

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071122\
 Data File : VD073826.D
 Acq On : 11 Jul 2022 16:41
 Operator : VA/SY
 Sample : VSTDICC100
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Quant Time: Jul 12 06:40:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 12 06:36:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.967	168	121119	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	228610	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	214704	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	103298	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	142088	93.744	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 187.480%#	
35) Dibromofluoromethane	7.908	113	145200	100.869	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 201.740%#	
50) Toluene-d8	10.332	98	454541	93.948	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 187.900%#	
62) 4-Bromofluorobenzene	12.620	95	228545	112.078	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 224.160%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.985	85	55315	68.049	ug/l	96
3) Chloromethane	2.209	50	66460	63.274	ug/l	98
4) Vinyl Chloride	2.344	62	89243	69.484	ug/l	98
5) Bromomethane	2.738	94	65078	64.638	ug/l	98
6) Chloroethane	2.897	64	71946	73.487	ug/l	# 88
7) Trichlorofluoromethane	3.256	101	147879	74.500	ug/l	100
8) Diethyl Ether	3.703	74	49080	81.480	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.079	101	92130	74.650	ug/l	99
10) Methyl Iodide	4.285	142	64890	81.193	ug/l	99
11) Tert butyl alcohol	5.226	59	83977	167.284	ug/l	# 100
12) 1,1-Dichloroethene	4.056	96	68167	70.517	ug/l	95
13) Acrolein	3.909	56	25108	342.269	ug/l	96
14) Allyl chloride	4.703	41	141199	77.234	ug/l	98
15) Acrylonitrile	5.408	53	152270	441.860	ug/l	97
16) Acetone	4.156	43	123968	386.566	ug/l	96
17) Carbon Disulfide	4.391	76	91978	58.844	ug/l	96
18) Methyl Acetate	4.703	43	65439	63.646	ug/l	94
19) Methyl tert-butyl Ether	5.473	73	301624	83.741	ug/l	95
20) Methylene Chloride	4.950	84	108114	39.373	ug/l	97
21) trans-1,2-Dichloroethene	5.461	96	80267	69.349	ug/l	# 73
22) Diisopropyl ether	6.355	45	408650	85.806	ug/l	98
23) Vinyl Acetate	6.297	43	1149037	456.954	ug/l	99
24) 1,1-Dichloroethane	6.255	63	212948	80.323	ug/l	98
25) 2-Butanone	7.202	43	199031	415.659	ug/l	99
26) 2,2-Dichloropropane	7.197	77	198664	79.256	ug/l	100
27) cis-1,2-Dichloroethene	7.202	96	128207	79.267	ug/l	93
28) Bromochloromethane	7.538	49	88486	85.565	ug/l	95
29) Tetrahydrofuran	7.555	42	122203	434.627	ug/l	98
30) Chloroform	7.702	83	244092	82.589	ug/l	99
31) Cyclohexane	7.973	56	118712	62.889	ug/l	98
32) 1,1,1-Trichloroethane	7.897	97	202717	80.972	ug/l	99
36) 1,1-Dichloropropene	8.102	75	135192	76.685	ug/l	98
37) Ethyl Acetate	7.285	43	86797	83.741	ug/l	98
38) Carbon Tetrachloride	8.085	117	159673	79.678	ug/l	87
39) Methylcyclohexane	9.344	83	133826	73.843	ug/l	97
40) Benzene	8.344	78	414343	79.888	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.508	41	63596	105.277	ug/l	95
42) 1,2-Dichloroethane	8.414	62	150774	84.429	ug/l	99
43) Isopropyl Acetate	8.444	43	181984	86.738	ug/l	99
44) Trichloroethene	9.102	130	106349	77.089	ug/l	94
45) 1,2-Dichloropropane	9.379	63	127419	85.564	ug/l #	88
46) Dibromomethane	9.467	93	70223	82.352	ug/l	96
47) Bromodichloromethane	9.655	83	197302	84.942	ug/l	96
48) Methyl methacrylate	9.449	41	83572	87.311	ug/l	97
49) 1,4-Dioxane	9.455	88	18636	1761.605	ug/l	95
51) 4-Methyl-2-Pentanone	10.220	43	497785	454.532	ug/l	100
52) Toluene	10.391	92	285300	82.926	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	185764	86.942	ug/l	96
54) cis-1,3-Dichloropropene	10.079	75	199387	84.146	ug/l	97
55) 1,1,2-Trichloroethane	10.791	97	104489	87.561	ug/l	96
56) Ethyl methacrylate	10.655	69	136837	89.834	ug/l	99
57) 1,3-Dichloropropane	10.938	76	178259	86.526	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	250569	418.250	ug/l	98
59) 2-Hexanone	10.973	43	340292	462.767	ug/l	99
60) Dibromochloromethane	11.132	129	134433	90.905	ug/l	99
61) 1,2-Dibromoethane	11.238	107	96327	87.331	ug/l	99
64) Tetrachloroethene	10.867	164	78630	73.891	ug/l	98
65) Chlorobenzene	11.661	112	334470	82.983	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.732	131	137105	88.023	ug/l	97
67) Ethyl Benzene	11.732	91	622372	84.729	ug/l	98
68) m/p-Xylenes	11.843	106	467266	168.652	ug/l	99
69) o-Xylene	12.167	106	235100	88.069	ug/l	98
70) Styrene	12.185	104	414494	88.697	ug/l	98
71) Bromoform	12.349	173	73783	93.020	ug/l #	99
73) Isopropylbenzene	12.467	105	652741	83.099	ug/l	99
74) N-amyl acetate	12.279	43	188042	85.312	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.714	83	138907	85.525	ug/l	99
76) 1,2,3-Trichloropropane	12.767	75	174014	149.875	ug/l #	1
77) Bromobenzene	12.749	156	132974	81.036	ug/l	99
78) n-propylbenzene	12.808	91	807621	81.531	ug/l	99
79) 2-Chlorotoluene	12.896	91	457837	81.804	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	546161	82.918	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	41750	84.533	ug/l	97
82) 4-Chlorotoluene	12.990	91	481428	81.883	ug/l	99
83) tert-Butylbenzene	13.208	119	484016	83.187	ug/l	99
84) 1,2,4-Trimethylbenzene	13.255	105	545898	83.673	ug/l	99
85) sec-Butylbenzene	13.385	105	743539	82.984	ug/l	99
86) p-Isopropyltoluene	13.502	119	613509	85.726	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	290989	84.516	ug/l	100
88) 1,4-Dichlorobenzene	13.579	146	286953	82.585	ug/l	97
89) n-Butylbenzene	13.826	91	602732	83.284	ug/l	99
90) Hexachloroethane	14.096	117	117559	82.326	ug/l	99
91) 1,2-Dichlorobenzene	13.873	146	259992	85.505	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.484	75	22927	85.493	ug/l	100
93) 1,2,4-Trichlorobenzene	15.143	180	144979	82.927	ug/l	99
94) Hexachlorobutadiene	15.249	225	67007	79.415	ug/l	99
95) Naphthalene	15.379	128	336223	86.236	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	126701	82.473	ug/l	99

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ClientSampleId :
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QLast Update : Tue Jul 12 06:36:41 2022
Response via : Initial Calibration

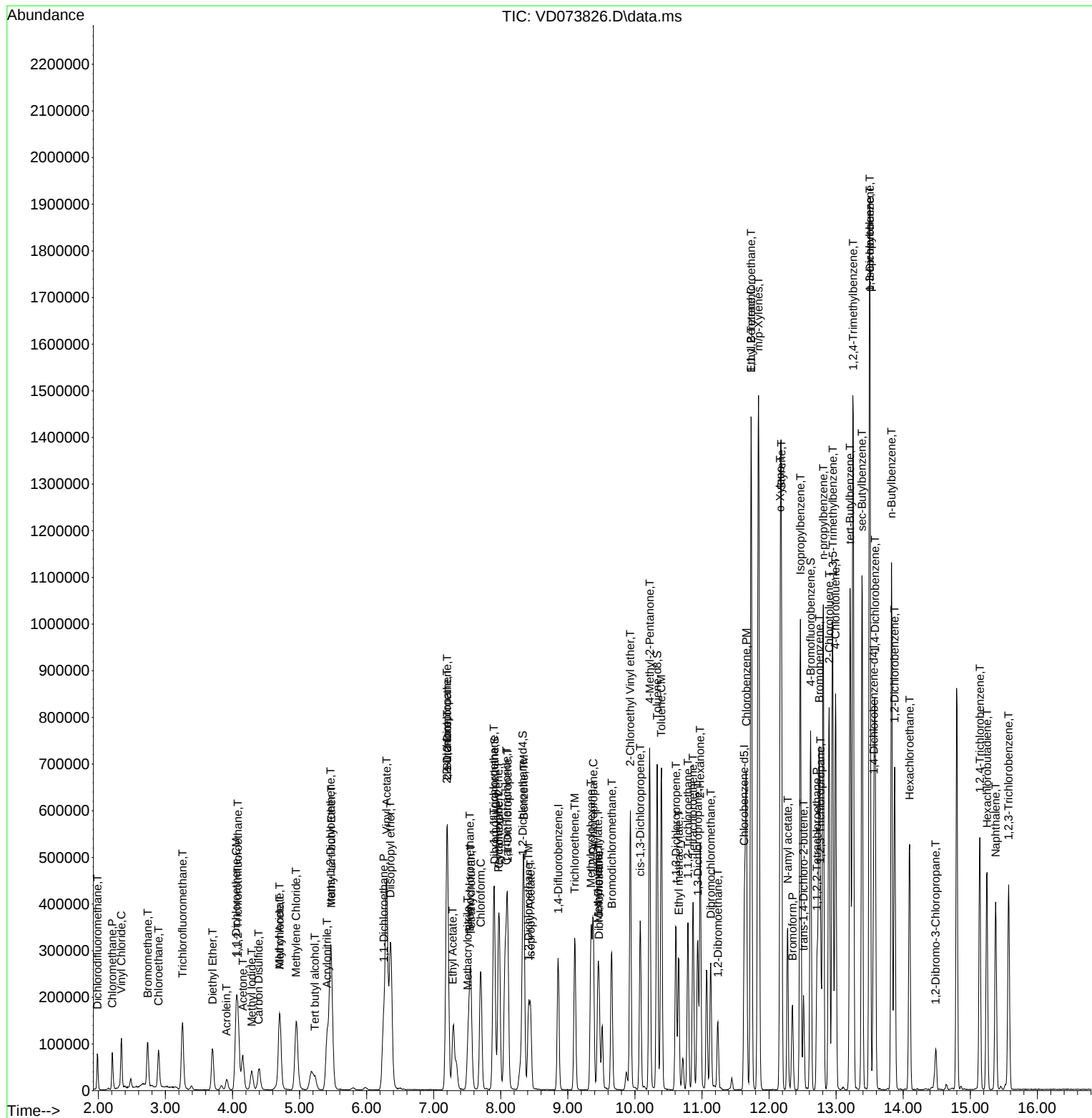
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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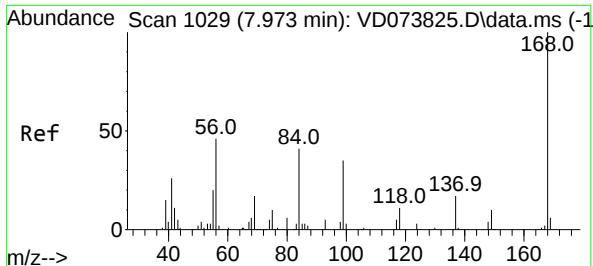
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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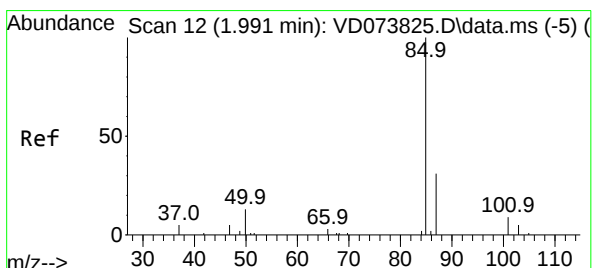
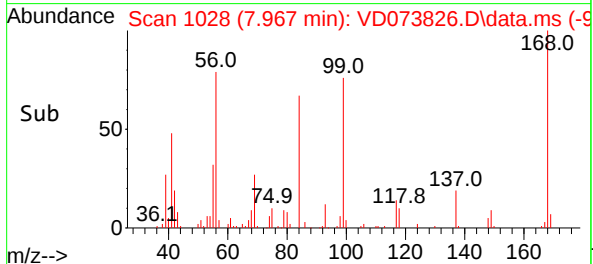
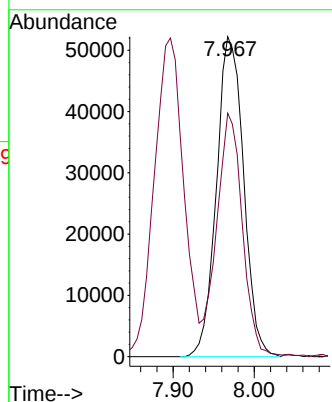
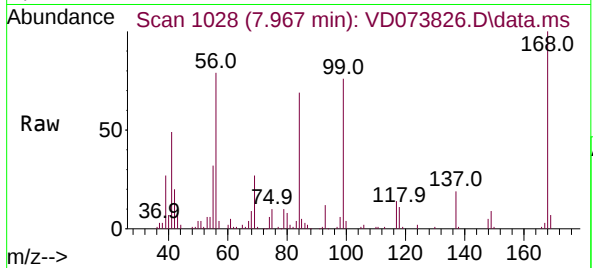




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD073826.D
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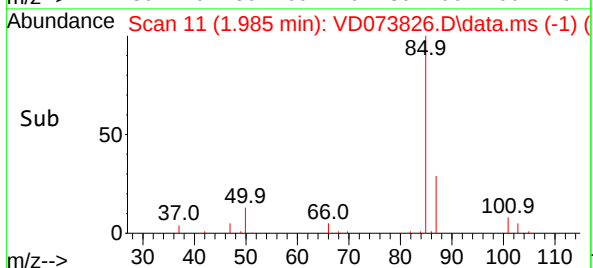
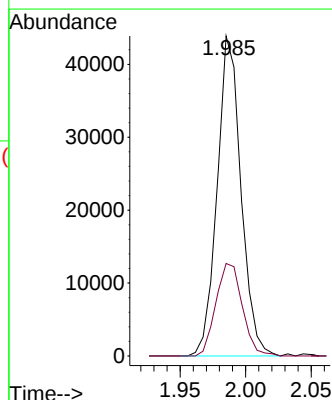
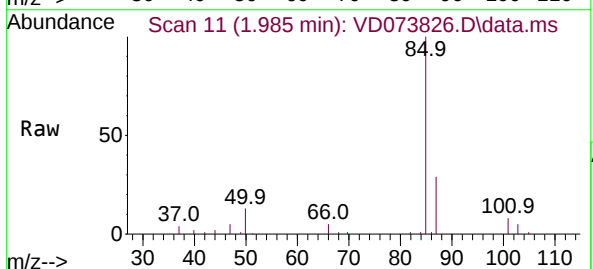
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

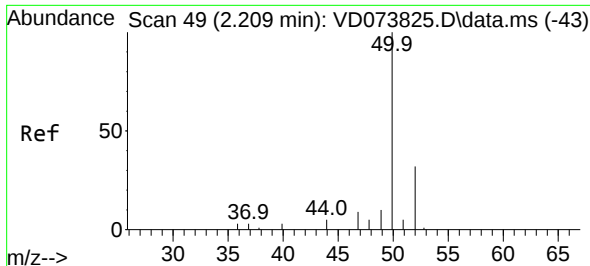
Tgt Ion:168 Resp: 121119
Ion Ratio Lower Upper
168 100
99 75.5 53.8 80.6



#2
Dichlorodifluoromethane
Concen: 68.049 ug/l
RT: 1.985 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD073826.D
Acq: 11 Jul 2022 16:41

Tgt Ion: 85 Resp: 55315
Ion Ratio Lower Upper
85 100
87 28.9 15.6 46.7

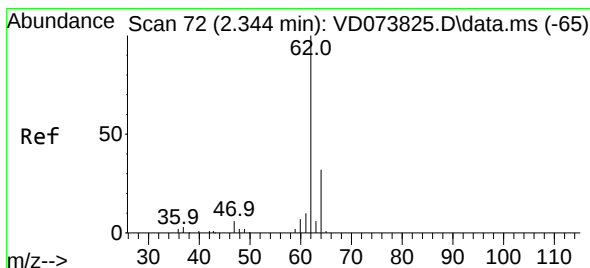
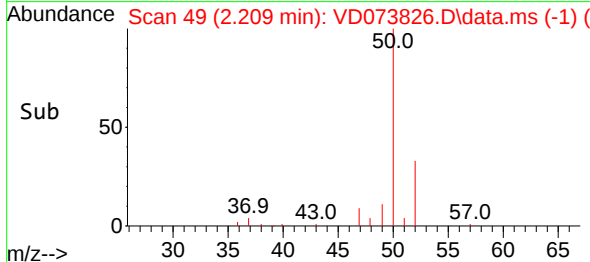
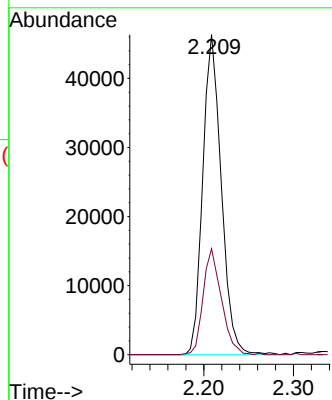
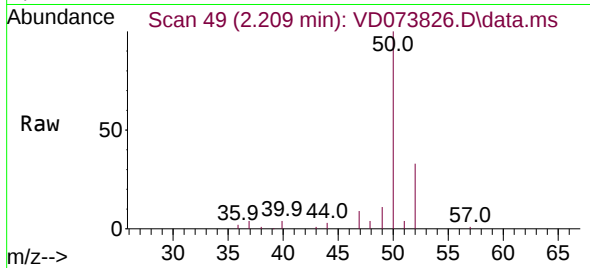




#3
Chloromethane
Concen: 63.274 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD073826.D
Acq: 11 Jul 2022 16:41

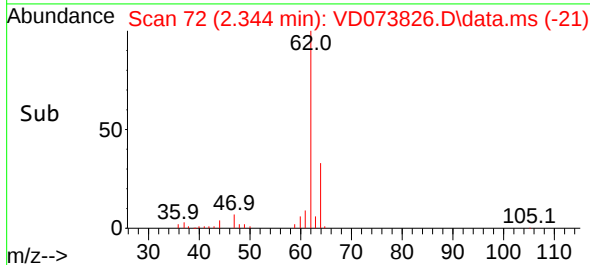
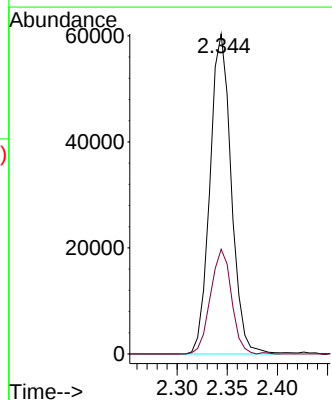
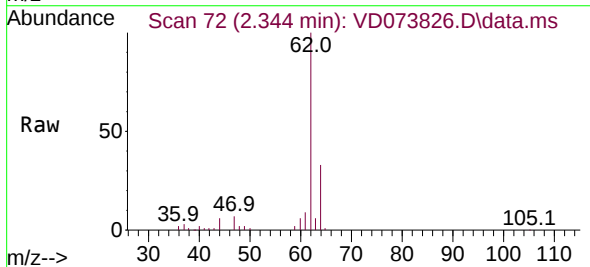
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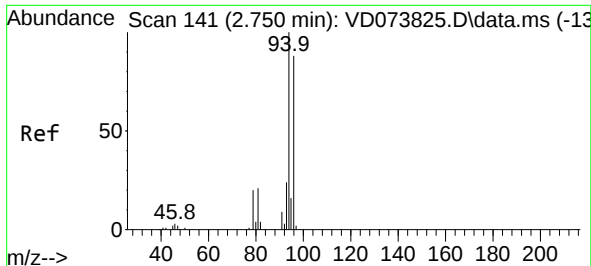
Tgt Ion: 50 Resp: 66460
Ion Ratio Lower Upper
50 100
52 33.1 25.5 38.3



#4
Vinyl Chloride
Concen: 69.484 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.000 min
Lab File: VD073826.D
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Tgt Ion: 62 Resp: 89243
Ion Ratio Lower Upper
62 100
64 32.7 25.4 38.0

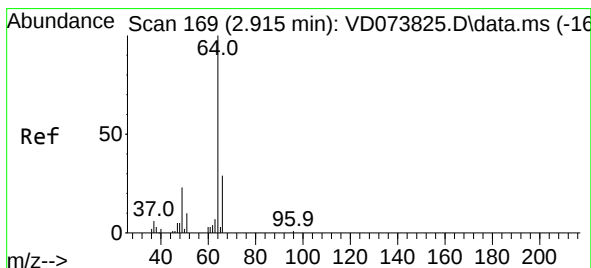
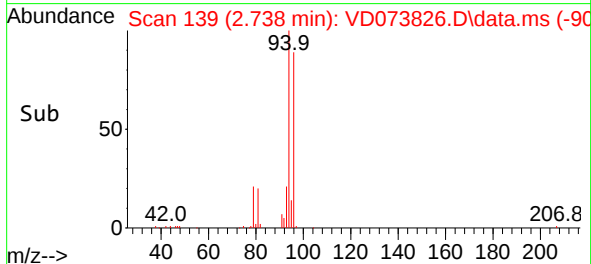
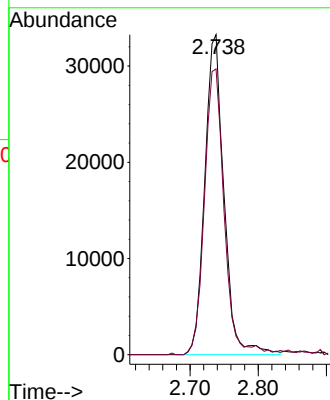
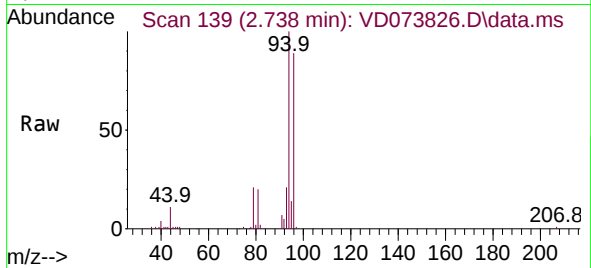




#5
Bromomethane
Concen: 64.638 ug/l
RT: 2.738 min Scan# 11
Delta R.T. -0.012 min
Lab File: VD073826.D
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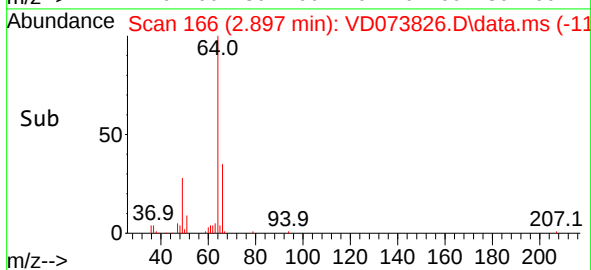
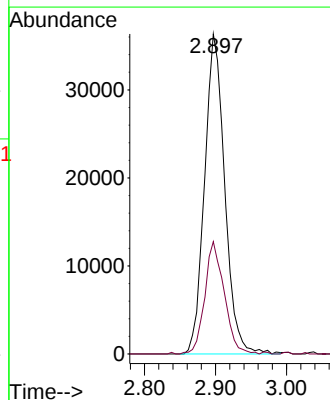
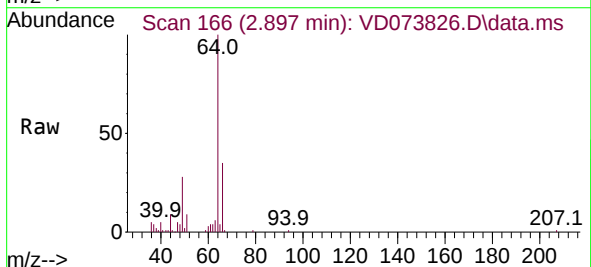
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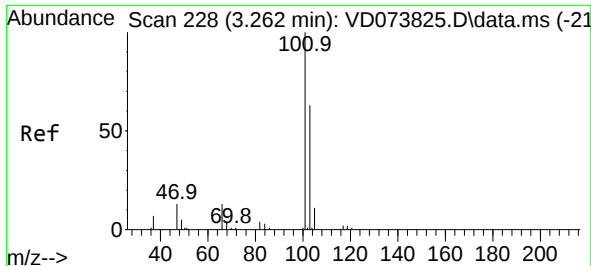
Tgt Ion: 94 Resp: 65078
Ion Ratio Lower Upper
94 100
96 89.3 70.3 105.5



#6
Chloroethane
Concen: 73.487 ug/l
RT: 2.897 min Scan# 166
Delta R.T. -0.018 min
Lab File: VD073826.D
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Tgt Ion: 64 Resp: 71946
Ion Ratio Lower Upper
64 100
66 35.1 23.0 34.6#

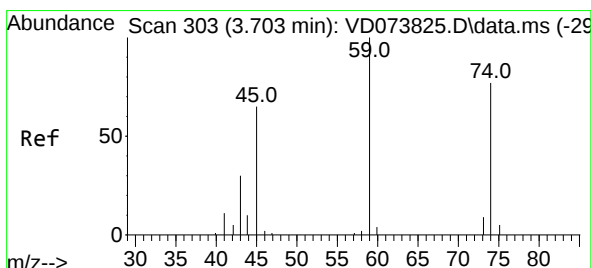
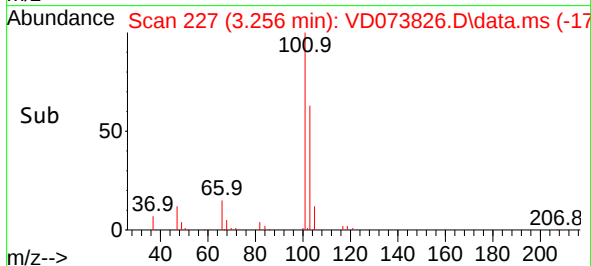
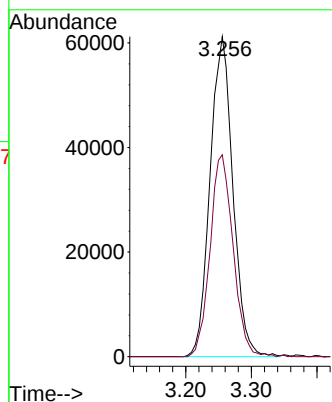
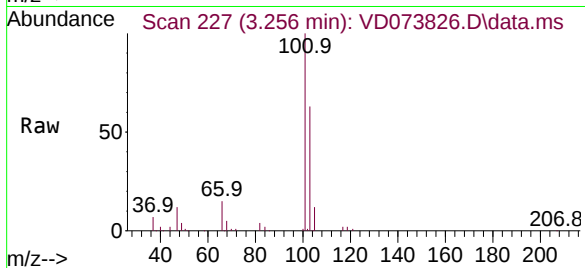




#7
Trichlorofluoromethane
Concen: 74.500 ug/l
RT: 3.256 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD073826.D
Acq: 11 Jul 2022 16:41

