

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082322\
 Data File : VD074185.D
 Acq On : 23 Aug 2022 12:37
 Operator : VA/SY
 Sample : VSTDICC150
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC150

Quant Time: Aug 23 13:04:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 23 12:44:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	181952	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	286112	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	259677	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	125248	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	229517	133.503	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 267.000%#	
35) Dibromofluoromethane	7.908	113	251506	135.267	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 270.540%#	
50) Toluene-d8	10.332	98	796357	137.936	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 275.880%#	
62) 4-Bromofluorobenzene	12.620	95	331149	142.020	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 284.040%#	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.991	85	213305	121.372	ug/l	98
3) Chloromethane	2.209	50	168058	86.605	ug/l	99
4) Vinyl Chloride	2.344	62	178270	71.347	ug/l	100
5) Bromomethane	2.738	94	112348	56.568	ug/l	97
6) Chloroethane	2.903	64	111976	53.918	ug/l	98
7) Trichlorofluoromethane	3.262	101	490997	127.412	ug/l	99
8) Diethyl Ether	3.709	74	138242	165.324	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.085	101	290025	138.374	ug/l	95
10) Methyl Iodide	4.291	142	360118	184.482	ug/l	98
11) Tert butyl alcohol	5.226	59	88169	739.958	ug/l	98
12) 1,1-Dichloroethene	4.062	96	279927	159.931	ug/l	91
13) Acrolein	3.920	56	32027	341.576	ug/l	98
14) Allyl chloride	4.709	41	437387	190.888	ug/l	94
15) Acrylonitrile	5.414	53	318820	940.299	ug/l	98
16) Acetone	4.156	43	243741	670.444	ug/l	92
17) Carbon Disulfide	4.403	76	880527	191.444	ug/l	99
18) Methyl Acetate	4.714	43	152704	165.759	ug/l #	90
19) Methyl tert-butyl Ether	5.479	73	667422	175.330	ug/l	96
20) Methylene Chloride	4.956	84	310184	112.937	ug/l	86
21) trans-1,2-Dichloroethene	5.461	96	323683	168.125	ug/l	90
22) Diisopropyl ether	6.361	45	861852	178.466	ug/l #	93
23) Vinyl Acetate	6.297	43	2492180	1002.914	ug/l #	94
24) 1,1-Dichloroethane	6.256	63	548234	165.106	ug/l	99
25) 2-Butanone	7.208	43	388568	800.359	ug/l	91
26) 2,2-Dichloropropane	7.203	77	497648	148.454	ug/l	97
27) cis-1,2-Dichloroethene	7.203	96	352924	158.116	ug/l	92
28) Bromochloromethane	7.538	49	160991	135.578	ug/l #	77
29) Tetrahydrofuran	7.555	42	256715	948.264	ug/l	90
30) Chloroform	7.703	83	568928	149.514	ug/l	100
31) Cyclohexane	7.979	56	503454	176.047	ug/l	92
32) 1,1,1-Trichloroethane	7.897	97	541913	152.206	ug/l	95
36) 1,1-Dichloropropene	8.108	75	457882	173.856	ug/l	96
37) Ethyl Acetate	7.291	43	184974	179.214	ug/l #	96
38) Carbon Tetrachloride	8.091	117	478941	160.900	ug/l	97
39) Methylcyclohexane	9.350	83	562560	191.117	ug/l	96
40) Benzene	8.344	78	1229958	165.815	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	98123	180.440	ug/l #	84
42) 1,2-Dichloroethane	8.414	62	359409	163.201	ug/l	97
43) Isopropyl Acetate	8.444	43	358593	187.530	ug/l #	93
44) Trichloroethene	9.102	130	356668	165.291	ug/l	93
45) 1,2-Dichloropropane	9.379	63	299880	167.426	ug/l	97
46) Dibromomethane	9.467	93	170341	153.323	ug/l	95
47) Bromodichloromethane	9.655	83	437872	153.425	ug/l	98
48) Methyl methacrylate	9.450	41	175267	197.110	ug/l	89
49) 1,4-Dioxane	9.455	88	40231	3657.715	ug/l	97
51) 4-Methyl-2-Pentanone	10.220	43	888910	906.541	ug/l	94
52) Toluene	10.397	92	797910	165.045	ug/l	96
53) t-1,3-Dichloropropene	10.608	75	421716	171.396	ug/l	97
54) cis-1,3-Dichloropropene	10.079	75	505685	176.147	ug/l	90
55) 1,1,2-Trichloroethane	10.791	97	221403	150.382	ug/l	98
56) Ethyl methacrylate	10.649	69	293511	189.656	ug/l	86
57) 1,3-Dichloropropane	10.932	76	387356	162.522	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	399575	725.947	ug/l	92
59) 2-Hexanone	10.973	43	603602	901.278	ug/l	95
60) Dibromochloromethane	11.126	129	299952	150.808	ug/l	97
61) 1,2-Dibromoethane	11.232	107	220838	153.053	ug/l	97
64) Tetrachloroethene	10.867	164	285382	167.189	ug/l	95
65) Chlorobenzene	11.661	112	832300	158.751	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.732	131	306101	149.561	ug/l	99
67) Ethyl Benzene	11.732	91	1507733	167.469	ug/l	97
68) m/p-Xylenes	11.844	106	1183724	327.273	ug/l	96
69) o-Xylene	12.167	106	553595	168.262	ug/l	94
70) Styrene	12.185	104	929298	162.099	ug/l	98
71) Bromoform	12.349	173	172020	162.038	ug/l #	100
73) Isopropylbenzene	12.467	105	1489258	176.308	ug/l	99
74) N-amyl acetate	12.273	43	328004	197.839	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.714	83	243425	159.095	ug/l	99
76) 1,2,3-Trichloropropane	12.767	75	317712	272.485	ug/l #	100
77) Bromobenzene	12.743	156	330187	163.523	ug/l	89
78) n-propylbenzene	12.808	91	1775192	169.923	ug/l	96
79) 2-Chlorotoluene	12.890	91	1008650	169.553	ug/l	97
80) 1,3,5-Trimethylbenzene	12.943	105	1246270	173.040	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	82489	190.602	ug/l	89
82) 4-Chlorotoluene	12.991	91	1040532	165.415	ug/l	98
83) tert-Butylbenzene	13.208	119	1073650	173.949	ug/l	97
84) 1,2,4-Trimethylbenzene	13.249	105	1210582	168.075	ug/l	98
85) sec-Butylbenzene	13.385	105	1601885	168.854	ug/l	98
86) p-Isopropyltoluene	13.496	119	1334038	168.507	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	647271	151.732	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	647397	152.150	ug/l	99
89) n-Butylbenzene	13.826	91	1268935	167.699	ug/l	98
90) Hexachloroethane	14.090	117	256726	156.135	ug/l	97
91) 1,2-Dichlorobenzene	13.873	146	571559	151.090	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.485	75	42433	163.830	ug/l	87
93) 1,2,4-Trichlorobenzene	15.137	180	372512	156.202	ug/l	100
94) Hexachlorobutadiene	15.243	225	199310	141.405	ug/l	98
95) Naphthalene	15.373	128	738785	179.906	ug/l	99
96) 1,2,3-Trichlorobenzene	15.567	180	325299	154.809	ug/l	100

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ClientSampleId :
VSTDICC150

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QLast Update : Tue Aug 23 12:44:46 2022
Response via : Initial Calibration

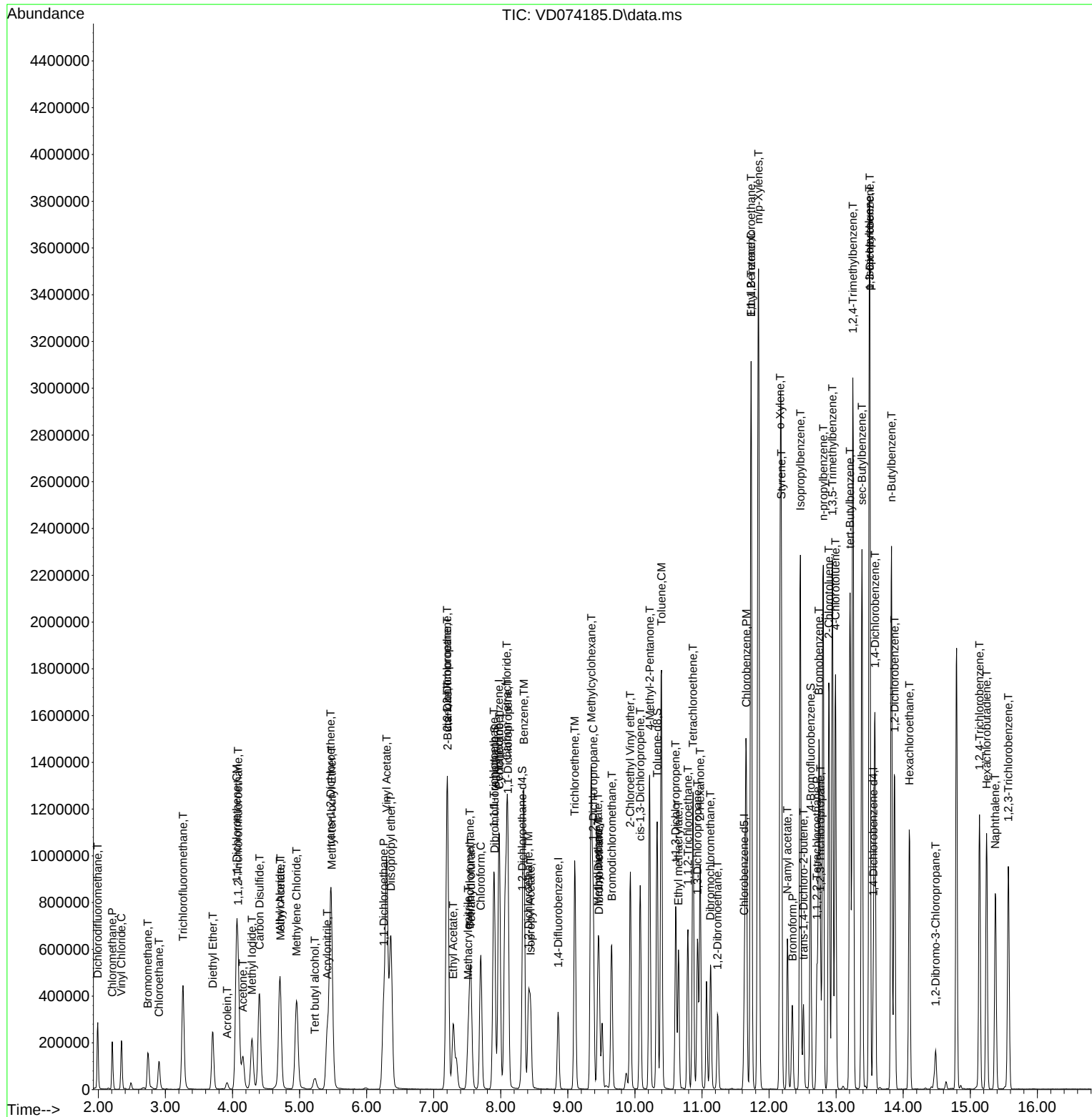
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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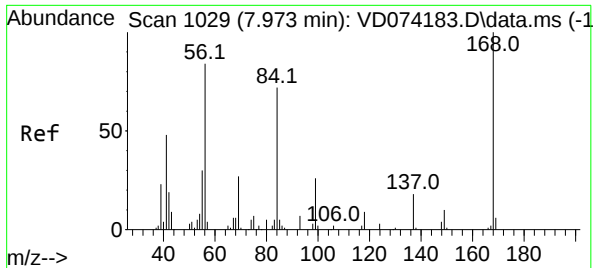
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Instrument :
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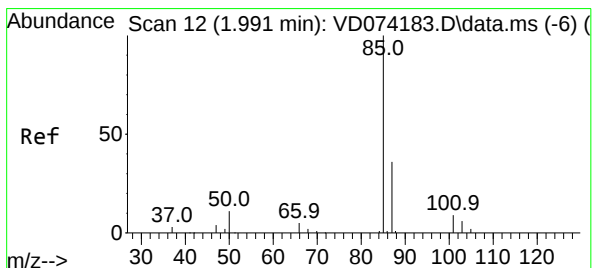
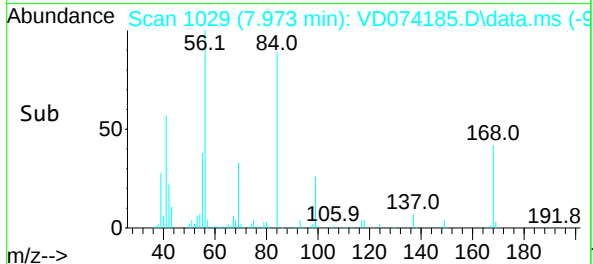
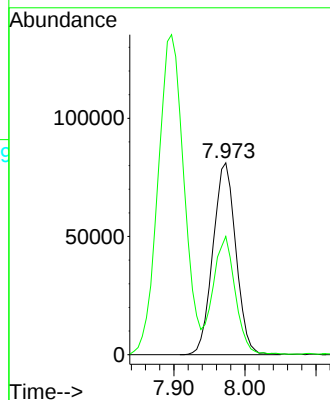
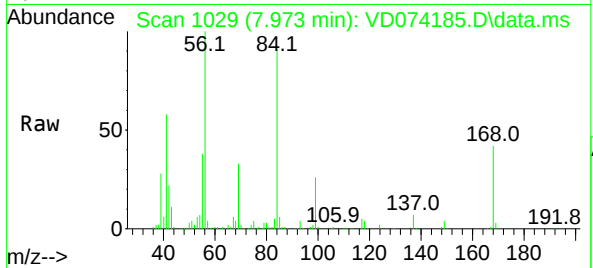




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
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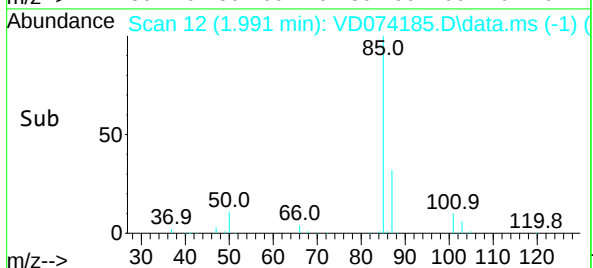
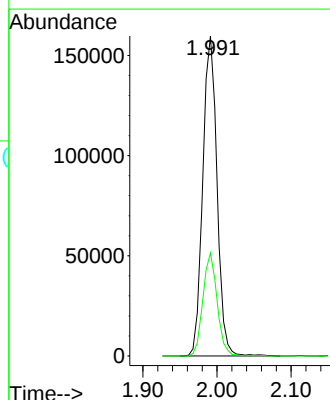
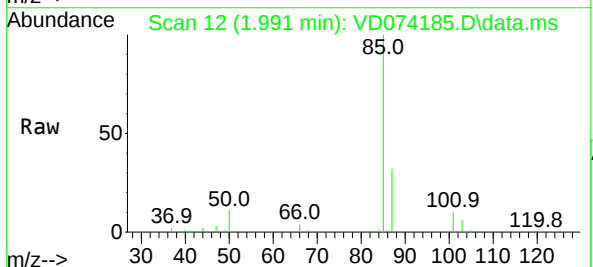
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

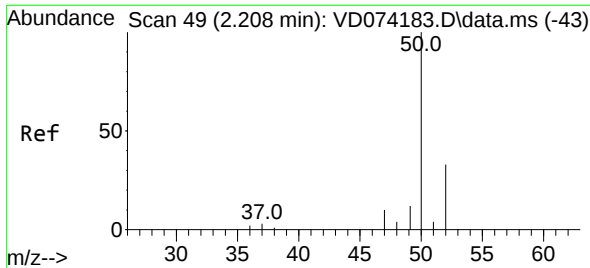
Tgt Ion:168 Resp: 181952
Ion Ratio Lower Upper
168 100
99 61.2 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 121.372 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD074185.D
Acq: 23 Aug 2022 12:37

Tgt Ion: 85 Resp: 213305
Ion Ratio Lower Upper
85 100
87 32.2 15.7 47.0

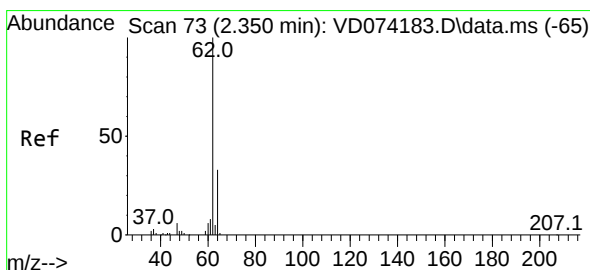
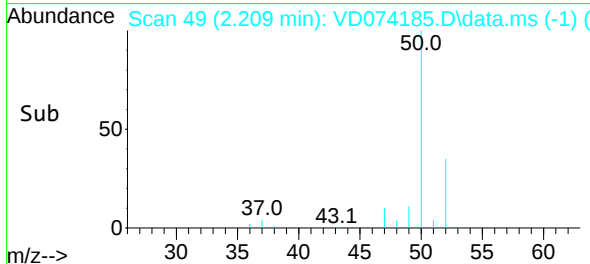
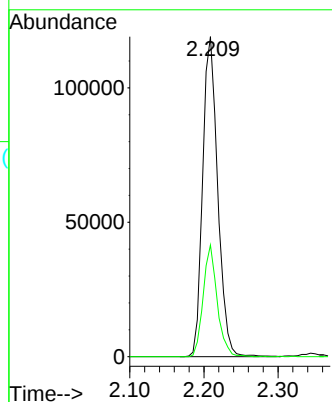
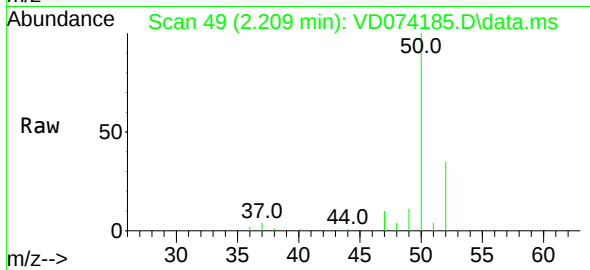




#3
Chloromethane
Concen: 86.605 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD074185.D
Acq: 23 Aug 2022 12:37

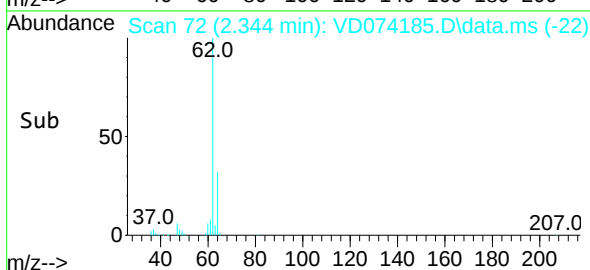
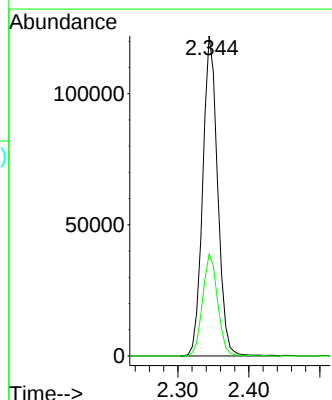
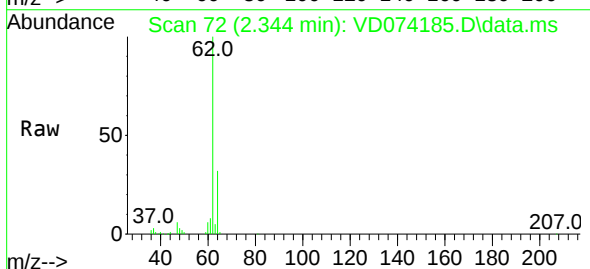
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ClientSampleId :
VSTDIC150

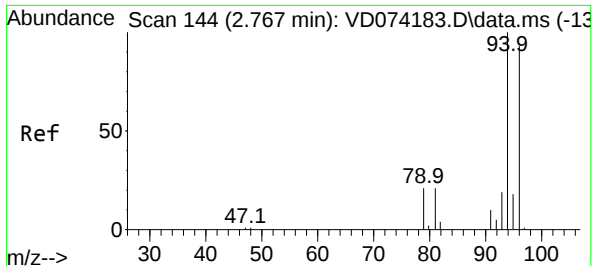
Tgt Ion: 50 Resp: 168058
Ion Ratio Lower Upper
50 100
52 34.9 27.4 41.0



#4
Vinyl Chloride
Concen: 71.347 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.006 min
Lab File: VD074185.D
Acq: 23 Aug 2022 12:37

Tgt Ion: 62 Resp: 178270
Ion Ratio Lower Upper
62 100
64 31.9 25.4 38.0

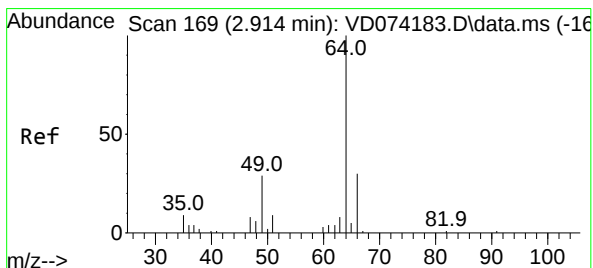
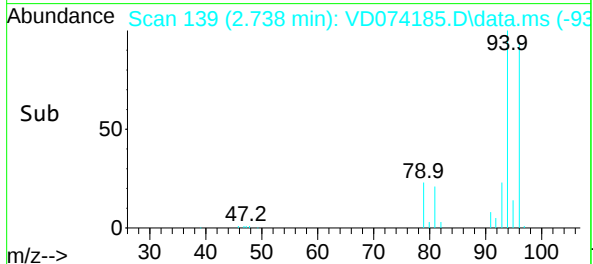
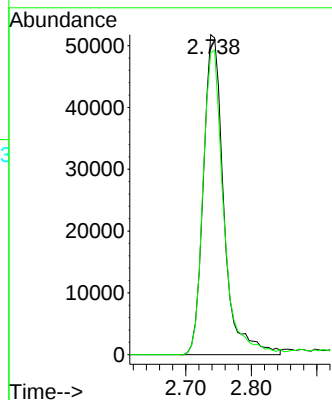
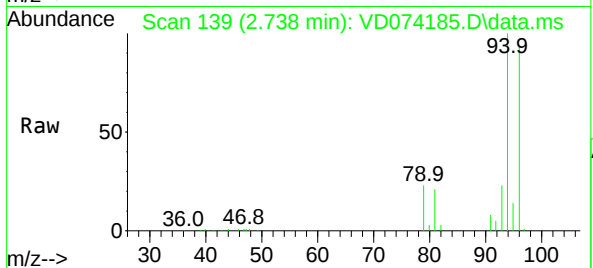




#5
Bromomethane
Concen: 56.568 ug/l
RT: 2.738 min Scan# 11
Delta R.T. -0.029 min
Lab File: VD074185.D
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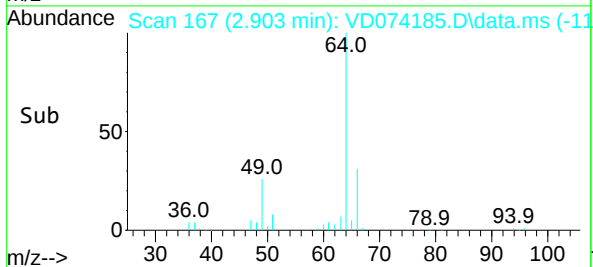
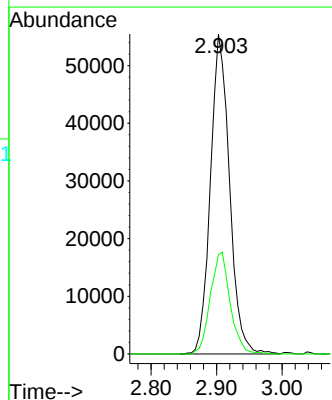
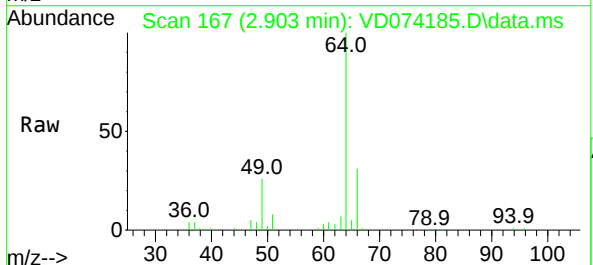
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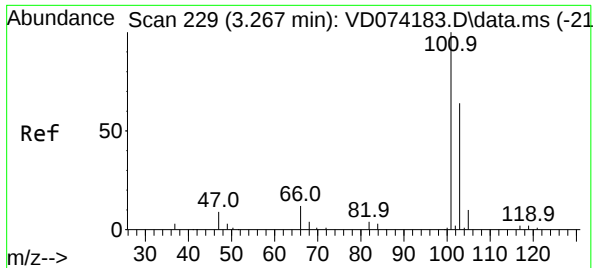
Tgt Ion: 94 Resp: 112348
Ion Ratio Lower Upper
94 100
96 94.3 77.6 116.4



#6
Chloroethane
Concen: 53.918 ug/l
RT: 2.903 min Scan# 167
Delta R.T. -0.011 min
Lab File: VD074185.D
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Tgt Ion: 64 Resp: 111976
Ion Ratio Lower Upper
64 100
66 31.0 25.9 38.9

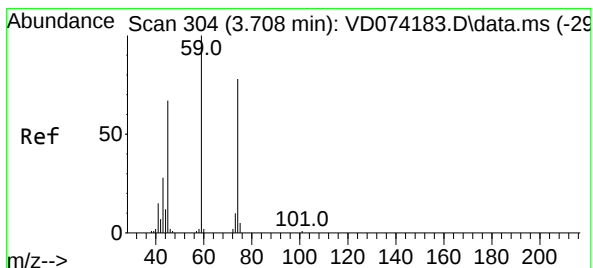
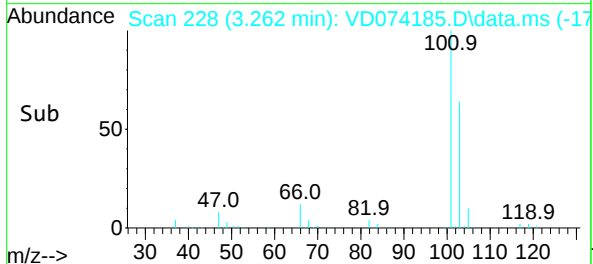
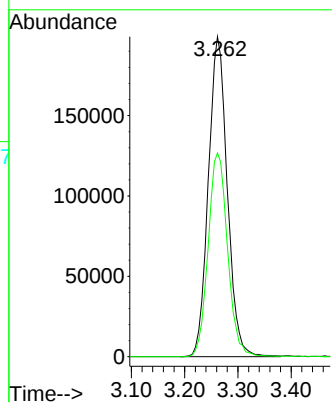
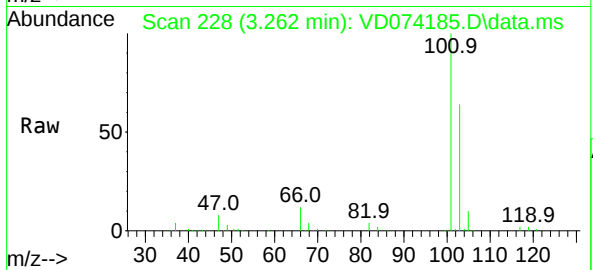




#7
Trichlorofluoromethane
Concen: 127.412 ug/l
RT: 3.262 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD074185.D
Acq: 23 Aug 2022 12:37

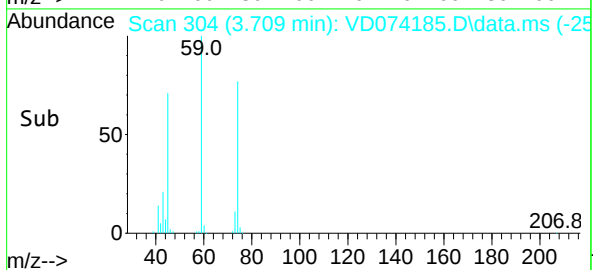
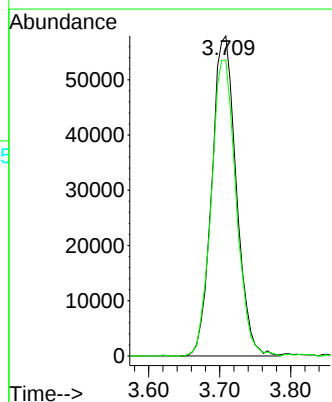
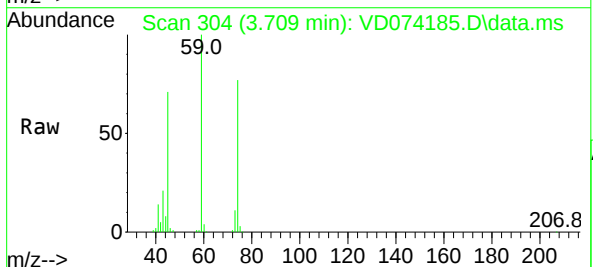
Instrument :
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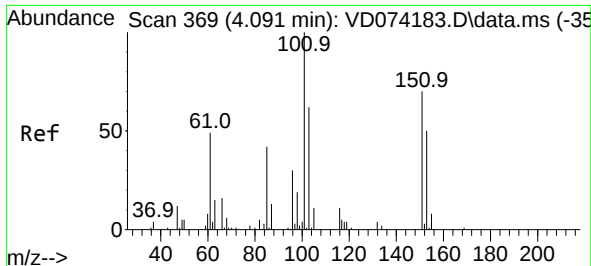
Tgt Ion:101 Resp: 490997
Ion Ratio Lower Upper
101 100
103 63.7 50.1 75.1



