

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080322\
 Data File : VD073947.D
 Acq On : 03 Aug 2022 18:32
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.02ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 04 02:54:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 02 05:13:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	151730	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	254090	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	243881	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	126947	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	65149	52.411	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.820%	
35) Dibromofluoromethane	7.908	113	70547	44.687	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 89.380%	
50) Toluene-d8	10.332	98	222890	41.914	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 83.820%	
62) 4-Bromofluorobenzene	12.620	95	88653	45.333	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 90.660%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	60498	45.506	ug/l	96
3) Chloromethane	2.209	50	100461	52.108	ug/l	97
4) Vinyl Chloride	2.344	62	135827	57.129	ug/l	99
5) Bromomethane	2.756	94	75130	44.747	ug/l	98
6) Chloroethane	2.909	64	89783	53.693	ug/l	99
7) Trichlorofluoromethane	3.262	101	218980	85.916	ug/l	99
8) Diethyl Ether	3.703	74	29406	45.841	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.079	101	67949	44.973	ug/l	99
10) Methyl Iodide	4.291	142	71536	43.300	ug/l	98
11) Tert butyl alcohol	5.232	59	24522	279.782	ug/l	96
12) 1,1-Dichloroethene	4.056	96	60850	45.455	ug/l	99
13) Acrolein	3.920	56	30656	320.625	ug/l	92
14) Allyl chloride	4.709	41	77763	42.963	ug/l	96
15) Acrylonitrile	5.409	53	64250	233.959	ug/l	98
16) Acetone	4.156	43	52294	179.880	ug/l	97
17) Carbon Disulfide	4.397	76	185609	45.198	ug/l	100
18) Methyl Acetate	4.715	43	31658	47.833	ug/l	100
19) Methyl tert-butyl Ether	5.479	73	150753	46.514	ug/l	92
20) Methylene Chloride	4.956	84	98432	53.551	ug/l	97
21) trans-1,2-Dichloroethene	5.462	96	73190	45.875	ug/l	93
22) Diisopropyl ether	6.356	45	184871	47.043	ug/l	99
23) Vinyl Acetate	6.297	43	522765	251.698	ug/l	99
24) 1,1-Dichloroethane	6.256	63	122291	46.004	ug/l	97
25) 2-Butanone	7.208	43	85887	231.930	ug/l	98
26) 2,2-Dichloropropane	7.197	77	114359	42.547	ug/l	100
27) cis-1,2-Dichloroethene	7.203	96	79979	44.529	ug/l	98
28) Bromochloromethane	7.544	49	45896	51.738	ug/l	98
29) Tetrahydrofuran	7.556	42	52277	241.604	ug/l	99
30) Chloroform	7.703	83	139300	45.989	ug/l	100
31) Cyclohexane	7.979	56	98777	42.041	ug/l	98
32) 1,1,1-Trichloroethane	7.897	97	127490	44.204	ug/l	98
36) 1,1-Dichloropropene	8.103	75	99303	44.164	ug/l	99
37) Ethyl Acetate	7.285	43	40229	48.041	ug/l	97
38) Carbon Tetrachloride	8.085	117	111075	44.098	ug/l	98
39) Methylcyclohexane	9.344	83	115536	43.838	ug/l	96
40) Benzene	8.344	78	285804	46.322	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	21671	44.830	ug/l	97
42) 1,2-Dichloroethane	8.414	62	88505	46.737	ug/l	99
43) Isopropyl Acetate	8.444	43	78769	47.502	ug/l	98
44) Trichloroethene	9.102	130	77630	41.766	ug/l	94
45) 1,2-Dichloropropane	9.379	63	67757	45.639	ug/l	95
46) Dibromomethane	9.461	93	44836	46.954	ug/l	98
47) Bromodichloromethane	9.650	83	108456	45.853	ug/l	98
48) Methyl methacrylate	9.444	41	38240	49.416	ug/l	100
49) 1,4-Dioxane	9.455	88	9647	958.586	ug/l	97
51) 4-Methyl-2-Pentanone	10.220	43	202368	244.438	ug/l	99
52) Toluene	10.391	92	189431	45.121	ug/l	99
53) t-1,3-Dichloropropene	10.608	75	99123	45.524	ug/l	98
54) cis-1,3-Dichloropropene	10.079	75	113770	46.153	ug/l	98
55) 1,1,2-Trichloroethane	10.791	97	57698	46.979	ug/l	100
56) Ethyl methacrylate	10.649	69	64072	45.820	ug/l	98
57) 1,3-Dichloropropane	10.932	76	91925	46.247	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.932	63	146733	274.202	ug/l	97
59) 2-Hexanone	10.973	43	138851	247.848	ug/l	99
60) Dibromochloromethane	11.126	129	76008	45.869	ug/l	98
61) 1,2-Dibromoethane	11.232	107	57541	46.223	ug/l	99
64) Tetrachloroethene	10.861	164	66438	38.279	ug/l	98
65) Chlorobenzene	11.655	112	200880	41.549	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.732	131	78219	42.235	ug/l	98
67) Ethyl Benzene	11.732	91	363144	42.526	ug/l	98
68) m/p-Xylenes	11.844	106	298629	88.216	ug/l	99
69) o-Xylene	12.167	106	135525	42.745	ug/l	100
70) Styrene	12.179	104	241297	45.059	ug/l	99
71) Bromoform	12.349	173	46810	46.020	ug/l #	98
73) Isopropylbenzene	12.467	105	357071	40.793	ug/l	98
74) N-amyl acetate	12.273	43	76189	43.466	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.714	83	66366	44.508	ug/l	99
76) 1,2,3-Trichloropropane	12.767	75	82733	88.649	ug/l #	100
77) Bromobenzene	12.743	156	83177	40.367	ug/l	95
78) n-propylbenzene	12.808	91	437875	41.135	ug/l	99
79) 2-Chlorotoluene	12.891	91	251265	41.263	ug/l	99
80) 1,3,5-Trimethylbenzene	12.943	105	309767	41.655	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	19505	44.081	ug/l	93
82) 4-Chlorotoluene	12.991	91	263511	41.283	ug/l	98
83) tert-Butylbenzene	13.208	119	266812	41.207	ug/l	99
84) 1,2,4-Trimethylbenzene	13.255	105	315192	42.904	ug/l	99
85) sec-Butylbenzene	13.385	105	404720	41.309	ug/l	99
86) p-Isopropyltoluene	13.496	119	344157	41.819	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	182360	42.380	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	174573	40.957	ug/l	97
89) n-Butylbenzene	13.826	91	319190	42.063	ug/l	98
90) Hexachloroethane	14.090	117	64168	42.549	ug/l	99
91) 1,2-Dichlorobenzene	13.867	146	154561	42.012	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.485	75	11686	46.011	ug/l	89
93) 1,2,4-Trichlorobenzene	15.137	180	88919	38.868	ug/l	100
94) Hexachlorobutadiene	15.243	225	47877	38.520	ug/l	97
95) Naphthalene	15.379	128	170839	40.885	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	79489	40.197	ug/l	97

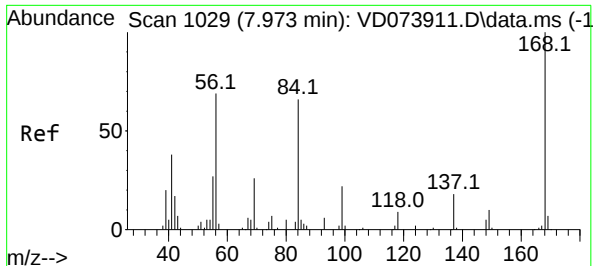
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Quant Title : SW846 8260
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Response via : Initial Calibration

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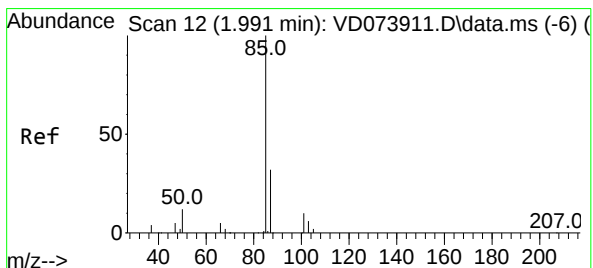
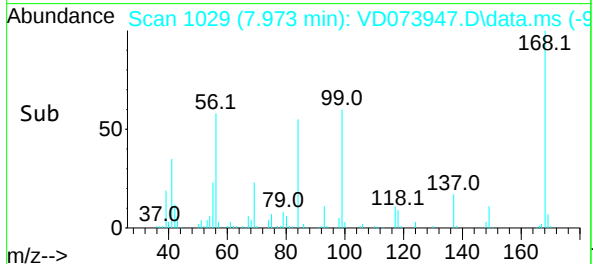
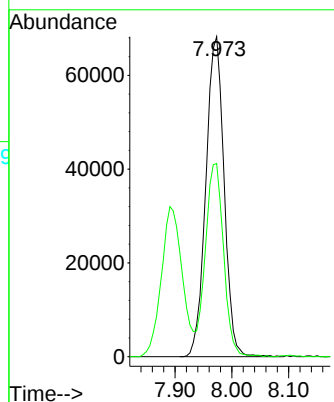
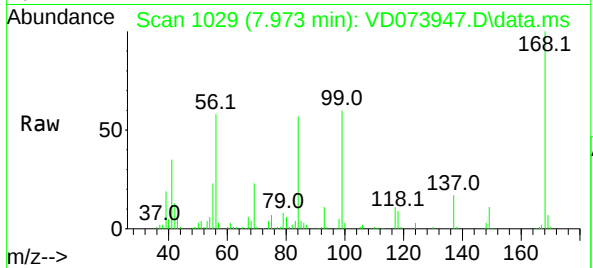
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073947.D
Acq: 03 Aug 2022 18:32

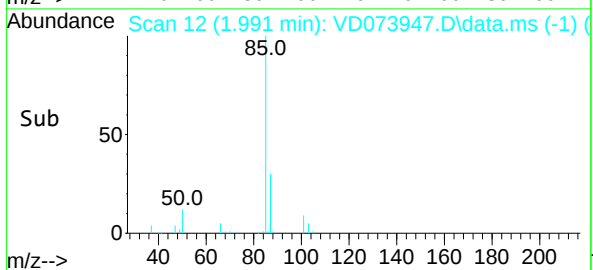
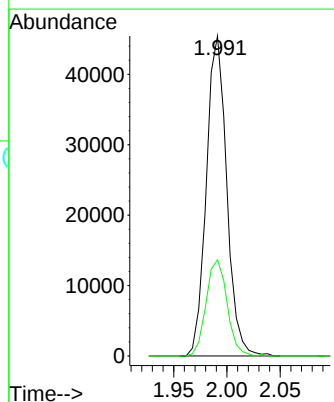
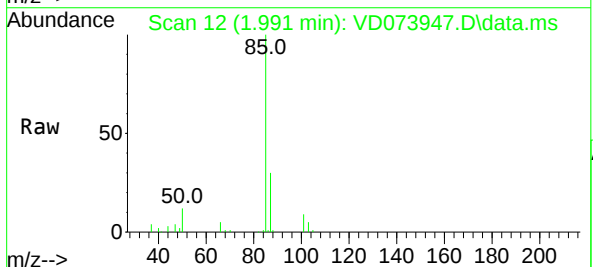
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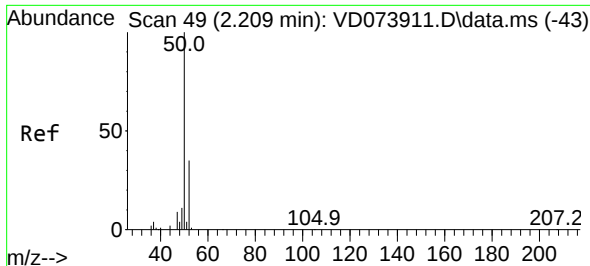
Tgt Ion:168 Resp: 151730
Ion Ratio Lower Upper
168 100
99 60.1 52.2 78.4



#2
Dichlorodifluoromethane
Concen: 45.506 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD073947.D
Acq: 03 Aug 2022 18:32

Tgt Ion: 85 Resp: 60498
Ion Ratio Lower Upper
85 100
87 30.1 16.1 48.2

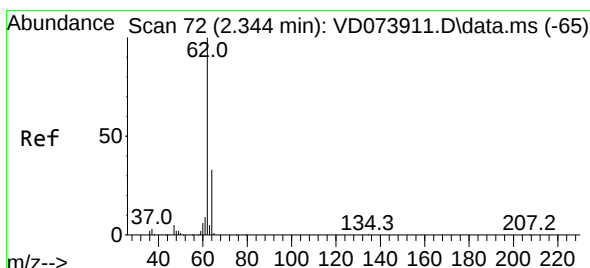
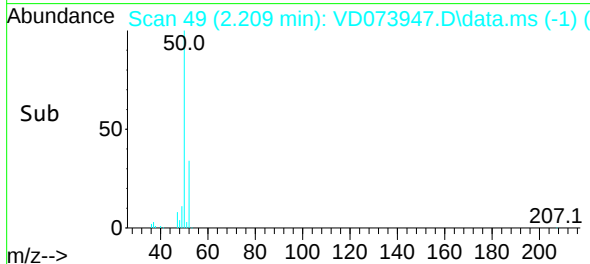
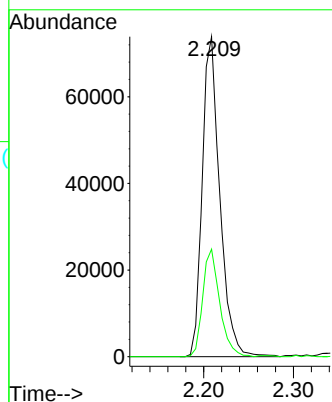
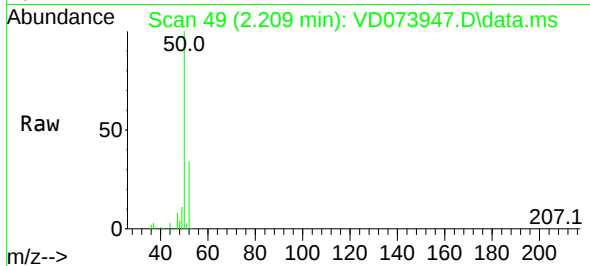




#3
Chloromethane
Concen: 52.108 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD073947.D
Acq: 03 Aug 2022 18:32

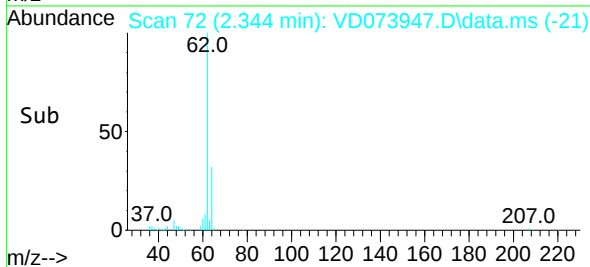
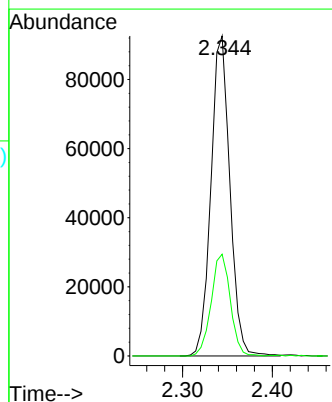
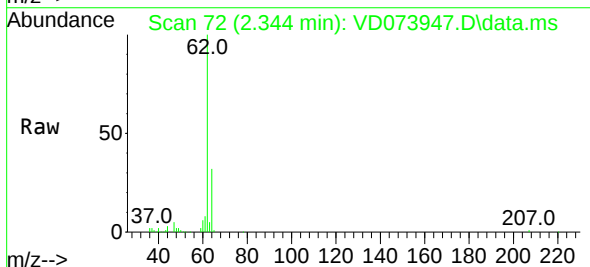
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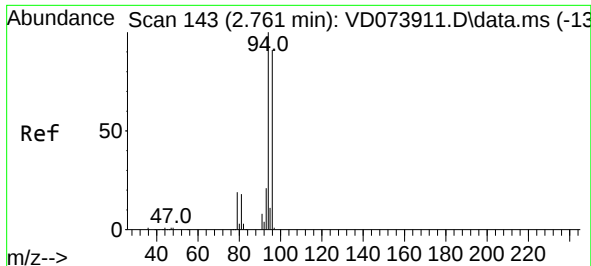
Tgt Ion: 50 Resp: 100461
Ion Ratio Lower Upper
50 100
52 33.6 28.2 42.2



#4
Vinyl Chloride
Concen: 57.129 ug/l
RT: 2.344 min Scan# 72
Delta R.T. 0.000 min
Lab File: VD073947.D
Acq: 03 Aug 2022 18:32

Tgt Ion: 62 Resp: 135827
Ion Ratio Lower Upper
62 100
64 31.8 26.1 39.1

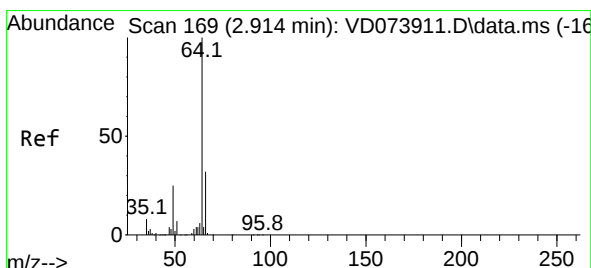
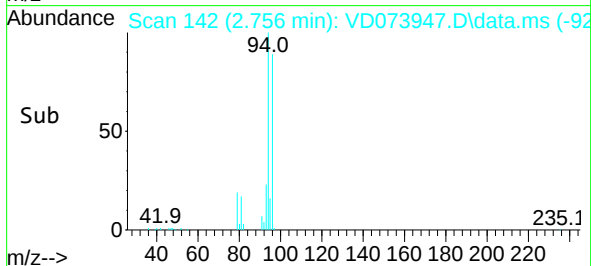
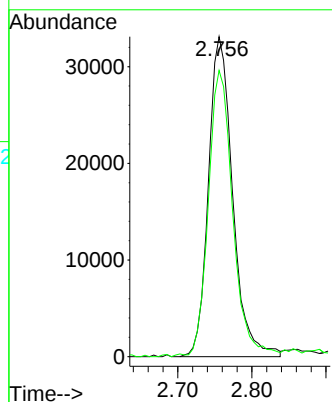
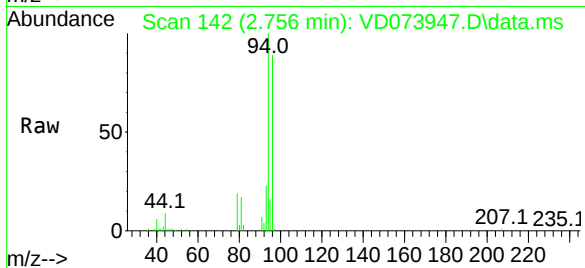




#5
Bromomethane
Concen: 44.747 ug/l
RT: 2.756 min Scan# 143
Delta R.T. -0.006 min
Lab File: VD073947.D
Acq: 03 Aug 2022 18:32

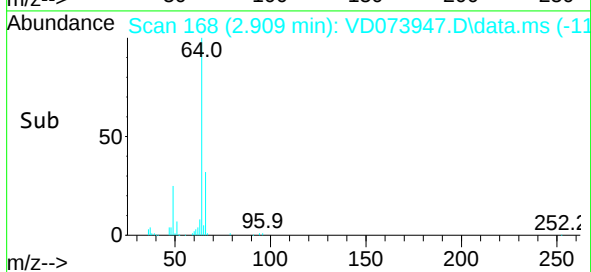
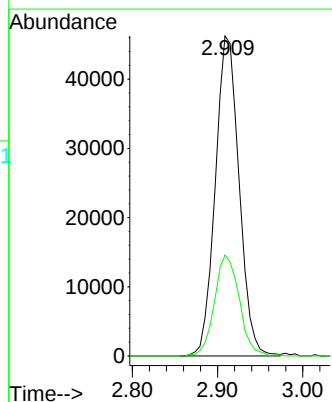
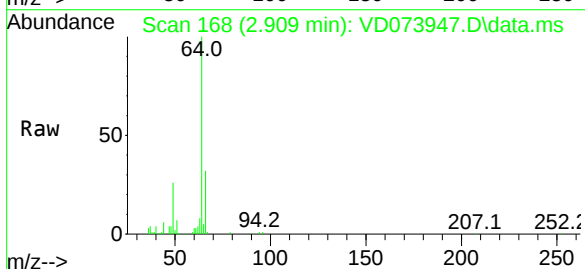
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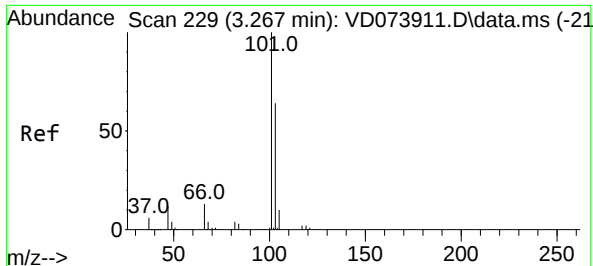
Tgt Ion: 94 Resp: 75130
Ion Ratio Lower Upper
94 100
96 88.6 72.7 109.1



#6
Chloroethane
Concen: 53.693 ug/l
RT: 2.909 min Scan# 168
Delta R.T. -0.006 min
Lab File: VD073947.D
Acq: 03 Aug 2022 18:32

Tgt Ion: 64 Resp: 89783
Ion Ratio Lower Upper
64 100
66 31.5 25.8 38.6

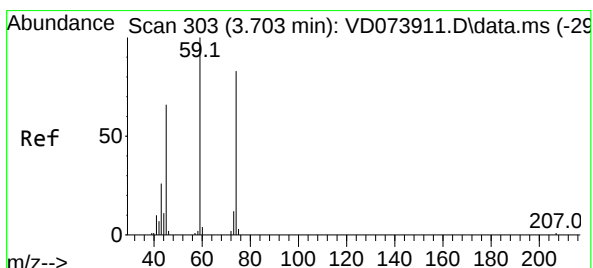
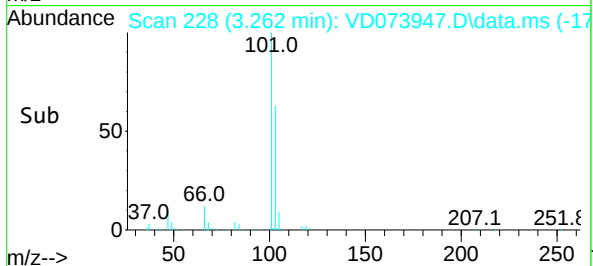
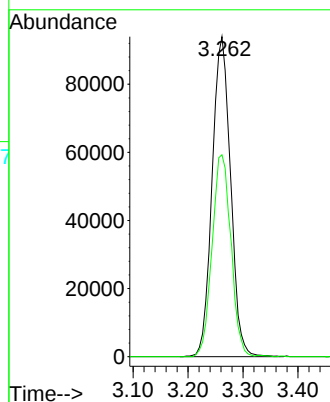
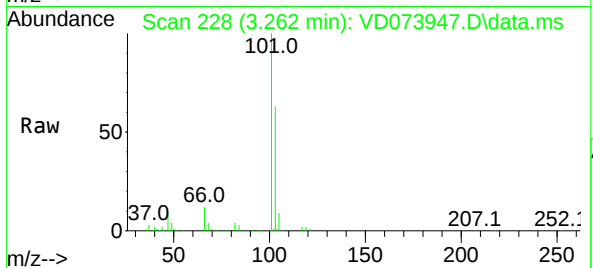




#7
Trichlorofluoromethane
Concen: 85.916 ug/l
RT: 3.262 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD073947.D
Acq: 03 Aug 2022 18:32

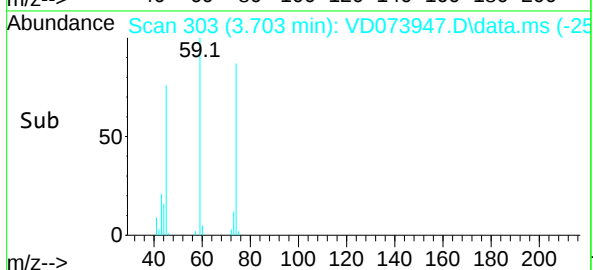
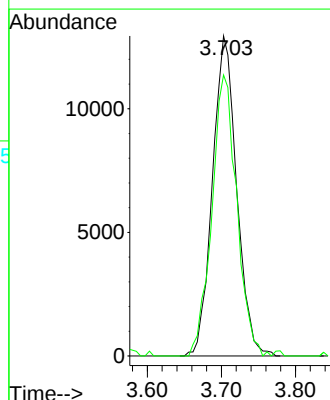
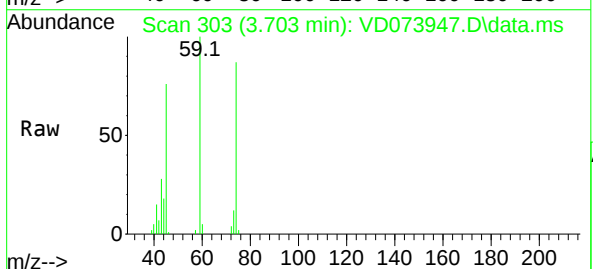
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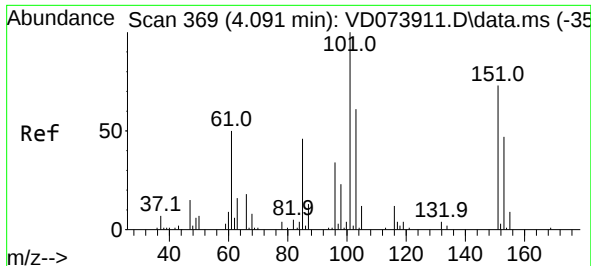
Tgt Ion:101 Resp: 218980
Ion Ratio Lower Upper
101 100
103 63.1 51.4 77.0



#8
Diethyl Ether
Concen: 45.841 ug/l
RT: 3.703 min Scan# 303
Delta R.T. 0.000 min
Lab File: VD073947.D
Acq: 03 Aug 2022 18:32

Tgt Ion: 74 Resp: 29406
Ion Ratio Lower Upper
74 100
45 90.4 42.4 127.3

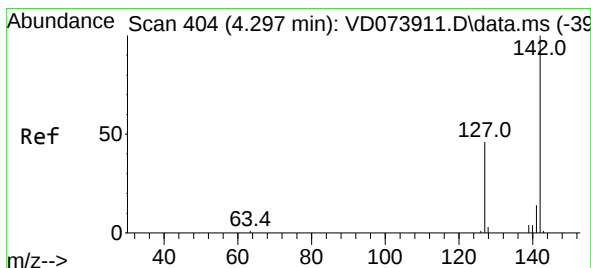
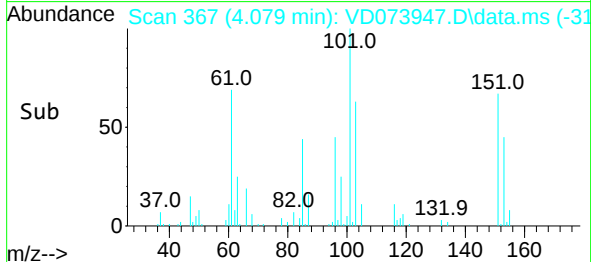
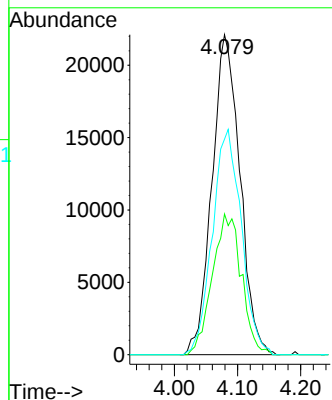
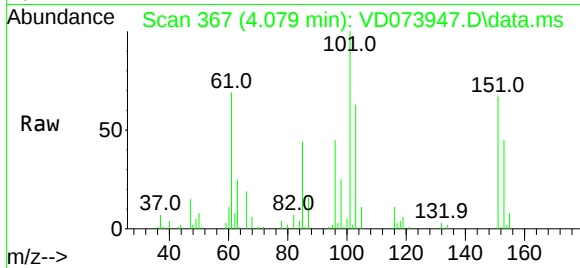




