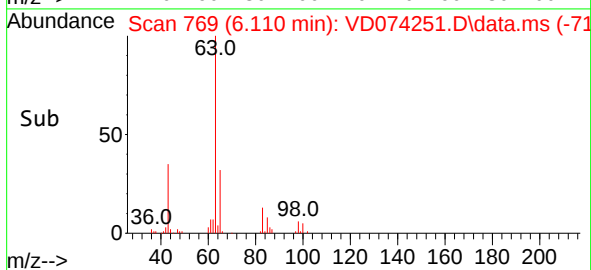
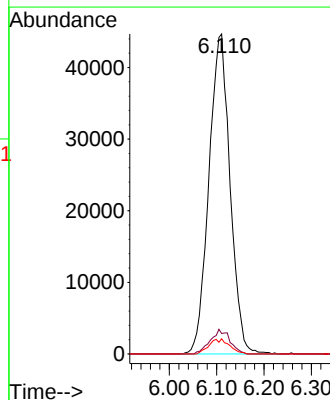
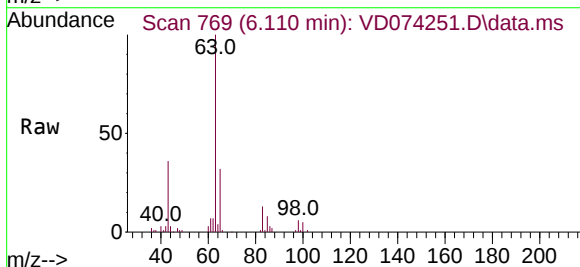
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

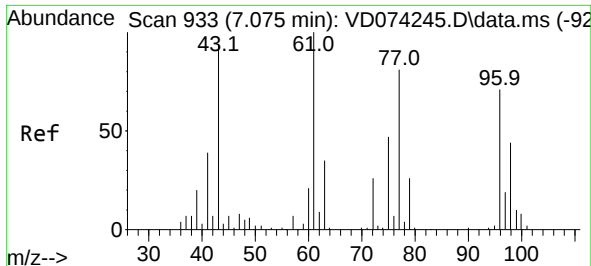
Tgt Ion: 43 Resp: 557529
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 50.263 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. 0.006 min
 Lab File: VD074251.D
 Acq: 12 Sep 2022 11:56

Tgt Ion: 63 Resp: 138670
 Ion Ratio Lower Upper
 63 100
 98 6.4 2.8 8.4
 100 4.7 2.2 6.6





#25

2-Butanone

Concen: 245.962 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD074251.D

Acq: 12 Sep 2022 11:56

Instrument :

MSVOA_D

ClientSampleId :

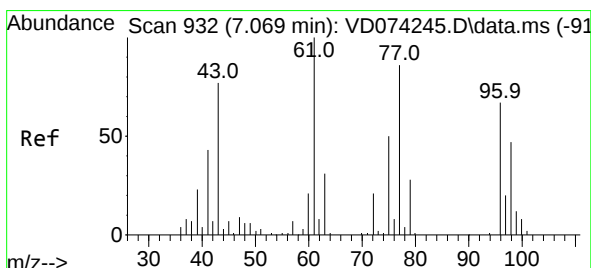
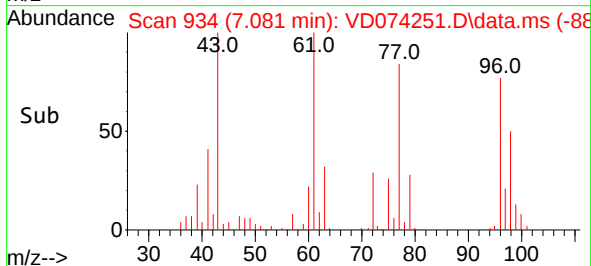
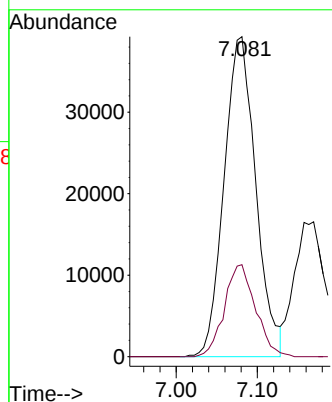
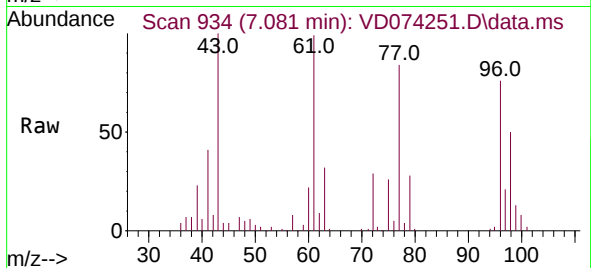
VSTDCCC050

Tgt Ion: 43 Resp: 106383

Ion Ratio Lower Upper

43 100

72 28.7 21.8 32.6



#26

2,2-Dichloropropane

Concen: 48.974 ug/l

RT: 7.069 min Scan# 932

Delta R.T. 0.000 min

Lab File: VD074251.D

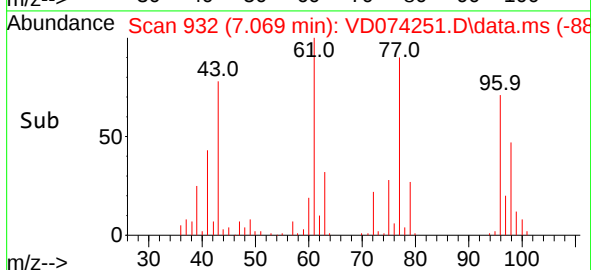
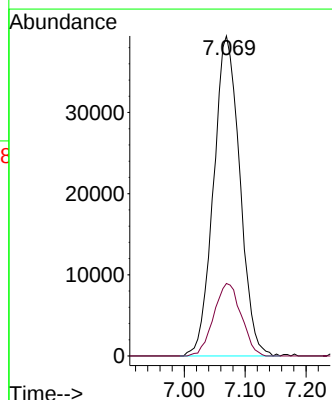
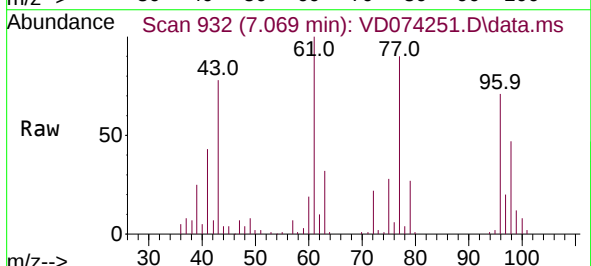
Acq: 12 Sep 2022 11:56

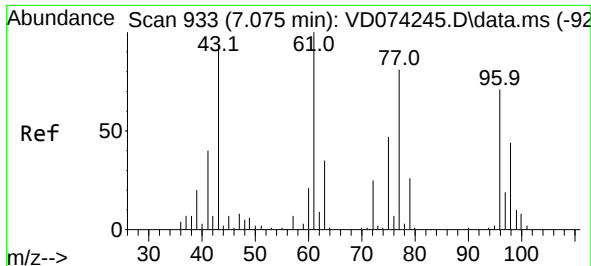
Tgt Ion: 77 Resp: 118044

Ion Ratio Lower Upper

77 100

97 23.7 11.5 34.4



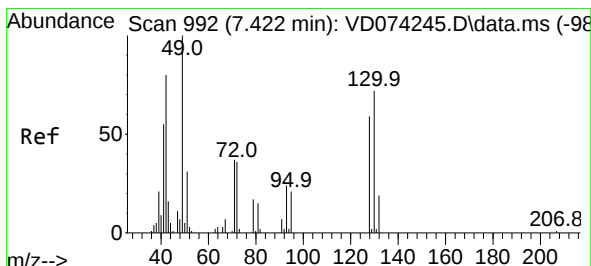
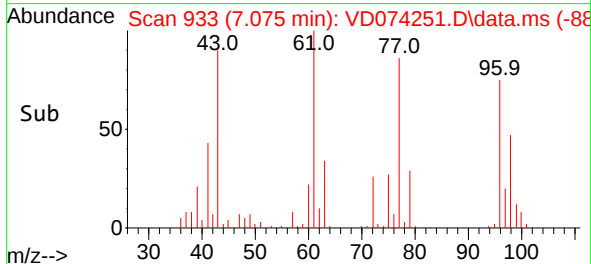
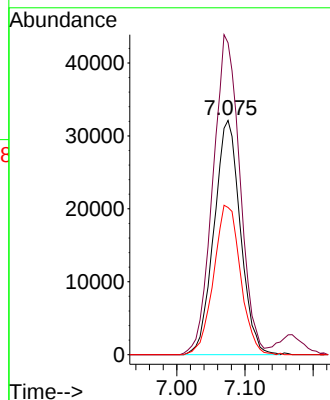
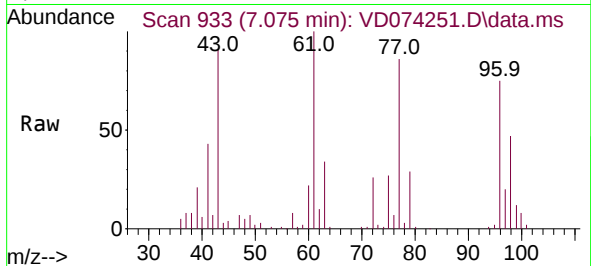


#27
 cis-1,2-Dichloroethene
 Concen: 49.381 ug/l
 RT: 7.075 min Scan# 911
 Delta R.T. 0.000 min
 Lab File: VD074251.D
 Acq: 12 Sep 2022 11:56

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 86315

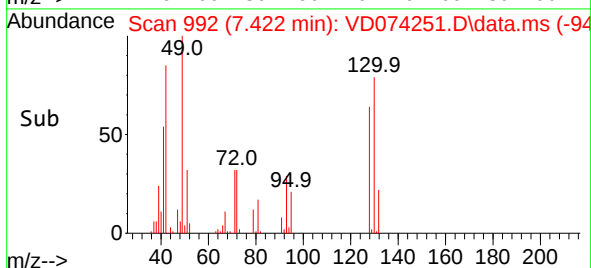
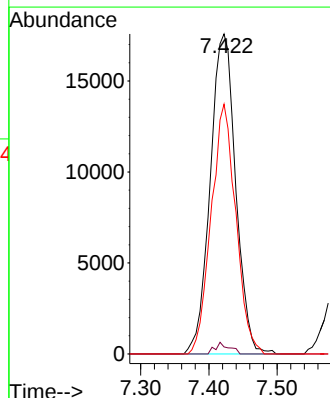
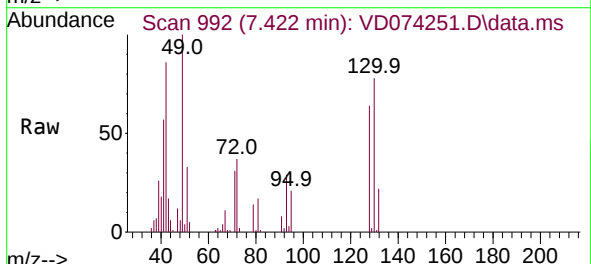
Ion	Ratio	Lower	Upper
96	100		
61	140.2	0.0	289.4
98	65.0	0.0	130.2

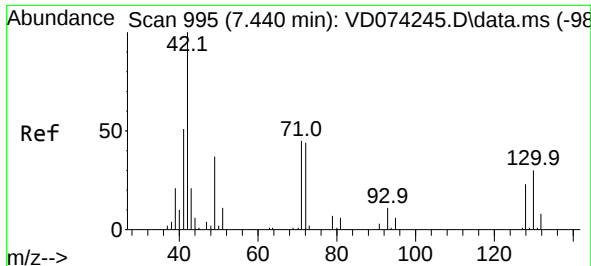


#28
 Bromochloromethane
 Concen: 54.032 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. 0.000 min
 Lab File: VD074251.D
 Acq: 12 Sep 2022 11:56

Tgt Ion: 49 Resp: 45781

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	3.6
130	75.4	62.2	93.2





#29

Tetrahydrofuran

Concen: 243.760 ug/l

RT: 7.440 min Scan# 995

Delta R.T. 0.000 min

Lab File: VD074251.D

Acq: 12 Sep 2022 11:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

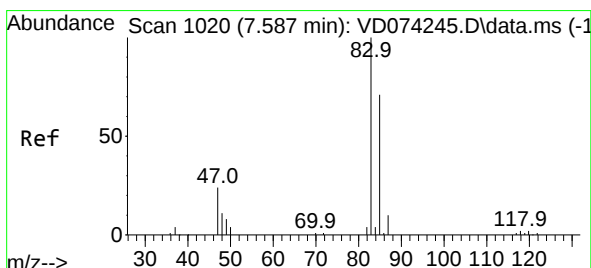
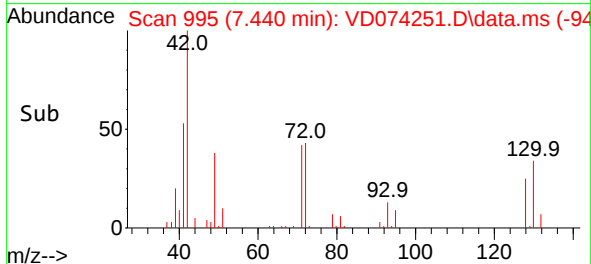
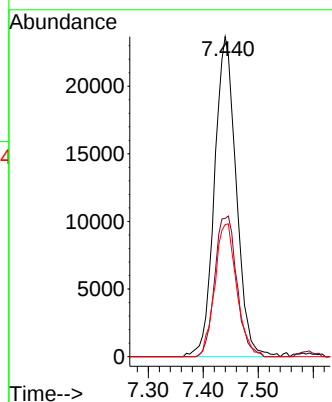
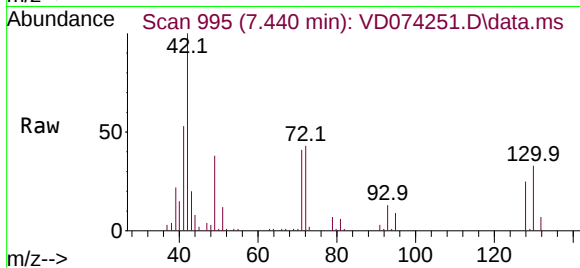
Tgt Ion: 42 Resp: 64998

Ion Ratio Lower Upper

42 100

72 44.6 36.1 54.1

71 41.9 34.1 51.1



#30

Chloroform

Concen: 50.213 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. 0.006 min

Lab File: VD074251.D

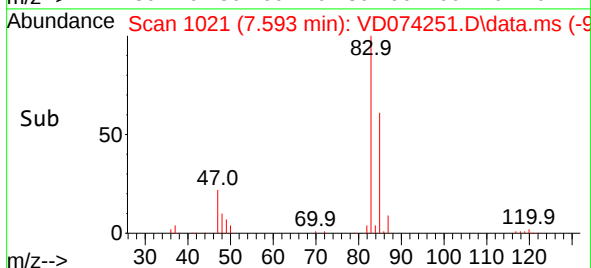
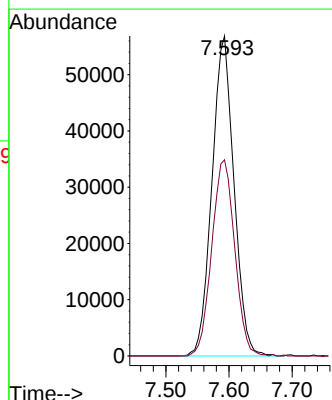
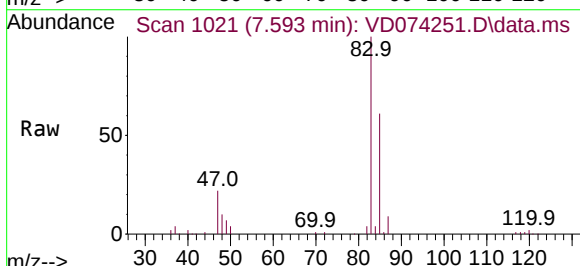
Acq: 12 Sep 2022 11:56

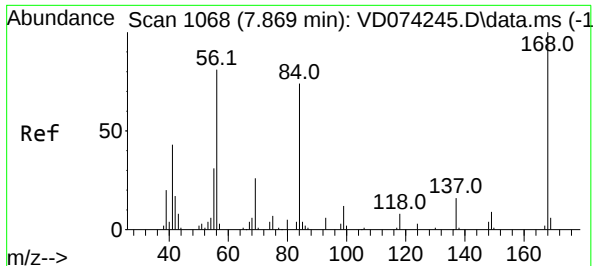
Tgt Ion: 83 Resp: 137497

Ion Ratio Lower Upper

83 100

85 61.3 56.7 85.1





#31

Cyclohexane

Concen: 45.679 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VD074251.D

Acq: 12 Sep 2022 11:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

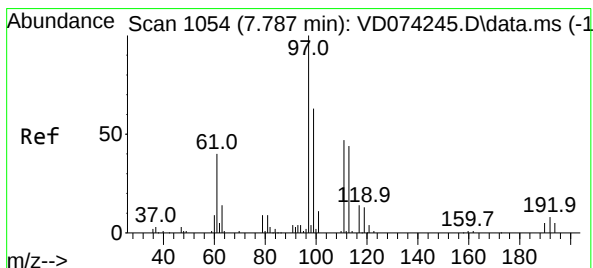
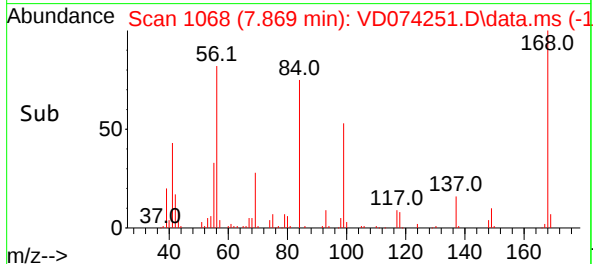
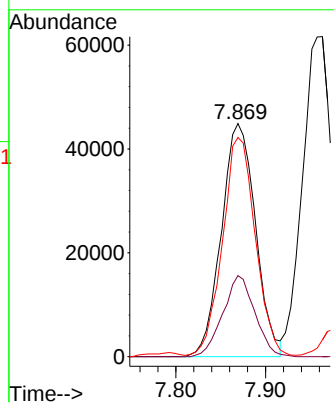
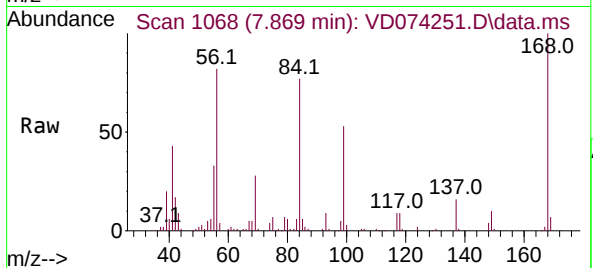
Tgt Ion: 56 Resp: 118601

Ion Ratio Lower Upper

56 100

69 34.8 25.7 38.5

84 93.1 73.9 110.9



#32

1,1,1-Trichloroethane

Concen: 49.644 ug/l

RT: 7.787 min Scan# 1054

Delta R.T. 0.000 min

Lab File: VD074251.D

Acq: 12 Sep 2022 11:56

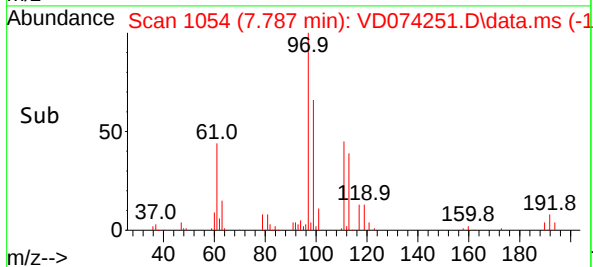
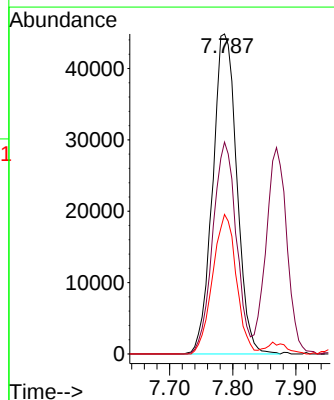
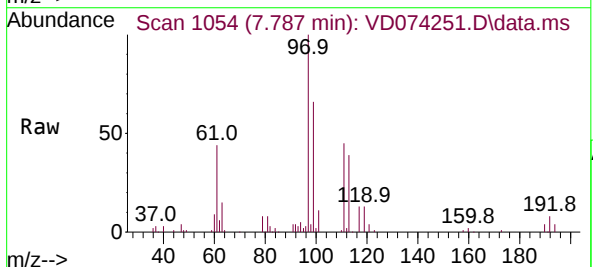
Tgt Ion: 97 Resp: 119277

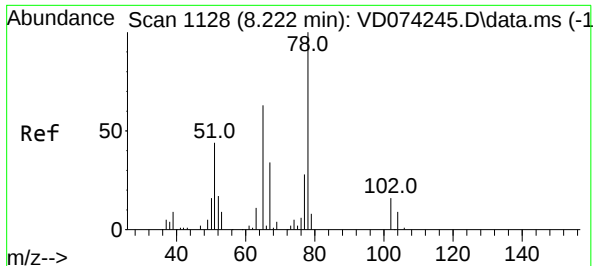
Ion Ratio Lower Upper

97 100

99 64.5 51.2 76.8

61 42.8 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 49.864 ug/l

RT: 8.228 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VD074251.D

Acq: 12 Sep 2022 11:56

Instrument :