#8
Diethyl Ether
Concen: 165.324 ug/l
RT: 3.709 min Scan# 304
Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 138242
Ion Ratio Lower Upper
74 100
45 93.9 52.6 157.8

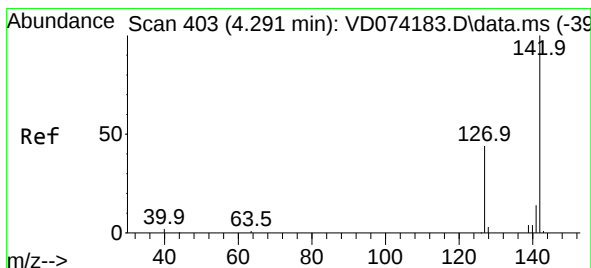
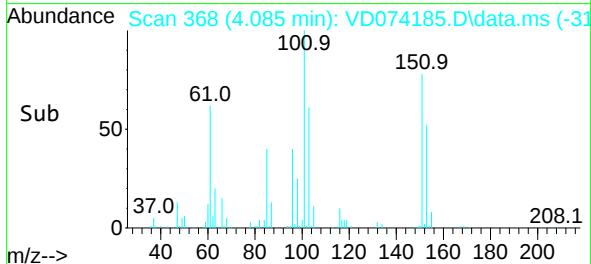
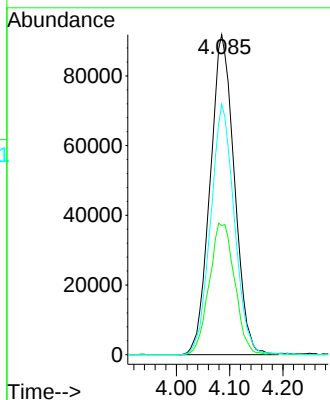
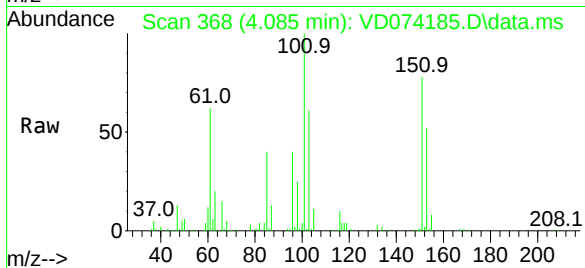




#9
1,1,2-Trichlorotrifluoroethane
Concen: 138.374 ug/l
RT: 4.085 min Scan# 30
Delta R.T. -0.006 min
Lab File: VD074185.D
Acq: 23 Aug 2022 12:37

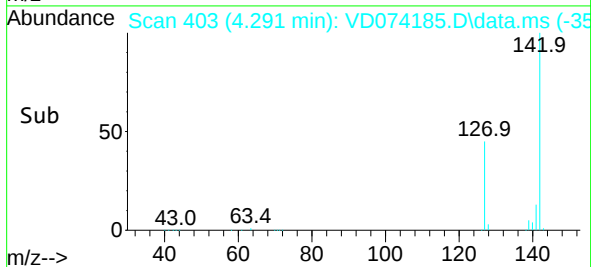
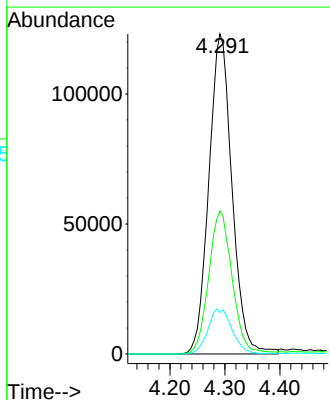
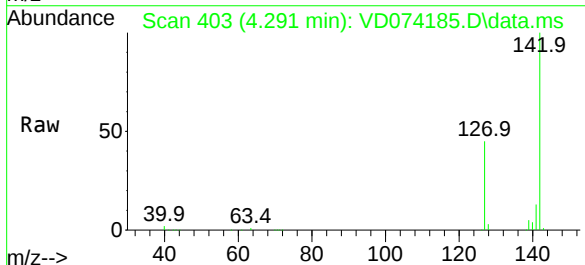
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

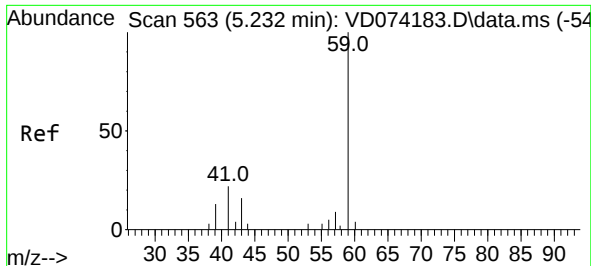
Tgt Ion:101 Resp: 290025
Ion Ratio Lower Upper
101 100
85 43.0 36.4 54.6
151 76.8 57.3 85.9



#10
Methyl Iodide
Concen: 184.482 ug/l
RT: 4.291 min Scan# 403
Delta R.T. 0.000 min
Lab File: VD074185.D
Acq: 23 Aug 2022 12:37

Tgt Ion:142 Resp: 360118
Ion Ratio Lower Upper
142 100
127 45.4 37.3 55.9
141 14.8 11.7 17.5

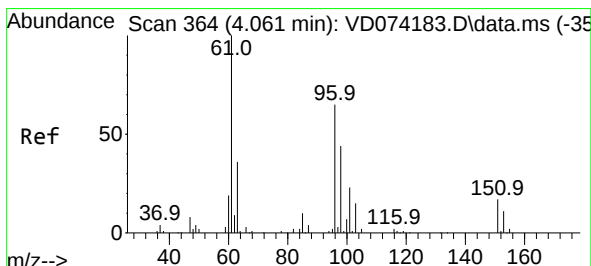
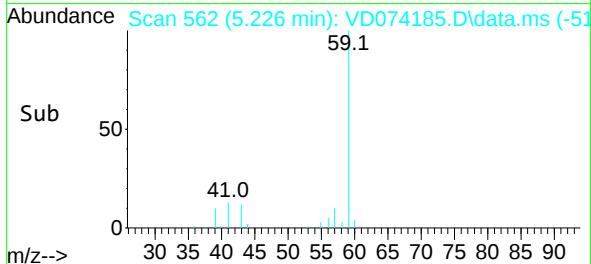
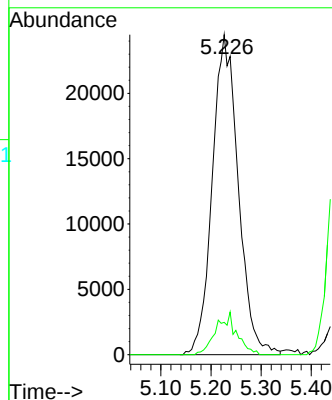
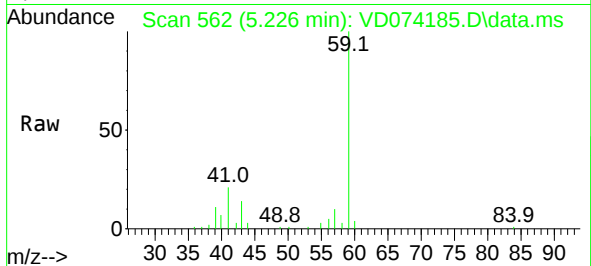




#11
Tert butyl alcohol
Concen: 739.958 ug/l
RT: 5.226 min Scan# 51
Delta R.T. -0.006 min
Lab File: VD074185.D
Acq: 23 Aug 2022 12:37

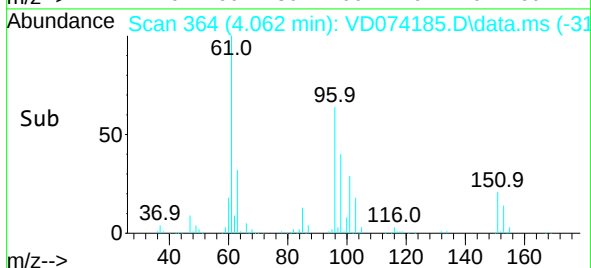
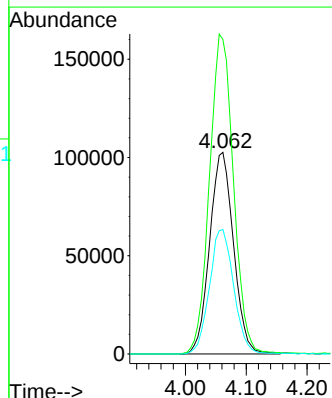
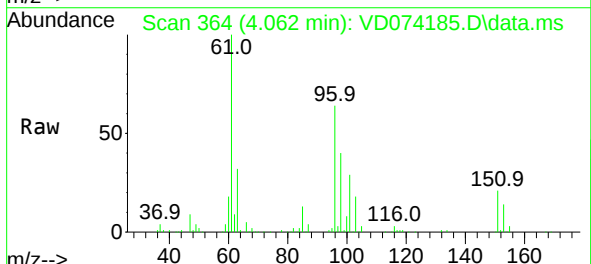
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

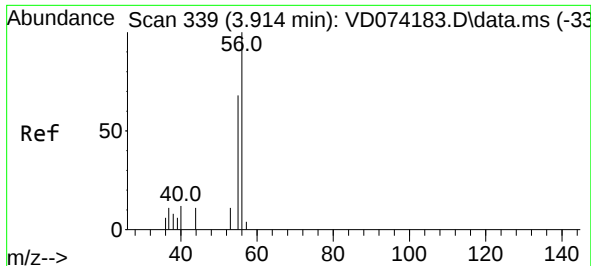
Tgt Ion: 59 Resp: 88169
Ion Ratio Lower Upper
59 100
57 10.6 7.8 11.6



#12
1,1-Dichloroethene
Concen: 159.931 ug/l
RT: 4.062 min Scan# 364
Delta R.T. 0.000 min
Lab File: VD074185.D
Acq: 23 Aug 2022 12:37

Tgt Ion: 96 Resp: 279927
Ion Ratio Lower Upper
96 100
61 156.0 138.5 207.7
98 61.7 48.6 73.0

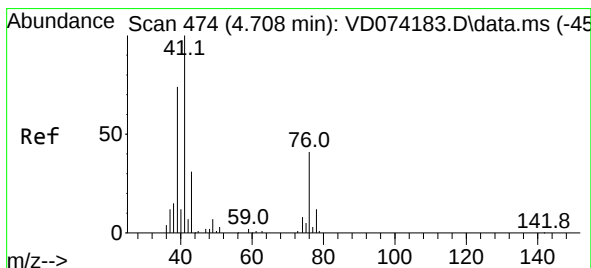
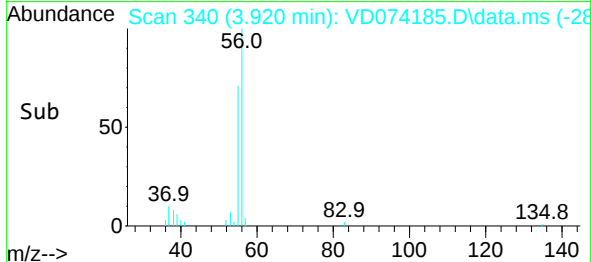
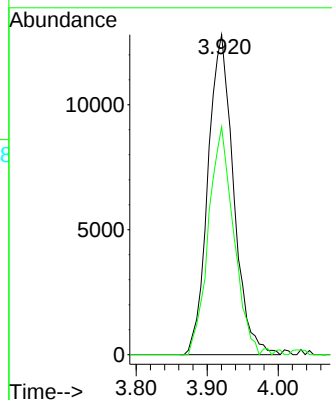
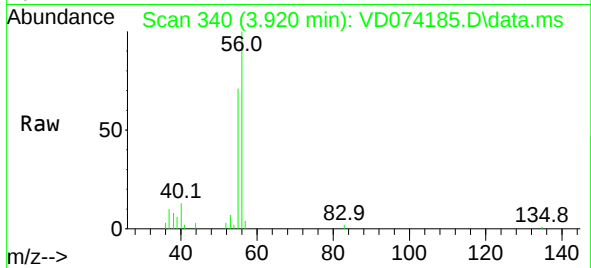




#13
Acrolein
Concen: 341.576 ug/l
RT: 3.920 min Scan# 340
Delta R.T. 0.006 min
Lab File: VD074185.D
Acq: 23 Aug 2022 12:37

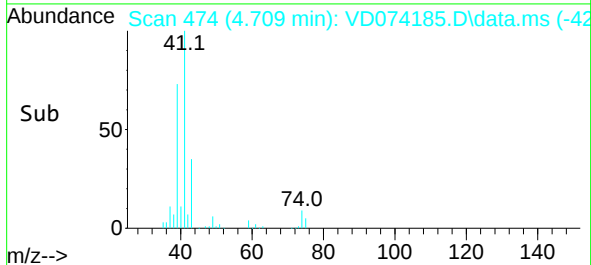
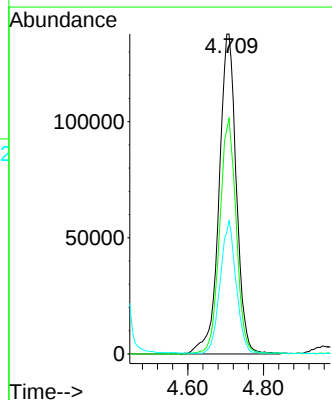
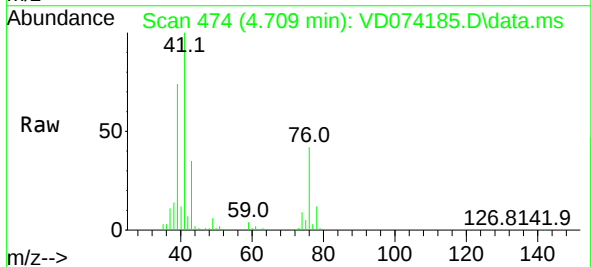
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

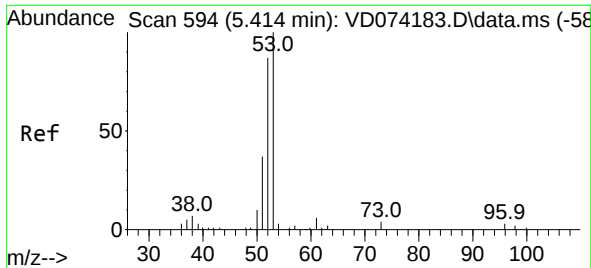
Tgt Ion: 56 Resp: 32027
Ion Ratio Lower Upper
56 100
55 70.1 57.1 85.7



#14
Allyl chloride
Concen: 190.888 ug/l
RT: 4.709 min Scan# 474
Delta R.T. 0.000 min
Lab File: VD074185.D
Acq: 23 Aug 2022 12:37

Tgt Ion: 41 Resp: 437387
Ion Ratio Lower Upper
41 100
39 70.3 59.3 88.9
76 37.9 25.7 38.5

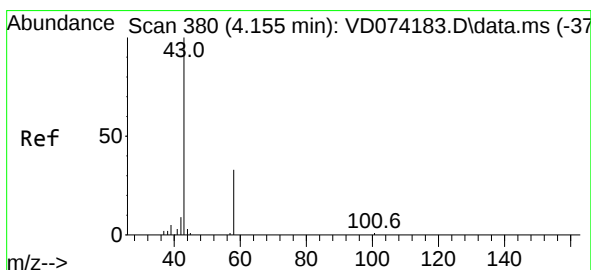
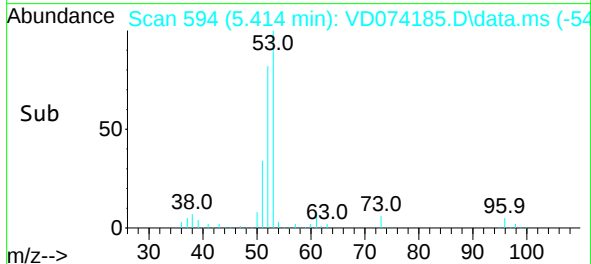
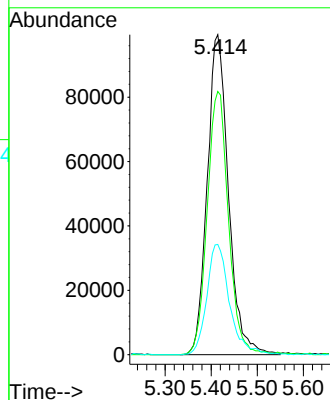
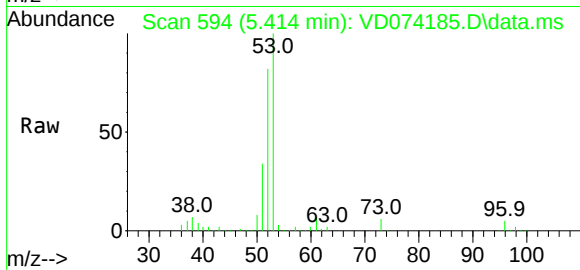




#15
Acrylonitrile
Concen: 940.299 ug/l
RT: 5.414 min Scan# 594
Delta R.T. 0.000 min
Lab File: VD074185.D
Acq: 23 Aug 2022 12:37

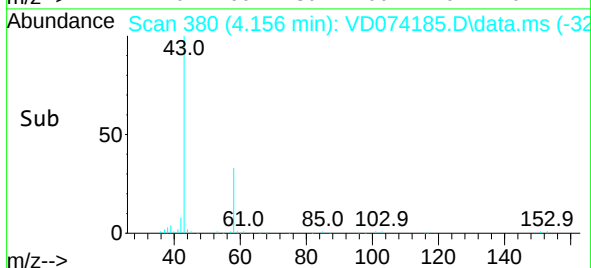
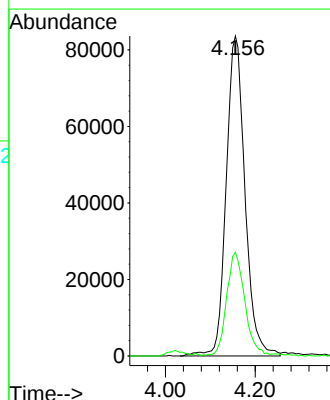
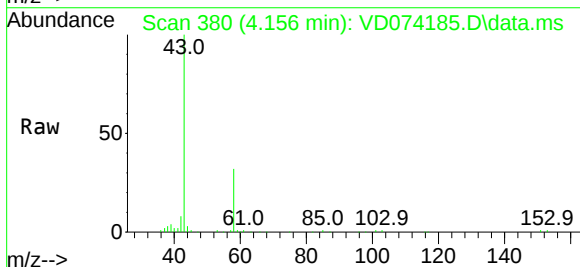
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

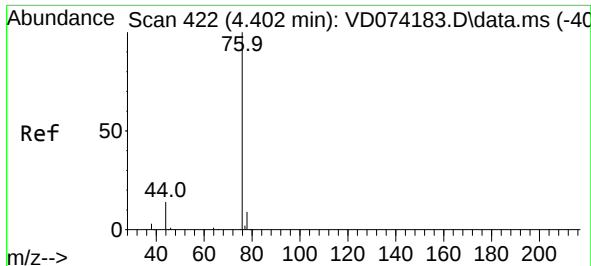
Tgt Ion: 53 Resp: 318820
Ion Ratio Lower Upper
53 100
52 82.3 67.2 100.8
51 37.0 30.3 45.5



#16
Acetone
Concen: 670.444 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD074185.D
Acq: 23 Aug 2022 12:37

Tgt Ion: 43 Resp: 243741
Ion Ratio Lower Upper
43 100
58 31.9 22.1 33.1

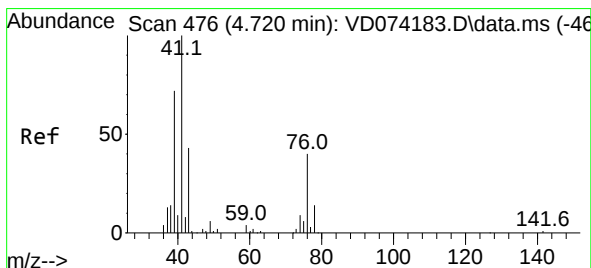
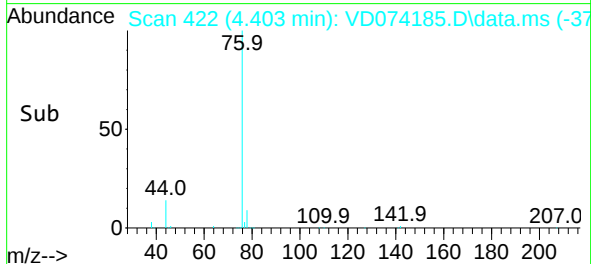
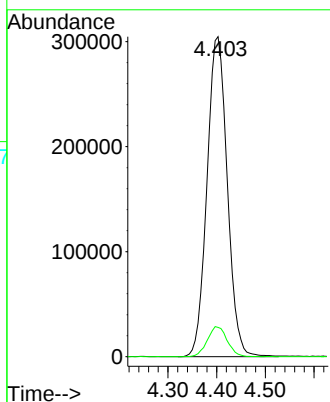
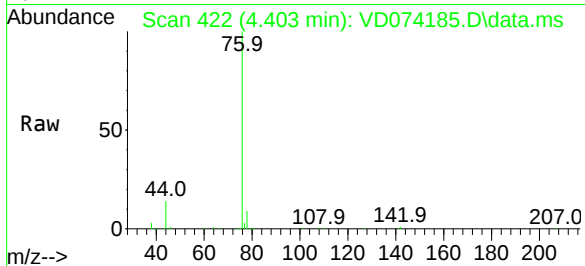




#17
Carbon Disulfide
Concen: 191.444 ug/l
RT: 4.403 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD074185.D
Acq: 23 Aug 2022 12:37

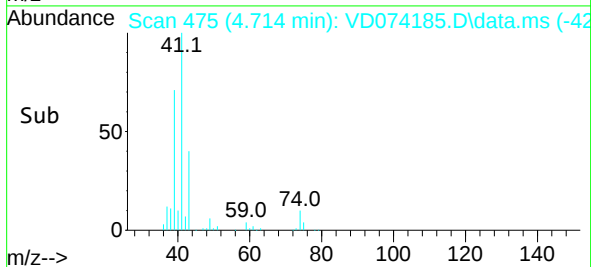
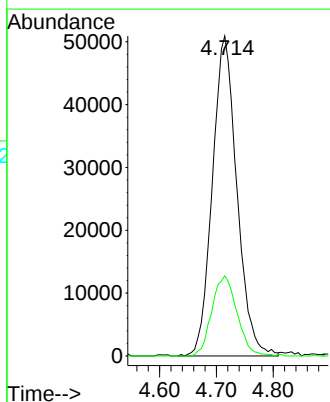
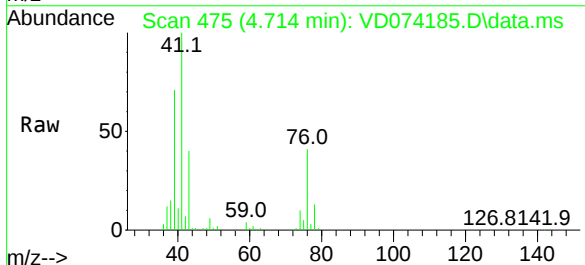
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

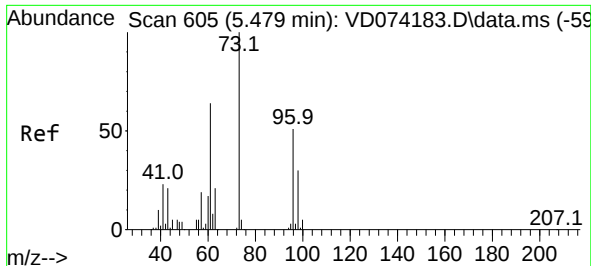
Tgt Ion: 76 Resp: 880527
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3



#18
Methyl Acetate
Concen: 165.759 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.006 min
Lab File: VD074185.D
Acq: 23 Aug 2022 12:37

Tgt Ion: 43 Resp: 152704
Ion Ratio Lower Upper
43 100
74 25.7 16.7 25.1#

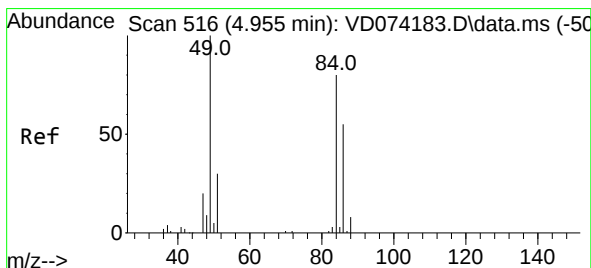
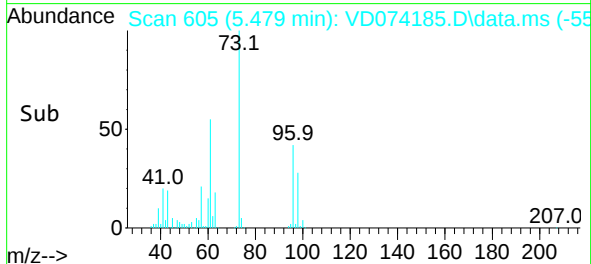
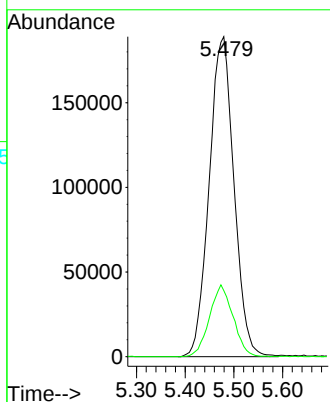
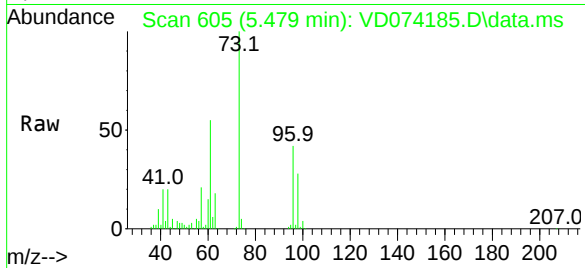




#19
Methyl tert-butyl Ether
Concen: 175.330 ug/l
RT: 5.479 min Scan# 605
Delta R.T. 0.000 min
Lab File: VD074185.D
Acq: 23 Aug 2022 12:37

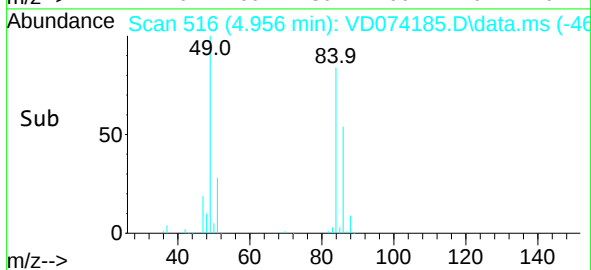
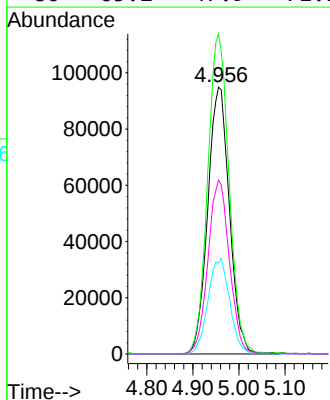
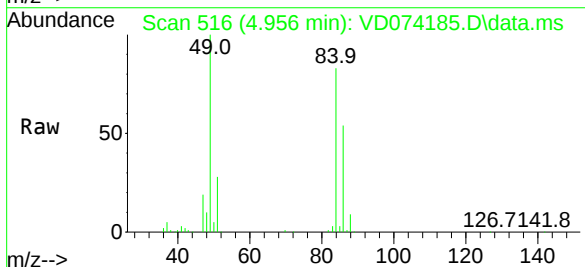
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

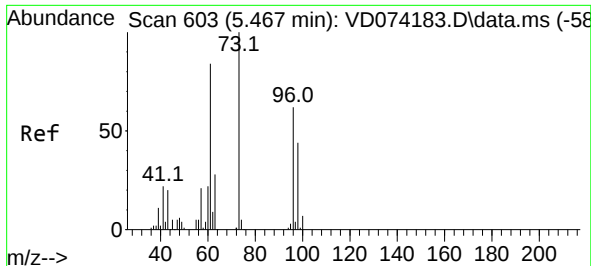
Tgt Ion: 73 Resp: 667422
Ion Ratio Lower Upper
73 100
57 20.7 18.0 27.0



#20
Methylene Chloride
Concen: 112.937 ug/l
RT: 4.956 min Scan# 516
Delta R.T. 0.000 min
Lab File: VD074185.D
Acq: 23 Aug 2022 12:37

Tgt Ion: 84 Resp: 310184
Ion Ratio Lower Upper
84 100
49 119.9 112.8 169.2
51 34.0 32.6 48.8
86 65.2 47.9 71.9