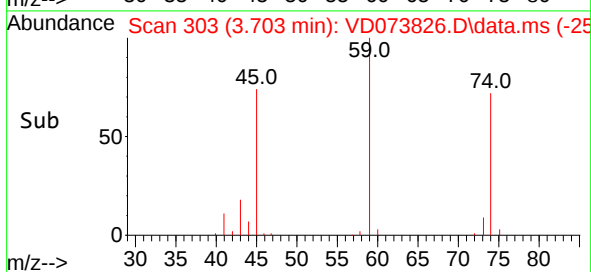
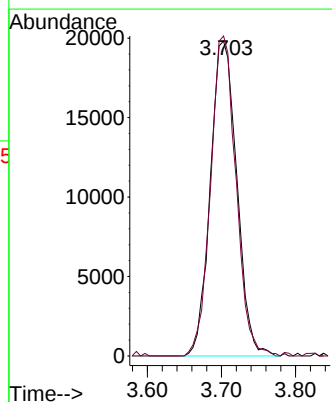
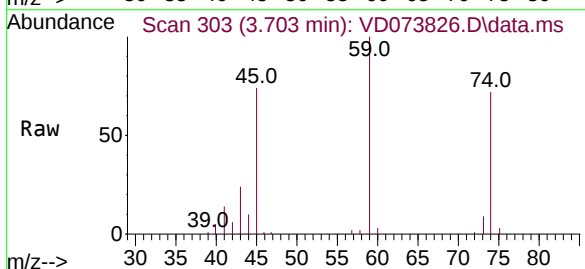
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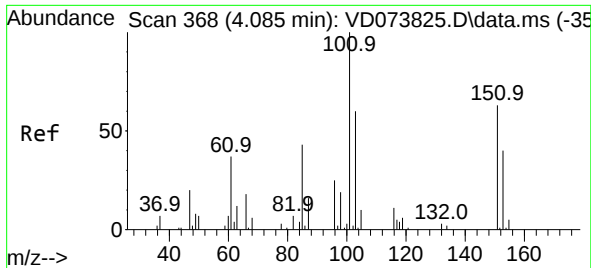
Tgt Ion:101 Resp: 147879
Ion Ratio Lower Upper
101 100
103 63.1 50.3 75.5



#8
Diethyl Ether
Concen: 81.480 ug/l
RT: 3.703 min Scan# 303
Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 49080
Ion Ratio Lower Upper
74 100
45 97.7 48.9 146.7

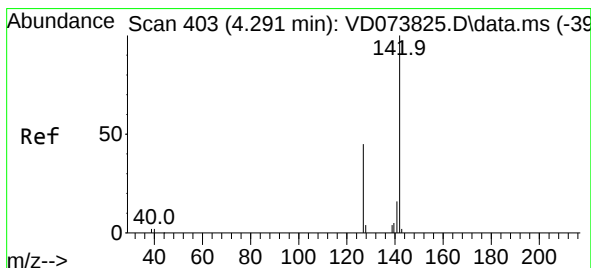
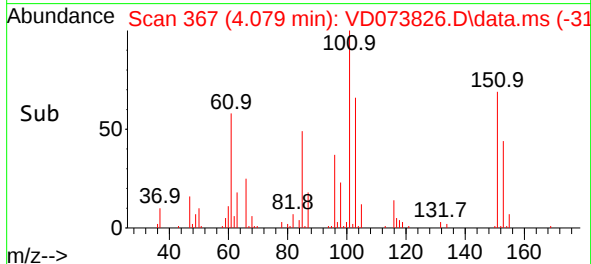
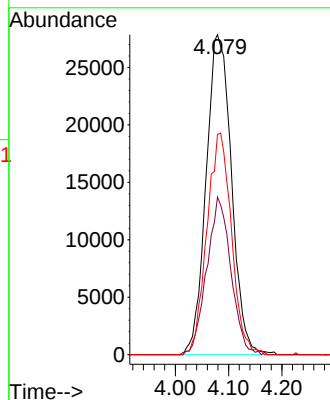
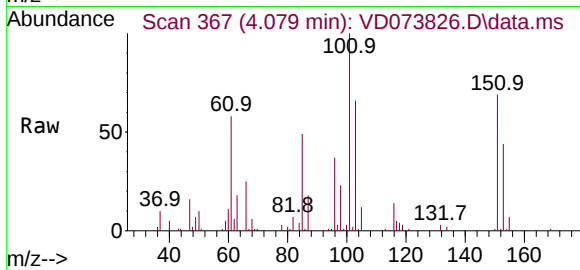




#9
1,1,2-Trichlorotrifluoroethane
Concen: 74.650 ug/l
RT: 4.079 min Scan# 30
Delta R.T. -0.006 min
Lab File: VD073826.D
Acq: 11 Jul 2022 16:41

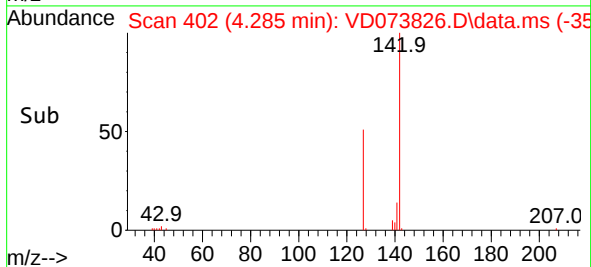
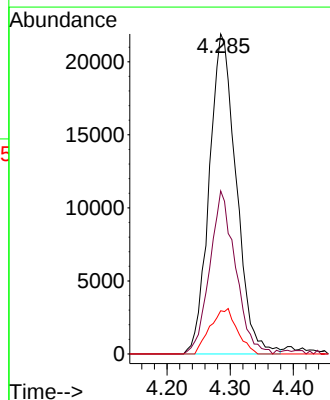
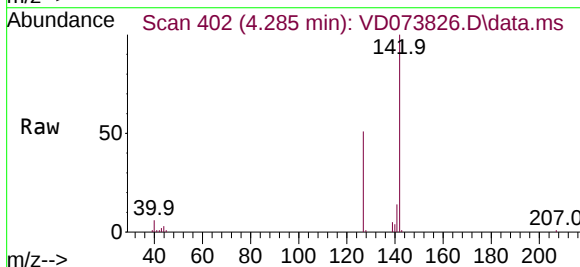
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

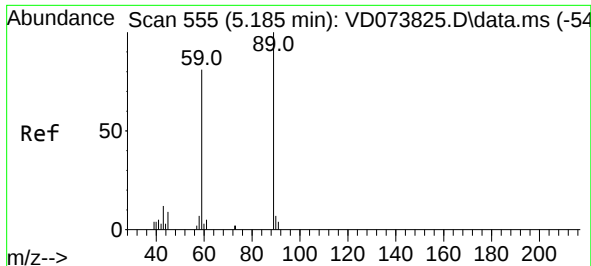
Tgt Ion:101 Resp: 92130
Ion Ratio Lower Upper
101 100
85 46.8 38.6 57.8
151 67.0 53.6 80.4



#10
Methyl Iodide
Concen: 81.193 ug/l
RT: 4.285 min Scan# 402
Delta R.T. -0.006 min
Lab File: VD073826.D
Acq: 11 Jul 2022 16:41

Tgt Ion:142 Resp: 64890
Ion Ratio Lower Upper
142 100
127 48.8 39.8 59.6
141 14.2 11.9 17.9

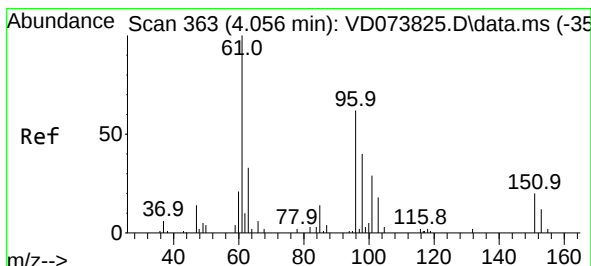
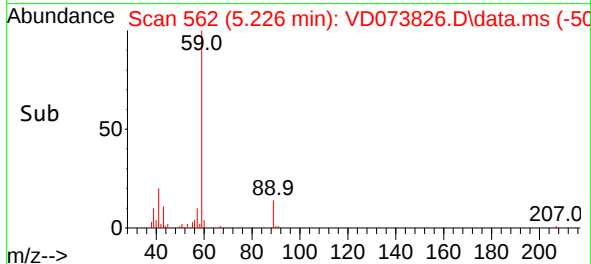
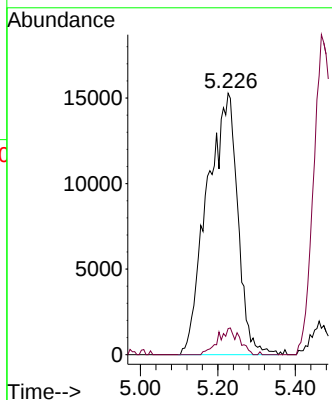
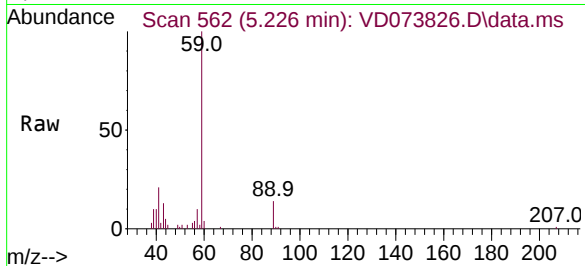




#11
Tert butyl alcohol
Concen: 167.284 ug/l
RT: 5.226 min Scan# 511
Delta R.T. 0.041 min
Lab File: VD073826.D
Acq: 11 Jul 2022 16:41

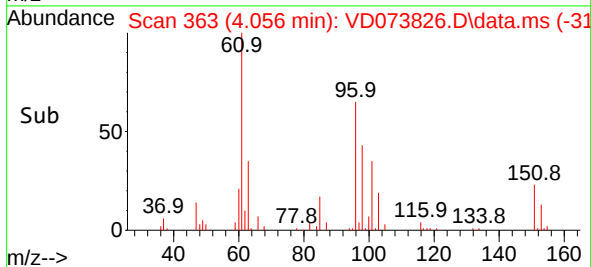
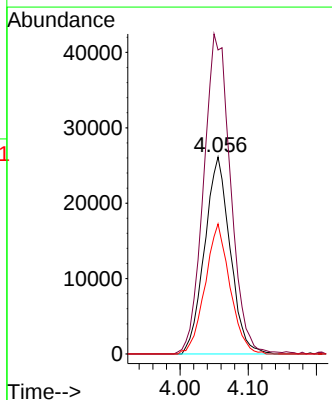
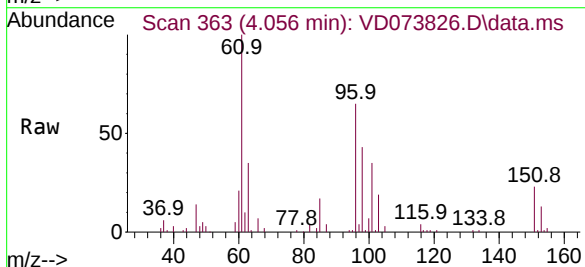
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

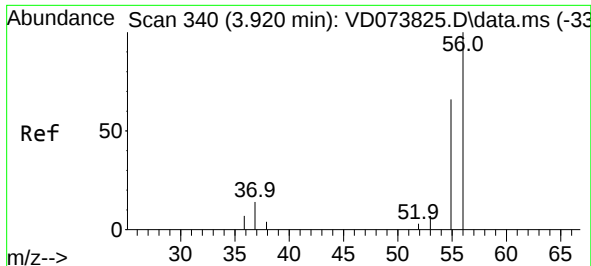
Tgt Ion: 59 Resp: 83977
Ion Ratio Lower Upper
59 100
57 7.0 0.0 0.0#



#12
1,1-Dichloroethene
Concen: 70.517 ug/l
RT: 4.056 min Scan# 363
Delta R.T. -0.000 min
Lab File: VD073826.D
Acq: 11 Jul 2022 16:41

Tgt Ion: 96 Resp: 68167
Ion Ratio Lower Upper
96 100
61 153.5 130.1 195.1
98 66.0 52.1 78.1

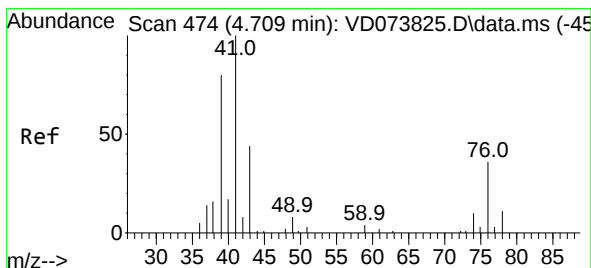
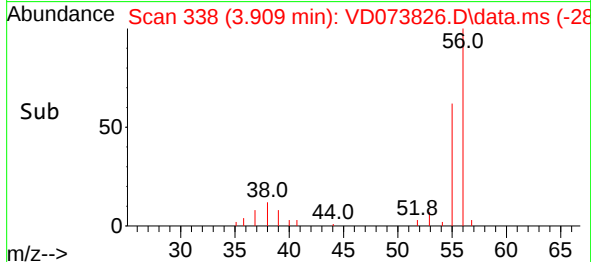
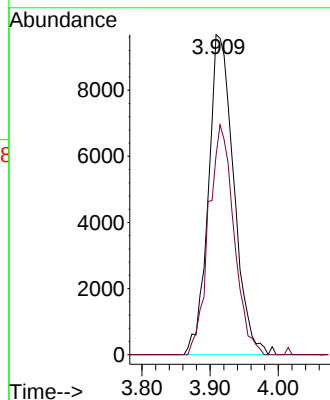
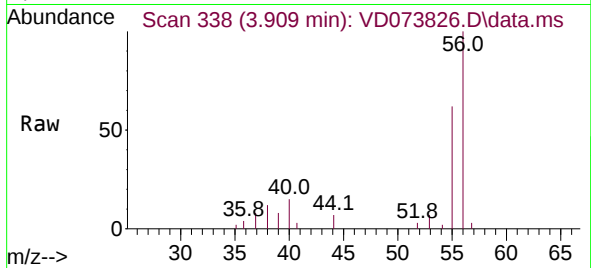




#13
Acrolein
Concen: 342.269 ug/l
RT: 3.909 min Scan# 31
Delta R.T. -0.012 min
Lab File: VD073826.D
Acq: 11 Jul 2022 16:41

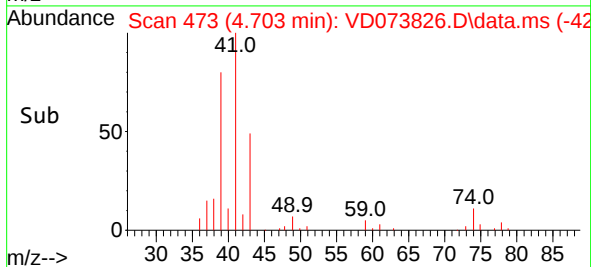
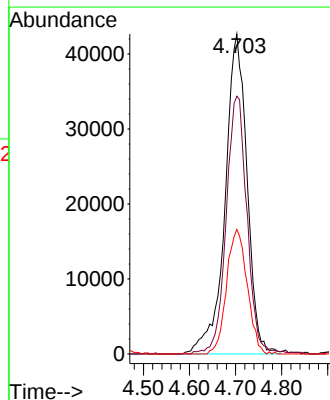
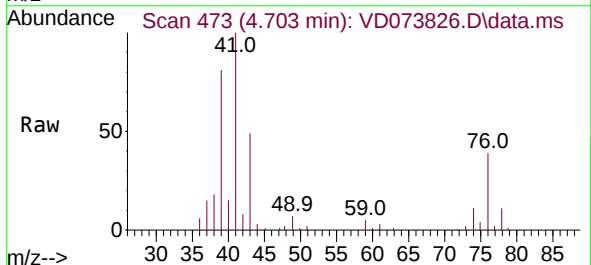
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

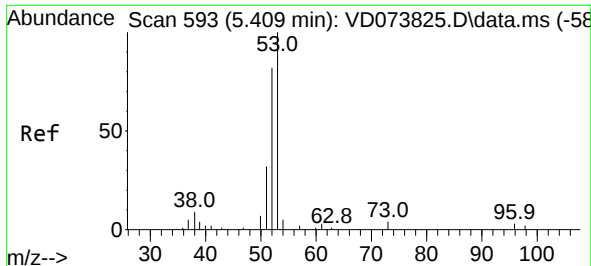
Tgt Ion: 56 Resp: 25108
Ion Ratio Lower Upper
56 100
55 71.6 54.7 82.1



#14
Allyl chloride
Concen: 77.234 ug/l
RT: 4.703 min Scan# 473
Delta R.T. -0.006 min
Lab File: VD073826.D
Acq: 11 Jul 2022 16:41

Tgt Ion: 41 Resp: 141199
Ion Ratio Lower Upper
41 100
39 76.3 62.5 93.7
76 36.4 28.6 43.0

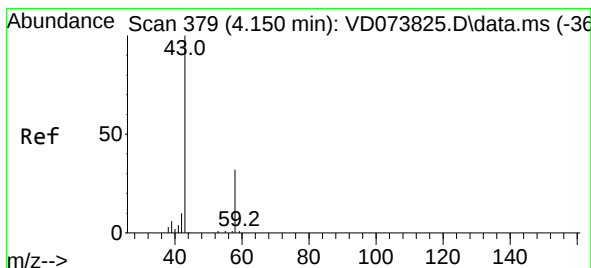
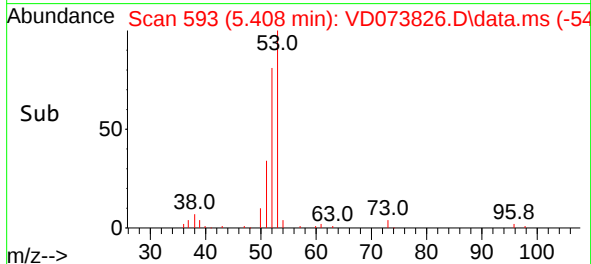
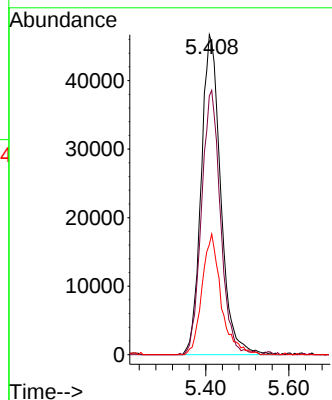
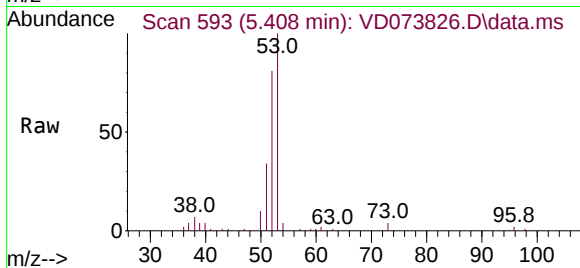




#15
Acrylonitrile
Concen: 441.860 ug/l
RT: 5.408 min Scan# 51
Delta R.T. -0.000 min
Lab File: VD073826.D
Acq: 11 Jul 2022 16:41

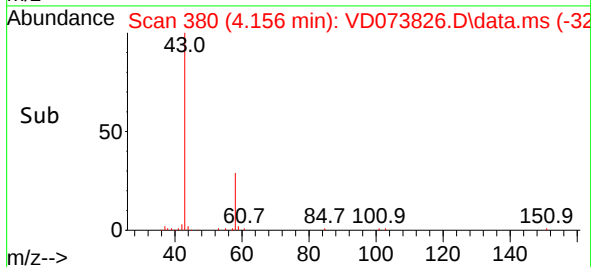
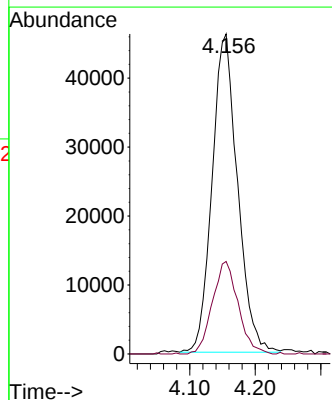
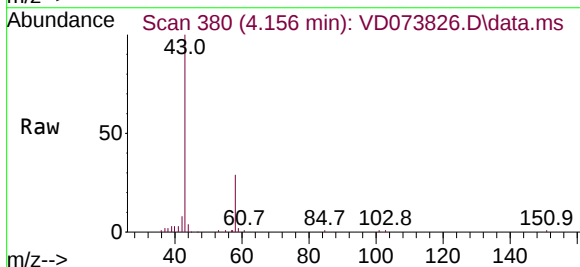
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

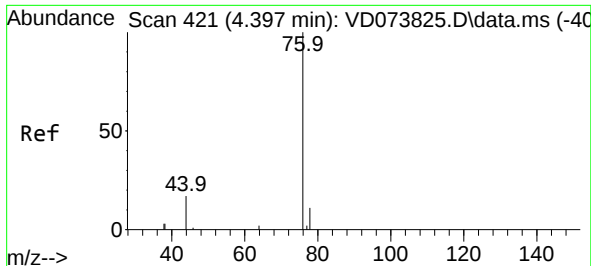
Tgt Ion: 53 Resp: 152270
Ion Ratio Lower Upper
53 100
52 80.0 66.1 99.1
51 36.9 30.6 45.8



#16
Acetone
Concen: 386.566 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.006 min
Lab File: VD073826.D
Acq: 11 Jul 2022 16:41

Tgt Ion: 43 Resp: 123968
Ion Ratio Lower Upper
43 100
58 29.1 25.2 37.8

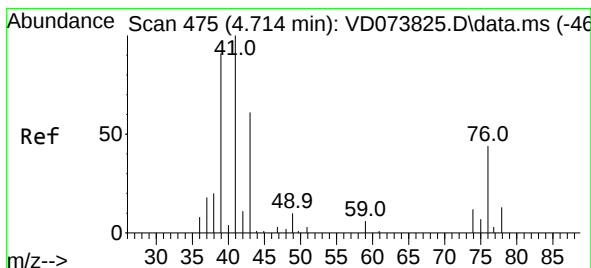
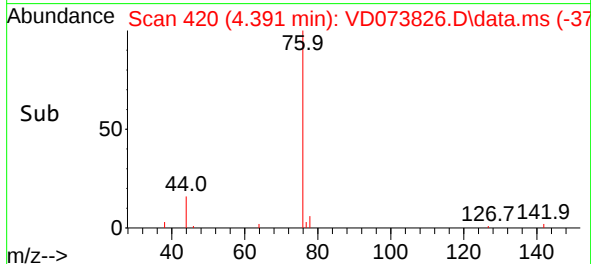
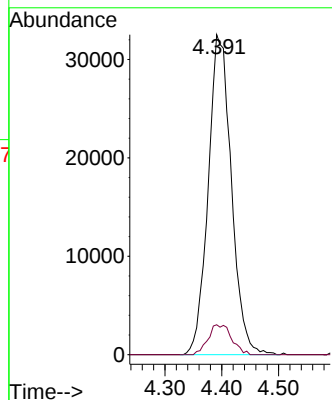
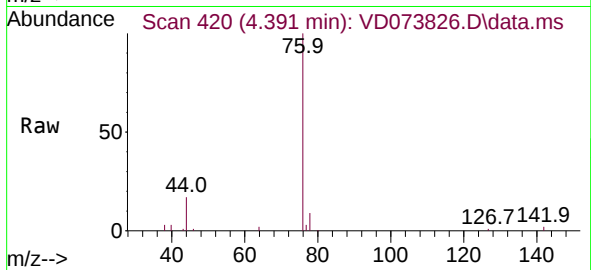




#17
Carbon Disulfide
Concen: 58.844 ug/l
RT: 4.391 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD073826.D
Acq: 11 Jul 2022 16:41

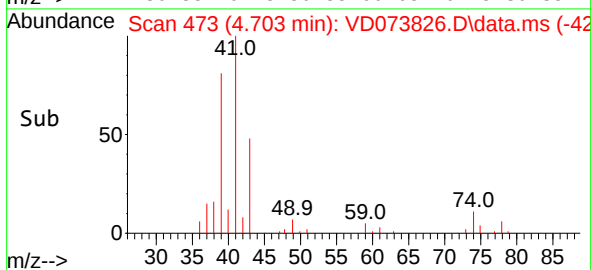
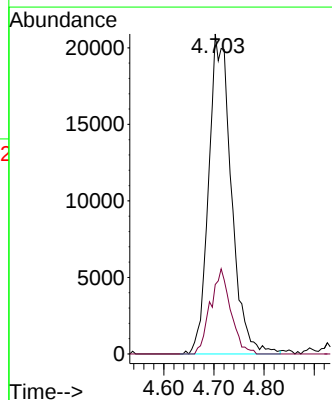
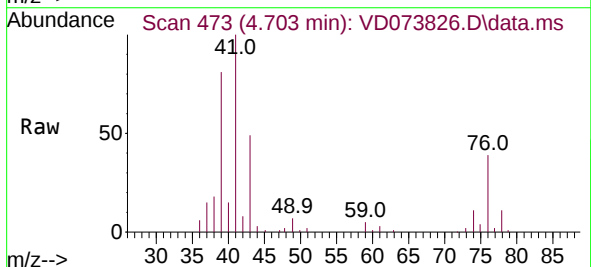
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

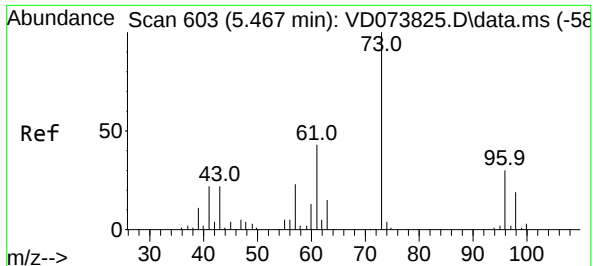
Tgt Ion: 76 Resp: 91978
Ion Ratio Lower Upper
76 100
78 9.3 8.7 13.1



#18
Methyl Acetate
Concen: 63.646 ug/l
RT: 4.703 min Scan# 473
Delta R.T. -0.012 min
Lab File: VD073826.D
Acq: 11 Jul 2022 16:41

Tgt Ion: 43 Resp: 65439
Ion Ratio Lower Upper
43 100
74 23.8 17.0 25.4

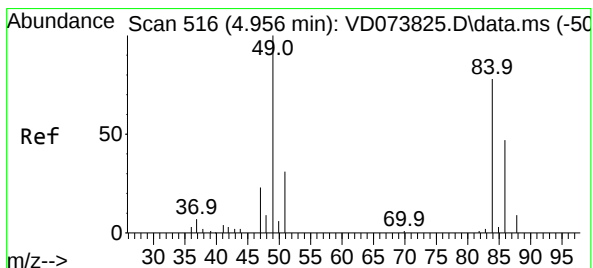
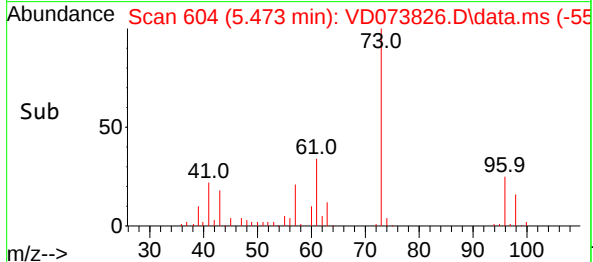
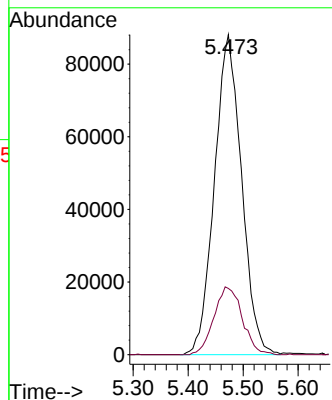
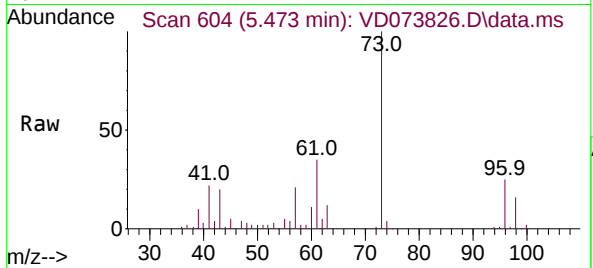




#19
Methyl tert-butyl Ether
Concen: 83.741 ug/l
RT: 5.473 min Scan# 603
Delta R.T. 0.006 min
Lab File: VD073826.D
Acq: 11 Jul 2022 16:41

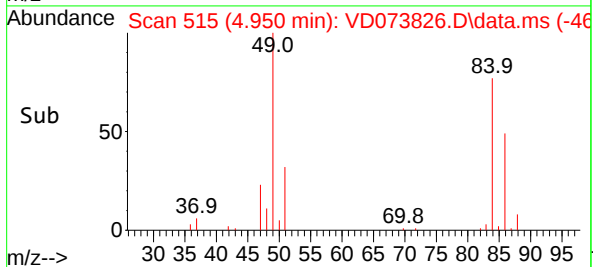
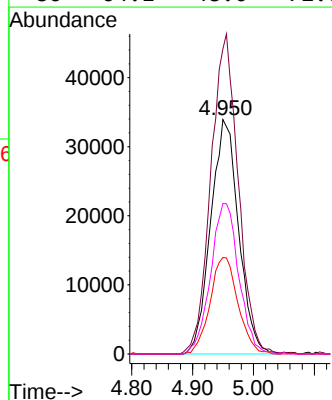
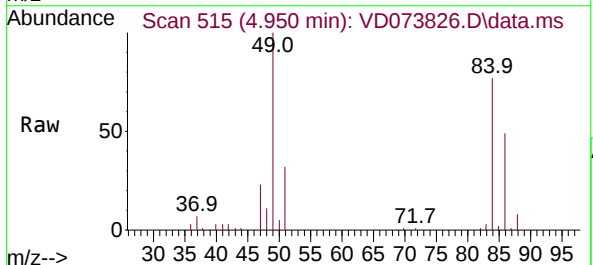
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