MSVOA_D

ClientSampleId :

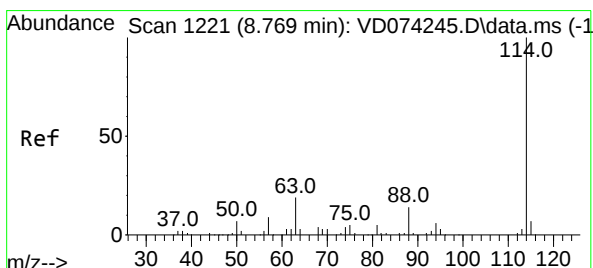
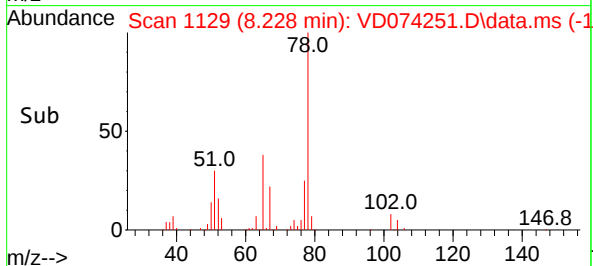
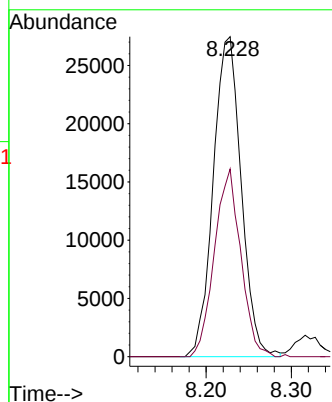
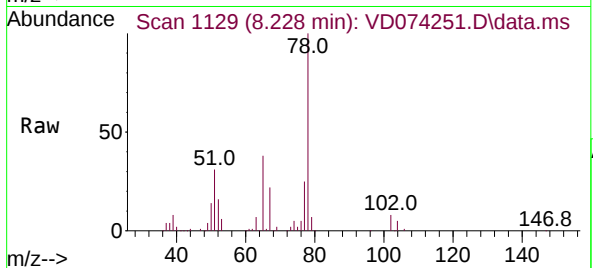
VSTDCCC050

Tgt Ion: 65 Resp: 62648

Ion Ratio Lower Upper

65 100

67 55.3 0.0 110.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.769 min Scan# 1221

Delta R.T. 0.000 min

Lab File: VD074251.D

Acq: 12 Sep 2022 11:56

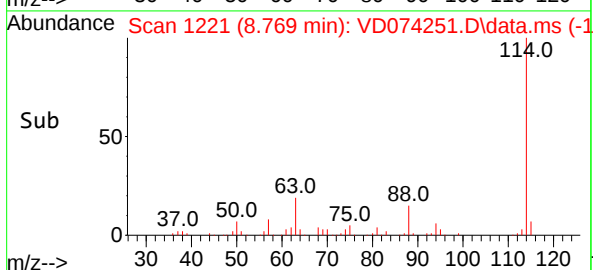
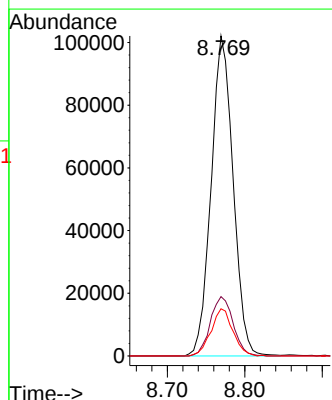
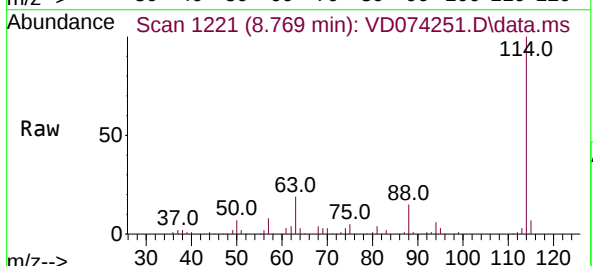
Tgt Ion: 114 Resp: 201806

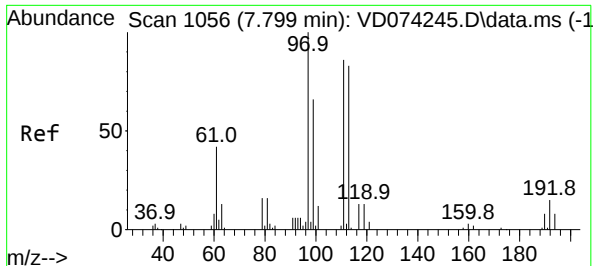
Ion Ratio Lower Upper

114 100

63 18.6 0.0 37.6

88 14.8 0.0 28.4





#35

Dibromofluoromethane

Concen: 48.226 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VD074251.D

Acq: 12 Sep 2022 11:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

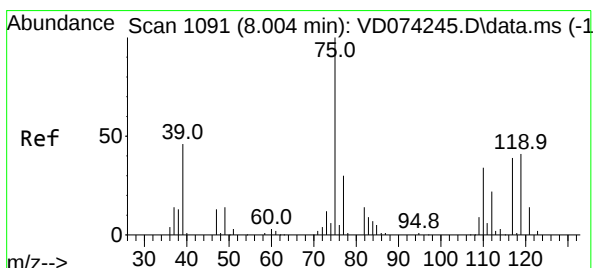
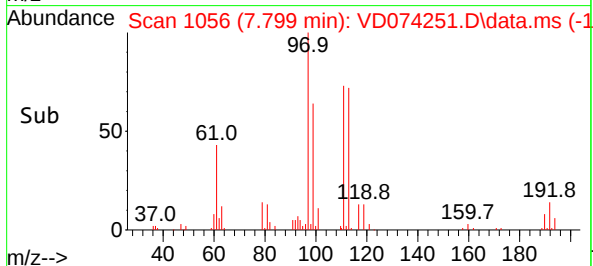
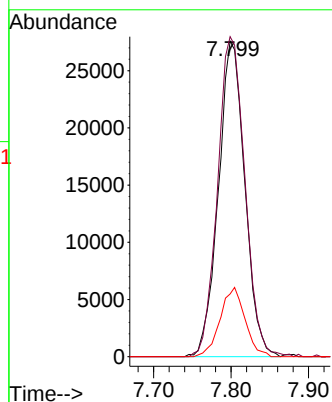
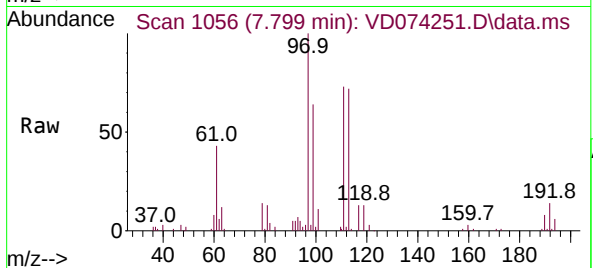
Tgt Ion:113 Resp: 65288

Ion Ratio Lower Upper

113 100

111 105.2 83.0 124.6

192 20.8 16.2 24.2



#36

1,1-Dichloropropene

Concen: 48.866 ug/l

RT: 8.005 min Scan# 1091

Delta R.T. 0.000 min

Lab File: VD074251.D

Acq: 12 Sep 2022 11:56

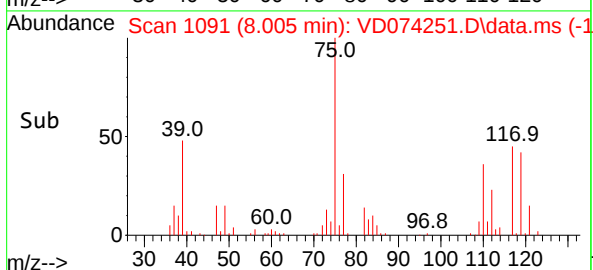
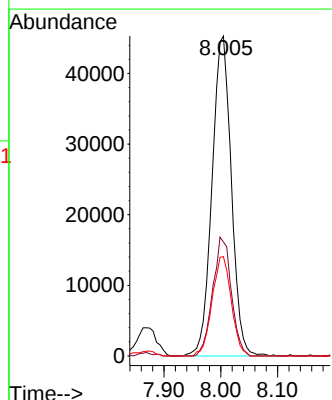
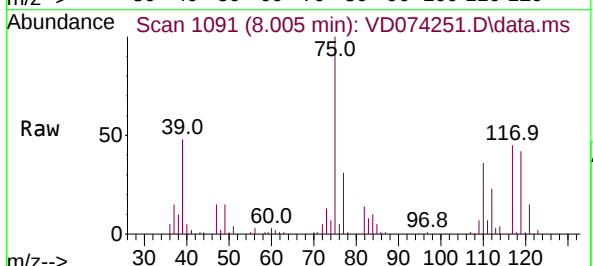
Tgt Ion: 75 Resp: 106737

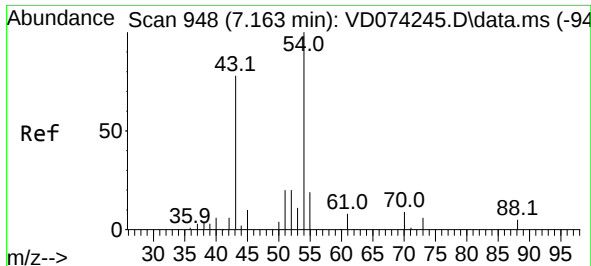
Ion Ratio Lower Upper

75 100

110 35.9 17.5 52.5

77 30.9 24.8 37.2





#37

Ethyl Acetate

Concen: 48.025 ug/l

RT: 7.169 min Scan# 948

Delta R.T. 0.006 min

Lab File: VD074251.D

Acq: 12 Sep 2022 11:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

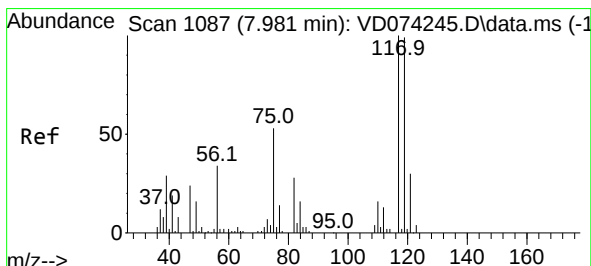
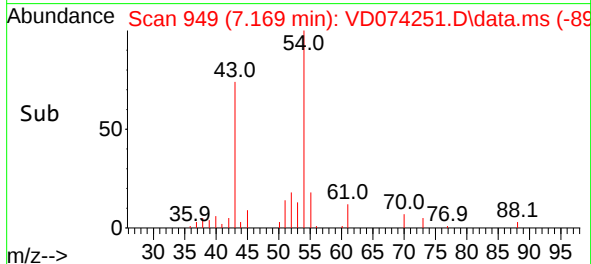
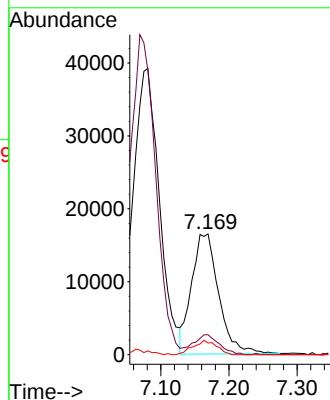
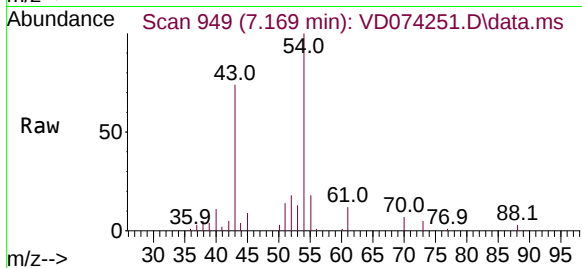
Tgt Ion: 43 Resp: 45490

Ion Ratio Lower Upper

43 100

61 15.5 12.1 18.1

70 10.2 8.5 12.7



#38

Carbon Tetrachloride

Concen: 50.950 ug/l

RT: 7.981 min Scan# 1087

Delta R.T. 0.000 min

Lab File: VD074251.D

Acq: 12 Sep 2022 11:56

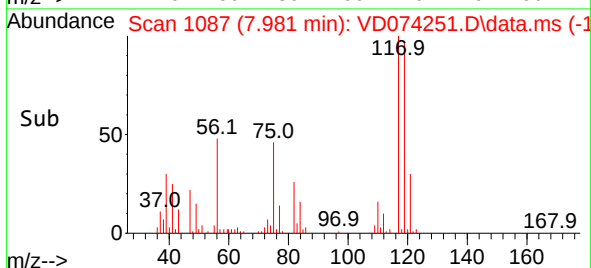
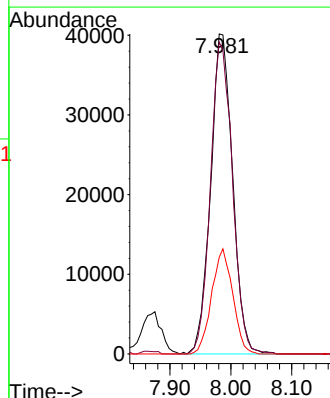
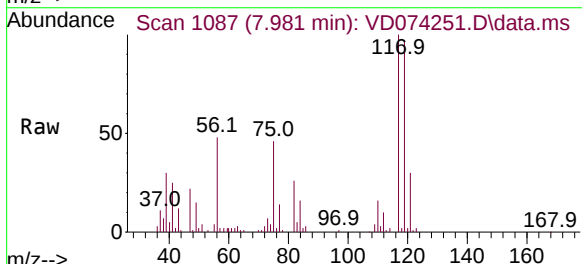
Tgt Ion: 117 Resp: 100691

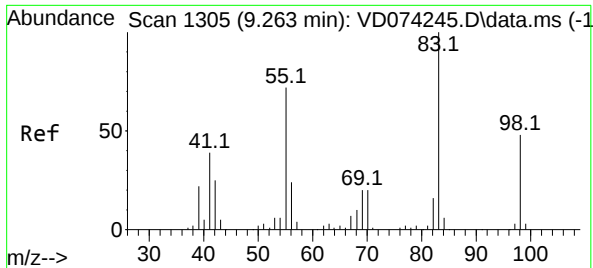
Ion Ratio Lower Upper

117 100

119 97.4 78.8 118.2

121 30.3 23.9 35.9





#39

Methylcyclohexane

Concen: 47.679 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. 0.006 min

Lab File: VD074251.D

Acq: 12 Sep 2022 11:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

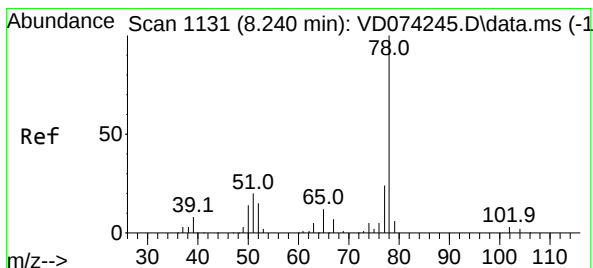
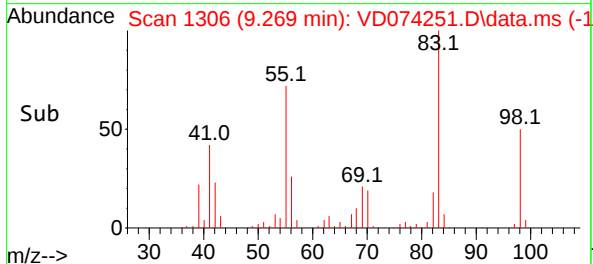
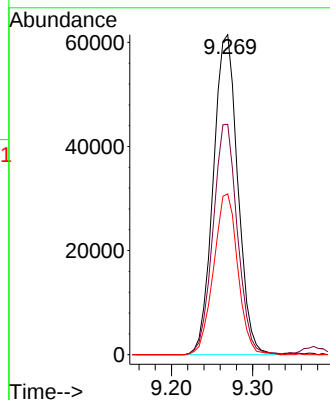
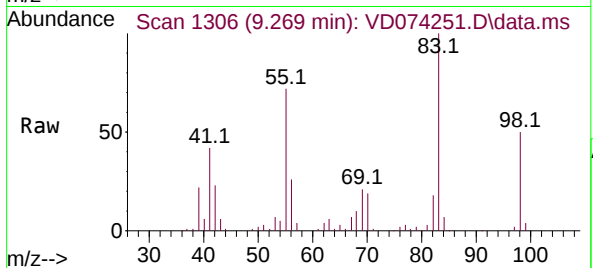
Tgt Ion: 83 Resp: 128918

Ion Ratio Lower Upper

83 100

55 72.0 57.2 85.8

98 50.3 38.3 57.5



#40

Benzene

Concen: 49.910 ug/l

RT: 8.246 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VD074251.D

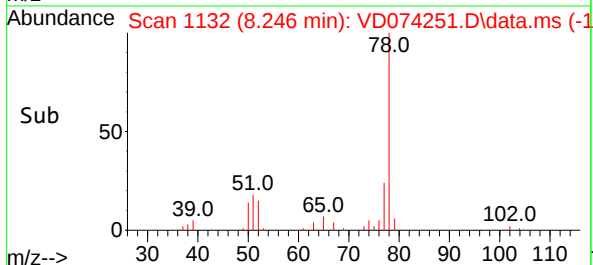
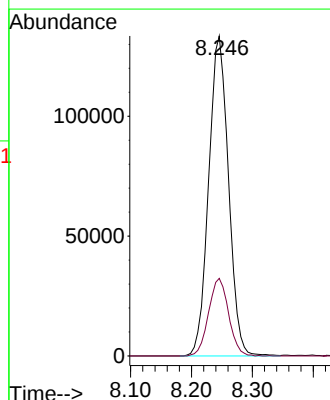
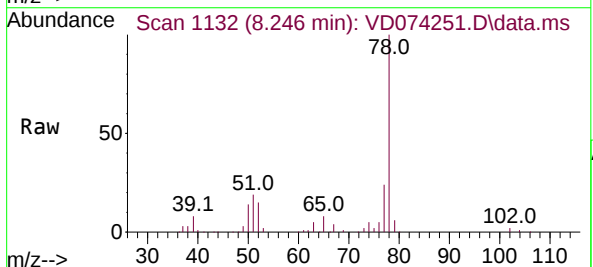
Acq: 12 Sep 2022 11:56

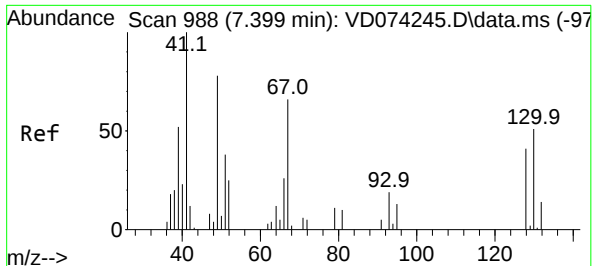
Tgt Ion: 78 Resp: 301705

Ion Ratio Lower Upper

78 100

77 24.3 19.4 29.2



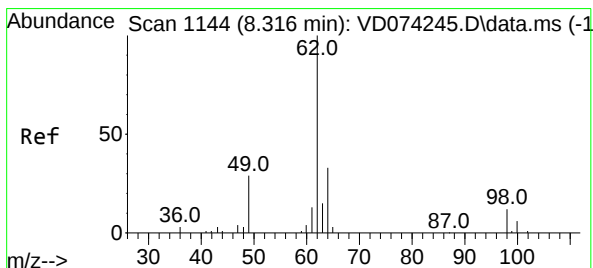
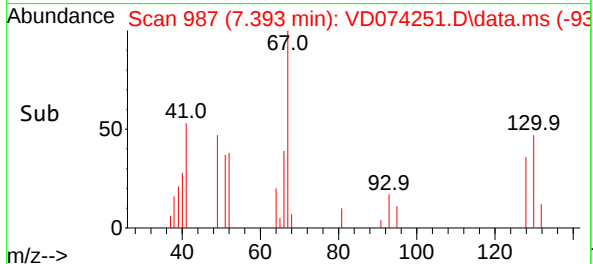
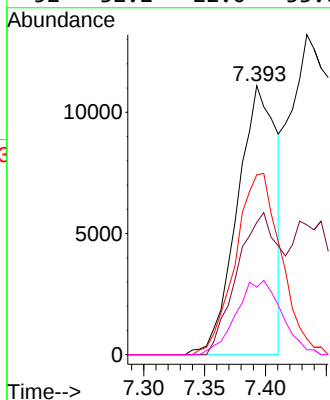
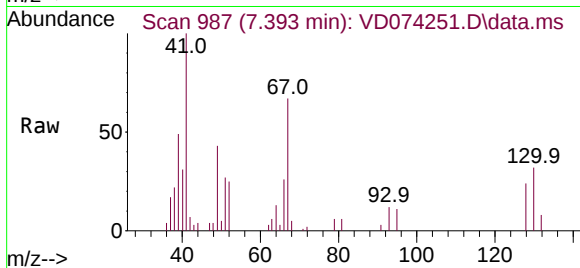


#41
Methacrylonitrile
Concen: 46.928 ug/l
RT: 7.393 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD074251.D
Acq: 12 Sep 2022 11:56