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 44.973 ug/l
 RT: 4.079 min Scan# 30
 Delta R.T. -0.012 min
 Lab File: VD073947.D
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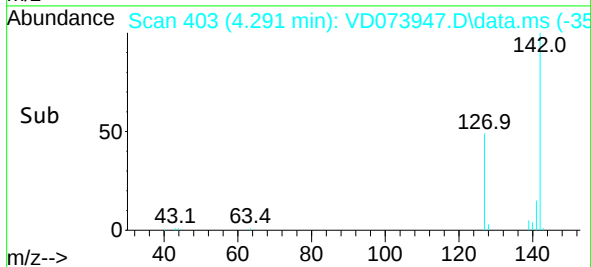
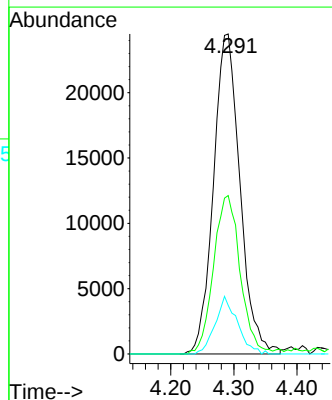
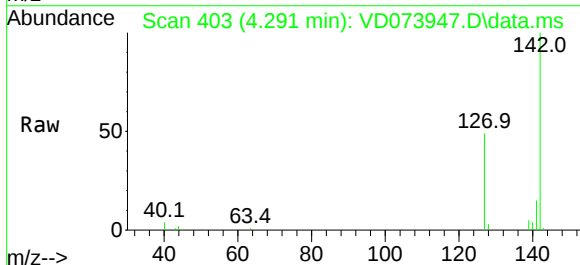
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

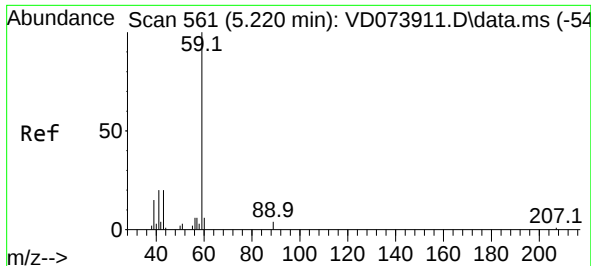
Tgt Ion:101 Resp: 67949
 Ion Ratio Lower Upper
 101 100
 85 45.7 36.5 54.7
 151 73.0 58.9 88.3



#10
 Methyl Iodide
 Concen: 43.300 ug/l
 RT: 4.291 min Scan# 403
 Delta R.T. -0.006 min
 Lab File: VD073947.D
 Acq: 03 Aug 2022 18:32

Tgt Ion:142 Resp: 71536
 Ion Ratio Lower Upper
 142 100
 127 49.7 38.3 57.5
 141 15.1 11.5 17.3

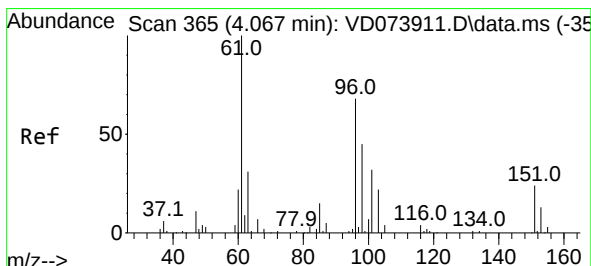
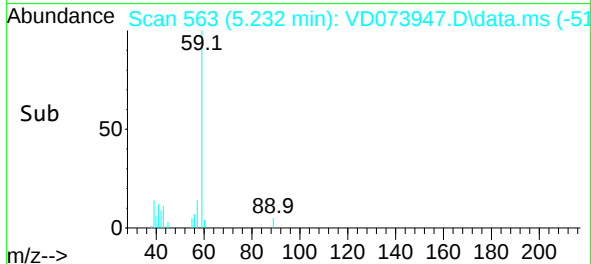
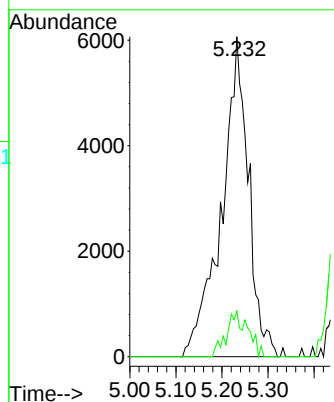
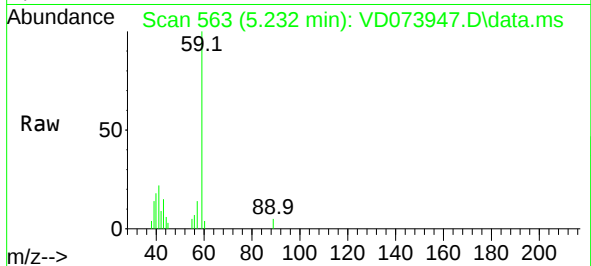




#11
Tert butyl alcohol
Concen: 279.782 ug/l
RT: 5.232 min Scan# 50
Delta R.T. 0.012 min
Lab File: VD073947.D
Acq: 03 Aug 2022 18:32

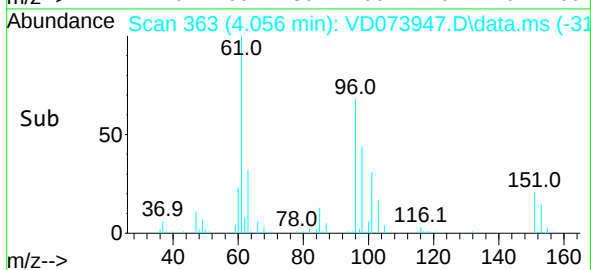
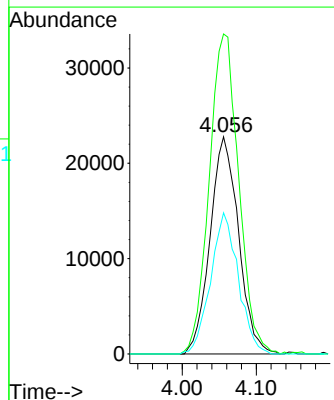
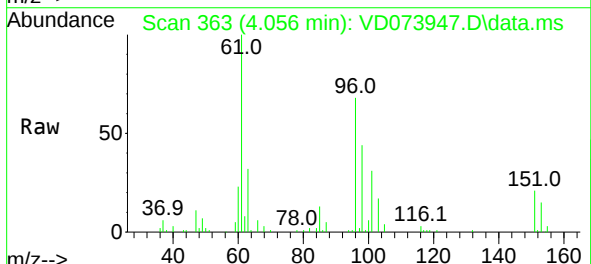
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

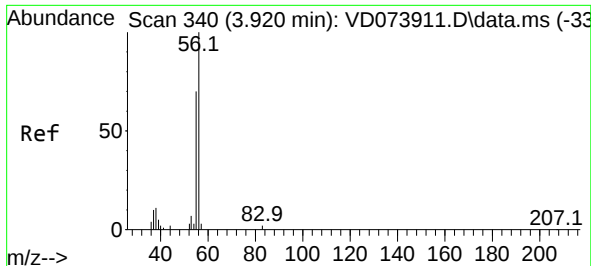
Tgt Ion: 59 Resp: 24522
Ion Ratio Lower Upper
59 100
57 7.5 7.2 10.8



#12
1,1-Dichloroethene
Concen: 45.455 ug/l
RT: 4.056 min Scan# 363
Delta R.T. -0.012 min
Lab File: VD073947.D
Acq: 03 Aug 2022 18:32

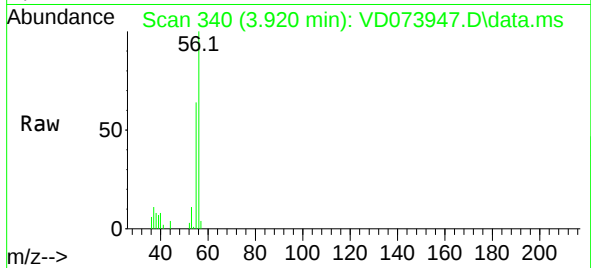
Tgt Ion: 96 Resp: 60850
Ion Ratio Lower Upper
96 100
61 147.4 118.5 177.7
98 65.0 53.2 79.8



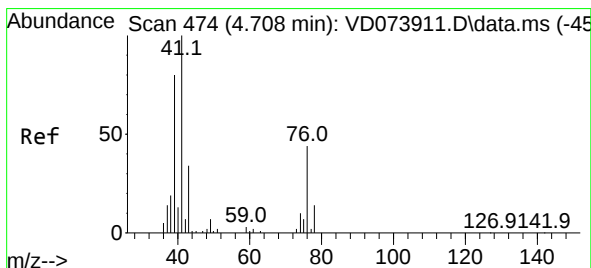
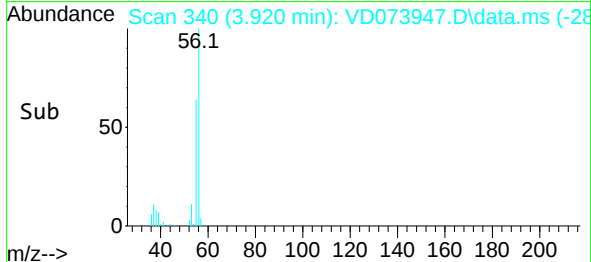
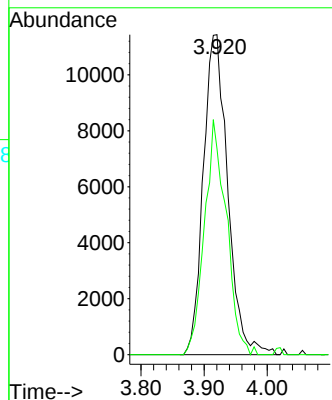


#13
Acrolein
Concen: 320.625 ug/l
RT: 3.920 min Scan# 340
Delta R.T. 0.000 min
Lab File: VD073947.D
Acq: 03 Aug 2022 18:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

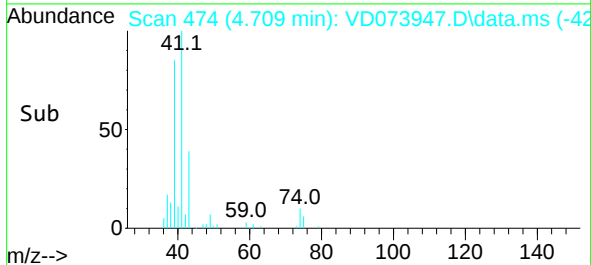
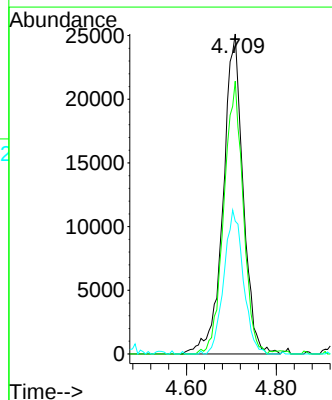
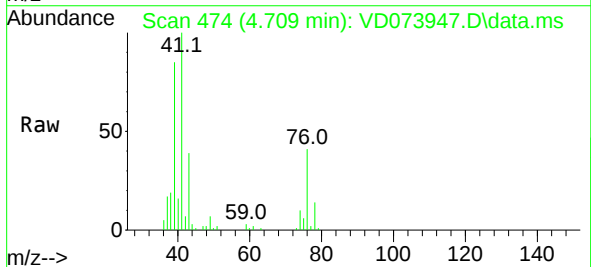


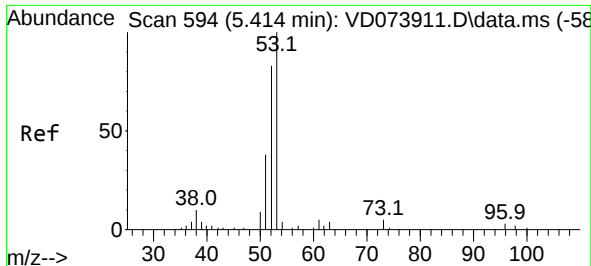
Tgt Ion: 56 Resp: 30656
Ion Ratio Lower Upper
56 100
55 66.1 58.4 87.6



#14
Allyl chloride
Concen: 42.963 ug/l
RT: 4.709 min Scan# 474
Delta R.T. 0.000 min
Lab File: VD073947.D
Acq: 03 Aug 2022 18:32

Tgt Ion: 41 Resp: 77763
Ion Ratio Lower Upper
41 100
39 82.4 62.6 94.0
76 43.6 33.9 50.9

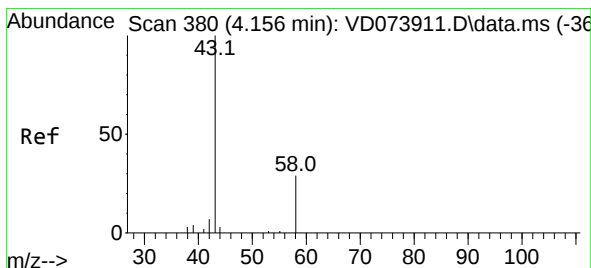
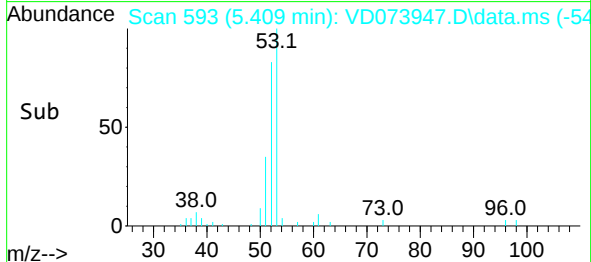
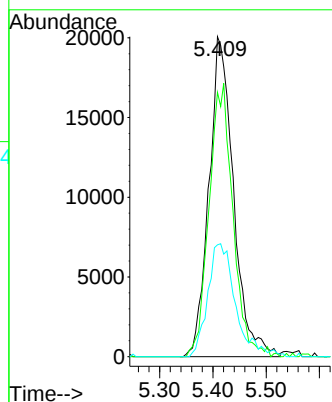
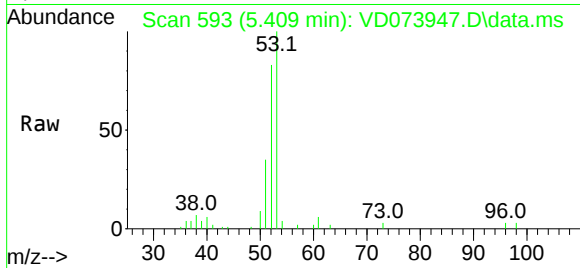




#15
Acrylonitrile
Concen: 233.959 ug/l
RT: 5.409 min Scan# 51
Delta R.T. -0.006 min
Lab File: VD073947.D
Acq: 03 Aug 2022 18:32

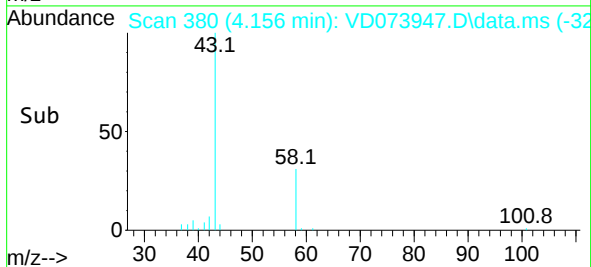
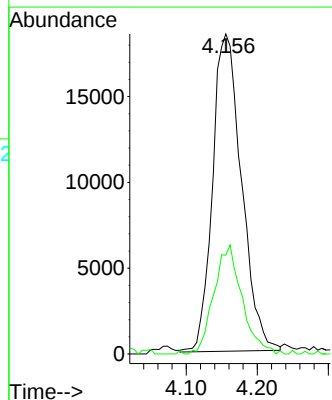
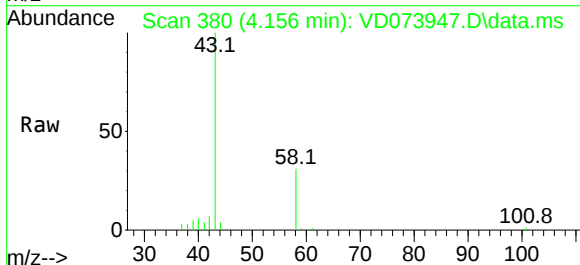
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

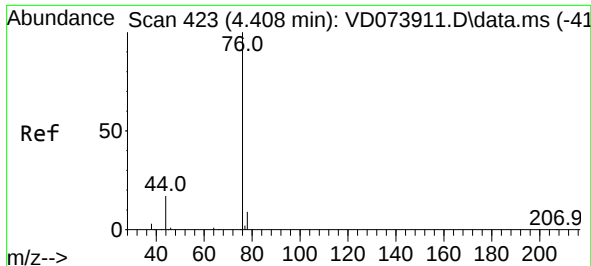
Tgt Ion: 53 Resp: 64250
Ion Ratio Lower Upper
53 100
52 83.1 65.5 98.3
51 39.2 30.4 45.6



#16
Acetone
Concen: 179.880 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD073947.D
Acq: 03 Aug 2022 18:32

Tgt Ion: 43 Resp: 52294
Ion Ratio Lower Upper
43 100
58 30.2 23.0 34.6

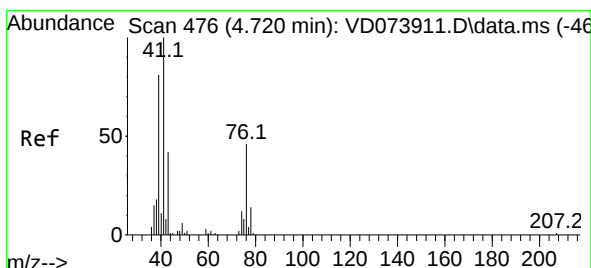
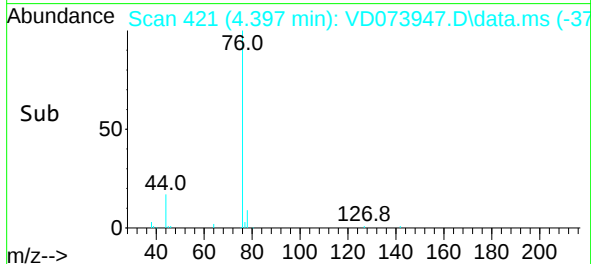
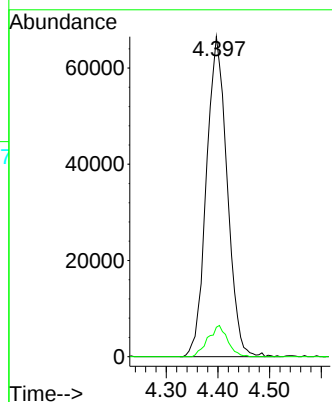
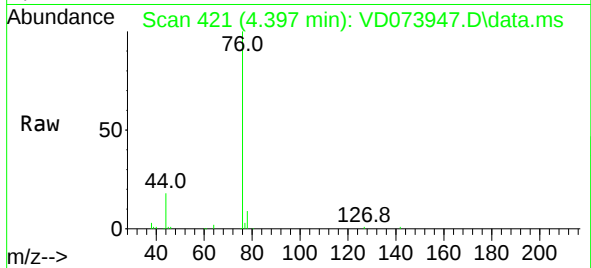




#17
Carbon Disulfide
Concen: 45.198 ug/l
RT: 4.397 min Scan# 41
Delta R.T. -0.011 min
Lab File: VD073947.D
Acq: 03 Aug 2022 18:32

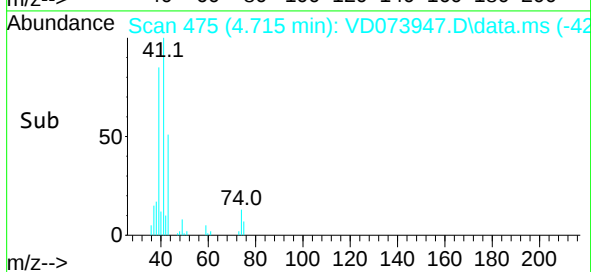
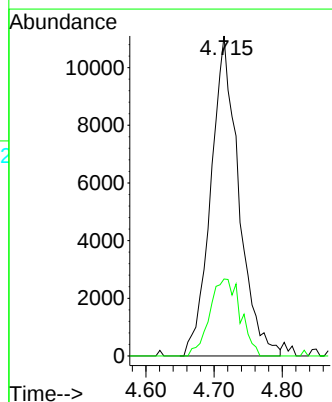
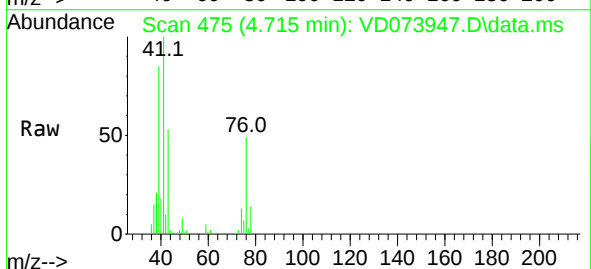
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

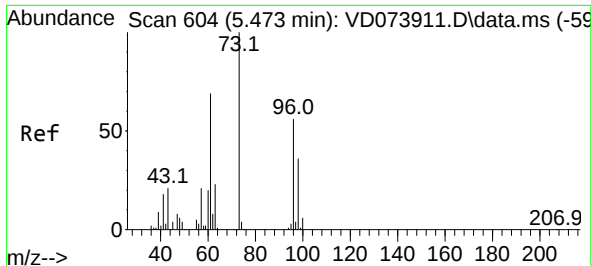
Tgt Ion: 76 Resp: 185609
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9



#18
Methyl Acetate
Concen: 47.833 ug/l
RT: 4.715 min Scan# 475
Delta R.T. -0.005 min
Lab File: VD073947.D
Acq: 03 Aug 2022 18:32

Tgt Ion: 43 Resp: 31658
Ion Ratio Lower Upper
43 100
74 26.5 21.2 31.8

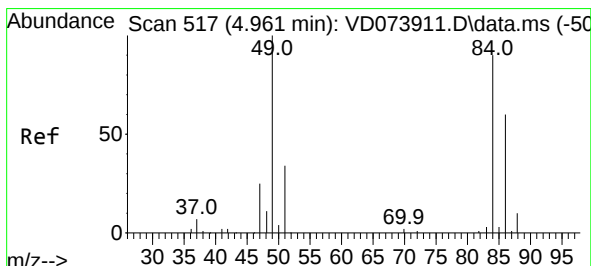
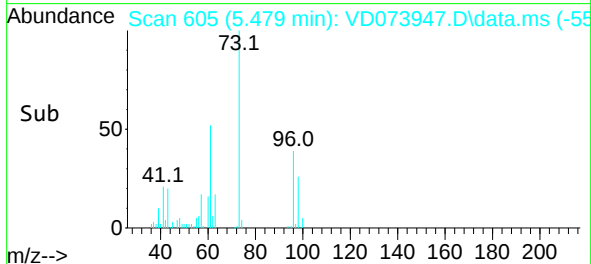
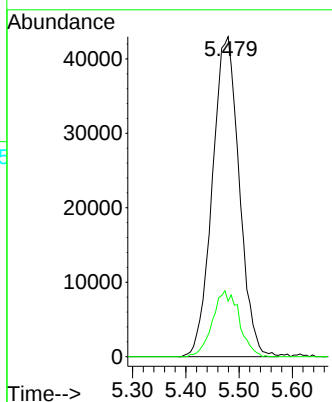
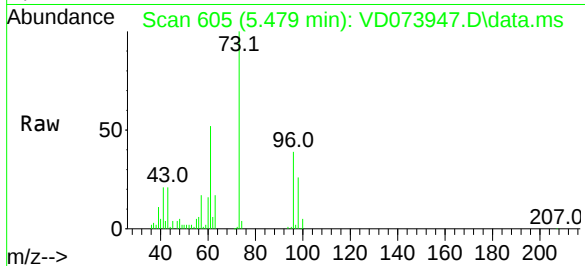




#19
Methyl tert-butyl Ether
Concen: 46.514 ug/l
RT: 5.479 min Scan# 604
Delta R.T. 0.006 min
Lab File: VD073947.D
Acq: 03 Aug 2022 18:32

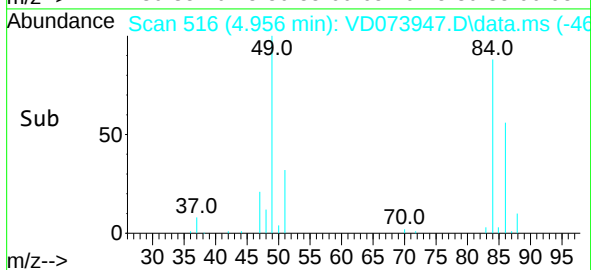
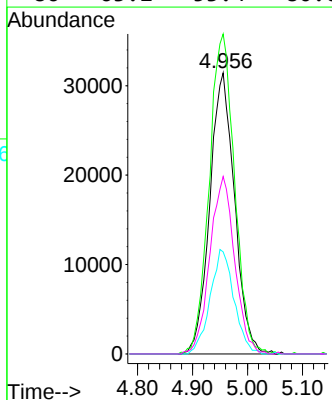
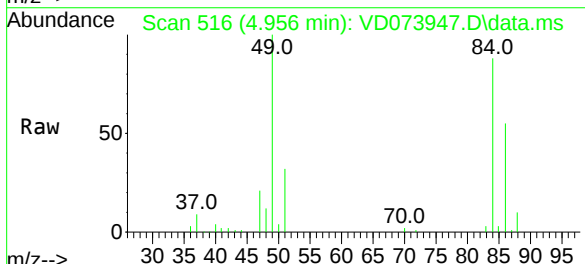
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

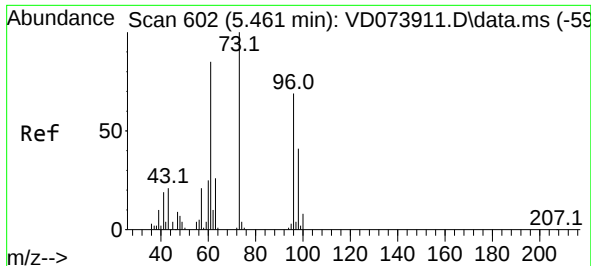
Tgt Ion: 73 Resp: 150753
Ion Ratio Lower Upper
73 100
57 17.4 17.0 25.4



#20
Methylene Chloride
Concen: 53.551 ug/l
RT: 4.956 min Scan# 516
Delta R.T. -0.005 min
Lab File: VD073947.D
Acq: 03 Aug 2022 18:32

Tgt Ion: 84 Resp: 98432
Ion Ratio Lower Upper
84 100
49 113.8 89.1 133.7
51 36.3 29.8 44.8
86 63.2 53.4 80.0

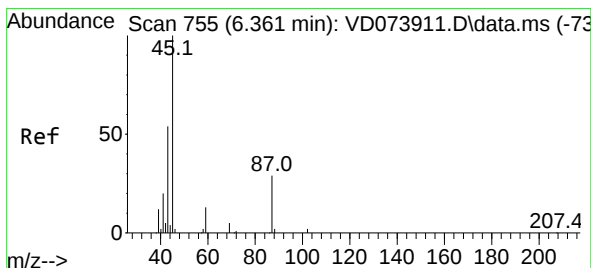
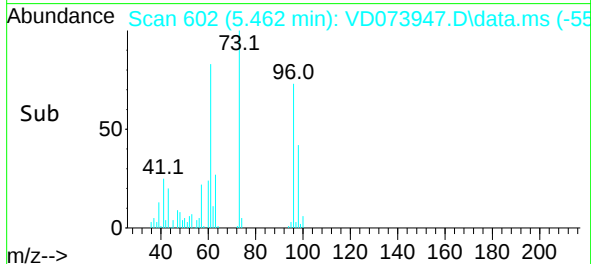
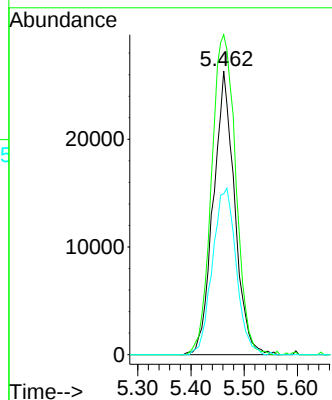
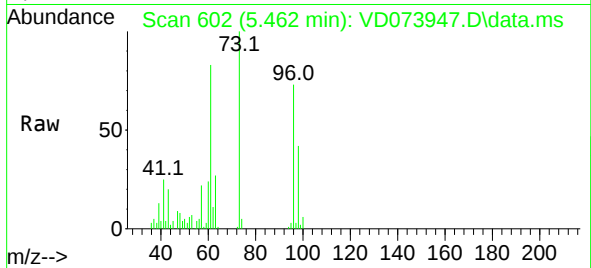




#21
trans-1,2-Dichloroethene
Concen: 45.875 ug/l
RT: 5.462 min Scan# 602
Delta R.T. 0.000 min
Lab File: VD073947.D
Acq: 03 Aug 2022 18:32

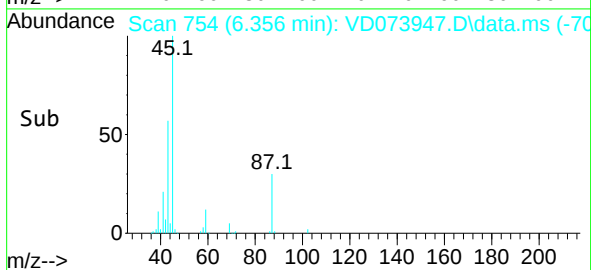
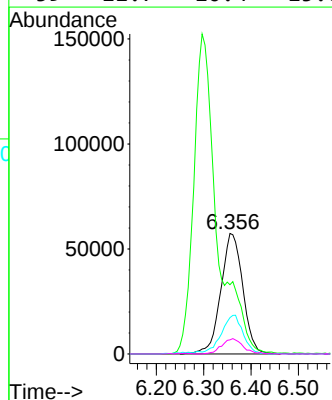
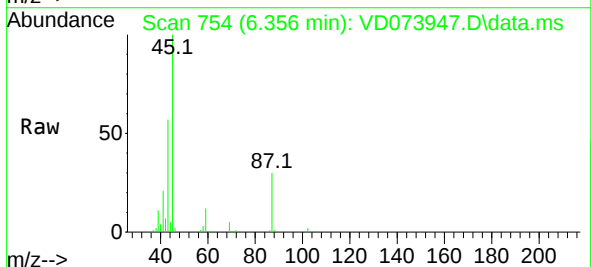
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