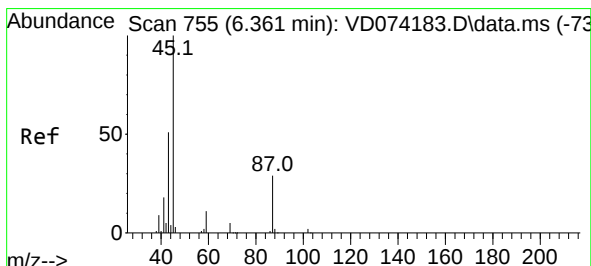
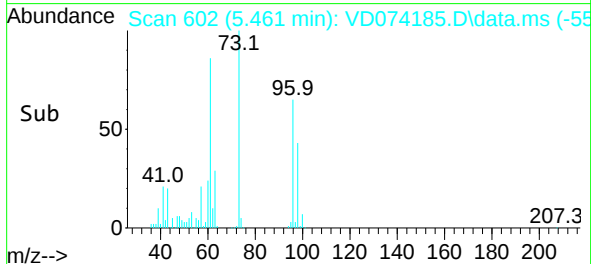
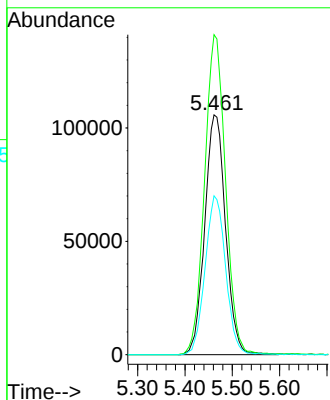
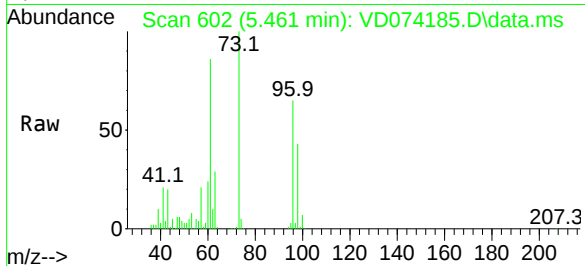




#21
trans-1,2-Dichloroethene
Concen: 168.125 ug/l
RT: 5.461 min Scan# 603
Delta R.T. -0.006 min
Lab File: VD074185.D
Acq: 23 Aug 2022 12:37

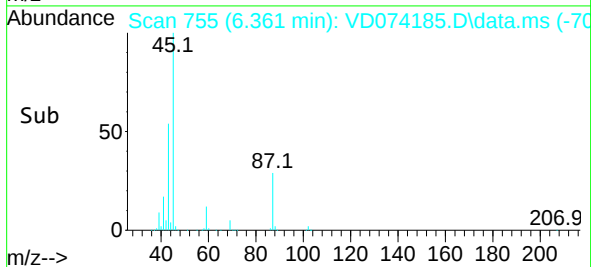
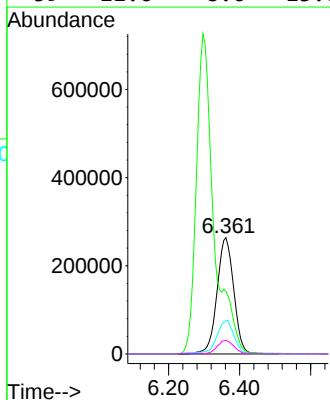
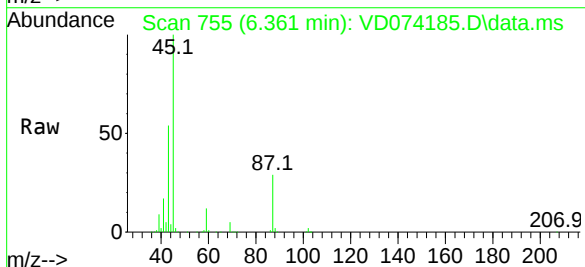
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tgt Ion: 96 Resp: 323683
Ion Ratio Lower Upper
96 100
61 133.4 117.9 176.9
98 66.3 49.4 74.2



#22
Diisopropyl ether
Concen: 178.466 ug/l
RT: 6.361 min Scan# 755
Delta R.T. 0.000 min
Lab File: VD074185.D
Acq: 23 Aug 2022 12:37

Tgt Ion: 45 Resp: 861852
Ion Ratio Lower Upper
45 100
43 53.7 46.6 70.0
87 28.7 18.4 27.6#
59 11.6 8.6 13.0

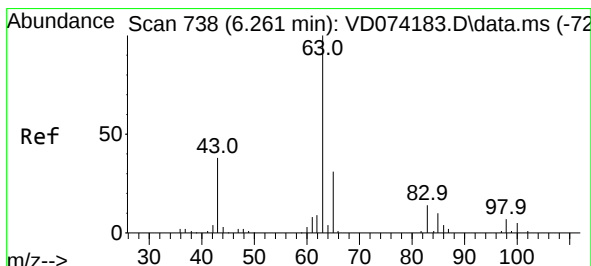
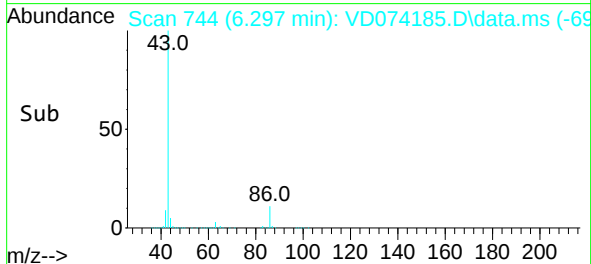
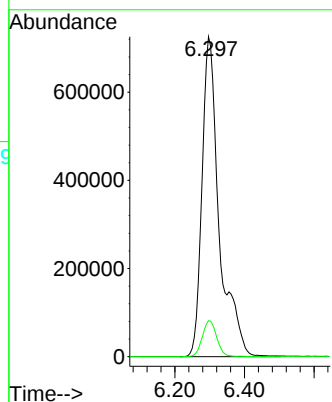
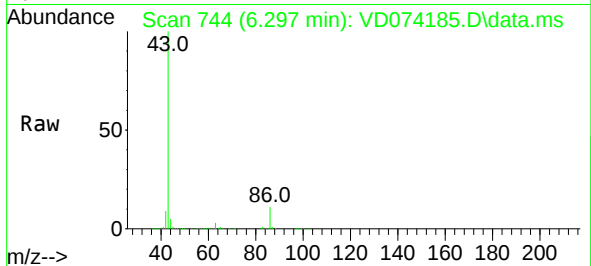




#23
Vinyl Acetate
Concen: 1002.914 ug/l
RT: 6.297 min Scan# 744
Delta R.T. -0.006 min
Lab File: VD074185.D
Acq: 23 Aug 2022 12:37

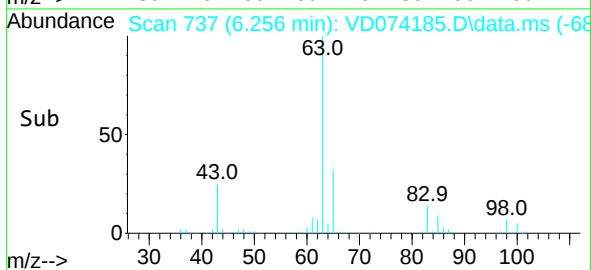
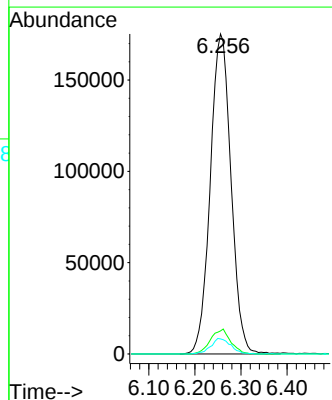
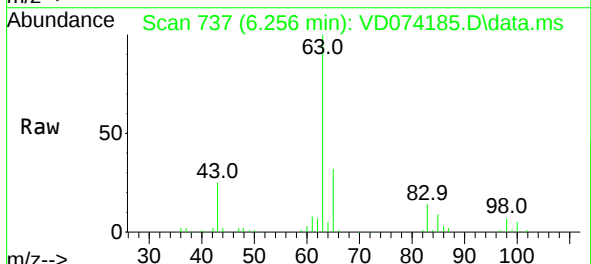
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

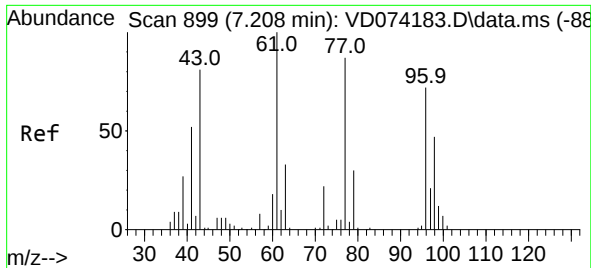
Tgt Ion: 43 Resp: 2492180
Ion Ratio Lower Upper
43 100
86 11.2 7.1 10.7#



#24
1,1-Dichloroethane
Concen: 165.106 ug/l
RT: 6.256 min Scan# 737
Delta R.T. -0.006 min
Lab File: VD074185.D
Acq: 23 Aug 2022 12:37

Tgt Ion: 63 Resp: 548234
Ion Ratio Lower Upper
63 100
98 7.2 3.6 10.9
100 4.7 2.1 6.5

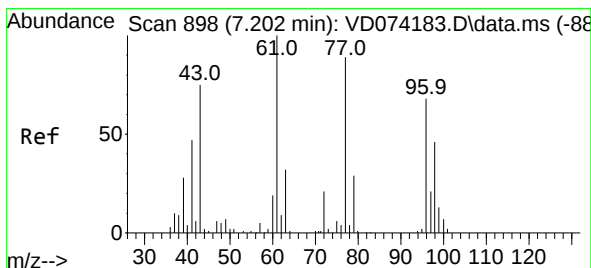
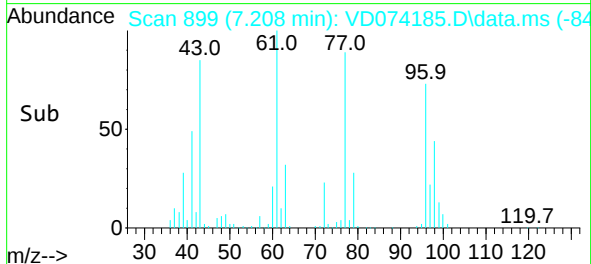
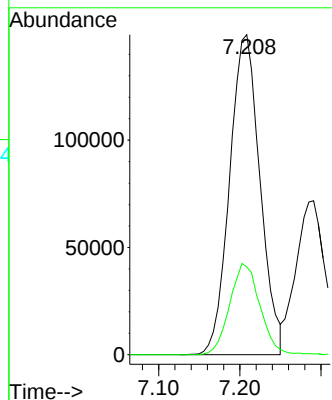
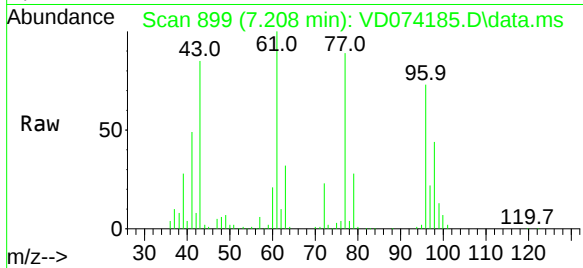




#25
2-Butanone
Concen: 800.359 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD074185.D
Acq: 23 Aug 2022 12:37

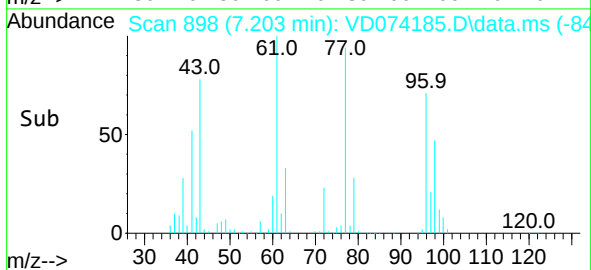
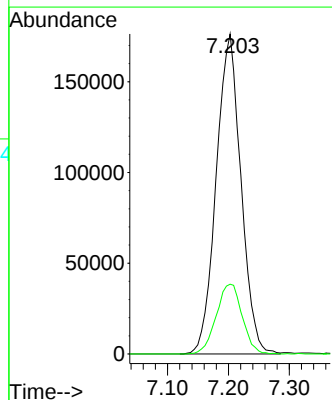
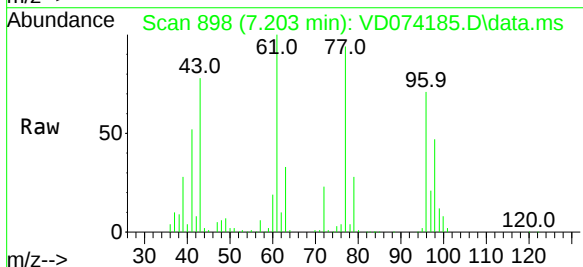
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

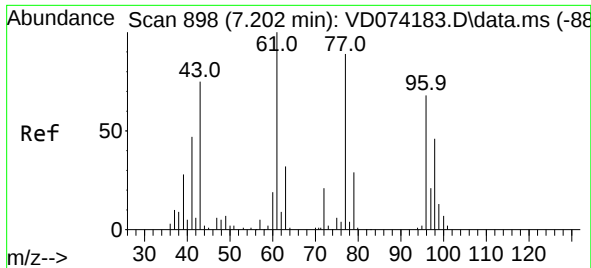
Tgt Ion: 43 Resp: 388568
Ion Ratio Lower Upper
43 100
72 27.5 18.6 27.8



#26
2,2-Dichloropropane
Concen: 148.454 ug/l
RT: 7.203 min Scan# 898
Delta R.T. 0.000 min
Lab File: VD074185.D
Acq: 23 Aug 2022 12:37

Tgt Ion: 77 Resp: 497648
Ion Ratio Lower Upper
77 100
97 22.8 10.8 32.4



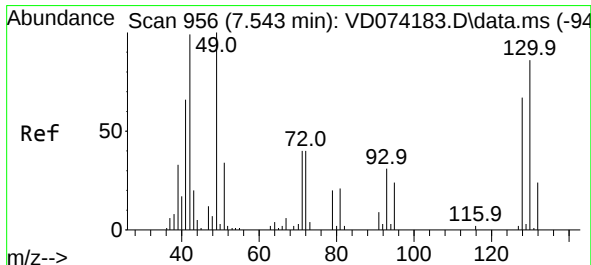
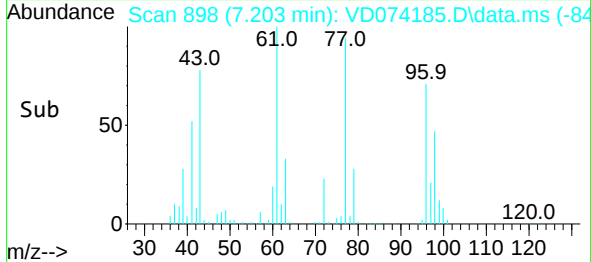
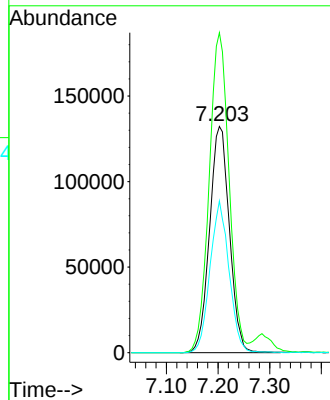
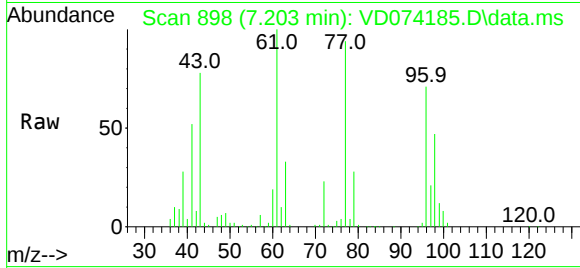


#27
 cis-1,2-Dichloroethene
 Concen: 158.116 ug/l
 RT: 7.203 min Scan# 898
 Delta R.T. 0.000 min
 Lab File: VD074185.D
 Acq: 23 Aug 2022 12:37

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

Tgt Ion: 96 Resp: 352924

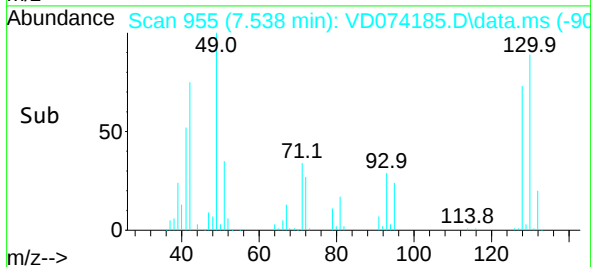
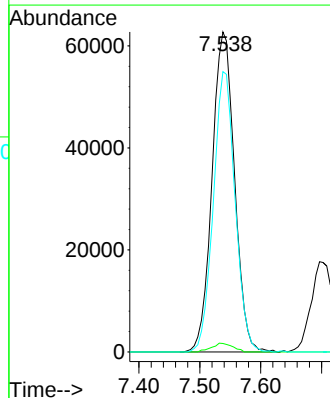
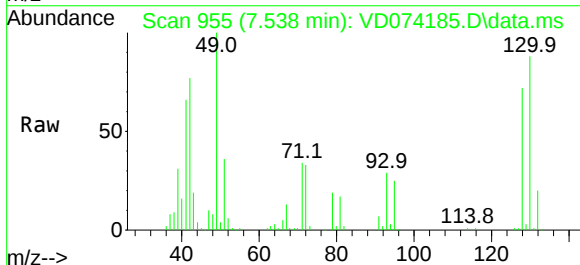
Ion	Ratio	Lower	Upper
96	100		
61	141.3	0.0	313.8
98	64.4	0.0	128.8

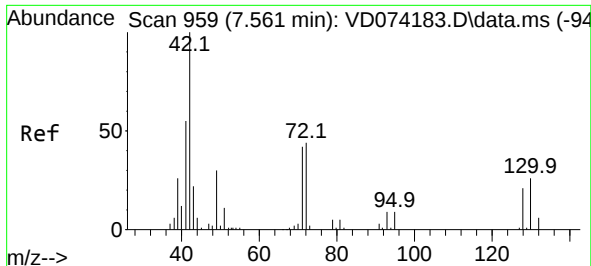


#28
 Bromochloromethane
 Concen: 135.578 ug/l
 RT: 7.538 min Scan# 955
 Delta R.T. -0.006 min
 Lab File: VD074185.D
 Acq: 23 Aug 2022 12:37

Tgt Ion: 49 Resp: 160991

Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	4.0
130	84.8	52.6	79.0





#29

Tetrahydrofuran

Concen: 948.264 ug/l

RT: 7.555 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD074185.D

Acq: 23 Aug 2022 12:37

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

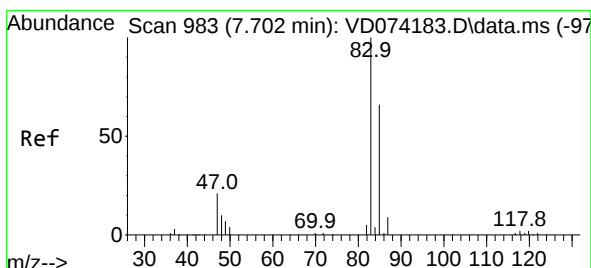
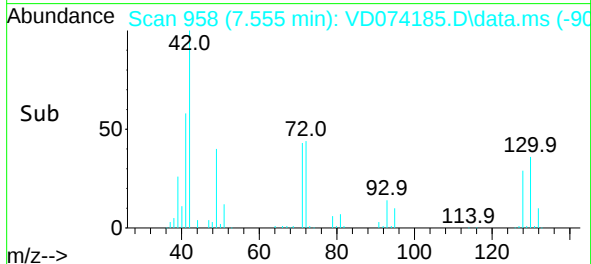
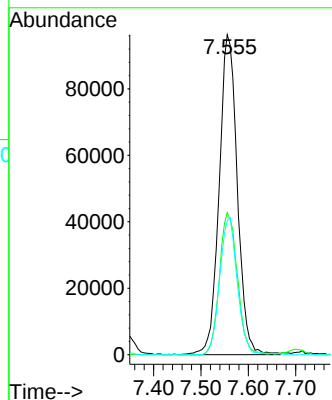
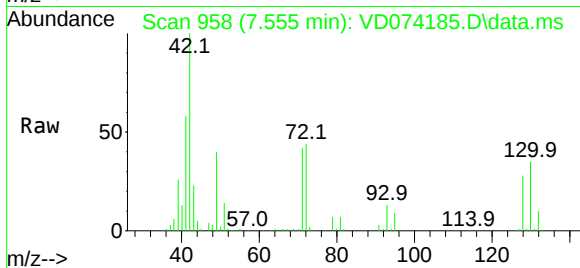
Tgt Ion: 42 Resp: 256715

Ion Ratio Lower Upper

42 100

72 44.0 30.7 46.1

71 41.6 28.6 43.0



#30

Chloroform

Concen: 149.514 ug/l

RT: 7.703 min Scan# 983

Delta R.T. 0.000 min

Lab File: VD074185.D

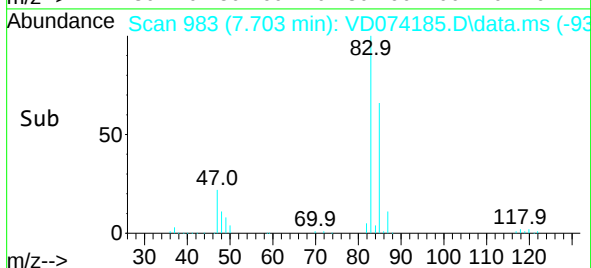
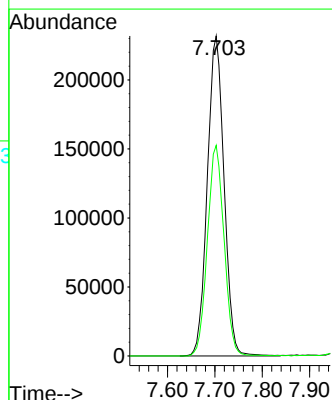
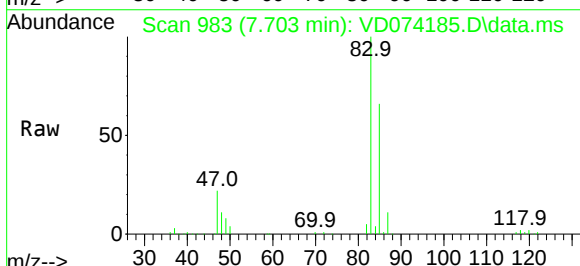
Acq: 23 Aug 2022 12:37

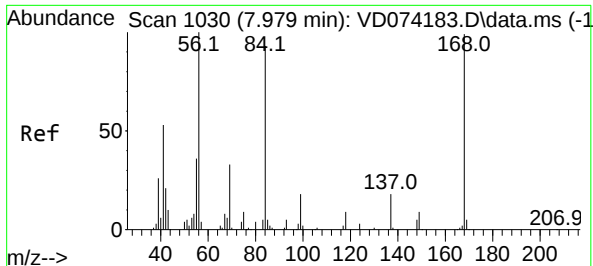
Tgt Ion: 83 Resp: 568928

Ion Ratio Lower Upper

83 100

85 65.8 52.7 79.1





#31

Cyclohexane

Concen: 176.047 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. 0.000 min

Lab File: VD074185.D

Acq: 23 Aug 2022 12:37

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

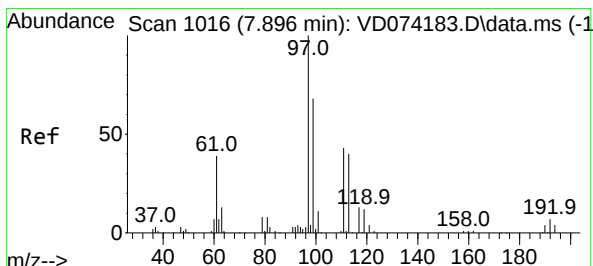
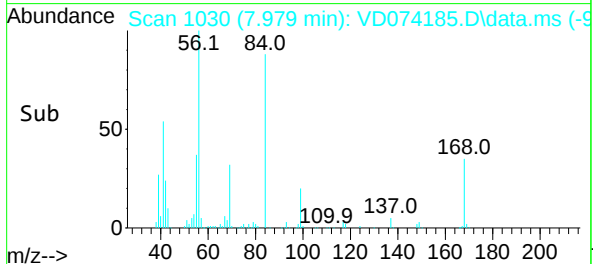
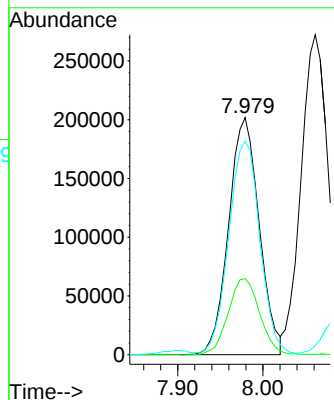
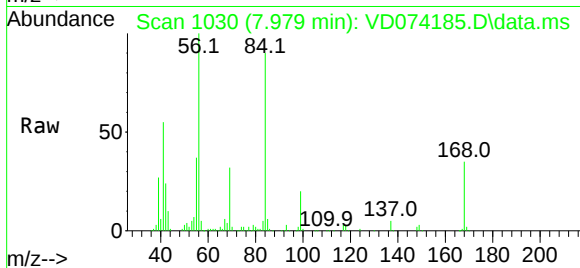
Tgt Ion: 56 Resp: 503454

Ion Ratio Lower Upper

56 100

69 32.1 25.4 38.2

84 88.4 63.0 94.4



#32

1,1,1-Trichloroethane

Concen: 152.206 ug/l

RT: 7.897 min Scan# 1016

Delta R.T. 0.000 min

Lab File: VD074185.D

Acq: 23 Aug 2022 12:37

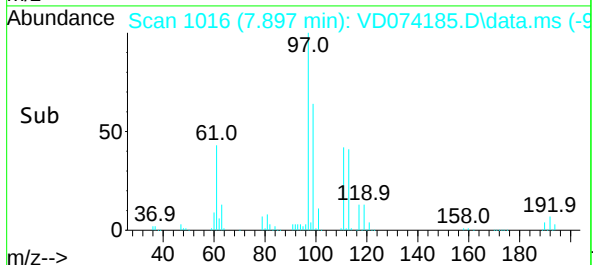
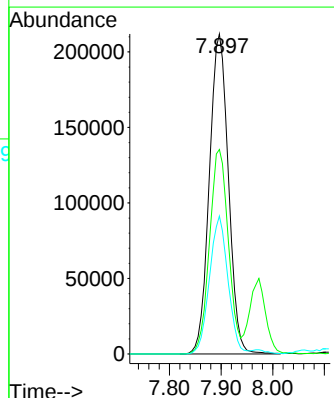
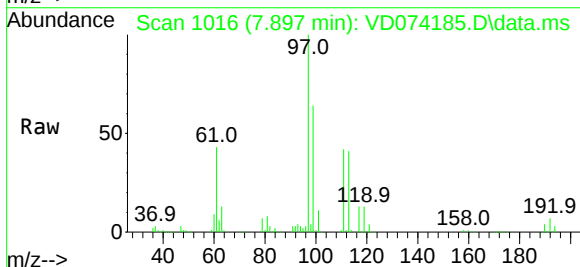
Tgt Ion: 97 Resp: 541913

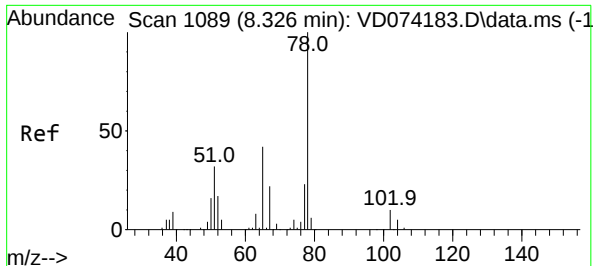
Ion Ratio Lower Upper

97 100

99 63.4 52.4 78.6

61 42.0 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 133.503 ug/l

RT: 8.320 min Scan# 1107

Delta R.T. -0.006 min

Lab File: VD074185.D

Acq: 23 Aug 2022 12:37

Instrument :

MSVOA_D

ClientSampleId :

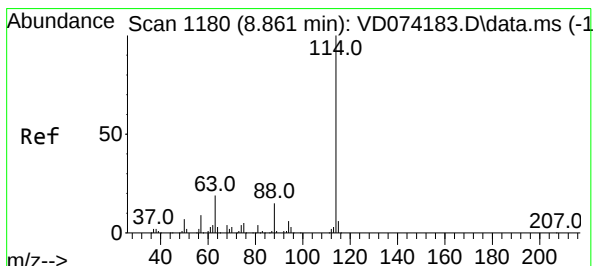
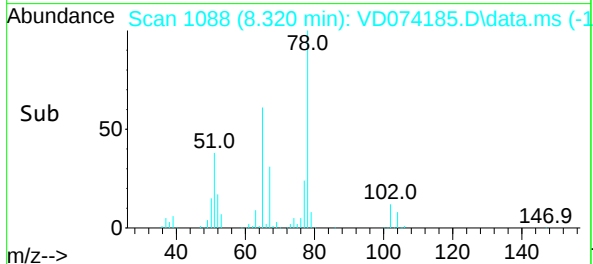
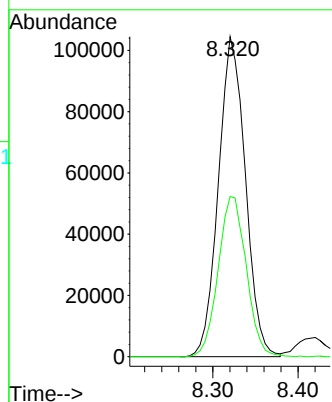
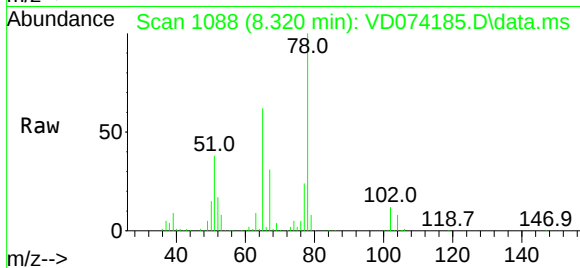
VSTDIC150