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 24759

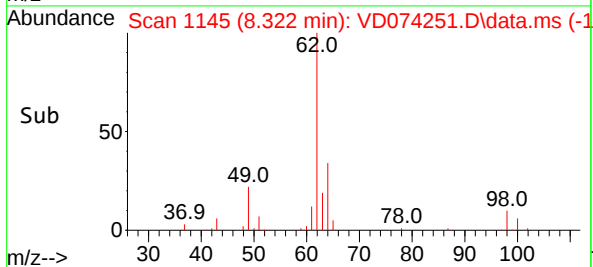
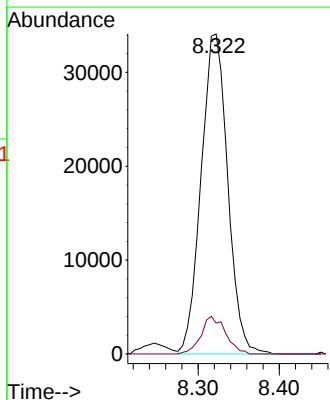
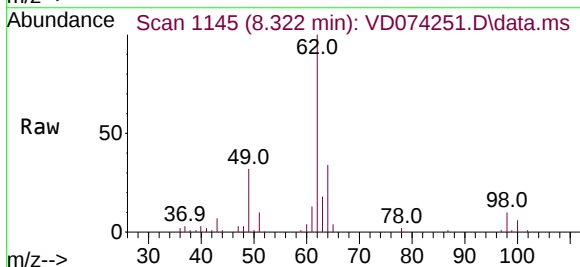
Ion	Ratio	Lower	Upper
41	100		
39	58.8	39.8	59.6
67	78.8	56.1	84.1
52	32.2	22.0	33.0

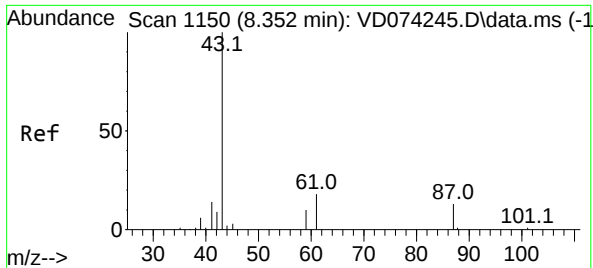


#42
1,2-Dichloroethane
Concen: 48.614 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VD074251.D
Acq: 12 Sep 2022 11:56

Tgt Ion: 62 Resp: 77662

Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	21.4

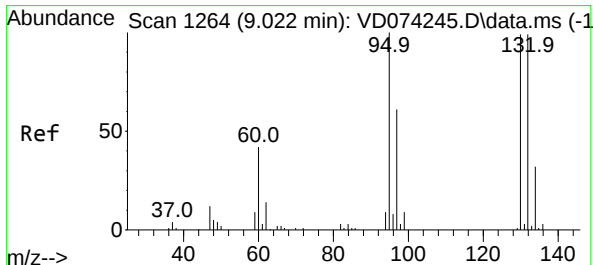
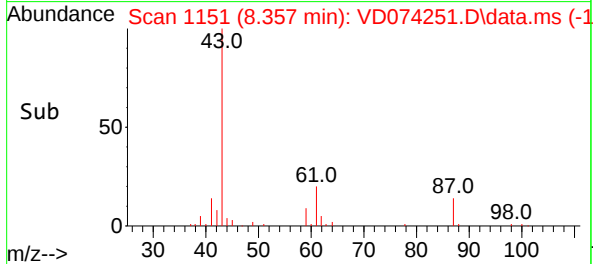
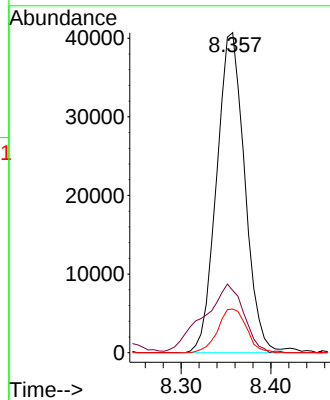
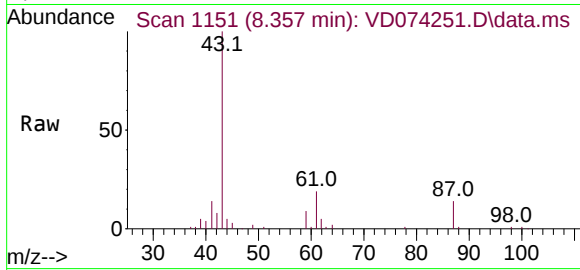




#43
Isopropyl Acetate
Concen: 48.273 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. 0.006 min
Lab File: VD074251.D
Acq: 12 Sep 2022 11:56

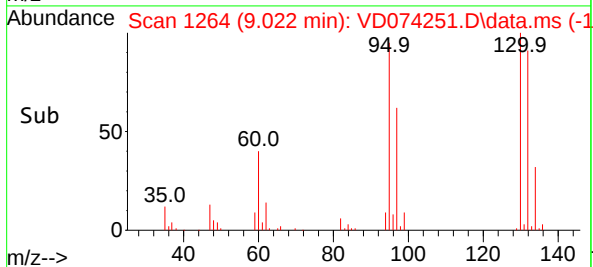
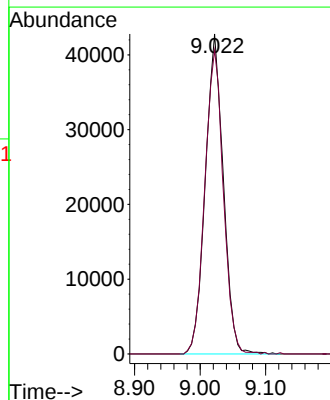
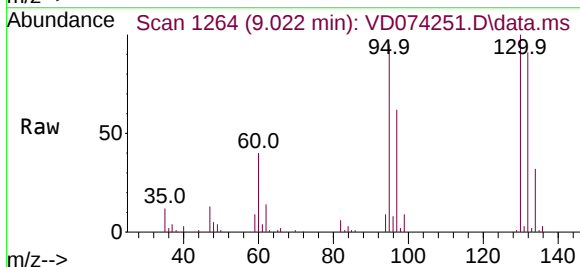
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

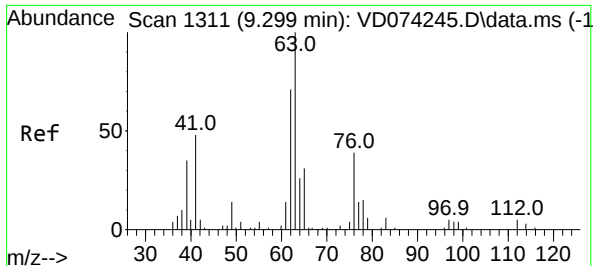
Tgt Ion: 43 Resp: 88323
Ion Ratio Lower Upper
43 100
61 30.7 24.5 36.7
87 14.0 10.8 16.2



#44
Trichloroethene
Concen: 48.762 ug/l
RT: 9.022 min Scan# 1264
Delta R.T. 0.000 min
Lab File: VD074251.D
Acq: 12 Sep 2022 11:56

Tgt Ion: 130 Resp: 81819
Ion Ratio Lower Upper
130 100
95 94.9 0.0 202.2





#45

1,2-Dichloropropane

Concen: 49.168 ug/l

RT: 9.299 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VD074251.D

Acq: 12 Sep 2022 11:56

Instrument :

MSVOA_D

ClientSampleId :

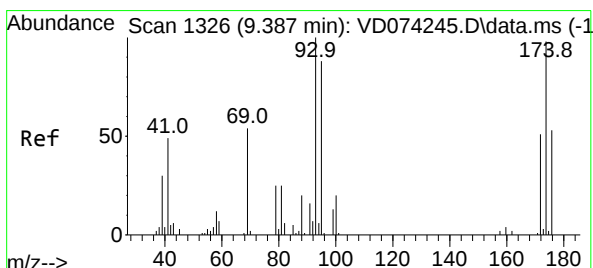
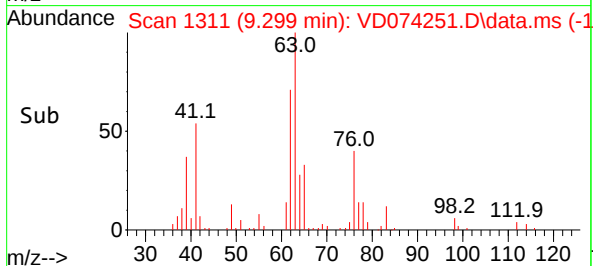
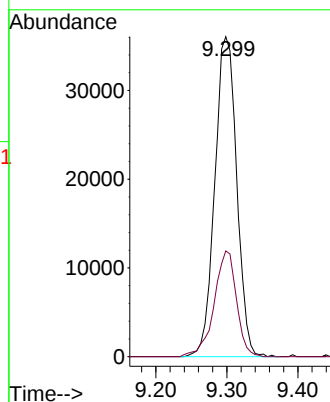
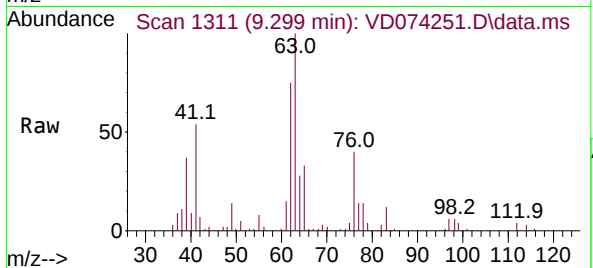
VSTDCCC050

Tgt Ion: 63 Resp: 77246

Ion Ratio Lower Upper

63 100

65 33.1 24.5 36.7



#46

Dibromomethane

Concen: 49.916 ug/l

RT: 9.387 min Scan# 1326

Delta R.T. 0.000 min

Lab File: VD074251.D

Acq: 12 Sep 2022 11:56

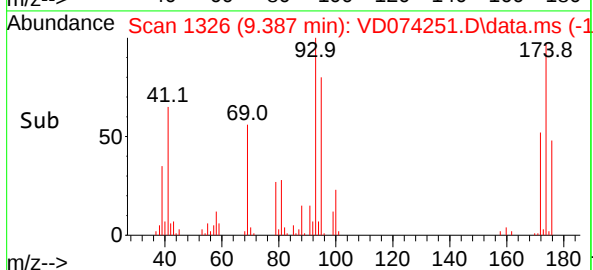
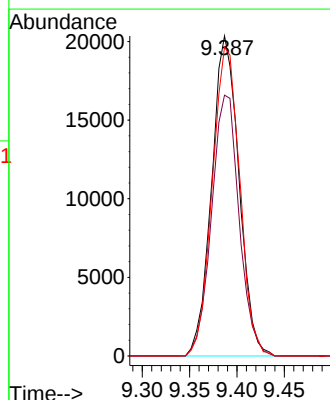
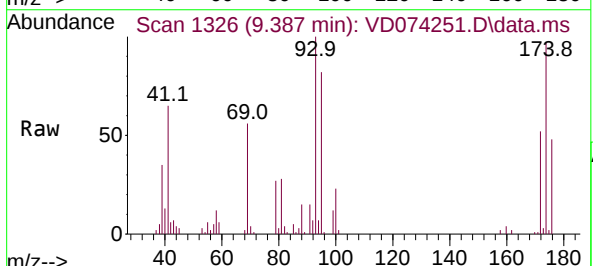
Tgt Ion: 93 Resp: 40716

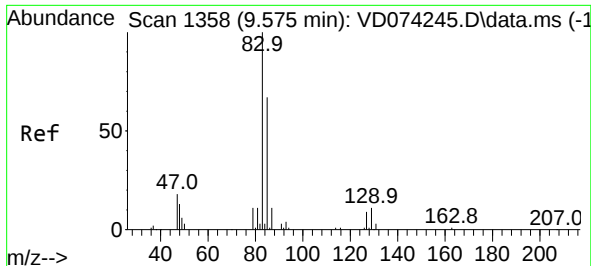
Ion Ratio Lower Upper

93 100

95 82.6 67.7 101.5

174 97.0 79.6 119.4





#47

Bromodichloromethane

Concen: 49.493 ug/l

RT: 9.581 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD074251.D

Acq: 12 Sep 2022 11:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

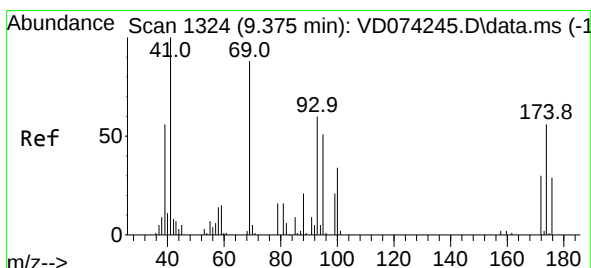
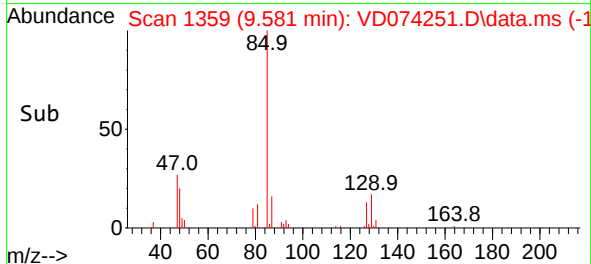
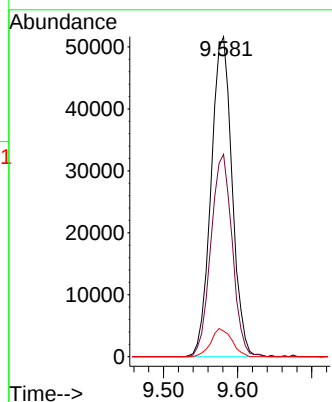
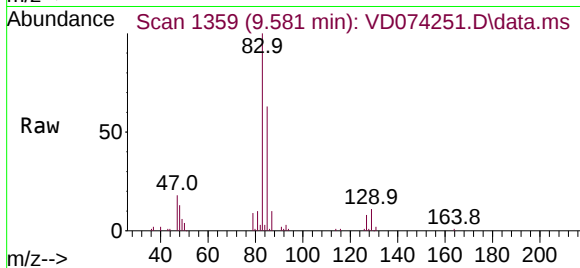
Tgt Ion: 83 Resp: 101569

Ion Ratio Lower Upper

83 100

85 63.3 53.4 80.2

127 8.0 6.9 10.3



#48

Methyl methacrylate

Concen: 47.736 ug/l

RT: 9.375 min Scan# 1324

Delta R.T. 0.000 min

Lab File: VD074251.D

Acq: 12 Sep 2022 11:56

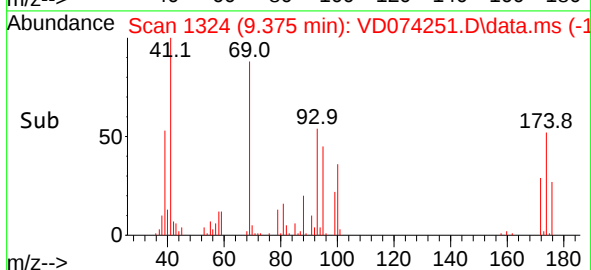
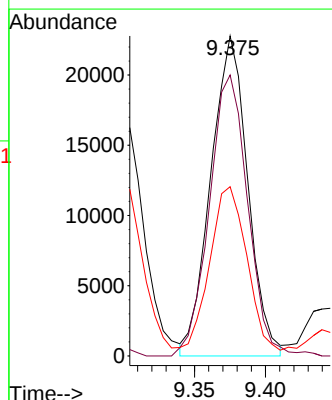
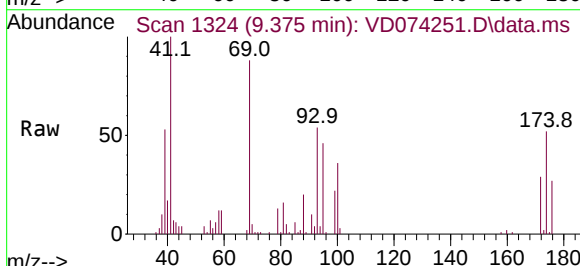
Tgt Ion: 41 Resp: 41251

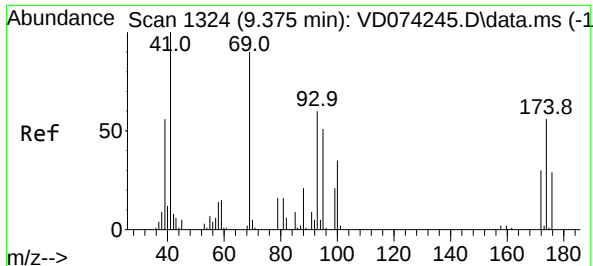
Ion Ratio Lower Upper

41 100

69 91.3 72.7 109.1

39 51.1 41.6 62.4





#49

1,4-Dioxane

Concen: 1020.659 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. 0.006 min

Lab File: VD074251.D

Acq: 12 Sep 2022 11:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

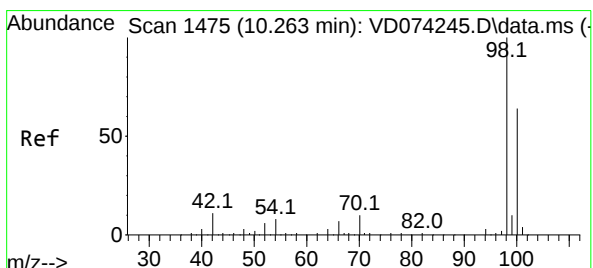
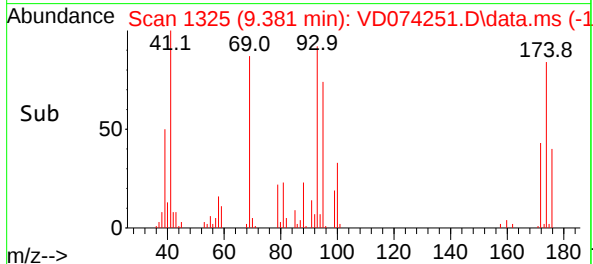
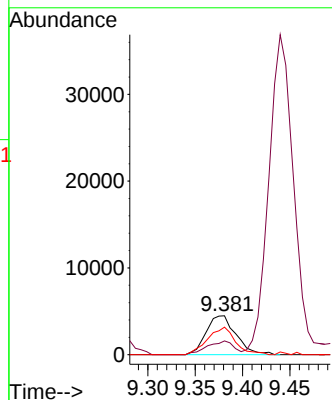
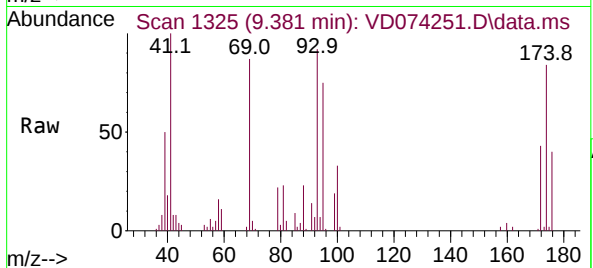
Tgt Ion: 88 Resp: 9859

Ion Ratio Lower Upper

88 100

43 31.4 27.0 40.4

58 65.9 54.2 81.2



#50

Toluene-d8

Concen: 51.962 ug/l

RT: 10.263 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VD074251.D

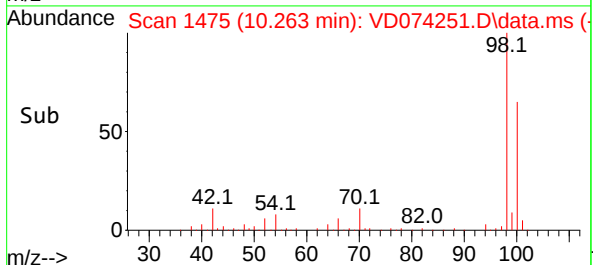
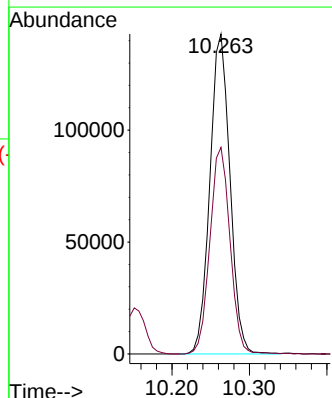
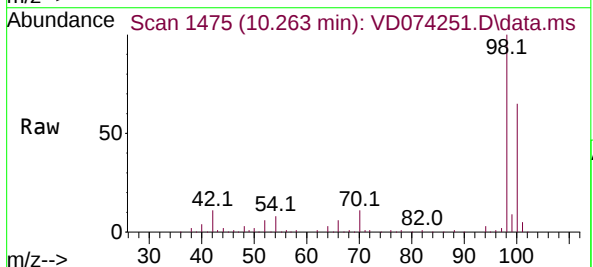
Acq: 12 Sep 2022 11:56