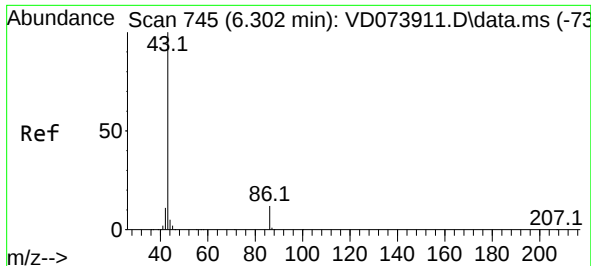
Tgt Ion: 96 Resp: 73190
Ion Ratio Lower Upper
96 100
61 112.8 98.7 148.1
98 56.7 47.3 70.9



#22
Diisopropyl ether
Concen: 47.043 ug/l
RT: 6.356 min Scan# 754
Delta R.T. -0.006 min
Lab File: VD073947.D
Acq: 03 Aug 2022 18:32

Tgt Ion: 45 Resp: 184871
Ion Ratio Lower Upper
45 100
43 56.7 46.2 69.4
87 29.9 24.0 36.0
59 11.7 10.4 15.6

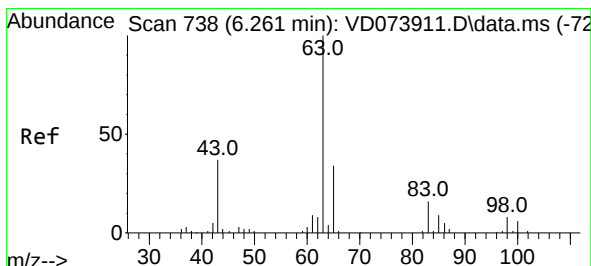
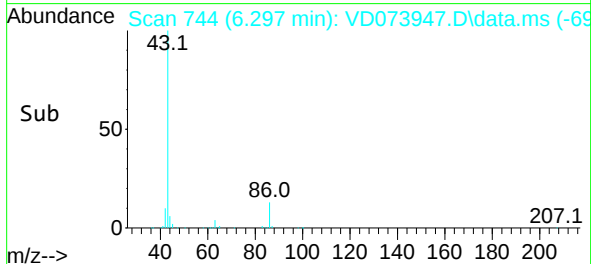
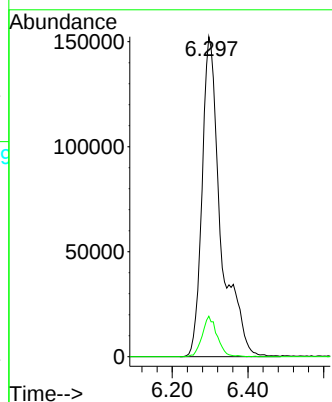
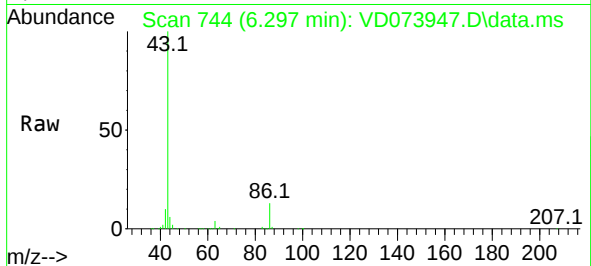




#23
 Vinyl Acetate
 Concen: 251.698 ug/l
 RT: 6.297 min Scan# 744
 Delta R.T. -0.006 min
 Lab File: VD073947.D
 Acq: 03 Aug 2022 18:32

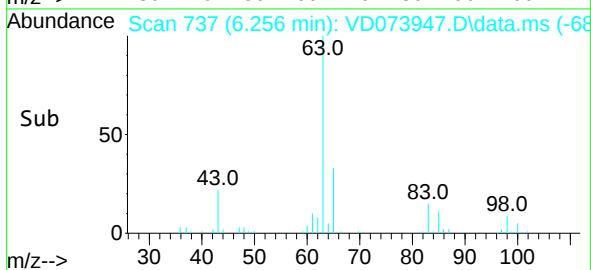
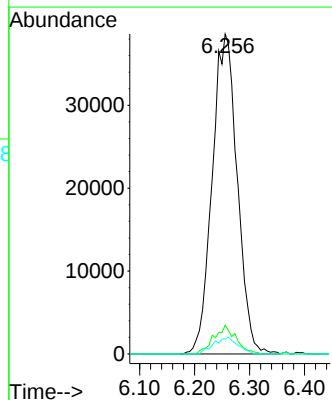
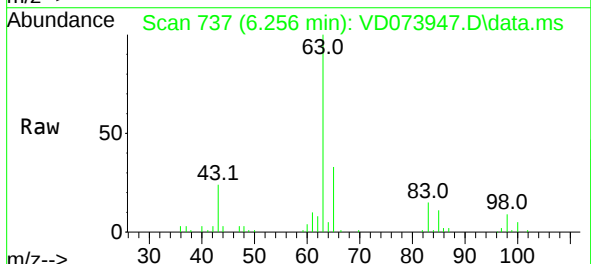
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

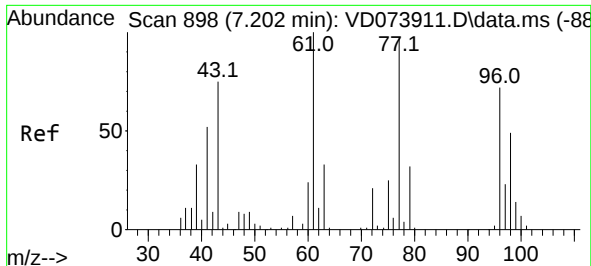
Tgt Ion: 43 Resp: 522765
 Ion Ratio Lower Upper
 43 100
 86 12.6 9.7 14.5



#24
 1,1-Dichloroethane
 Concen: 46.004 ug/l
 RT: 6.256 min Scan# 737
 Delta R.T. -0.006 min
 Lab File: VD073947.D
 Acq: 03 Aug 2022 18:32

Tgt Ion: 63 Resp: 122291
 Ion Ratio Lower Upper
 63 100
 98 9.0 3.9 11.5
 100 4.7 2.8 8.4

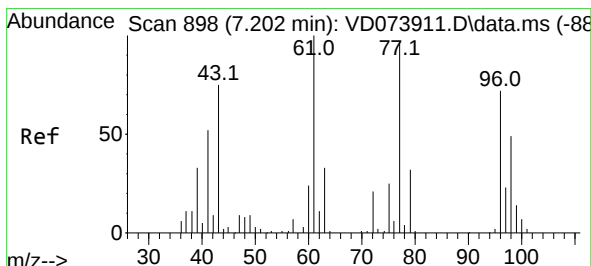
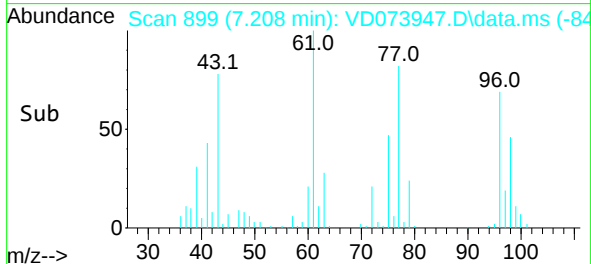
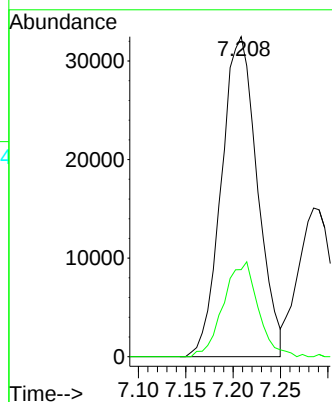
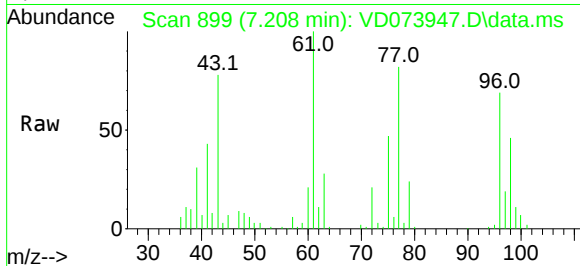




#25
2-Butanone
Concen: 231.930 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.006 min
Lab File: VD073947.D
Acq: 03 Aug 2022 18:32

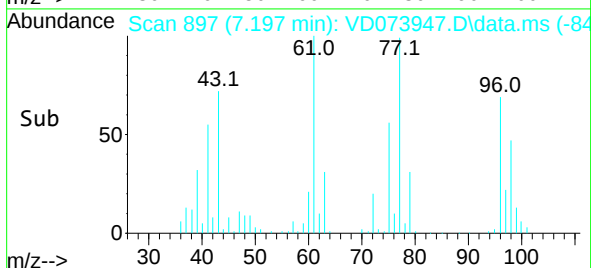
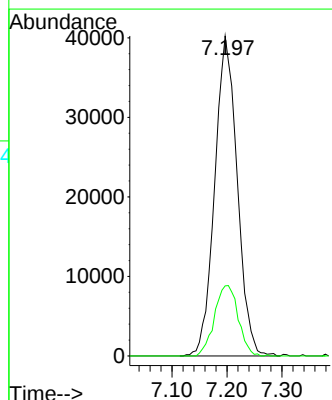
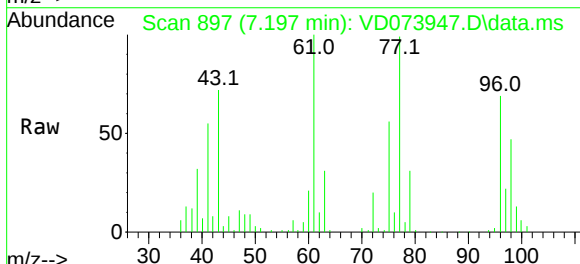
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

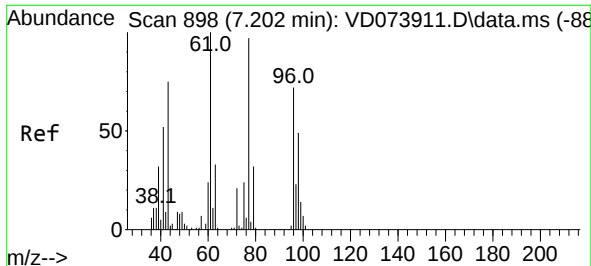
Tgt Ion: 43 Resp: 85887
Ion Ratio Lower Upper
43 100
72 27.2 22.7 34.1



#26
2,2-Dichloropropane
Concen: 42.547 ug/l
RT: 7.197 min Scan# 897
Delta R.T. -0.006 min
Lab File: VD073947.D
Acq: 03 Aug 2022 18:32

Tgt Ion: 77 Resp: 114359
Ion Ratio Lower Upper
77 100
97 23.1 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 44.529 ug/l

RT: 7.203 min Scan# 898

Delta R.T. 0.000 min

Lab File: VD073947.D

Acq: 03 Aug 2022 18:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

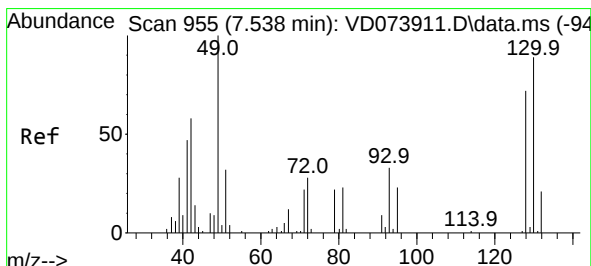
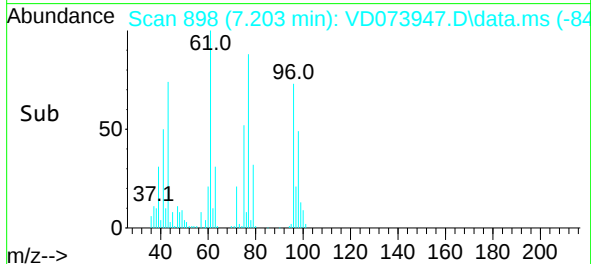
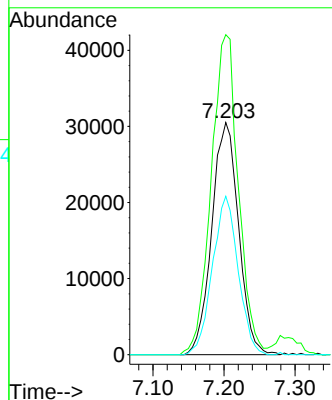
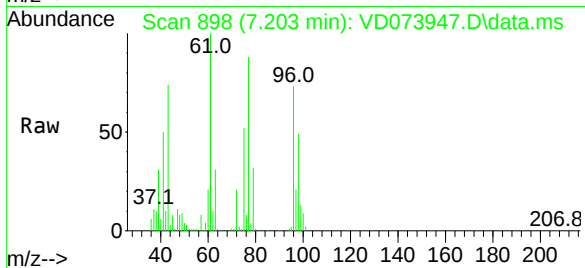
Tgt Ion: 96 Resp: 79979

Ion Ratio Lower Upper

96 100

61 139.7 0.0 272.0

98 65.3 0.0 129.2



#28

Bromochloromethane

Concen: 51.738 ug/l

RT: 7.544 min Scan# 956

Delta R.T. 0.006 min

Lab File: VD073947.D

Acq: 03 Aug 2022 18:32

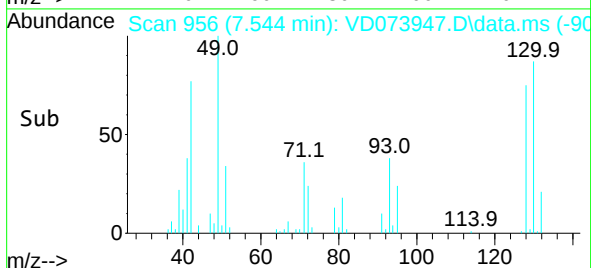
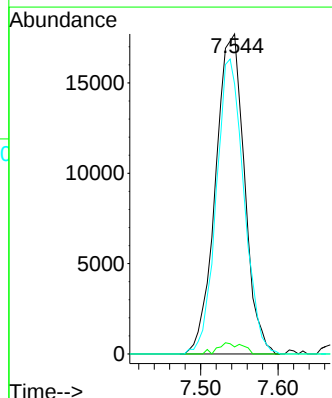
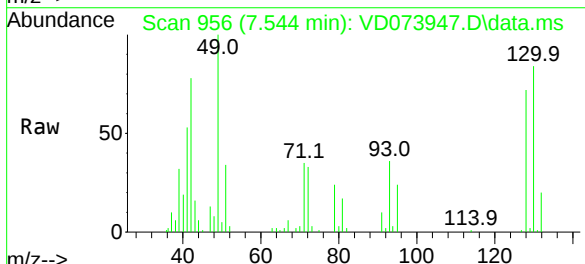
Tgt Ion: 49 Resp: 45896

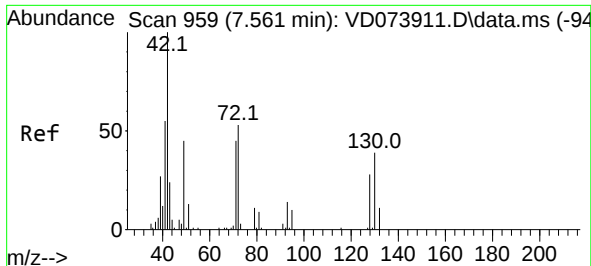
Ion Ratio Lower Upper

49 100

129 3.0 0.0 5.4

130 88.2 72.0 108.0





#29

Tetrahydrofuran

Concen: 241.604 ug/l

RT: 7.556 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD073947.D

Acq: 03 Aug 2022 18:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

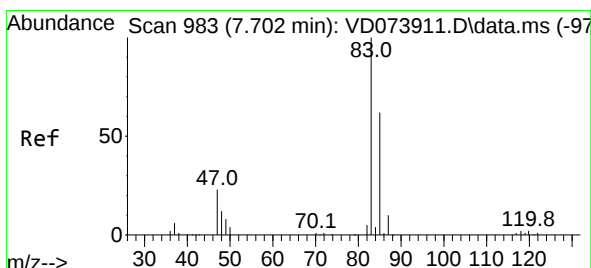
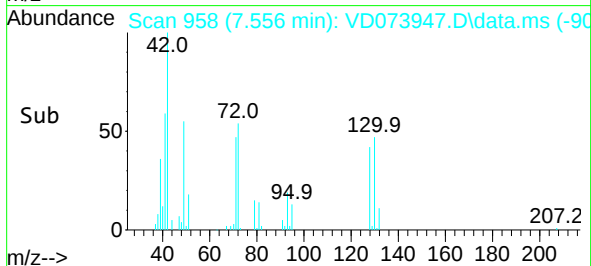
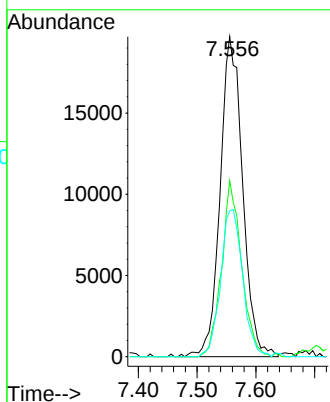
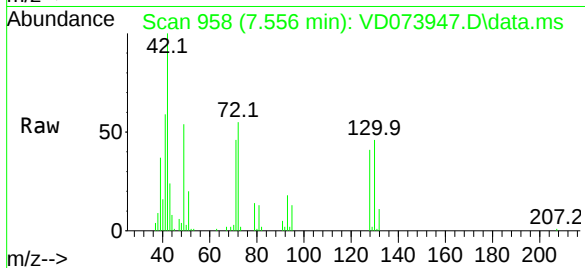
Tgt Ion: 42 Resp: 52277

Ion Ratio Lower Upper

42 100

72 49.0 39.0 58.4

71 45.1 35.7 53.5



#30

Chloroform

Concen: 45.989 ug/l

RT: 7.703 min Scan# 983

Delta R.T. 0.000 min

Lab File: VD073947.D

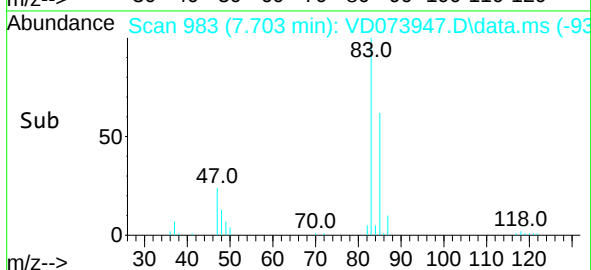
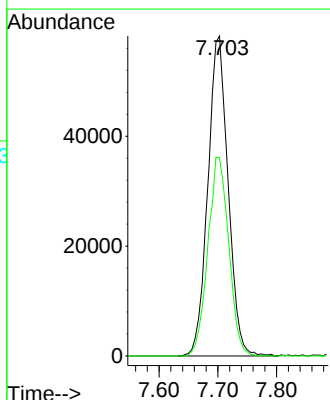
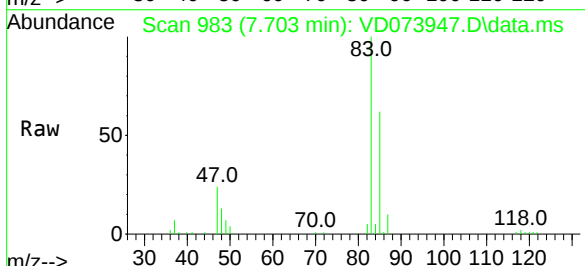
Acq: 03 Aug 2022 18:32

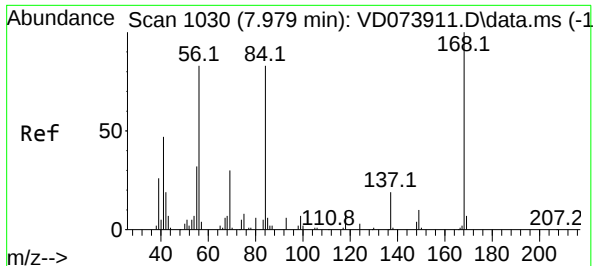
Tgt Ion: 83 Resp: 139300

Ion Ratio Lower Upper

83 100

85 61.9 49.8 74.8

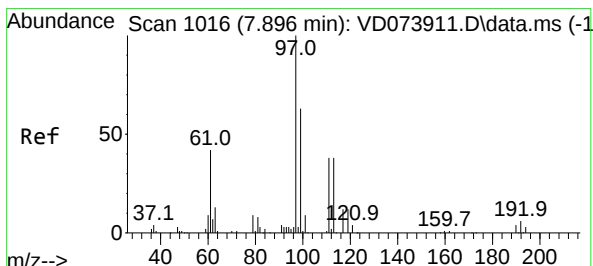
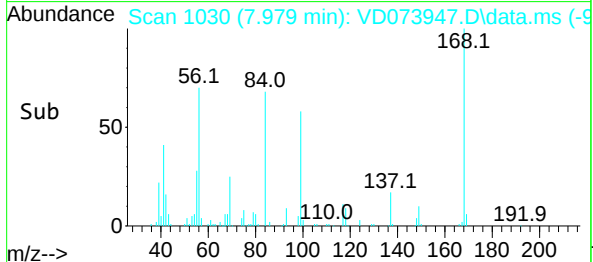
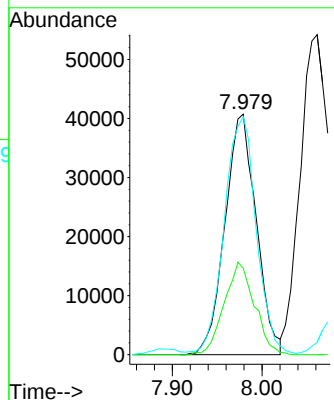
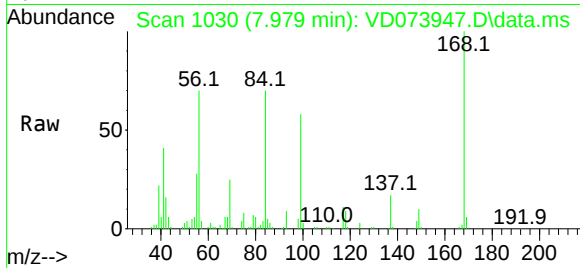




#31
Cyclohexane
Concen: 42.041 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD073947.D
Acq: 03 Aug 2022 18:32

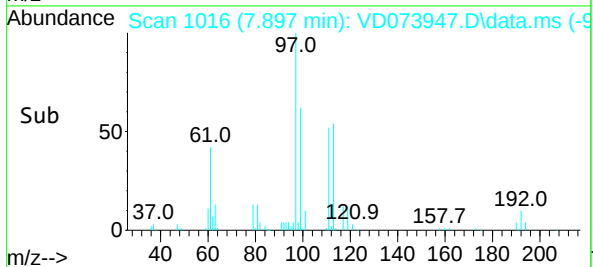
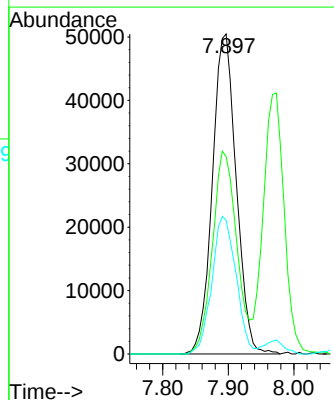
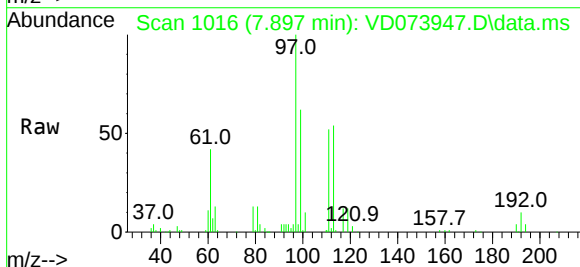
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

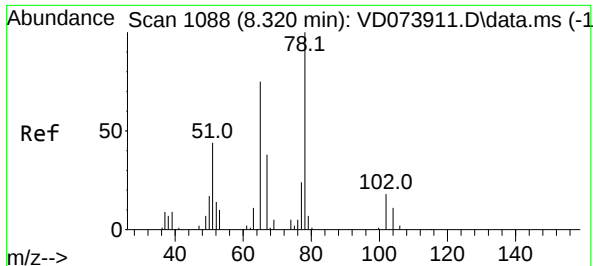
Tgt Ion: 56 Resp: 98777
Ion Ratio Lower Upper
56 100
69 35.9 29.2 43.8
84 97.8 80.0 120.0



#32
1,1,1-Trichloroethane
Concen: 44.204 ug/l
RT: 7.897 min Scan# 1016
Delta R.T. 0.000 min
Lab File: VD073947.D
Acq: 03 Aug 2022 18:32

Tgt Ion: 97 Resp: 127490
Ion Ratio Lower Upper
97 100
99 64.2 52.0 78.0
61 43.5 33.4 50.0





#33

1,2-Dichloroethane-d4

Concen: 52.411 ug/l

RT: 8.326 min Scan# 1088

Delta R.T. 0.006 min

Lab File: VD073947.D

Acq: 03 Aug 2022 18:32

Instrument :

MSVOA_D

ClientSampleId :

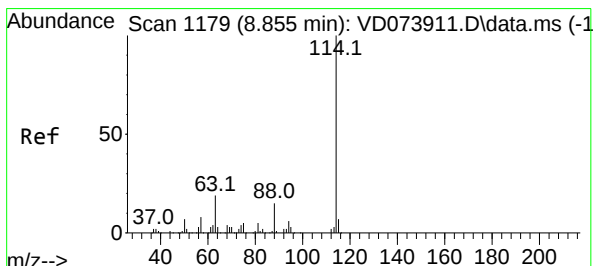
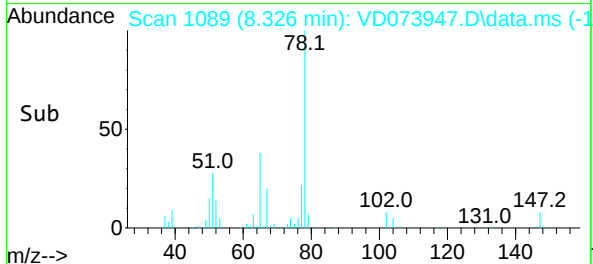
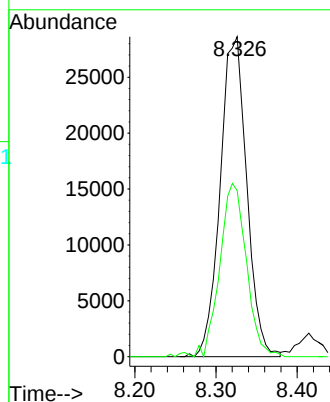
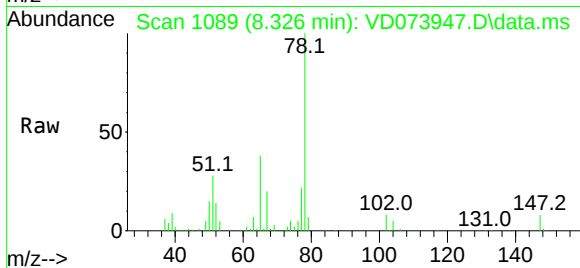
VSTDCCC050EC

Tgt Ion: 65 Resp: 65149

Ion Ratio Lower Upper

65 100

67 54.0 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073947.D

Acq: 03 Aug 2022 18:32

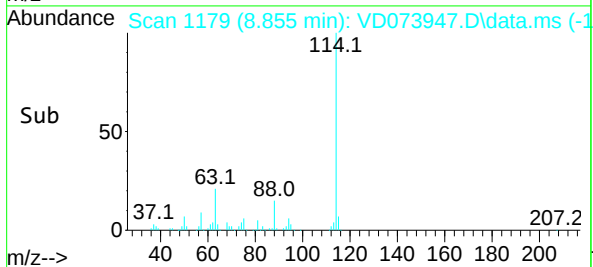
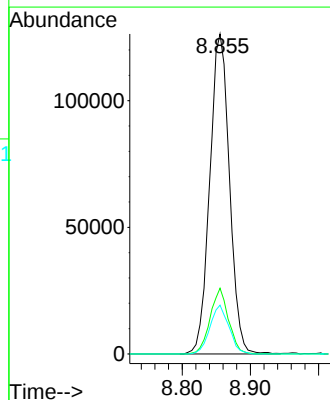
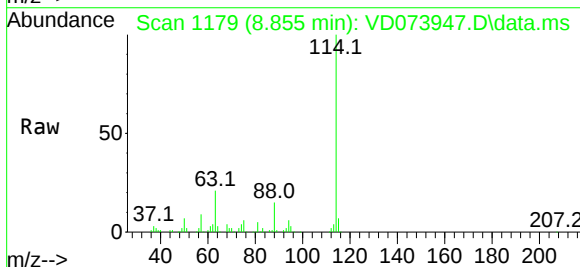
Tgt Ion: 114 Resp: 254090