Tgt Ion: 65 Resp: 229517

Ion Ratio Lower Upper

65 100

67 52.1 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.006 min

Lab File: VD074185.D

Acq: 23 Aug 2022 12:37

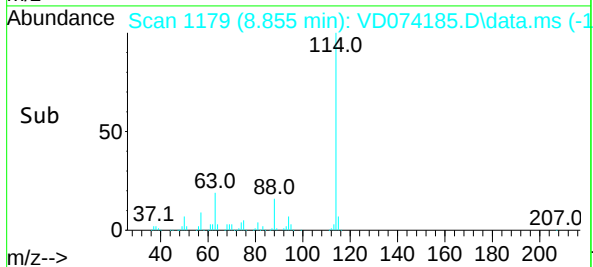
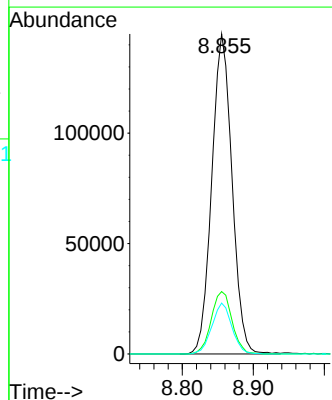
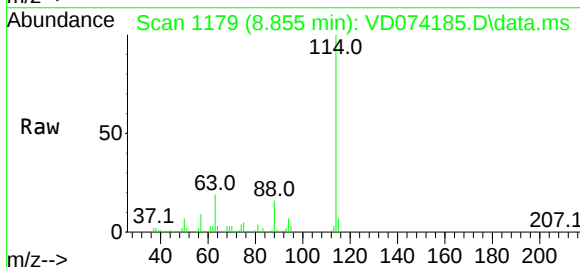
Tgt Ion: 114 Resp: 286112

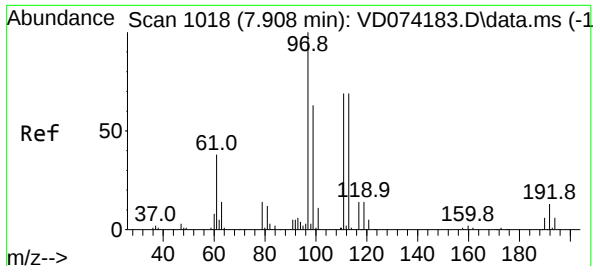
Ion Ratio Lower Upper

114 100

63 19.5 0.0 46.6

88 15.9 0.0 33.2





#35

Dibromofluoromethane

Concen: 135.267 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD074185.D

Acq: 23 Aug 2022 12:37

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

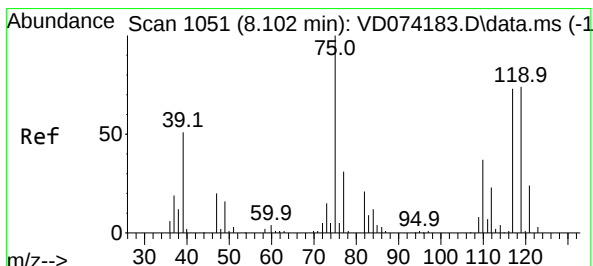
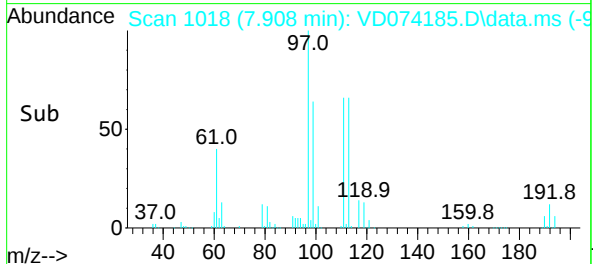
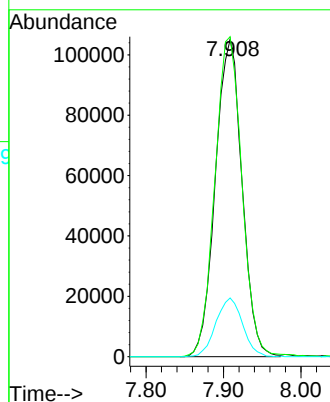
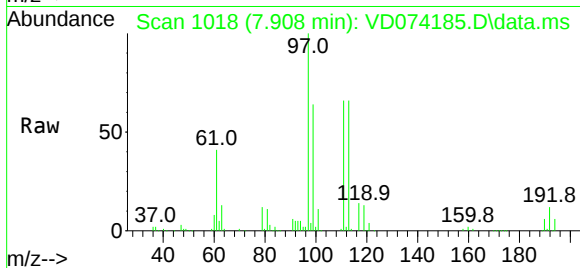
Tgt Ion:113 Resp: 251506

Ion Ratio Lower Upper

113 100

111 102.5 83.8 125.6

192 18.6 14.6 21.8



#36

1,1-Dichloropropene

Concen: 173.856 ug/l

RT: 8.108 min Scan# 1052

Delta R.T. 0.006 min

Lab File: VD074185.D

Acq: 23 Aug 2022 12:37

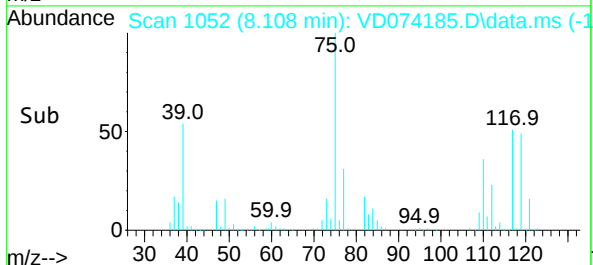
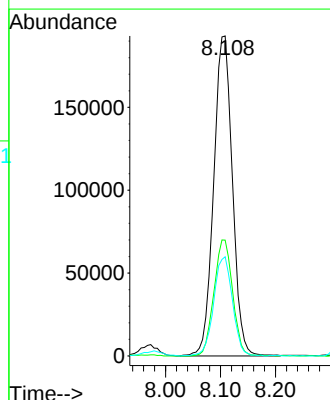
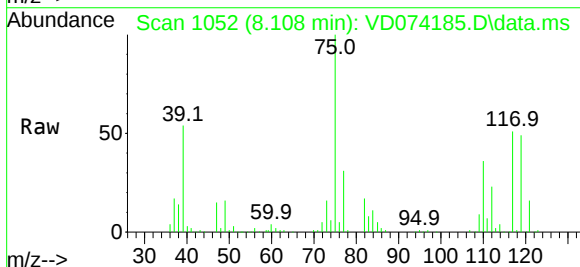
Tgt Ion: 75 Resp: 457882

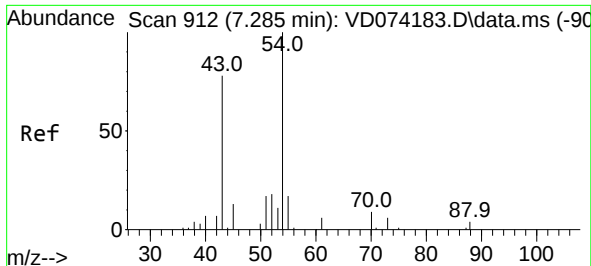
Ion Ratio Lower Upper

75 100

110 36.1 16.4 49.1

77 31.2 24.2 36.2





#37

Ethyl Acetate

Concen: 179.214 ug/l

RT: 7.291 min Scan# 912

Delta R.T. 0.006 min

Lab File: VD074185.D

Acq: 23 Aug 2022 12:37

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

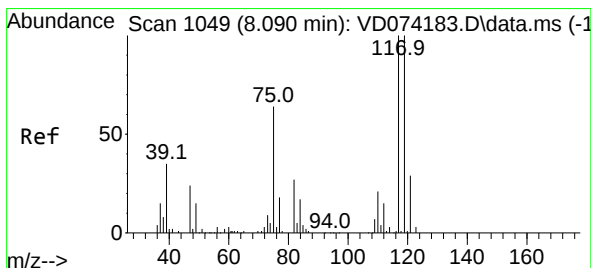
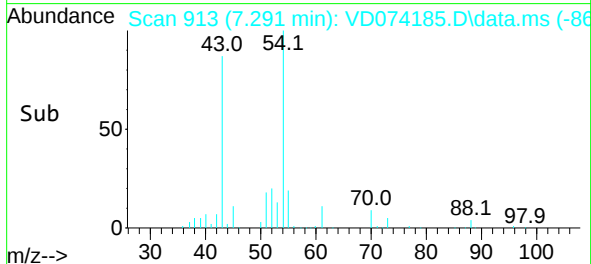
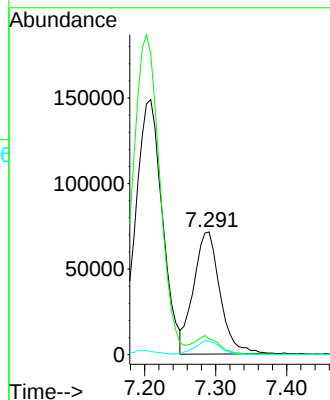
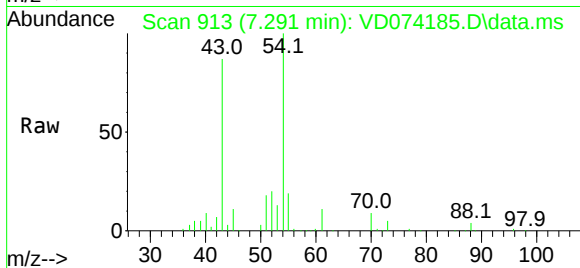
Tgt Ion: 43 Resp: 184974

Ion Ratio Lower Upper

43 100

61 13.4 9.8 14.8

70 11.0 6.9 10.3#



#38

Carbon Tetrachloride

Concen: 160.900 ug/l

RT: 8.091 min Scan# 1049

Delta R.T. 0.000 min

Lab File: VD074185.D

Acq: 23 Aug 2022 12:37

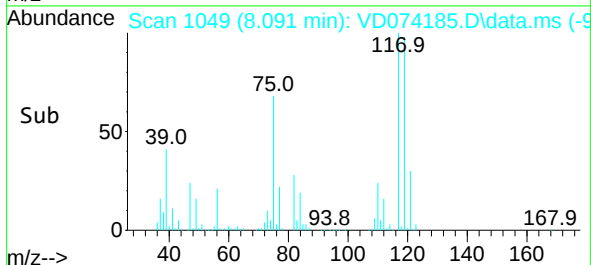
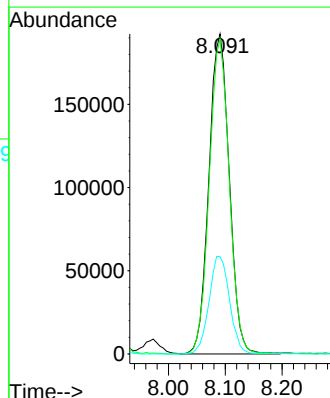
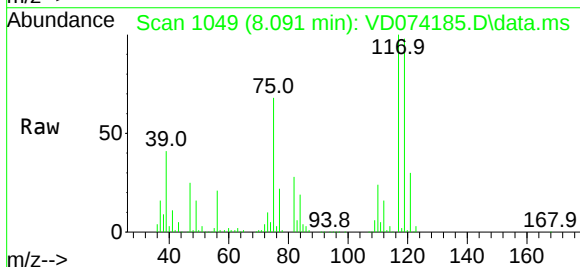
Tgt Ion: 117 Resp: 478941

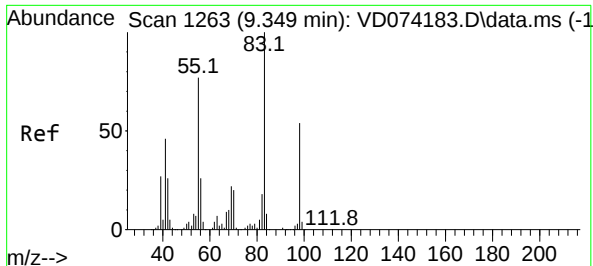
Ion Ratio Lower Upper

117 100

119 98.4 75.8 113.6

121 30.4 24.5 36.7





#39

Methylcyclohexane

Concen: 191.117 ug/l

RT: 9.350 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD074185.D

Acq: 23 Aug 2022 12:37

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

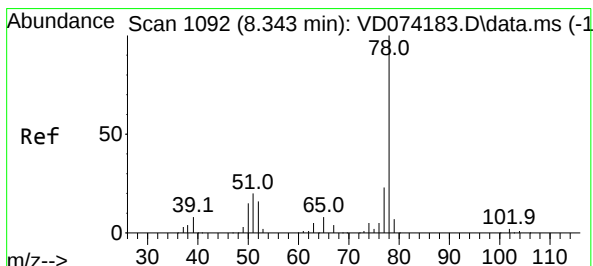
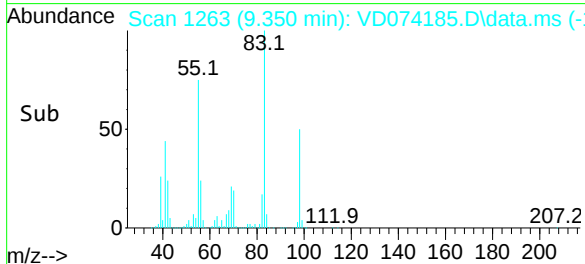
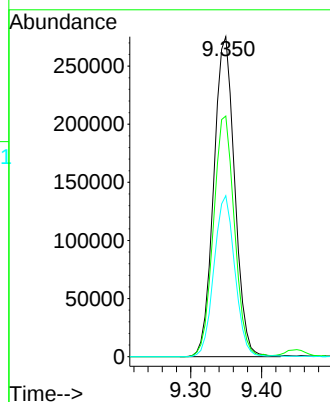
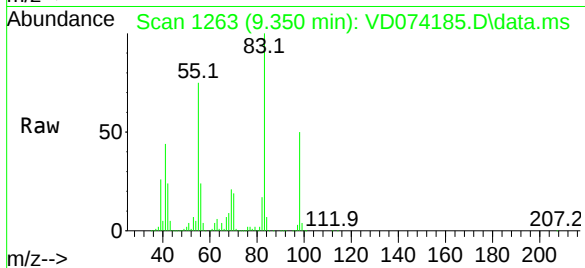
Tgt Ion: 83 Resp: 562560

Ion Ratio Lower Upper

83 100

55 75.2 63.2 94.8

98 50.3 38.2 57.4



#40

Benzene

Concen: 165.815 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VD074185.D

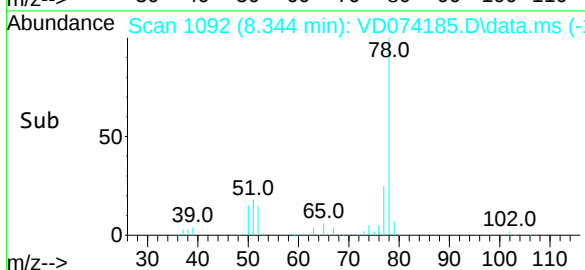
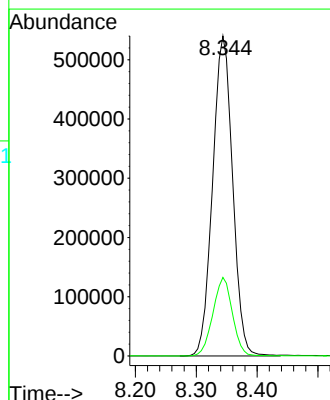
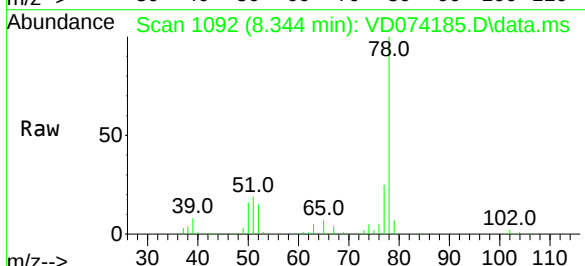
Acq: 23 Aug 2022 12:37

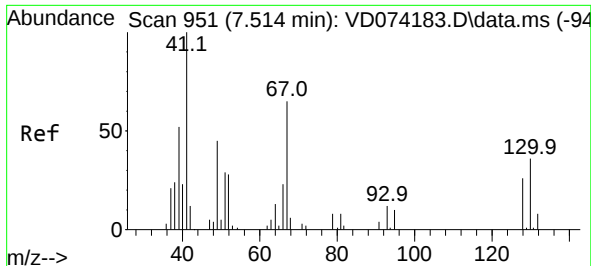
Tgt Ion: 78 Resp: 1229958

Ion Ratio Lower Upper

78 100

77 24.6 19.1 28.7

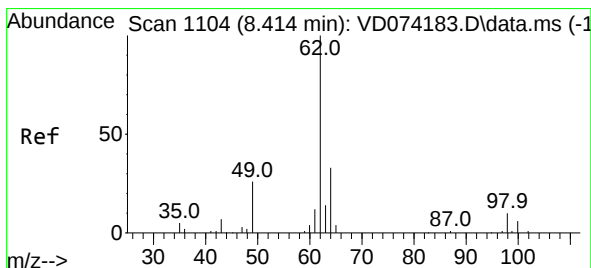
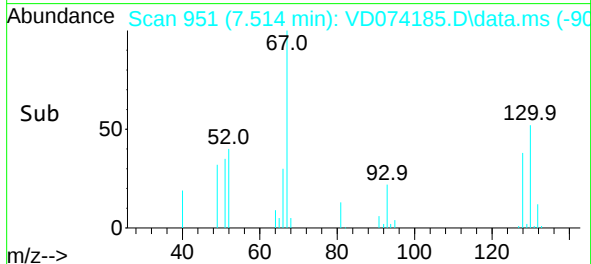
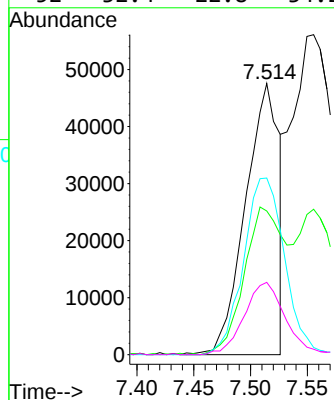
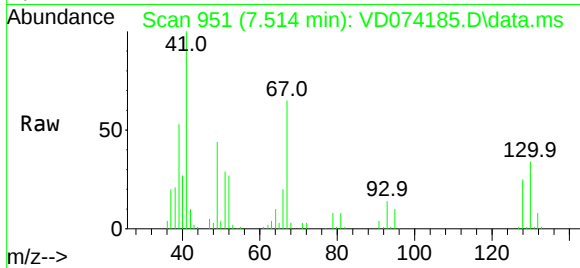




#41
Methacrylonitrile
Concen: 180.440 ug/l
RT: 7.514 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD074185.D
Acq: 23 Aug 2022 12:37

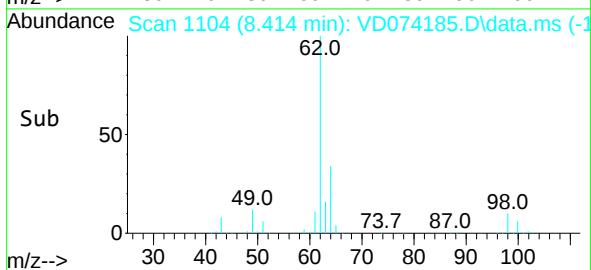
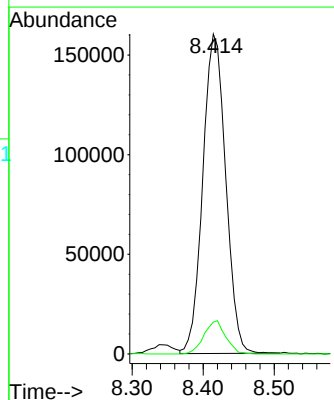
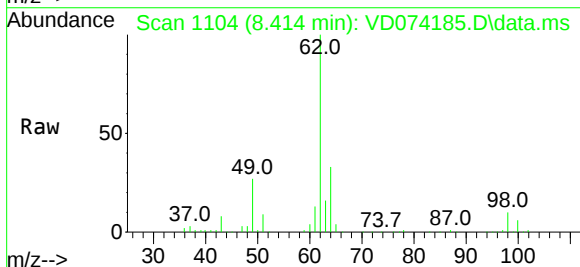
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

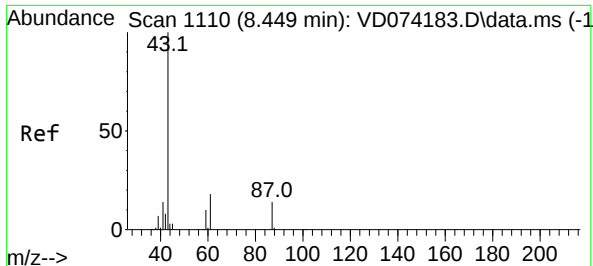
Tgt Ion:	41	Resp:	98123
Ion	Ratio	Lower	Upper
41	100		
39	63.2	44.6	67.0
67	79.9	48.2	72.4#
52	32.4	22.8	34.2



#42
1,2-Dichloroethane
Concen: 163.201 ug/l
RT: 8.414 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VD074185.D
Acq: 23 Aug 2022 12:37

Tgt Ion:	62	Resp:	359409
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	17.6

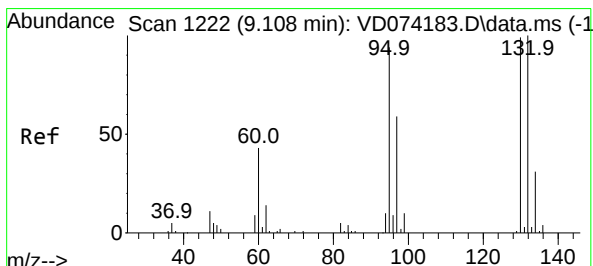
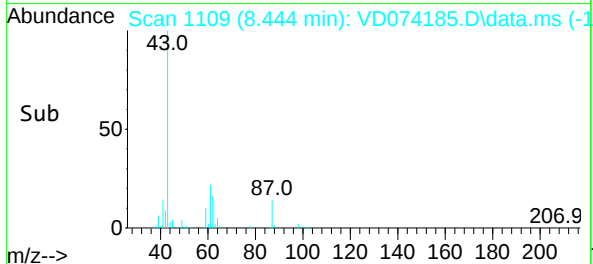
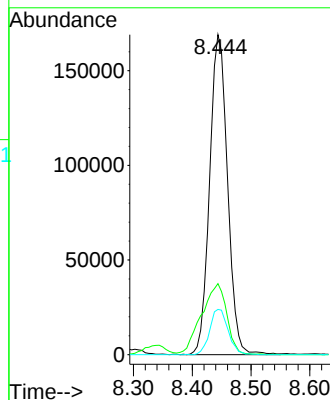
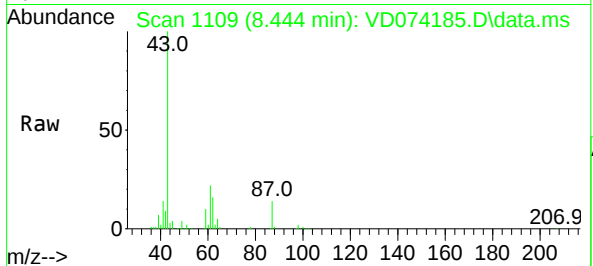




#43
Isopropyl Acetate
Concen: 187.530 ug/l
RT: 8.444 min Scan# 1110
Delta R.T. -0.006 min
Lab File: VD074185.D
Acq: 23 Aug 2022 12:37

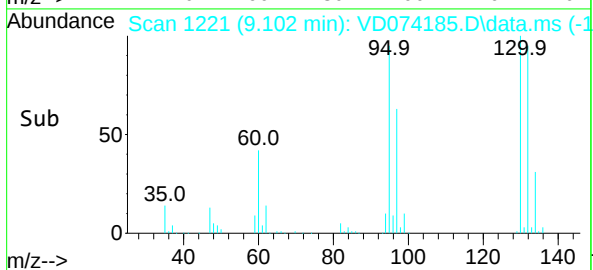
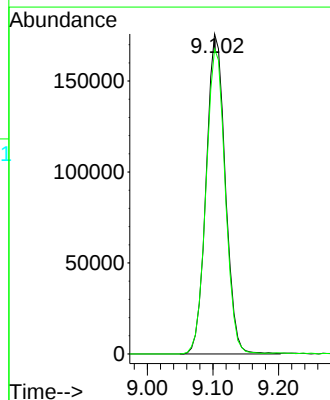
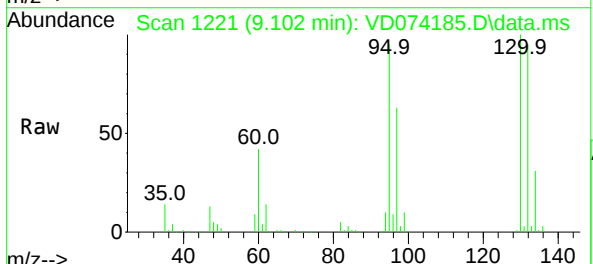
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

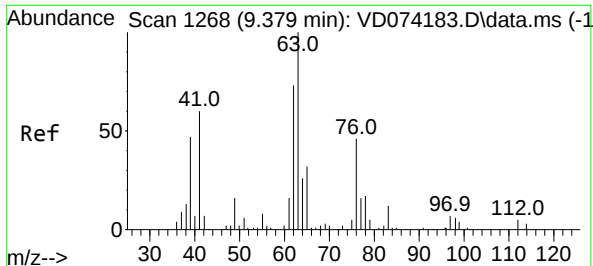
Tgt Ion: 43 Resp: 358593
Ion Ratio Lower Upper
43 100
61 31.4 22.4 33.6
87 14.5 8.7 13.1#



#44
Trichloroethene
Concen: 165.291 ug/l
RT: 9.102 min Scan# 1221
Delta R.T. -0.006 min
Lab File: VD074185.D
Acq: 23 Aug 2022 12:37

Tgt Ion:130 Resp: 356668
Ion Ratio Lower Upper
130 100
95 95.3 0.0 205.4





#45

1,2-Dichloropropane

Concen: 167.426 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. 0.000 min

Lab File: VD074185.D

Acq: 23 Aug 2022 12:37

Instrument :

MSVOA_D

ClientSampleId :

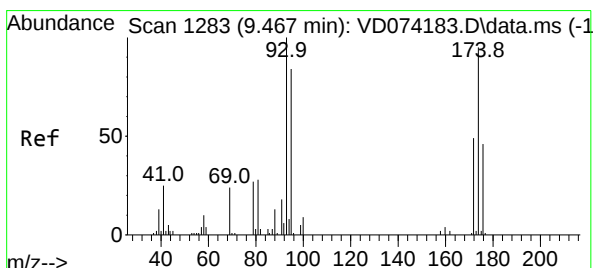
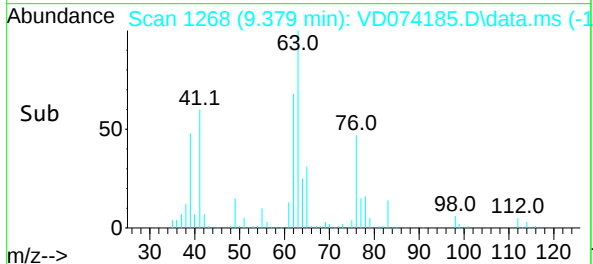
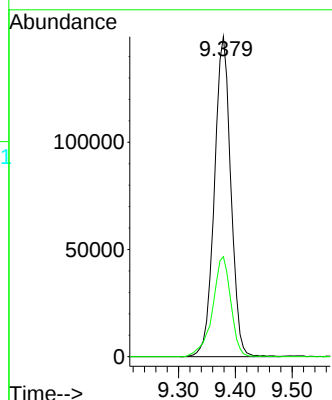
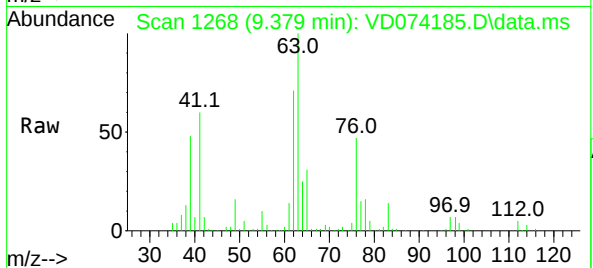
VSTDIC150