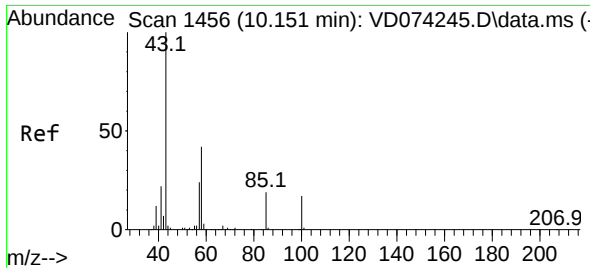
Tgt Ion: 98 Resp: 257050

Ion Ratio Lower Upper

98 100

100 64.7 51.8 77.8

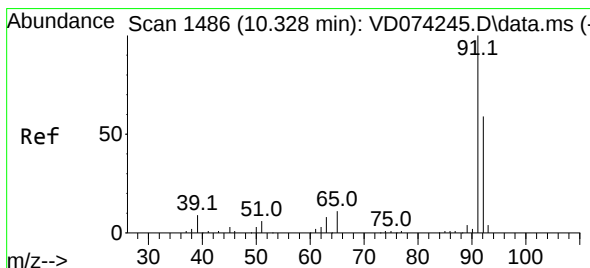
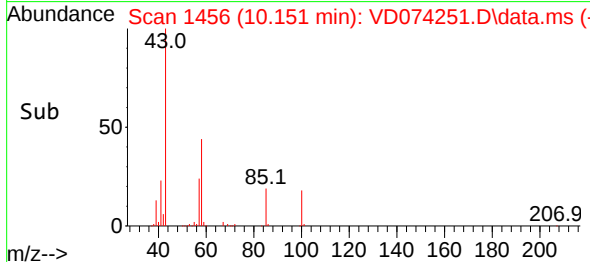
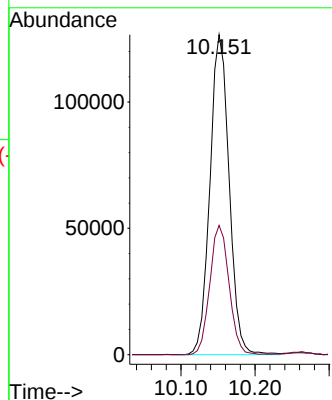
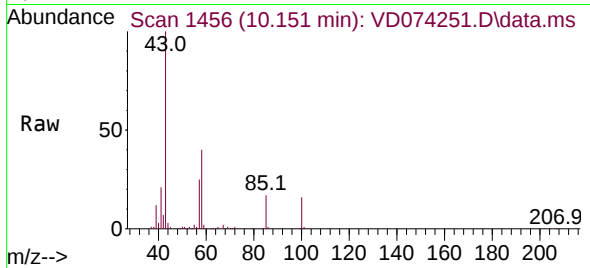




#51
4-Methyl-2-Pentanone
Concen: 246.802 ug/l
RT: 10.151 min Scan# 1456
Delta R.T. 0.000 min
Lab File: VD074251.D
Acq: 12 Sep 2022 11:56

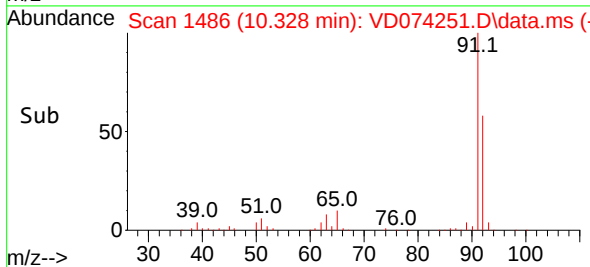
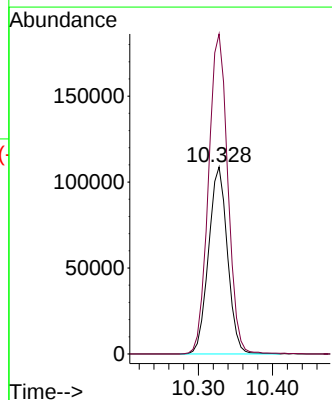
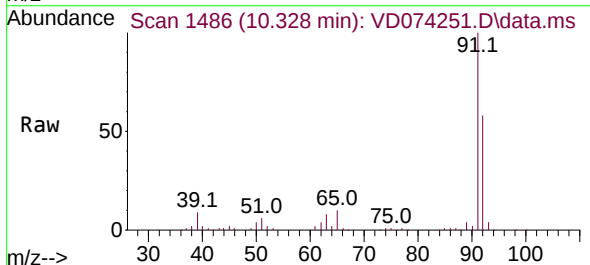
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

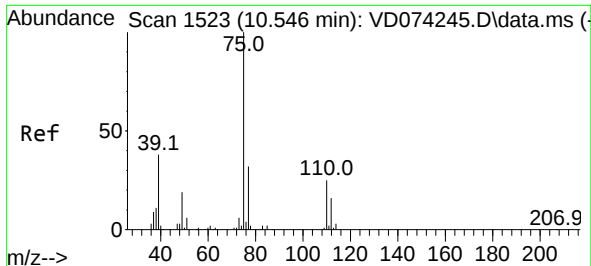
Tgt Ion: 43 Resp: 228228
Ion Ratio Lower Upper
43 100
58 40.5 33.3 49.9



#52
Toluene
Concen: 49.710 ug/l
RT: 10.328 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VD074251.D
Acq: 12 Sep 2022 11:56

Tgt Ion: 92 Resp: 192742
Ion Ratio Lower Upper
92 100
91 175.1 139.3 208.9

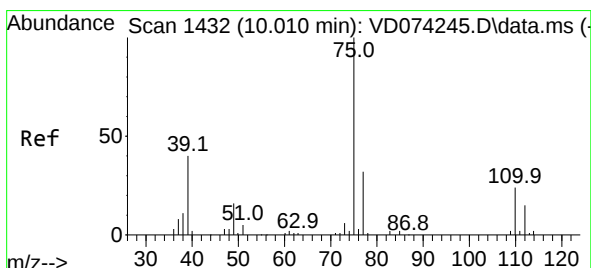
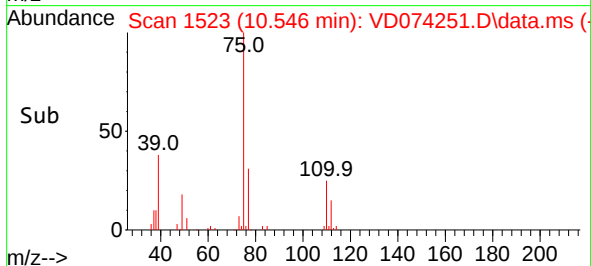
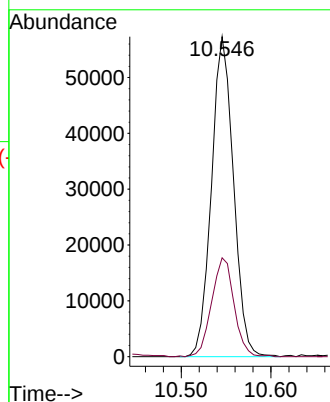
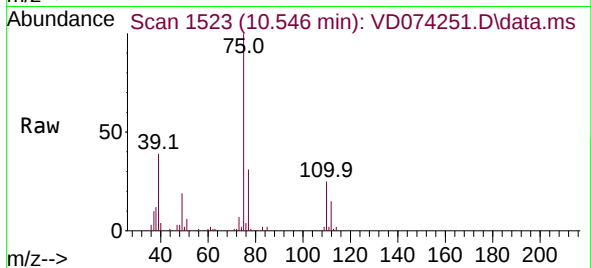




#53
t-1,3-Dichloropropene
Concen: 50.478 ug/l
RT: 10.546 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD074251.D
Acq: 12 Sep 2022 11:56

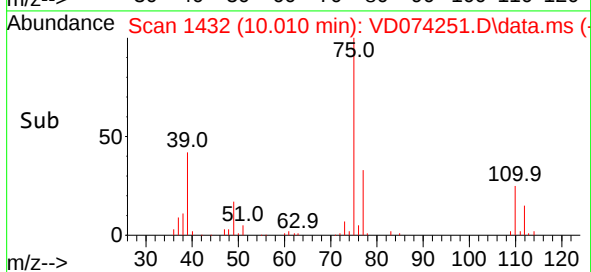
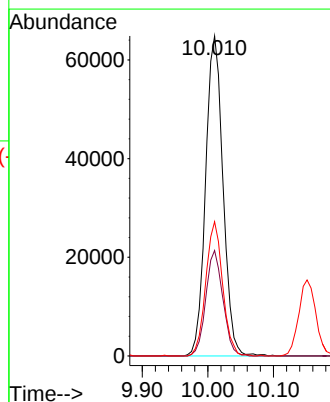
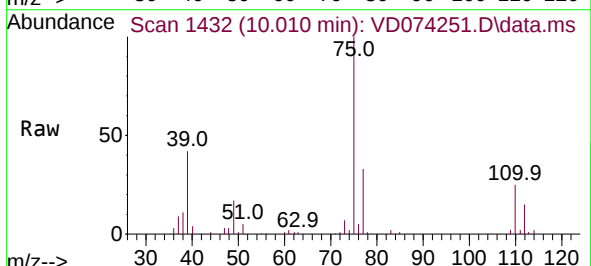
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

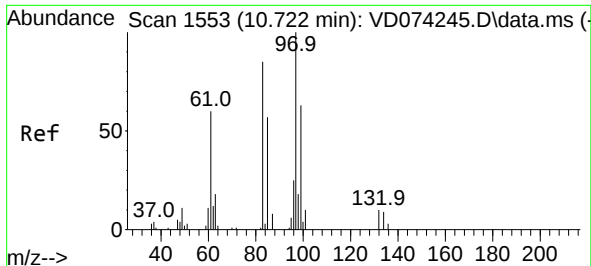
Tgt Ion: 75 Resp: 97648
Ion Ratio Lower Upper
75 100
77 30.9 25.7 38.5



#54
cis-1,3-Dichloropropene
Concen: 50.228 ug/l
RT: 10.010 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD074251.D
Acq: 12 Sep 2022 11:56

Tgt Ion: 75 Resp: 119713
Ion Ratio Lower Upper
75 100
77 32.9 25.4 38.0
39 41.9 31.6 47.4

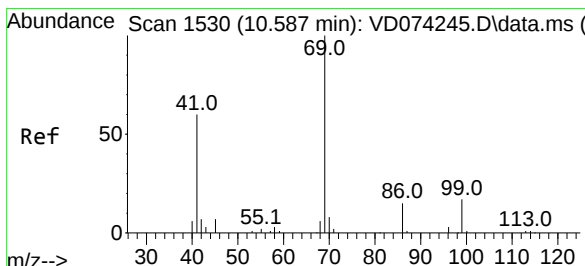
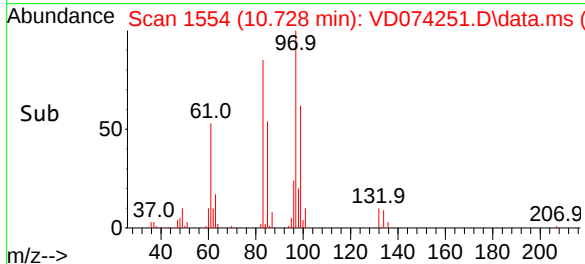
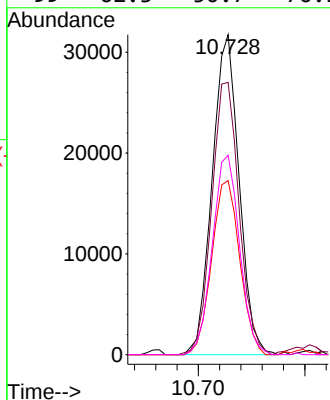
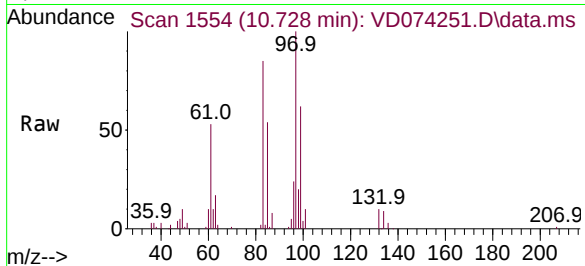




#55
1,1,2-Trichloroethane
Concen: 49.266 ug/l
RT: 10.728 min Scan# 1553
Delta R.T. 0.006 min
Lab File: VD074251.D
Acq: 12 Sep 2022 11:56

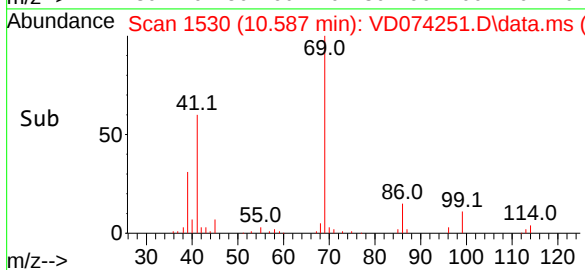
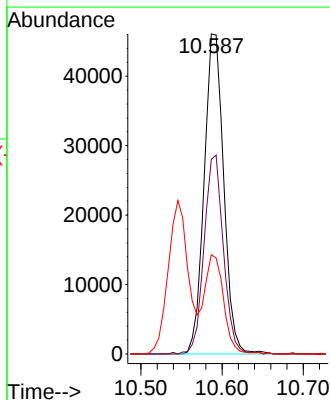
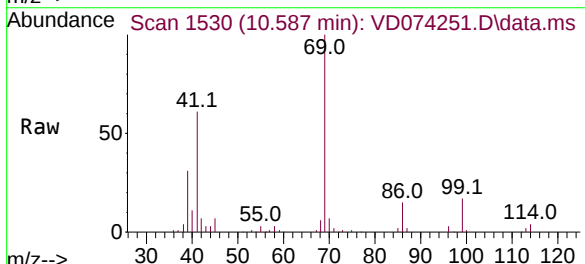
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

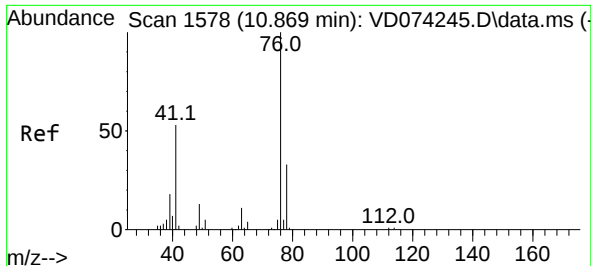
Tgt Ion: 97	Resp: 55551
Ion Ratio	Lower Upper
97 100	
83 85.1	68.0 102.0
85 54.4	45.8 68.8
99 62.3	50.7 76.1



#56
Ethyl methacrylate
Concen: 51.516 ug/l
RT: 10.587 min Scan# 1530
Delta R.T. 0.000 min
Lab File: VD074251.D
Acq: 12 Sep 2022 11:56

Tgt Ion: 69	Resp: 77181
Ion Ratio	Lower Upper
69 100	
41 61.6	49.4 74.2
39 30.5	24.2 36.4





#57

1,3-Dichloropropane

Concen: 48.696 ug/l

RT: 10.875 min Scan# 1579

Delta R.T. 0.006 min

Lab File: VD074251.D

Acq: 12 Sep 2022 11:56

Instrument :

MSVOA_D

ClientSampleId :

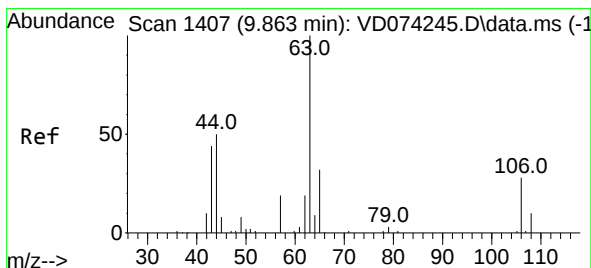
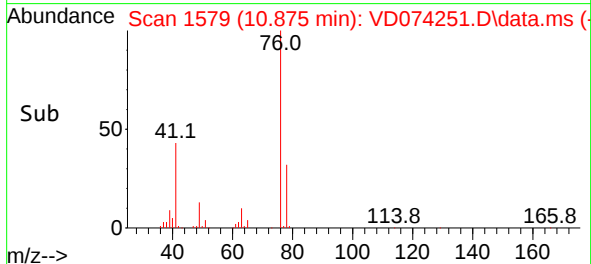
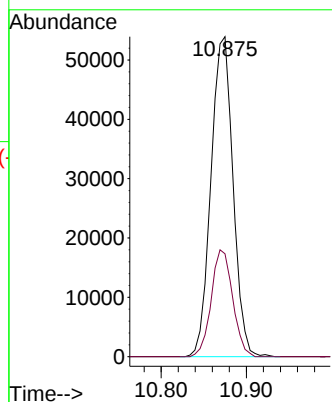
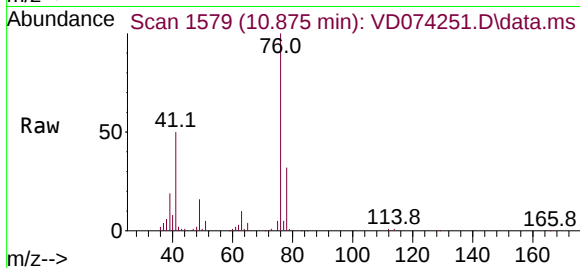
VSTDCCC050

Tgt Ion: 76 Resp: 96905

Ion Ratio Lower Upper

76 100

78 32.4 25.4 38.2



#58

2-Chloroethyl Vinyl ether

Concen: 204.650 ug/l

RT: 9.863 min Scan# 1407

Delta R.T. 0.000 min

Lab File: VD074251.D

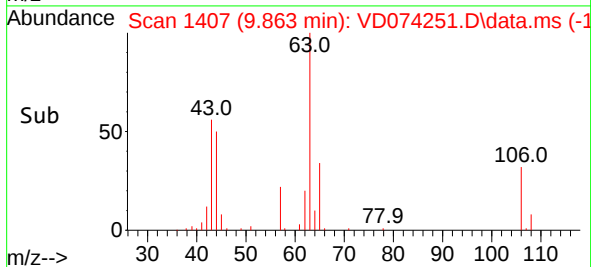
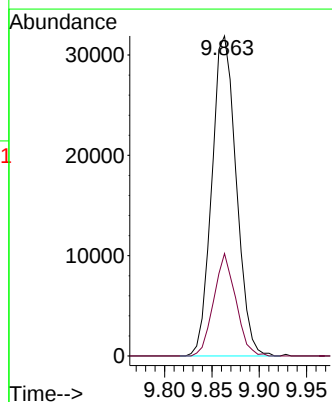
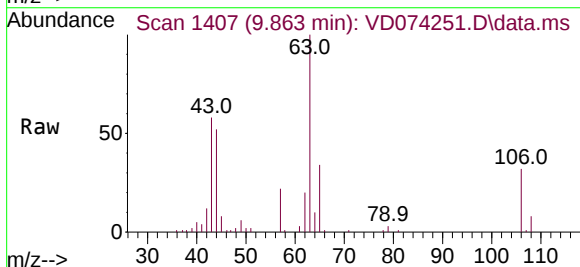
Acq: 12 Sep 2022 11:56

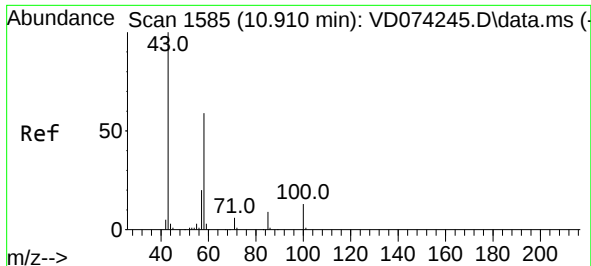
Tgt Ion: 63 Resp: 57134

Ion Ratio Lower Upper

63 100

106 28.9 21.9 32.9

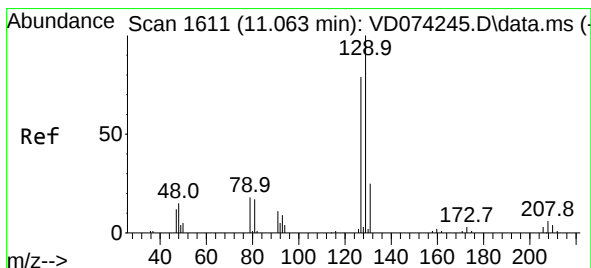
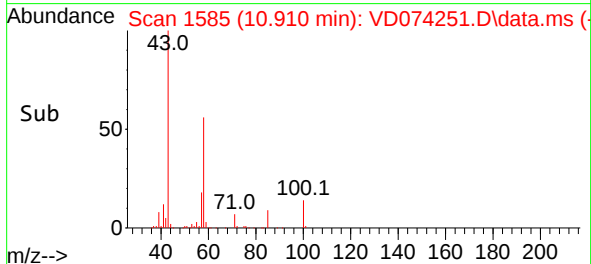
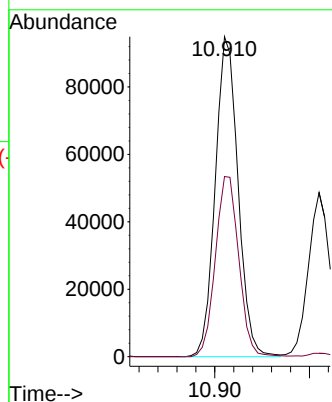
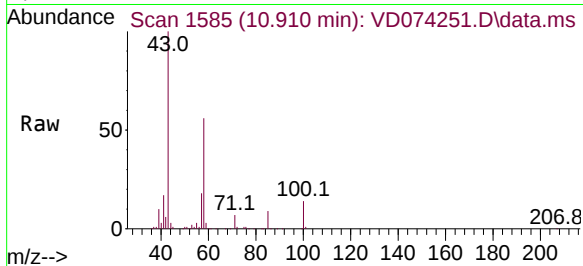




#59
2-Hexanone
Concen: 253.149 ug/l
RT: 10.910 min Scan# 1585
Delta R.T. 0.000 min
Lab File: VD074251.D
Acq: 12 Sep 2022 11:56