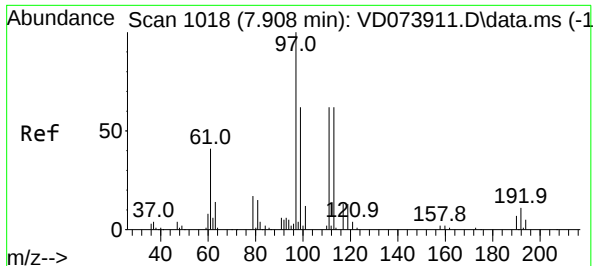
Ion Ratio Lower Upper

114 100

63 20.5 0.0 37.6

88 15.2 0.0 30.2





#35

Dibromofluoromethane

Concen: 44.687 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD073947.D

Acq: 03 Aug 2022 18:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

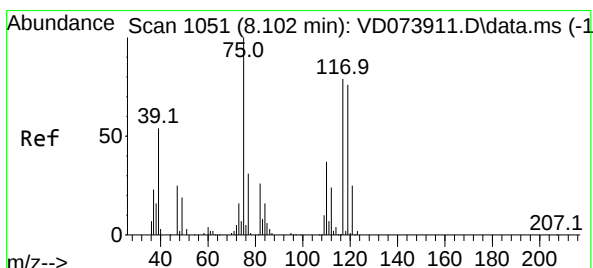
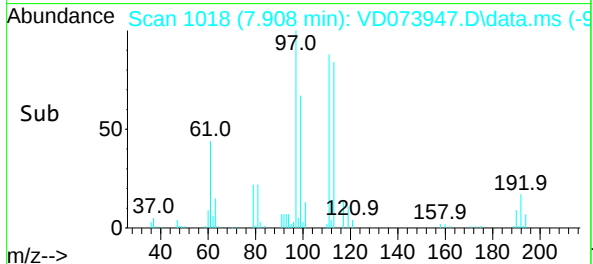
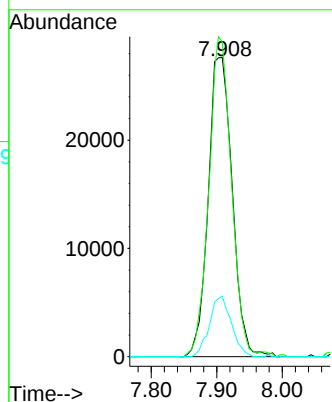
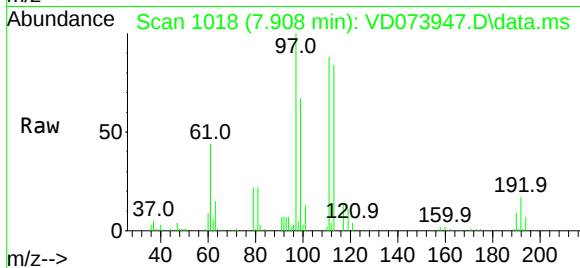
Tgt Ion:113 Resp: 70547

Ion Ratio Lower Upper

113 100

111 99.9 83.7 125.5

192 18.5 15.0 22.6



#36

1,1-Dichloropropene

Concen: 44.164 ug/l

RT: 8.103 min Scan# 1051

Delta R.T. 0.000 min

Lab File: VD073947.D

Acq: 03 Aug 2022 18:32

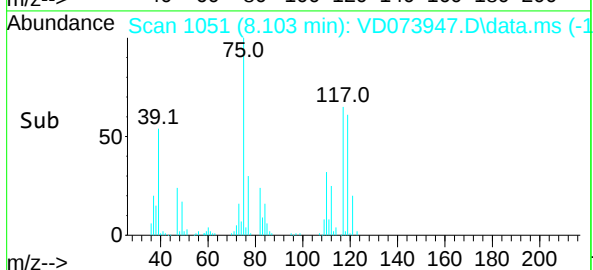
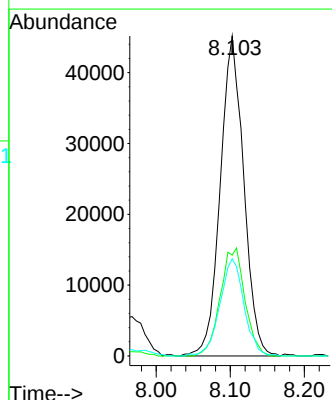
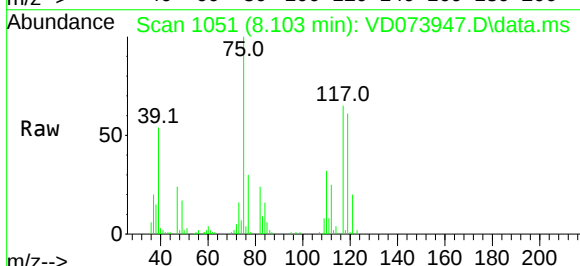
Tgt Ion: 75 Resp: 99303

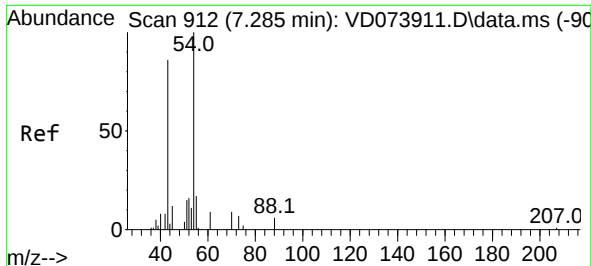
Ion Ratio Lower Upper

75 100

110 35.5 18.1 54.1

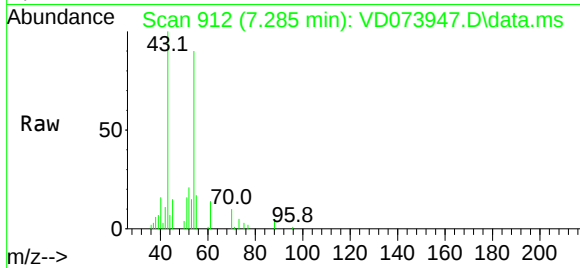
77 31.3 24.7 37.1



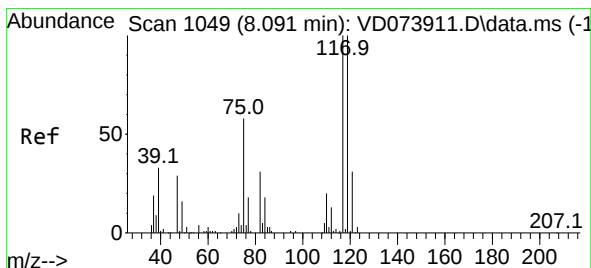
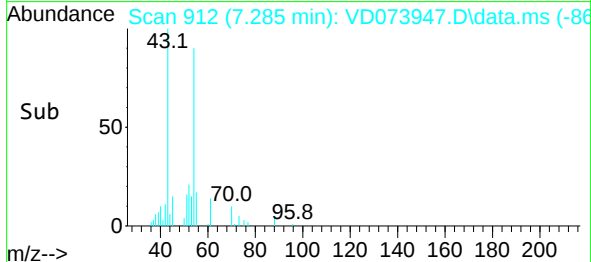
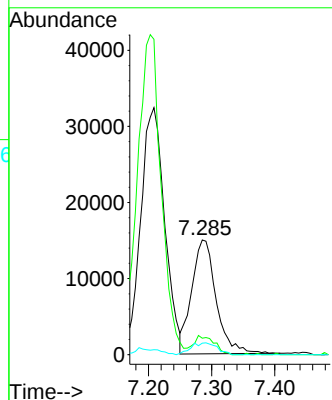


#37
Ethyl Acetate
Concen: 48.041 ug/l
RT: 7.285 min Scan# 912
Delta R.T. 0.000 min
Lab File: VD073947.D
Acq: 03 Aug 2022 18:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

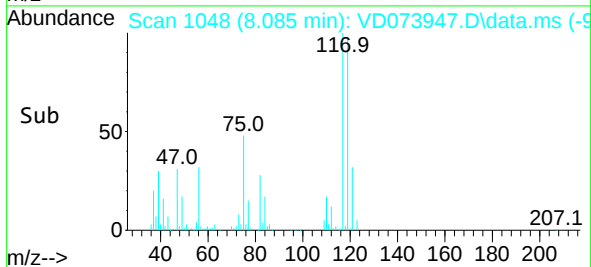
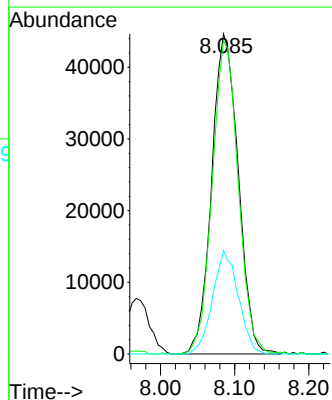
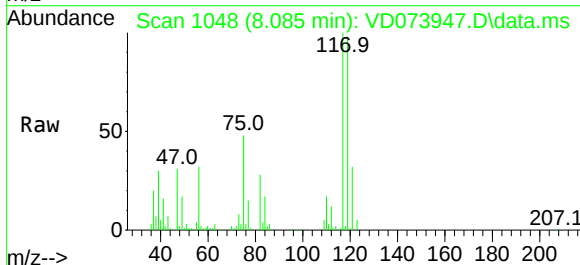


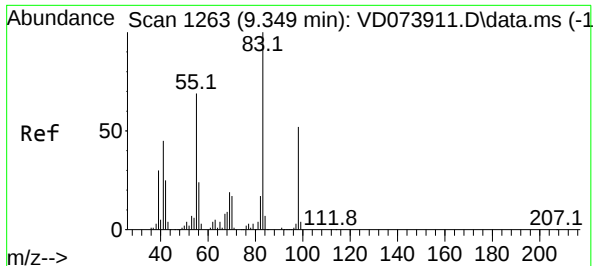
Tgt Ion: 43 Resp: 40229
Ion Ratio Lower Upper
43 100
61 13.9 12.7 19.1
70 11.1 9.4 14.0



#38
Carbon Tetrachloride
Concen: 44.098 ug/l
RT: 8.085 min Scan# 1048
Delta R.T. -0.006 min
Lab File: VD073947.D
Acq: 03 Aug 2022 18:32

Tgt Ion: 117 Resp: 111075
Ion Ratio Lower Upper
117 100
119 98.0 79.6 119.4
121 32.4 24.4 36.6





#39

Methylcyclohexane

Concen: 43.838 ug/l

RT: 9.344 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD073947.D

Acq: 03 Aug 2022 18:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

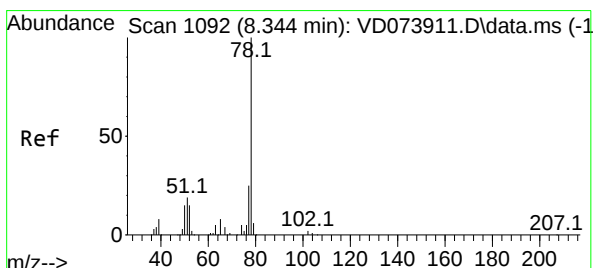
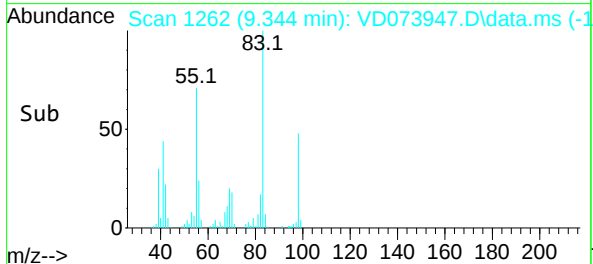
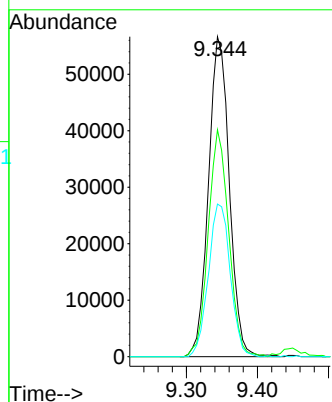
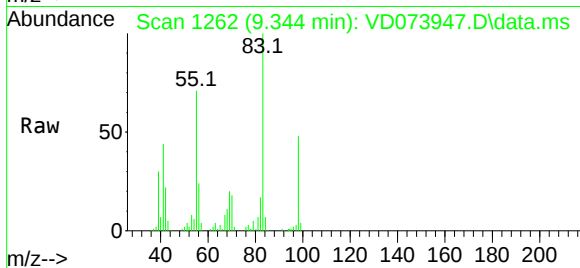
Tgt Ion: 83 Resp: 115536

Ion Ratio Lower Upper

83 100

55 70.9 55.6 83.4

98 47.7 41.6 62.4



#40

Benzene

Concen: 46.322 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VD073947.D

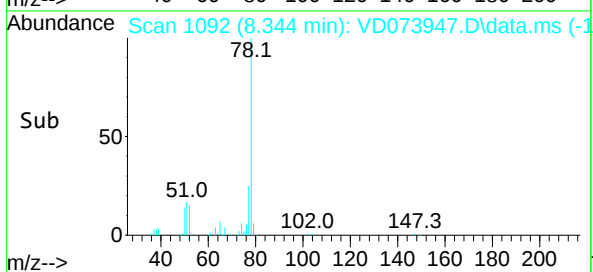
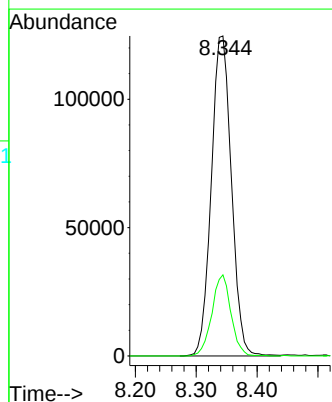
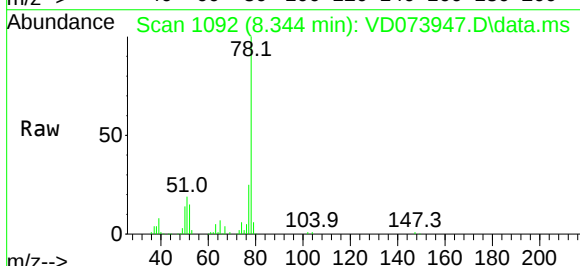
Acq: 03 Aug 2022 18:32

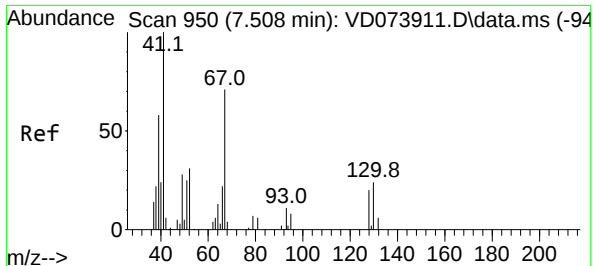
Tgt Ion: 78 Resp: 285804

Ion Ratio Lower Upper

78 100

77 25.3 19.8 29.6

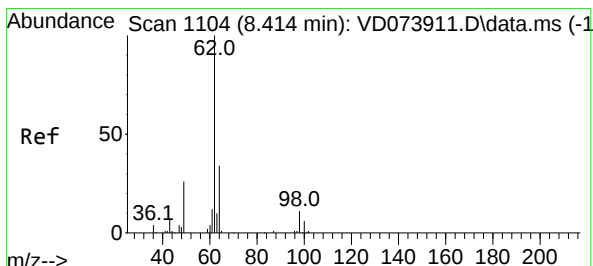
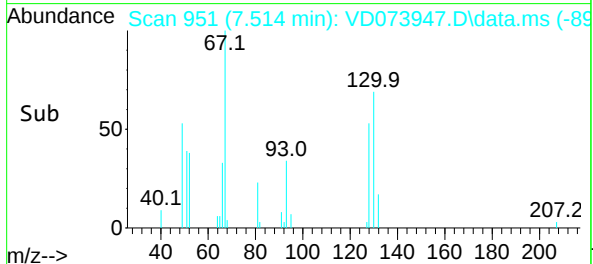
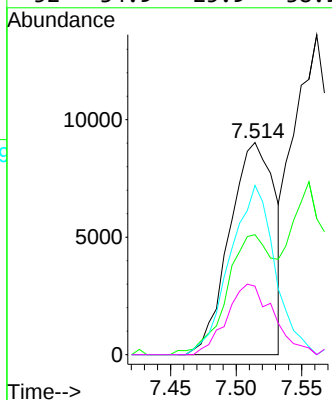
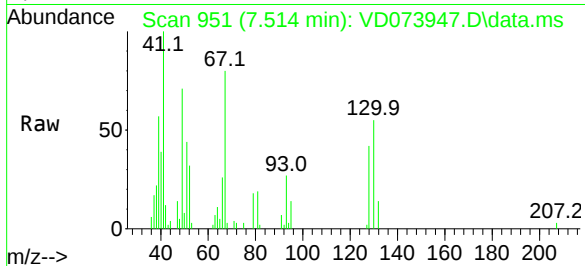




#41
Methacrylonitrile
Concen: 44.830 ug/l
RT: 7.514 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD073947.D
Acq: 03 Aug 2022 18:32

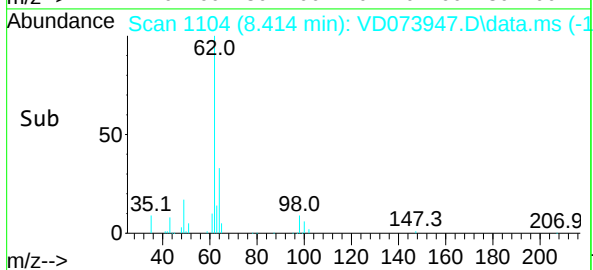
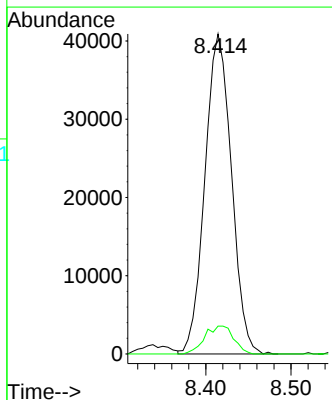
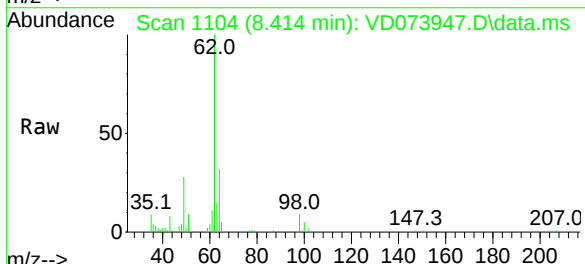
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

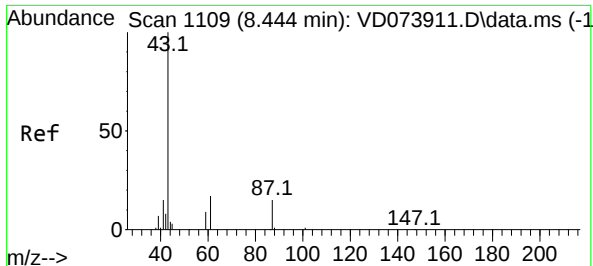
Tgt Ion:	41	Resp:	21671
Ion	Ratio	Lower	Upper
41	100		
39	59.6	46.6	69.8
67	78.8	61.0	91.4
52	34.9	25.9	38.9



#42
1,2-Dichloroethane
Concen: 46.737 ug/l
RT: 8.414 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VD073947.D
Acq: 03 Aug 2022 18:32

Tgt Ion:	62	Resp:	88505
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	19.8





#43

Isopropyl Acetate

Concen: 47.502 ug/l

RT: 8.444 min Scan# 1109

Delta R.T. 0.000 min

Lab File: VD073947.D

Acq: 03 Aug 2022 18:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

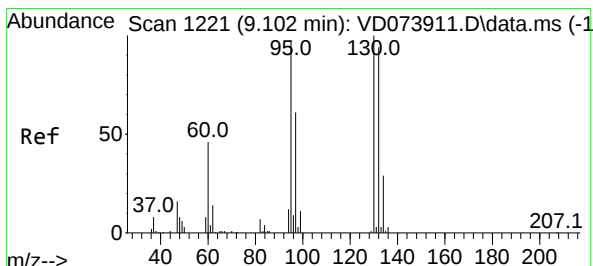
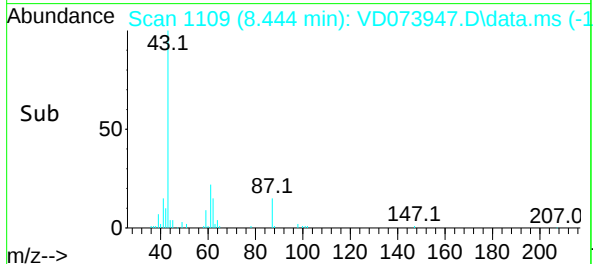
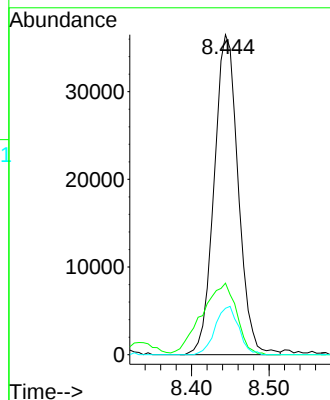
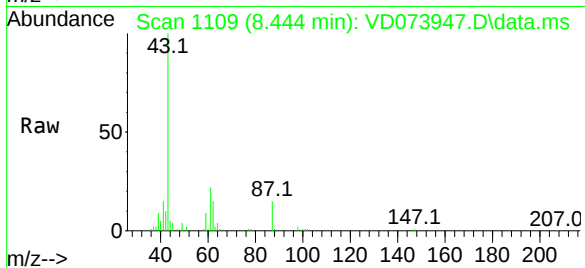
Tgt Ion: 43 Resp: 78769

Ion Ratio Lower Upper

43 100

61 32.4 24.6 37.0

87 14.7 12.2 18.2



#44

Trichloroethene

Concen: 41.766 ug/l

RT: 9.102 min Scan# 1221

Delta R.T. 0.000 min

Lab File: VD073947.D

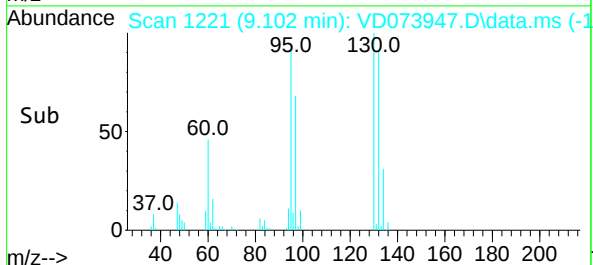
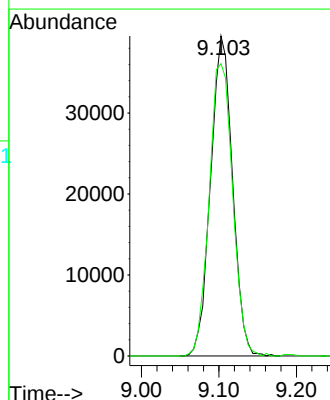
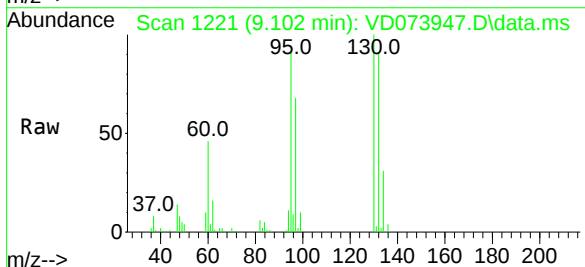
Acq: 03 Aug 2022 18:32

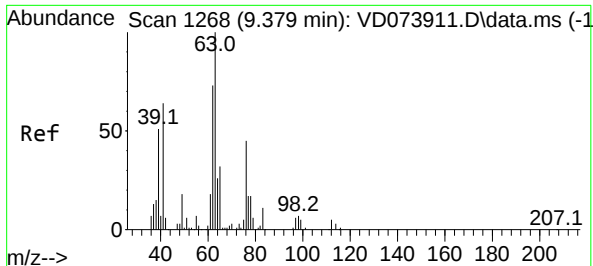
Tgt Ion:130 Resp: 77630

Ion Ratio Lower Upper

130 100

95 91.4 0.0 194.2





#45

1,2-Dichloropropane

Concen: 45.639 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. 0.000 min

Lab File: VD073947.D

Acq: 03 Aug 2022 18:32

Instrument :

MSVOA_D

ClientSampleId :

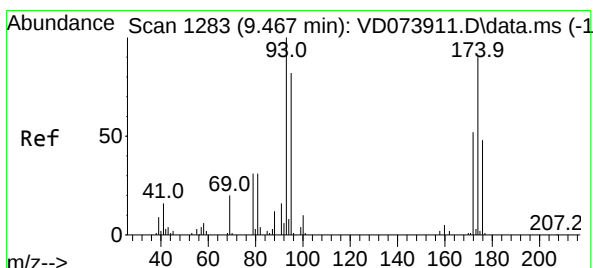
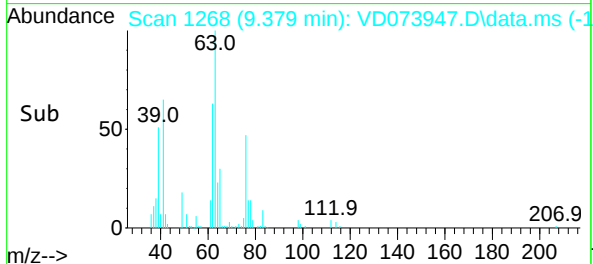
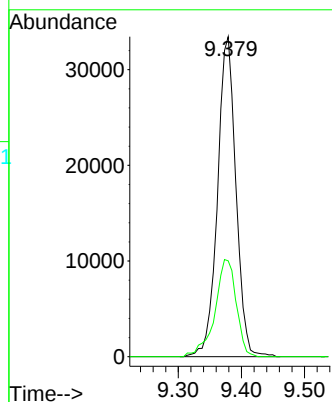
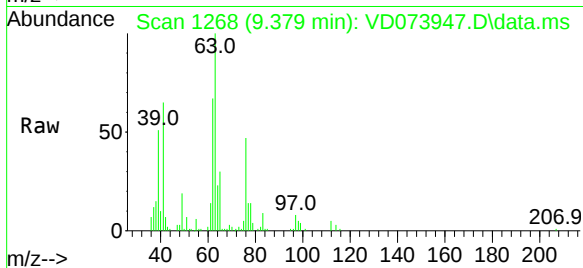
VSTDCCC050EC

Tgt Ion: 63 Resp: 67757

Ion Ratio Lower Upper

63 100

65 30.0 26.0 39.0



#46

Dibromomethane

Concen: 46.954 ug/l

RT: 9.461 min Scan# 1282

Delta R.T. -0.006 min

Lab File: VD073947.D

Acq: 03 Aug 2022 18:32

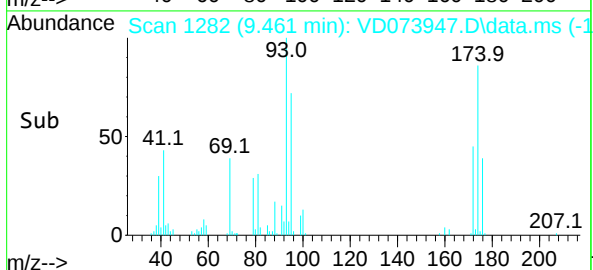
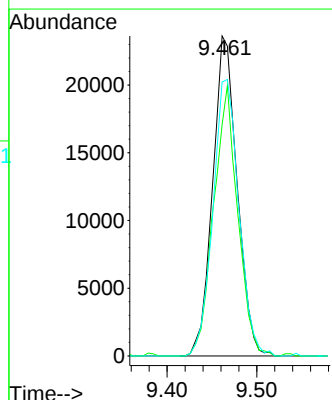
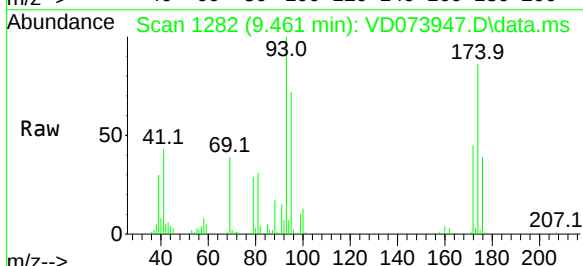
Tgt Ion: 93 Resp: 44836