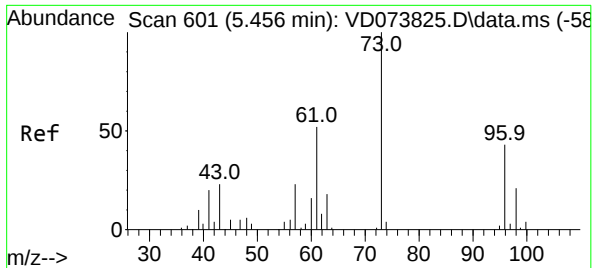
Tgt Ion: 73 Resp: 301624
Ion Ratio Lower Upper
73 100
57 20.7 18.6 28.0



#20
Methylene Chloride
Concen: 39.373 ug/l
RT: 4.950 min Scan# 515
Delta R.T. -0.006 min
Lab File: VD073826.D
Acq: 11 Jul 2022 16:41

Tgt Ion: 84 Resp: 108114
Ion Ratio Lower Upper
84 100
49 130.1 102.5 153.7
51 41.1 31.4 47.0
86 64.1 48.0 72.0

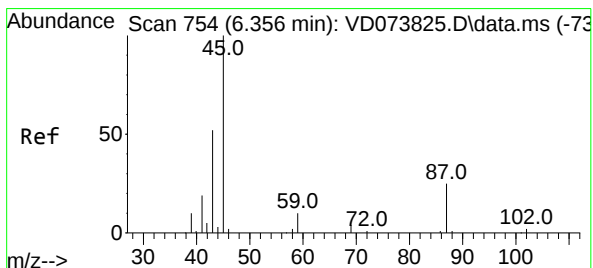
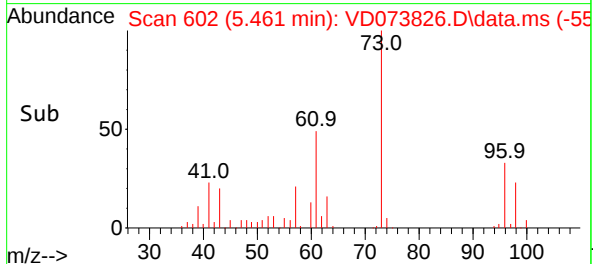
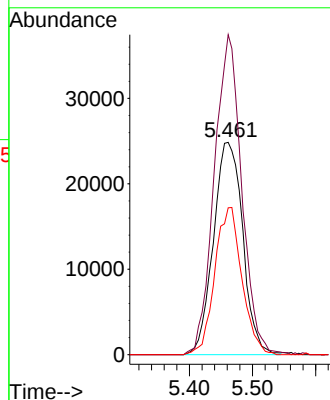
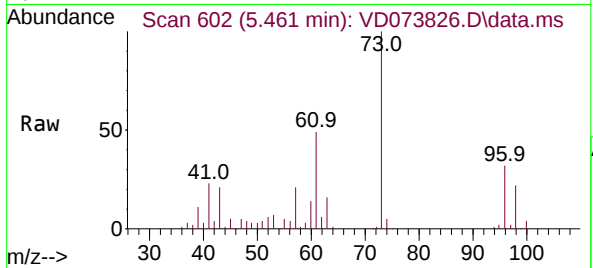




#21
trans-1,2-Dichloroethene
Concen: 69.349 ug/l
RT: 5.461 min Scan# 601
Delta R.T. 0.006 min
Lab File: VD073826.D
Acq: 11 Jul 2022 16:41

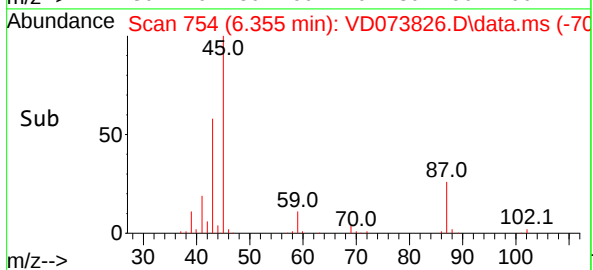
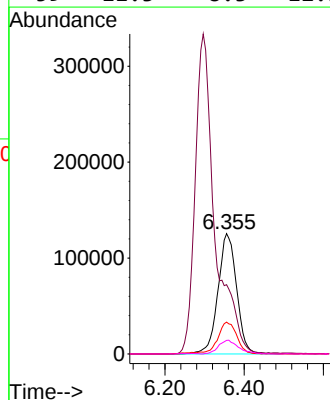
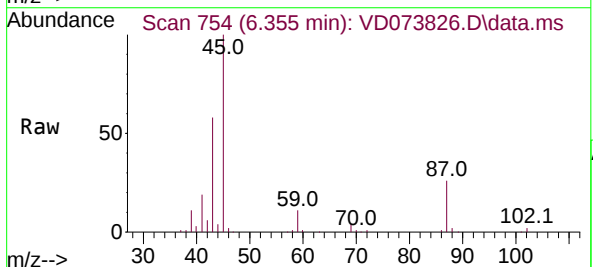
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

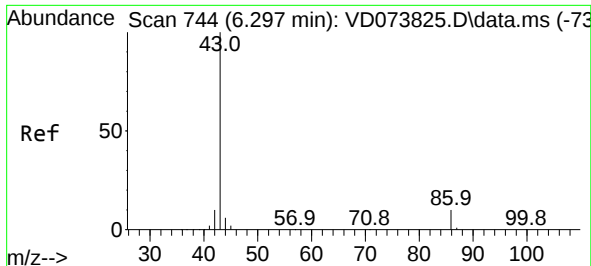
Tgt Ion: 96 Resp: 80267
Ion Ratio Lower Upper
96 100
61 150.7 97.0 145.6#
98 69.1 39.5 59.3#



#22
Diisopropyl ether
Concen: 85.806 ug/l
RT: 6.355 min Scan# 754
Delta R.T. -0.000 min
Lab File: VD073826.D
Acq: 11 Jul 2022 16:41

Tgt Ion: 45 Resp: 408650
Ion Ratio Lower Upper
45 100
43 57.0 44.1 66.1
87 26.5 20.8 31.2
59 11.3 8.3 12.5

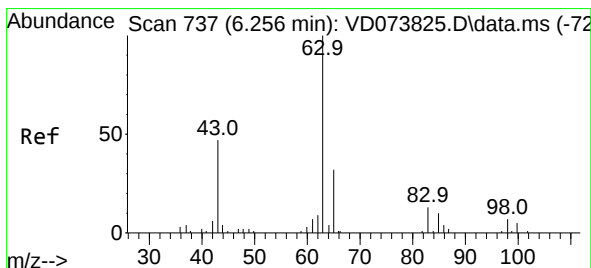
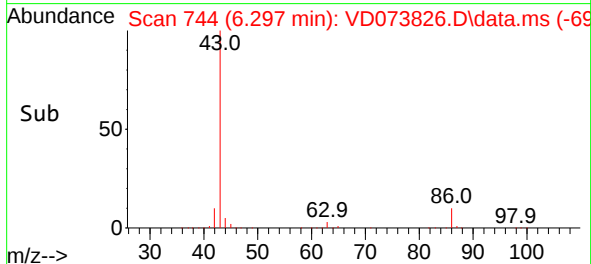
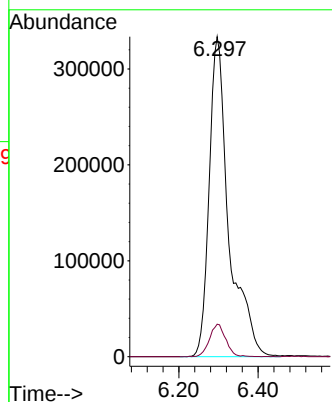
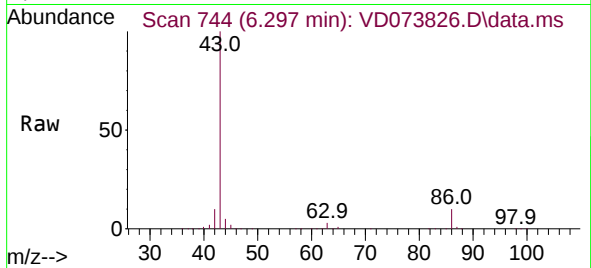




#23
 Vinyl Acetate
 Concen: 456.954 ug/l
 RT: 6.297 min Scan# 744
 Delta R.T. -0.000 min
 Lab File: VD073826.D
 Acq: 11 Jul 2022 16:41

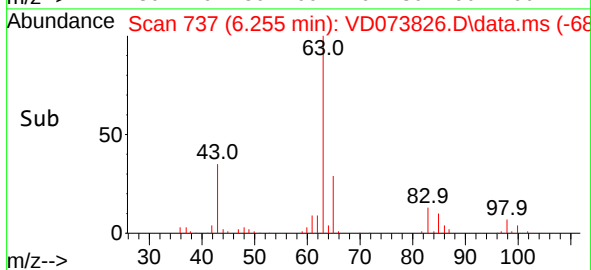
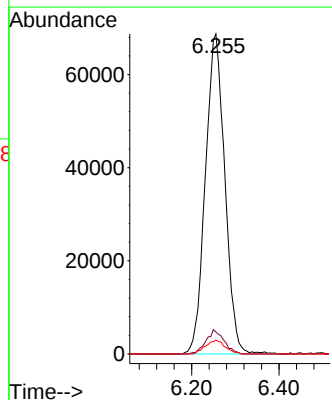
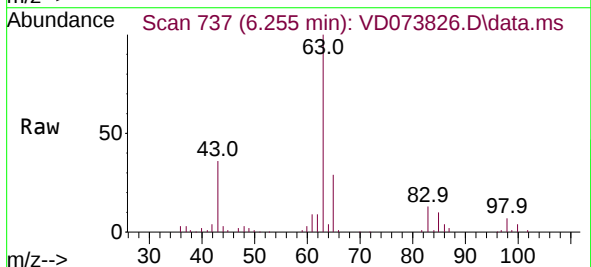
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

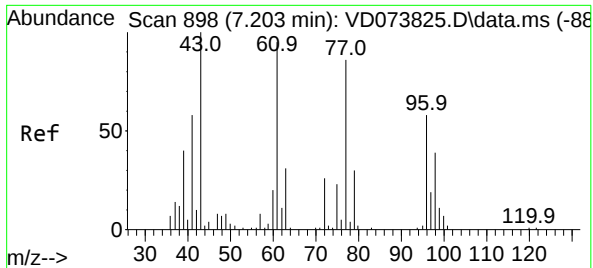
Tgt Ion: 43 Resp: 1149037
 Ion Ratio Lower Upper
 43 100
 86 10.2 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 80.323 ug/l
 RT: 6.255 min Scan# 737
 Delta R.T. -0.000 min
 Lab File: VD073826.D
 Acq: 11 Jul 2022 16:41

Tgt Ion: 63 Resp: 212948
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.7 11.1
 100 4.4 2.5 7.6

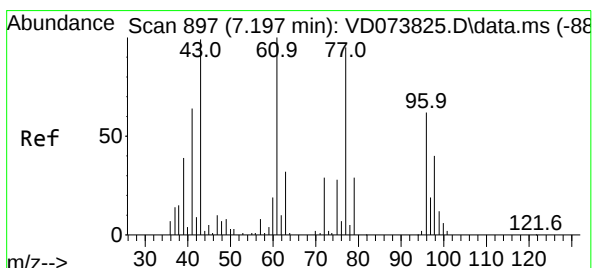
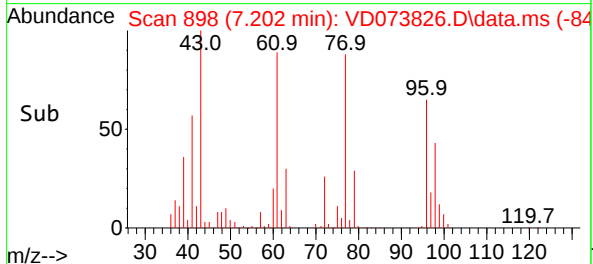
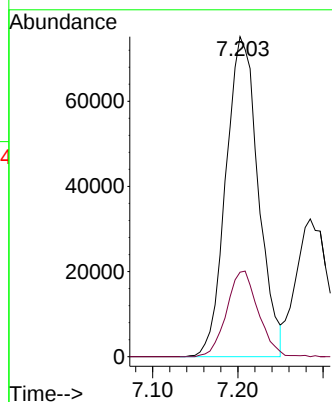
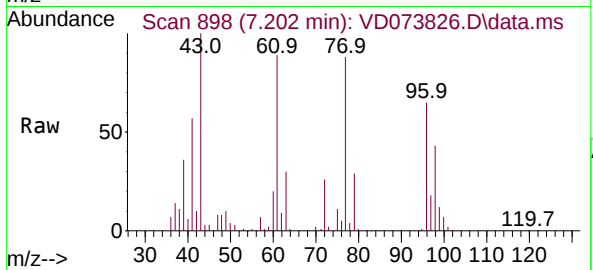




#25
2-Butanone
Concen: 415.659 ug/l
RT: 7.202 min Scan# 898
Delta R.T. -0.000 min
Lab File: VD073826.D
Acq: 11 Jul 2022 16:41

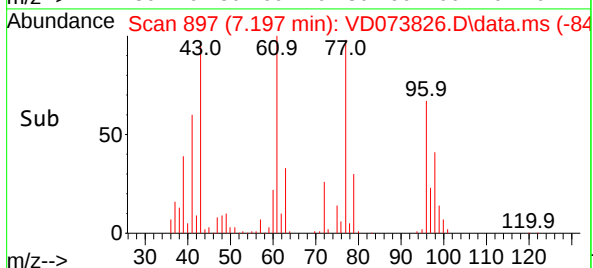
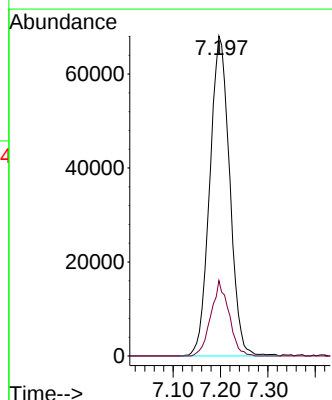
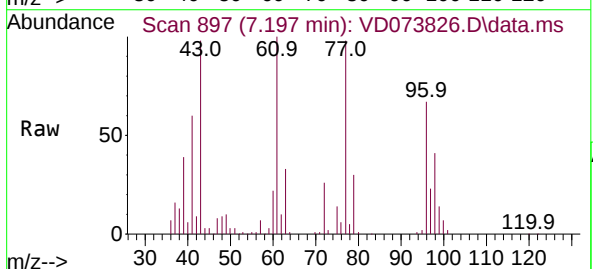
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

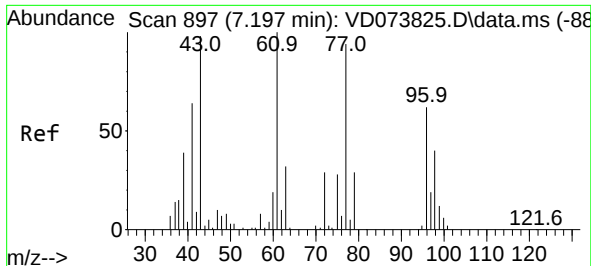
Tgt Ion: 43 Resp: 199031
Ion Ratio Lower Upper
43 100
72 26.4 20.9 31.3



#26
2,2-Dichloropropane
Concen: 79.256 ug/l
RT: 7.197 min Scan# 897
Delta R.T. -0.000 min
Lab File: VD073826.D
Acq: 11 Jul 2022 16:41

Tgt Ion: 77 Resp: 198664
Ion Ratio Lower Upper
77 100
97 21.4 10.7 31.9





#27

cis-1,2-Dichloroethene

Concen: 79.267 ug/l

RT: 7.202 min Scan# 897

Delta R.T. 0.006 min

Lab File: VD073826.D

Acq: 11 Jul 2022 16:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

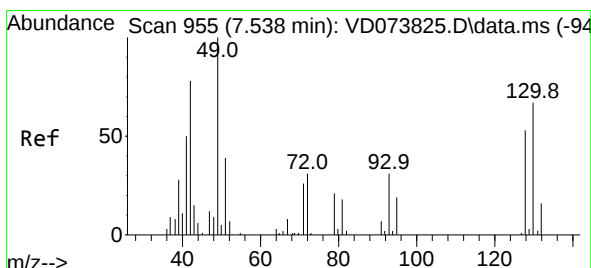
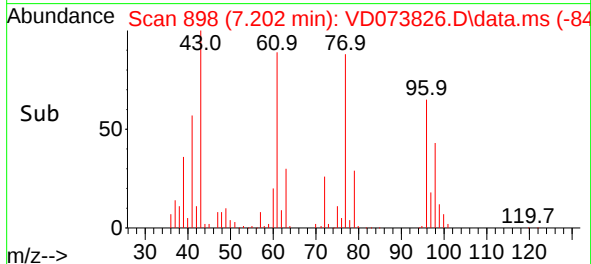
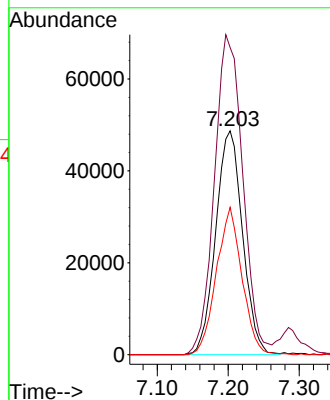
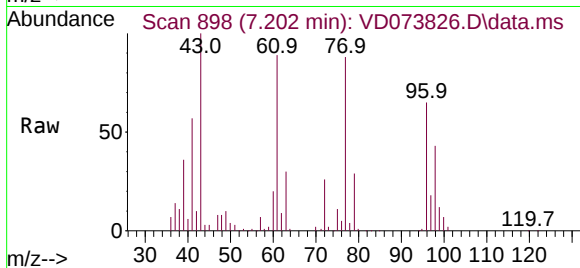
Tgt Ion: 96 Resp: 128207

Ion Ratio Lower Upper

96 100

61 151.0 0.0 324.4

98 62.6 0.0 131.6



#28

Bromochloromethane

Concen: 85.565 ug/l

RT: 7.538 min Scan# 955

Delta R.T. -0.000 min

Lab File: VD073826.D

Acq: 11 Jul 2022 16:41

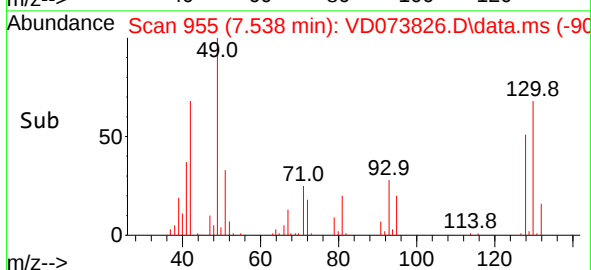
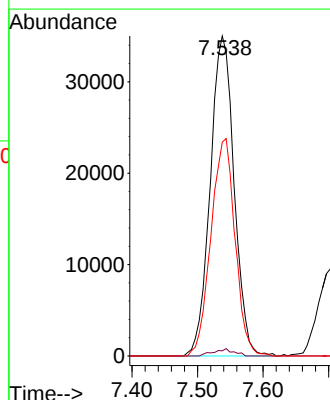
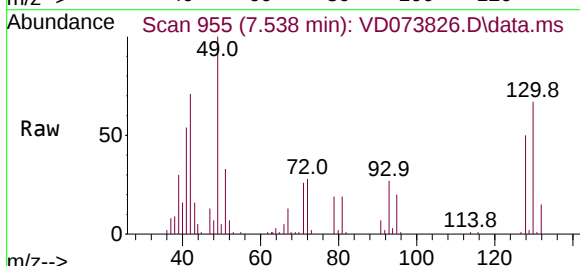
Tgt Ion: 49 Resp: 88486

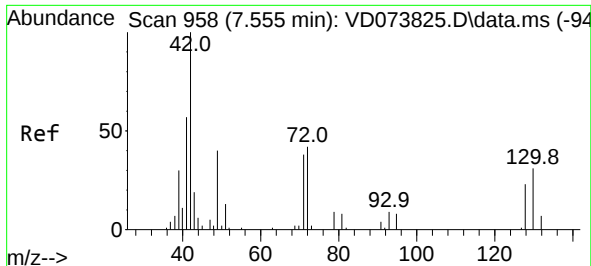
Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.0

130 68.6 51.8 77.6





#29

Tetrahydrofuran

Concen: 434.627 ug/l

RT: 7.555 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD073826.D

Acq: 11 Jul 2022 16:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

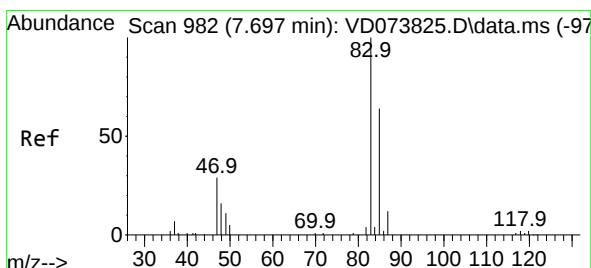
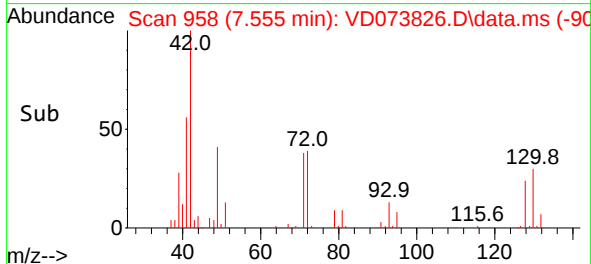
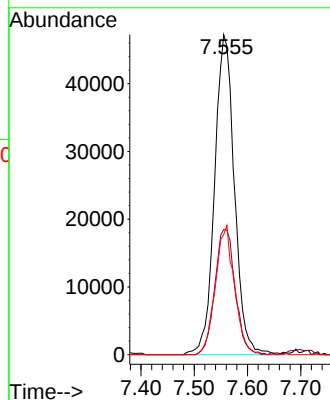
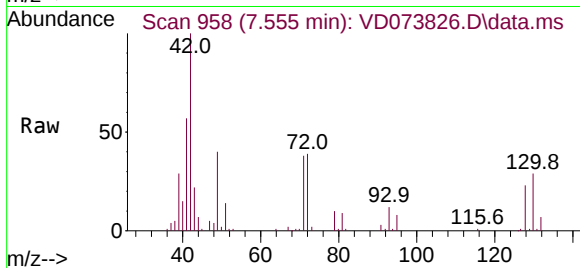
Tgt Ion: 42 Resp: 122203

Ion Ratio Lower Upper

42 100

72 40.0 33.5 50.3

71 38.7 31.0 46.6



#30

Chloroform

Concen: 82.589 ug/l

RT: 7.702 min Scan# 983

Delta R.T. 0.006 min

Lab File: VD073826.D

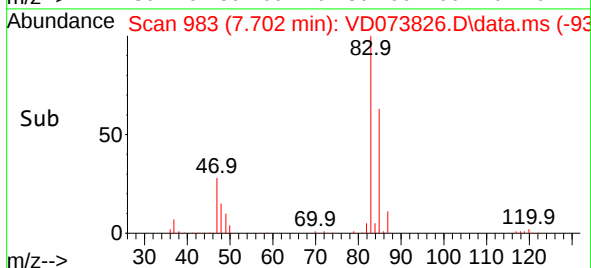
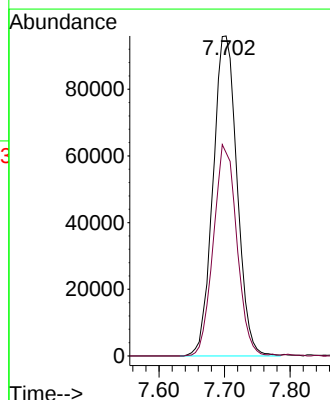
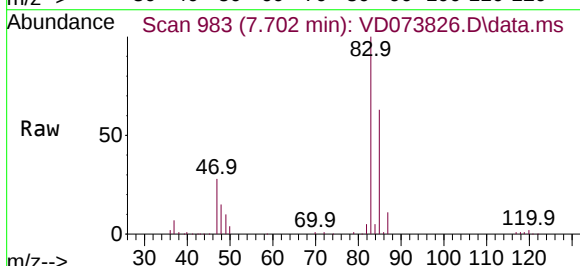
Acq: 11 Jul 2022 16:41

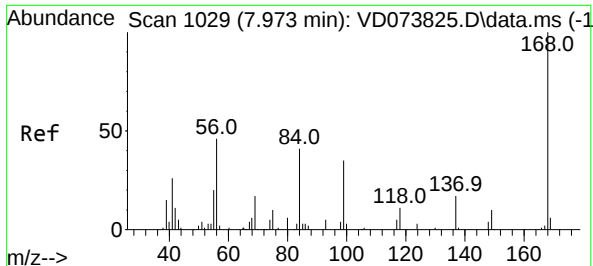
Tgt Ion: 83 Resp: 244092

Ion Ratio Lower Upper

83 100

85 63.5 51.2 76.8





#31

Cyclohexane

Concen: 62.889 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.000 min

Lab File: VD073826.D

Acq: 11 Jul 2022 16:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC100

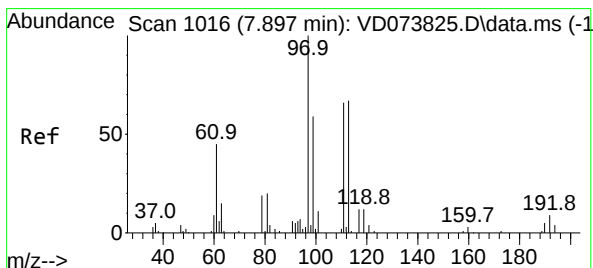
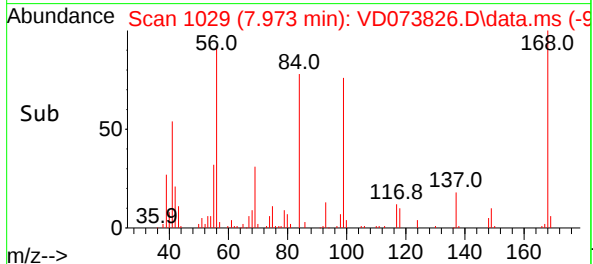
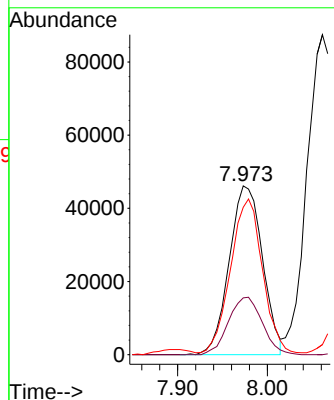
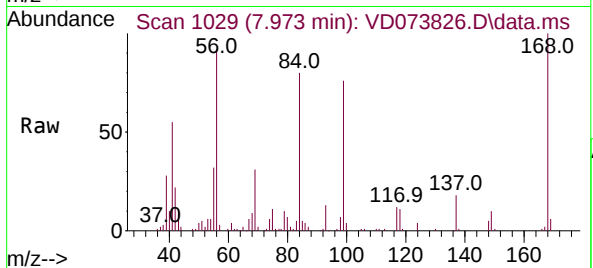
Tgt Ion: 56 Resp: 118712