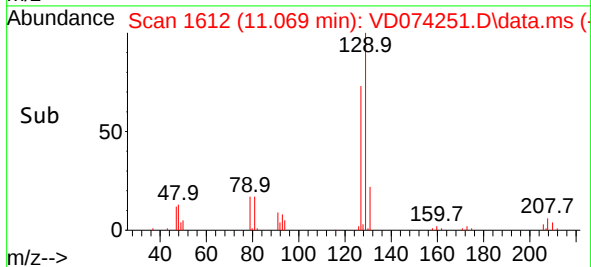
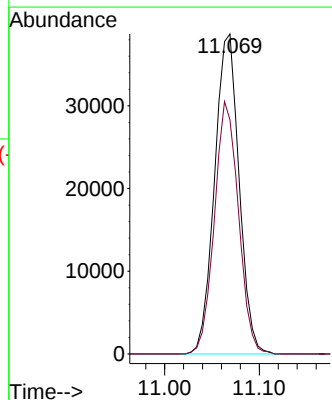
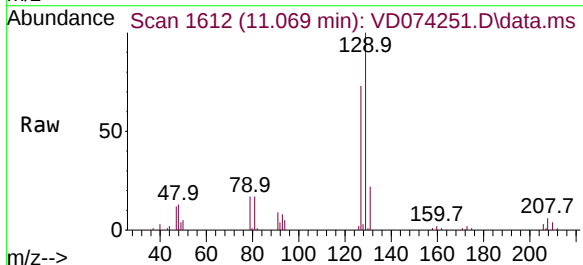
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

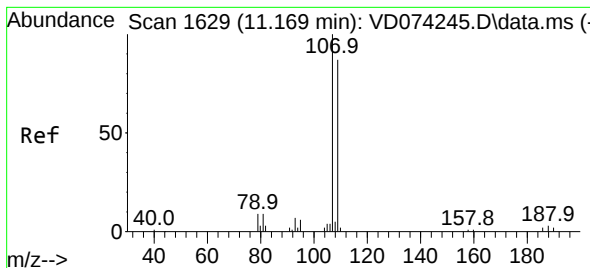
Tgt Ion: 43 Resp: 158967
Ion Ratio Lower Upper
43 100
58 57.7 28.6 85.8



#60
Dibromochloromethane
Concen: 50.709 ug/l
RT: 11.069 min Scan# 1612
Delta R.T. 0.006 min
Lab File: VD074251.D
Acq: 12 Sep 2022 11:56

Tgt Ion: 129 Resp: 69630
Ion Ratio Lower Upper
129 100
127 77.4 39.0 116.9





#61

1,2-Dibromoethane

Concen: 49.220 ug/l

RT: 11.169 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD074251.D

Acq: 12 Sep 2022 11:56

Instrument :

MSVOA_D

ClientSampleId :

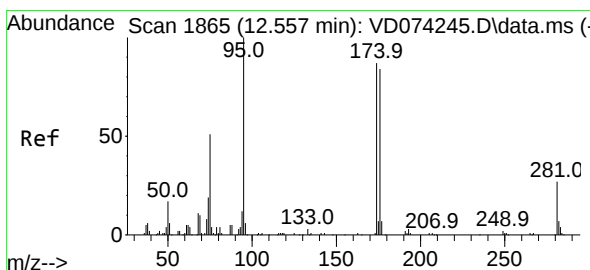
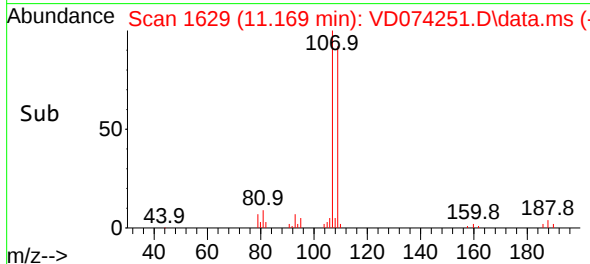
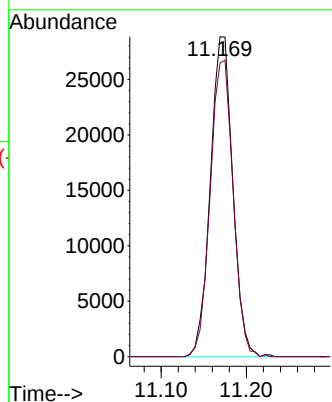
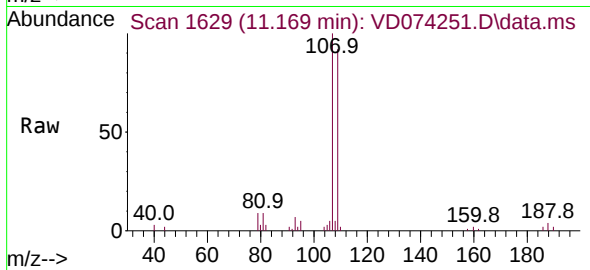
VSTDCCC050

Tgt Ion:107 Resp: 52824

Ion Ratio Lower Upper

107 100

109 94.3 73.7 110.5



#62

4-Bromofluorobenzene

Concen: 46.408 ug/l

RT: 12.557 min Scan# 1865

Delta R.T. 0.000 min

Lab File: VD074251.D

Acq: 12 Sep 2022 11:56

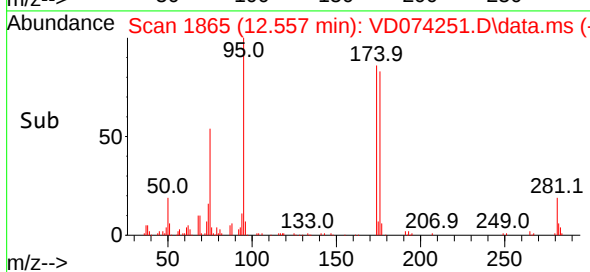
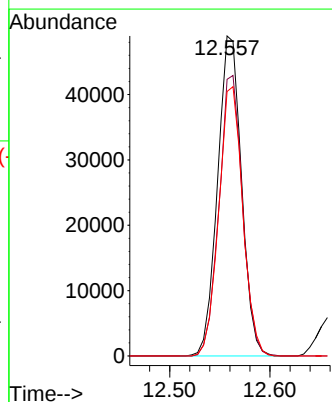
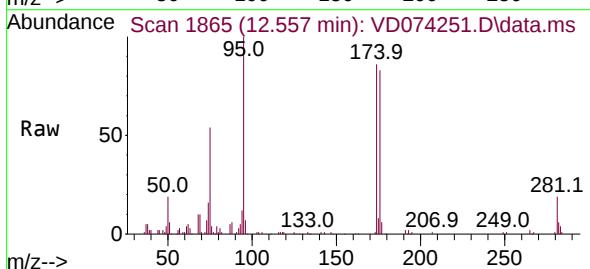
Tgt Ion: 95 Resp: 81037

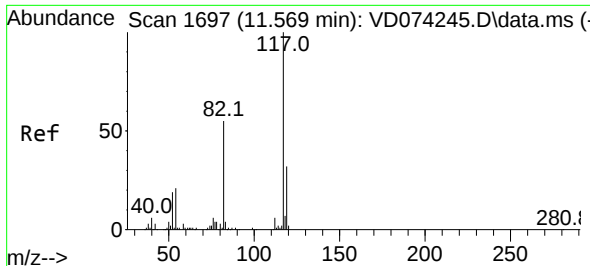
Ion Ratio Lower Upper

95 100

174 86.1 0.0 179.2

176 84.3 0.0 171.4

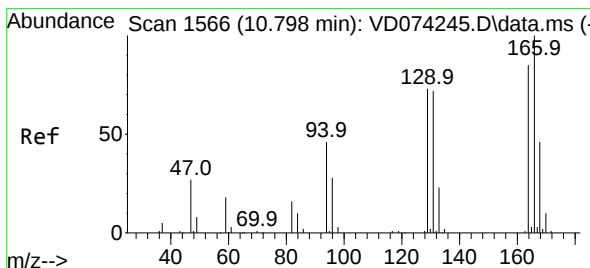
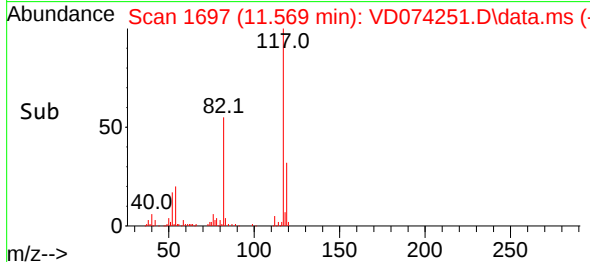
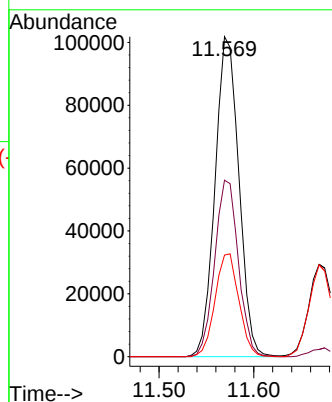
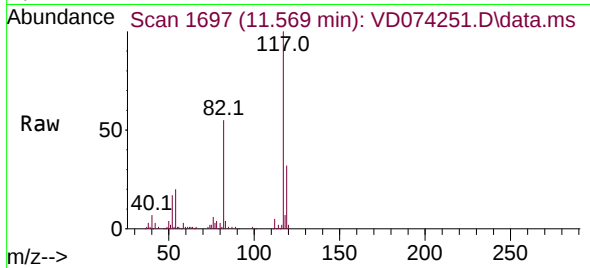




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.569 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD074251.D
Acq: 12 Sep 2022 11:56

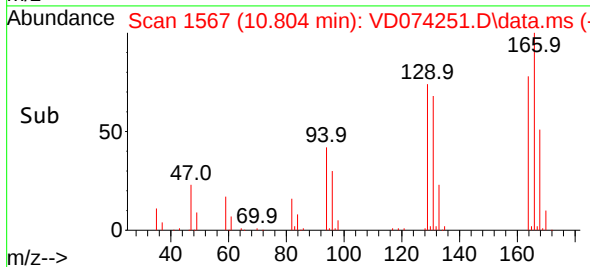
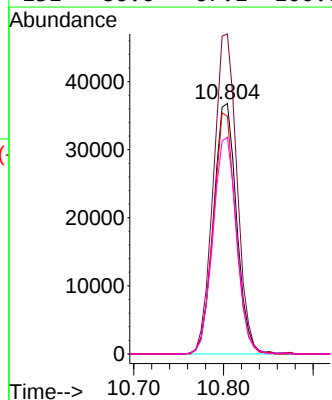
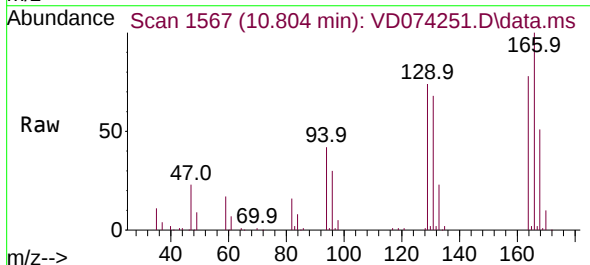
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

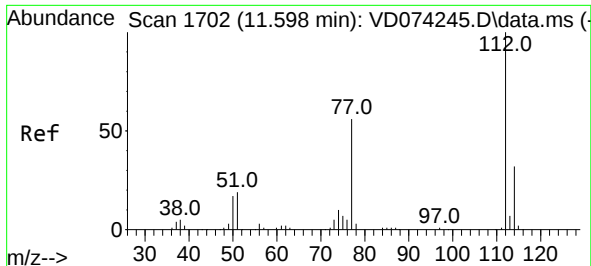
Tgt Ion:117 Resp: 178345
Ion Ratio Lower Upper
117 100
82 55.2 44.2 66.2
119 31.8 25.4 38.0



#64
Tetrachloroethene
Concen: 48.303 ug/l
RT: 10.804 min Scan# 1567
Delta R.T. 0.006 min
Lab File: VD074251.D
Acq: 12 Sep 2022 11:56

Tgt Ion:164 Resp: 65866
Ion Ratio Lower Upper
164 100
166 127.8 93.8 140.8
129 95.0 68.3 102.5
131 86.6 67.1 100.7

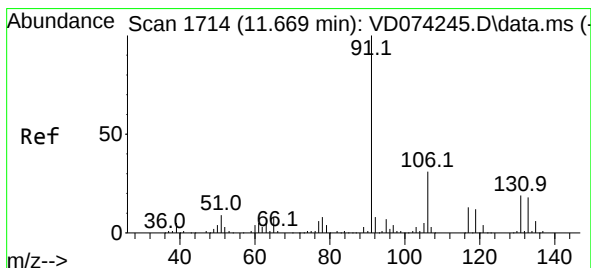
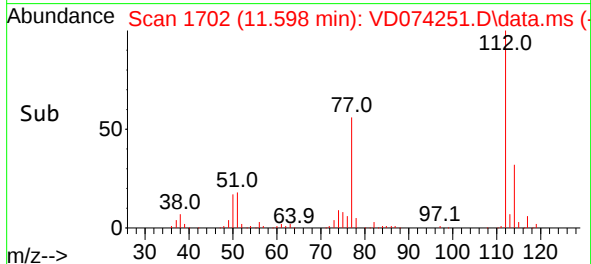
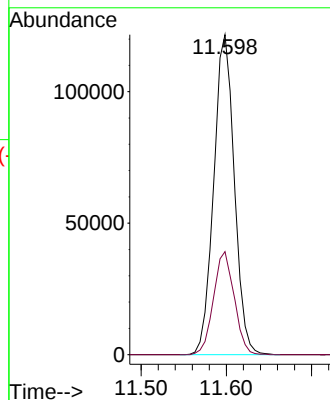
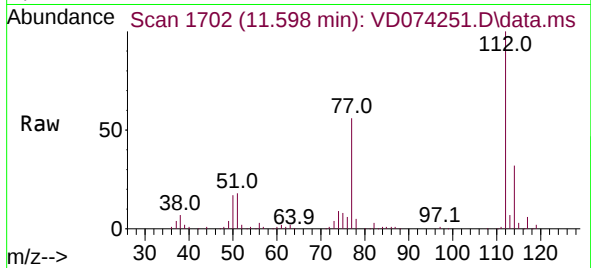




#65
Chlorobenzene
Concen: 50.929 ug/l
RT: 11.598 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VD074251.D
Acq: 12 Sep 2022 11:56

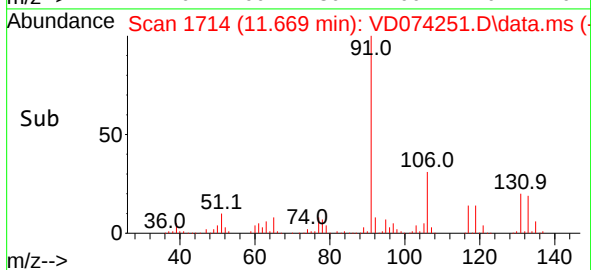
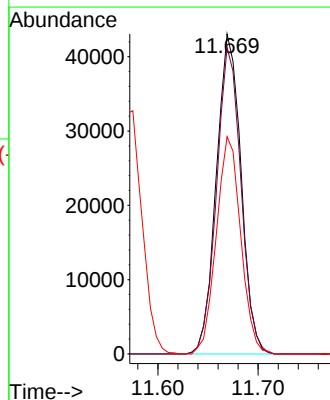
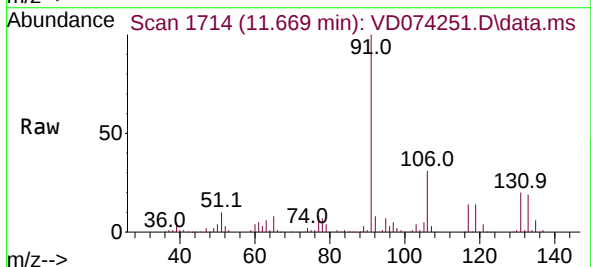
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

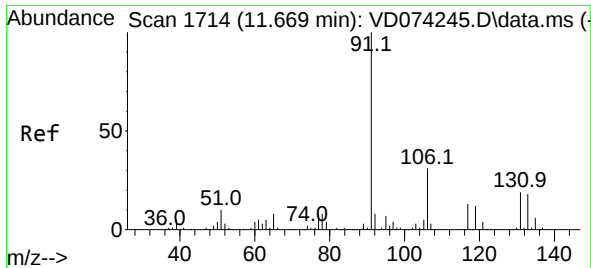
Tgt Ion:112 Resp: 204194
Ion Ratio Lower Upper
112 100
114 32.2 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 51.149 ug/l
RT: 11.669 min Scan# 1714
Delta R.T. 0.000 min
Lab File: VD074251.D
Acq: 12 Sep 2022 11:56

Tgt Ion:131 Resp: 73447
Ion Ratio Lower Upper
131 100
133 95.0 47.8 143.4
119 67.4 33.1 99.5





#67

Ethyl Benzene

Concen: 50.353 ug/l

RT: 11.675 min Scan# 1715

Delta R.T. 0.006 min

Lab File: VD074251.D

Acq: 12 Sep 2022 11:56

Instrument :

MSVOA_D

ClientSampleId :

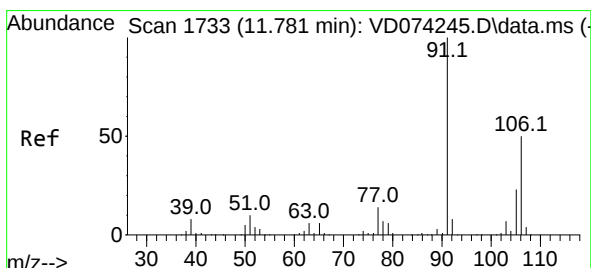
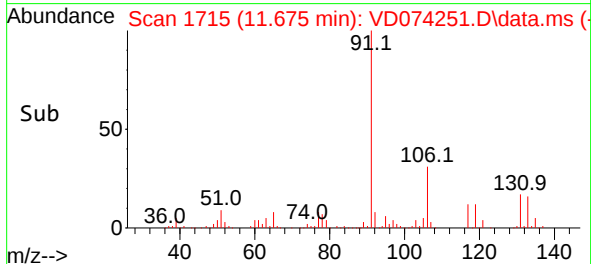
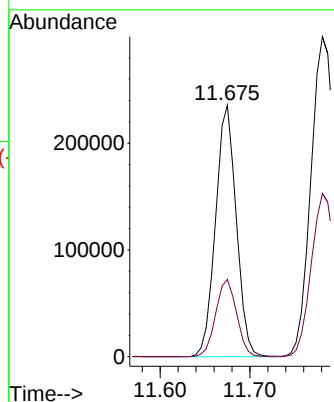
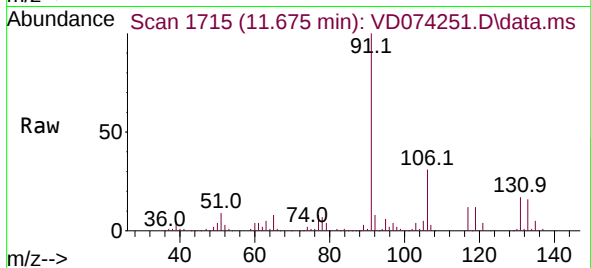
VSTDCCC050

Tgt Ion: 91 Resp: 377108

Ion Ratio Lower Upper

91 100

106 30.7 24.8 37.2



#68

m/p-Xylenes

Concen: 101.773 ug/l

RT: 11.781 min Scan# 1733

Delta R.T. 0.000 min

Lab File: VD074251.D

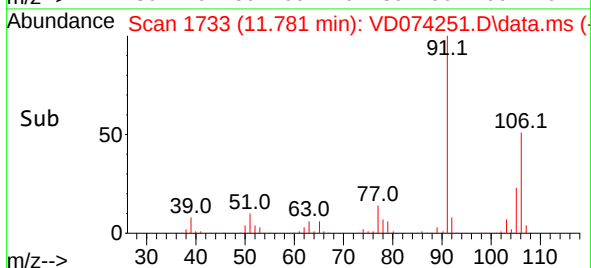
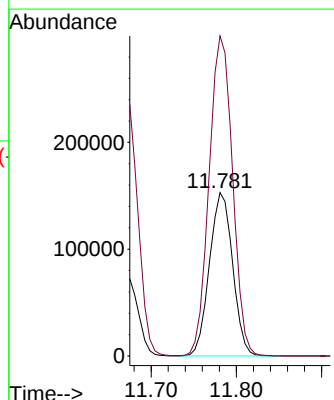
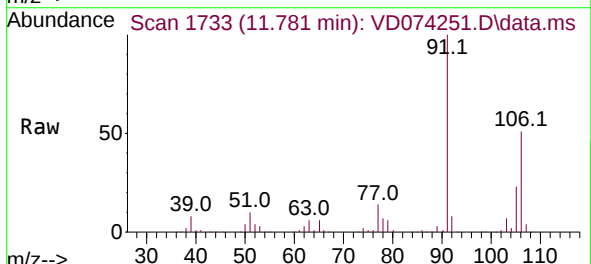
Acq: 12 Sep 2022 11:56