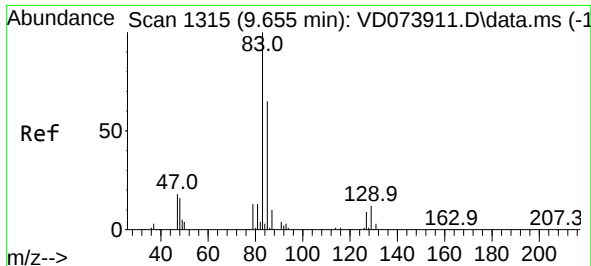
Ion Ratio Lower Upper

93 100

95 83.0 66.2 99.2

174 91.4 76.4 114.6





#47

Bromodichloromethane

Concen: 45.853 ug/l

RT: 9.650 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD073947.D

Acq: 03 Aug 2022 18:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

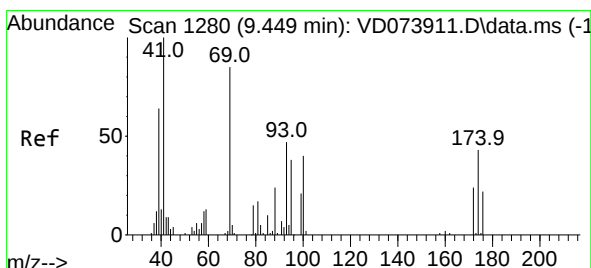
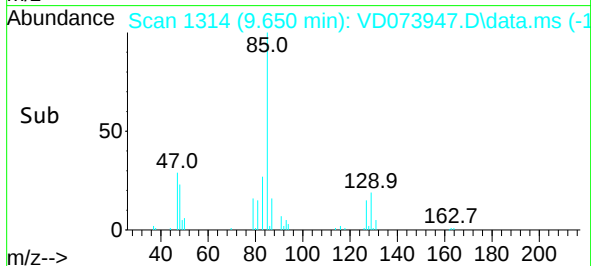
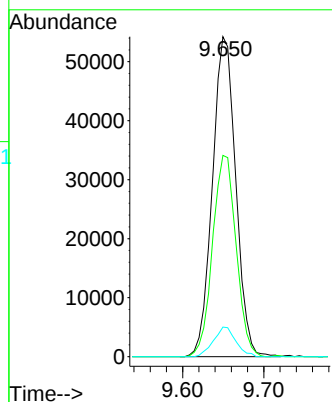
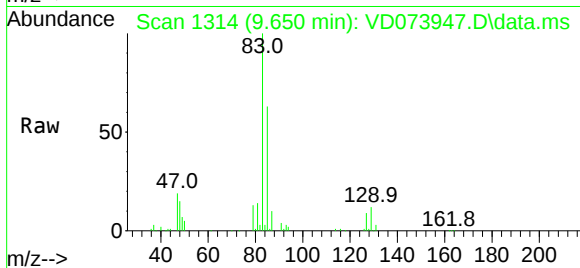
Tgt Ion: 83 Resp: 108456

Ion Ratio Lower Upper

83 100

85 62.9 51.7 77.5

127 9.2 7.0 10.6



#48

Methyl methacrylate

Concen: 49.416 ug/l

RT: 9.444 min Scan# 1279

Delta R.T. -0.006 min

Lab File: VD073947.D

Acq: 03 Aug 2022 18:32

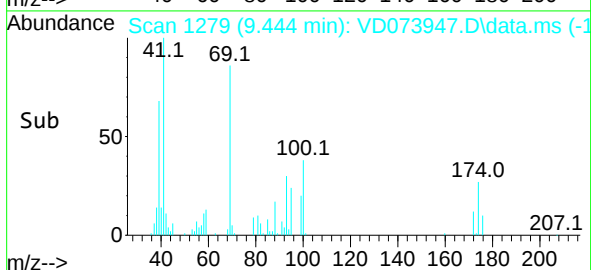
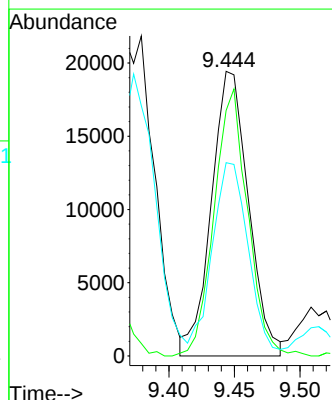
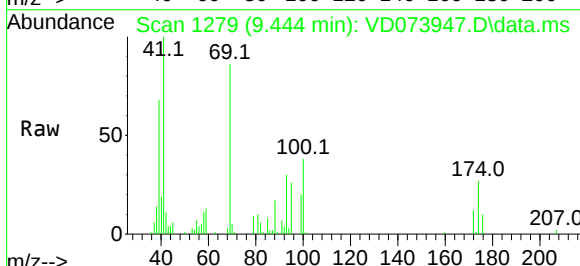
Tgt Ion: 41 Resp: 38240

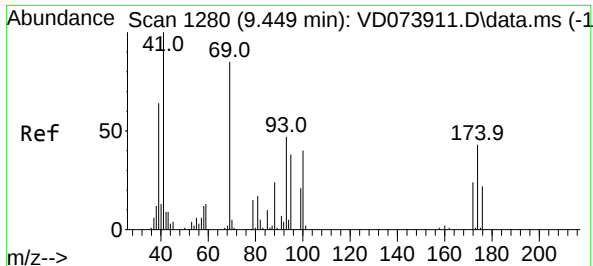
Ion Ratio Lower Upper

41 100

69 85.0 68.3 102.5

39 61.3 48.7 73.1





#49

1,4-Dioxane

Concen: 958.586 ug/l

RT: 9.455 min Scan# 1281

Delta R.T. 0.006 min

Lab File: VD073947.D

Acq: 03 Aug 2022 18:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

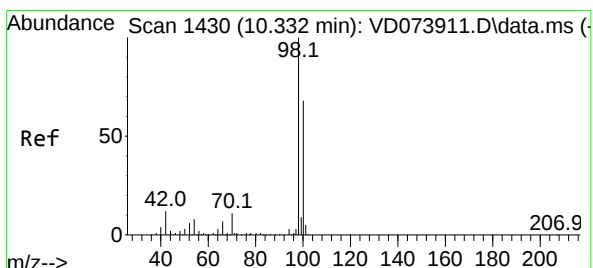
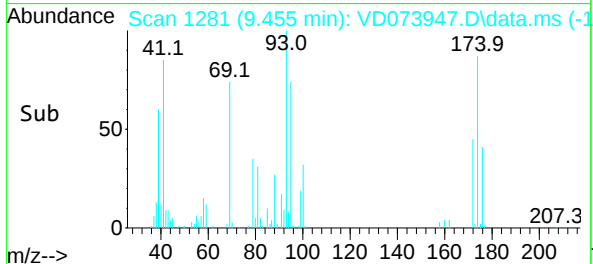
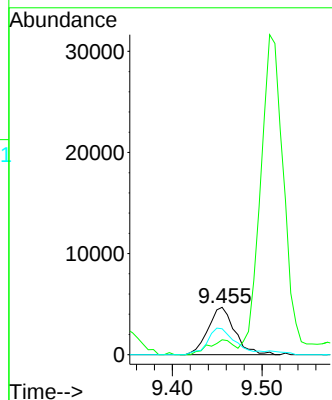
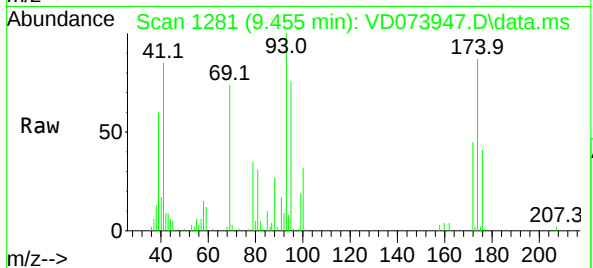
Tgt Ion: 88 Resp: 9647

Ion Ratio Lower Upper

88 100

43 29.6 27.4 41.0

58 64.2 51.9 77.9



#50

Toluene-d8

Concen: 41.914 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VD073947.D

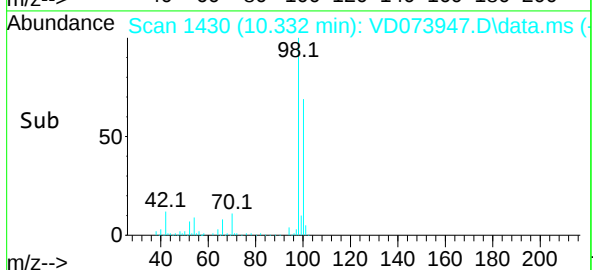
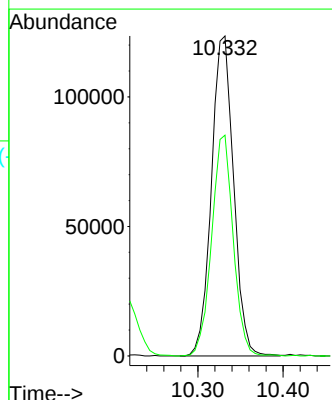
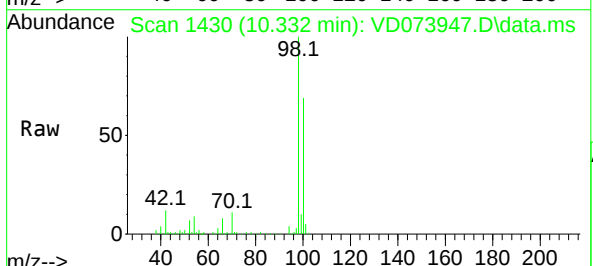
Acq: 03 Aug 2022 18:32

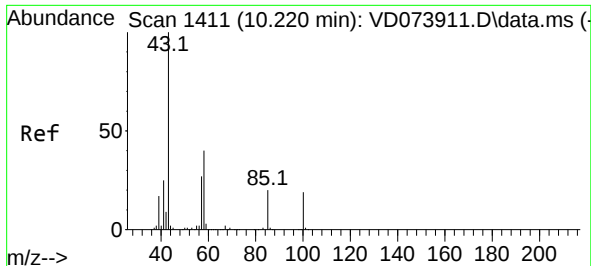
Tgt Ion: 98 Resp: 222890

Ion Ratio Lower Upper

98 100

100 67.2 53.1 79.7

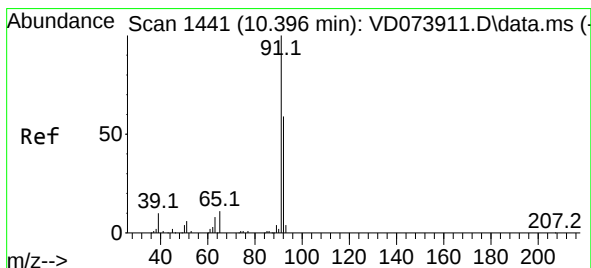
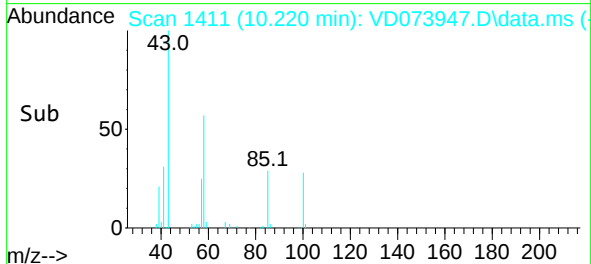
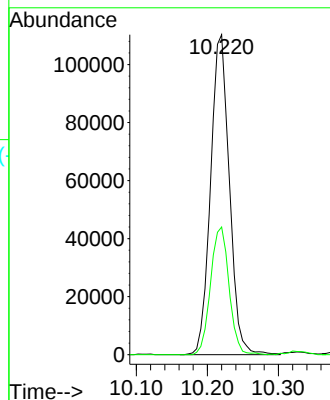
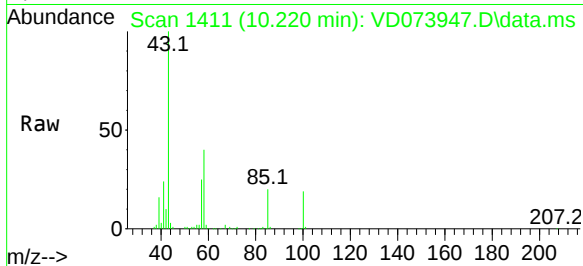




#51
4-Methyl-2-Pentanone
Concen: 244.438 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD073947.D
Acq: 03 Aug 2022 18:32

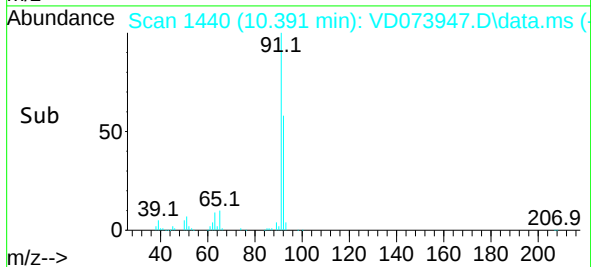
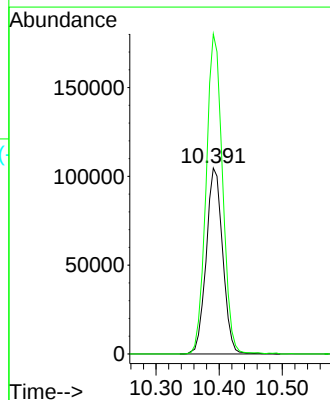
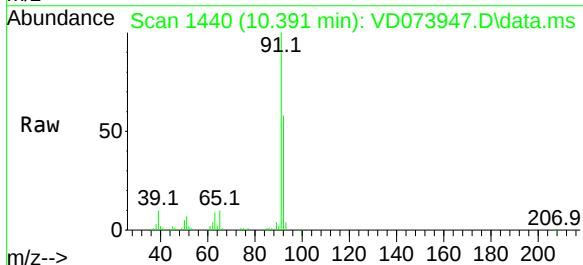
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

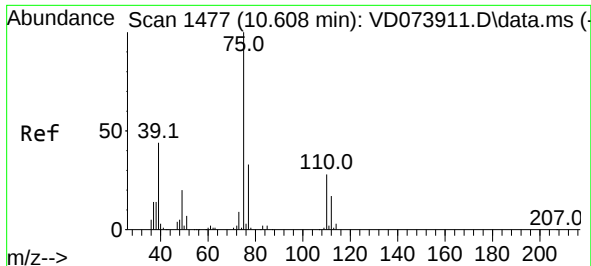
Tgt Ion: 43 Resp: 202368
Ion Ratio Lower Upper
43 100
58 39.2 32.1 48.1



#52
Toluene
Concen: 45.121 ug/l
RT: 10.391 min Scan# 1440
Delta R.T. -0.006 min
Lab File: VD073947.D
Acq: 03 Aug 2022 18:32

Tgt Ion: 92 Resp: 189431
Ion Ratio Lower Upper
92 100
91 171.3 137.7 206.5

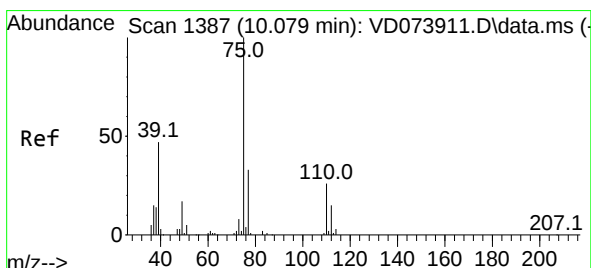
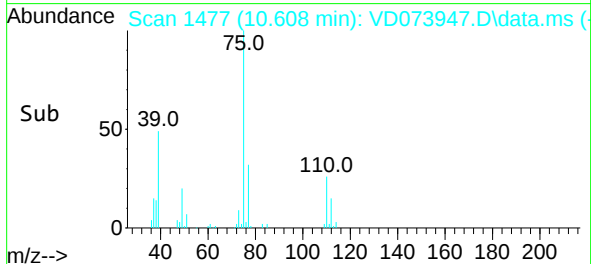
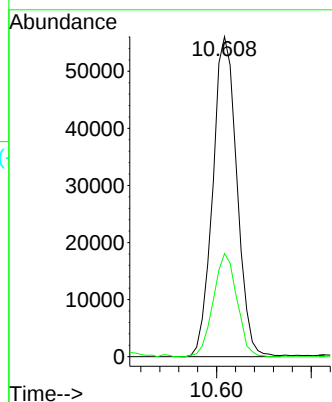
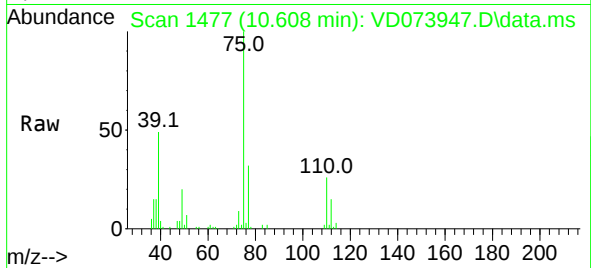




#53
t-1,3-Dichloropropene
Concen: 45.524 ug/l
RT: 10.608 min Scan# 1477
Delta R.T. 0.000 min
Lab File: VD073947.D
Acq: 03 Aug 2022 18:32

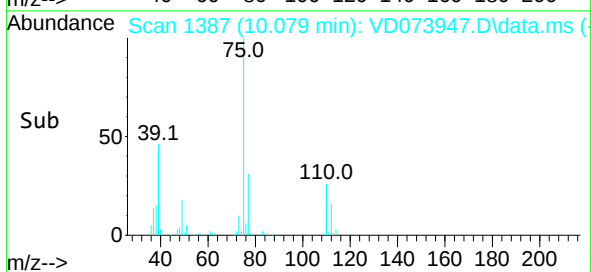
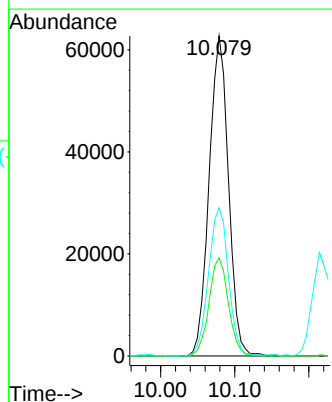
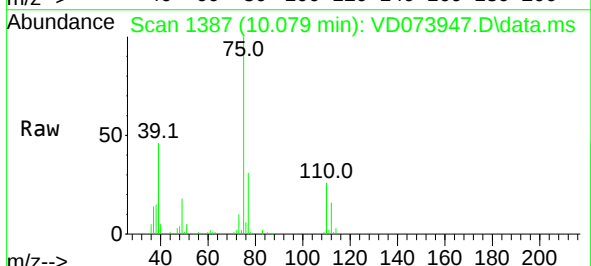
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

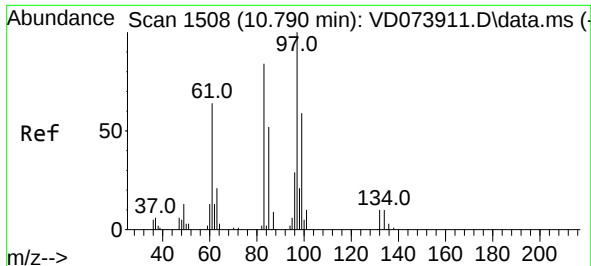
Tgt Ion: 75 Resp: 99123
Ion Ratio Lower Upper
75 100
77 32.2 26.6 39.8



#54
cis-1,3-Dichloropropene
Concen: 46.153 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VD073947.D
Acq: 03 Aug 2022 18:32

Tgt Ion: 75 Resp: 113770
Ion Ratio Lower Upper
75 100
77 30.7 26.0 39.0
39 46.3 37.8 56.6

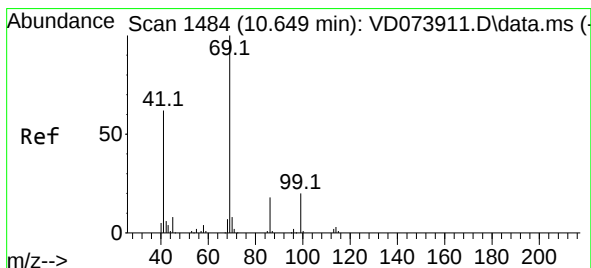
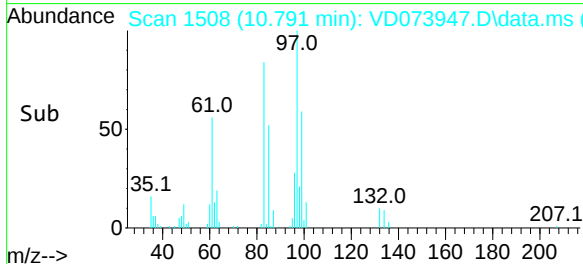
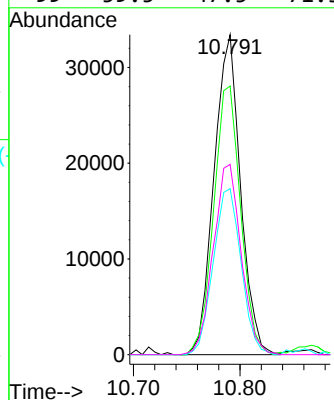
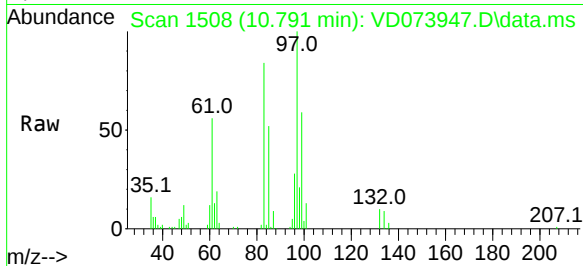




#55
1,1,2-Trichloroethane
Concen: 46.979 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VD073947.D
Acq: 03 Aug 2022 18:32

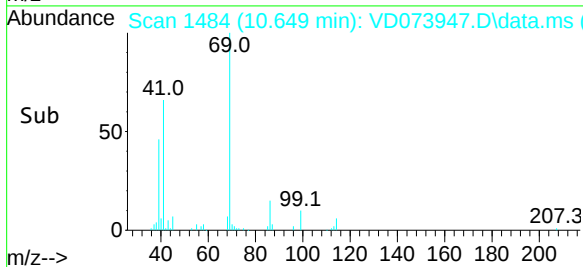
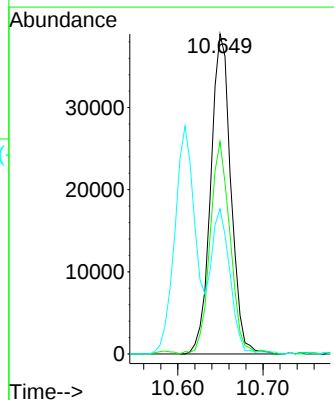
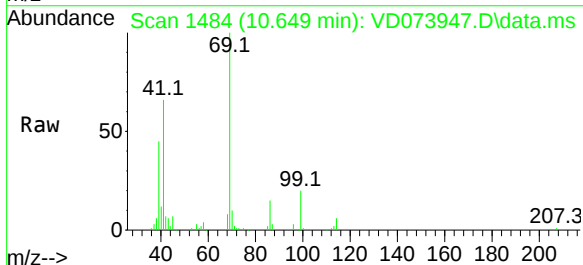
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

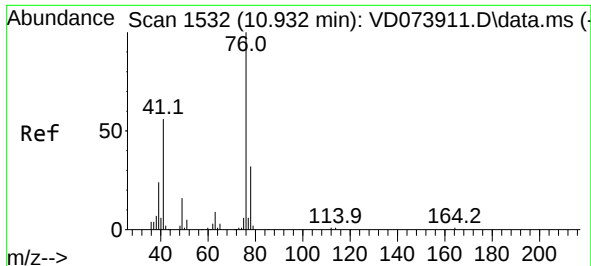
Tgt Ion: 97	Resp: 57698
Ion Ratio	Lower Upper
97 100	
83 84.0	67.0 100.4
85 51.9	41.8 62.6
99 59.5	47.5 71.3



#56
Ethyl methacrylate
Concen: 45.820 ug/l
RT: 10.649 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VD073947.D
Acq: 03 Aug 2022 18:32

Tgt Ion: 69	Resp: 64072
Ion Ratio	Lower Upper
69 100	
41 66.1	51.9 77.9
39 42.1	32.1 48.1





#57

1,3-Dichloropropane

Concen: 46.247 ug/l

RT: 10.932 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD073947.D

Acq: 03 Aug 2022 18:32

Instrument :

MSVOA_D

ClientSampleId :

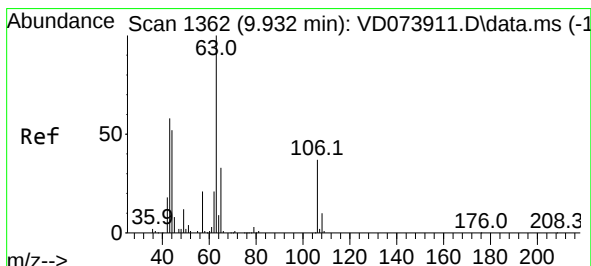
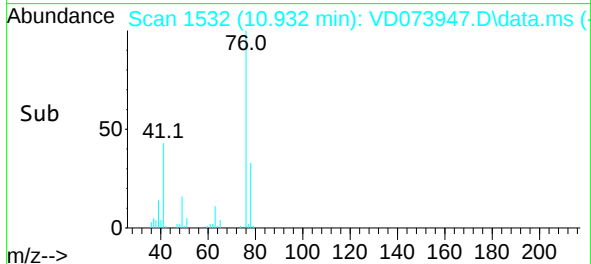
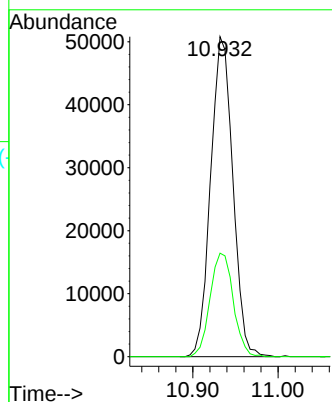
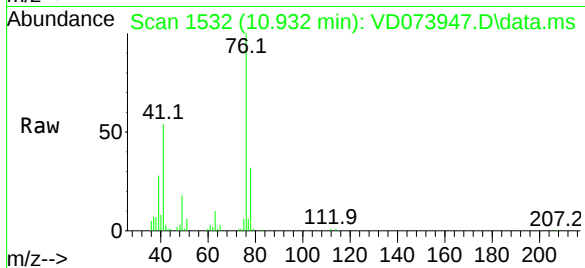
VSTDCCC050EC

Tgt Ion: 76 Resp: 91925

Ion Ratio Lower Upper

76 100

78 33.7 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 274.202 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VD073947.D

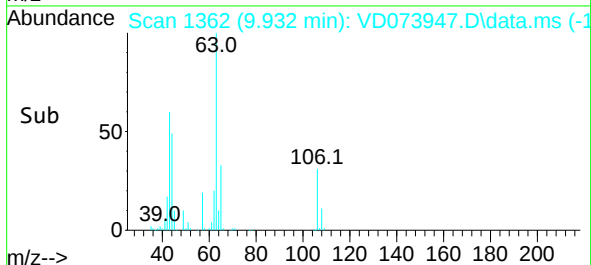
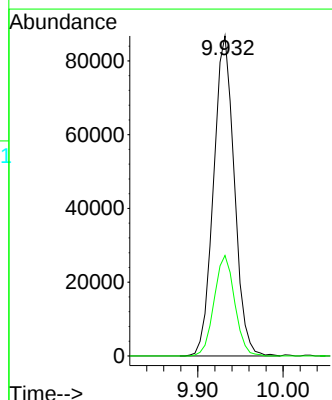
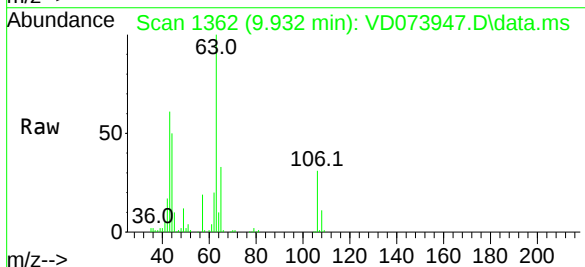
Acq: 03 Aug 2022 18:32