Tgt Ion: 63 Resp: 299880

Ion Ratio Lower Upper

63 100

65 31.2 26.2 39.4



#46

Dibromomethane

Concen: 153.323 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. 0.000 min

Lab File: VD074185.D

Acq: 23 Aug 2022 12:37

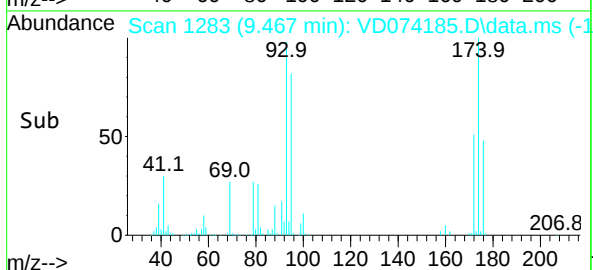
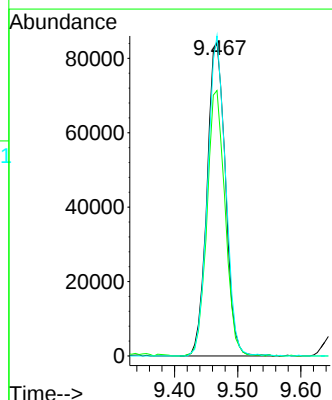
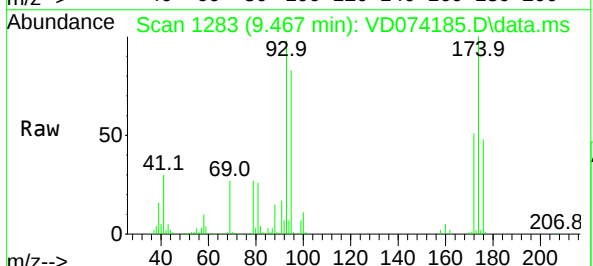
Tgt Ion: 93 Resp: 170341

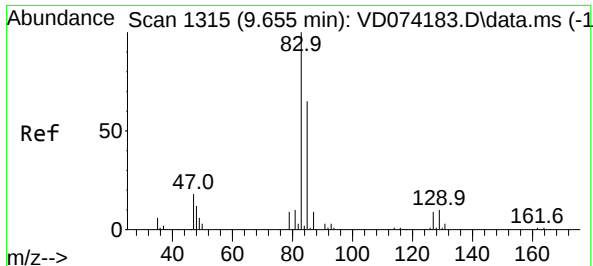
Ion Ratio Lower Upper

93 100

95 83.6 66.7 100.1

174 99.3 71.6 107.4





#47

Bromodichloromethane

Concen: 153.425 ug/l

RT: 9.655 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VD074185.D

Acq: 23 Aug 2022 12:37

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

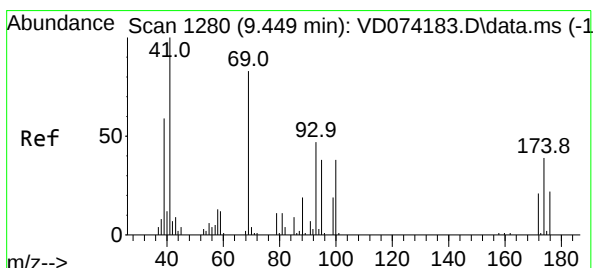
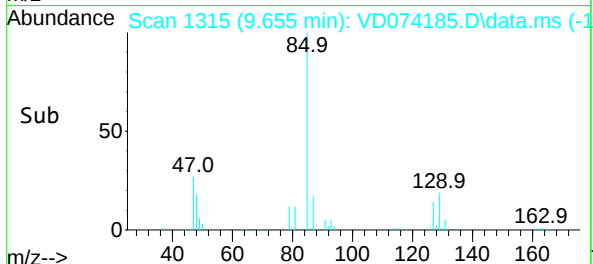
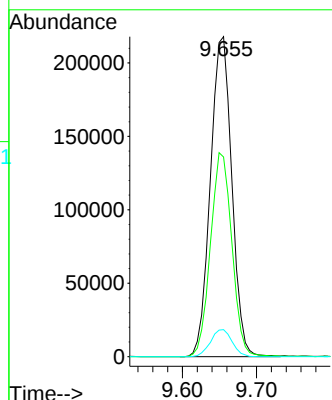
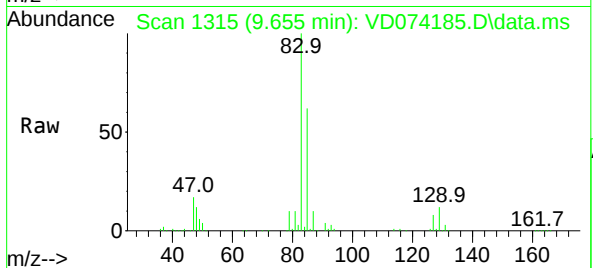
Tgt Ion: 83 Resp: 437872

Ion Ratio Lower Upper

83 100

85 62.4 51.4 77.0

127 8.5 6.1 9.1



#48

Methyl methacrylate

Concen: 197.110 ug/l

RT: 9.450 min Scan# 1280

Delta R.T. 0.000 min

Lab File: VD074185.D

Acq: 23 Aug 2022 12:37

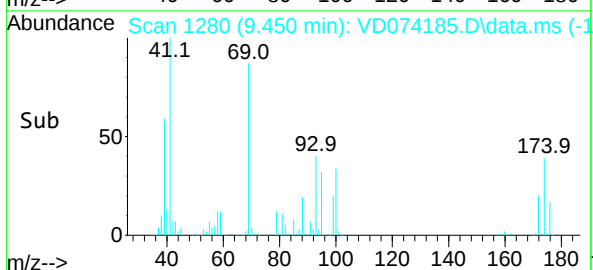
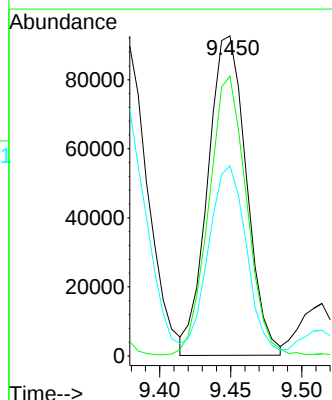
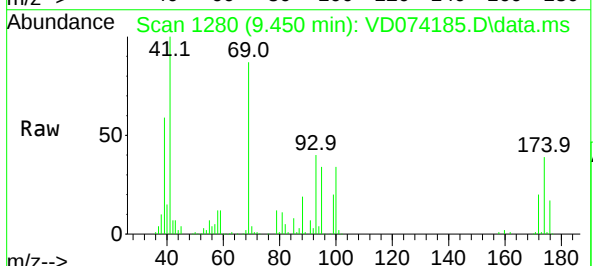
Tgt Ion: 41 Resp: 175267

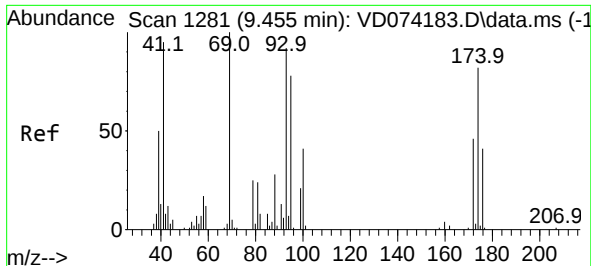
Ion Ratio Lower Upper

41 100

69 85.1 56.7 85.1

39 55.0 42.7 64.1





#49

1,4-Dioxane

Concen: 3657.715 ug/l

RT: 9.455 min Scan# 1281

Delta R.T. 0.000 min

Lab File: VD074185.D

Acq: 23 Aug 2022 12:37

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

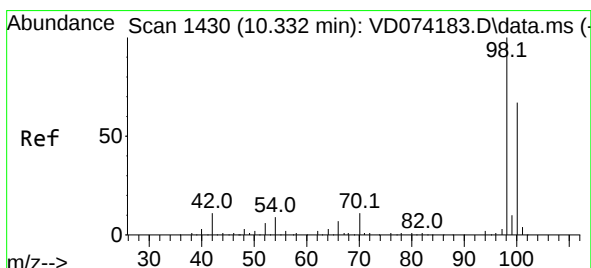
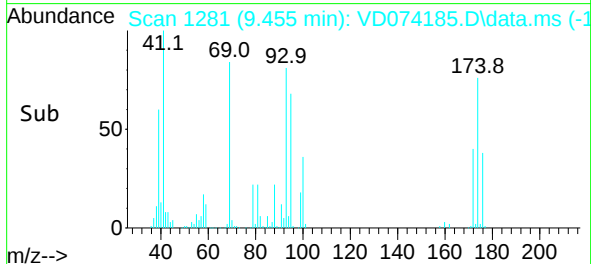
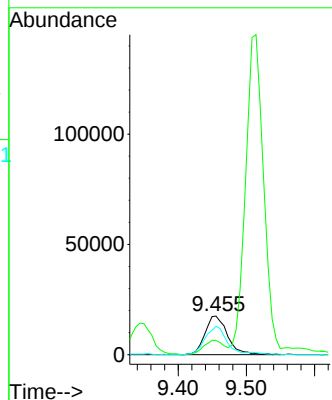
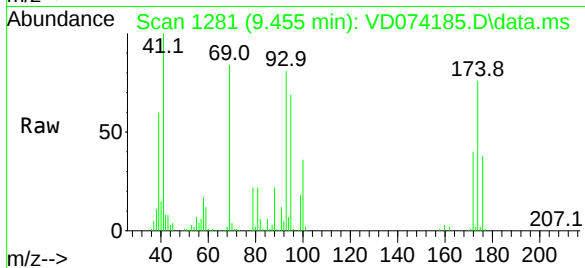
Tgt Ion: 88 Resp: 40231

Ion Ratio Lower Upper

88 100

43 34.3 31.0 46.4

58 73.7 58.1 87.1



#50

Toluene-d8

Concen: 137.936 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VD074185.D

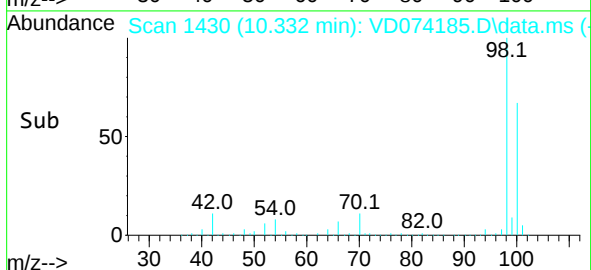
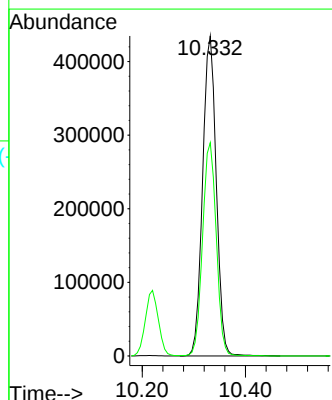
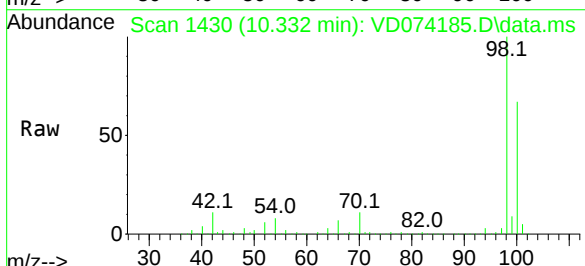
Acq: 23 Aug 2022 12:37

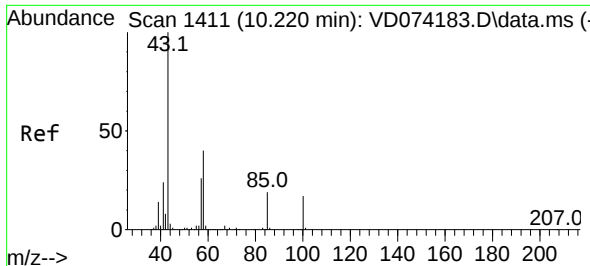
Tgt Ion: 98 Resp: 796357

Ion Ratio Lower Upper

98 100

100 67.1 52.4 78.6

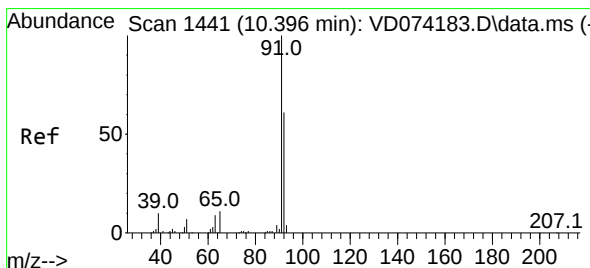
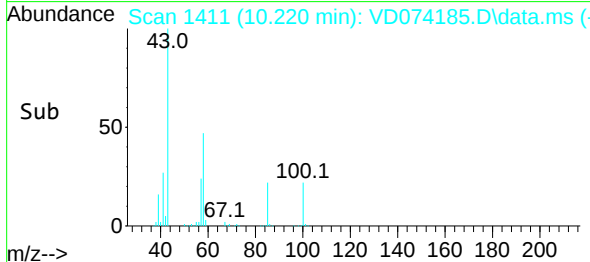
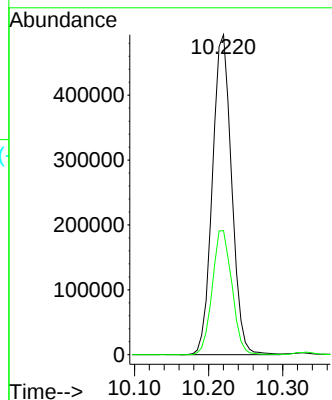
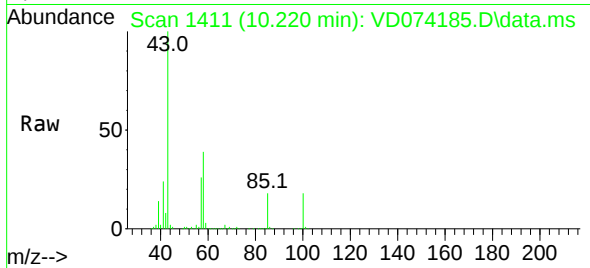




#51
4-Methyl-2-Pentanone
Concen: 906.541 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD074185.D
Acq: 23 Aug 2022 12:37

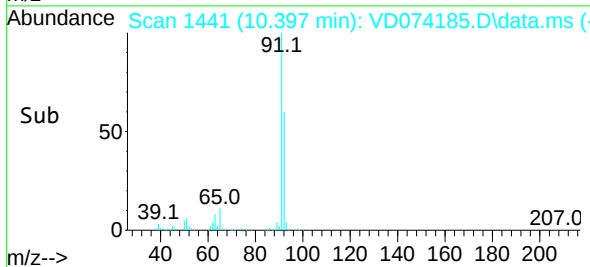
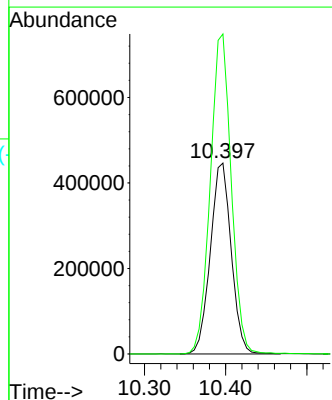
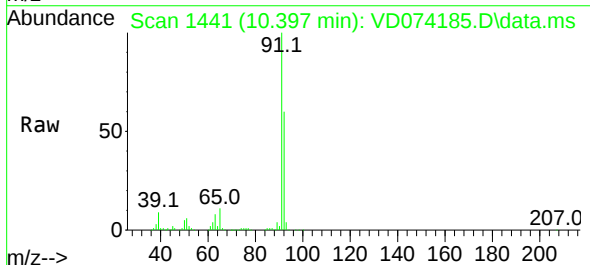
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

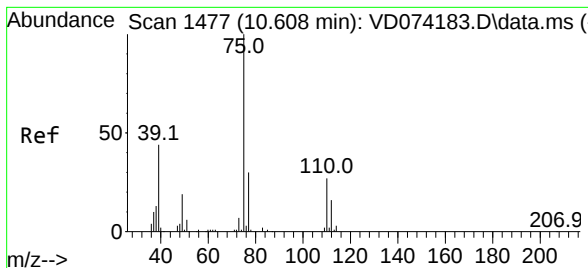
Tgt Ion: 43 Resp: 888910
Ion Ratio Lower Upper
43 100
58 39.6 28.6 43.0



#52
Toluene
Concen: 165.045 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VD074185.D
Acq: 23 Aug 2022 12:37

Tgt Ion: 92 Resp: 797910
Ion Ratio Lower Upper
92 100
91 168.4 139.6 209.4

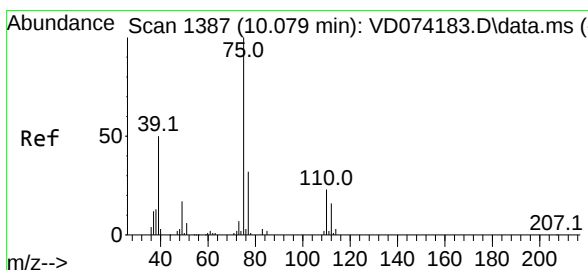
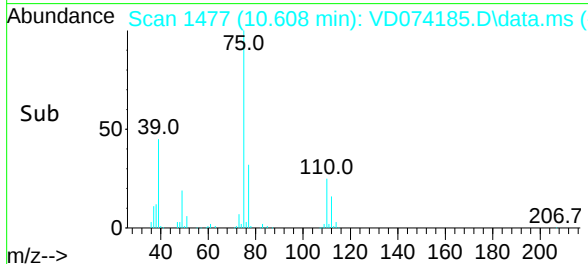
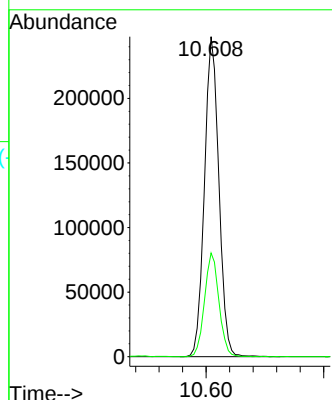
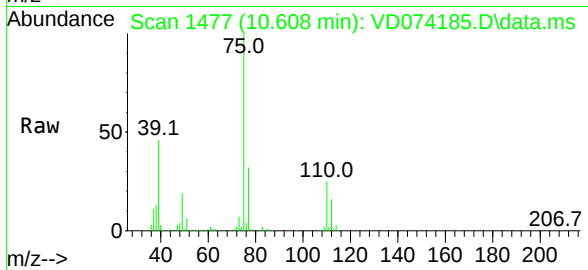




#53
t-1,3-Dichloropropene
Concen: 171.396 ug/l
RT: 10.608 min Scan# 1477
Delta R.T. 0.000 min
Lab File: VD074185.D
Acq: 23 Aug 2022 12:37

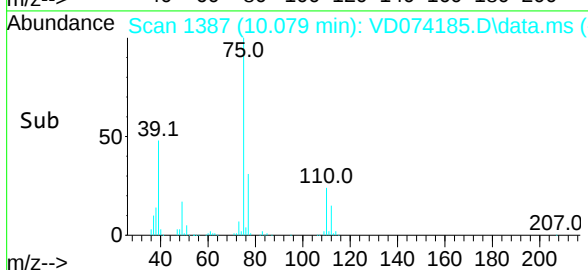
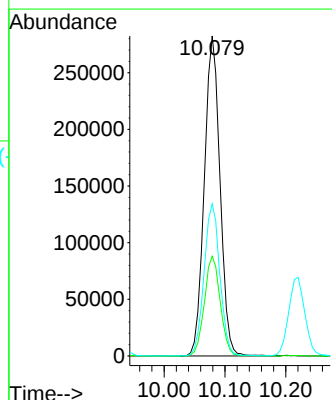
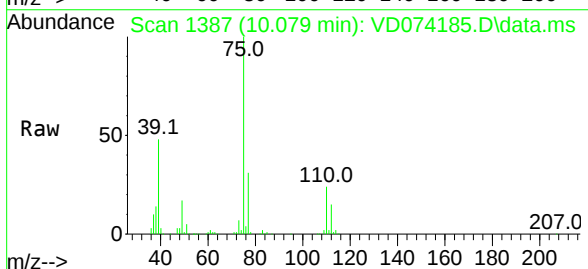
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

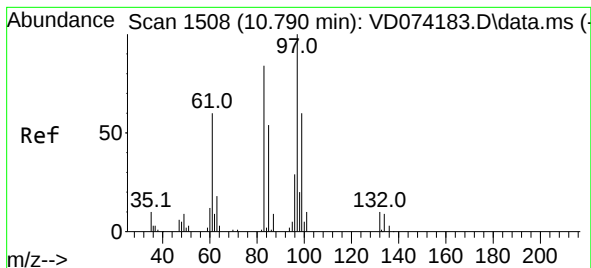
Tgt Ion: 75 Resp: 421716
Ion Ratio Lower Upper
75 100
77 32.4 24.5 36.7



#54
cis-1,3-Dichloropropene
Concen: 176.147 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VD074185.D
Acq: 23 Aug 2022 12:37

Tgt Ion: 75 Resp: 505685
Ion Ratio Lower Upper
75 100
77 31.1 24.8 37.2
39 47.5 46.8 70.2



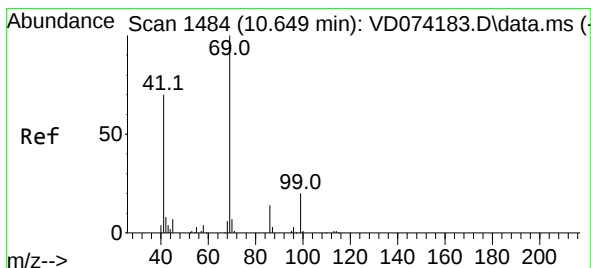
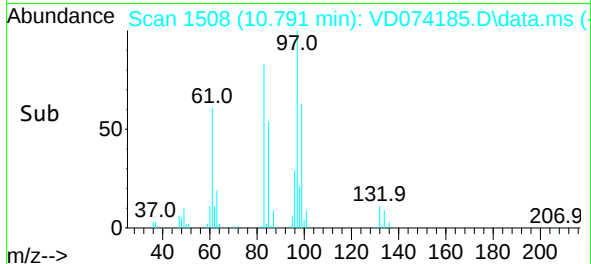
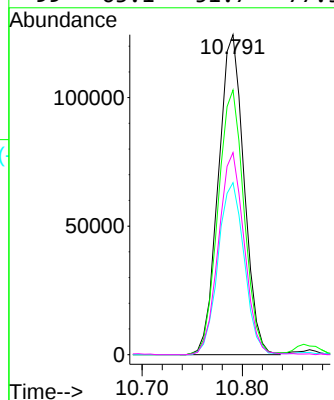
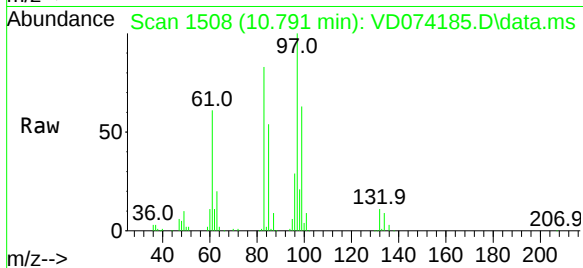


#55
1,1,2-Trichloroethane
Concen: 150.382 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VD074185.D
Acq: 23 Aug 2022 12:37

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tgt Ion: 97 Resp: 221403

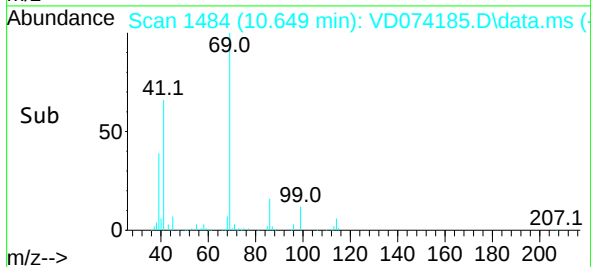
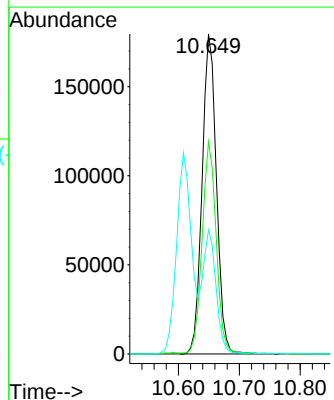
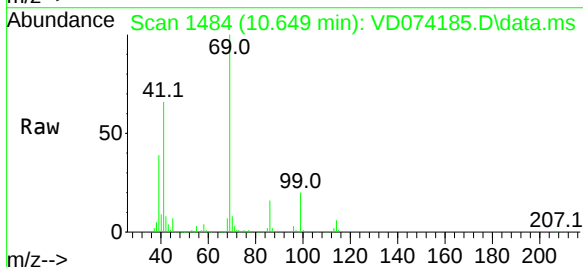
Ion	Ratio	Lower	Upper
97	100		
83	82.7	69.0	103.4
85	53.7	42.6	63.8
99	63.1	51.7	77.5

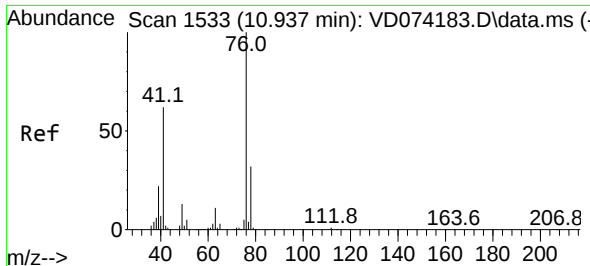


#56
Ethyl methacrylate
Concen: 189.656 ug/l
RT: 10.649 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VD074185.D
Acq: 23 Aug 2022 12:37

Tgt Ion: 69 Resp: 293511

Ion	Ratio	Lower	Upper
69	100		
41	65.2	63.0	94.6
39	35.7	33.8	50.8

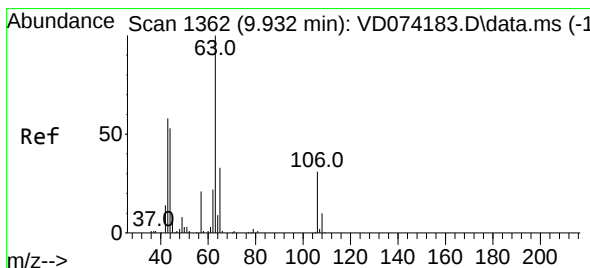
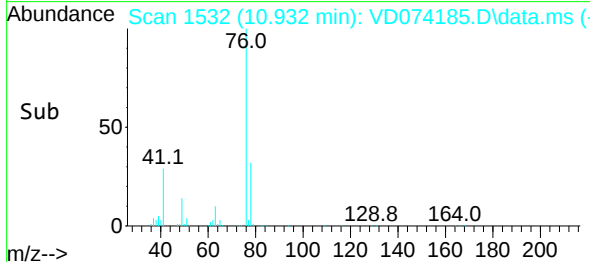
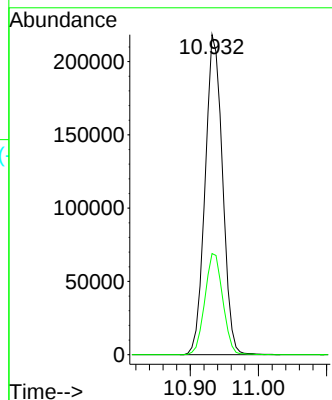
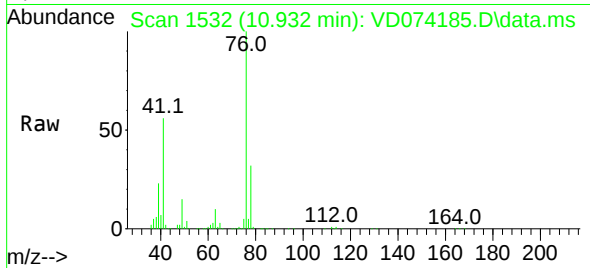




#57
1,3-Dichloropropane
Concen: 162.522 ug/l
RT: 10.932 min Scan# 1532
Delta R.T. -0.006 min
Lab File: VD074185.D
Acq: 23 Aug 2022 12:37

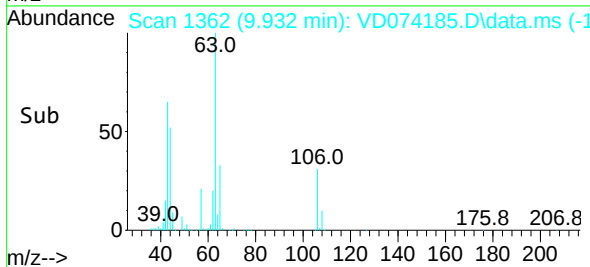
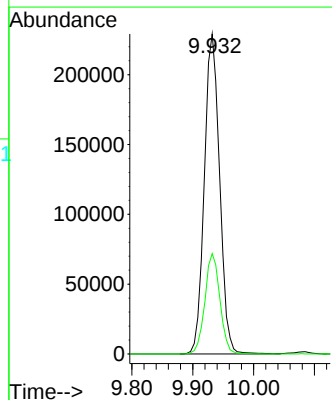
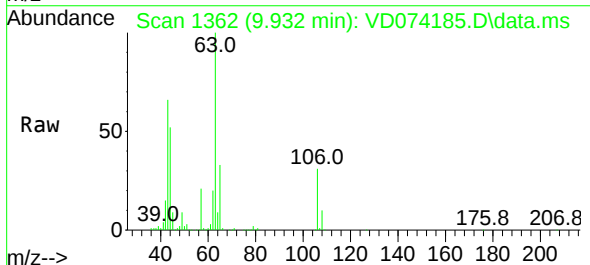
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

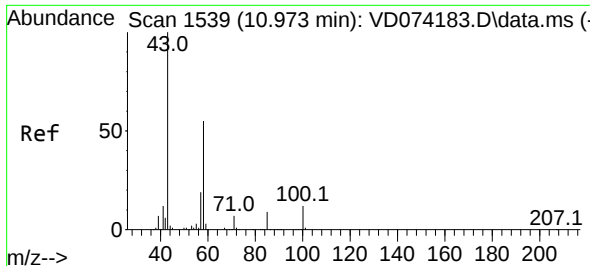
Tgt Ion: 76 Resp: 387356
Ion Ratio Lower Upper
76 100
78 32.6 26.0 39.0