Ion Ratio Lower Upper

56 100

69 33.6 29.1 43.7

84 84.3 68.2 102.2



#32

1,1,1-Trichloroethane

Concen: 80.972 ug/l

RT: 7.897 min Scan# 1016

Delta R.T. -0.000 min

Lab File: VD073826.D

Acq: 11 Jul 2022 16:41

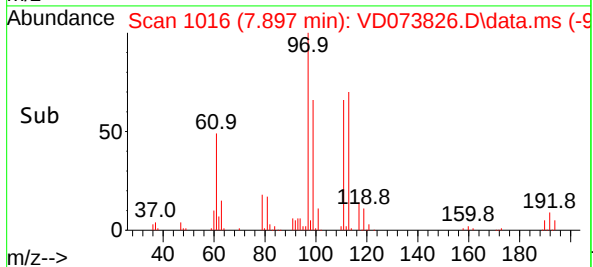
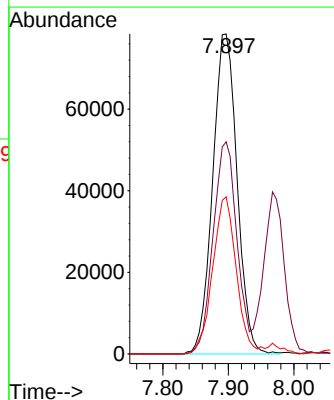
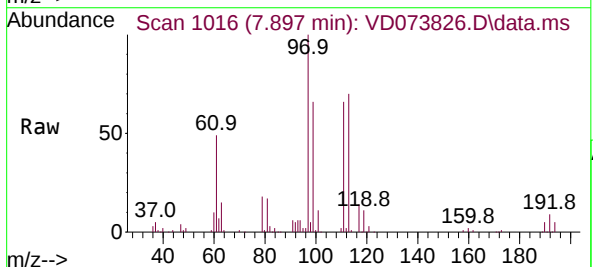
Tgt Ion: 97 Resp: 202717

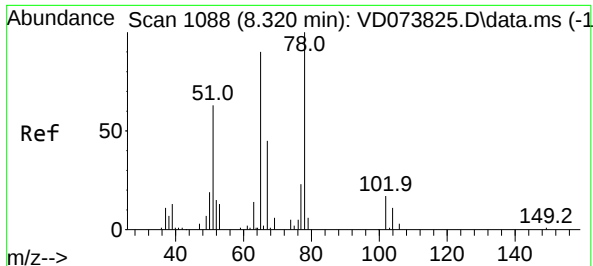
Ion Ratio Lower Upper

97 100

99 64.5 52.2 78.2

61 47.1 37.0 55.4





#33

1,2-Dichloroethane-d4

Concen: 93.744 ug/l

RT: 8.326 min Scan# 1088

Delta R.T. 0.006 min

Lab File: VD073826.D

Acq: 11 Jul 2022 16:41

Instrument :

MSVOA_D

ClientSampleId :

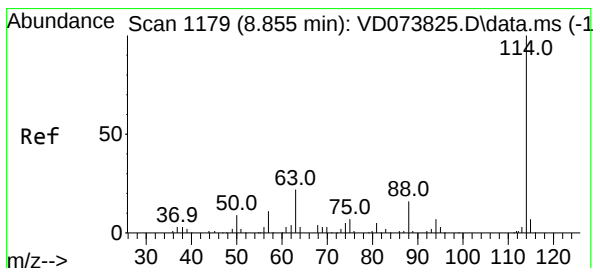
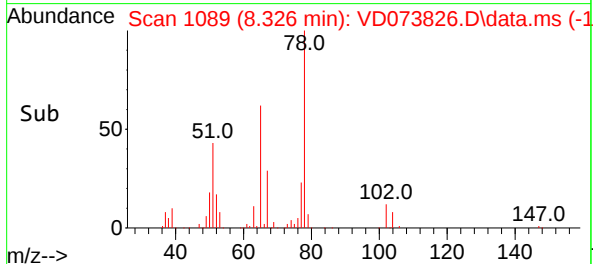
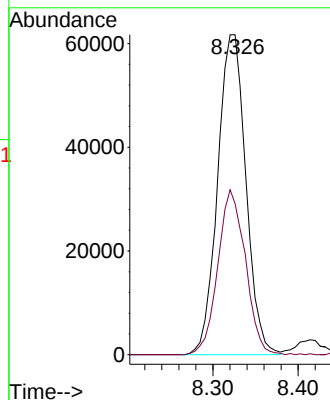
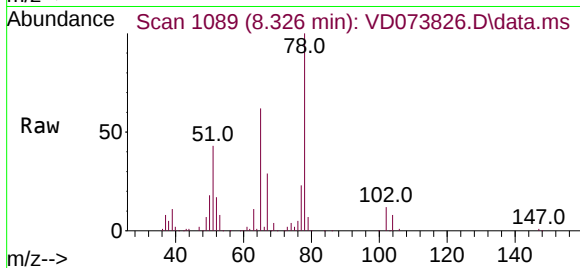
VSTDIC100

Tgt Ion: 65 Resp: 142088

Ion Ratio Lower Upper

65 100

67 50.3 0.0 106.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VD073826.D

Acq: 11 Jul 2022 16:41

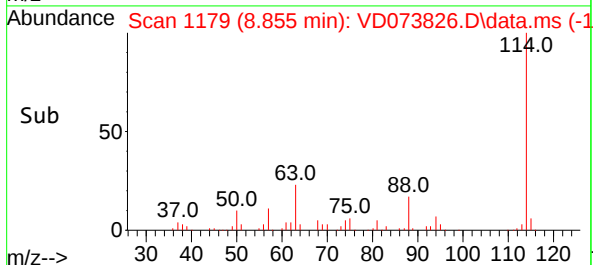
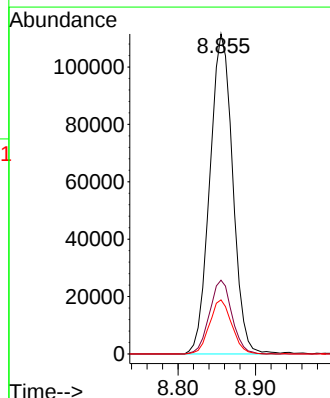
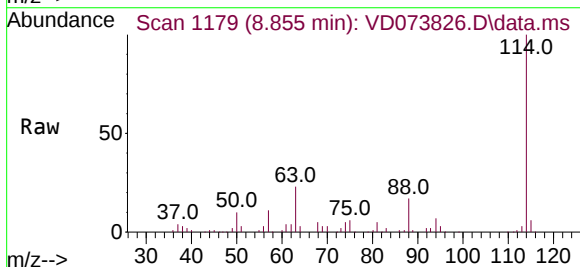
Tgt Ion: 114 Resp: 228610

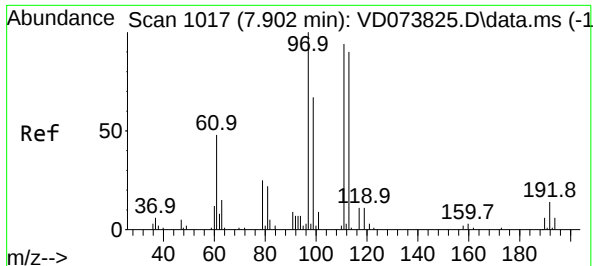
Ion Ratio Lower Upper

114 100

63 23.1 0.0 43.0

88 16.9 0.0 33.0





#35

Dibromofluoromethane

Concen: 100.869 ug/l

RT: 7.908 min Scan# 1017

Delta R.T. 0.006 min

Lab File: VD073826.D

Acq: 11 Jul 2022 16:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

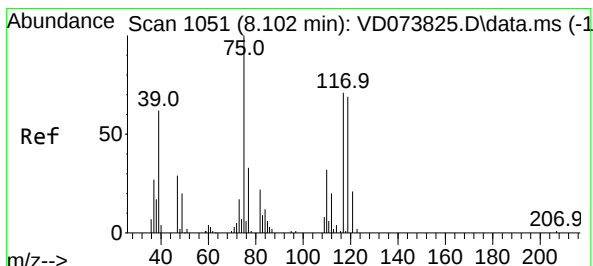
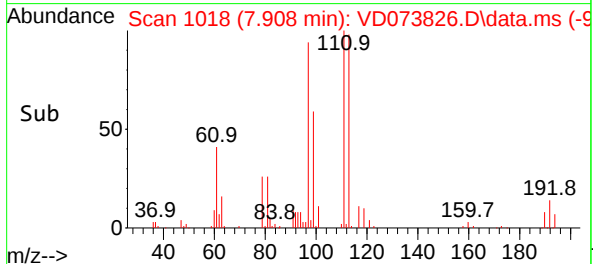
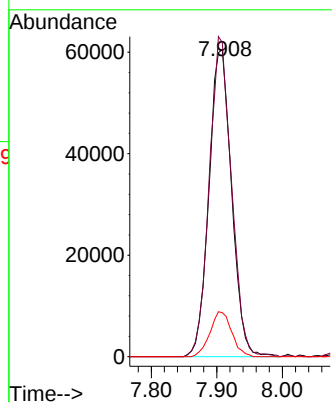
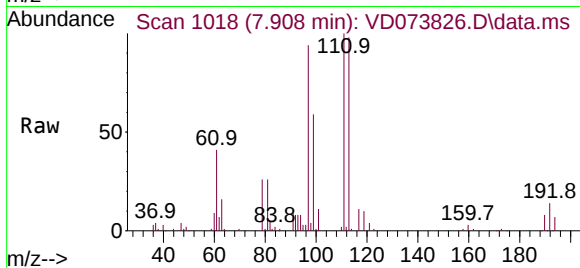
Tgt Ion:113 Resp: 145200

Ion Ratio Lower Upper

113 100

111 102.0 82.2 123.4

192 14.1 12.3 18.5



#36

1,1-Dichloropropene

Concen: 76.685 ug/l

RT: 8.102 min Scan# 1051

Delta R.T. -0.000 min

Lab File: VD073826.D

Acq: 11 Jul 2022 16:41

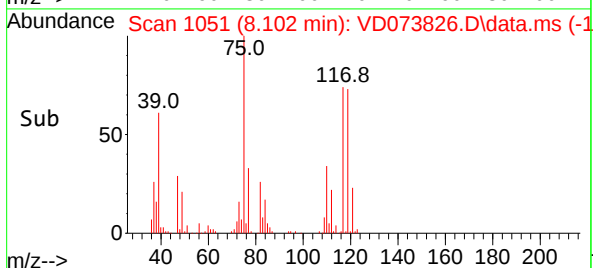
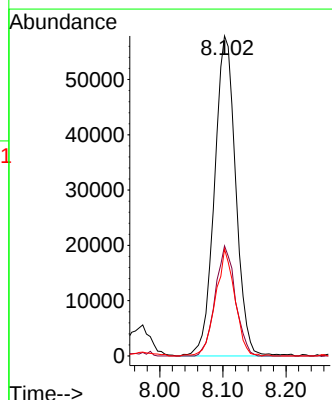
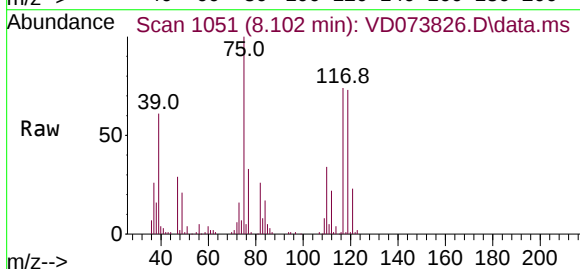
Tgt Ion: 75 Resp: 135192

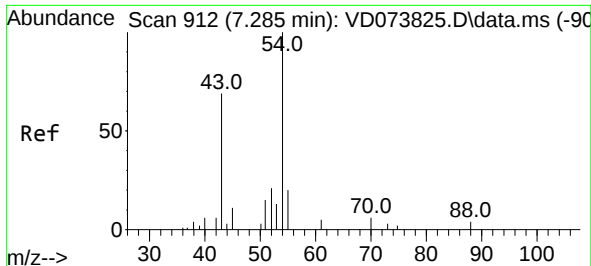
Ion Ratio Lower Upper

75 100

110 32.7 16.0 47.9

77 30.6 25.3 37.9





#37

Ethyl Acetate

Concen: 83.741 ug/l

RT: 7.285 min Scan# 912

Delta R.T. -0.000 min

Lab File: VD073826.D

Acq: 11 Jul 2022 16:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC100

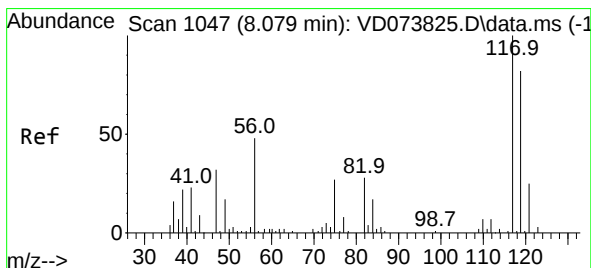
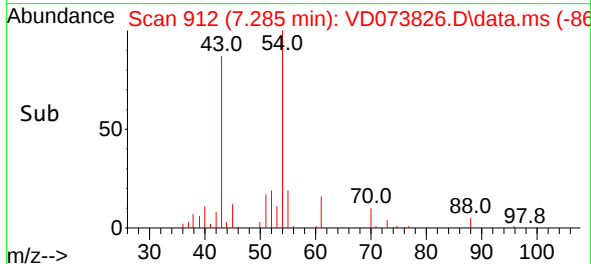
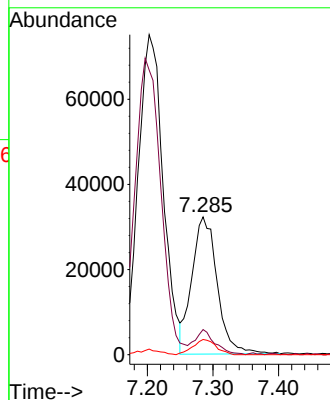
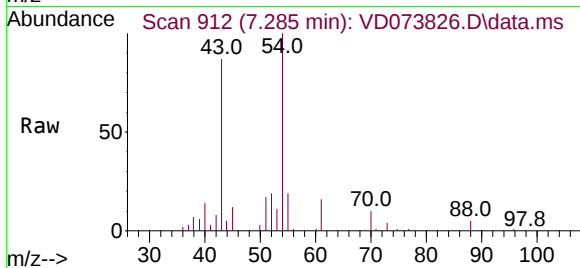
Tgt Ion: 43 Resp: 86797

Ion Ratio Lower Upper

43 100

61 14.3 10.8 16.2

70 10.0 7.5 11.3



#38

Carbon Tetrachloride

Concen: 79.678 ug/l

RT: 8.085 min Scan# 1048

Delta R.T. 0.006 min

Lab File: VD073826.D

Acq: 11 Jul 2022 16:41

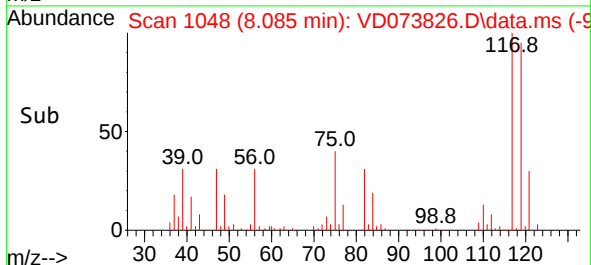
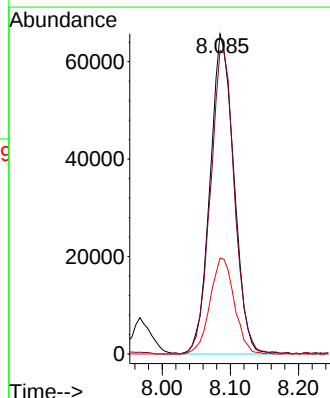
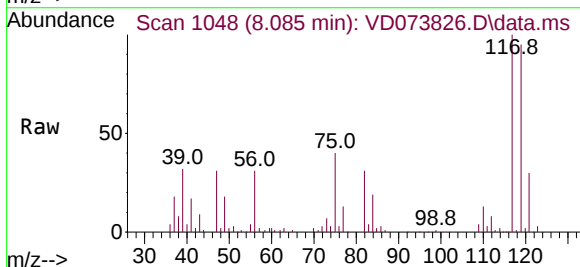
Tgt Ion: 117 Resp: 159673

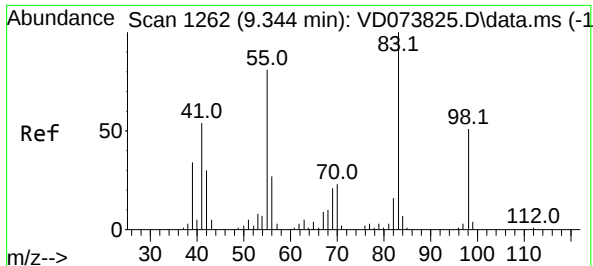
Ion Ratio Lower Upper

117 100

119 94.8 65.6 98.4

121 30.0 20.1 30.1





#39

Methylcyclohexane

Concen: 73.843 ug/l

RT: 9.344 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD073826.D

Acq: 11 Jul 2022 16:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

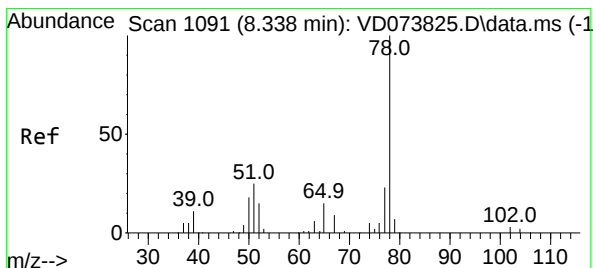
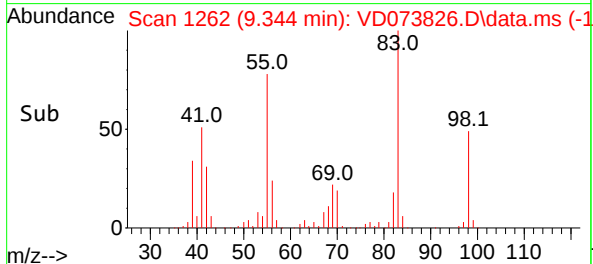
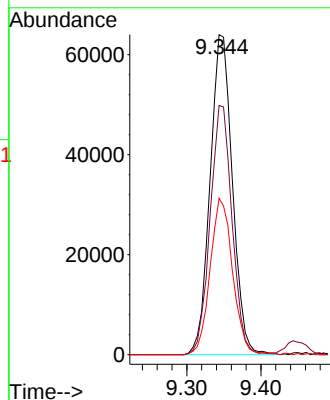
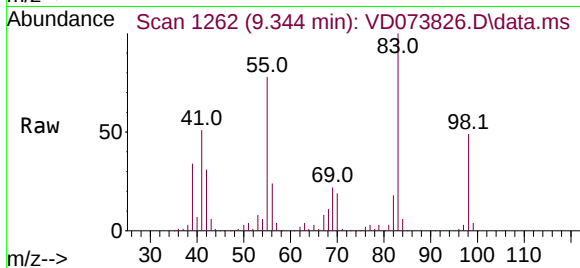
Tgt Ion: 83 Resp: 133826

Ion Ratio Lower Upper

83 100

55 77.9 64.8 97.2

98 48.8 41.0 61.4



#40

Benzene

Concen: 79.888 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. 0.006 min

Lab File: VD073826.D

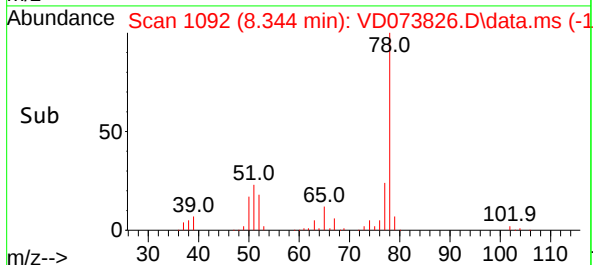
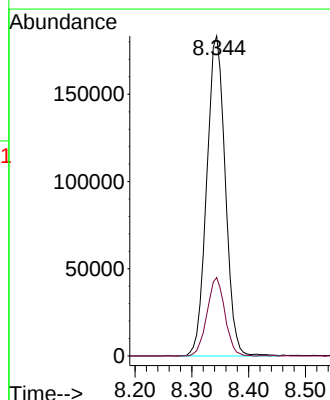
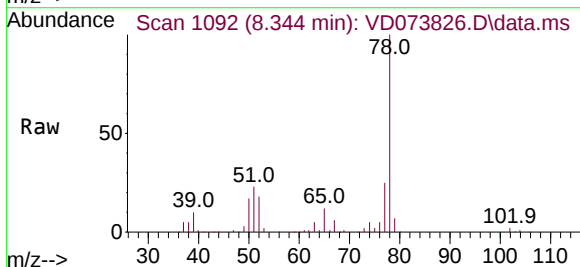
Acq: 11 Jul 2022 16:41

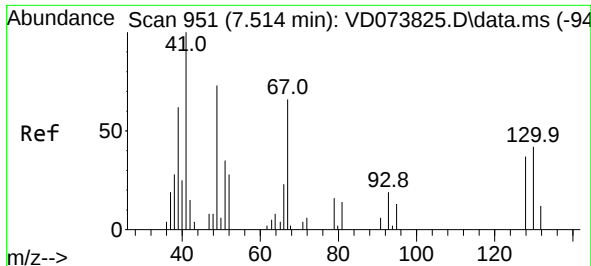
Tgt Ion: 78 Resp: 414343

Ion Ratio Lower Upper

78 100

77 24.5 18.8 28.2

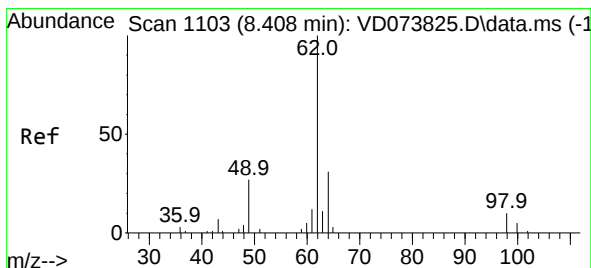
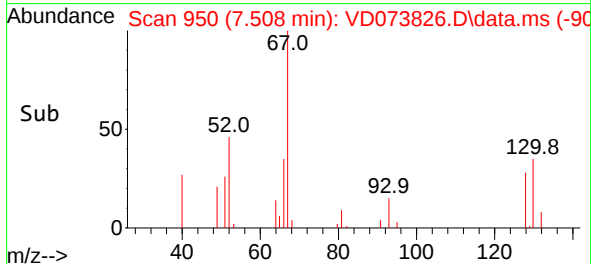
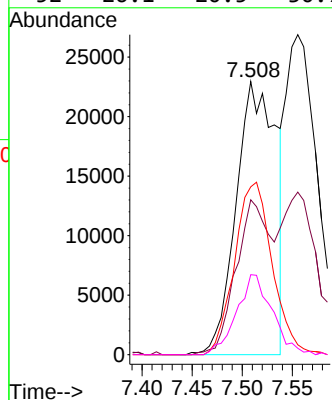
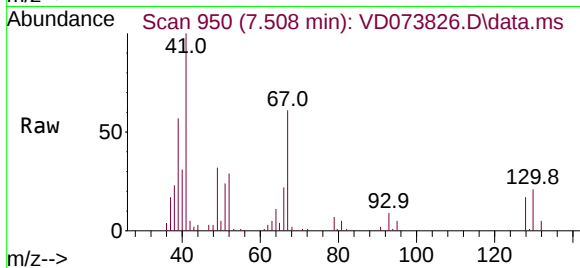




#41
Methacrylonitrile
Concen: 105.277 ug/l
RT: 7.508 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD073826.D
Acq: 11 Jul 2022 16:41

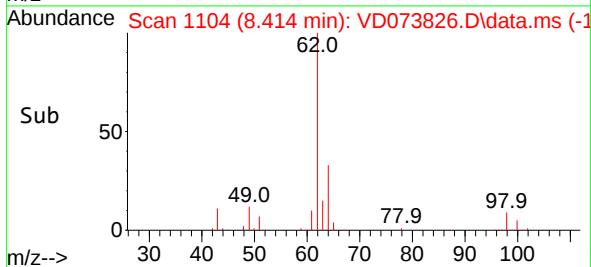
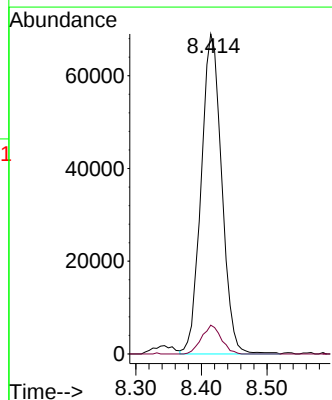
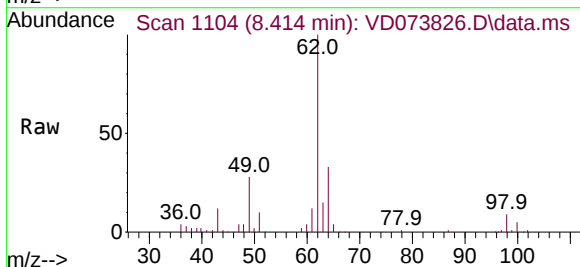
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

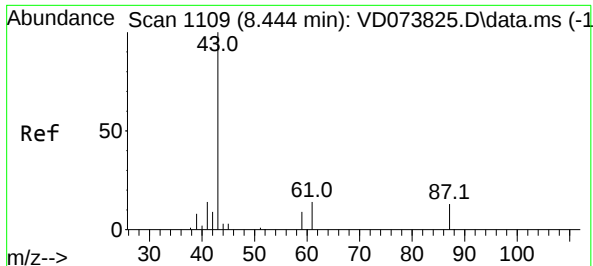
Tgt Ion:	41	Resp:	63596
Ion	Ratio	Lower	Upper
41	100		
39	49.0	35.6	53.4
67	59.5	45.0	67.6
52	26.1	20.5	30.7



#42
1,2-Dichloroethane
Concen: 84.429 ug/l
RT: 8.414 min Scan# 1104
Delta R.T. 0.006 min
Lab File: VD073826.D
Acq: 11 Jul 2022 16:41

Tgt Ion:	62	Resp:	150774
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	16.2

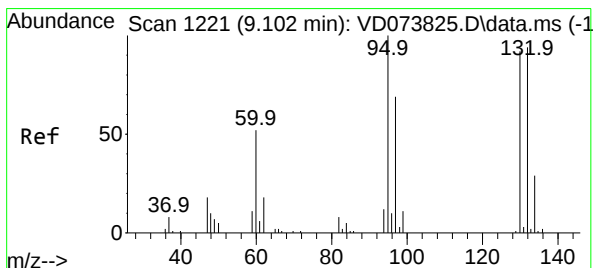
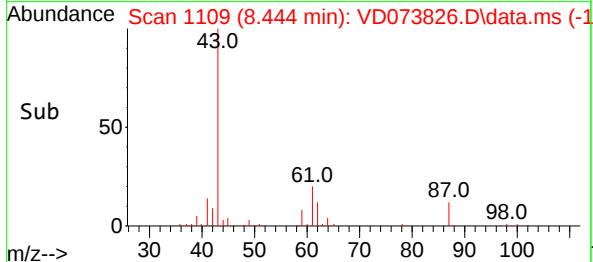
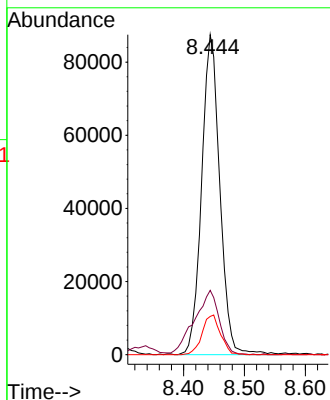
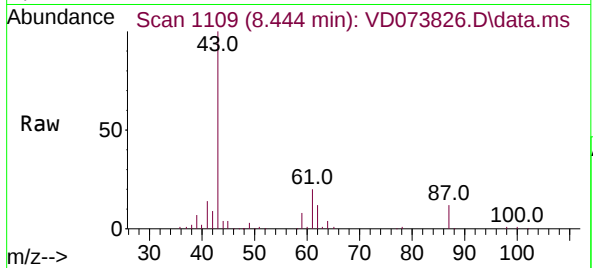




#43
Isopropyl Acetate
Concen: 86.738 ug/l
RT: 8.444 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VD073826.D
Acq: 11 Jul 2022 16:41