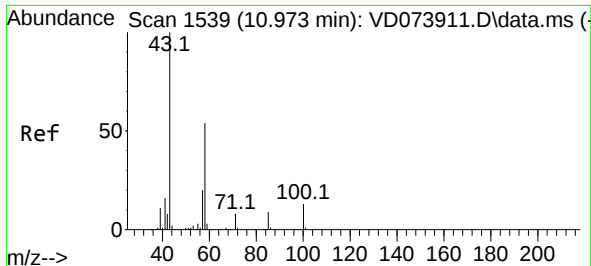
Tgt Ion: 63 Resp: 146733

Ion Ratio Lower Upper

63 100

106 31.0 26.3 39.5

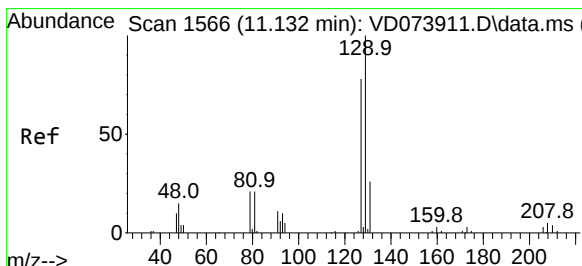
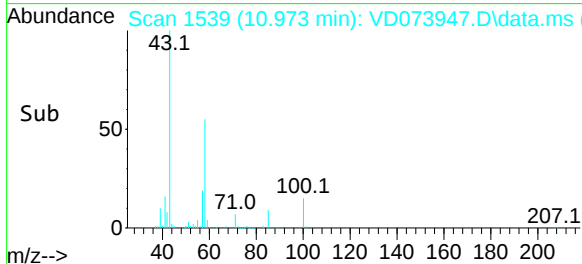
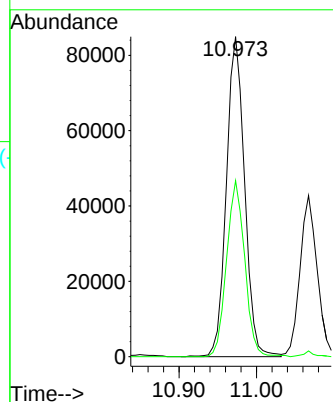
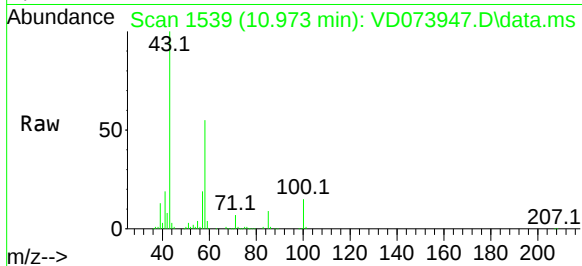




#59
2-Hexanone
Concen: 247.848 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VD073947.D
Acq: 03 Aug 2022 18:32

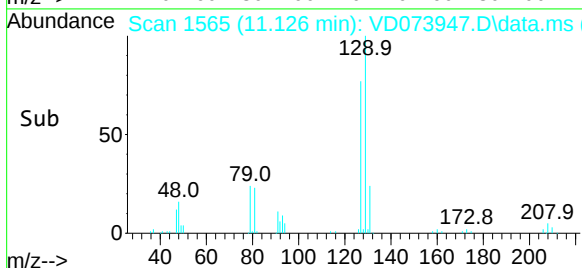
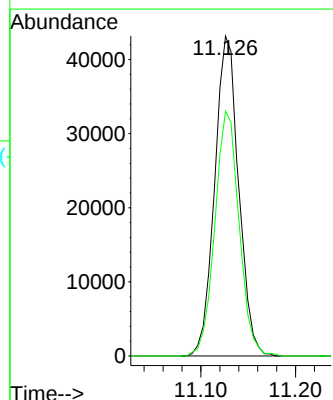
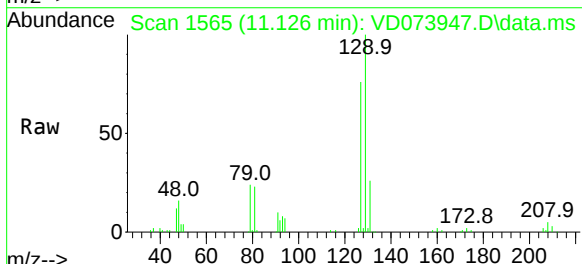
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

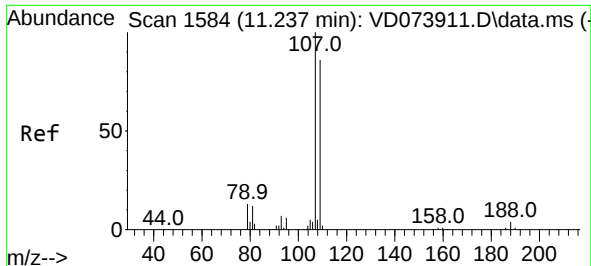
Tgt Ion: 43 Resp: 138851
Ion Ratio Lower Upper
43 100
58 54.8 27.8 83.4



#60
Dibromochloromethane
Concen: 45.869 ug/l
RT: 11.126 min Scan# 1565
Delta R.T. -0.006 min
Lab File: VD073947.D
Acq: 03 Aug 2022 18:32

Tgt Ion: 129 Resp: 76008
Ion Ratio Lower Upper
129 100
127 77.3 39.4 118.2

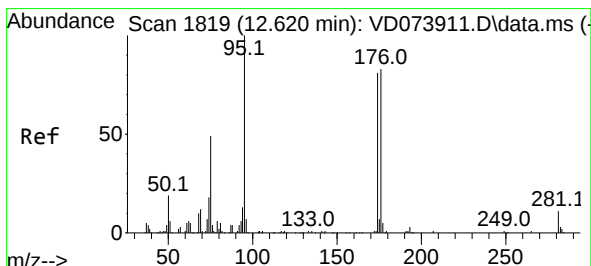
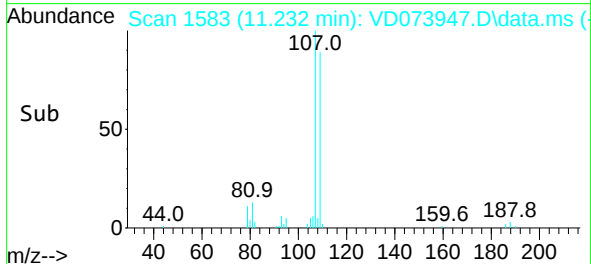
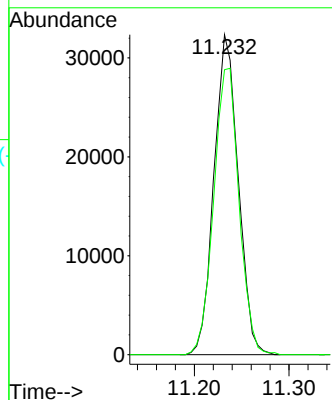
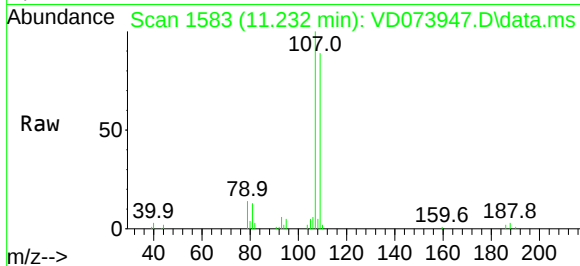




#61
1,2-Dibromoethane
Concen: 46.223 ug/l
RT: 11.232 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD073947.D
Acq: 03 Aug 2022 18:32

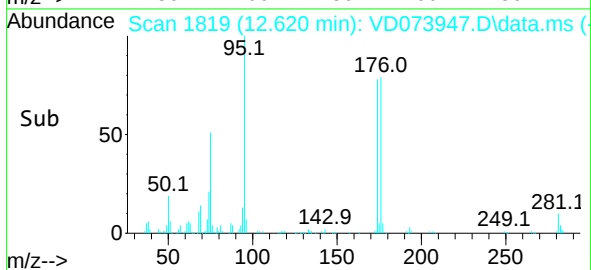
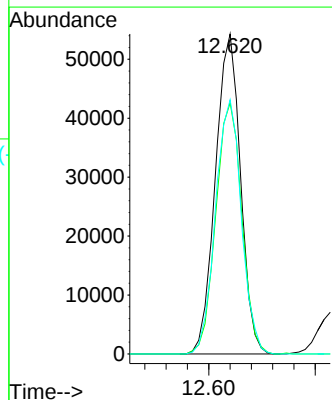
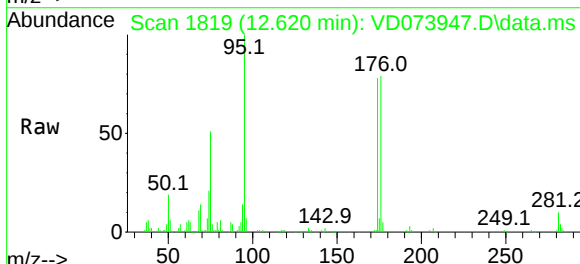
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

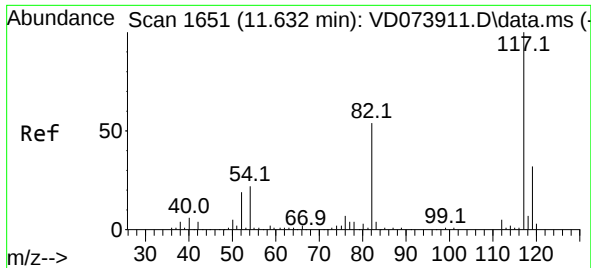
Tgt Ion:107 Resp: 57541
Ion Ratio Lower Upper
107 100
109 93.6 73.8 110.8



#62
4-Bromofluorobenzene
Concen: 45.333 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073947.D
Acq: 03 Aug 2022 18:32

Tgt Ion: 95 Resp: 88653
Ion Ratio Lower Upper
95 100
174 81.1 0.0 164.2
176 81.8 0.0 161.4

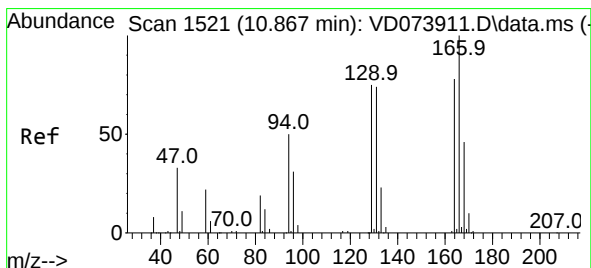
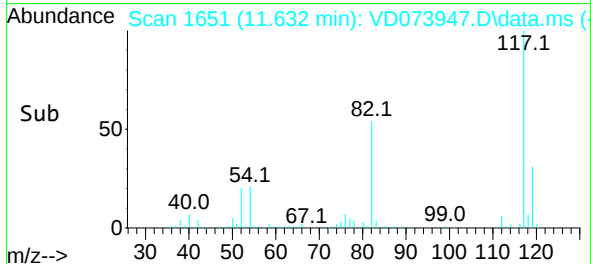
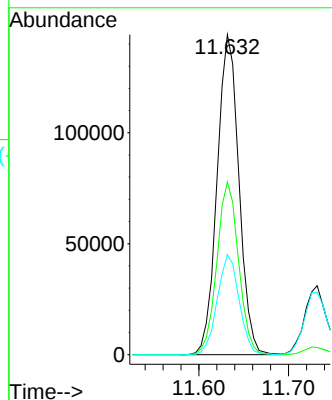
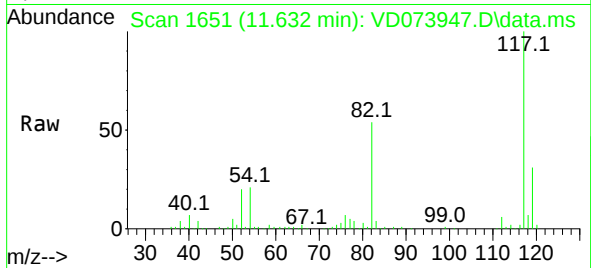




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD073947.D
Acq: 03 Aug 2022 18:32

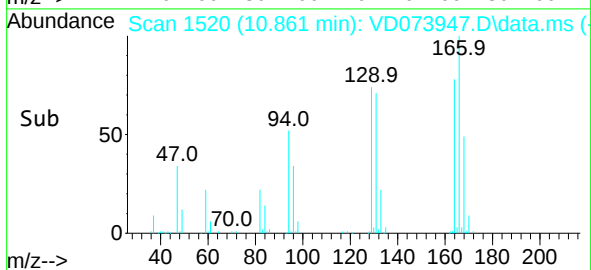
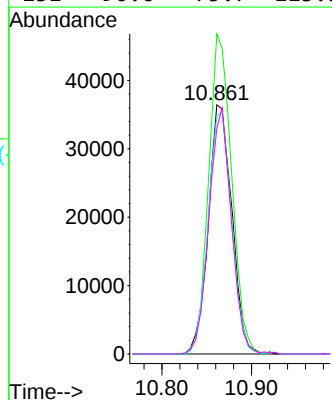
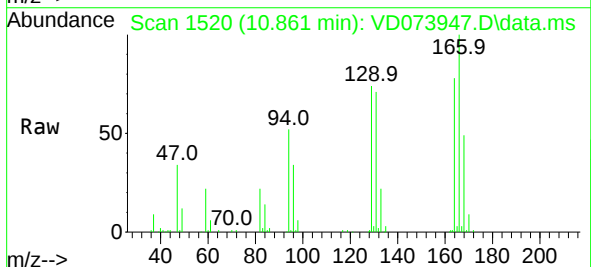
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

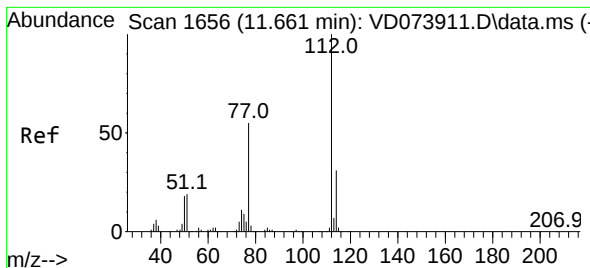
Tgt Ion:117 Resp: 243881
Ion Ratio Lower Upper
117 100
82 54.0 43.3 64.9
119 31.2 25.8 38.8



#64
Tetrachloroethene
Concen: 38.279 ug/l
RT: 10.861 min Scan# 1520
Delta R.T. -0.006 min
Lab File: VD073947.D
Acq: 03 Aug 2022 18:32

Tgt Ion:164 Resp: 66438
Ion Ratio Lower Upper
164 100
166 128.4 102.3 153.5
129 95.5 76.6 115.0
131 90.6 75.7 113.5

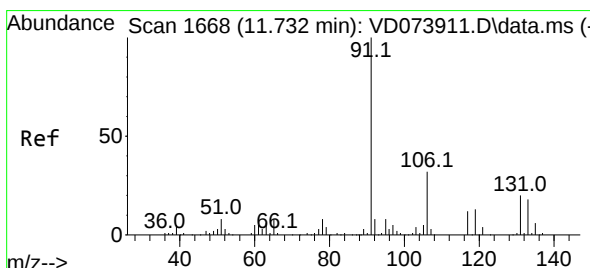
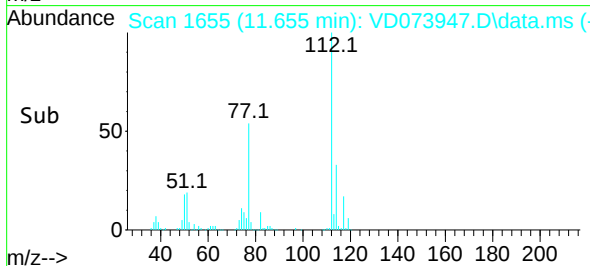
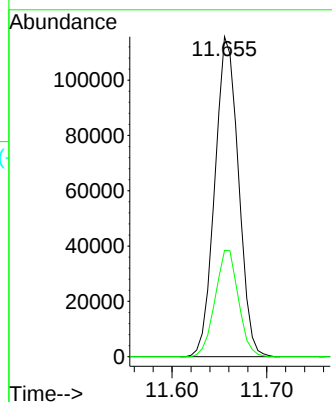
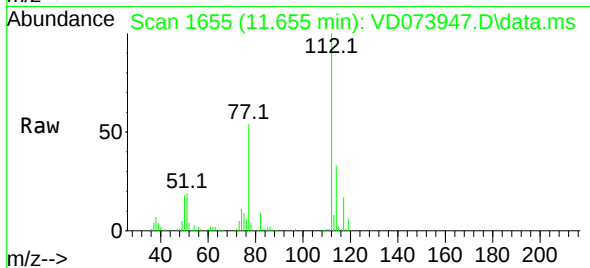




#65
Chlorobenzene
Concen: 41.549 ug/l
RT: 11.655 min Scan# 1655
Delta R.T. -0.006 min
Lab File: VD073947.D
Acq: 03 Aug 2022 18:32

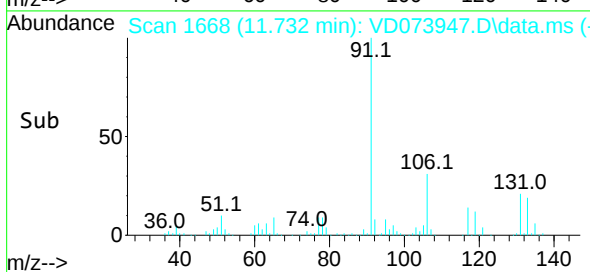
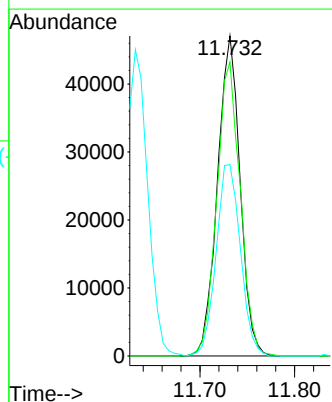
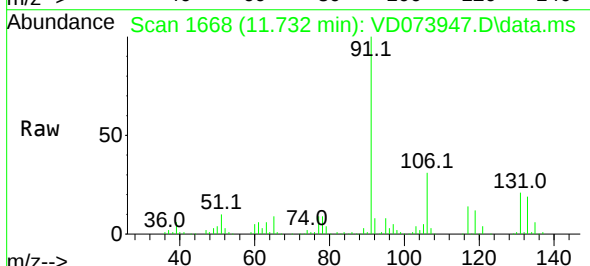
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

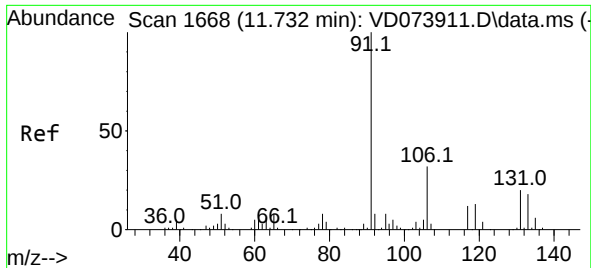
Tgt Ion:112 Resp: 200880
Ion Ratio Lower Upper
112 100
114 33.2 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 42.235 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. 0.000 min
Lab File: VD073947.D
Acq: 03 Aug 2022 18:32

Tgt Ion:131 Resp: 78219
Ion Ratio Lower Upper
131 100
133 95.1 46.3 138.9
119 64.3 31.4 94.2

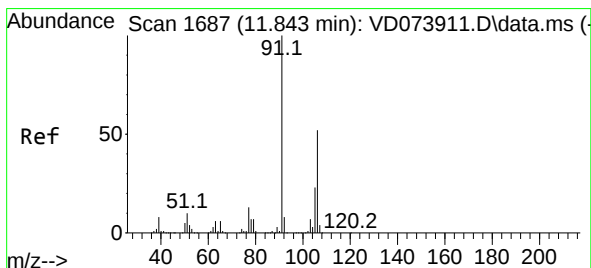
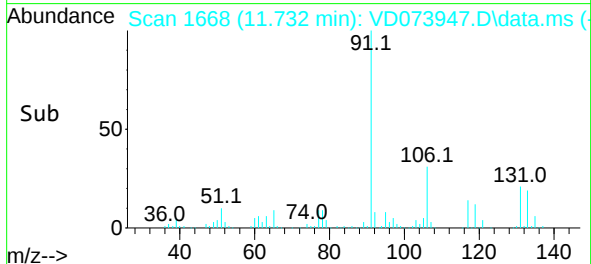
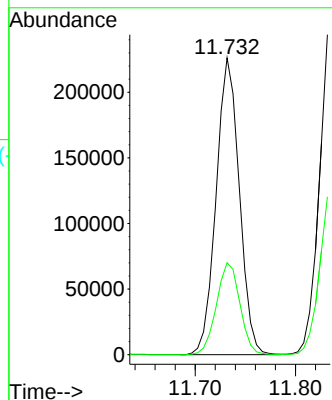
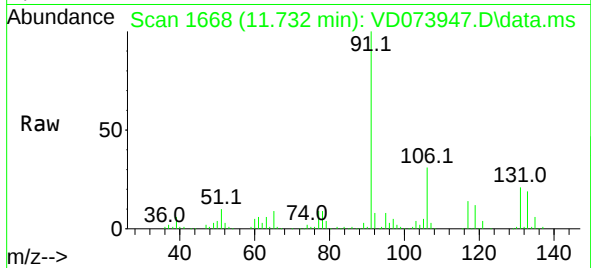




#67
Ethyl Benzene
Concen: 42.526 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. 0.000 min
Lab File: VD073947.D
Acq: 03 Aug 2022 18:32

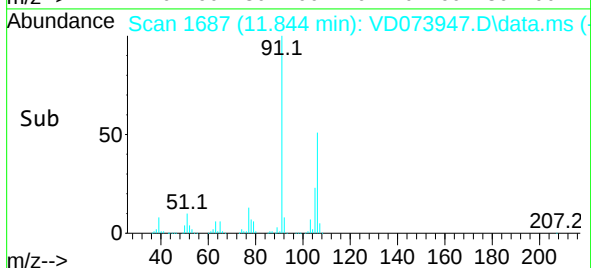
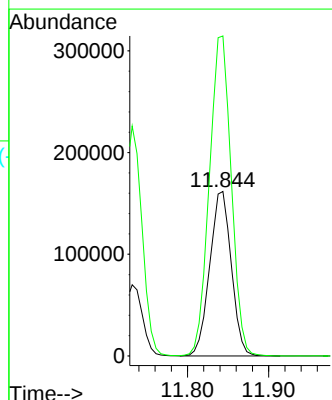
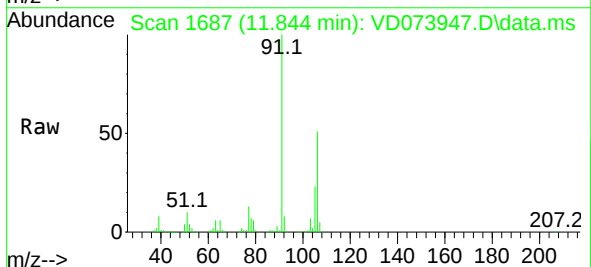
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

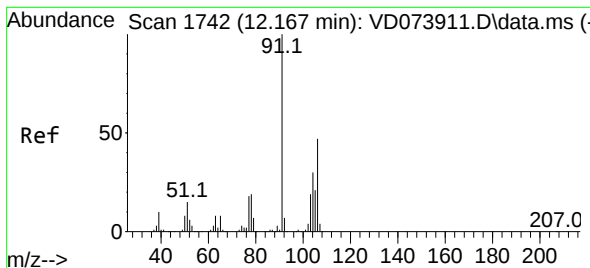
Tgt Ion: 91 Resp: 363144
Ion Ratio Lower Upper
91 100
106 31.0 25.8 38.6



#68
m/p-Xylenes
Concen: 88.216 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VD073947.D
Acq: 03 Aug 2022 18:32

Tgt Ion: 106 Resp: 298629
Ion Ratio Lower Upper
106 100
91 197.7 156.6 234.8





#69

o-Xylene

Concen: 42.745 ug/l

RT: 12.167 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD073947.D

Acq: 03 Aug 2022 18:32

Instrument :

MSVOA_D

ClientSampleId :

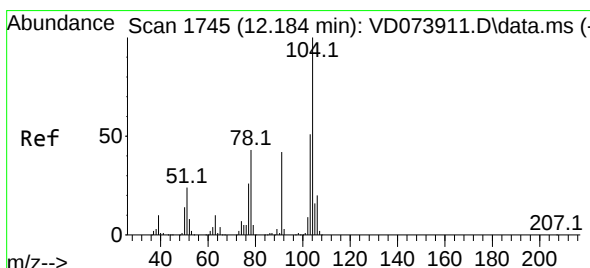
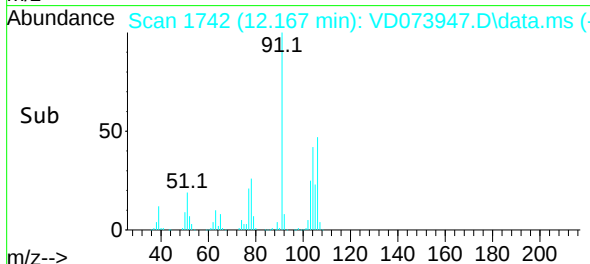
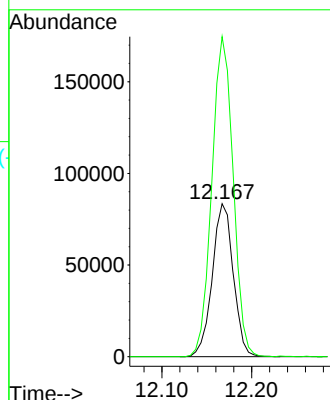
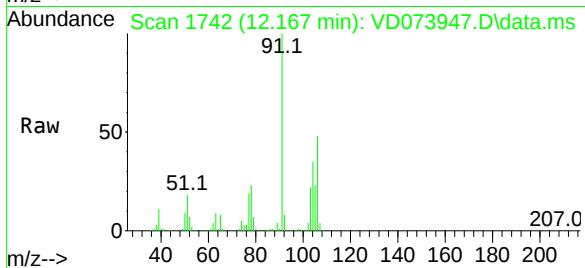
VSTDCCC050EC

Tgt Ion:106 Resp: 135525

Ion Ratio Lower Upper

106 100

91 212.0 106.1 318.1



#70

Styrene

Concen: 45.059 ug/l

RT: 12.179 min Scan# 1744

Delta R.T. -0.006 min

Lab File: VD073947.D

Acq: 03 Aug 2022 18:32

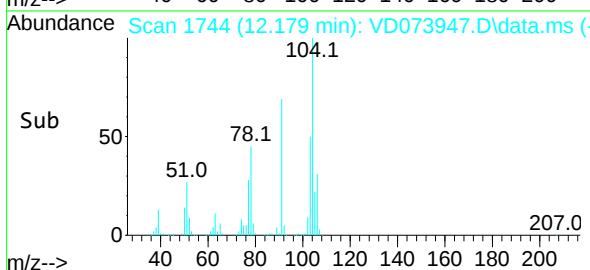
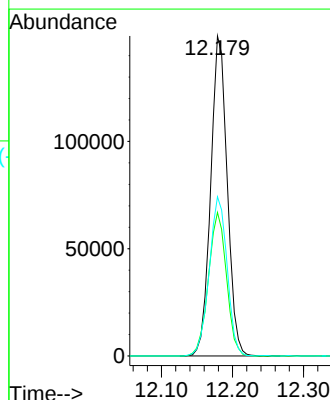
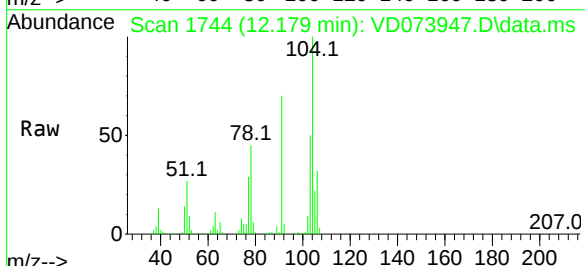
Tgt Ion:104 Resp: 241297

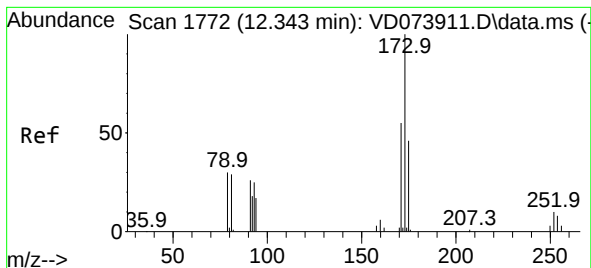
Ion Ratio Lower Upper

104 100

78 48.8 39.0 58.4

103 53.8 43.8 65.6





#71

Bromoform

Concen: 46.020 ug/l

RT: 12.349 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD073947.D

Acq: 03 Aug 2022 18:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

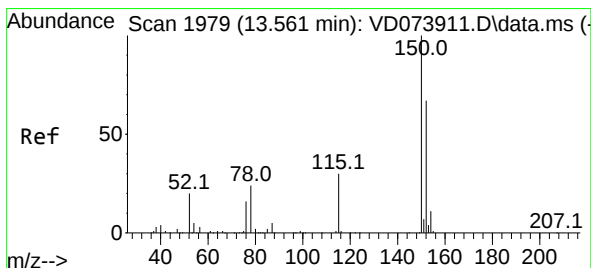
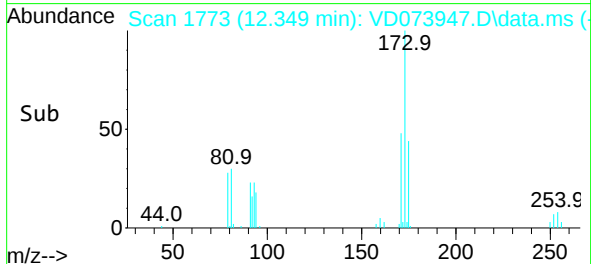
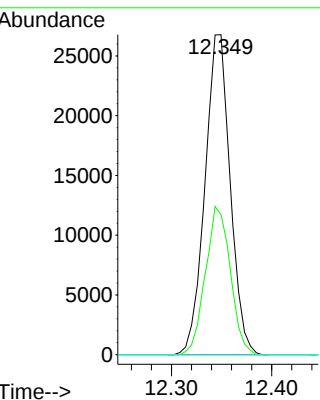
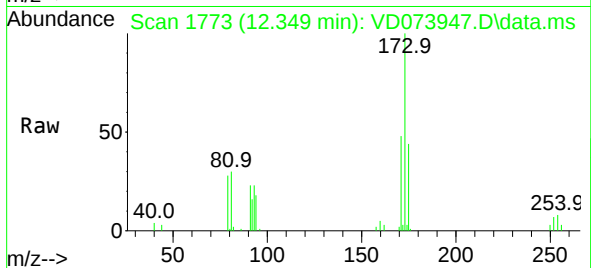
Tgt Ion:173 Resp: 46810