#58
2-Chloroethyl Vinyl ether
Concen: 725.947 ug/l
RT: 9.932 min Scan# 1362
Delta R.T. 0.000 min
Lab File: VD074185.D
Acq: 23 Aug 2022 12:37

Tgt Ion: 63 Resp: 399575
Ion Ratio Lower Upper
63 100
106 30.8 21.4 32.0

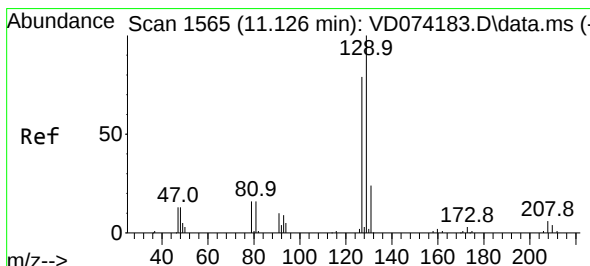
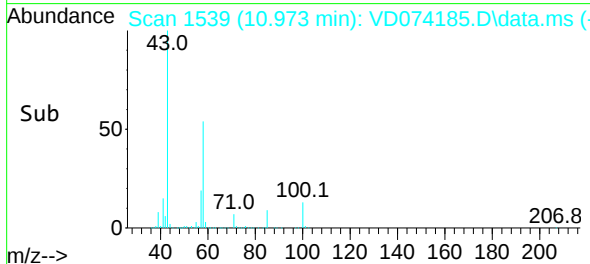
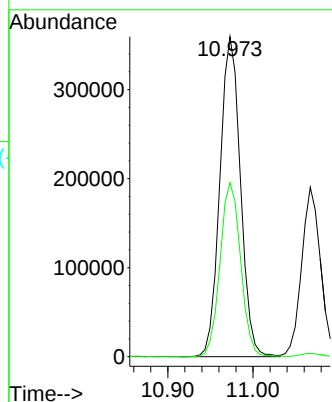
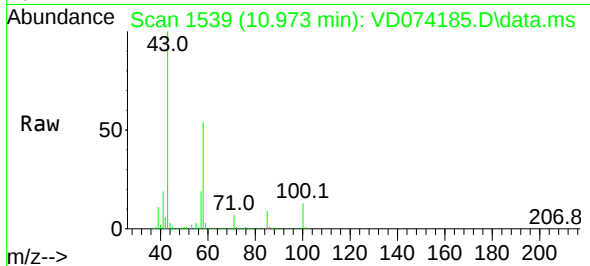




#59
2-Hexanone
Concen: 901.278 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VD074185.D
Acq: 23 Aug 2022 12:37

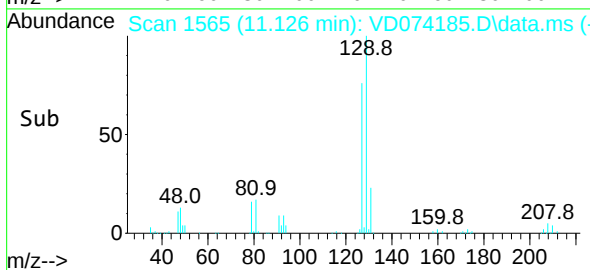
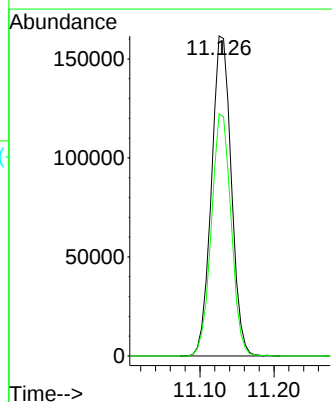
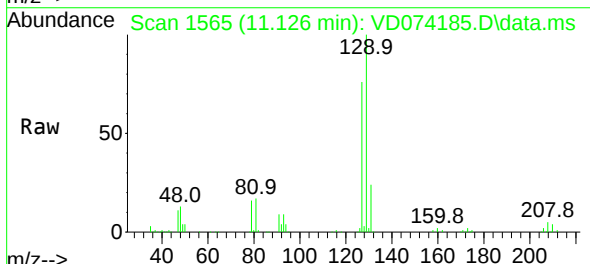
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

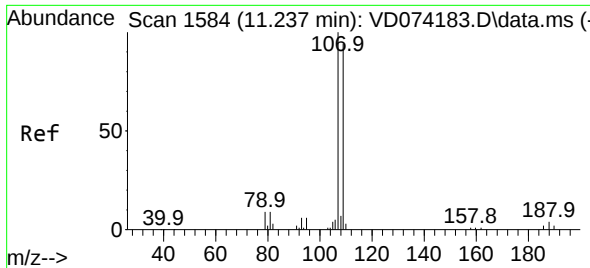
Tgt Ion: 43 Resp: 603602
Ion Ratio Lower Upper
43 100
58 54.4 25.3 75.9



#60
Dibromochloromethane
Concen: 150.808 ug/l
RT: 11.126 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VD074185.D
Acq: 23 Aug 2022 12:37

Tgt Ion: 129 Resp: 299952
Ion Ratio Lower Upper
129 100
127 75.4 39.2 117.6

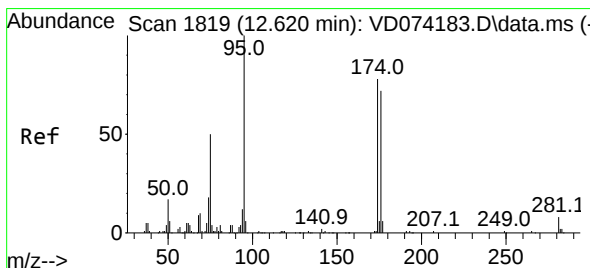
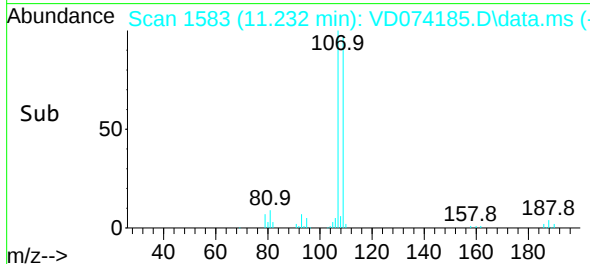
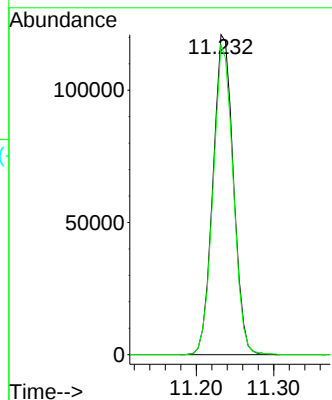
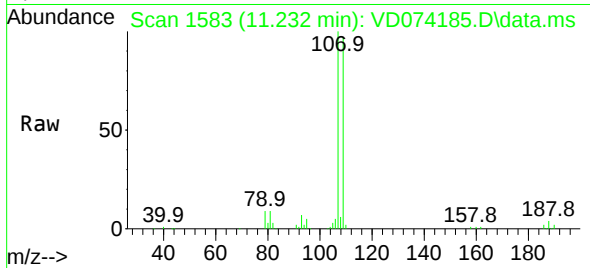




#61
1,2-Dibromoethane
Concen: 153.053 ug/l
RT: 11.232 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD074185.D
Acq: 23 Aug 2022 12:37

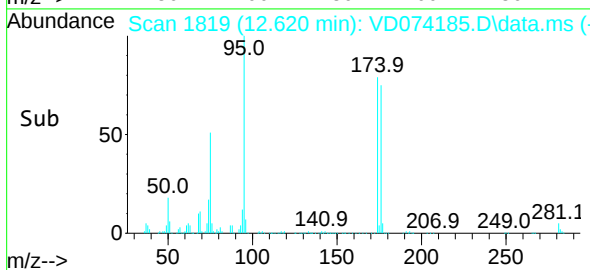
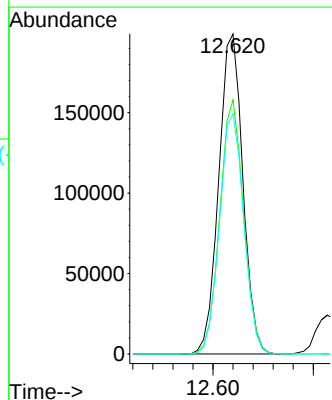
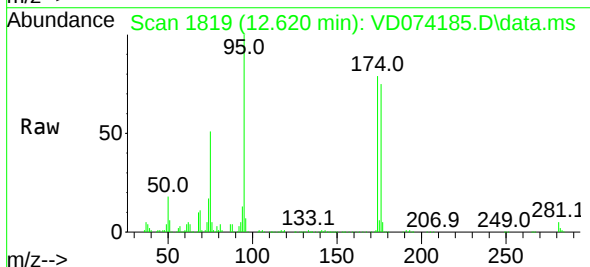
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

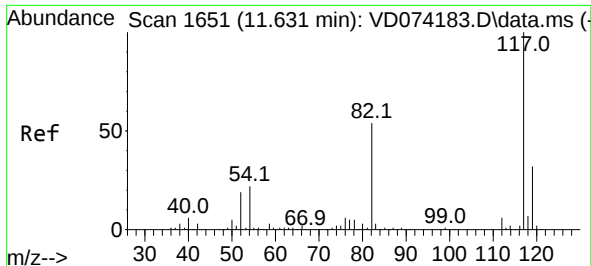
Tgt Ion:107 Resp: 220838
Ion Ratio Lower Upper
107 100
109 95.5 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 142.020 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD074185.D
Acq: 23 Aug 2022 12:37

Tgt Ion: 95 Resp: 331149
Ion Ratio Lower Upper
95 100
174 78.5 0.0 152.8
176 75.6 0.0 145.4

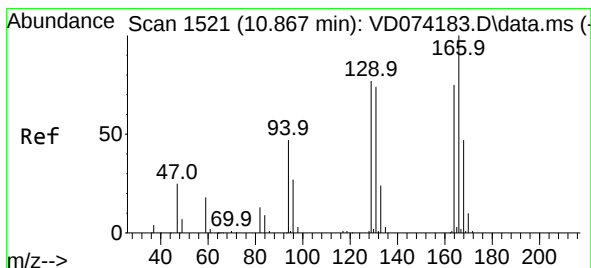
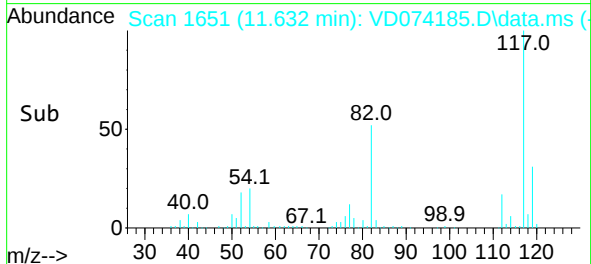
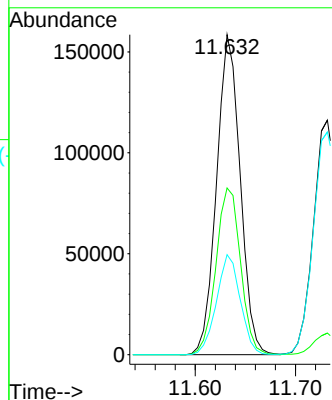
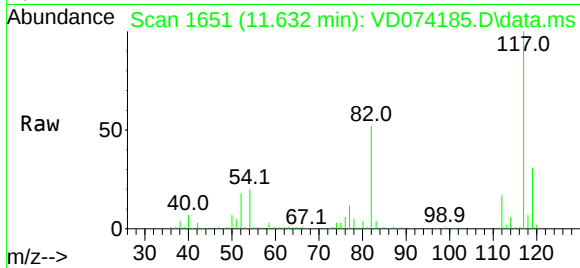




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. 0.000 min
Lab File: VD074185.D
Acq: 23 Aug 2022 12:37

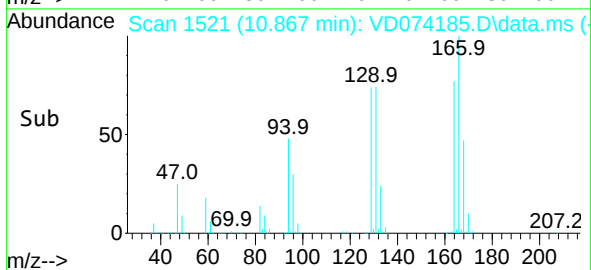
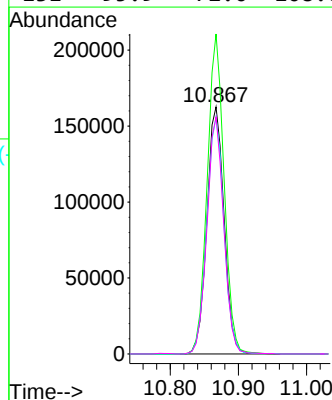
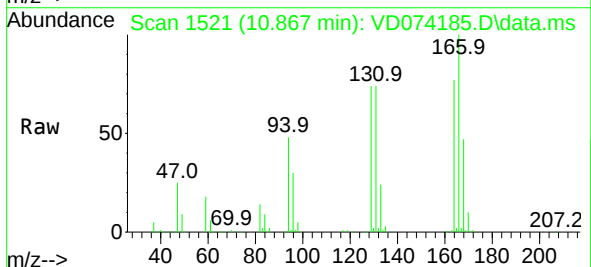
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

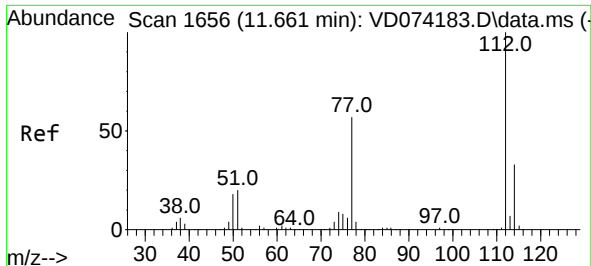
Tgt Ion:117 Resp: 259677
Ion Ratio Lower Upper
117 100
82 52.1 45.3 67.9
119 31.2 26.6 40.0



#64
Tetrachloroethene
Concen: 167.189 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VD074185.D
Acq: 23 Aug 2022 12:37

Tgt Ion:164 Resp: 285382
Ion Ratio Lower Upper
164 100
166 129.6 98.5 147.7
129 95.9 74.6 111.8
131 95.9 72.0 108.0

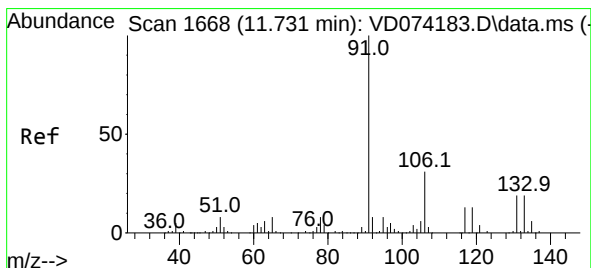
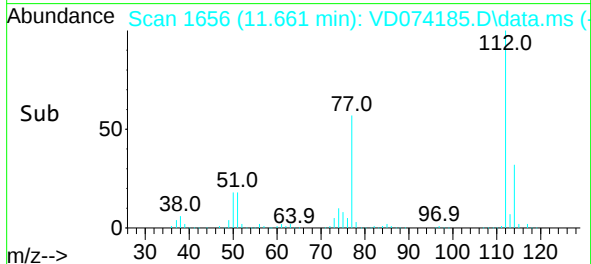
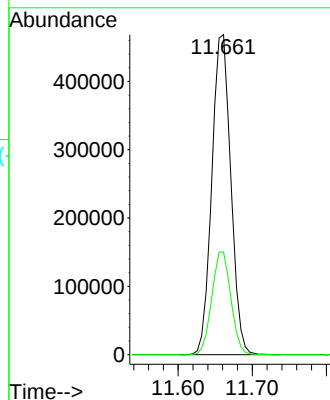
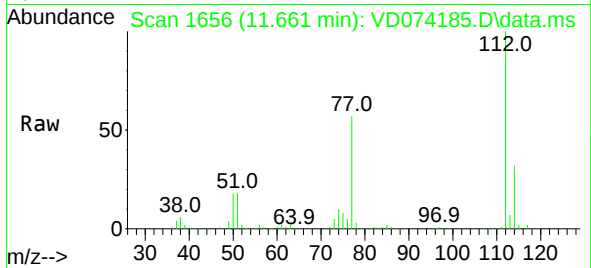




#65
Chlorobenzene
Concen: 158.751 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD074185.D
Acq: 23 Aug 2022 12:37

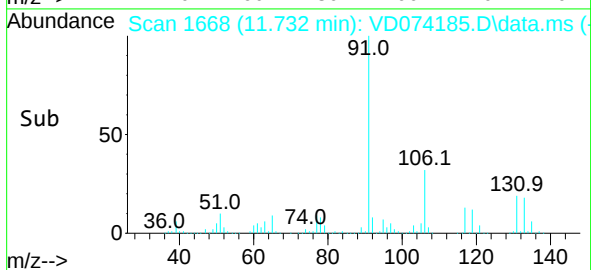
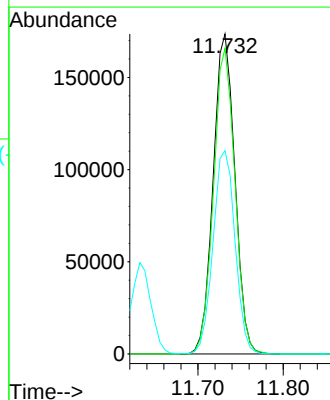
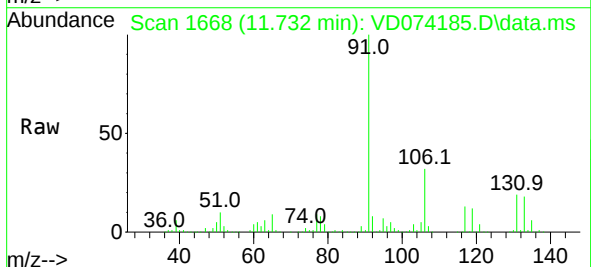
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

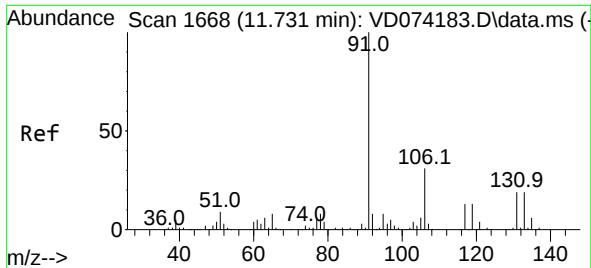
Tgt Ion:112 Resp: 832300
Ion Ratio Lower Upper
112 100
114 32.1 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 149.561 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. 0.000 min
Lab File: VD074185.D
Acq: 23 Aug 2022 12:37

Tgt Ion:131 Resp: 306101
Ion Ratio Lower Upper
131 100
133 94.4 48.1 144.3
119 64.7 31.9 95.9





#67

Ethyl Benzene

Concen: 167.469 ug/l

RT: 11.732 min Scan# 1668

Delta R.T. 0.000 min

Lab File: VD074185.D

Acq: 23 Aug 2022 12:37

Instrument :

MSVOA_D

ClientSampleId :

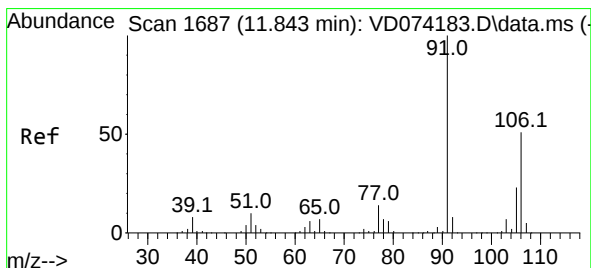
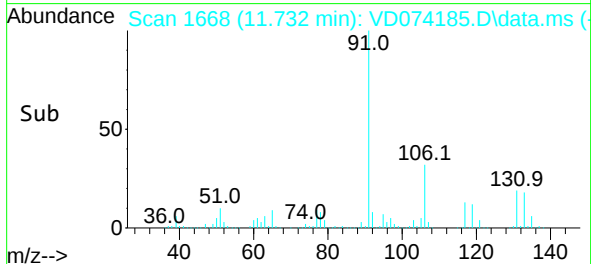
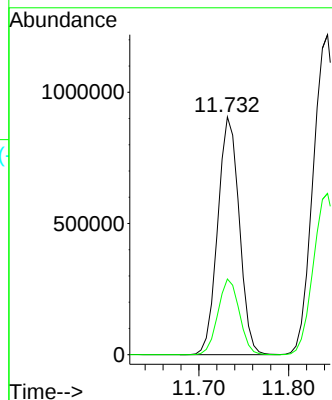
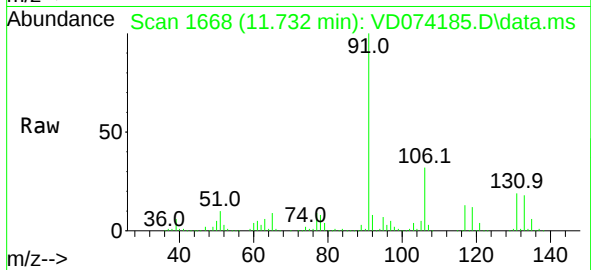
VSTDIC150

Tgt Ion: 91 Resp: 1507733

Ion Ratio Lower Upper

91 100

106 31.9 24.2 36.4



#68

m/p-Xylenes

Concen: 327.273 ug/l

RT: 11.844 min Scan# 1687

Delta R.T. 0.000 min

Lab File: VD074185.D

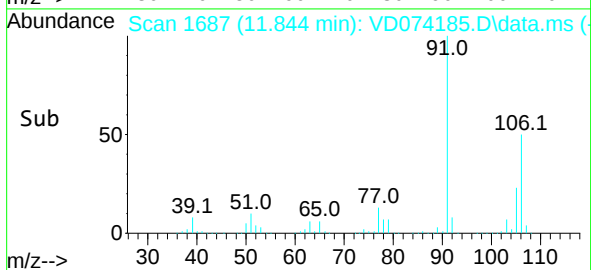
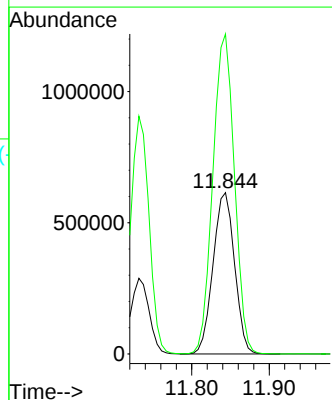
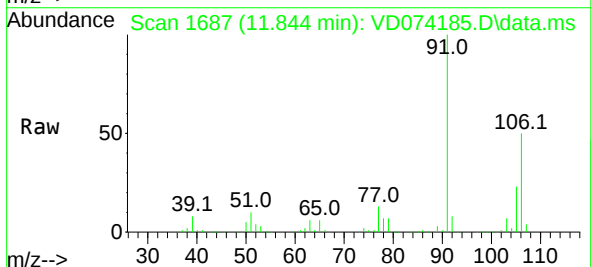
Acq: 23 Aug 2022 12:37

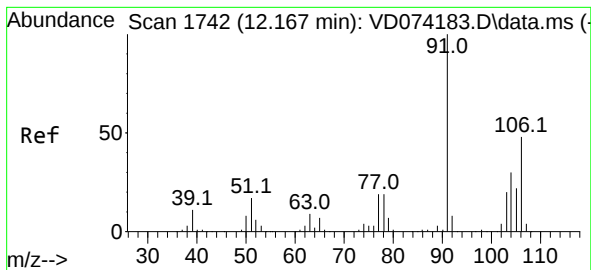
Tgt Ion:106 Resp: 1183724

Ion Ratio Lower Upper

106 100

91 198.7 163.7 245.5





#69

o-Xylene

Concen: 168.262 ug/l

RT: 12.167 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD074185.D

Acq: 23 Aug 2022 12:37

Instrument :

MSVOA_D

ClientSampleId :

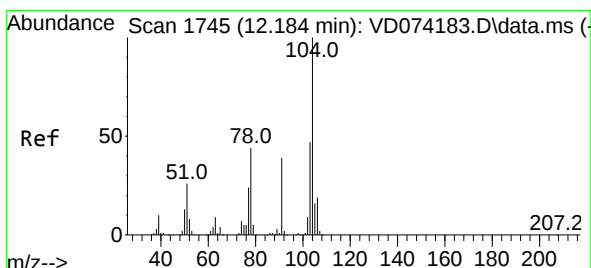
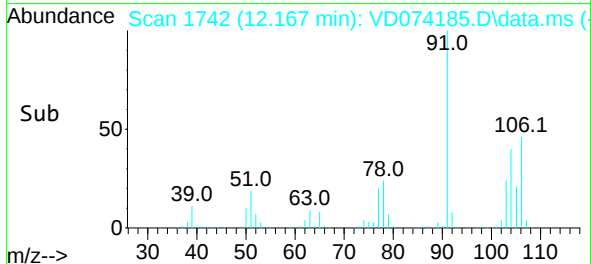
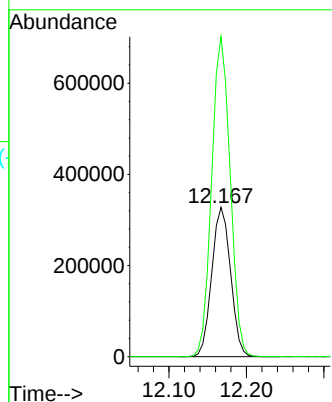
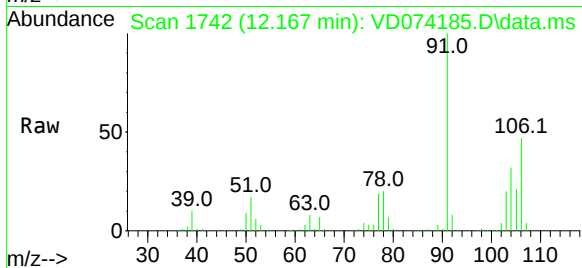
VSTDIC150

Tgt Ion:106 Resp: 553595

Ion Ratio Lower Upper

106 100

91 211.5 110.4 331.2



#70

Styrene

Concen: 162.099 ug/l

RT: 12.185 min Scan# 1745

Delta R.T. 0.000 min

Lab File: VD074185.D

Acq: 23 Aug 2022 12:37

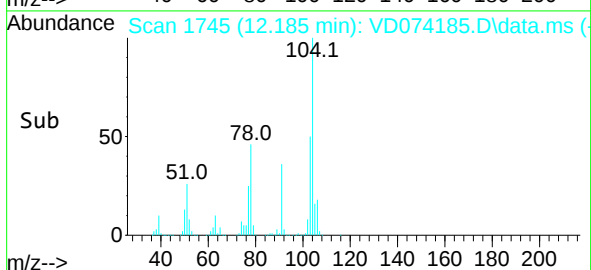
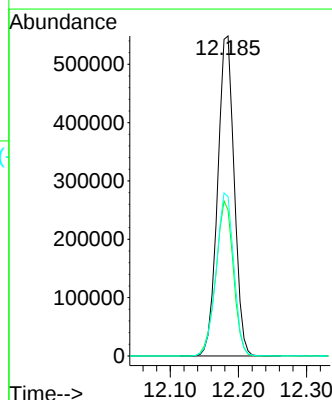
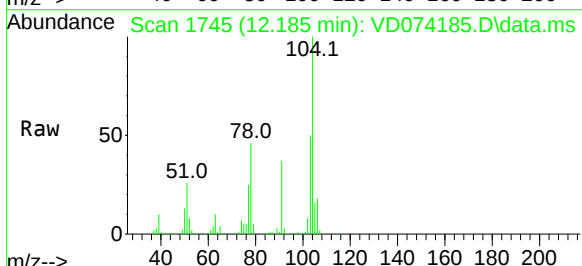
Tgt Ion:104 Resp: 929298