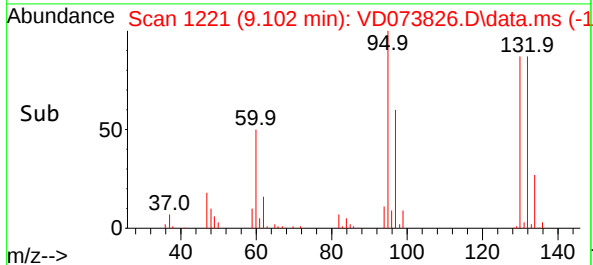
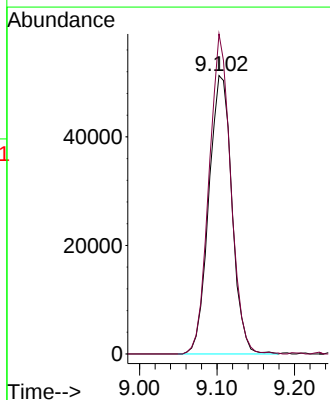
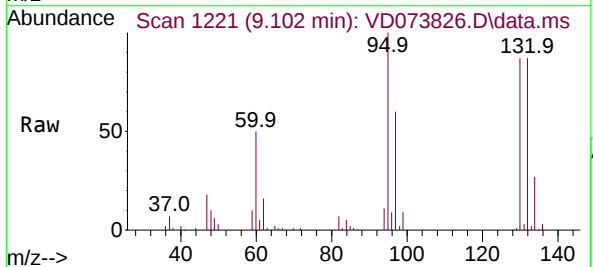
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

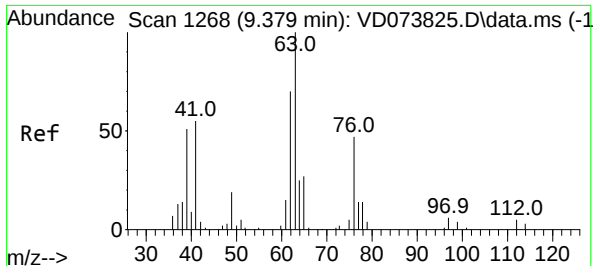
Tgt Ion: 43 Resp: 181984
Ion Ratio Lower Upper
43 100
61 27.4 22.2 33.2
87 12.5 9.7 14.5



#44
Trichloroethene
Concen: 77.089 ug/l
RT: 9.102 min Scan# 1221
Delta R.T. -0.000 min
Lab File: VD073826.D
Acq: 11 Jul 2022 16:41

Tgt Ion:130 Resp: 106349
Ion Ratio Lower Upper
130 100
95 114.9 0.0 217.0





#45

1,2-Dichloropropane

Concen: 85.564 ug/l

RT: 9.379 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD073826.D

Acq: 11 Jul 2022 16:41

Instrument :

MSVOA_D

ClientSampleId :

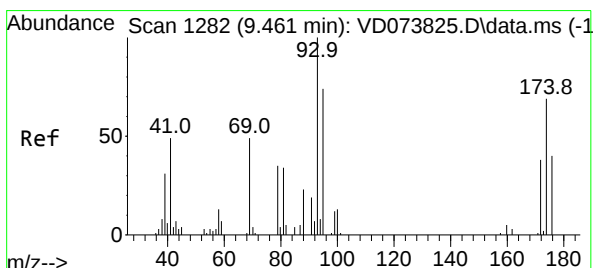
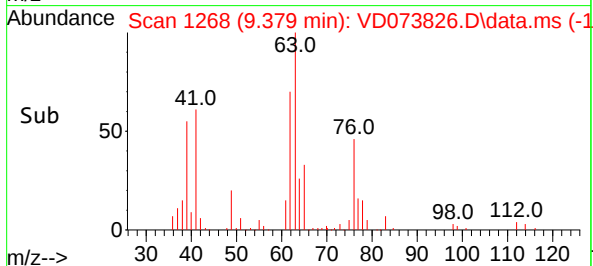
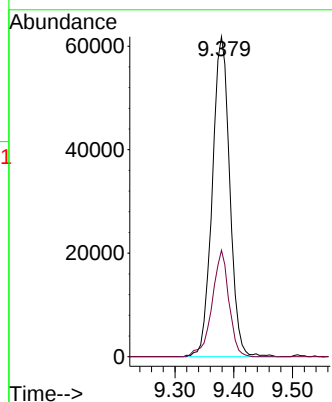
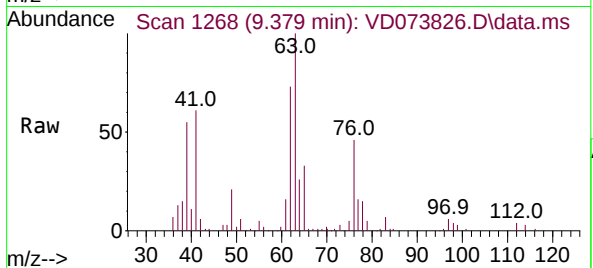
VSTDICC100

Tgt Ion: 63 Resp: 127419

Ion Ratio Lower Upper

63 100

65 33.3 21.7 32.5#



#46

Dibromomethane

Concen: 82.352 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. 0.006 min

Lab File: VD073826.D

Acq: 11 Jul 2022 16:41

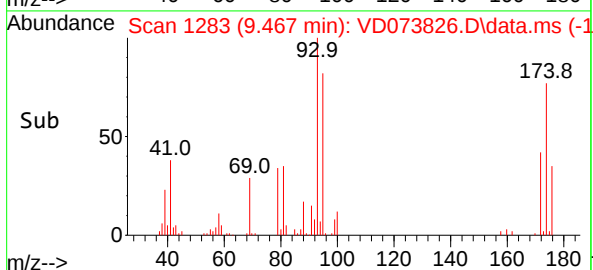
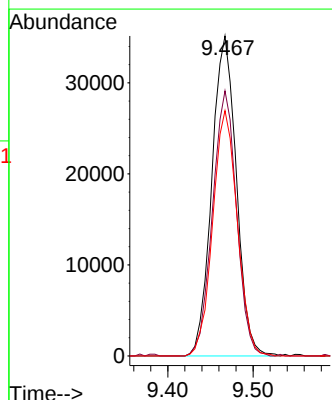
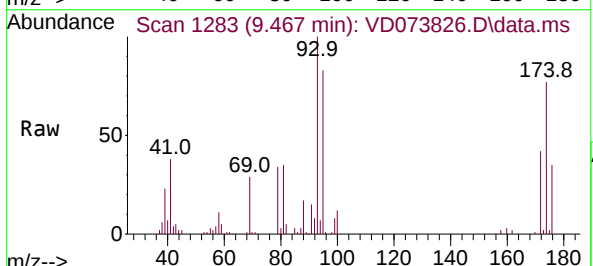
Tgt Ion: 93 Resp: 70223

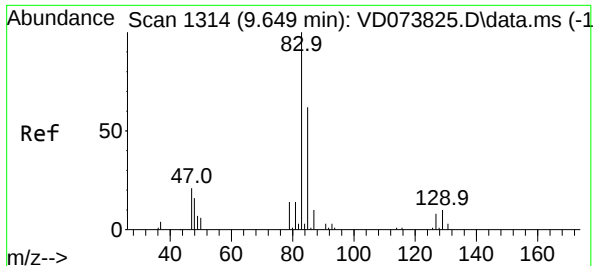
Ion Ratio Lower Upper

93 100

95 81.1 61.8 92.6

174 76.8 58.7 88.1





#47

Bromodichloromethane

Concen: 84.942 ug/l

RT: 9.655 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD073826.D

Acq: 11 Jul 2022 16:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC100

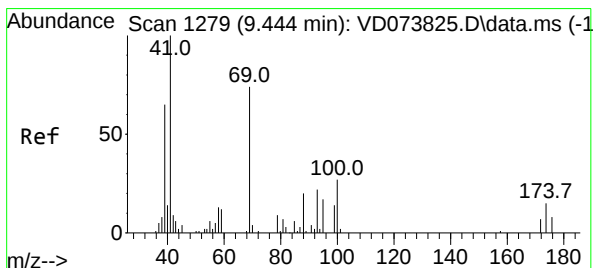
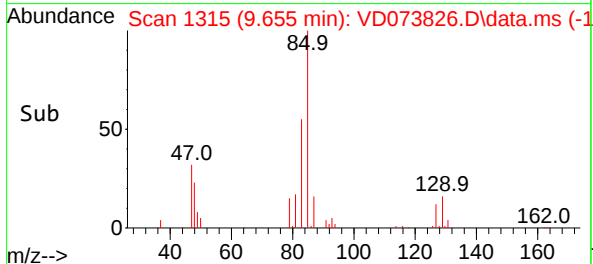
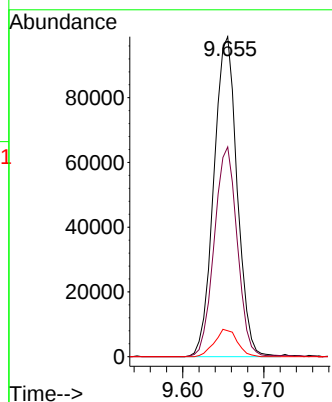
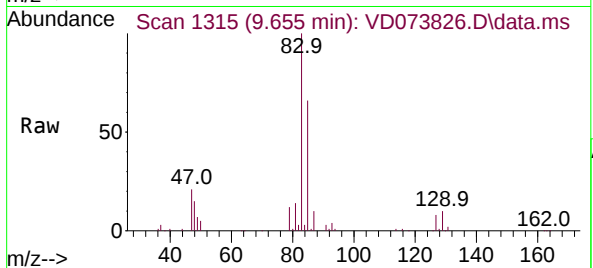
Tgt Ion: 83 Resp: 197302

Ion Ratio Lower Upper

83 100

85 65.6 50.0 75.0

127 8.1 6.2 9.2



#48

Methyl methacrylate

Concen: 87.311 ug/l

RT: 9.449 min Scan# 1280

Delta R.T. 0.006 min

Lab File: VD073826.D

Acq: 11 Jul 2022 16:41

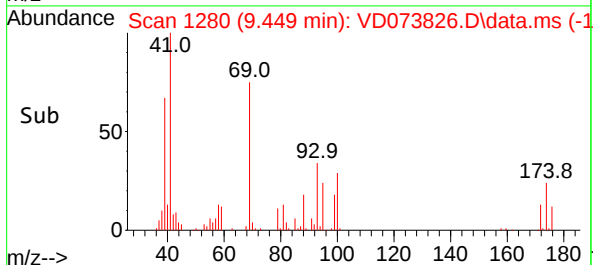
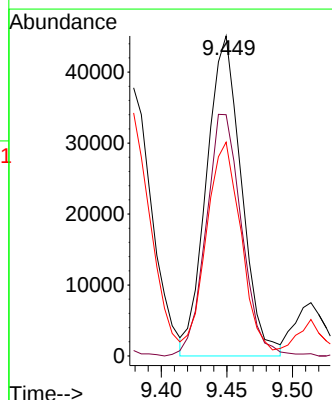
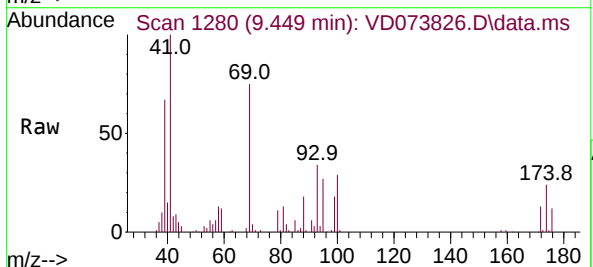
Tgt Ion: 41 Resp: 83572

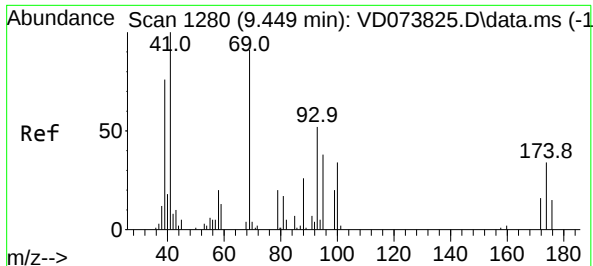
Ion Ratio Lower Upper

41 100

69 76.9 63.4 95.2

39 67.0 55.6 83.4





#49

1,4-Dioxane

Concen: 1761.605 ug/l

RT: 9.455 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD073826.D

Acq: 11 Jul 2022 16:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

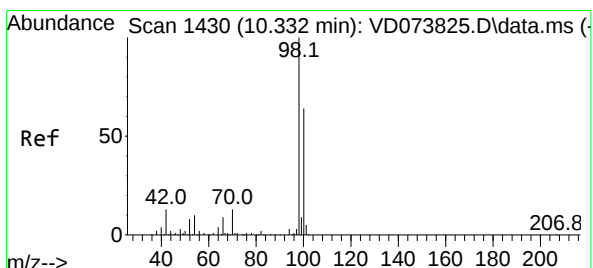
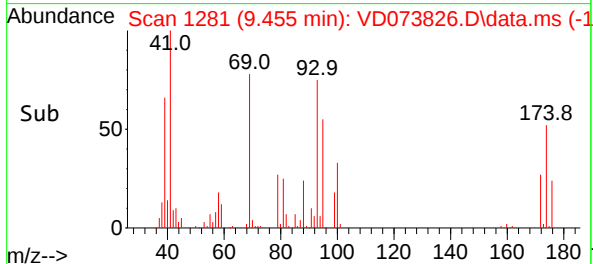
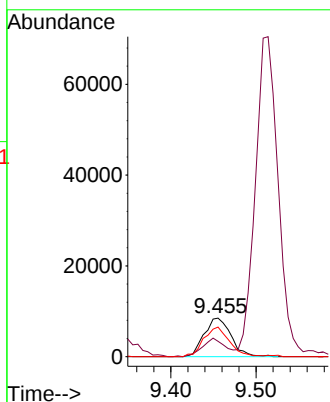
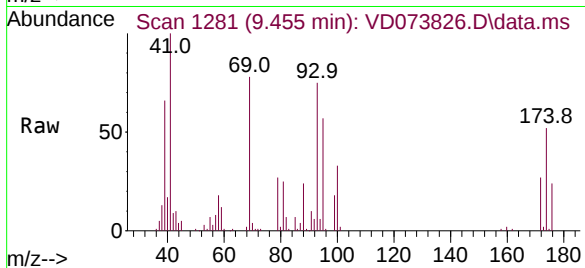
Tgt Ion: 88 Resp: 18636

Ion Ratio Lower Upper

88 100

43 40.4 34.2 51.4

58 73.4 54.8 82.2



#50

Toluene-d8

Concen: 93.948 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD073826.D

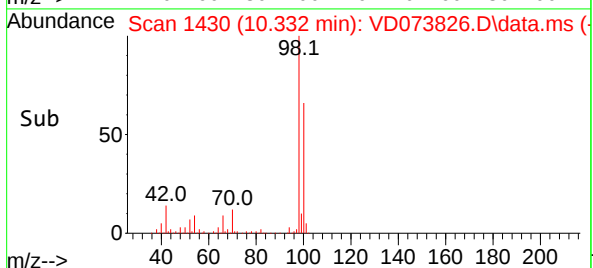
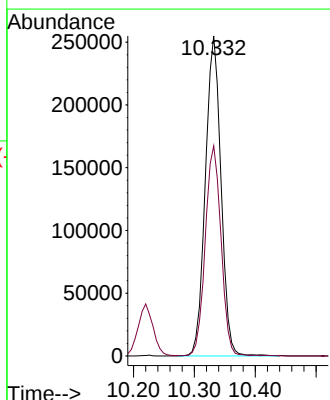
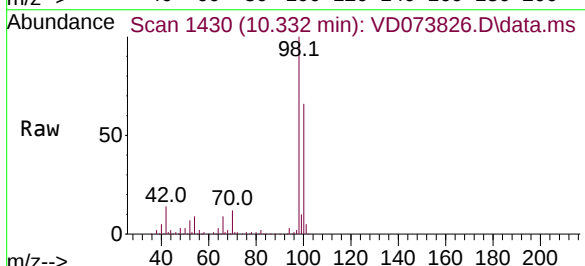
Acq: 11 Jul 2022 16:41

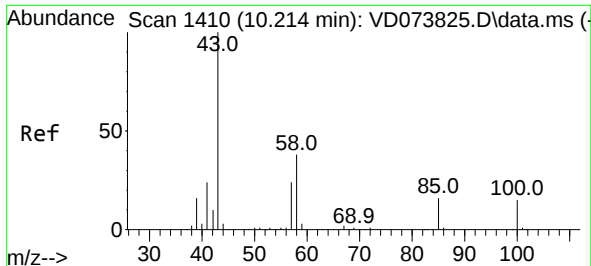
Tgt Ion: 98 Resp: 454541

Ion Ratio Lower Upper

98 100

100 66.4 52.9 79.3





#51

4-Methyl-2-Pentanone

Concen: 454.532 ug/l

RT: 10.220 min Scan# 1411

Delta R.T. 0.006 min

Lab File: VD073826.D

Acq: 11 Jul 2022 16:41

Instrument :

MSVOA_D

ClientSampleId :

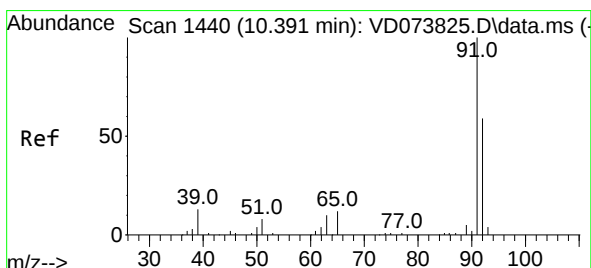
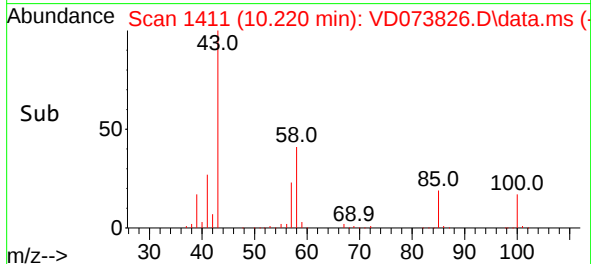
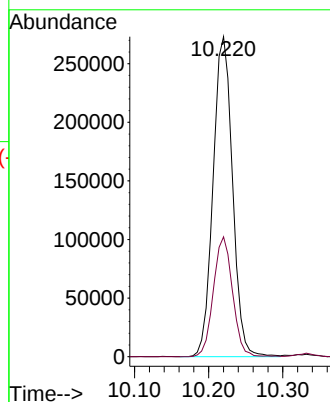
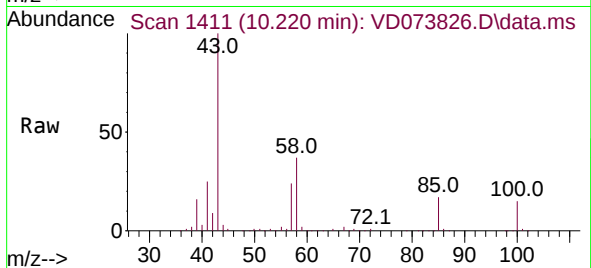
VSTDIC100

Tgt Ion: 43 Resp: 497785

Ion Ratio Lower Upper

43 100

58 36.9 29.3 43.9



#52

Toluene

Concen: 82.926 ug/l

RT: 10.391 min Scan# 1440

Delta R.T. -0.000 min

Lab File: VD073826.D

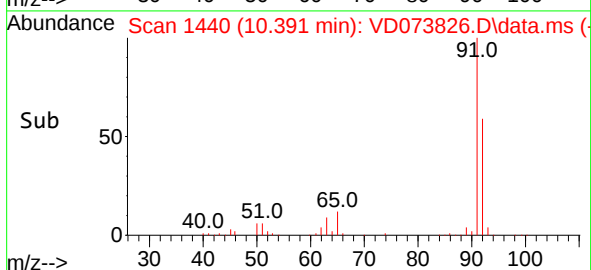
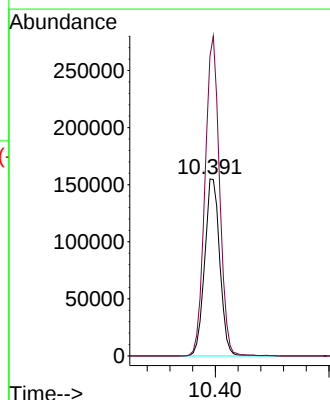
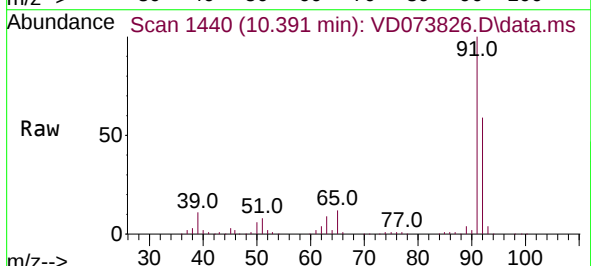
Acq: 11 Jul 2022 16:41

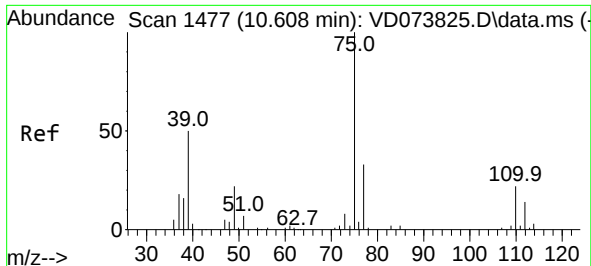
Tgt Ion: 92 Resp: 285300

Ion Ratio Lower Upper

92 100

91 173.7 138.4 207.6





#53

t-1,3-Dichloropropene

Concen: 86.942 ug/l

RT: 10.614 min Scan# 1477

Delta R.T. 0.006 min

Lab File: VD073826.D

Acq: 11 Jul 2022 16:41

Instrument :

MSVOA_D

ClientSampleId :

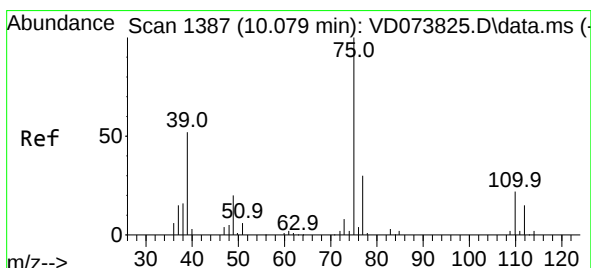
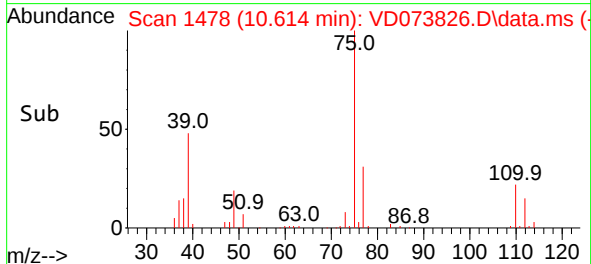
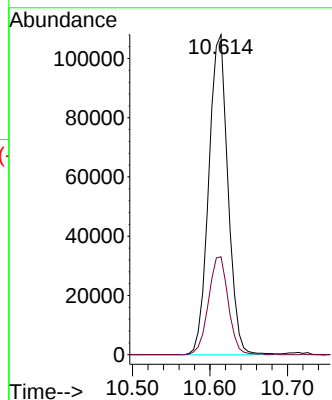
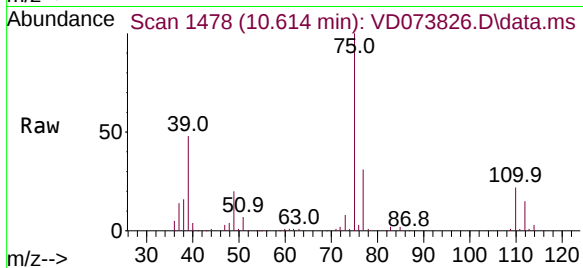
VSTDIC100

Tgt Ion: 75 Resp: 185764

Ion Ratio Lower Upper

75 100

77 30.6 26.4 39.6



#54

cis-1,3-Dichloropropene

Concen: 84.146 ug/l

RT: 10.079 min Scan# 1387

Delta R.T. -0.000 min

Lab File: VD073826.D

Acq: 11 Jul 2022 16:41

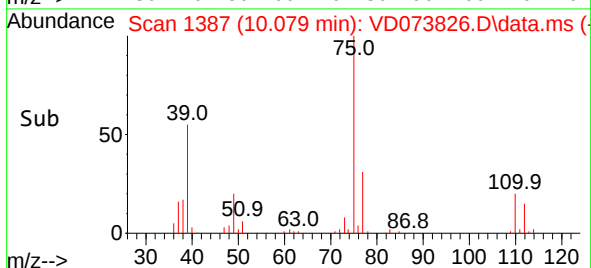
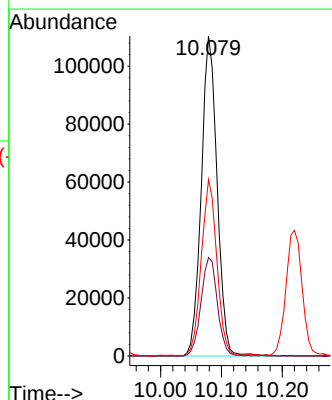
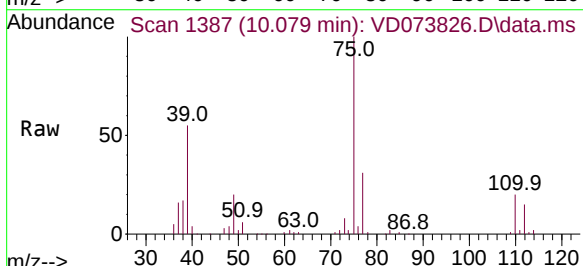
Tgt Ion: 75 Resp: 199387

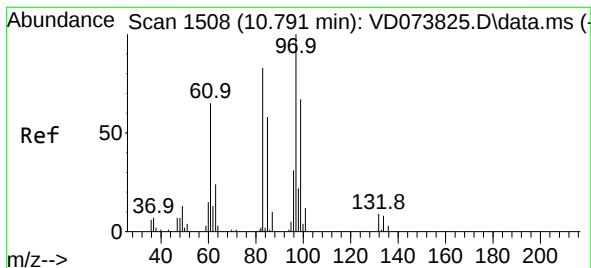
Ion Ratio Lower Upper

75 100

77 30.8 24.2 36.4

39 55.0 41.4 62.2

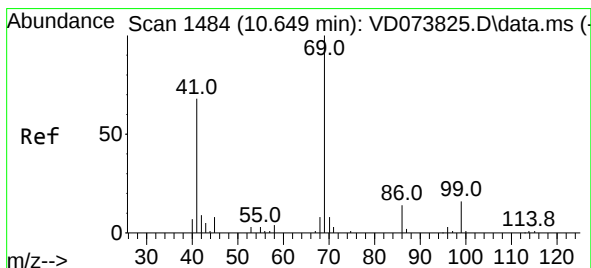
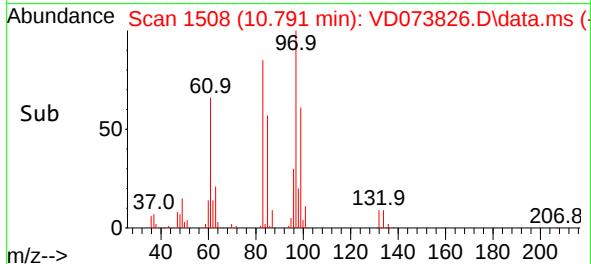
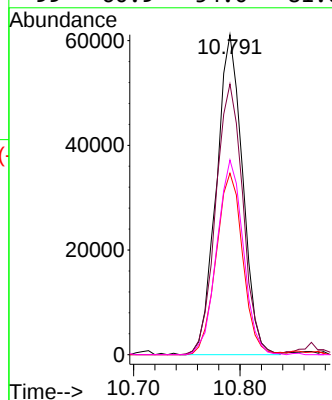
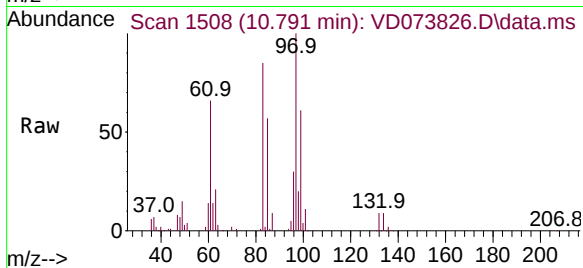




#55
1,1,2-Trichloroethane
Concen: 87.561 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VD073826.D
Acq: 11 Jul 2022 16:41