Ion Ratio Lower Upper

173 100

175 45.7 23.5 70.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.555 min Scan# 1978

Delta R.T. -0.006 min

Lab File: VD073947.D

Acq: 03 Aug 2022 18:32

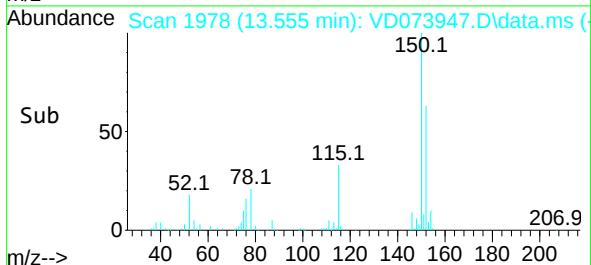
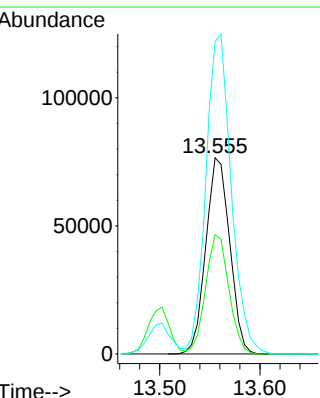
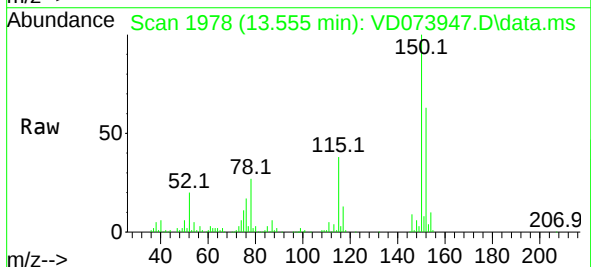
Tgt Ion:152 Resp: 126947

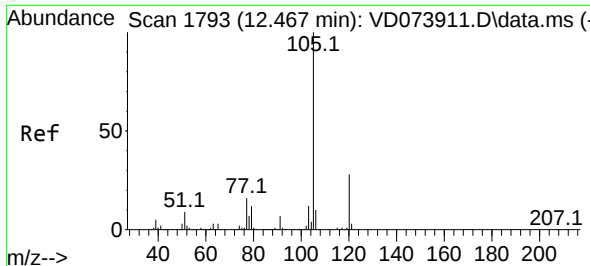
Ion Ratio Lower Upper

152 100

115 59.2 29.1 87.3

150 172.7 0.0 338.2

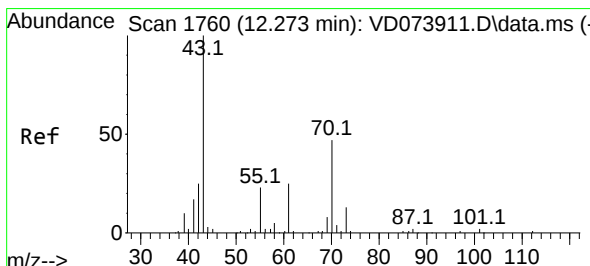
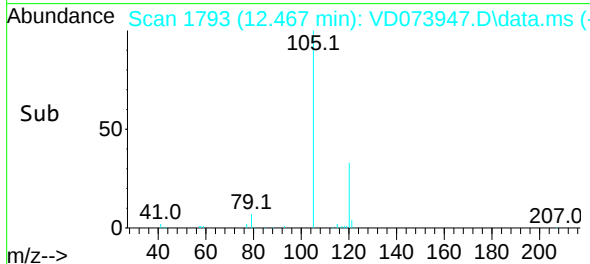
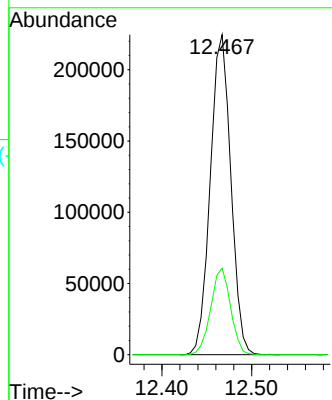
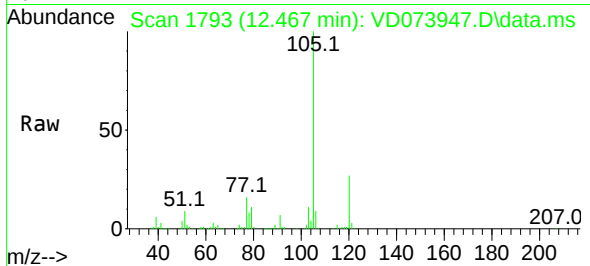




#73
Isopropylbenzene
Concen: 40.793 ug/l
RT: 12.467 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073947.D
Acq: 03 Aug 2022 18:32

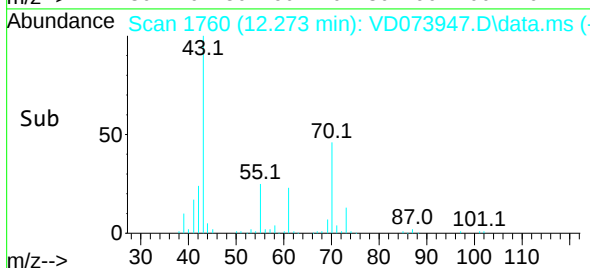
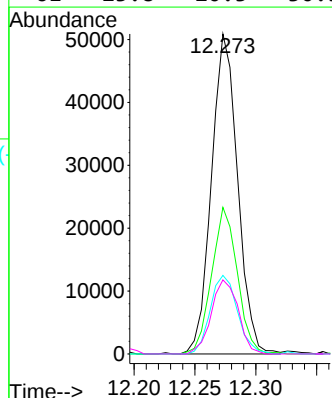
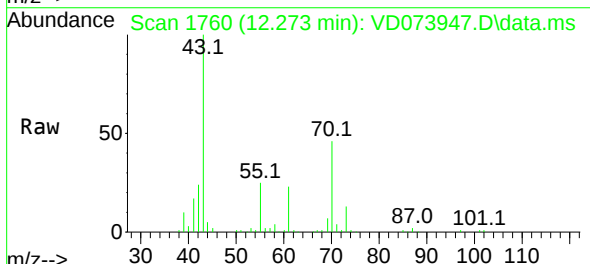
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

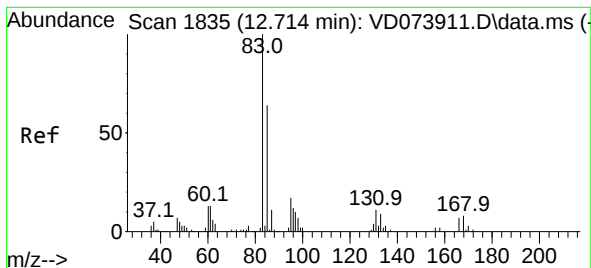
Tgt Ion:105 Resp: 357071
Ion Ratio Lower Upper
105 100
120 26.1 13.7 41.0



#74
N-ethyl acetate
Concen: 43.466 ug/l
RT: 12.273 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VD073947.D
Acq: 03 Aug 2022 18:32

Tgt Ion: 43 Resp: 76189
Ion Ratio Lower Upper
43 100
70 45.0 37.1 55.7
55 25.6 19.5 29.3
61 23.8 20.3 30.5

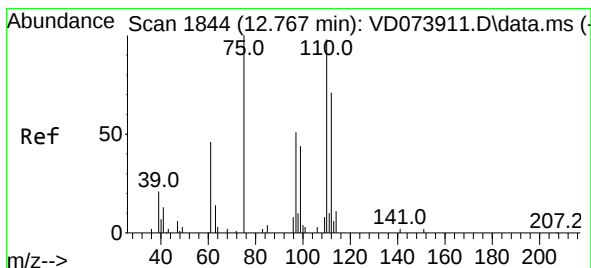
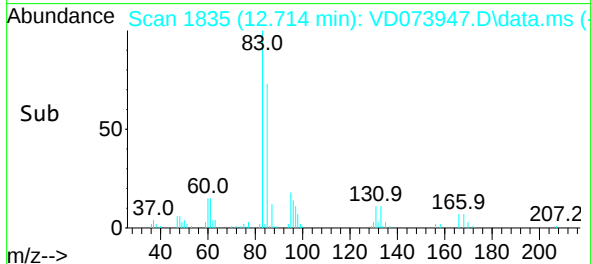
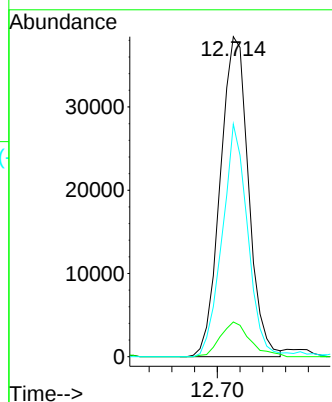
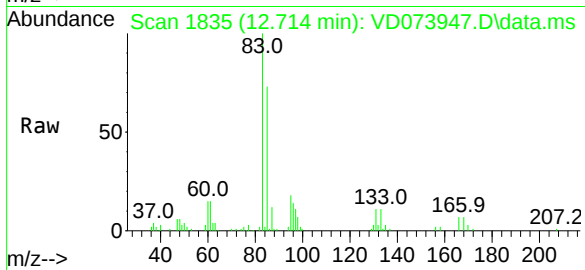




#75
 1,1,2-Tetrachloroethane
 Concen: 44.508 ug/l
 RT: 12.714 min Scan# 1835
 Delta R.T. 0.000 min
 Lab File: VD073947.D
 Acq: 03 Aug 2022 18:32

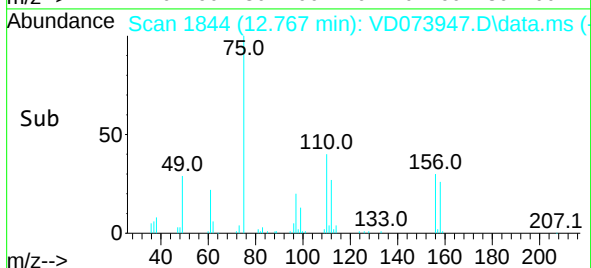
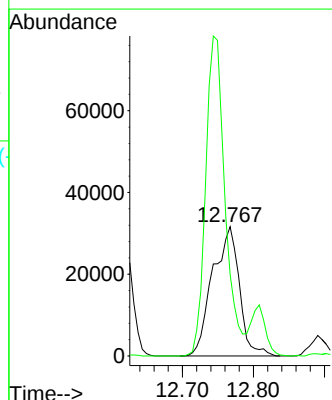
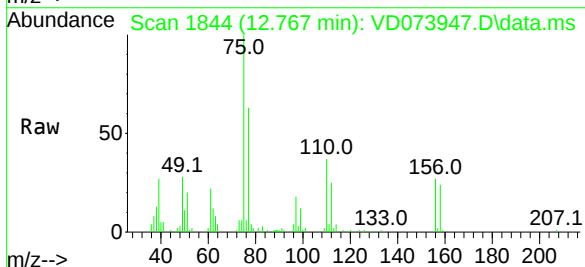
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

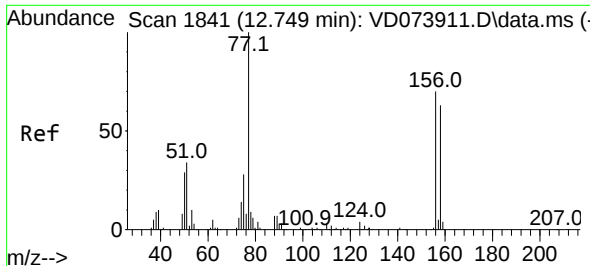
Tgt Ion: 83 Resp: 66366
 Ion Ratio Lower Upper
 83 100
 131 11.4 5.9 17.6
 85 65.8 33.4 100.1



#76
 1,2,3-Trichloropropane
 Concen: 88.649 ug/l
 RT: 12.767 min Scan# 1844
 Delta R.T. 0.000 min
 Lab File: VD073947.D
 Acq: 03 Aug 2022 18:32

Tgt Ion: 75 Resp: 82733
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

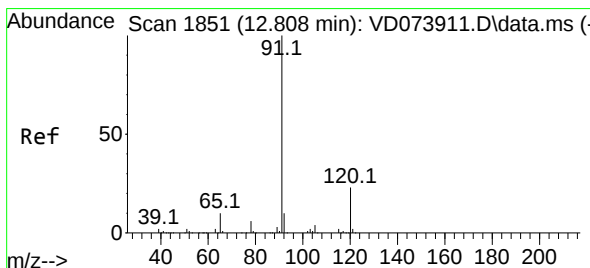
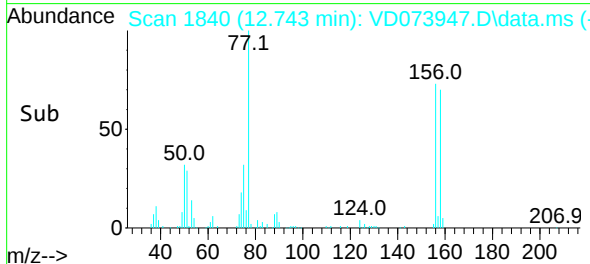
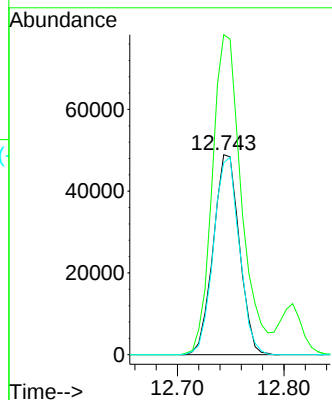
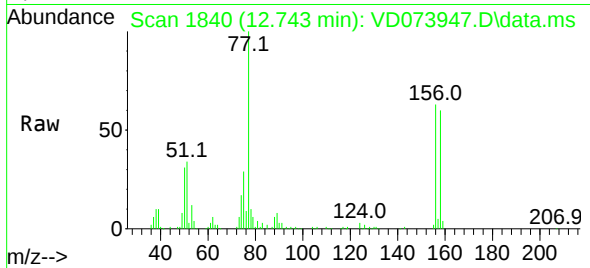




#77
Bromobenzene
Concen: 40.367 ug/l
RT: 12.743 min Scan# 1840
Delta R.T. -0.006 min
Lab File: VD073947.D
Acq: 03 Aug 2022 18:32

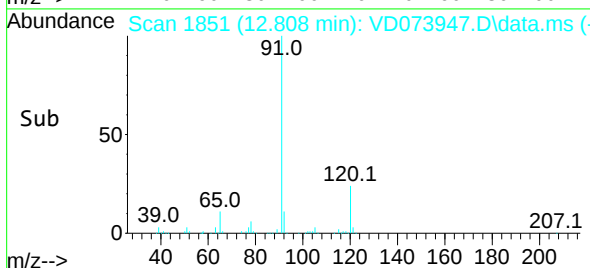
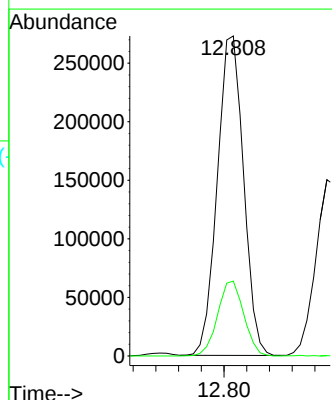
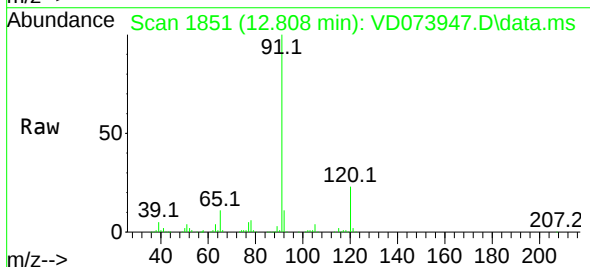
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

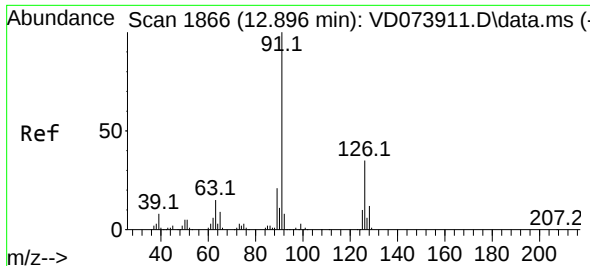
Tgt Ion:156 Resp: 83177
Ion Ratio Lower Upper
156 100
77 177.9 84.4 253.1
158 97.7 48.4 145.3



#78
n-propylbenzene
Concen: 41.135 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD073947.D
Acq: 03 Aug 2022 18:32

Tgt Ion: 91 Resp: 437875
Ion Ratio Lower Upper
91 100
120 23.3 11.9 35.7

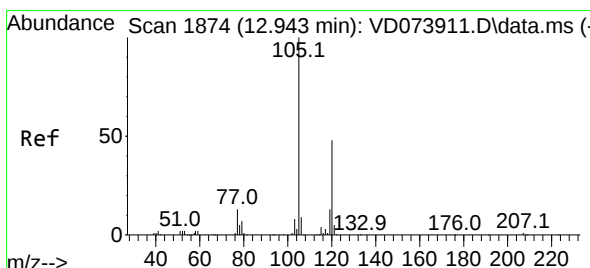
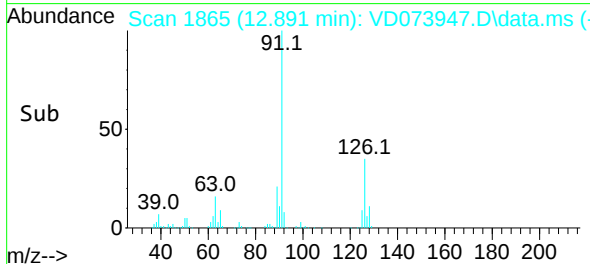
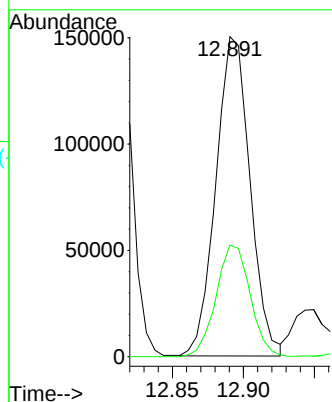
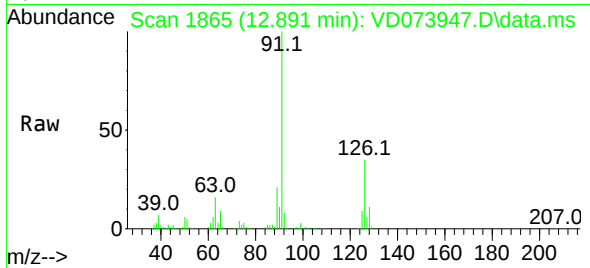




#79
2-Chlorotoluene
Concen: 41.263 ug/l
RT: 12.891 min Scan# 1865
Delta R.T. -0.006 min
Lab File: VD073947.D
Acq: 03 Aug 2022 18:32

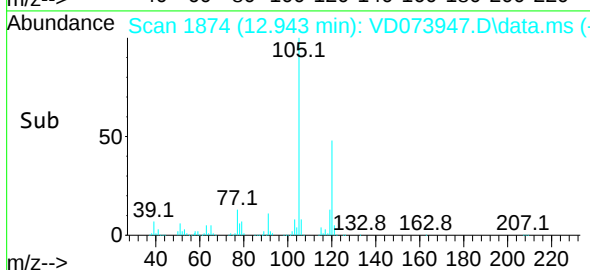
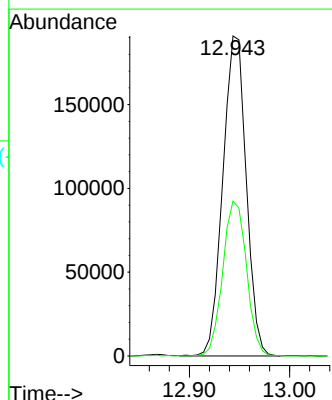
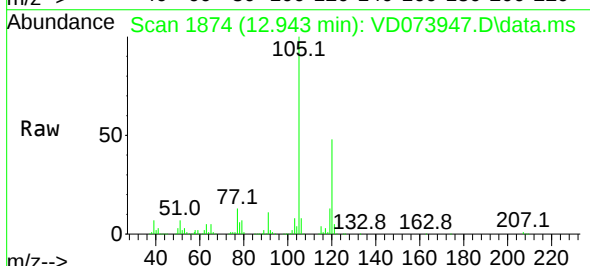
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

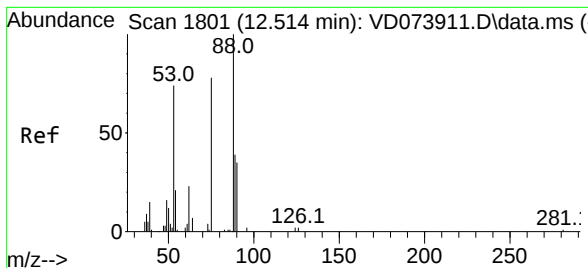
Tgt Ion: 91 Resp: 251265
Ion Ratio Lower Upper
91 100
126 34.9 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 41.655 ug/l
RT: 12.943 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VD073947.D
Acq: 03 Aug 2022 18:32

Tgt Ion: 105 Resp: 309767
Ion Ratio Lower Upper
105 100
120 49.1 24.9 74.6

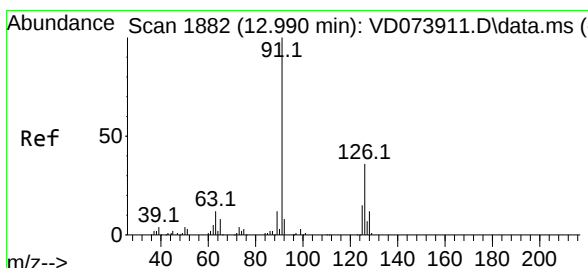
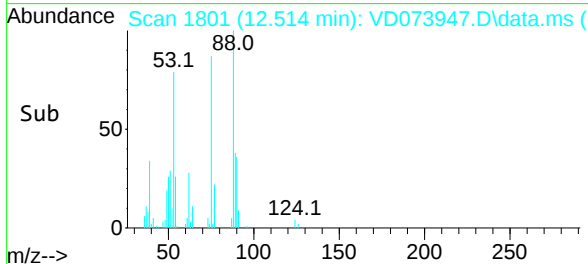
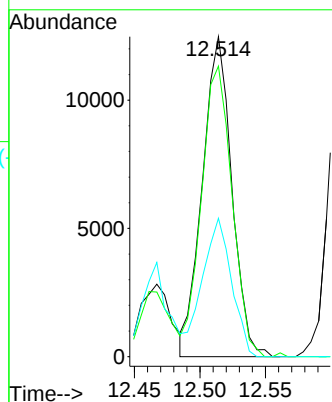
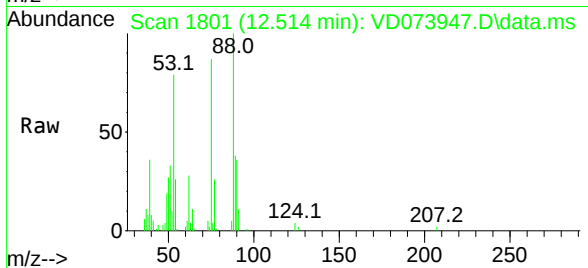




#81
trans-1,4-Dichloro-2-butene
Concen: 44.081 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. 0.000 min
Lab File: VD073947.D
Acq: 03 Aug 2022 18:32

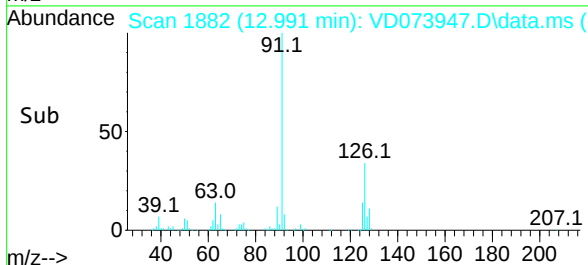
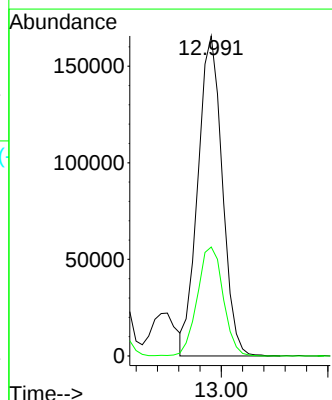
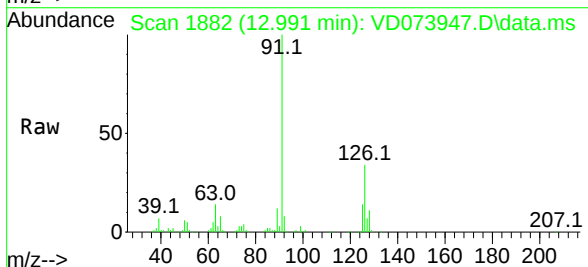
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

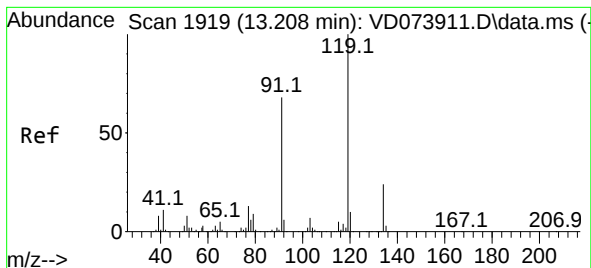
Tgt Ion: 75 Resp: 19505
Ion Ratio Lower Upper
75 100
53 94.3 71.6 107.4
89 43.5 39.8 59.6



#82
4-Chlorotoluene
Concen: 41.283 ug/l
RT: 12.991 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VD073947.D
Acq: 03 Aug 2022 18:32

Tgt Ion: 91 Resp: 263511
Ion Ratio Lower Upper
91 100
126 36.2 17.5 52.5





#83

tert-Butylbenzene

Concen: 41.207 ug/l

RT: 13.208 min Scan# 1919

Delta R.T. 0.000 min

Lab File: VD073947.D

Acq: 03 Aug 2022 18:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

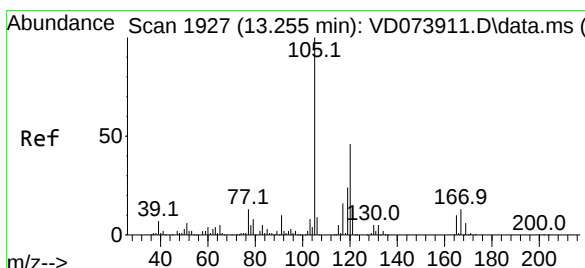
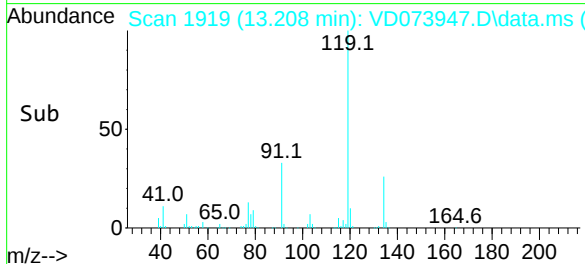
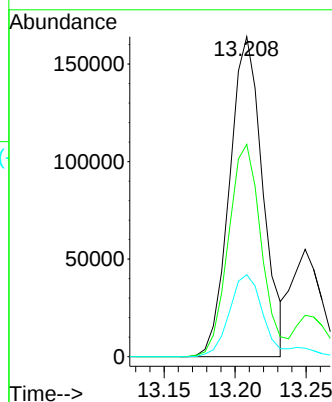
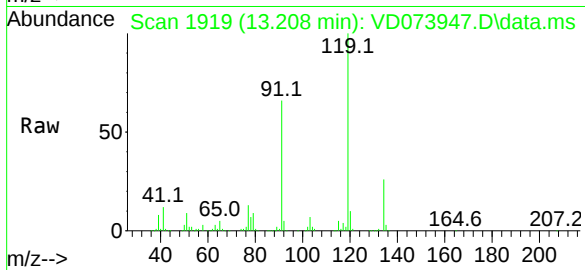
Tgt Ion:119 Resp: 266812