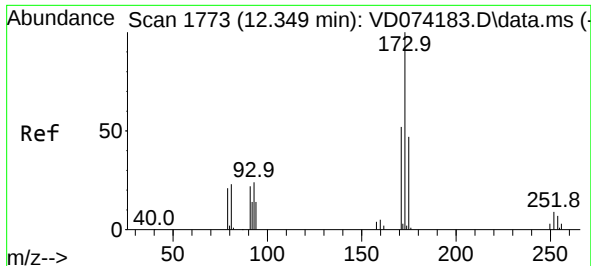
Ion Ratio Lower Upper

104 100

78 51.2 41.8 62.8

103 54.0 44.2 66.4

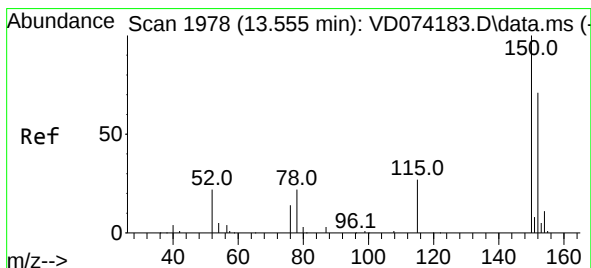
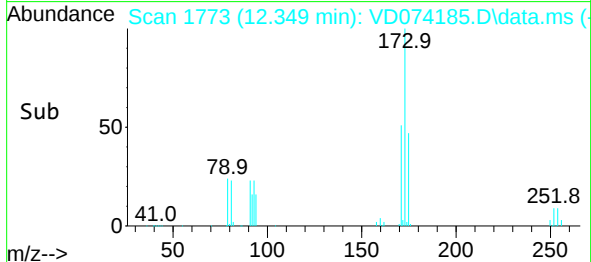
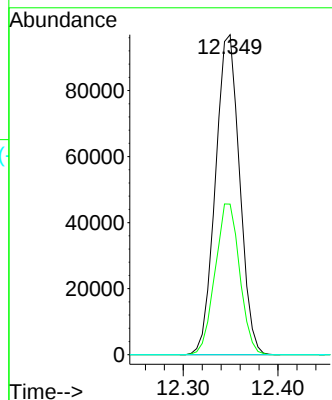
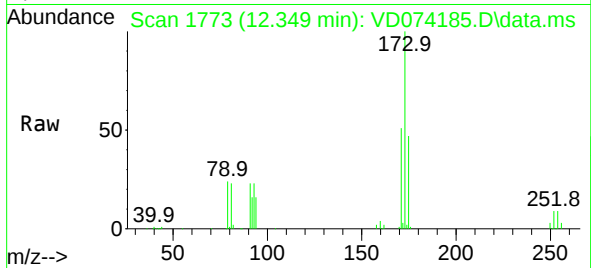




#71
Bromoform
Concen: 162.038 ug/l
RT: 12.349 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD074185.D
Acq: 23 Aug 2022 12:37

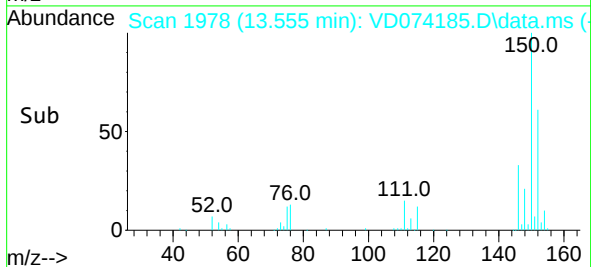
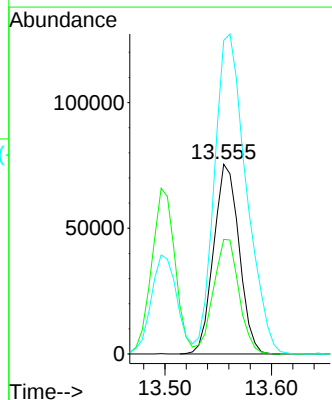
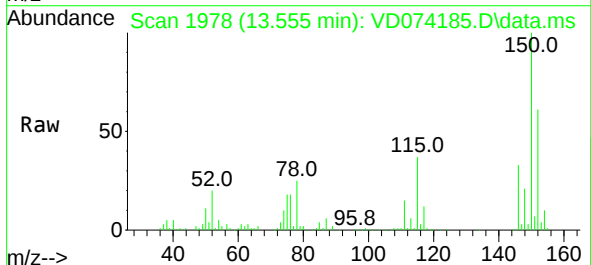
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

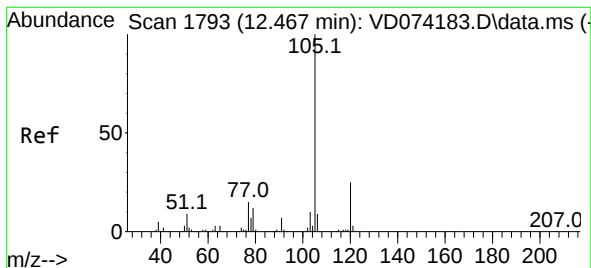
Tgt Ion:173 Resp: 172020
Ion Ratio Lower Upper
173 100
175 47.9 23.9 71.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.555 min Scan# 1978
Delta R.T. 0.000 min
Lab File: VD074185.D
Acq: 23 Aug 2022 12:37

Tgt Ion:152 Resp: 125248
Ion Ratio Lower Upper
152 100
115 60.8 31.3 93.8
150 210.8 0.0 348.6





#73

Isopropylbenzene

Concen: 176.308 ug/l

RT: 12.467 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD074185.D

Acq: 23 Aug 2022 12:37

Instrument :

MSVOA_D

ClientSampleId :

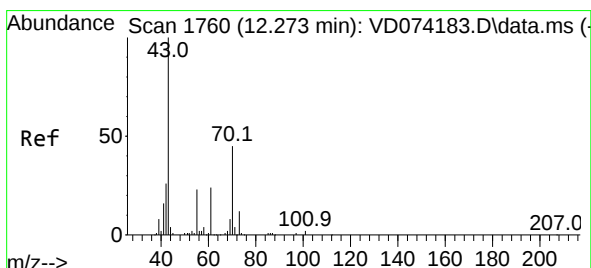
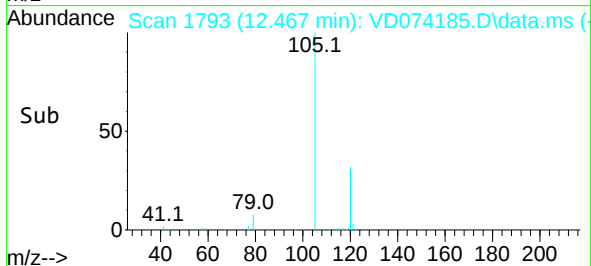
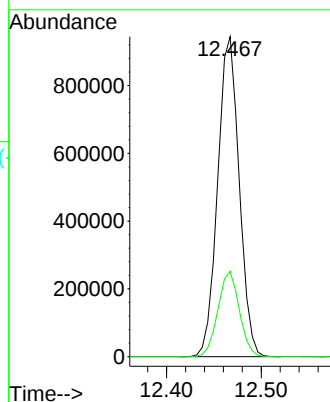
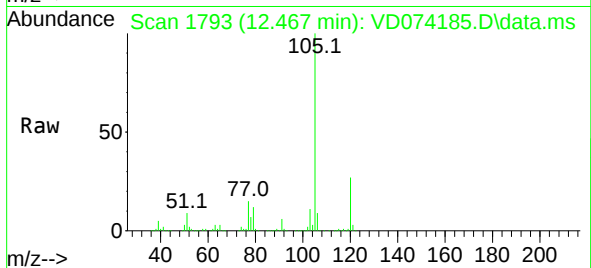
VSTDIC150

Tgt Ion:105 Resp: 1489258

Ion Ratio Lower Upper

105 100

120 26.5 13.0 38.9



#74

N-ethyl acetate

Concen: 197.839 ug/l

RT: 12.273 min Scan# 1760

Delta R.T. 0.000 min

Lab File: VD074185.D

Acq: 23 Aug 2022 12:37

Tgt Ion: 43 Resp: 328004

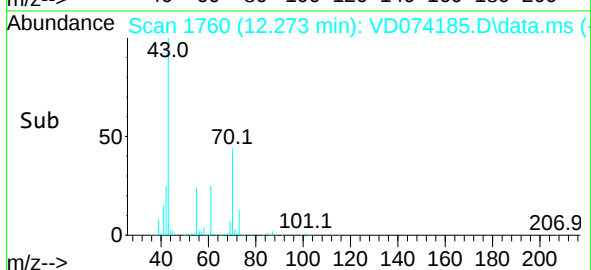
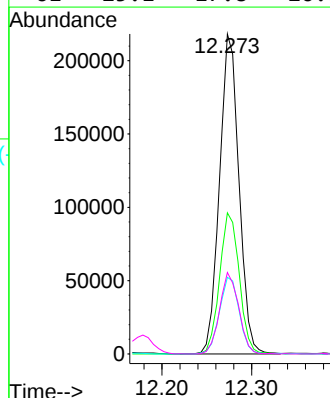
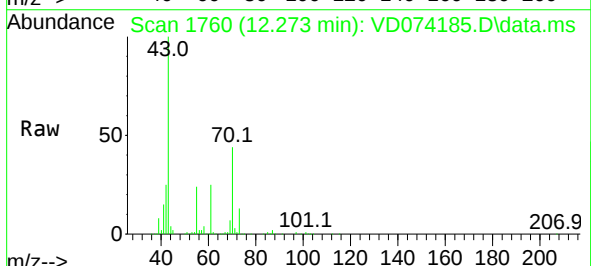
Ion Ratio Lower Upper

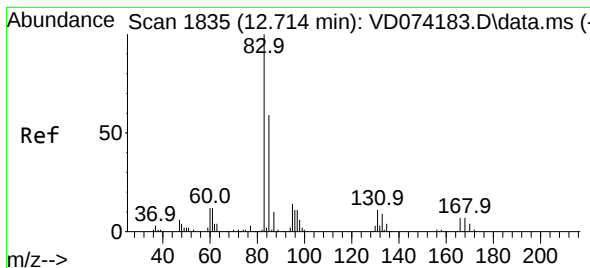
43 100

70 44.6 31.3 46.9

55 24.5 20.0 30.0

61 25.1 17.8 26.8





#75

1,1,2,2-Tetrachloroethane

Concen: 159.095 ug/l

RT: 12.714 min Scan# 1835

Delta R.T. 0.000 min

Lab File: VD074185.D

Acq: 23 Aug 2022 12:37

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

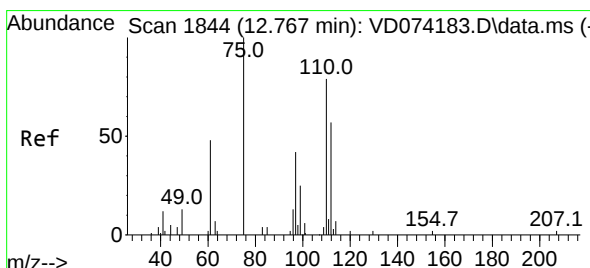
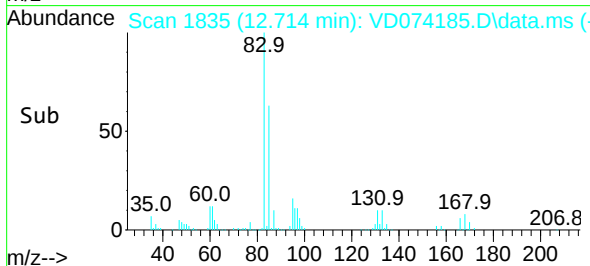
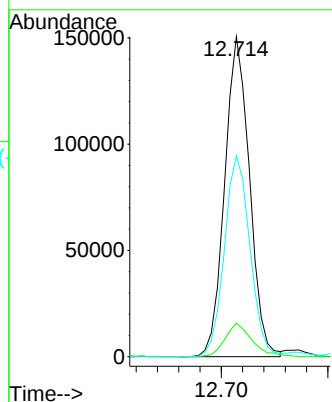
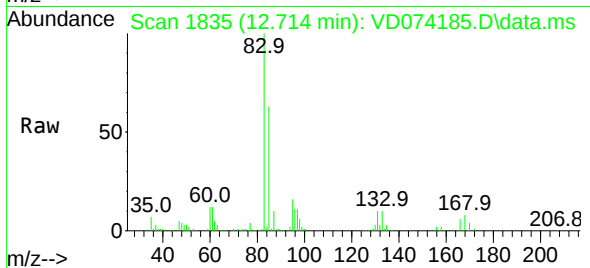
Tgt Ion: 83 Resp: 243425

Ion Ratio Lower Upper

83 100

131 11.3 5.0 14.9

85 64.6 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 272.485 ug/l

RT: 12.767 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VD074185.D

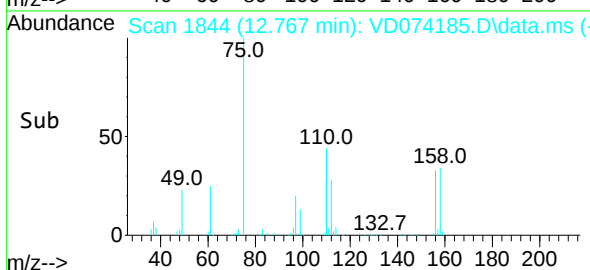
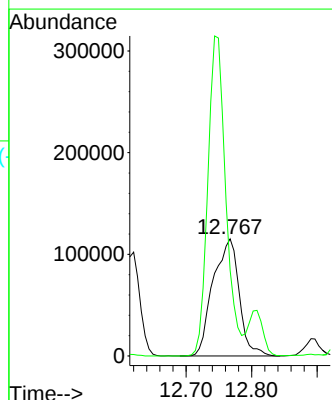
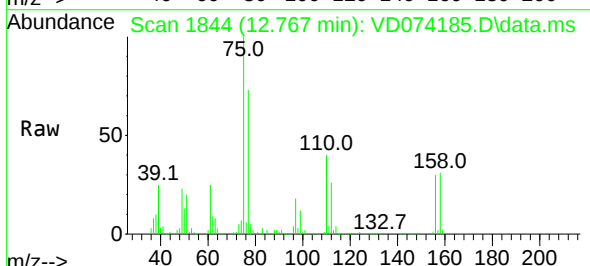
Acq: 23 Aug 2022 12:37

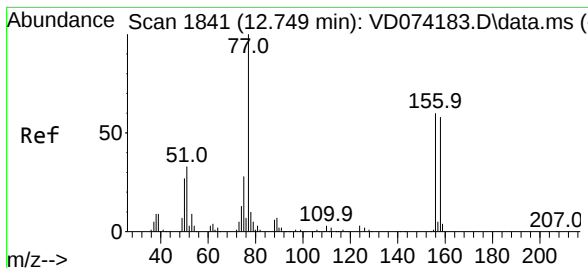
Tgt Ion: 75 Resp: 317712

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 163.523 ug/l

RT: 12.743 min Scan# 1840

Delta R.T. -0.006 min

Lab File: VD074185.D

Acq: 23 Aug 2022 12:37

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

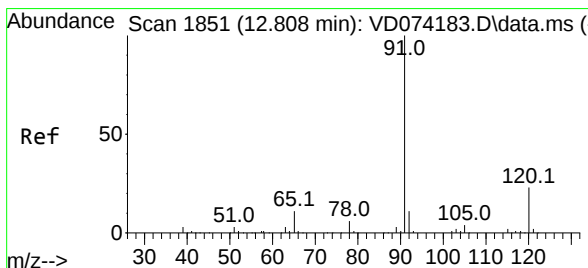
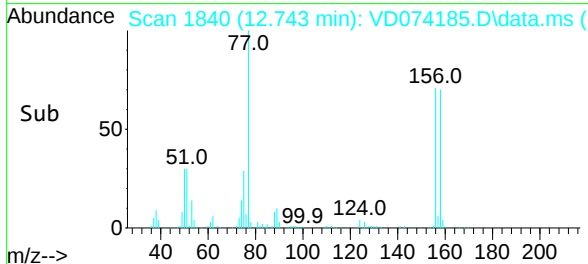
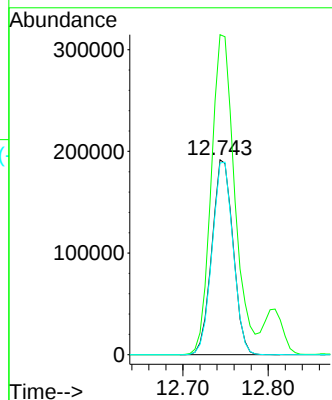
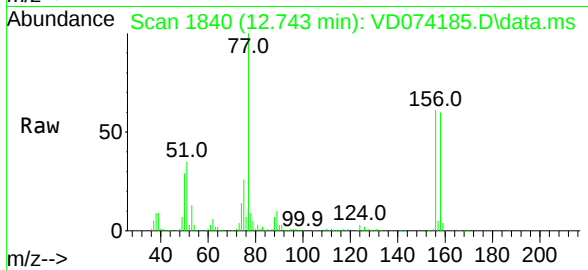
Tgt Ion:156 Resp: 330187

Ion Ratio Lower Upper

156 100

77 181.3 102.8 308.3

158 98.1 48.7 146.1



#78

n-propylbenzene

Concen: 169.923 ug/l

RT: 12.808 min Scan# 1851

Delta R.T. 0.000 min

Lab File: VD074185.D

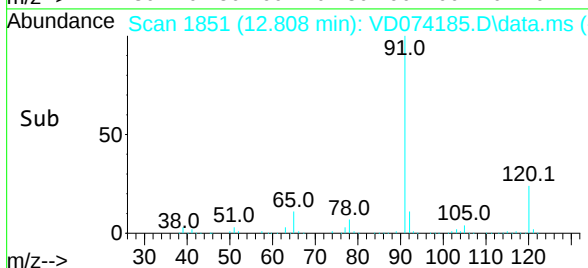
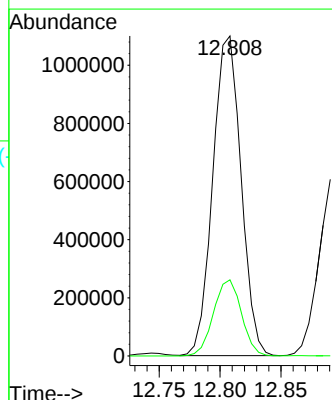
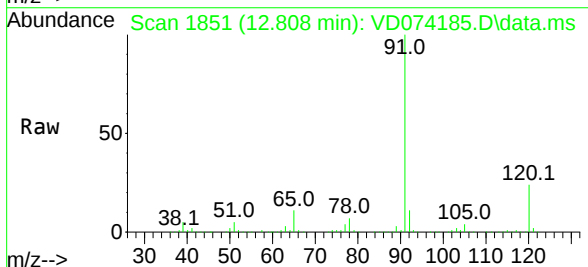
Acq: 23 Aug 2022 12:37

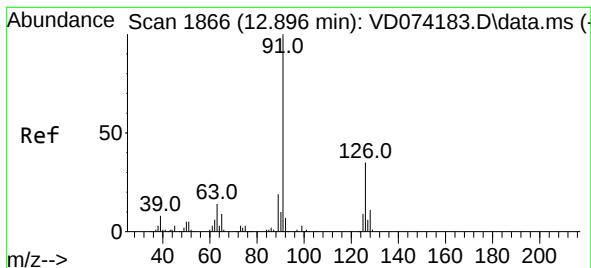
Tgt Ion: 91 Resp: 1775192

Ion Ratio Lower Upper

91 100

120 23.6 10.9 32.9





#79

2-Chlorotoluene

Concen: 169.553 ug/l

RT: 12.890 min Scan# 1866

Delta R.T. -0.006 min

Lab File: VD074185.D

Acq: 23 Aug 2022 12:37

Instrument :

MSVOA_D

ClientSampleId :

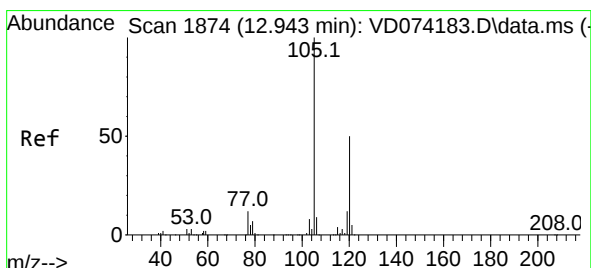
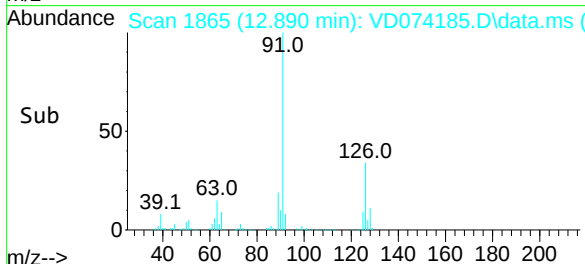
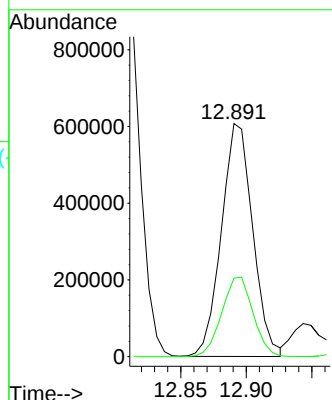
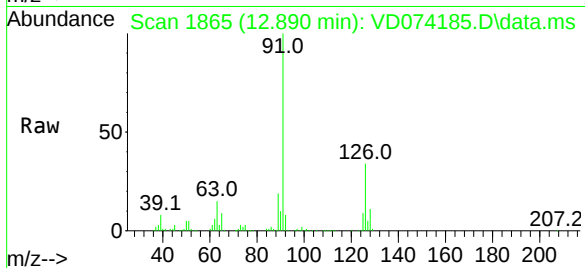
VSTDIC150

Tgt Ion: 91 Resp: 1008650

Ion Ratio Lower Upper

91 100

126 34.2 16.2 48.6



#80

1,3,5-Trimethylbenzene

Concen: 173.040 ug/l

RT: 12.943 min Scan# 1874

Delta R.T. 0.000 min

Lab File: VD074185.D

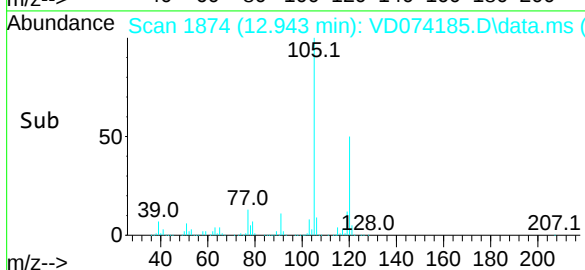
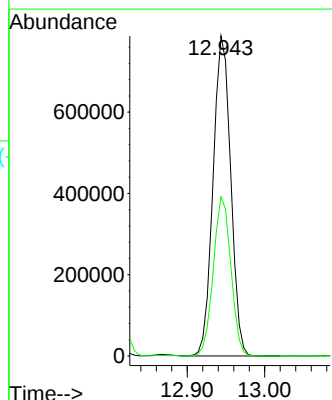
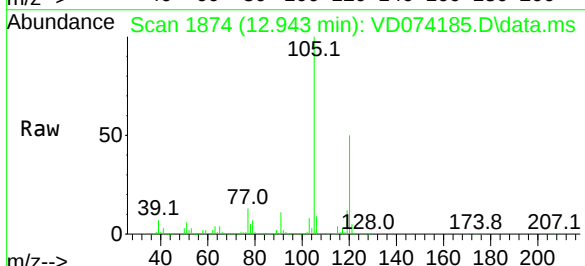
Acq: 23 Aug 2022 12:37

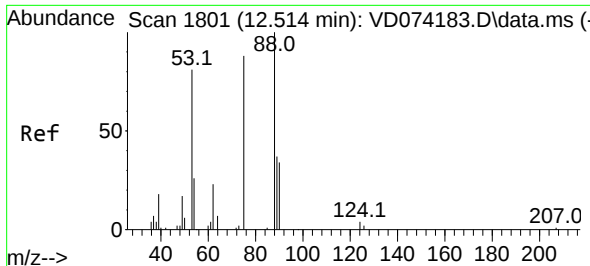
Tgt Ion:105 Resp: 1246270

Ion Ratio Lower Upper

105 100

120 49.5 24.3 72.8

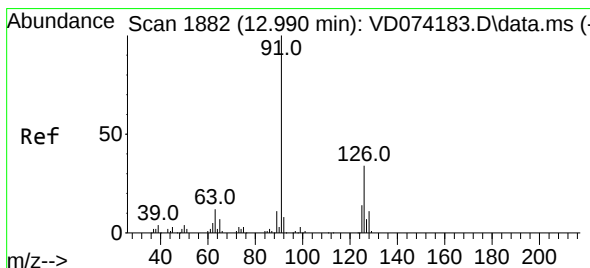
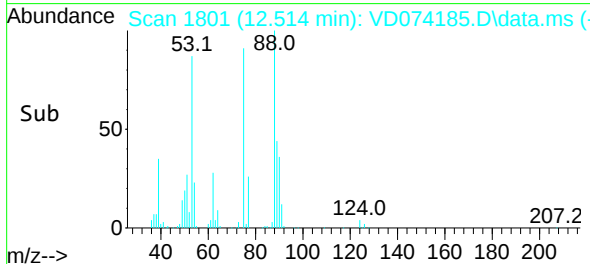
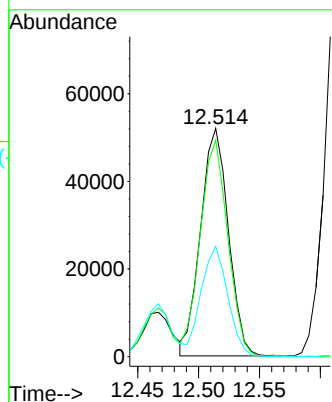
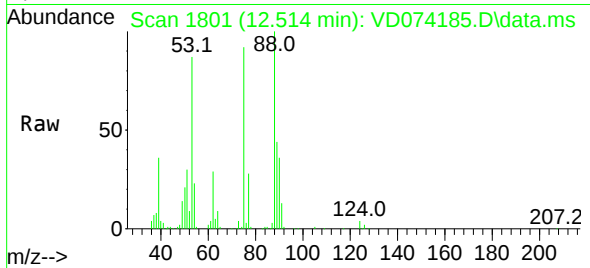




#81
trans-1,4-Dichloro-2-butene
Concen: 190.602 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. 0.000 min
Lab File: VD074185.D
Acq: 23 Aug 2022 12:37

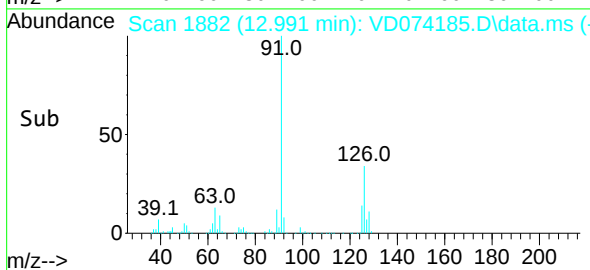
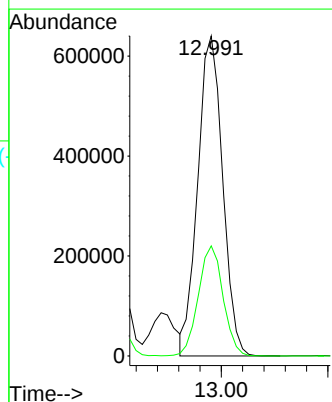
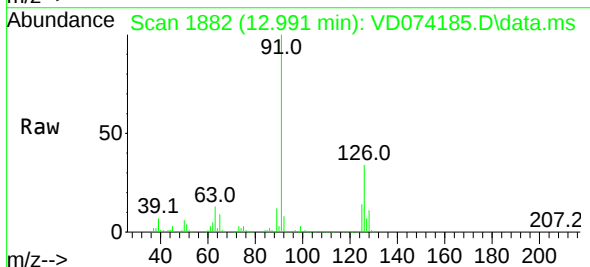
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

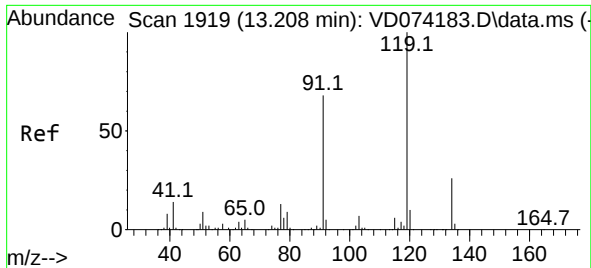
Tgt Ion: 75 Resp: 82489
Ion Ratio Lower Upper
75 100
53 94.2 86.5 129.7
89 46.2 33.9 50.9



#82
4-Chlorotoluene
Concen: 165.415 ug/l
RT: 12.991 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VD074185.D
Acq: 23 Aug 2022 12:37

Tgt Ion: 91 Resp: 1040532
Ion Ratio Lower Upper
91 100
126 34.2 16.5 49.5

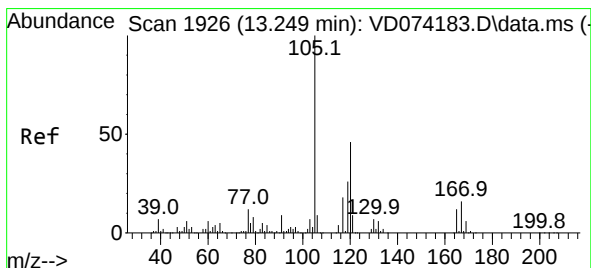
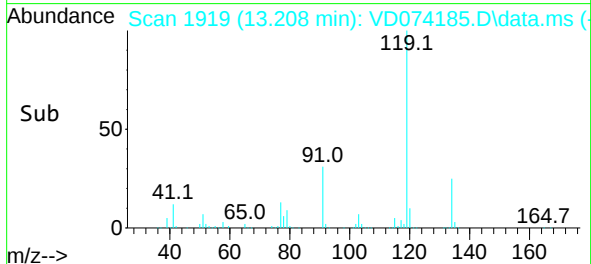
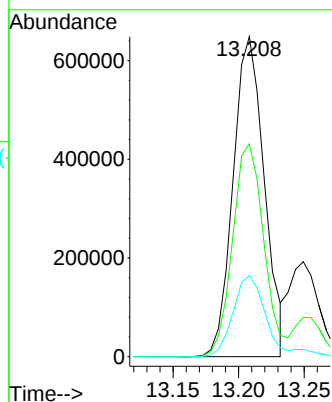
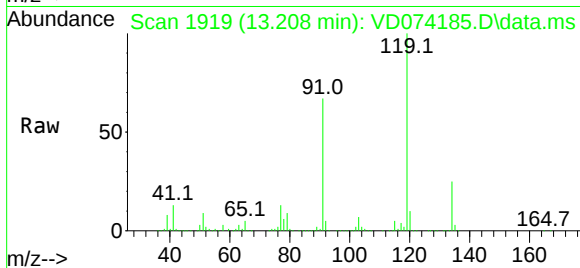