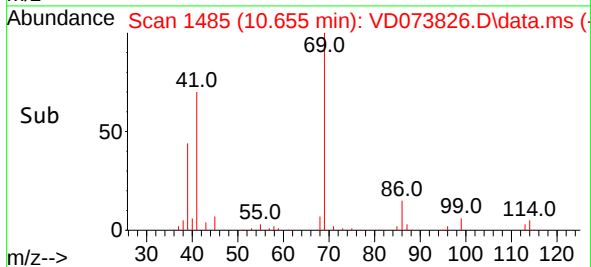
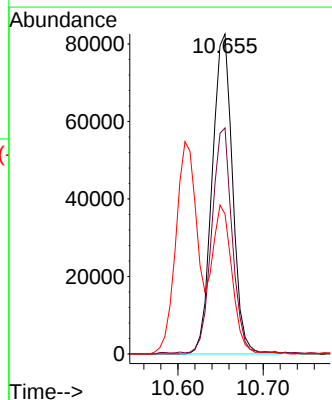
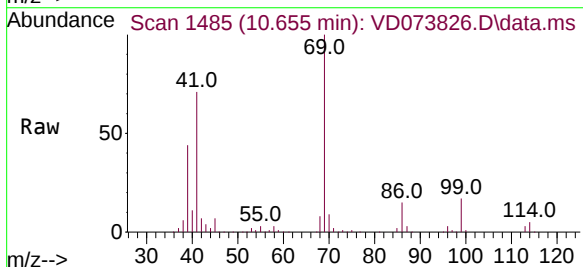
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

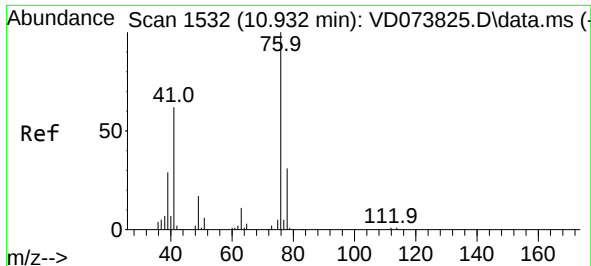
Tgt Ion:	97	Resp:	104489
Ion	Ratio	Lower	Upper
97	100		
83	84.6	66.8	100.2
85	56.7	46.6	69.8
99	60.9	54.0	81.0



#56
Ethyl methacrylate
Concen: 89.834 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.006 min
Lab File: VD073826.D
Acq: 11 Jul 2022 16:41

Tgt Ion:	69	Resp:	136837
Ion	Ratio	Lower	Upper
69	100		
41	70.3	55.3	82.9
39	45.7	35.9	53.9





#57

1,3-Dichloropropane

Concen: 86.526 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. 0.006 min

Lab File: VD073826.D

Acq: 11 Jul 2022 16:41

Instrument :

MSVOA_D

ClientSampleId :

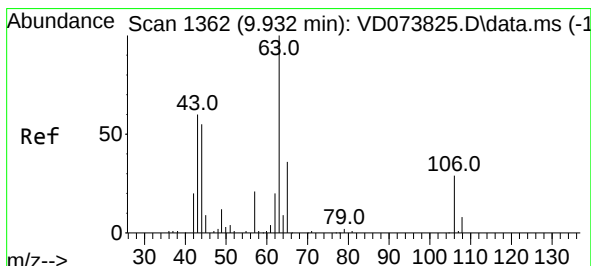
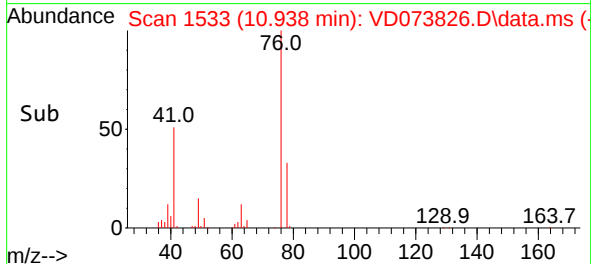
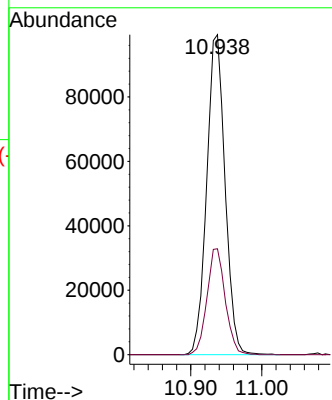
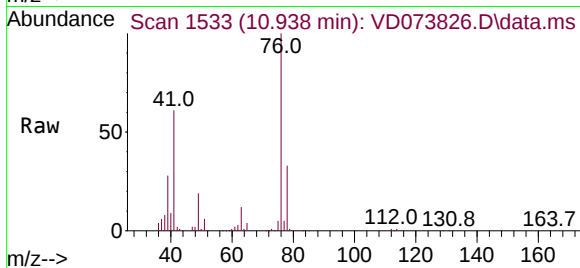
VSTDICC100

Tgt Ion: 76 Resp: 178259

Ion Ratio Lower Upper

76 100

78 33.0 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 418.250 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VD073826.D

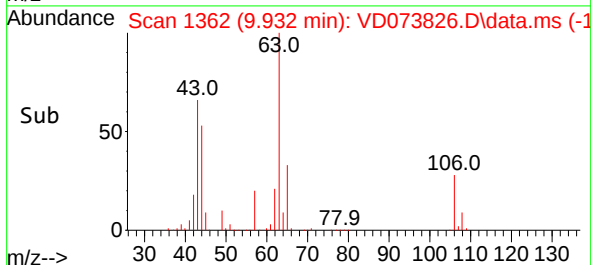
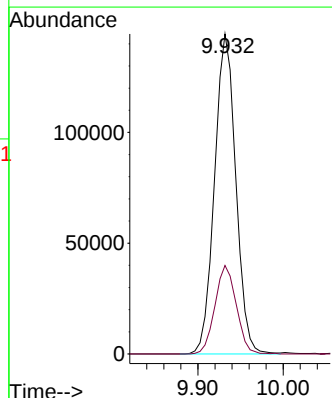
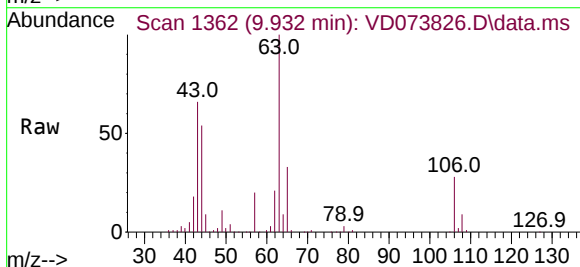
Acq: 11 Jul 2022 16:41

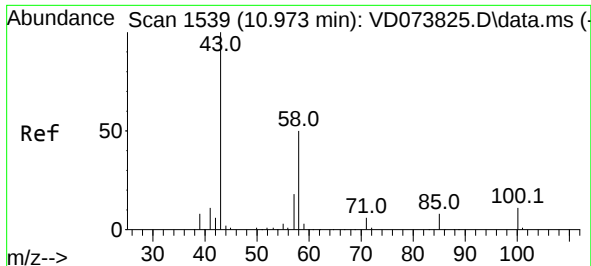
Tgt Ion: 63 Resp: 250569

Ion Ratio Lower Upper

63 100

106 27.7 21.3 31.9

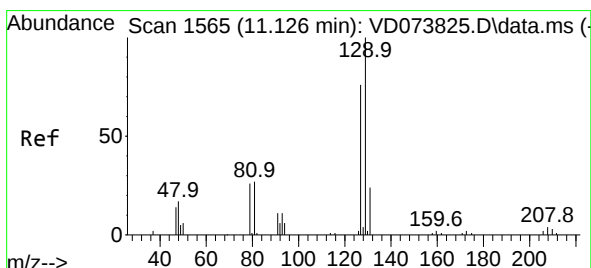
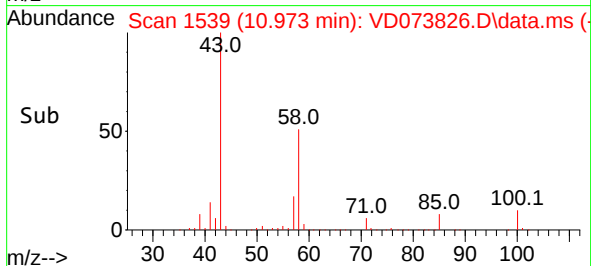
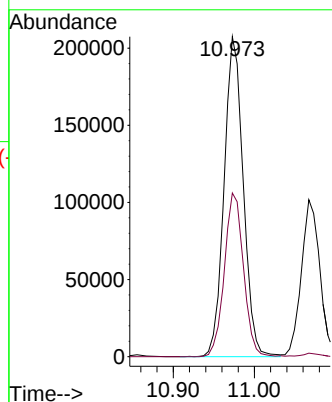
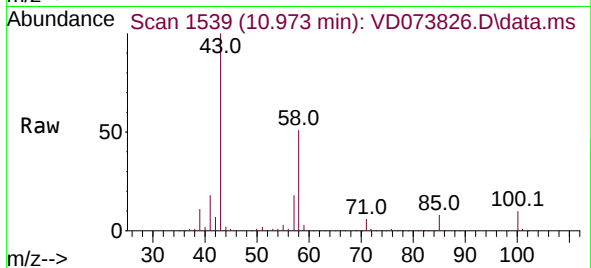




#59
2-Hexanone
Concen: 462.767 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VD073826.D
Acq: 11 Jul 2022 16:41

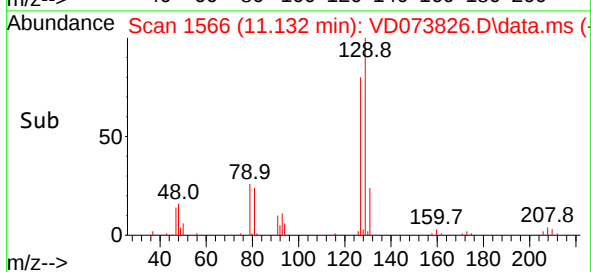
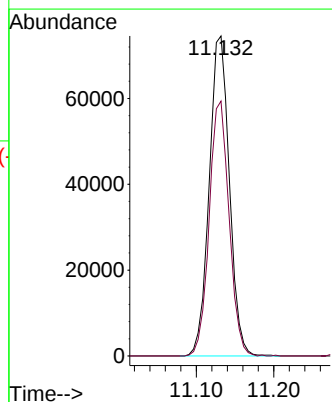
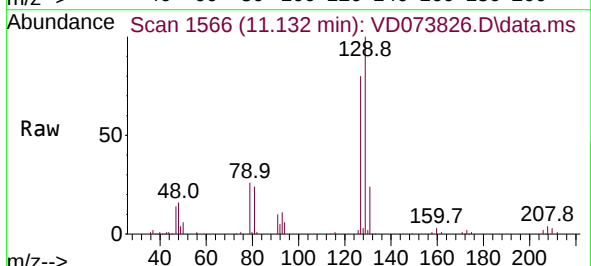
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

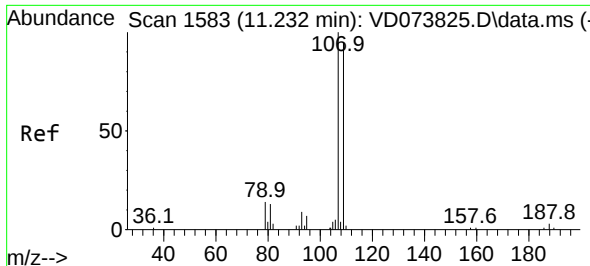
Tgt Ion: 43 Resp: 340292
Ion Ratio Lower Upper
43 100
58 51.1 25.3 75.9



#60
Dibromochloromethane
Concen: 90.905 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. 0.006 min
Lab File: VD073826.D
Acq: 11 Jul 2022 16:41

Tgt Ion: 129 Resp: 134433
Ion Ratio Lower Upper
129 100
127 78.5 38.7 116.1

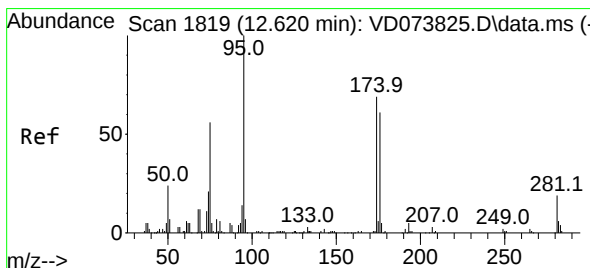
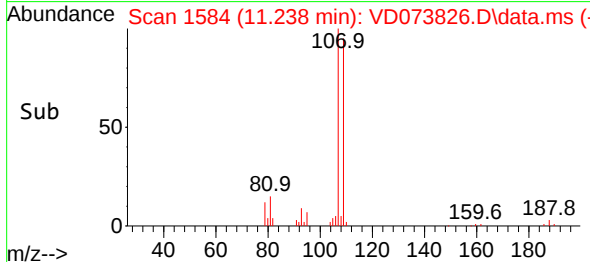
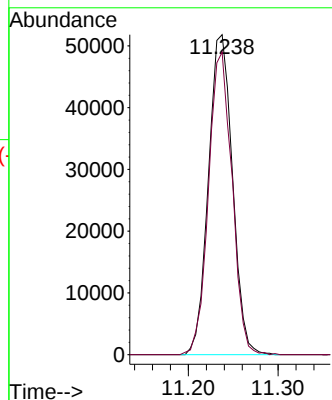
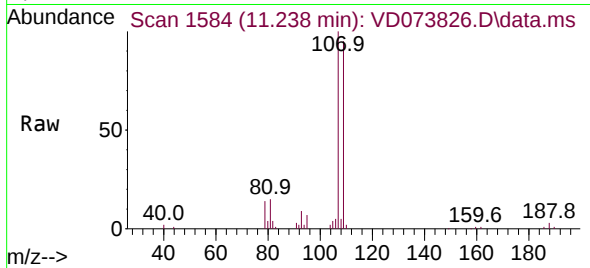




#61
1,2-Dibromoethane
Concen: 87.331 ug/l
RT: 11.238 min Scan# 1583
Delta R.T. 0.006 min
Lab File: VD073826.D
Acq: 11 Jul 2022 16:41

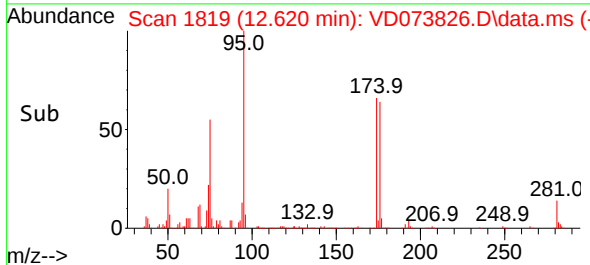
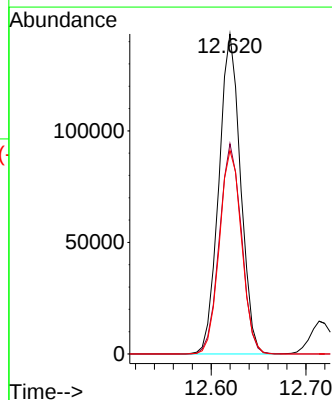
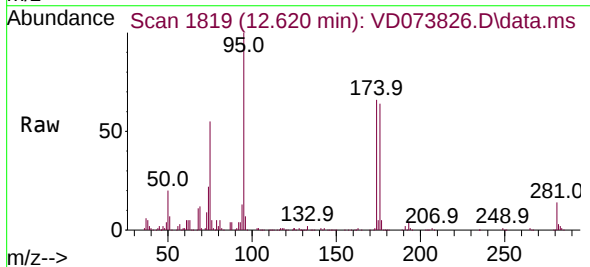
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

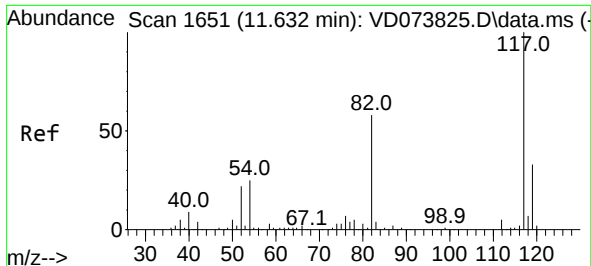
Tgt Ion:107 Resp: 96327
Ion Ratio Lower Upper
107 100
109 92.3 73.2 109.8



#62
4-Bromofluorobenzene
Concen: 112.078 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073826.D
Acq: 11 Jul 2022 16:41

Tgt Ion: 95 Resp: 228545
Ion Ratio Lower Upper
95 100
174 66.7 0.0 131.8
176 64.8 0.0 124.2

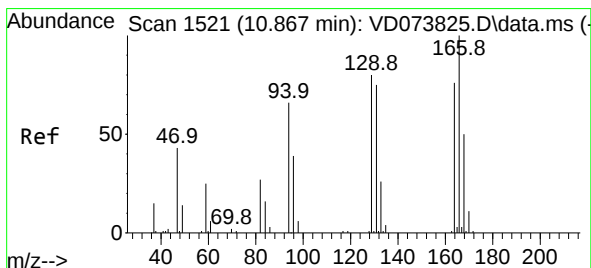
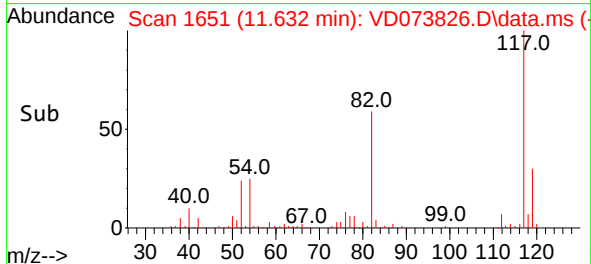
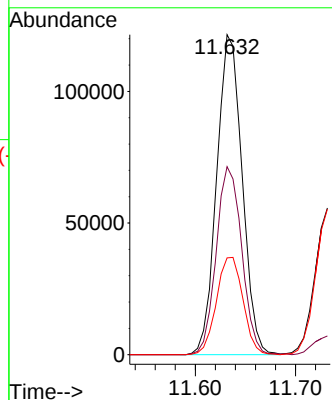
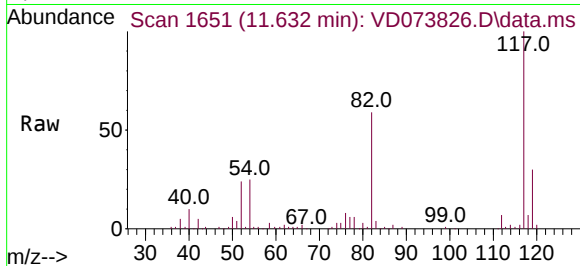




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.000 min
Lab File: VD073826.D
Acq: 11 Jul 2022 16:41

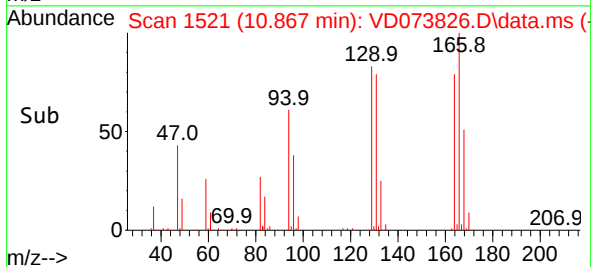
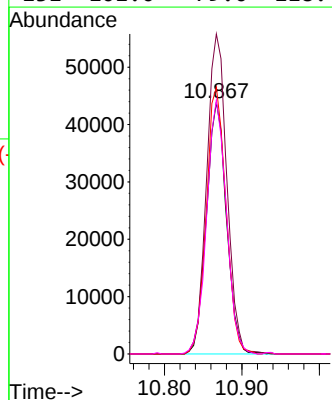
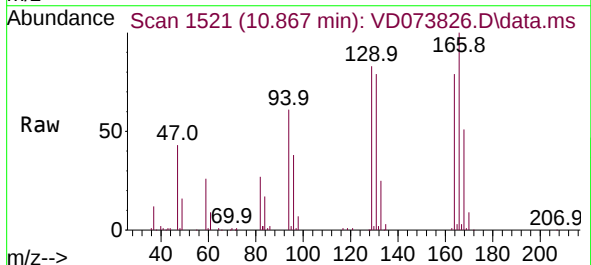
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

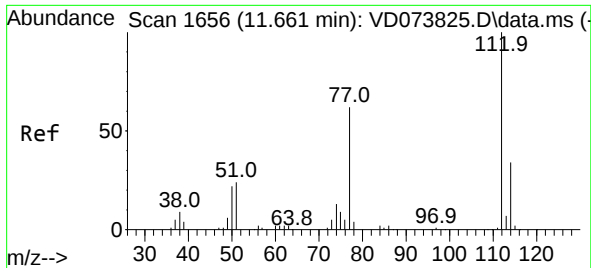
Tgt Ion:117 Resp: 214704
Ion Ratio Lower Upper
117 100
82 58.8 46.6 69.8
119 30.2 26.1 39.1



#64
Tetrachloroethene
Concen: 73.891 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. -0.000 min
Lab File: VD073826.D
Acq: 11 Jul 2022 16:41

Tgt Ion:164 Resp: 78630
Ion Ratio Lower Upper
164 100
166 127.3 105.0 157.6
129 106.1 83.8 125.8
131 101.0 79.0 118.4

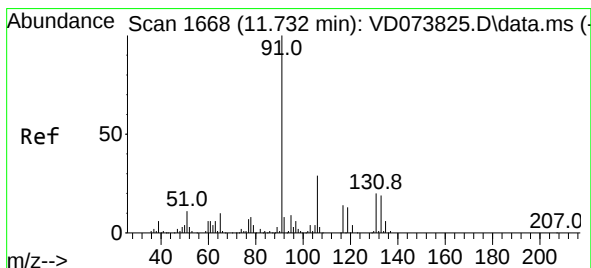
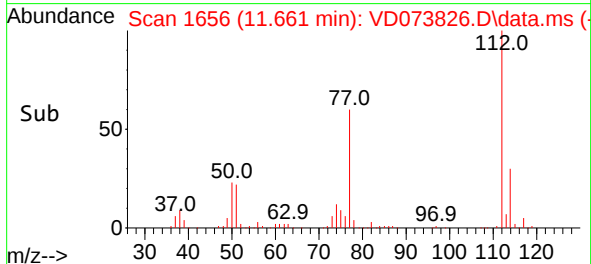
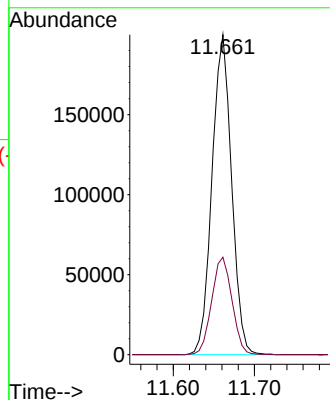
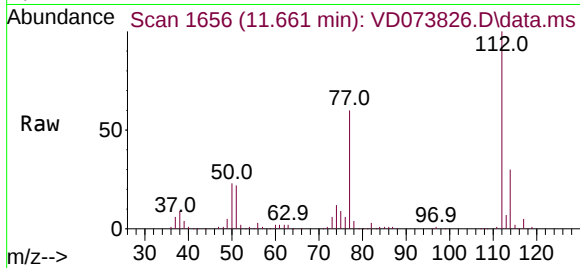




#65
Chlorobenzene
Concen: 82.983 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. -0.000 min
Lab File: VD073826.D
Acq: 11 Jul 2022 16:41

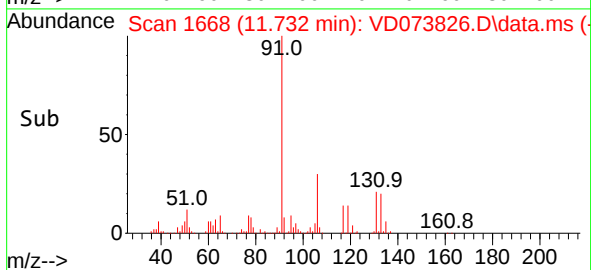
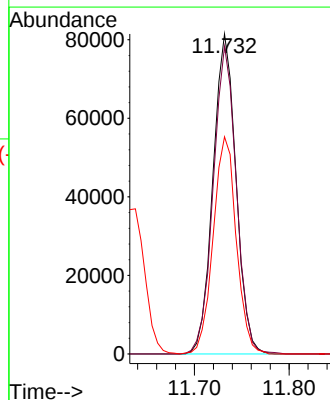
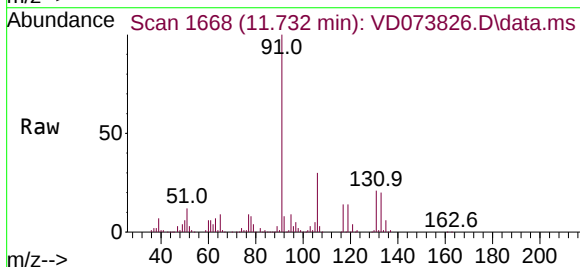
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

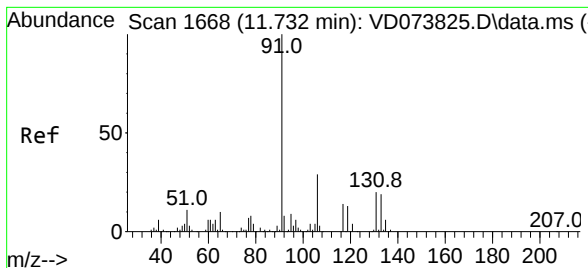
Tgt Ion:112 Resp: 334470
Ion Ratio Lower Upper
112 100
114 30.5 27.1 40.7



#66
1,1,1,2-Tetrachloroethane
Concen: 88.023 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VD073826.D
Acq: 11 Jul 2022 16:41

Tgt Ion:131 Resp: 137105
Ion Ratio Lower Upper
131 100
133 96.9 47.0 141.0
119 68.2 32.6 98.0

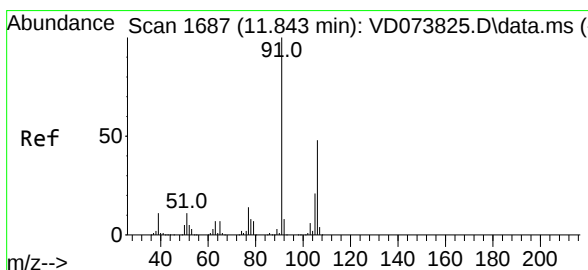
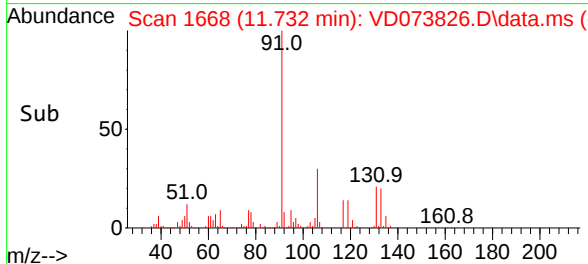
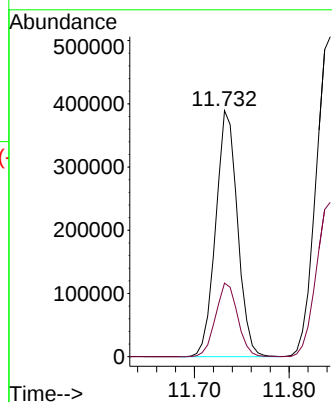
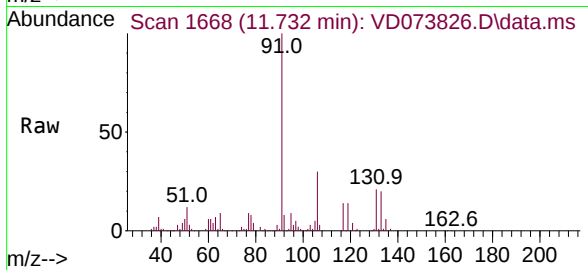




#67
Ethyl Benzene
Concen: 84.729 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VD073826.D
Acq: 11 Jul 2022 16:41