Ion Ratio Lower Upper

119 100

91 66.3 33.2 99.6

134 25.8 13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 42.904 ug/l

RT: 13.255 min Scan# 1927

Delta R.T. 0.000 min

Lab File: VD073947.D

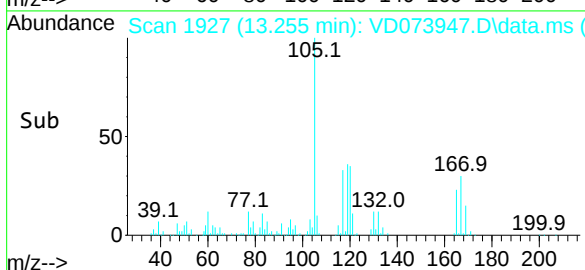
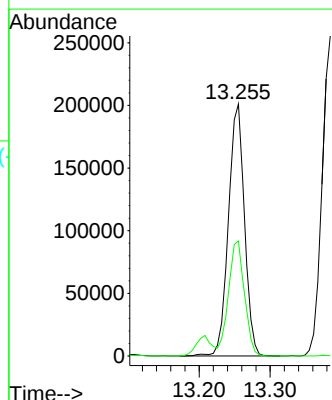
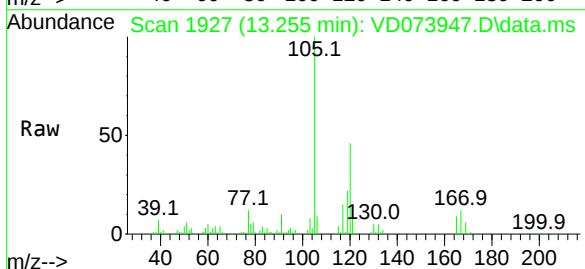
Acq: 03 Aug 2022 18:32

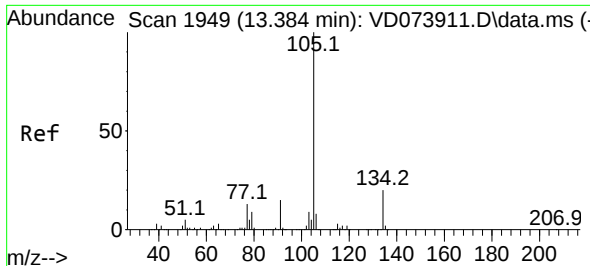
Tgt Ion:105 Resp: 315192

Ion Ratio Lower Upper

105 100

120 45.2 22.8 68.4

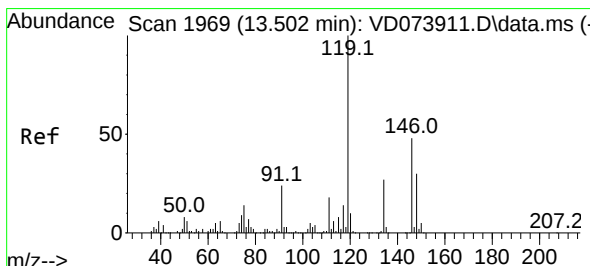
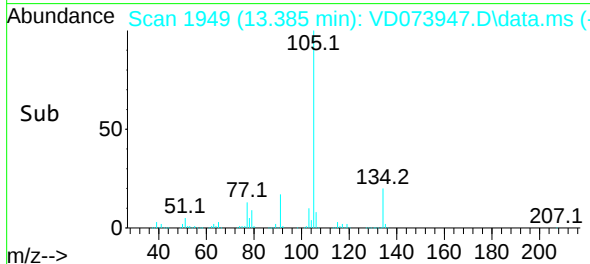
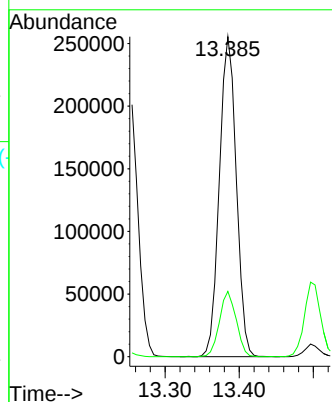
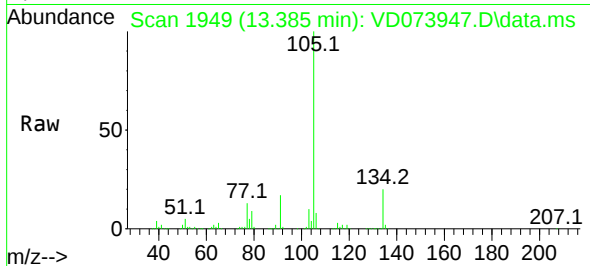




#85
 sec-Butylbenzene
 Concen: 41.309 ug/l
 RT: 13.385 min Scan# 1949
 Delta R.T. 0.000 min
 Lab File: VD073947.D
 Acq: 03 Aug 2022 18:32

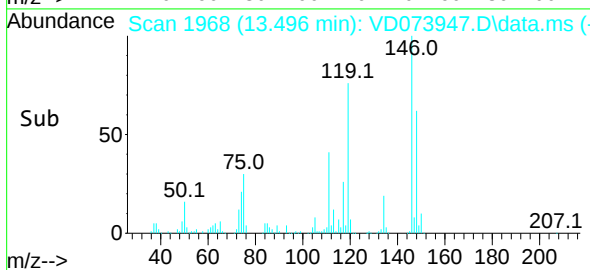
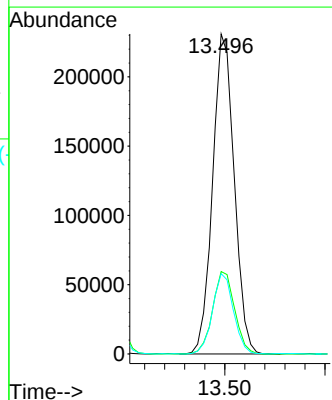
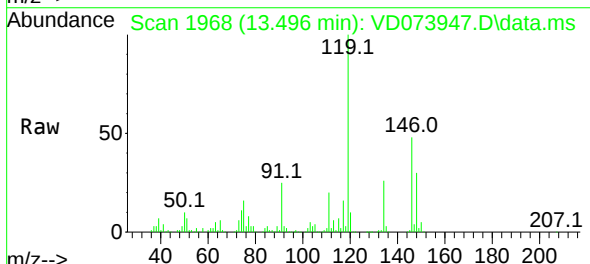
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

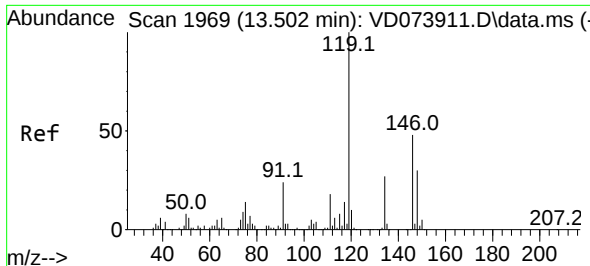
Tgt Ion:105 Resp: 404720
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 41.819 ug/l
 RT: 13.496 min Scan# 1968
 Delta R.T. -0.006 min
 Lab File: VD073947.D
 Acq: 03 Aug 2022 18:32

Tgt Ion:119 Resp: 344157
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.2 39.6
 91 24.4 12.0 36.0

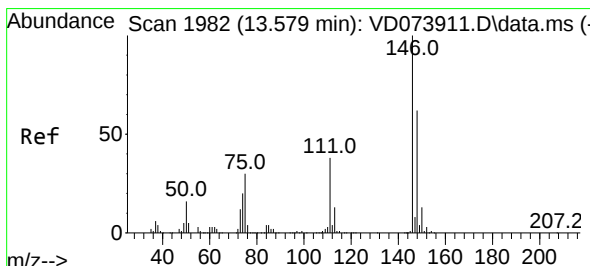
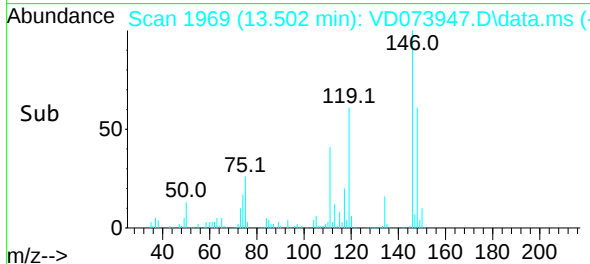
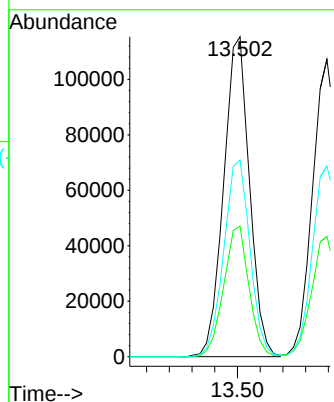
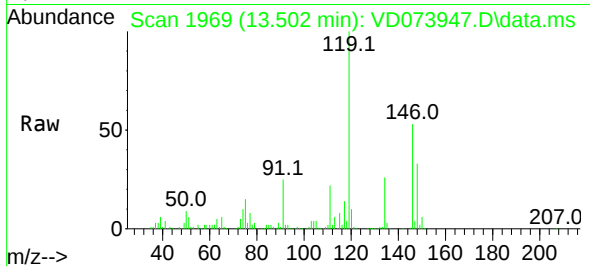




#87
 1,3-Dichlorobenzene
 Concen: 42.380 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD073947.D
 Acq: 03 Aug 2022 18:32

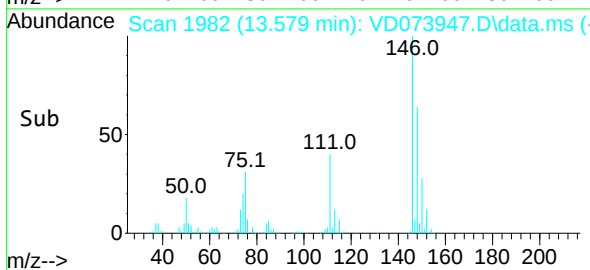
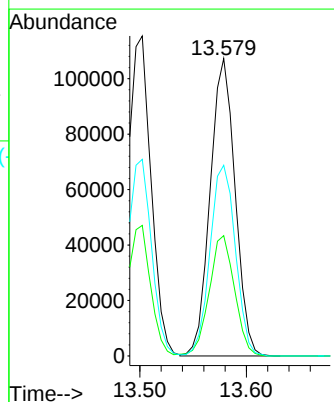
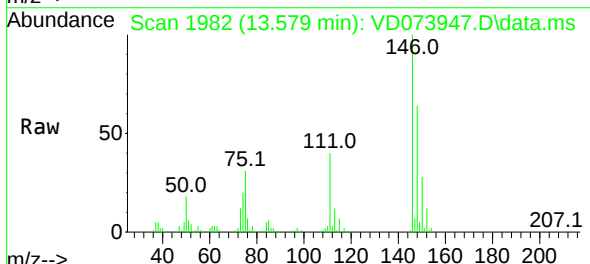
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

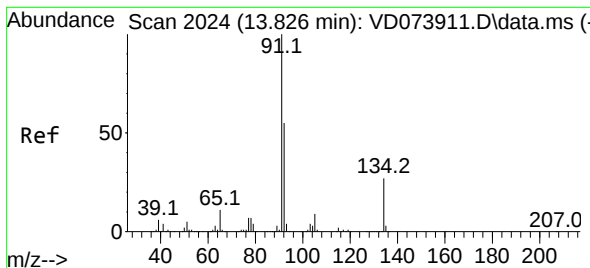
Tgt Ion:146 Resp: 182360
 Ion Ratio Lower Upper
 146 100
 111 40.0 19.9 59.6
 148 62.4 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 40.957 ug/l
 RT: 13.579 min Scan# 1982
 Delta R.T. 0.000 min
 Lab File: VD073947.D
 Acq: 03 Aug 2022 18:32

Tgt Ion:146 Resp: 174573
 Ion Ratio Lower Upper
 146 100
 111 41.0 19.4 58.4
 148 65.4 31.7 95.1





#89

n-Butylbenzene

Concen: 42.063 ug/l

RT: 13.826 min Scan# 2024

Delta R.T. 0.000 min

Lab File: VD073947.D

Acq: 03 Aug 2022 18:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

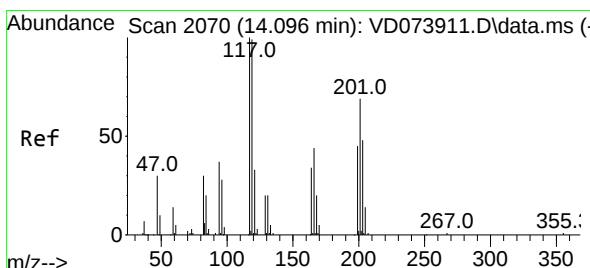
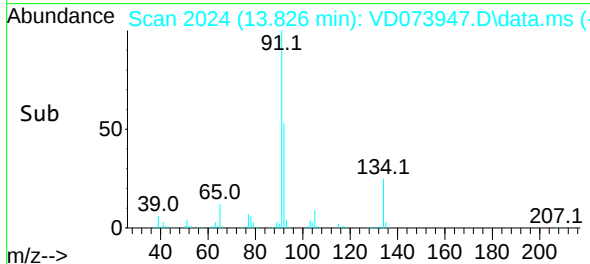
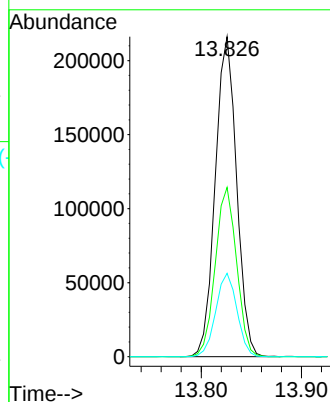
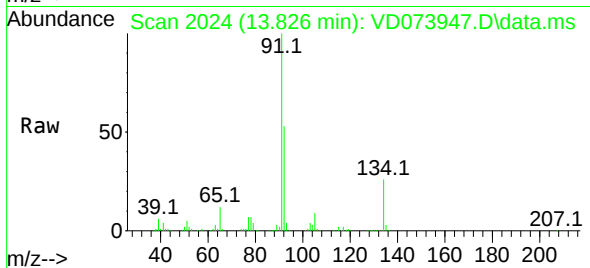
Tgt Ion: 91 Resp: 319190

Ion Ratio Lower Upper

91 100

92 52.9 26.9 80.6

134 25.9 13.6 40.7



#90

Hexachloroethane

Concen: 42.549 ug/l

RT: 14.090 min Scan# 2069

Delta R.T. -0.006 min

Lab File: VD073947.D

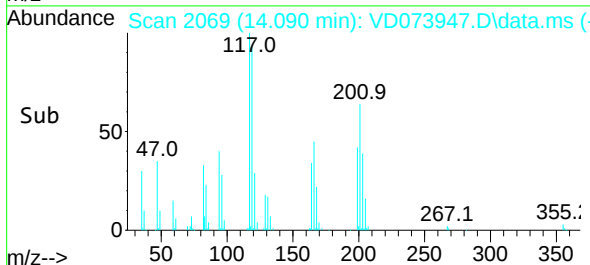
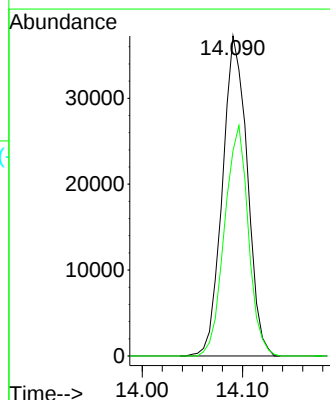
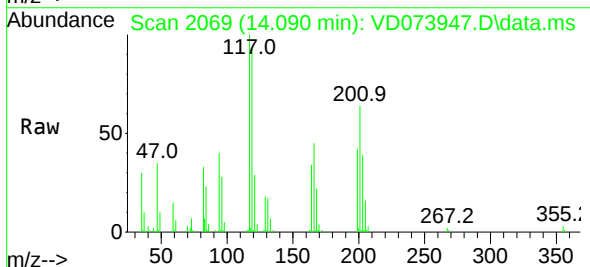
Acq: 03 Aug 2022 18:32

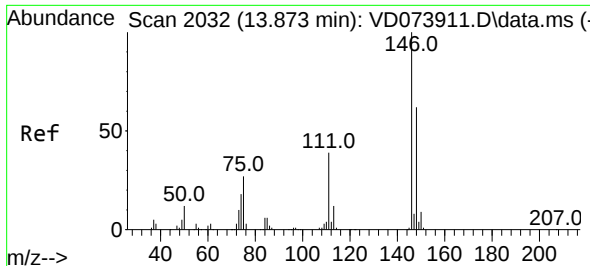
Tgt Ion: 117 Resp: 64168

Ion Ratio Lower Upper

117 100

201 68.9 34.2 102.6

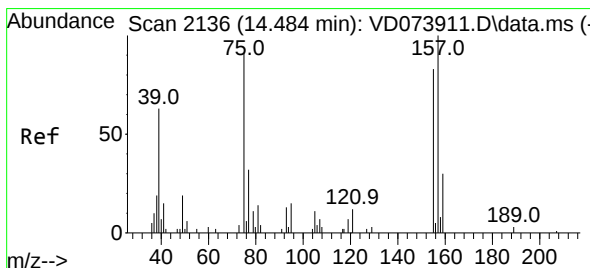
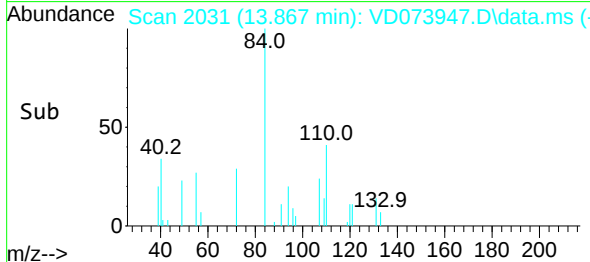
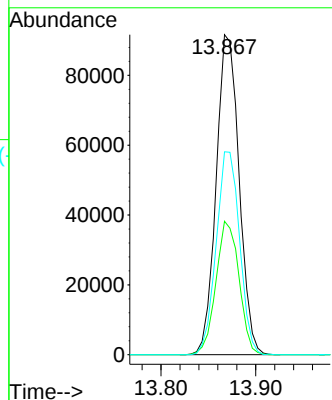
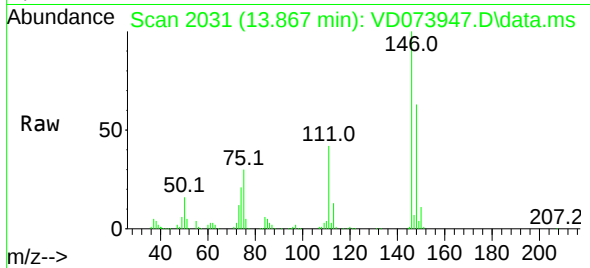




#91
1,2-Dichlorobenzene
Concen: 42.012 ug/l
RT: 13.867 min Scan# 2032
Delta R.T. -0.006 min
Lab File: VD073947.D
Acq: 03 Aug 2022 18:32

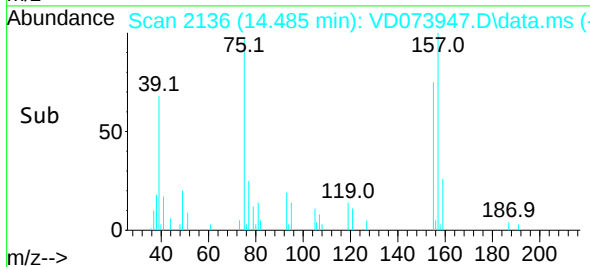
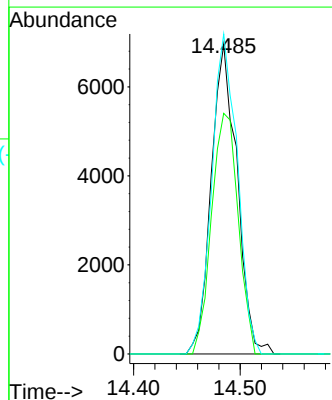
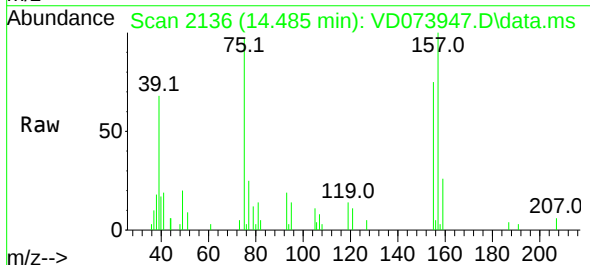
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

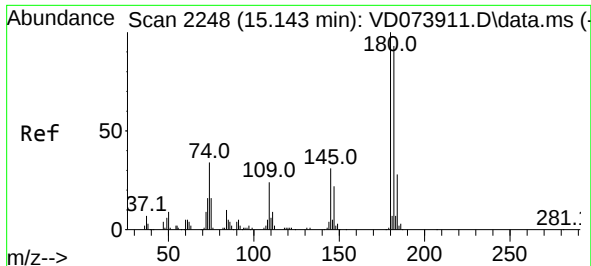
Tgt Ion:146 Resp: 154561
Ion Ratio Lower Upper
146 100
111 41.9 20.1 60.3
148 64.6 32.0 96.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.011 ug/l
RT: 14.485 min Scan# 2136
Delta R.T. 0.000 min
Lab File: VD073947.D
Acq: 03 Aug 2022 18:32

Tgt Ion: 75 Resp: 11686
Ion Ratio Lower Upper
75 100
155 79.9 46.5 139.5
157 102.7 56.5 169.5

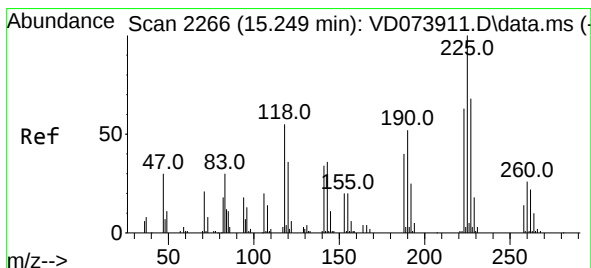
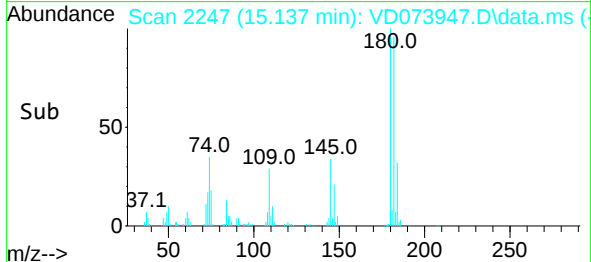
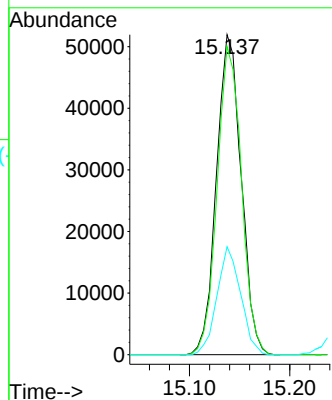
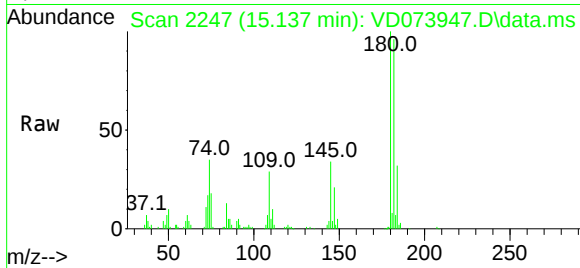




#93
1,2,4-Trichlorobenzene
Concen: 38.868 ug/l
RT: 15.137 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD073947.D
Acq: 03 Aug 2022 18:32

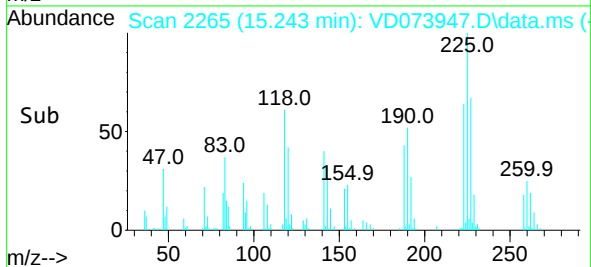
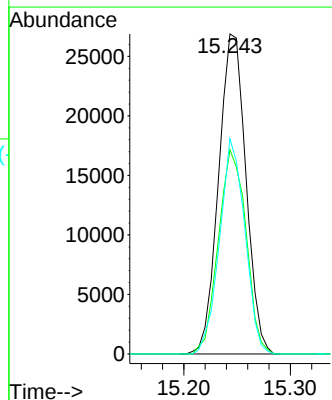
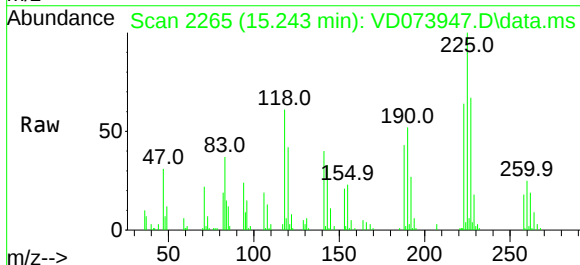
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

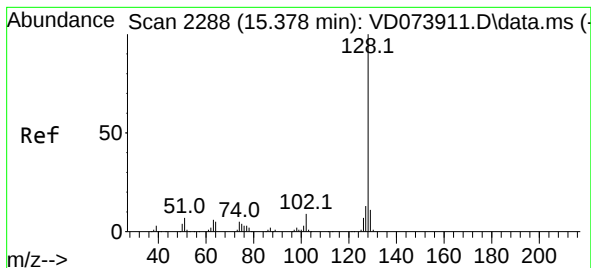
Tgt Ion:180 Resp: 88919
Ion Ratio Lower Upper
180 100
182 94.8 47.6 142.8
145 32.3 16.1 48.3



#94
Hexachlorobutadiene
Concen: 38.520 ug/l
RT: 15.243 min Scan# 2265
Delta R.T. -0.006 min
Lab File: VD073947.D
Acq: 03 Aug 2022 18:32

Tgt Ion:225 Resp: 47877
Ion Ratio Lower Upper
225 100
223 64.5 31.3 93.8
227 62.2 32.3 96.9

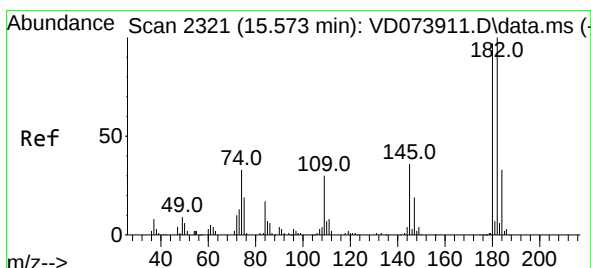
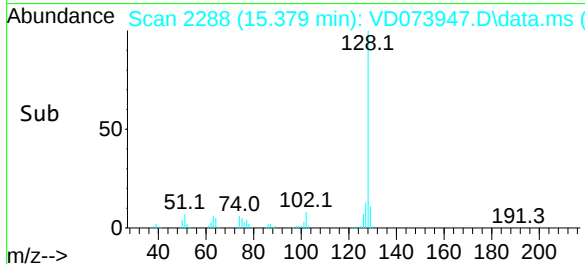
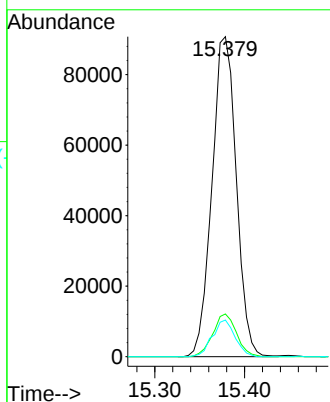
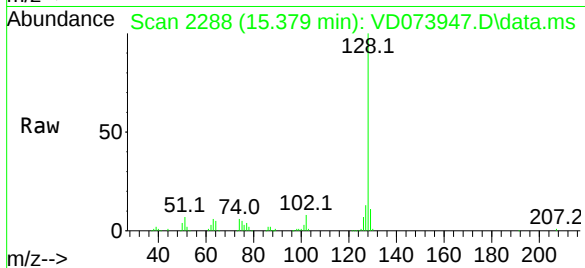




#95
Naphthalene
Concen: 40.885 ug/l
RT: 15.379 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD073947.D
Acq: 03 Aug 2022 18:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 170839
Ion Ratio Lower Upper
128 100
127 13.0 11.0 16.4
129 10.7 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 40.197 ug/l
RT: 15.573 min Scan# 2321
Delta R.T. 0.000 min
Lab File: VD073947.D
Acq: 03 Aug 2022 18:32

Tgt Ion:180 Resp: 79489
Ion Ratio Lower Upper
180 100
182 94.0 48.7 146.1
145 33.5 17.2 51.5