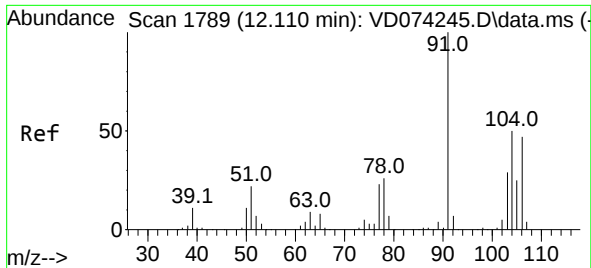
Tgt Ion:106 Resp: 289283

Ion Ratio Lower Upper

106 100

91 198.4 158.6 237.8

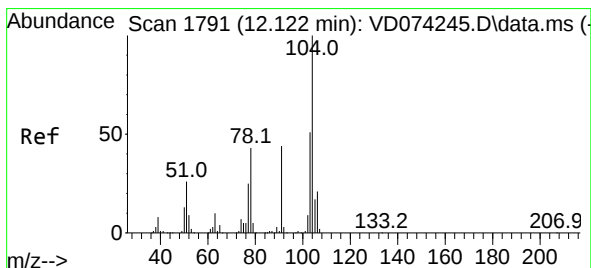
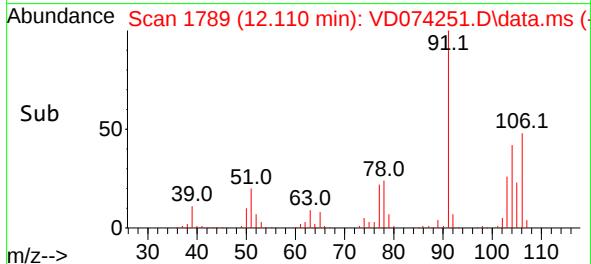
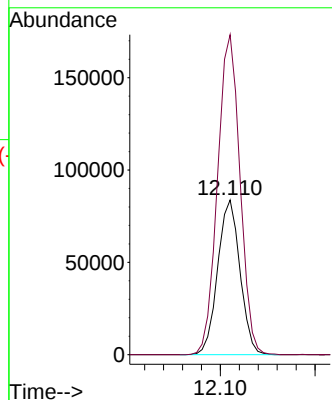
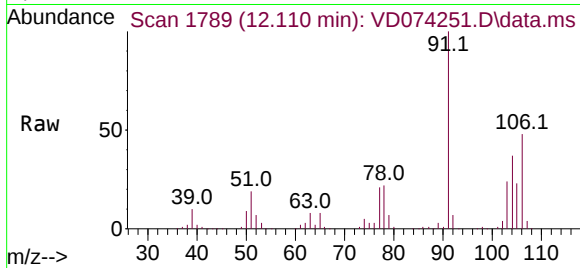




#69
o-Xylene
Concen: 51.030 ug/l
RT: 12.110 min Scan# 1789
Delta R.T. 0.000 min
Lab File: VD074251.D
Acq: 12 Sep 2022 11:56

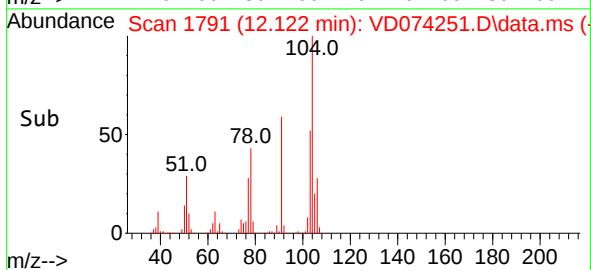
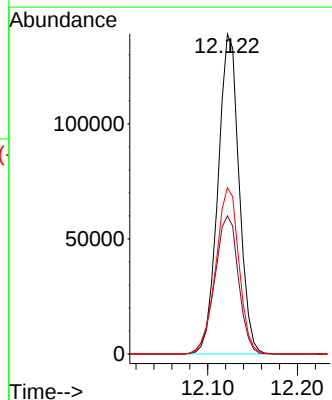
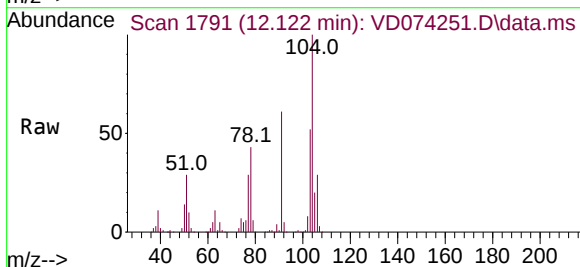
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

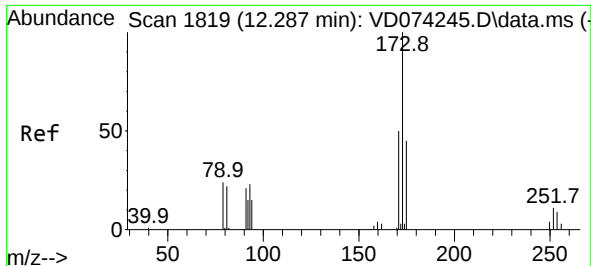
Tgt Ion:106 Resp: 137083
Ion Ratio Lower Upper
106 100
91 208.4 104.0 312.0



#70
Styrene
Concen: 50.625 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD074251.D
Acq: 12 Sep 2022 11:56

Tgt Ion:104 Resp: 226819
Ion Ratio Lower Upper
104 100
78 48.5 38.4 57.6
103 57.0 44.1 66.1

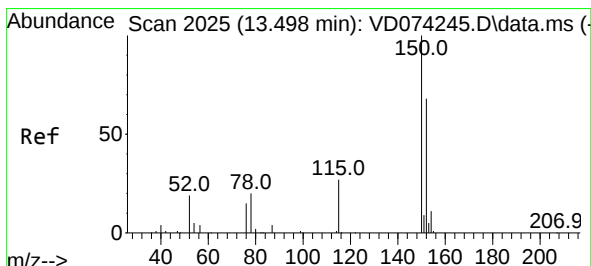
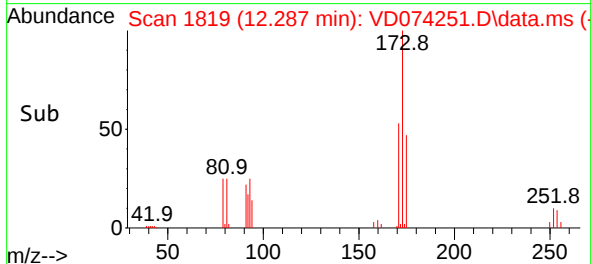
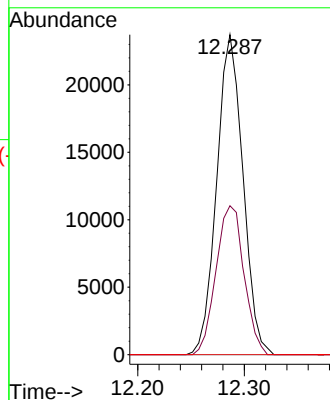
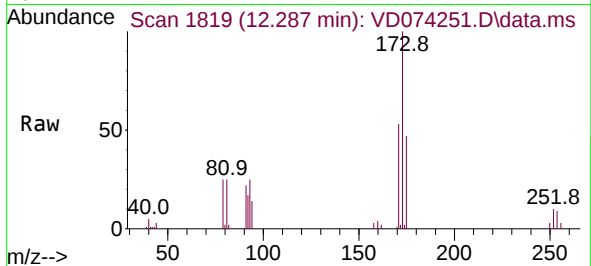




#71
Bromoform
Concen: 50.692 ug/l
RT: 12.287 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD074251.D
Acq: 12 Sep 2022 11:56

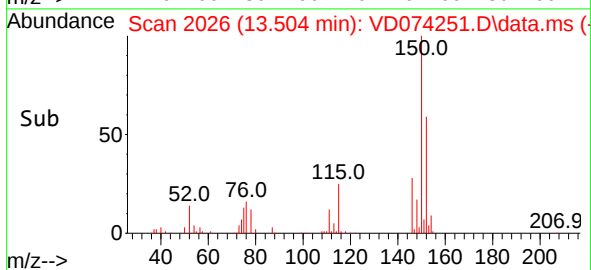
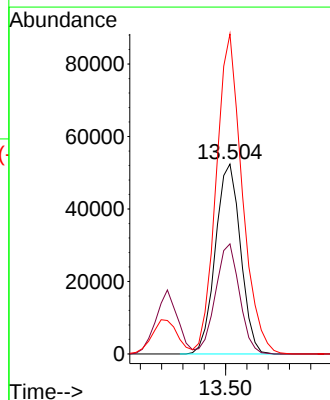
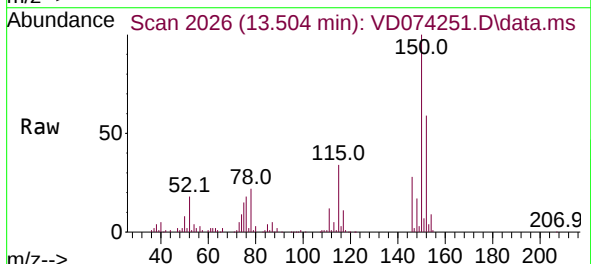
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

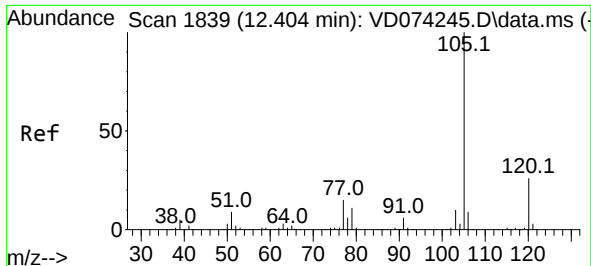
Tgt Ion:173 Resp: 40525
Ion Ratio Lower Upper
173 100
175 49.7 24.2 72.6
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.504 min Scan# 2026
Delta R.T. 0.006 min
Lab File: VD074251.D
Acq: 12 Sep 2022 11:56

Tgt Ion:152 Resp: 85777
Ion Ratio Lower Upper
152 100
115 55.6 28.4 85.2
150 174.4 0.0 351.0

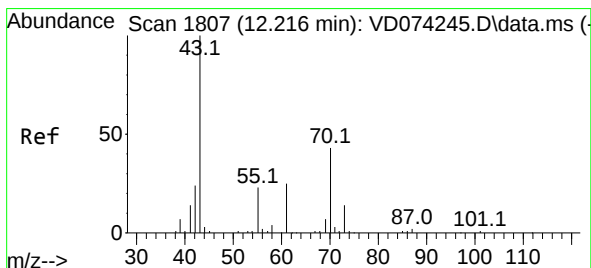
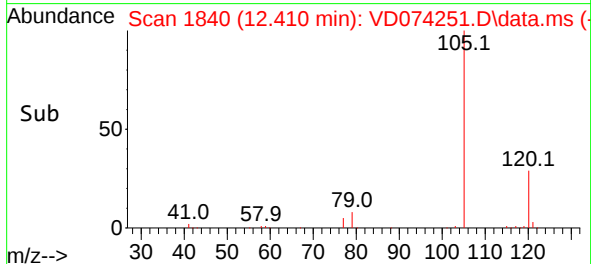
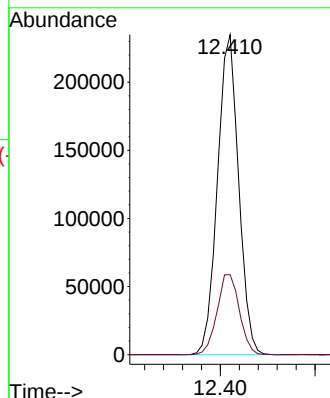
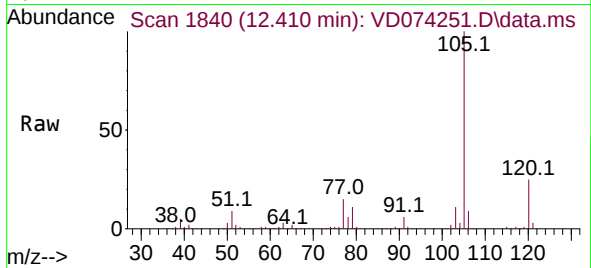




#73
Isopropylbenzene
Concen: 50.151 ug/l
RT: 12.410 min Scan# 1840
Delta R.T. 0.006 min
Lab File: VD074251.D
Acq: 12 Sep 2022 11:56

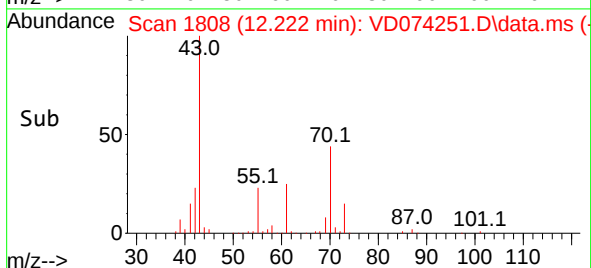
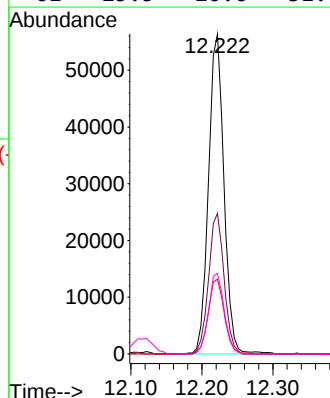
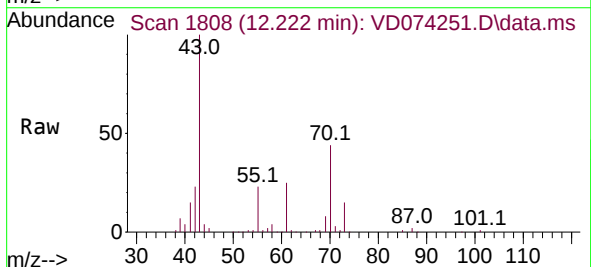
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

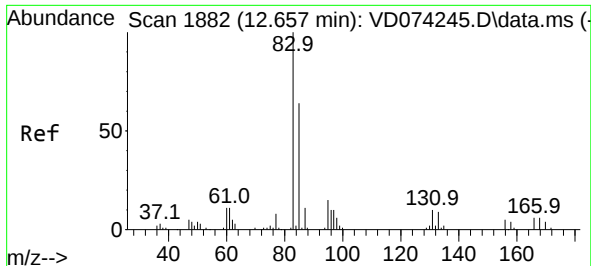
Tgt Ion:105 Resp: 363965
Ion Ratio Lower Upper
105 100
120 26.5 13.2 39.6



#74
N-ethyl acetate
Concen: 49.923 ug/l
RT: 12.222 min Scan# 1808
Delta R.T. 0.006 min
Lab File: VD074251.D
Acq: 12 Sep 2022 11:56

Tgt Ion: 43 Resp: 85321
Ion Ratio Lower Upper
43 100
70 44.1 34.6 51.8
55 24.4 18.2 27.2
61 25.5 20.6 31.0

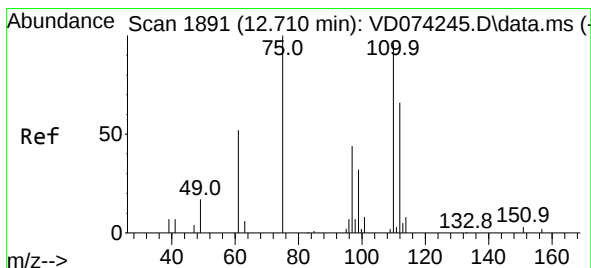
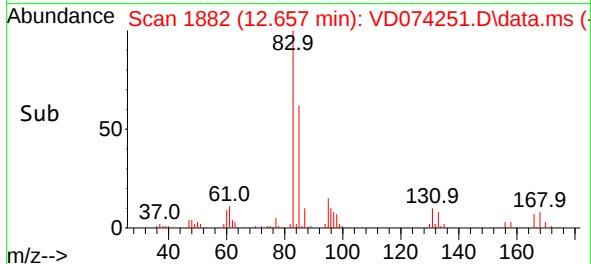
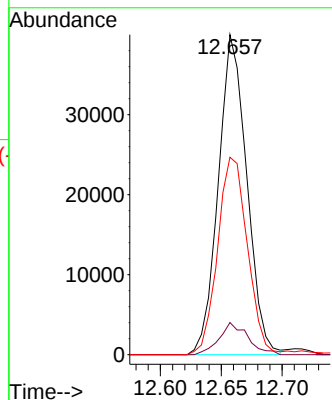
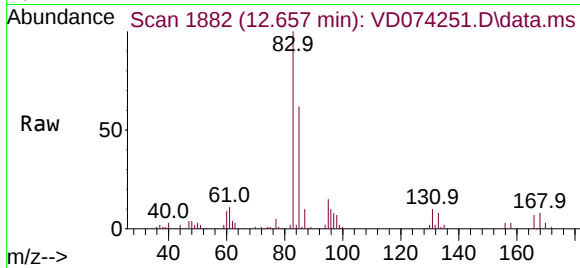




#75
 1,1,2,2-Tetrachloroethane
 Concen: 49.207 ug/l
 RT: 12.657 min Scan# 1882
 Delta R.T. 0.000 min
 Lab File: VD074251.D
 Acq: 12 Sep 2022 11:56

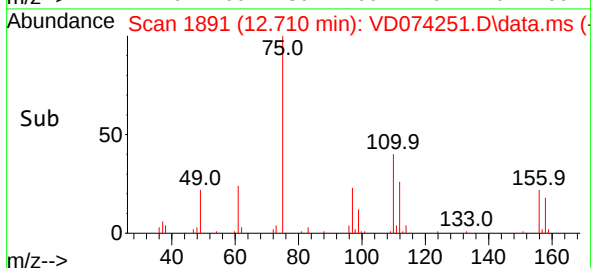
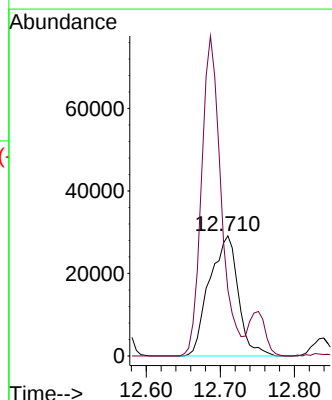
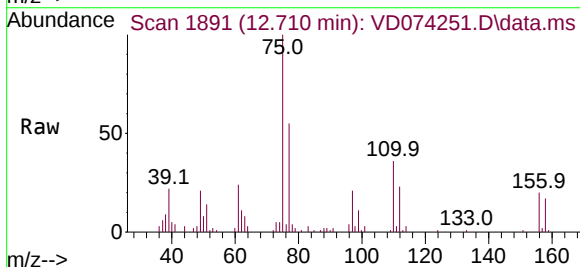
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

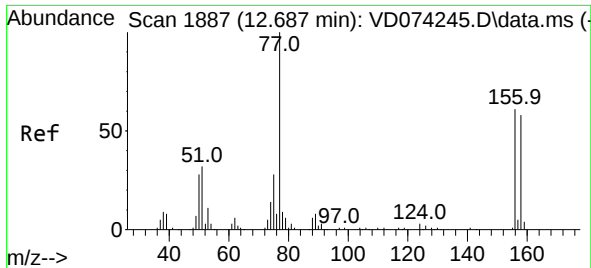
Tgt Ion: 83 Resp: 65024
 Ion Ratio Lower Upper
 83 100
 131 10.1 4.9 14.7
 85 64.5 32.3 96.9



#76
 1,2,3-Trichloropropane
 Concen: 89.657 ug/l
 RT: 12.710 min Scan# 1891
 Delta R.T. 0.000 min
 Lab File: VD074251.D
 Acq: 12 Sep 2022 11:56

Tgt Ion: 75 Resp: 78839
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

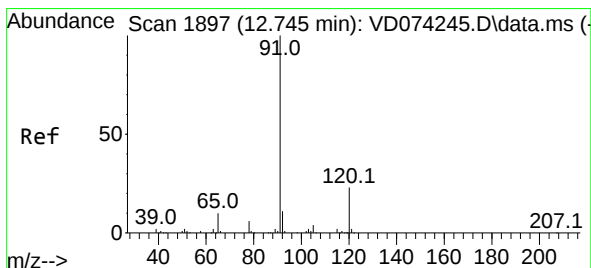
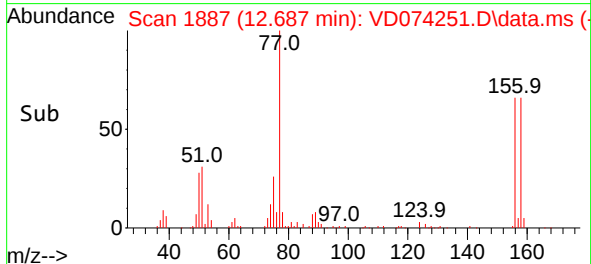
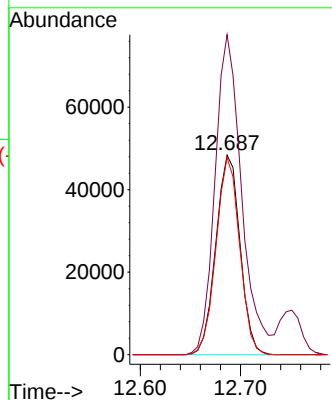
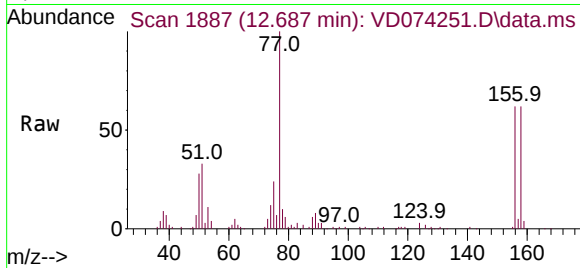




#77
Bromobenzene
Concen: 50.831 ug/l
RT: 12.687 min Scan# 1887
Delta R.T. 0.000 min
Lab File: VD074251.D
Acq: 12 Sep 2022 11:56