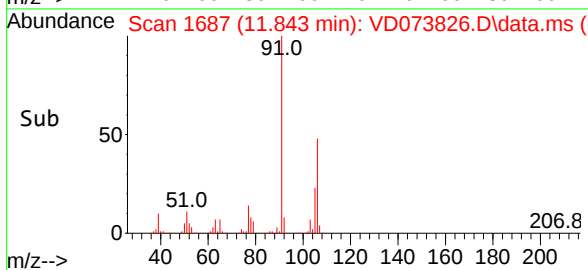
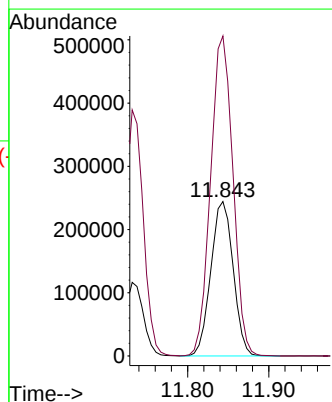
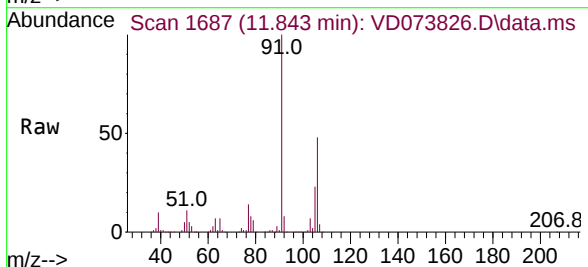
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

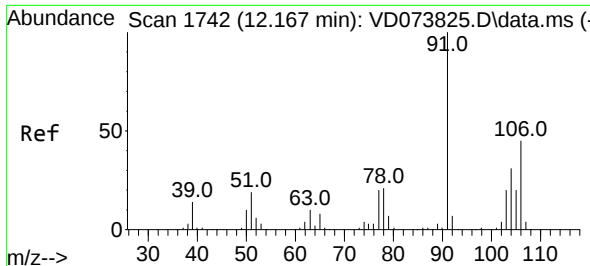
Tgt Ion: 91 Resp: 622372
Ion Ratio Lower Upper
91 100
106 29.9 23.2 34.8



#68
m/p-Xylenes
Concen: 168.652 ug/l
RT: 11.843 min Scan# 1687
Delta R.T. -0.000 min
Lab File: VD073826.D
Acq: 11 Jul 2022 16:41

Tgt Ion: 106 Resp: 467266
Ion Ratio Lower Upper
106 100
91 207.5 167.0 250.4

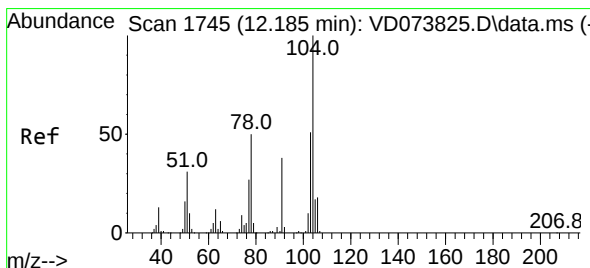
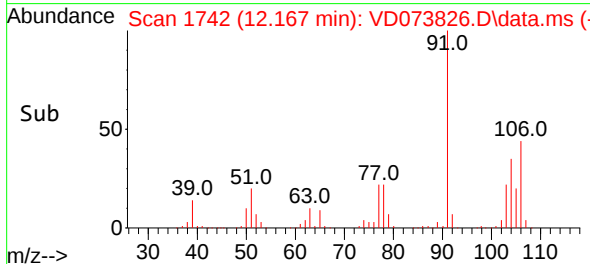
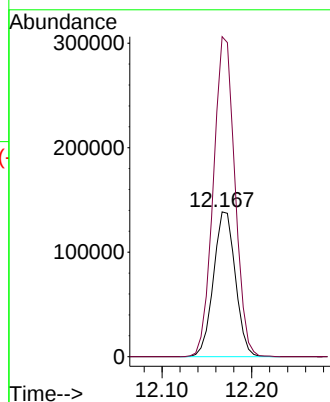
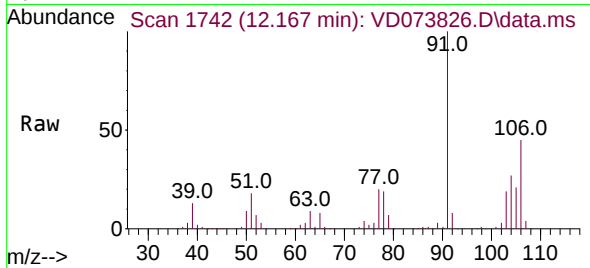




#69
o-Xylene
Concen: 88.069 ug/l
RT: 12.167 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD073826.D
Acq: 11 Jul 2022 16:41

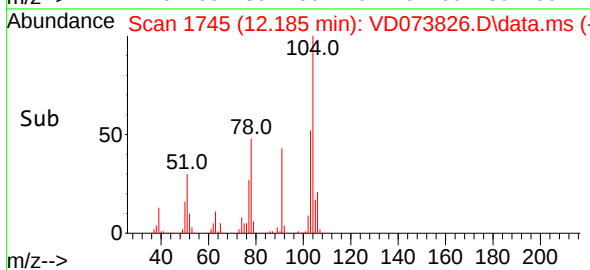
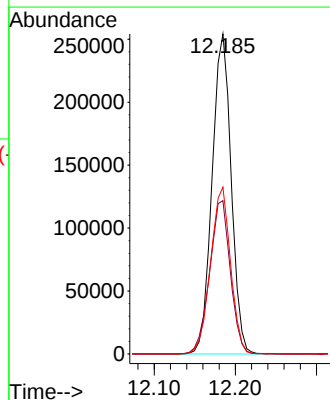
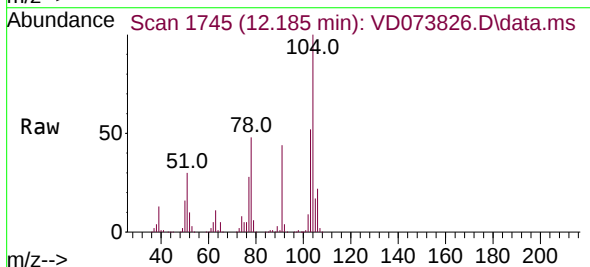
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

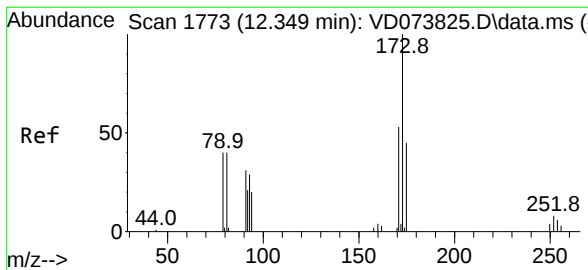
Tgt Ion:106 Resp: 235100
Ion Ratio Lower Upper
106 100
91 217.2 110.4 331.2



#70
Styrene
Concen: 88.697 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD073826.D
Acq: 11 Jul 2022 16:41

Tgt Ion:104 Resp: 414494
Ion Ratio Lower Upper
104 100
78 52.0 42.8 64.2
103 54.7 44.5 66.7

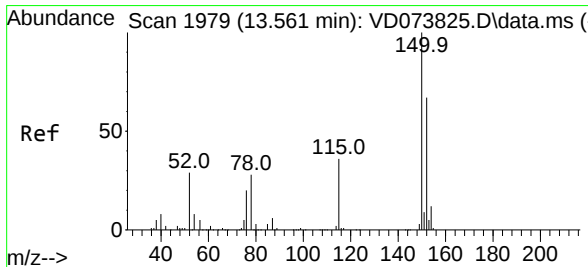
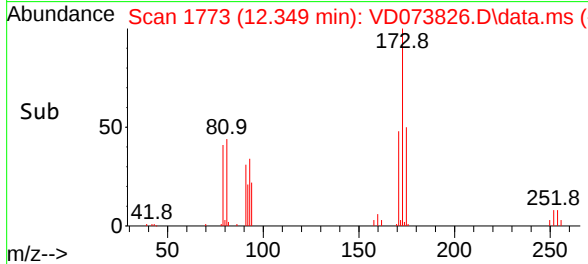
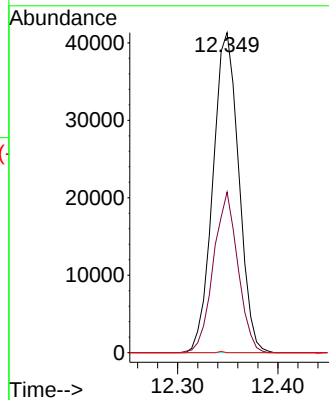
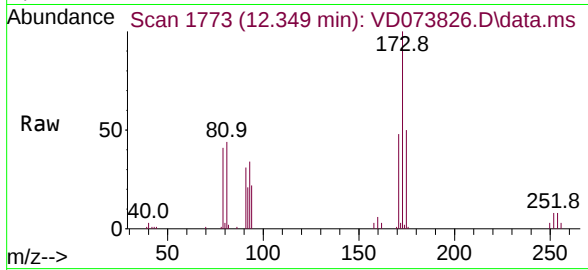




#71
Bromoform
Concen: 93.020 ug/l
RT: 12.349 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VD073826.D
Acq: 11 Jul 2022 16:41

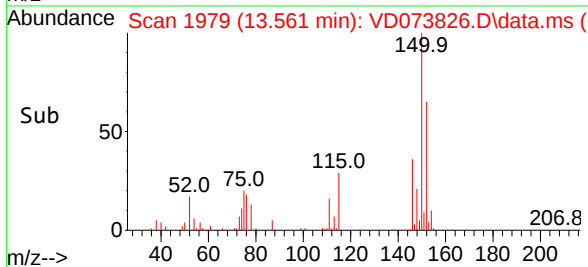
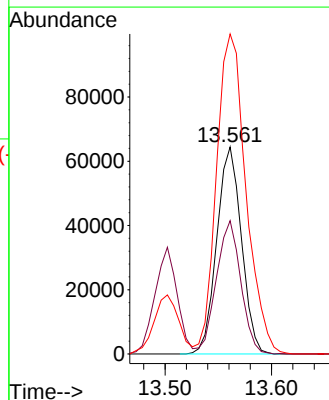
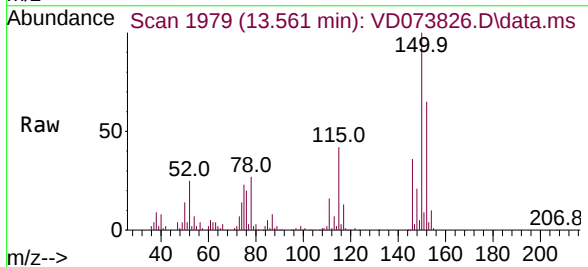
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

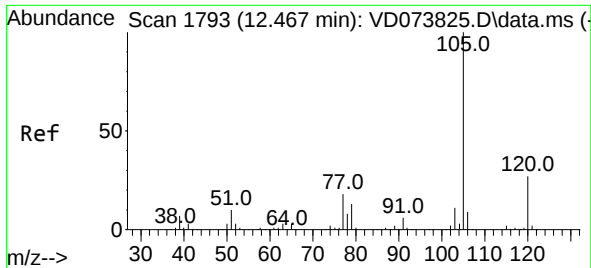
Tgt Ion:173 Resp: 73783
Ion Ratio Lower Upper
173 100
175 47.7 23.4 70.0
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD073826.D
Acq: 11 Jul 2022 16:41

Tgt Ion:152 Resp: 103298
Ion Ratio Lower Upper
152 100
115 64.2 33.5 100.5
150 185.3 0.0 343.2

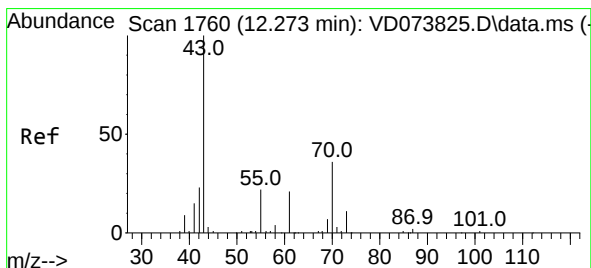
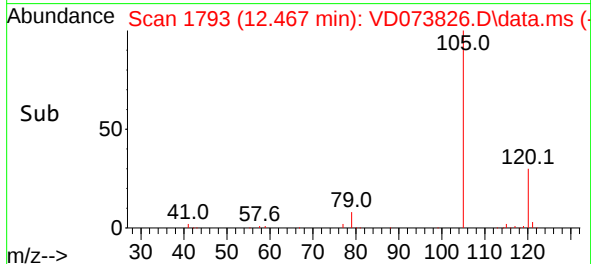
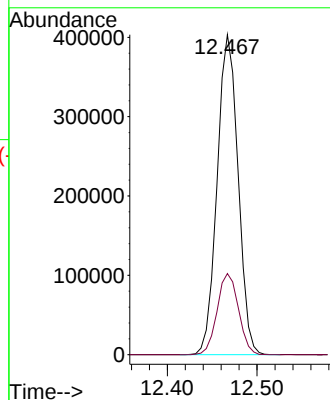
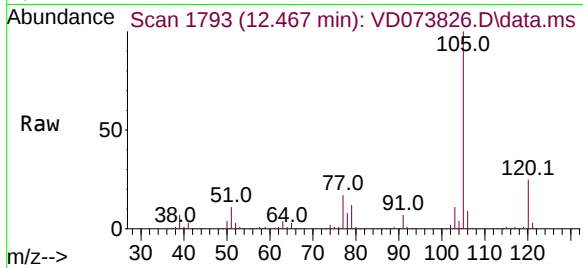




#73
Isopropylbenzene
Concen: 83.099 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD073826.D
Acq: 11 Jul 2022 16:41

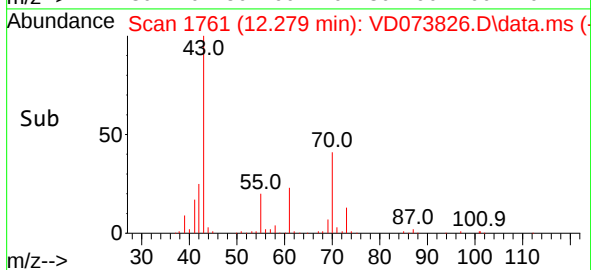
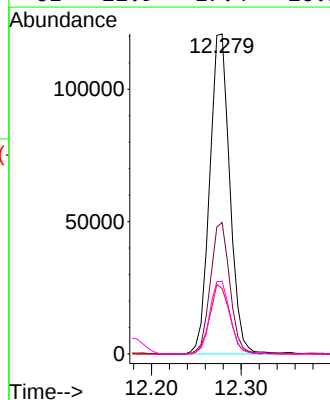
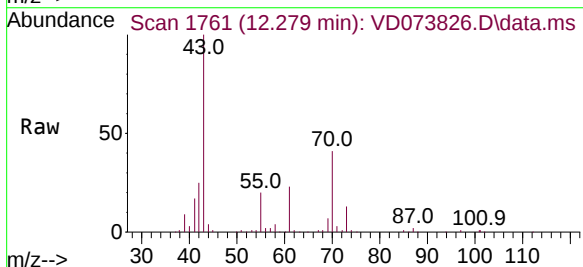
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

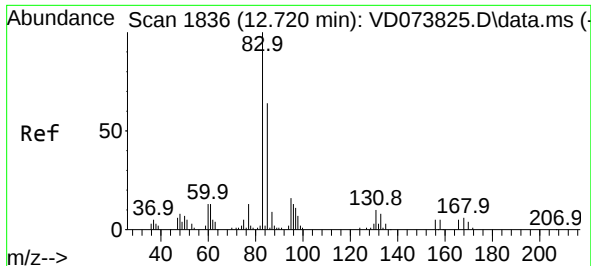
Tgt Ion:105 Resp: 652741
Ion Ratio Lower Upper
105 100
120 25.8 13.2 39.5



#74
N-ethyl acetate
Concen: 85.312 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. 0.006 min
Lab File: VD073826.D
Acq: 11 Jul 2022 16:41

Tgt Ion: 43 Resp: 188042
Ion Ratio Lower Upper
43 100
70 39.7 30.0 45.0
55 21.8 17.4 26.0
61 22.9 17.4 26.2

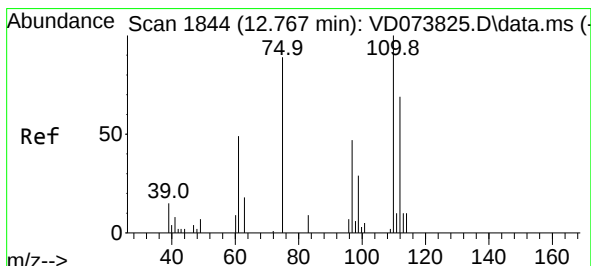
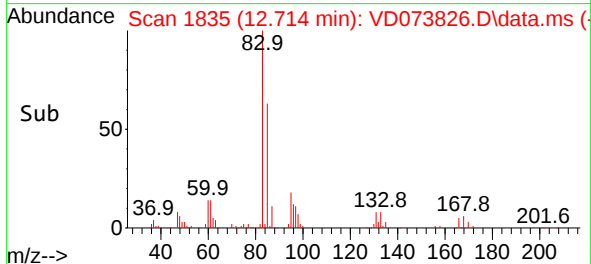
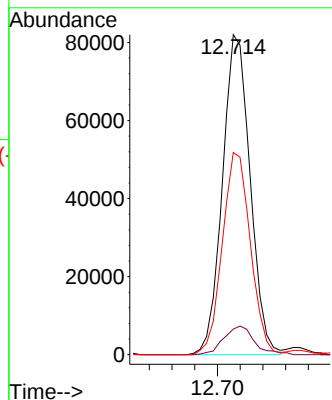
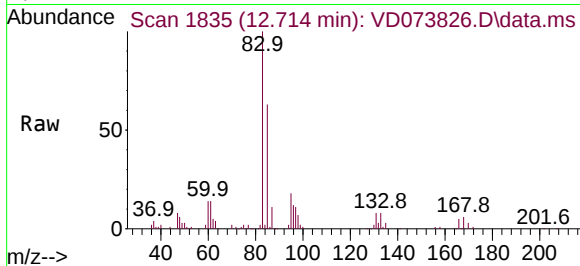




#75
1,1,2,2-Tetrachloroethane
Concen: 85.525 ug/l
RT: 12.714 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VD073826.D
Acq: 11 Jul 2022 16:41

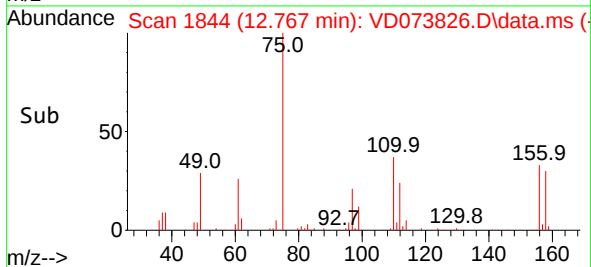
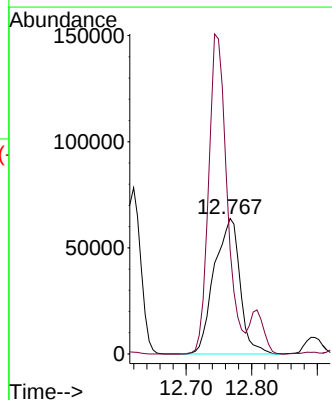
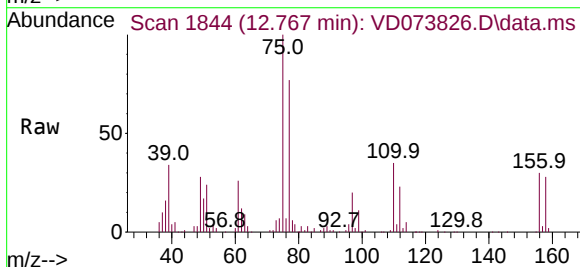
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

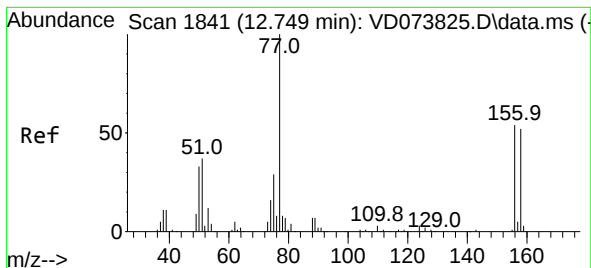
Tgt Ion: 83 Resp: 138907
Ion Ratio Lower Upper
83 100
131 9.8 5.1 15.2
85 63.9 32.5 97.4



#76
1,2,3-Trichloropropane
Concen: 149.875 ug/l
RT: 12.767 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VD073826.D
Acq: 11 Jul 2022 16:41

Tgt Ion: 75 Resp: 174014
Ion Ratio Lower Upper
75 100
77 0.0 138.0 414.0#





#77

Bromobenzene

Concen: 81.036 ug/l

RT: 12.749 min Scan# 1841

Delta R.T. -0.000 min

Lab File: VD073826.D

Acq: 11 Jul 2022 16:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

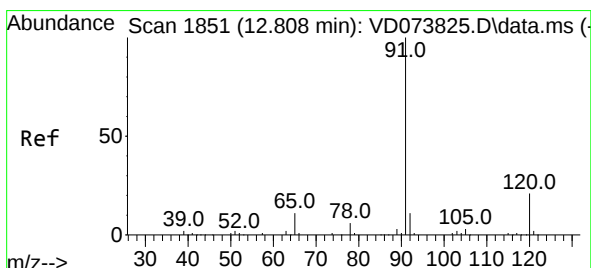
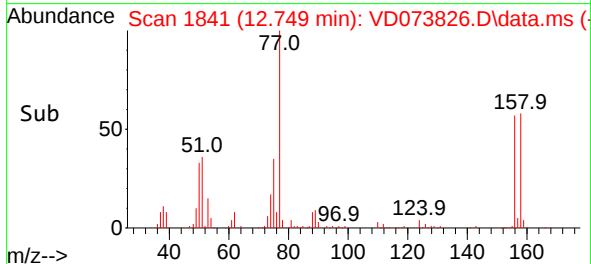
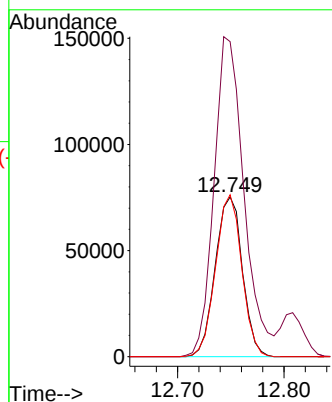
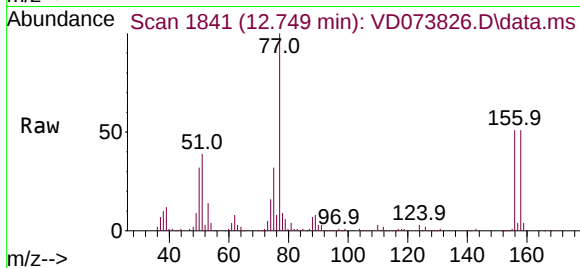
Tgt Ion:156 Resp: 132974

Ion Ratio Lower Upper

156 100

77 221.1 110.1 330.3

158 97.8 48.3 144.9



#78

n-propylbenzene

Concen: 81.531 ug/l

RT: 12.808 min Scan# 1851

Delta R.T. -0.000 min

Lab File: VD073826.D

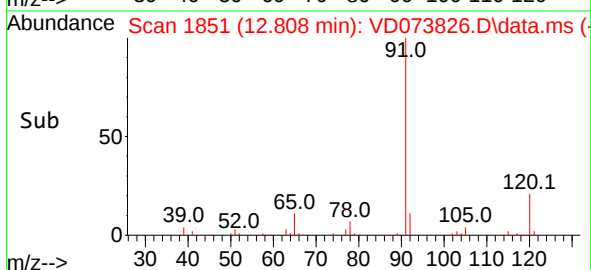
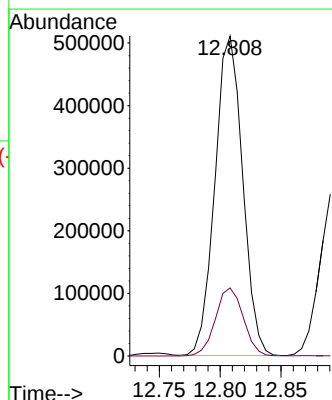
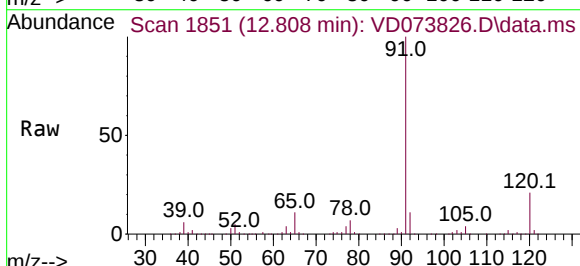
Acq: 11 Jul 2022 16:41

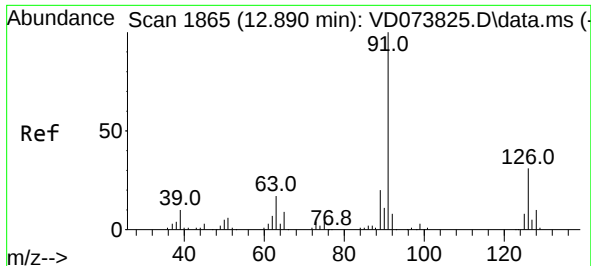
Tgt Ion: 91 Resp: 807621

Ion Ratio Lower Upper

91 100

120 21.4 10.5 31.6





#79

2-Chlorotoluene

Concen: 81.804 ug/l

RT: 12.896 min Scan# 1866

Delta R.T. 0.006 min

Lab File: VD073826.D

Acq: 11 Jul 2022 16:41

Instrument :

MSVOA_D

ClientSampleId :

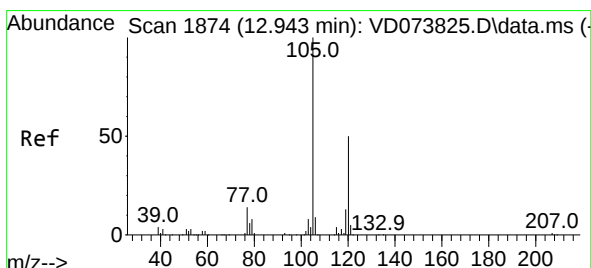
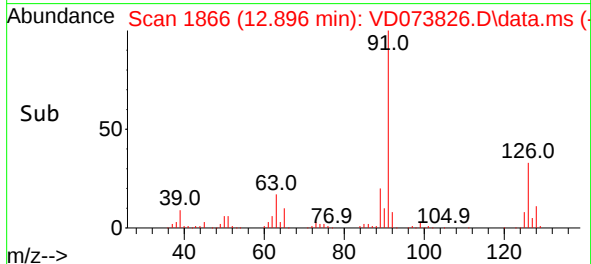
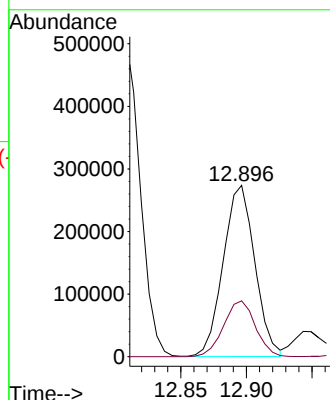
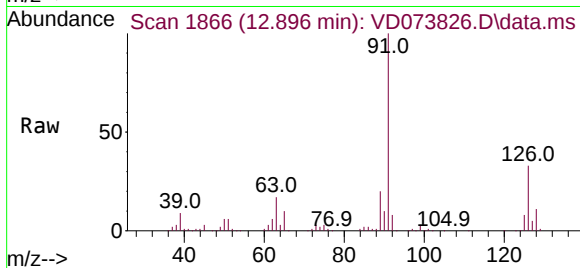
VSTDIC100

Tgt Ion: 91 Resp: 457837

Ion Ratio Lower Upper

91 100

126 32.9 15.9 47.7



#80

1,3,5-Trimethylbenzene

Concen: 82.918 ug/l

RT: 12.949 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VD073826.D

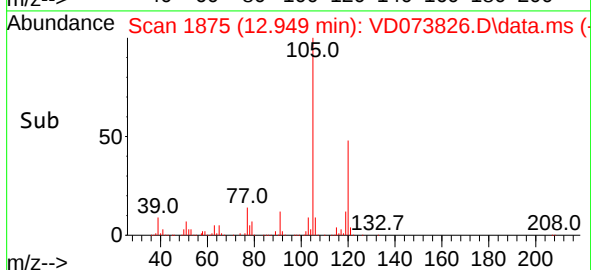
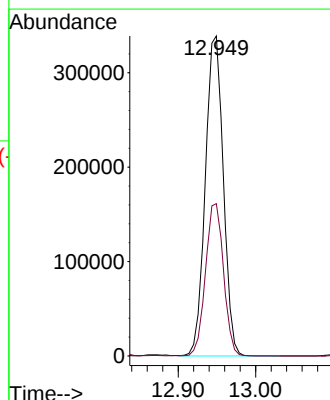
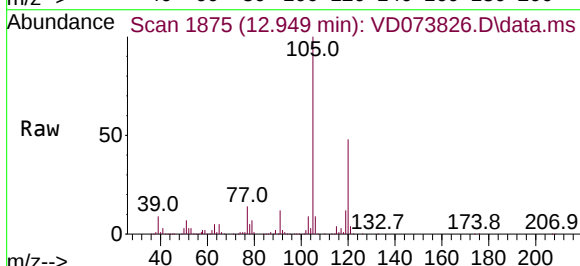
Acq: 11 Jul 2022 16:41