#83
 tert-Butylbenzene
 Concen: 173.949 ug/l
 RT: 13.208 min Scan# 1919
 Delta R.T. 0.000 min
 Lab File: VD074185.D
 Acq: 23 Aug 2022 12:37

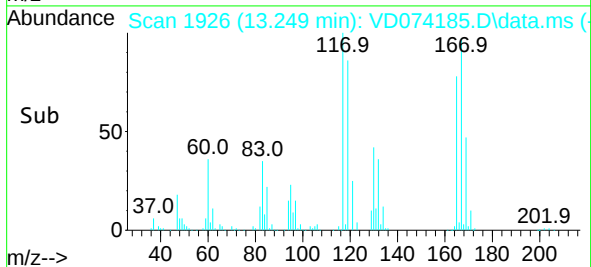
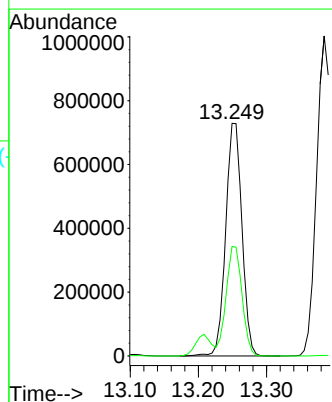
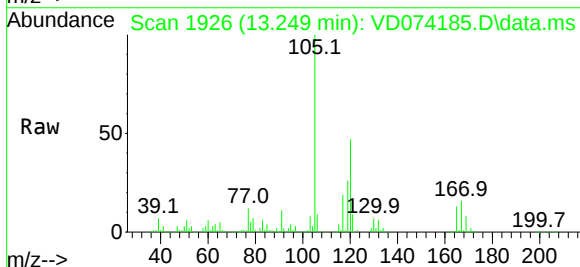
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

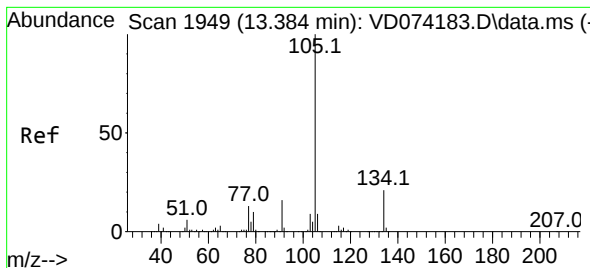
Tgt Ion:119 Resp: 1073650
 Ion Ratio Lower Upper
 119 100
 91 66.9 34.8 104.5
 134 27.2 13.3 39.9



#84
 1,2,4-Trimethylbenzene
 Concen: 168.075 ug/l
 RT: 13.249 min Scan# 1926
 Delta R.T. 0.000 min
 Lab File: VD074185.D
 Acq: 23 Aug 2022 12:37

Tgt Ion:105 Resp: 1210582
 Ion Ratio Lower Upper
 105 100
 120 46.0 22.3 66.8





#85

sec-Butylbenzene

Concen: 168.854 ug/l

RT: 13.385 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VD074185.D

Acq: 23 Aug 2022 12:37

Instrument :

MSVOA_D

ClientSampleId :

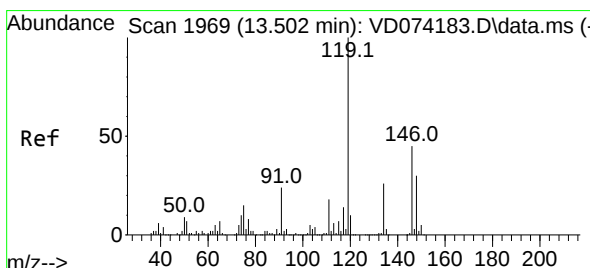
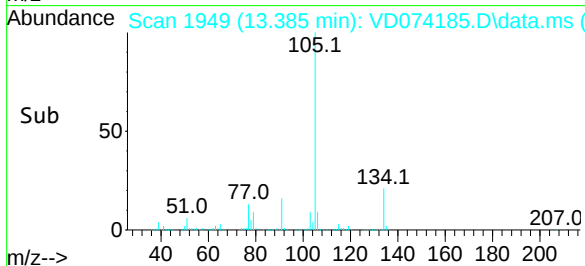
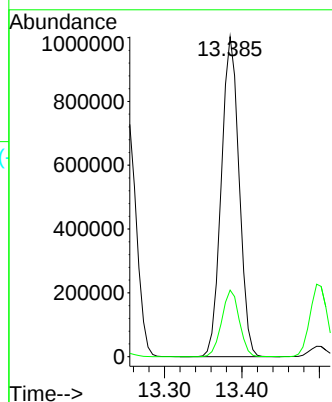
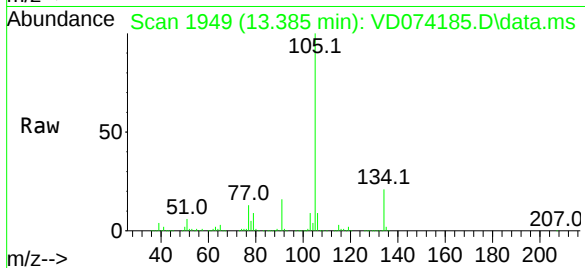
VSTDIC150

Tgt Ion:105 Resp: 1601885

Ion Ratio Lower Upper

105 100

134 20.6 9.8 29.3



#86

p-Isopropyltoluene

Concen: 168.507 ug/l

RT: 13.496 min Scan# 1968

Delta R.T. -0.006 min

Lab File: VD074185.D

Acq: 23 Aug 2022 12:37

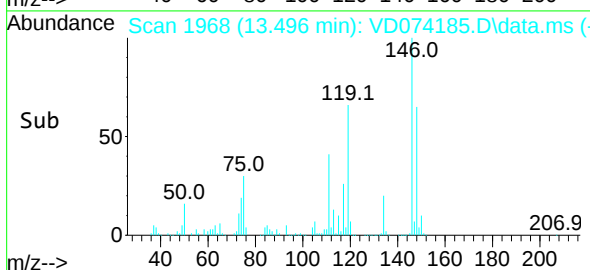
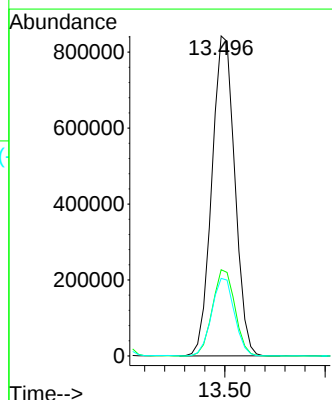
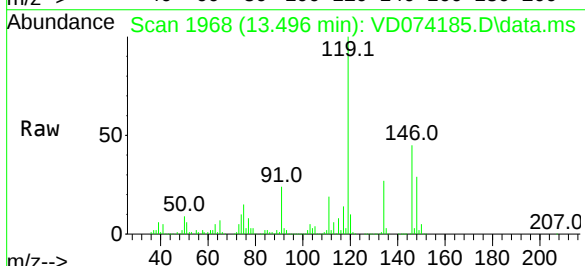
Tgt Ion:119 Resp: 1334038

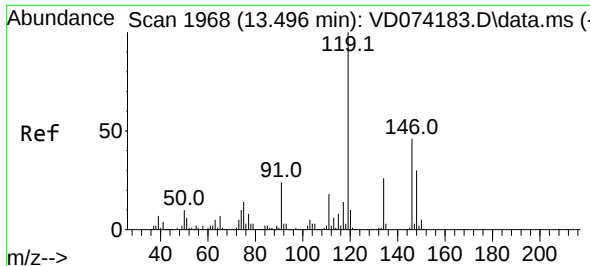
Ion Ratio Lower Upper

119 100

134 26.5 12.9 38.6

91 24.2 12.1 36.3

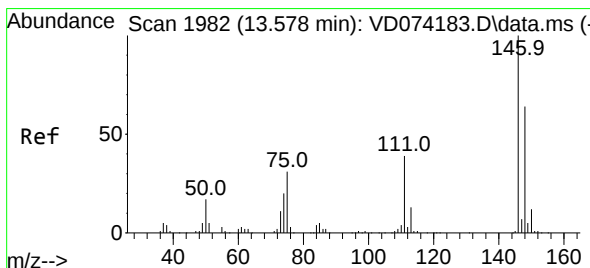
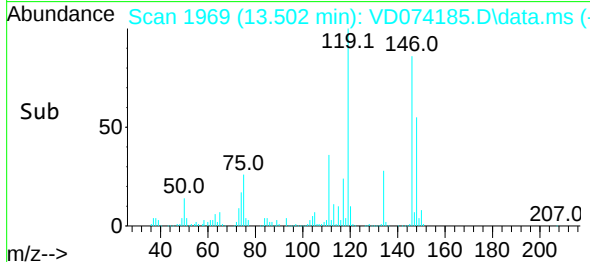
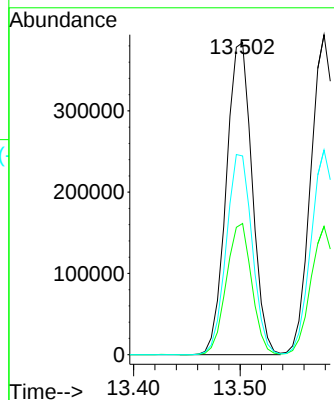
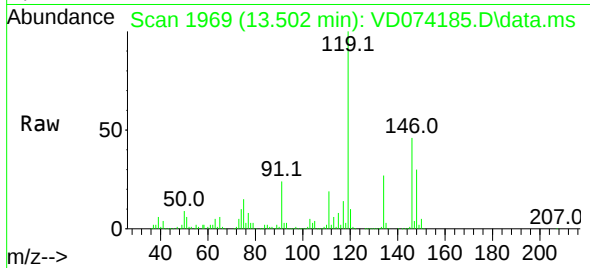




#87
1,3-Dichlorobenzene
Concen: 151.732 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.006 min
Lab File: VD074185.D
Acq: 23 Aug 2022 12:37

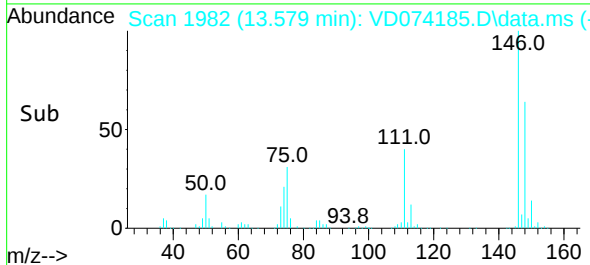
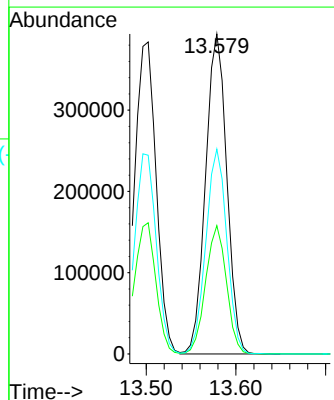
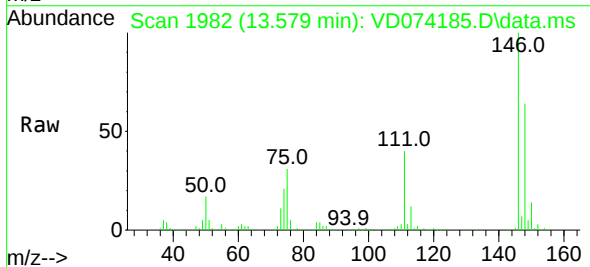
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

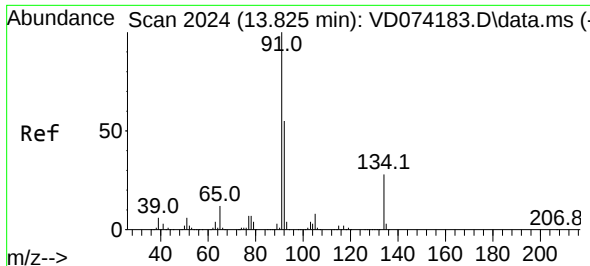
Tgt Ion:146 Resp: 647271
Ion Ratio Lower Upper
146 100
111 41.3 20.4 61.3
148 64.3 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 152.150 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. 0.000 min
Lab File: VD074185.D
Acq: 23 Aug 2022 12:37

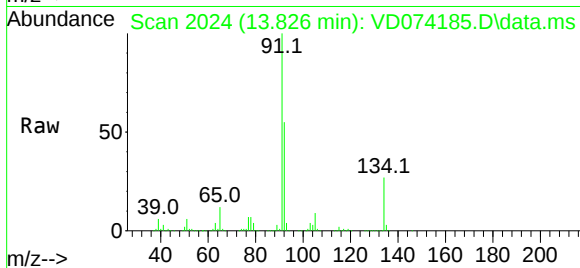
Tgt Ion:146 Resp: 647397
Ion Ratio Lower Upper
146 100
111 39.3 20.3 60.9
148 63.4 31.7 95.1



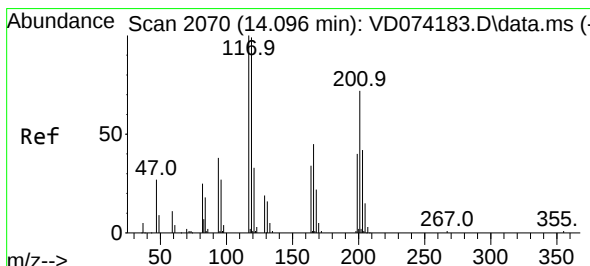
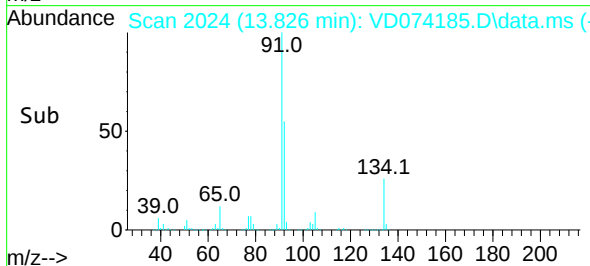
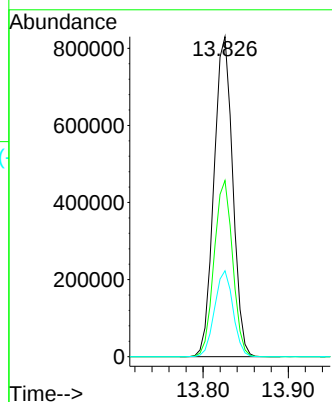


#89
n-Butylbenzene
Concen: 167.699 ug/l
RT: 13.826 min Scan# 2024
Delta R.T. 0.000 min
Lab File: VD074185.D
Acq: 23 Aug 2022 12:37

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

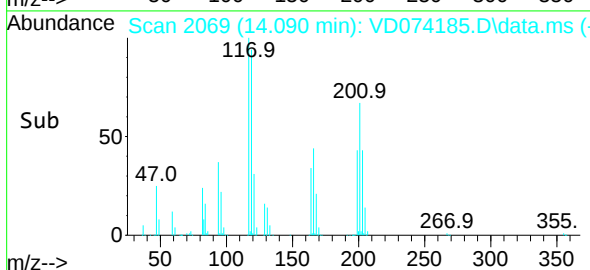
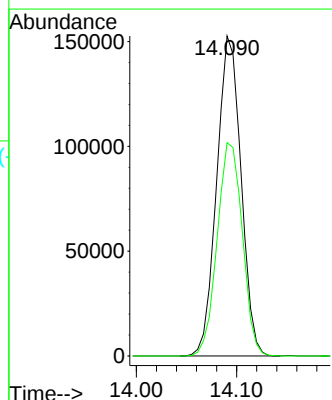
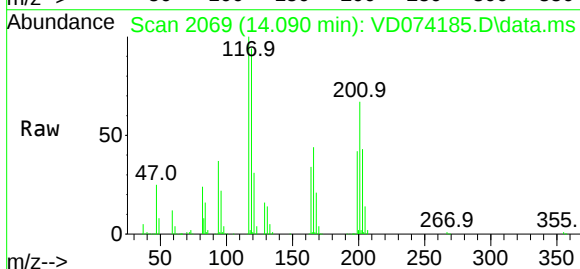


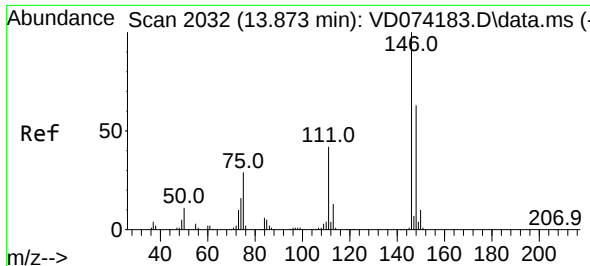
Tgt Ion: 91 Resp: 1268935
Ion Ratio Lower Upper
91 100
92 54.4 26.6 79.8
134 26.5 12.3 36.9



#90
Hexachloroethane
Concen: 156.135 ug/l
RT: 14.090 min Scan# 2069
Delta R.T. -0.006 min
Lab File: VD074185.D
Acq: 23 Aug 2022 12:37

Tgt Ion: 117 Resp: 256726
Ion Ratio Lower Upper
117 100
201 69.0 33.4 100.2

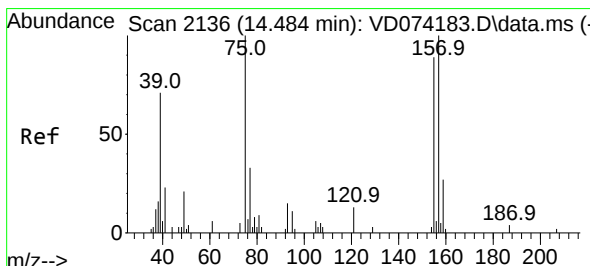
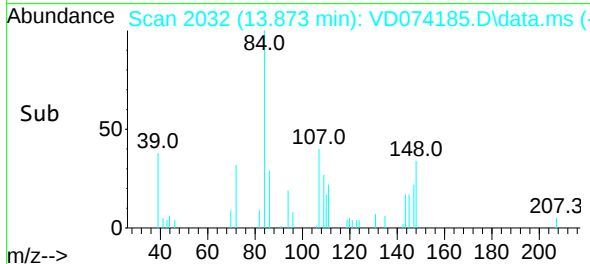
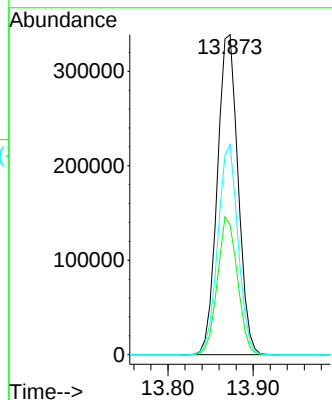
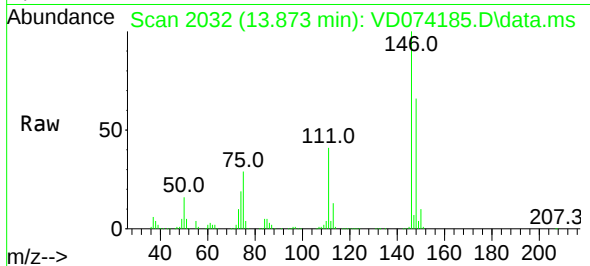




#91
1,2-Dichlorobenzene
Concen: 151.090 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD074185.D
Acq: 23 Aug 2022 12:37

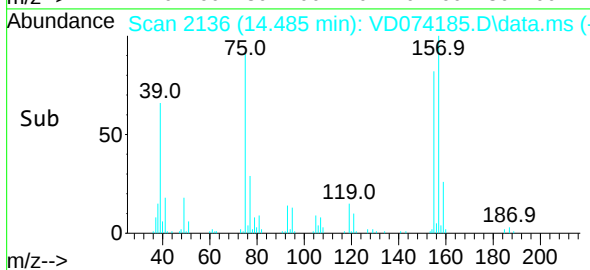
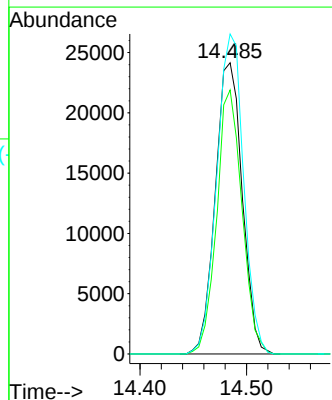
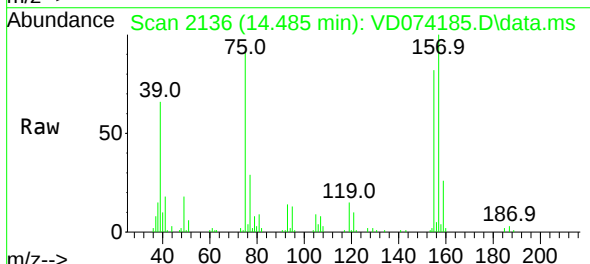
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

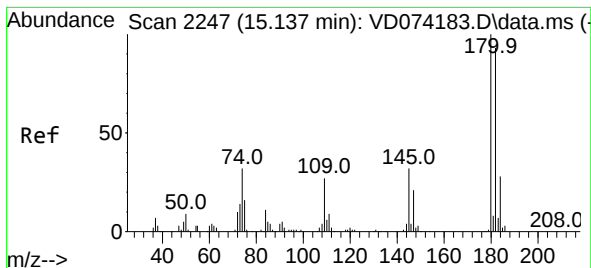
Tgt Ion:146 Resp: 571559
Ion Ratio Lower Upper
146 100
111 41.6 21.1 63.3
148 64.1 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 163.830 ug/l
RT: 14.485 min Scan# 2136
Delta R.T. 0.000 min
Lab File: VD074185.D
Acq: 23 Aug 2022 12:37

Tgt Ion: 75 Resp: 42433
Ion Ratio Lower Upper
75 100
155 85.1 36.8 110.3
157 109.6 48.4 145.0





#93

1,2,4-Trichlorobenzene

Concen: 156.202 ug/l

RT: 15.137 min Scan# 2247

Delta R.T. 0.000 min

Lab File: VD074185.D

Acq: 23 Aug 2022 12:37

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

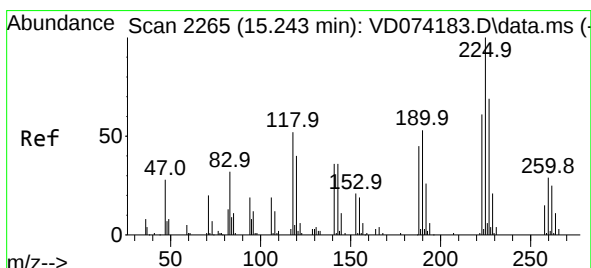
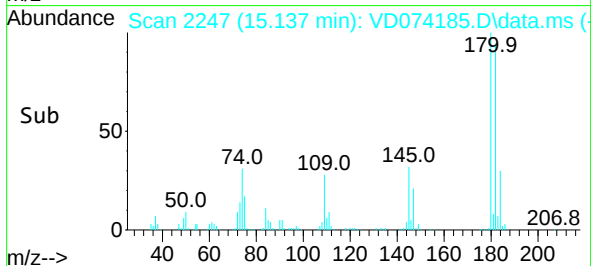
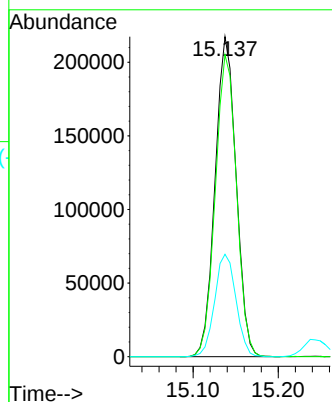
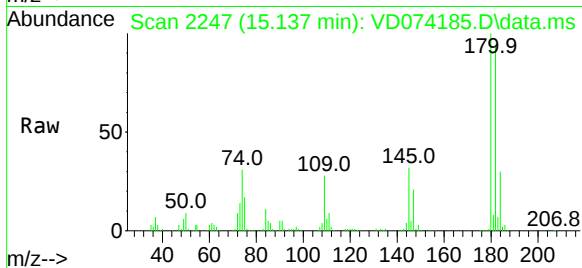
Tgt Ion:180 Resp: 372512

Ion Ratio Lower Upper

180 100

182 95.1 47.3 142.0

145 32.6 16.2 48.5



#94

Hexachlorobutadiene

Concen: 141.405 ug/l

RT: 15.243 min Scan# 2265

Delta R.T. 0.000 min

Lab File: VD074185.D

Acq: 23 Aug 2022 12:37

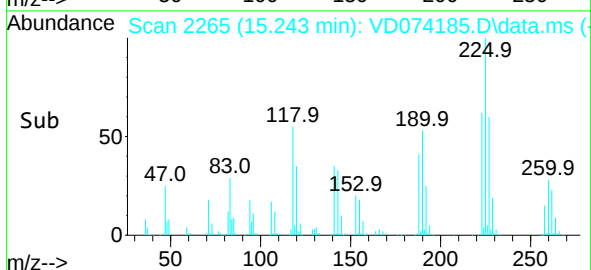
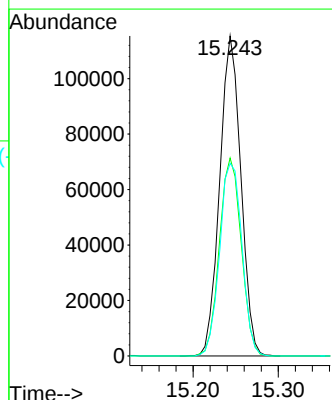
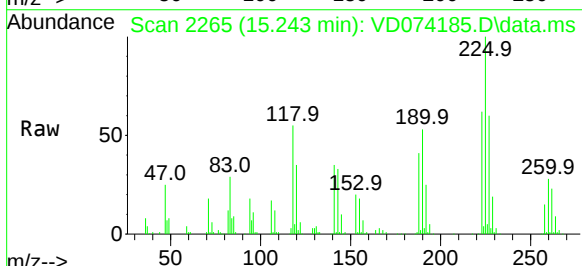
Tgt Ion:225 Resp: 199310

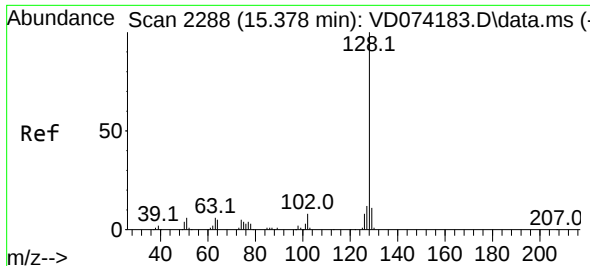
Ion Ratio Lower Upper

225 100

223 63.8 31.1 93.2

227 63.3 32.4 97.0

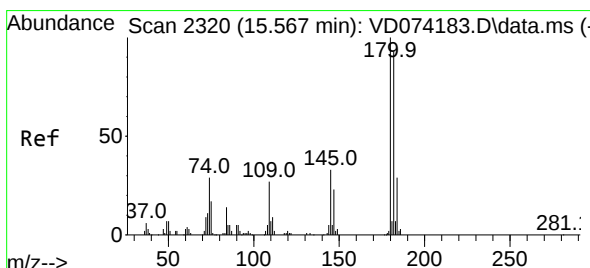
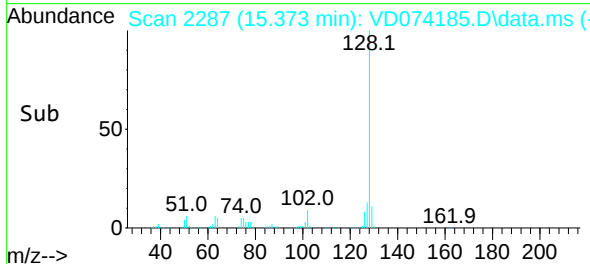
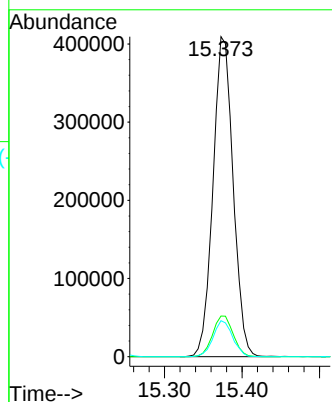
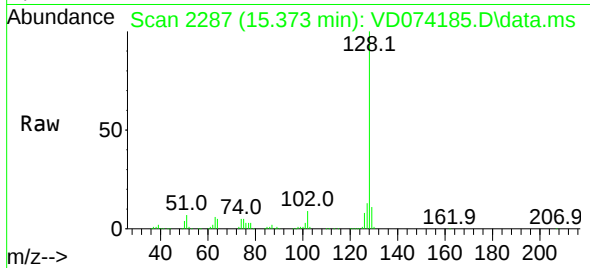




#95
Naphthalene
Concen: 179.906 ug/l
RT: 15.373 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD074185.D
Acq: 23 Aug 2022 12:37

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tgt Ion:128 Resp: 738785
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.0 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 154.809 ug/l
RT: 15.567 min Scan# 2320
Delta R.T. 0.000 min
Lab File: VD074185.D
Acq: 23 Aug 2022 12:37

Tgt Ion:180 Resp: 325299
Ion Ratio Lower Upper
180 100
182 95.1 47.6 142.9
145 34.2 17.1 51.3