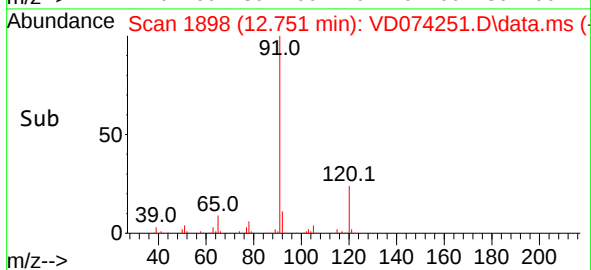
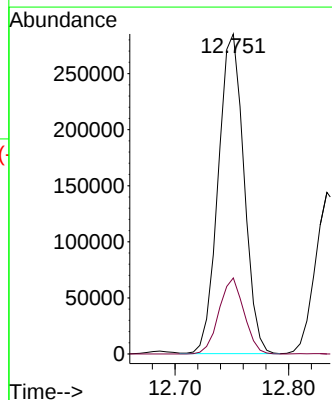
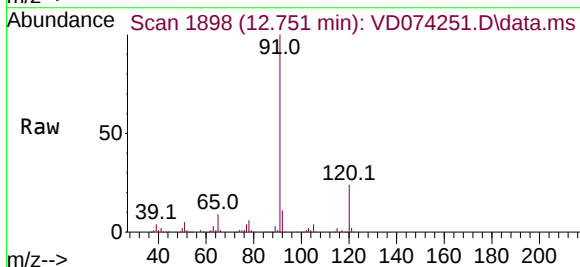
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

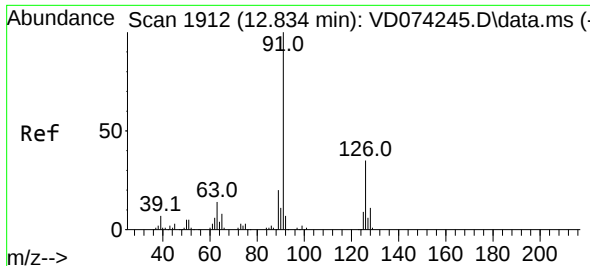
Tgt Ion:156 Resp: 80953
Ion Ratio Lower Upper
156 100
77 175.6 91.1 273.3
158 96.3 49.4 148.2



#78
n-propylbenzene
Concen: 50.403 ug/l
RT: 12.751 min Scan# 1898
Delta R.T. 0.006 min
Lab File: VD074251.D
Acq: 12 Sep 2022 11:56

Tgt Ion: 91 Resp: 448551
Ion Ratio Lower Upper
91 100
120 23.0 11.6 34.7

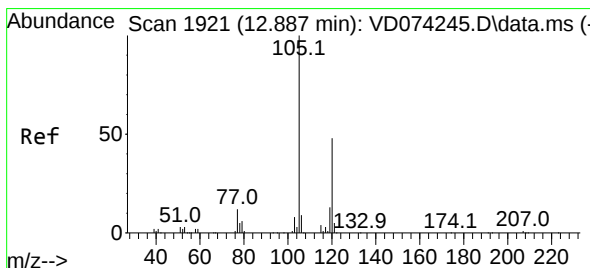
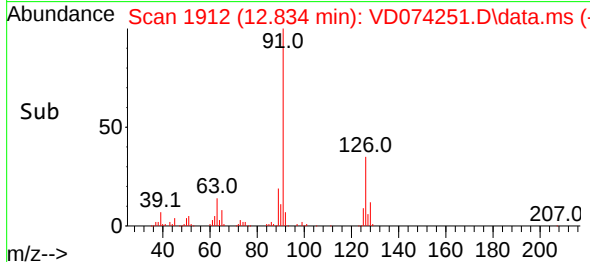
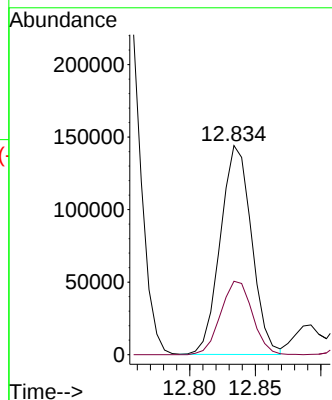
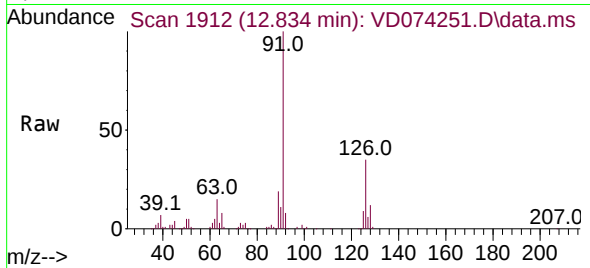




#79
2-Chlorotoluene
Concen: 49.615 ug/l
RT: 12.834 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VD074251.D
Acq: 12 Sep 2022 11:56

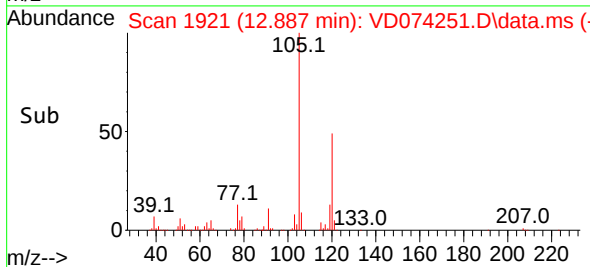
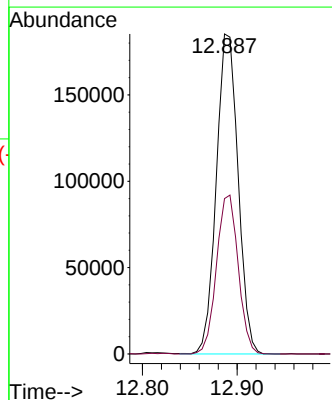
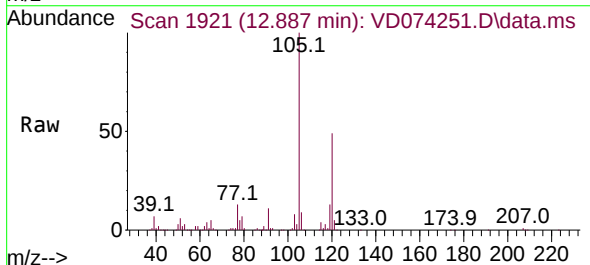
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

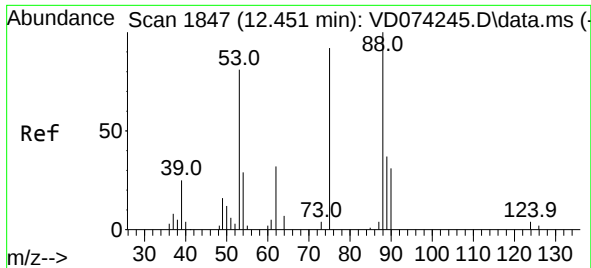
Tgt Ion: 91 Resp: 238841
Ion Ratio Lower Upper
91 100
126 35.6 17.3 51.9



#80
1,3,5-Trimethylbenzene
Concen: 49.255 ug/l
RT: 12.887 min Scan# 1921
Delta R.T. 0.000 min
Lab File: VD074251.D
Acq: 12 Sep 2022 11:56

Tgt Ion:105 Resp: 296159
Ion Ratio Lower Upper
105 100
120 49.5 24.6 74.0

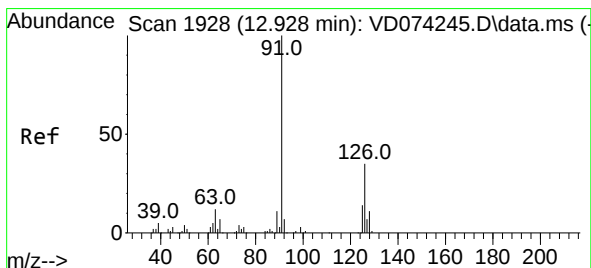
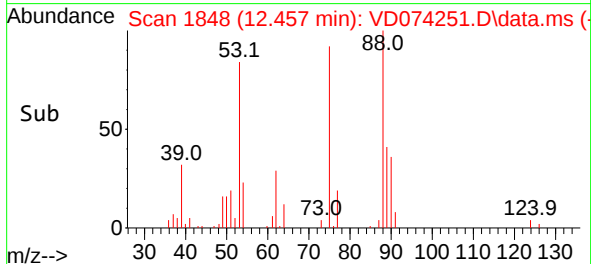
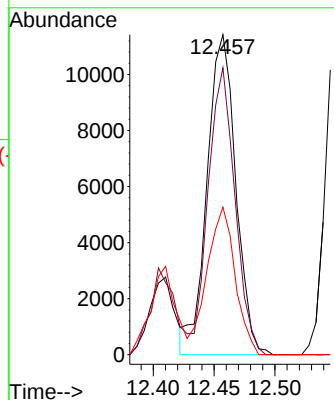
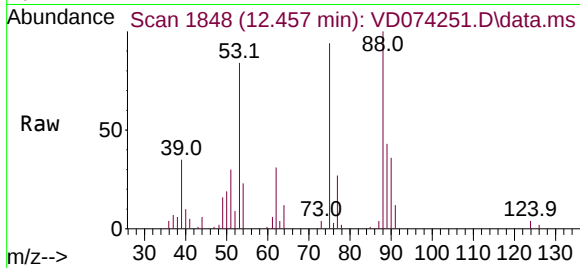




#81
trans-1,4-Dichloro-2-butene
Concen: 52.466 ug/l
RT: 12.457 min Scan# 1848
Delta R.T. 0.006 min
Lab File: VD074251.D
Acq: 12 Sep 2022 11:56

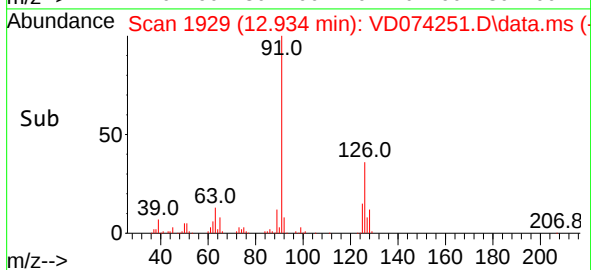
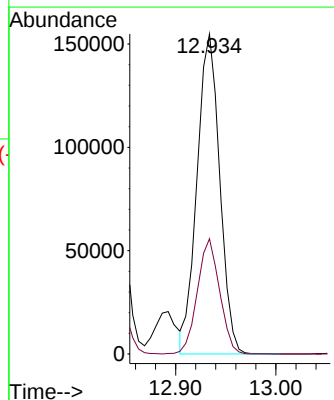
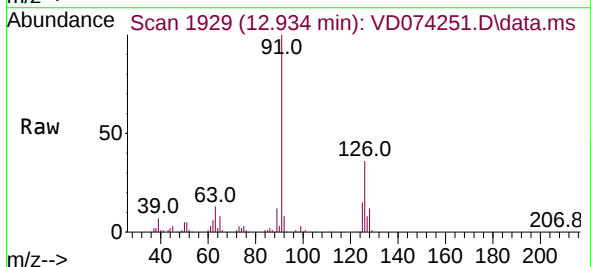
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

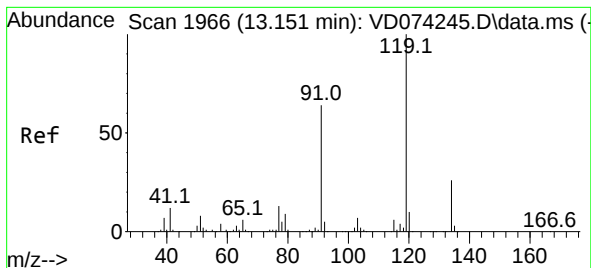
Tgt Ion: 75 Resp: 18712
Ion Ratio Lower Upper
75 100
53 83.7 0.0 0.0#
89 45.2 0.0 0.0#



#82
4-Chlorotoluene
Concen: 49.785 ug/l
RT: 12.934 min Scan# 1929
Delta R.T. 0.006 min
Lab File: VD074251.D
Acq: 12 Sep 2022 11:56

Tgt Ion: 91 Resp: 243995
Ion Ratio Lower Upper
91 100
126 35.2 17.2 51.6

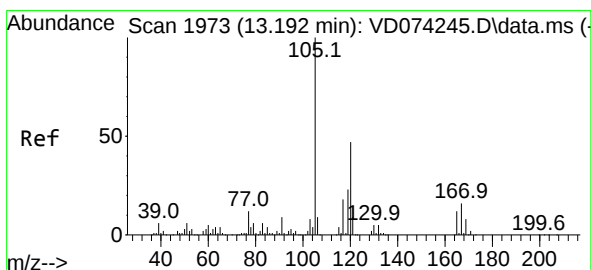
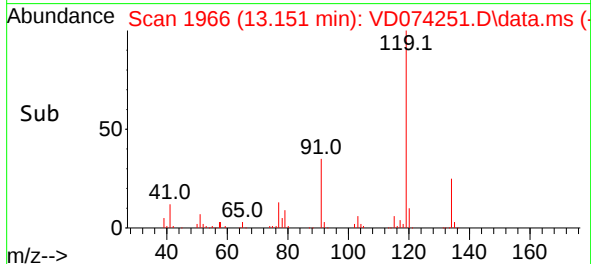
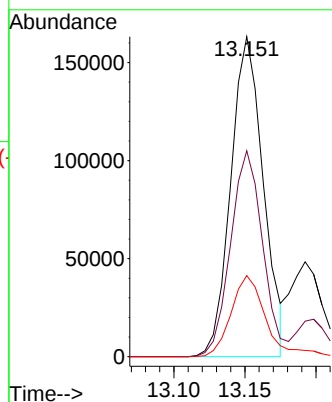
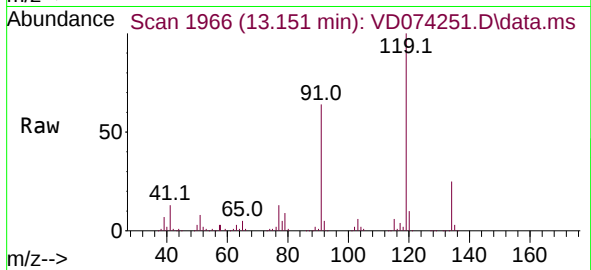




#83
tert-Butylbenzene
Concen: 49.374 ug/l
RT: 13.151 min Scan# 1966
Delta R.T. 0.000 min
Lab File: VD074251.D
Acq: 12 Sep 2022 11:56

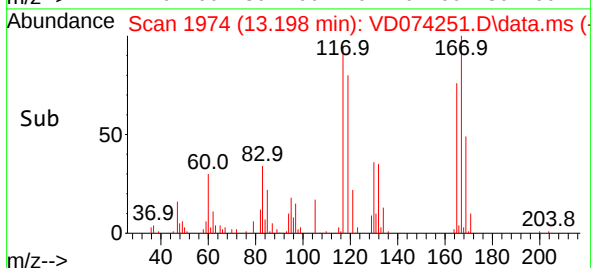
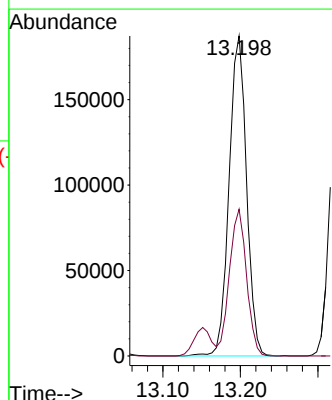
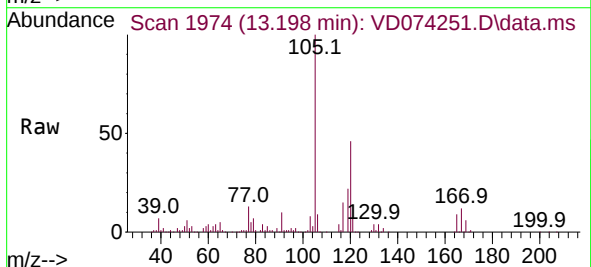
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

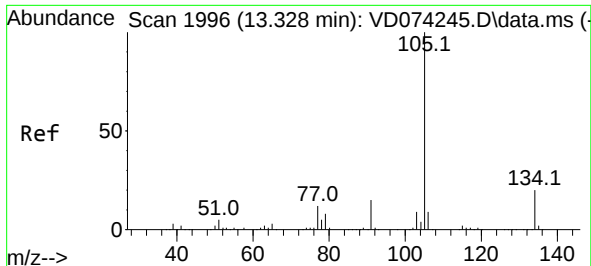
Tgt Ion:119 Resp: 259845
Ion Ratio Lower Upper
119 100
91 63.8 31.3 93.9
134 27.1 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 50.058 ug/l
RT: 13.198 min Scan# 1974
Delta R.T. 0.006 min
Lab File: VD074251.D
Acq: 12 Sep 2022 11:56

Tgt Ion:105 Resp: 292195
Ion Ratio Lower Upper
105 100
120 45.0 23.1 69.3

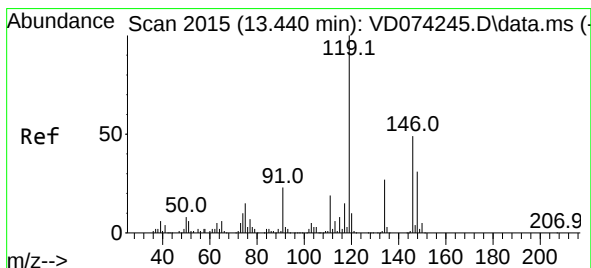
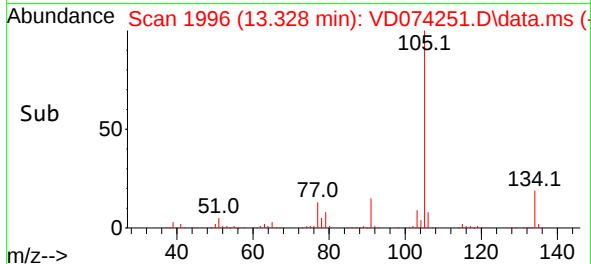
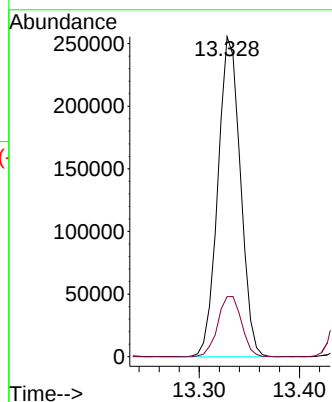
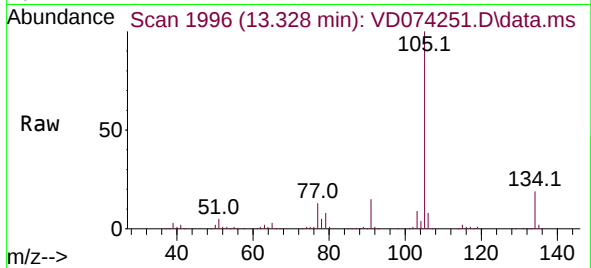




#85
 sec-Butylbenzene
 Concen: 50.007 ug/l
 RT: 13.328 min Scan# 1996
 Delta R.T. 0.000 min
 Lab File: VD074251.D
 Acq: 12 Sep 2022 11:56

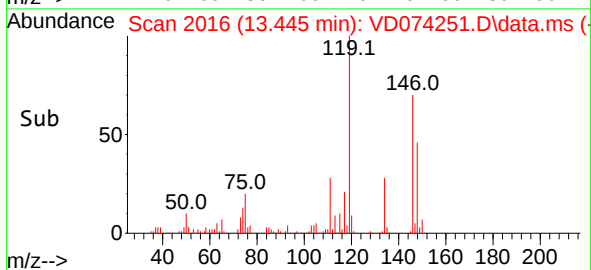
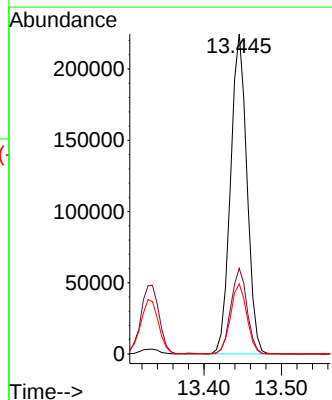
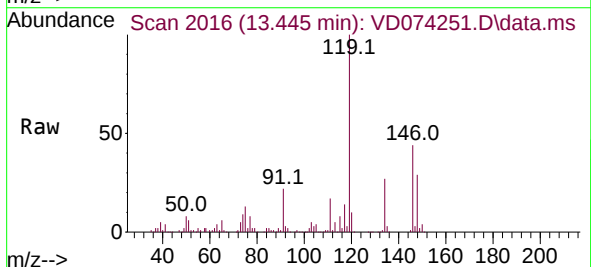
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

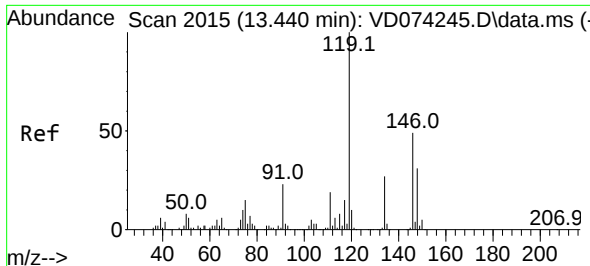
Tgt Ion:105 Resp: 398663
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.0 29.8



#86
 p-Isopropyltoluene
 Concen: 50.722 ug/l
 RT: 13.445 min Scan# 2016
 Delta R.T. 0.006 min
 Lab File: VD074251.D
 Acq: 12 Sep 2022 11:56

Tgt Ion:119 Resp: 330282
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.1 39.3
 91 21.8 11.2 33.5





#87

1,3-Dichlorobenzene

Concen: 49.669 ug/l

RT: 13.445 min Scan# 2015

Delta R.T. 0.006 min

Lab File: VD074251.D

Acq: 12 Sep 2022 11:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

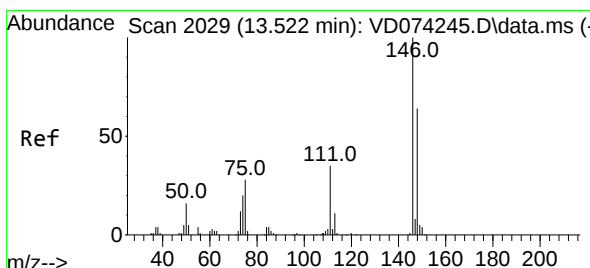
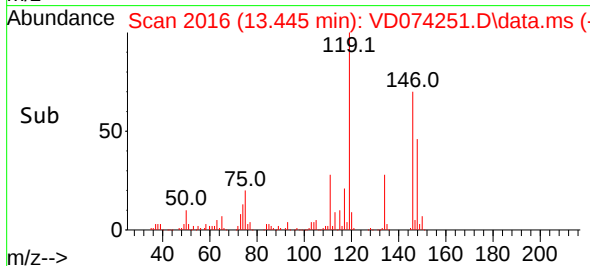
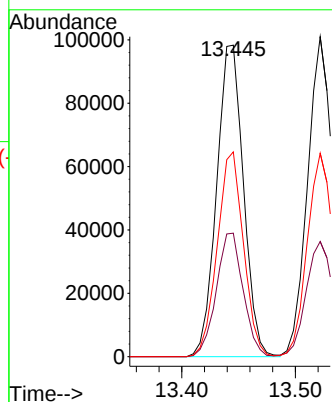
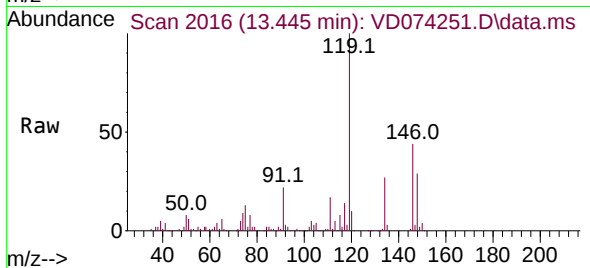
Tgt Ion:146 Resp: 161327

Ion Ratio Lower Upper

146 100

111 39.7 18.1 54.4

148 64.2 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 49.486 ug/l

RT: 13.522 min Scan# 2029

Delta R.T. 0.000 min

Lab File: VD074251.D

Acq: 12 Sep 2022 11:56

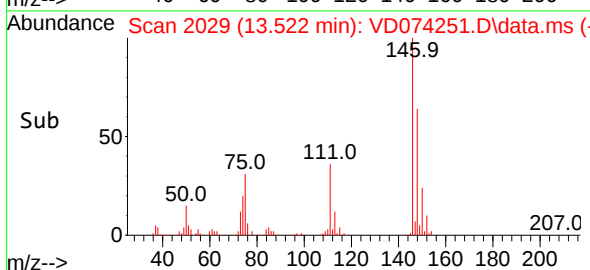
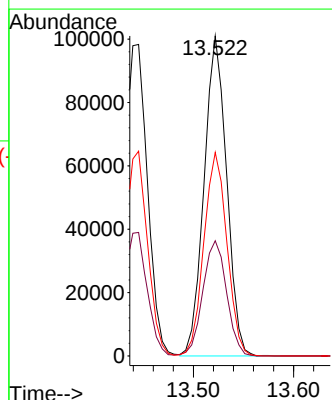
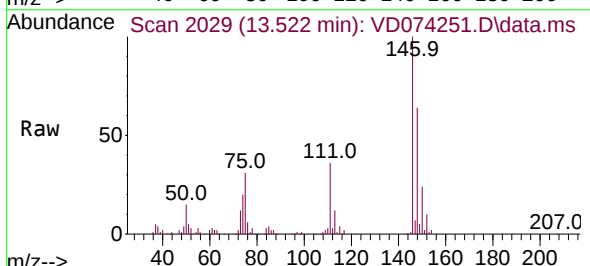
Tgt Ion:146 Resp: 158062

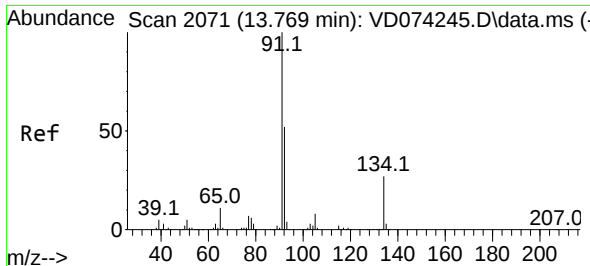
Ion Ratio Lower Upper

146 100

111 37.9 18.4 55.2

148 65.1 32.1 96.5

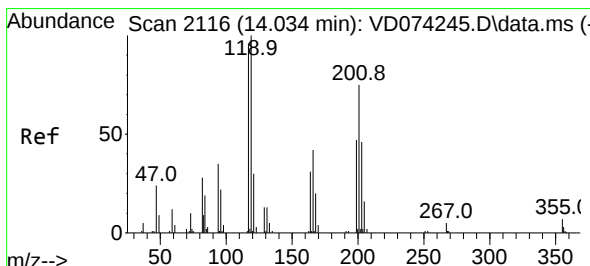
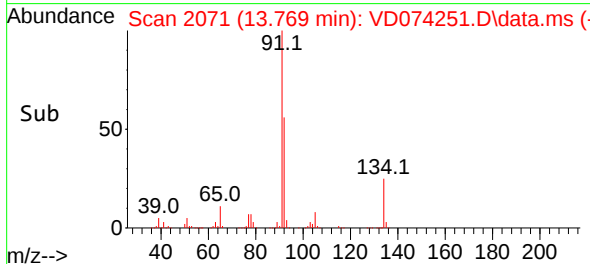
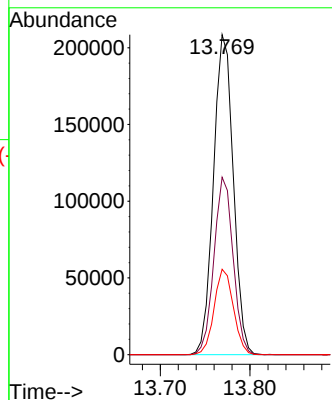
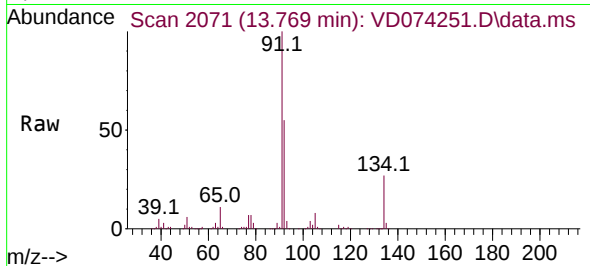




#89
n-Butylbenzene
Concen: 50.189 ug/l
RT: 13.769 min Scan# 2071
Delta R.T. 0.000 min
Lab File: VD074251.D
Acq: 12 Sep 2022 11:56

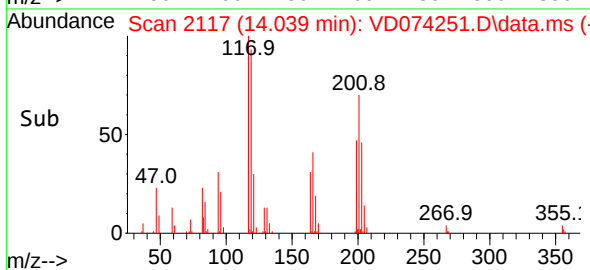
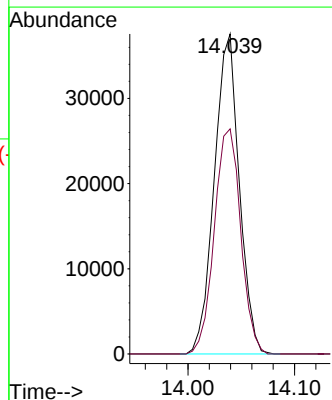
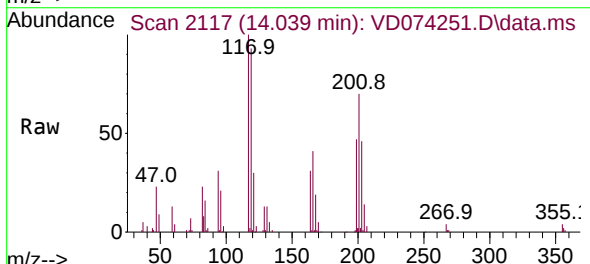
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

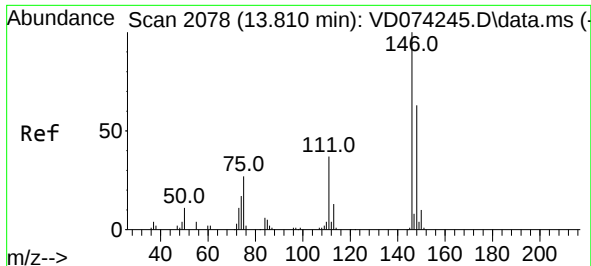
Tgt Ion: 91 Resp: 319354
Ion Ratio Lower Upper
91 100
92 53.7 26.6 79.7
134 26.0 13.1 39.1



#90
Hexachloroethane
Concen: 51.310 ug/l
RT: 14.039 min Scan# 2117
Delta R.T. 0.006 min
Lab File: VD074251.D
Acq: 12 Sep 2022 11:56

Tgt Ion: 117 Resp: 61119
Ion Ratio Lower Upper
117 100
201 74.3 38.0 113.9





#91

1,2-Dichlorobenzene

Concen: 49.191 ug/l

RT: 13.816 min Scan# 2078

Delta R.T. 0.006 min

Lab File: VD074251.D

Acq: 12 Sep 2022 11:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

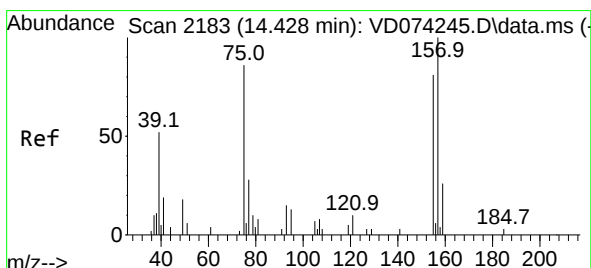
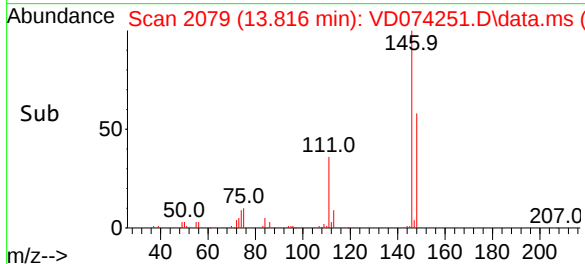
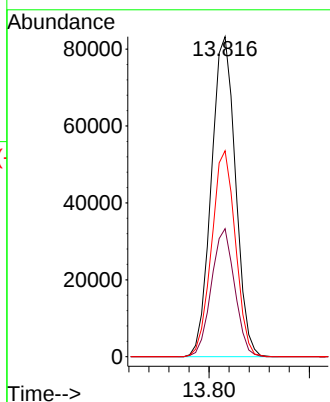
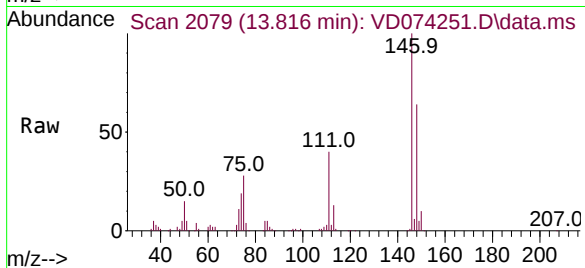
Tgt Ion:146 Resp: 138953

Ion Ratio Lower Upper

146 100

111 38.5 19.4 58.4

148 63.4 31.5 94.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.194 ug/l

RT: 14.428 min Scan# 2183

Delta R.T. 0.000 min

Lab File: VD074251.D

Acq: 12 Sep 2022 11:56

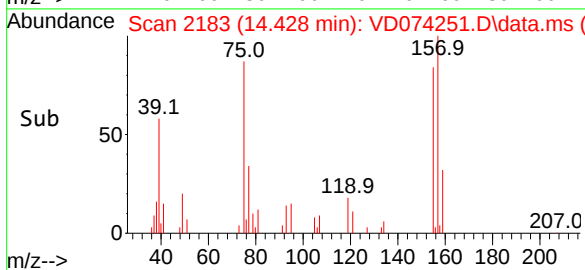
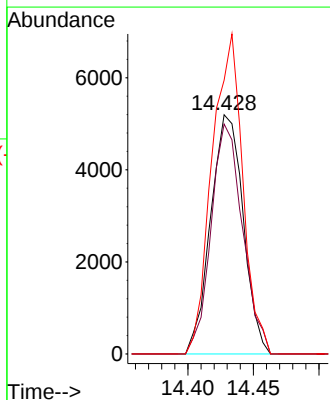
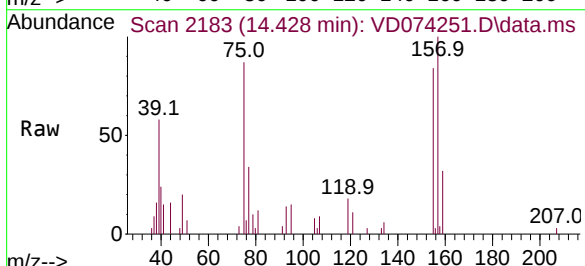
Tgt Ion: 75 Resp: 8949

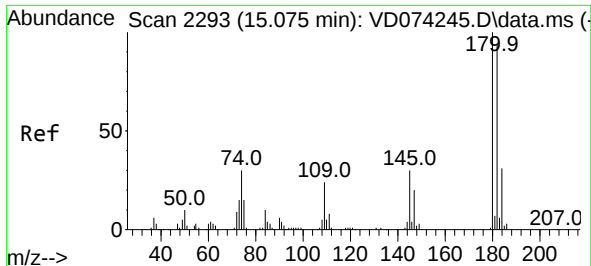
Ion Ratio Lower Upper

75 100

155 93.2 49.2 147.6

157 126.6 62.1 186.2

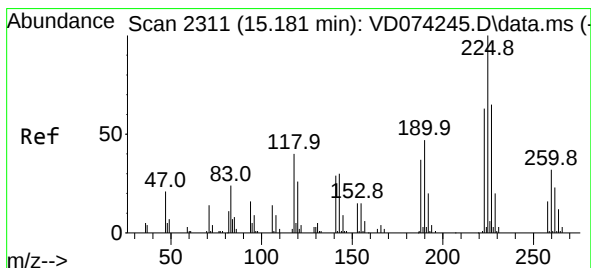
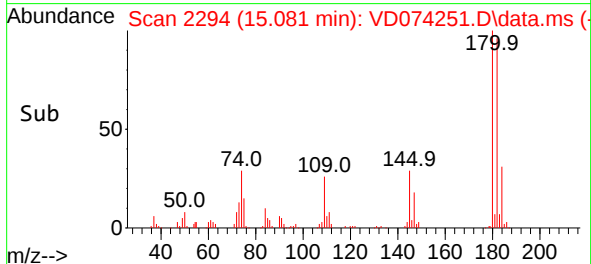
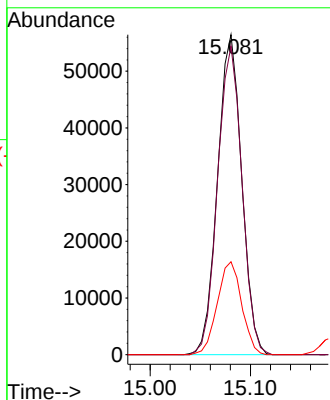
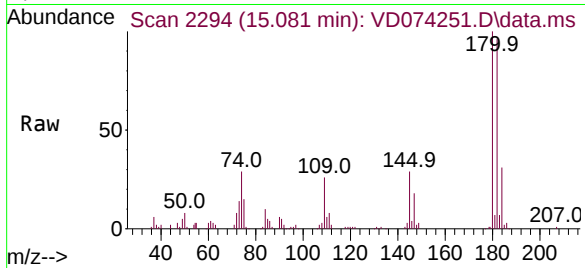




#93
1,2,4-Trichlorobenzene
Concen: 48.365 ug/l
RT: 15.081 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD074251.D
Acq: 12 Sep 2022 11:56

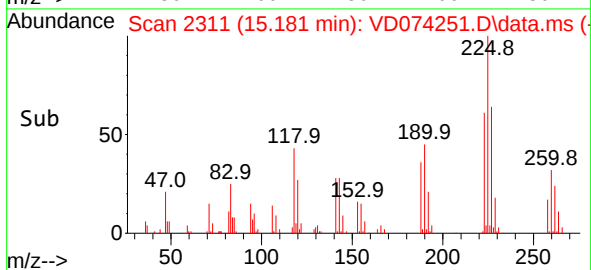
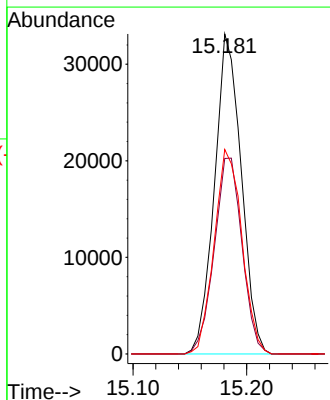
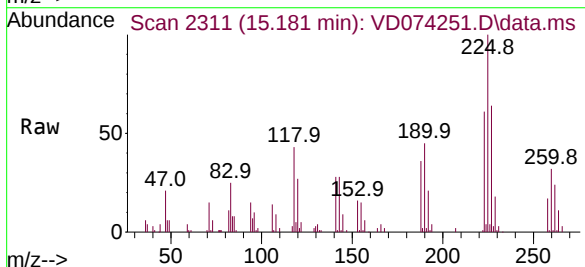
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

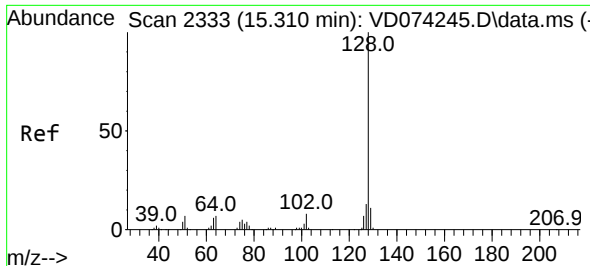
Tgt Ion:180 Resp: 94436
Ion Ratio Lower Upper
180 100
182 97.0 47.6 142.9
145 29.3 14.4 43.4



#94
Hexachlorobutadiene
Concen: 48.608 ug/l
RT: 15.181 min Scan# 2311
Delta R.T. 0.000 min
Lab File: VD074251.D
Acq: 12 Sep 2022 11:56

Tgt Ion:225 Resp: 54236
Ion Ratio Lower Upper
225 100
223 63.6 32.4 97.0
227 66.0 32.7 98.1

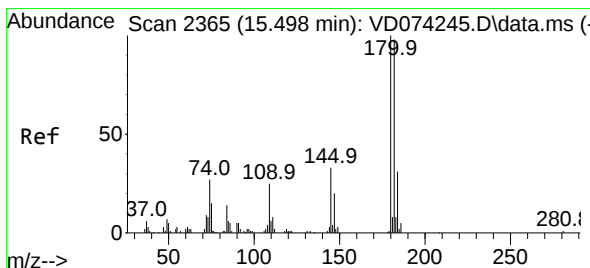
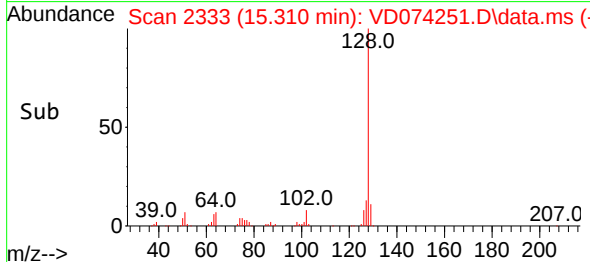
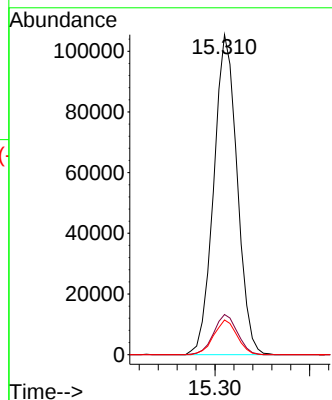
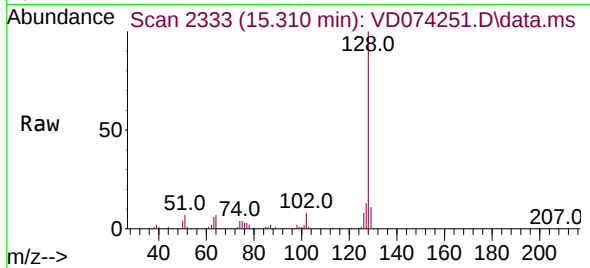




#95
Naphthalene
Concen: 49.680 ug/l
RT: 15.310 min Scan# 2333
Delta R.T. 0.000 min
Lab File: VD074251.D
Acq: 12 Sep 2022 11:56

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 181255
Ion Ratio Lower Upper
128 100
127 12.7 10.9 16.3
129 10.7 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 49.139 ug/l
RT: 15.498 min Scan# 2365
Delta R.T. 0.000 min
Lab File: VD074251.D
Acq: 12 Sep 2022 11:56

Tgt Ion:180 Resp: 82368
Ion Ratio Lower Upper
180 100
182 93.7 47.5 142.5
145 30.5 15.8 47.3