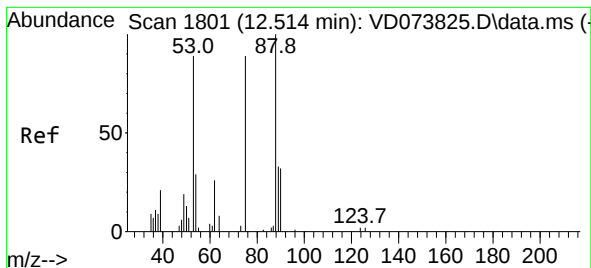
Tgt Ion:105 Resp: 546161

Ion Ratio Lower Upper

105 100

120 47.7 24.1 72.4

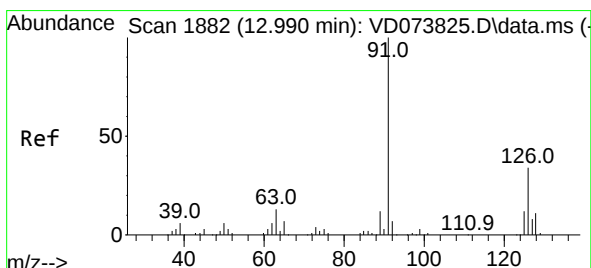
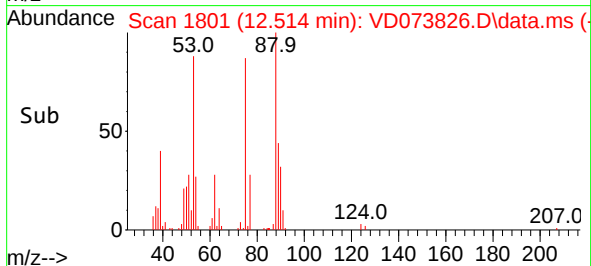
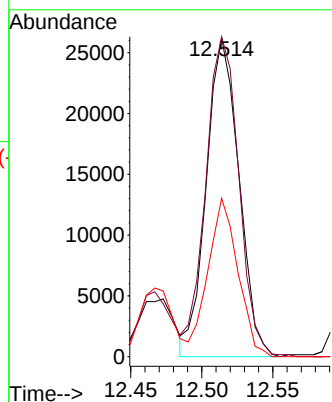
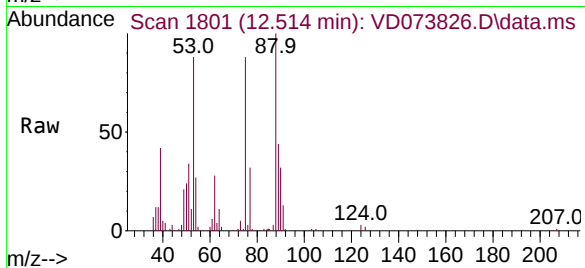




#81
trans-1,4-Dichloro-2-butene
Concen: 84.533 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. -0.000 min
Lab File: VD073826.D
Acq: 11 Jul 2022 16:41

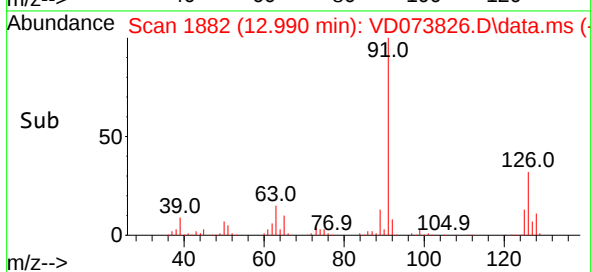
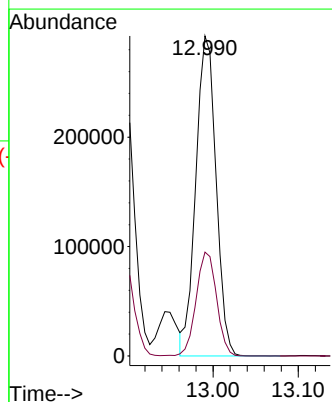
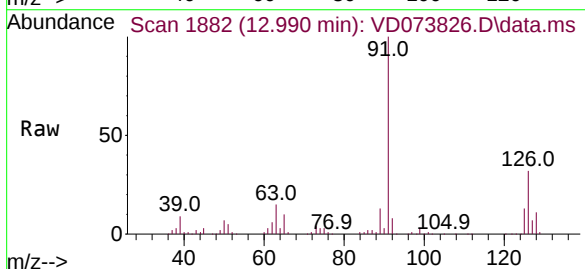
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

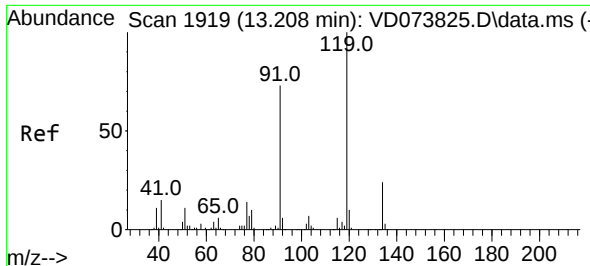
Tgt Ion:	75	Resp:	41750
Ion	Ratio	Lower	Upper
75	100		
53	102.5	79.3	118.9
89	45.5	34.8	52.2



#82
4-Chlorotoluene
Concen: 81.883 ug/l
RT: 12.990 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VD073826.D
Acq: 11 Jul 2022 16:41

Tgt Ion:	91	Resp:	481428
Ion	Ratio	Lower	Upper
91	100		
126	32.8	16.2	48.5

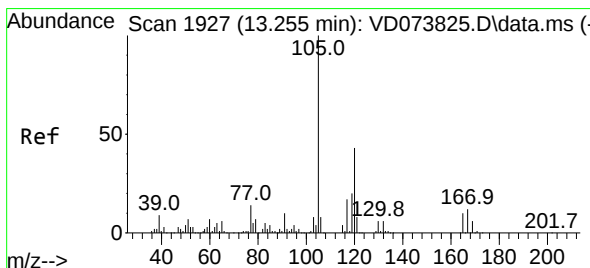
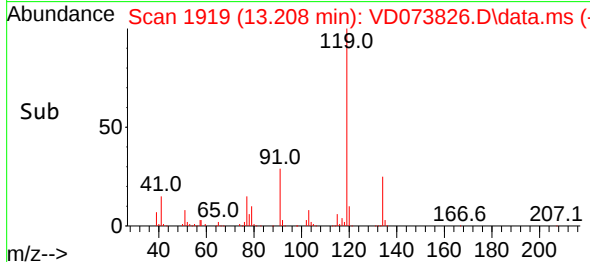
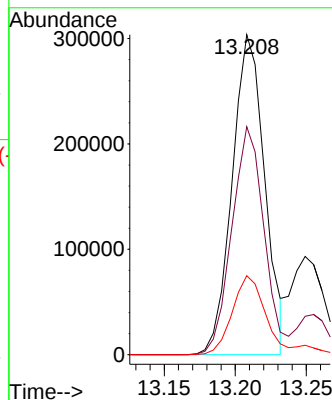
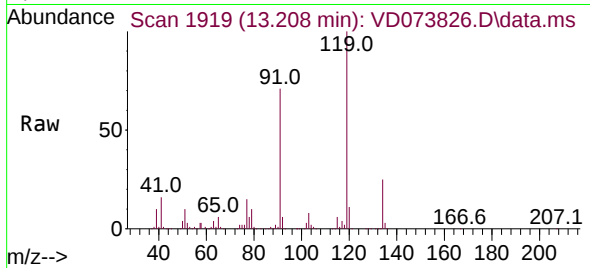




#83
tert-Butylbenzene
Concen: 83.187 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. -0.000 min
Lab File: VD073826.D
Acq: 11 Jul 2022 16:41

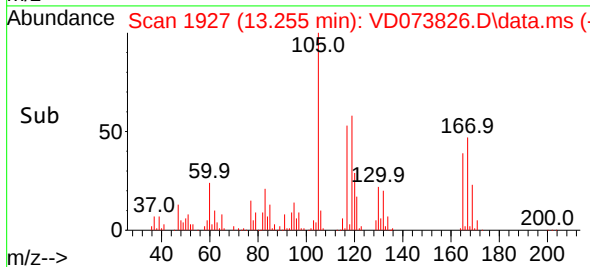
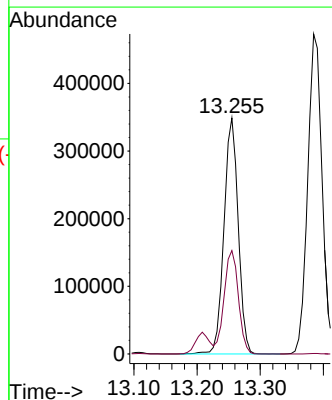
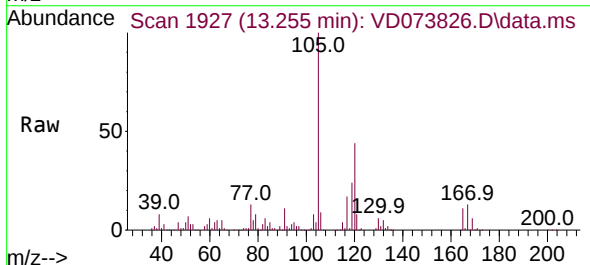
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

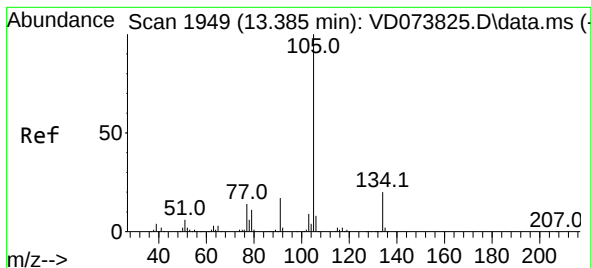
Tgt Ion:119 Resp: 484016
Ion Ratio Lower Upper
119 100
91 70.8 36.0 108.0
134 26.9 13.1 39.1



#84
1,2,4-Trimethylbenzene
Concen: 83.673 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.000 min
Lab File: VD073826.D
Acq: 11 Jul 2022 16:41

Tgt Ion:105 Resp: 545898
Ion Ratio Lower Upper
105 100
120 44.1 21.9 65.5

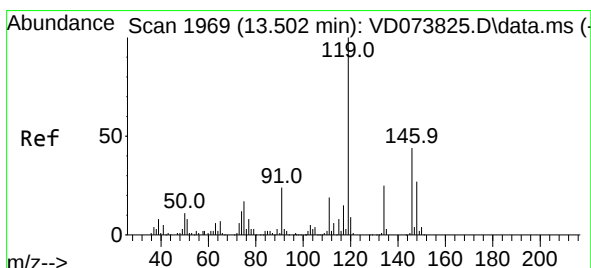
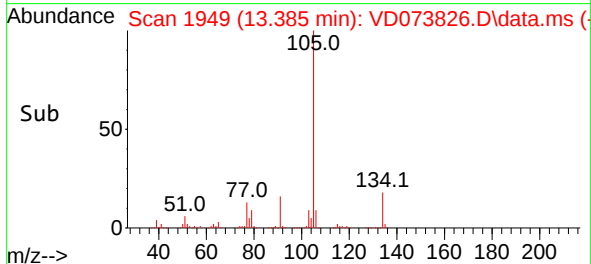
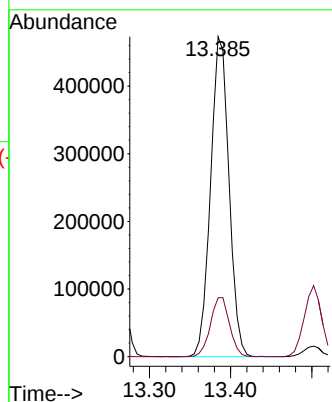
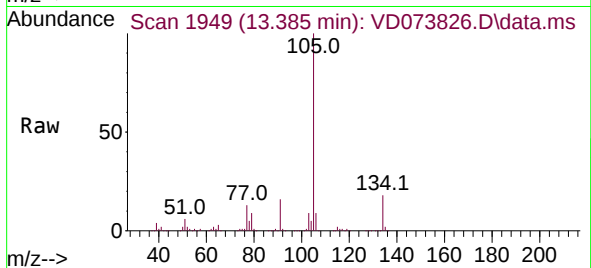




#85
 sec-Butylbenzene
 Concen: 82.984 ug/l
 RT: 13.385 min Scan# 1949
 Delta R.T. -0.000 min
 Lab File: VD073826.D
 Acq: 11 Jul 2022 16:41

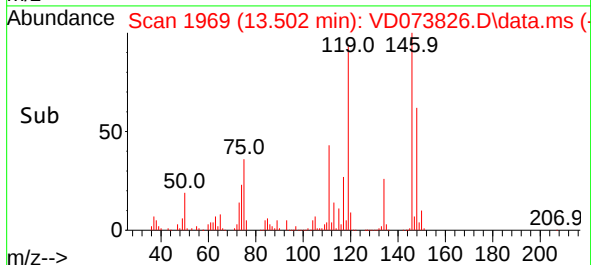
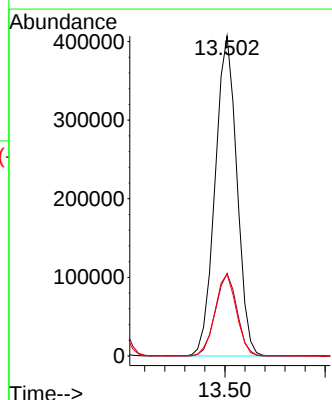
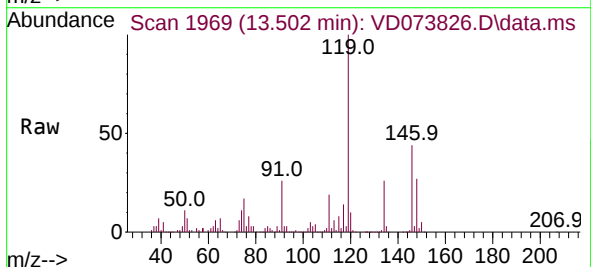
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

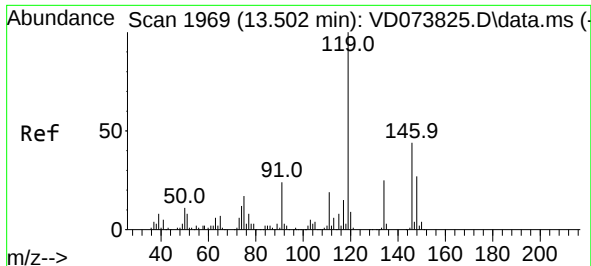
Tgt Ion:105 Resp: 743539
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 85.726 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. -0.000 min
 Lab File: VD073826.D
 Acq: 11 Jul 2022 16:41

Tgt Ion:119 Resp: 613509
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.6 37.8
 91 25.2 13.0 38.9





#87

1,3-Dichlorobenzene

Concen: 84.516 ug/l

RT: 13.502 min Scan# 1969

Delta R.T. -0.000 min

Lab File: VD073826.D

Acq: 11 Jul 2022 16:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

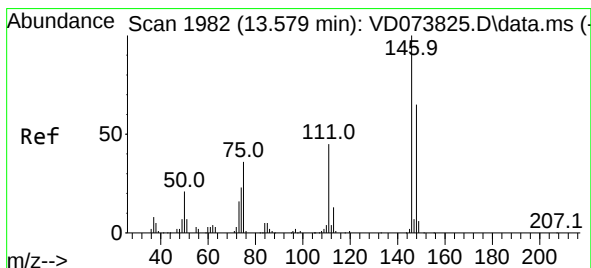
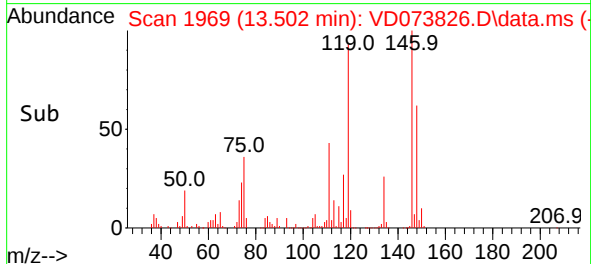
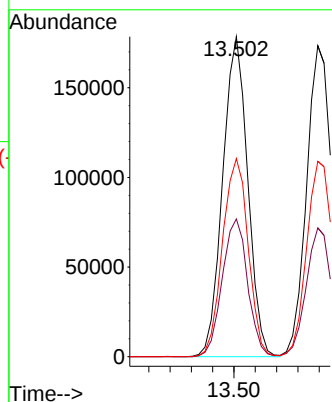
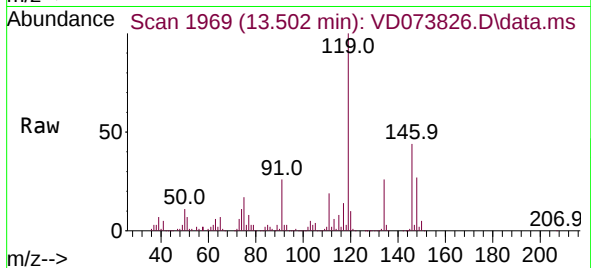
Tgt Ion:146 Resp: 290989

Ion Ratio Lower Upper

146 100

111 43.6 21.8 65.4

148 63.5 31.6 94.8



#88

1,4-Dichlorobenzene

Concen: 82.585 ug/l

RT: 13.579 min Scan# 1982

Delta R.T. -0.000 min

Lab File: VD073826.D

Acq: 11 Jul 2022 16:41

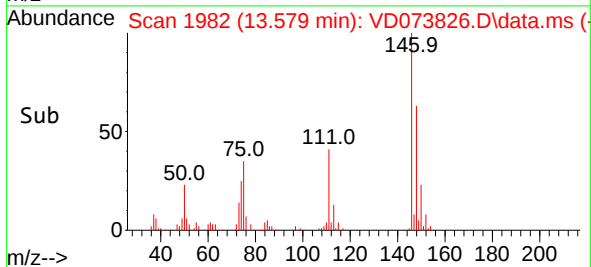
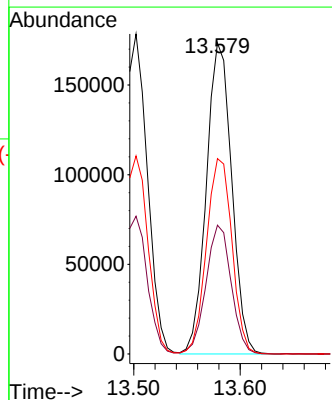
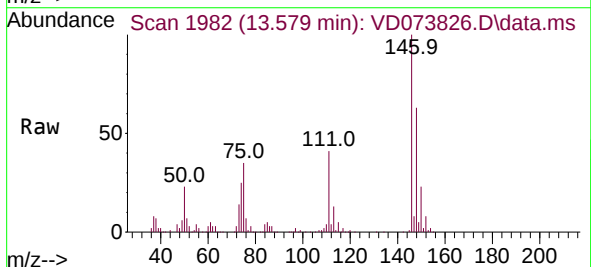
Tgt Ion:146 Resp: 286953

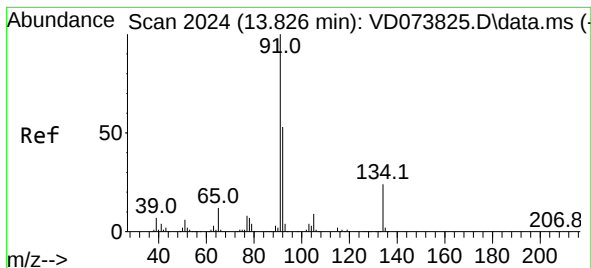
Ion Ratio Lower Upper

146 100

111 41.3 21.9 65.7

148 63.2 32.4 97.0





#89

n-Butylbenzene

Concen: 83.284 ug/l

RT: 13.826 min Scan# 2024

Delta R.T. -0.000 min

Lab File: VD073826.D

Acq: 11 Jul 2022 16:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

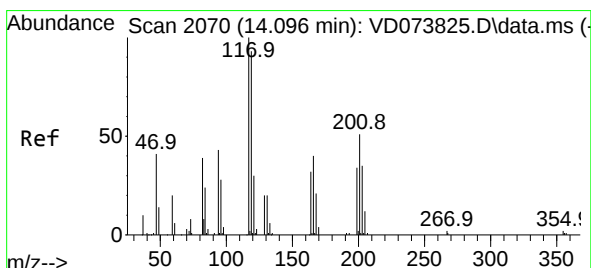
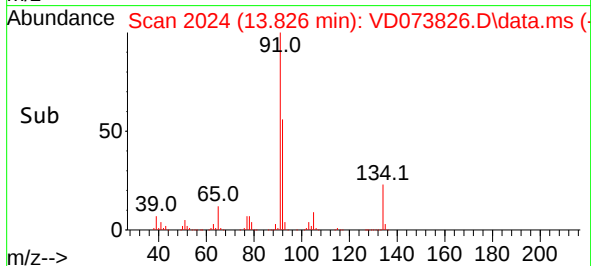
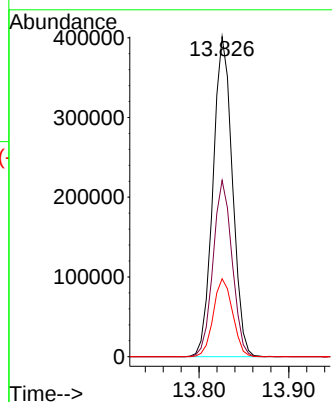
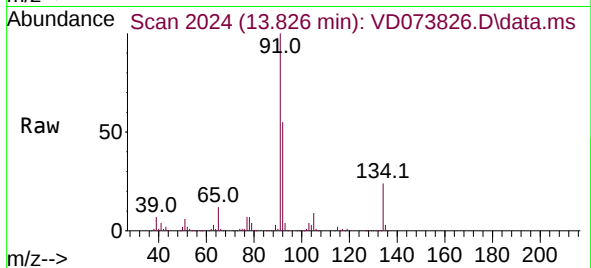
Tgt Ion: 91 Resp: 602732

Ion Ratio Lower Upper

91 100

92 54.1 26.7 80.1

134 24.2 11.6 34.7



#90

Hexachloroethane

Concen: 82.326 ug/l

RT: 14.096 min Scan# 2070

Delta R.T. -0.000 min

Lab File: VD073826.D

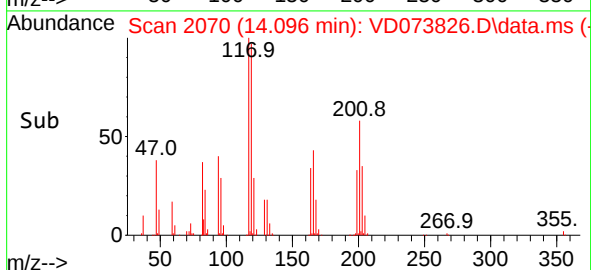
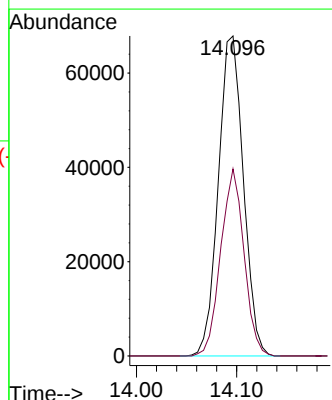
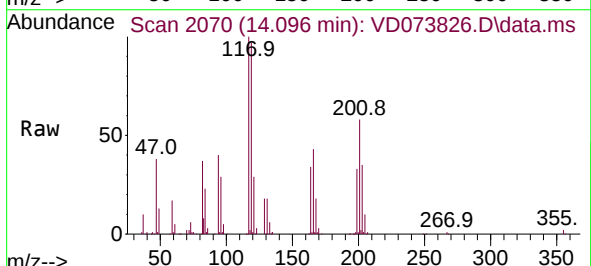
Acq: 11 Jul 2022 16:41

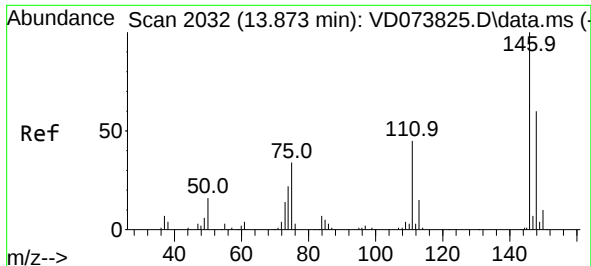
Tgt Ion: 117 Resp: 117559

Ion Ratio Lower Upper

117 100

201 54.4 26.7 80.0

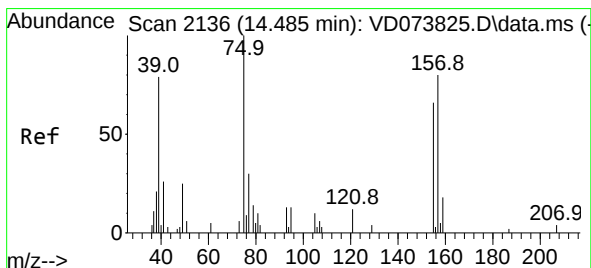
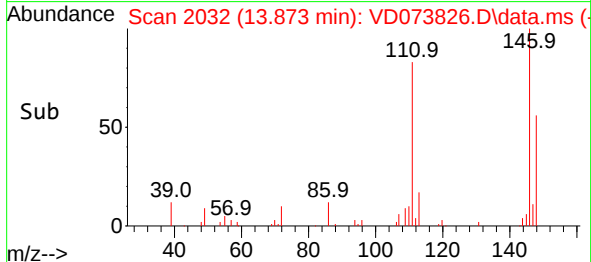
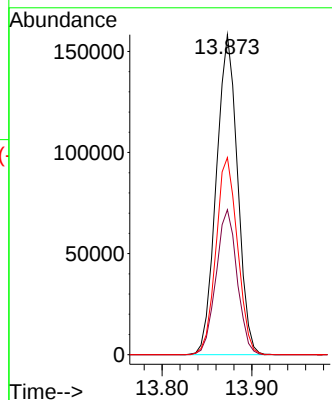
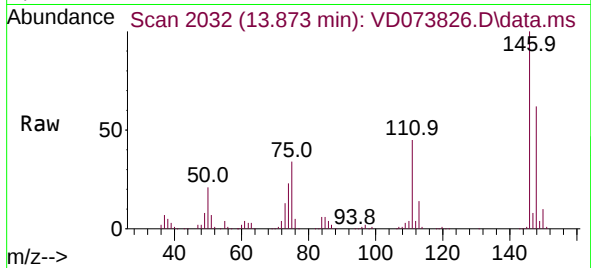




#91
1,2-Dichlorobenzene
Concen: 85.505 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD073826.D
Acq: 11 Jul 2022 16:41

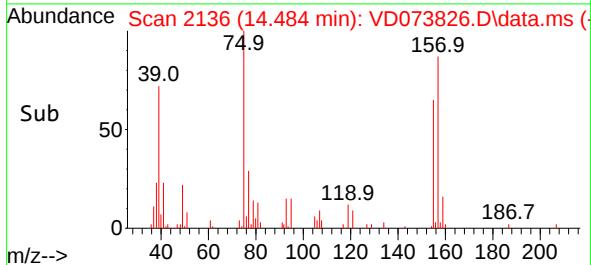
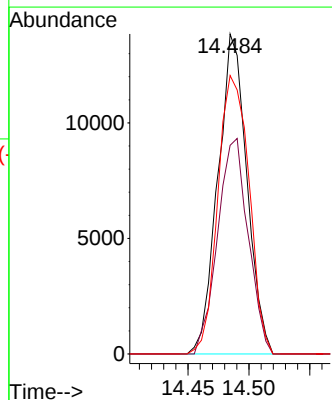
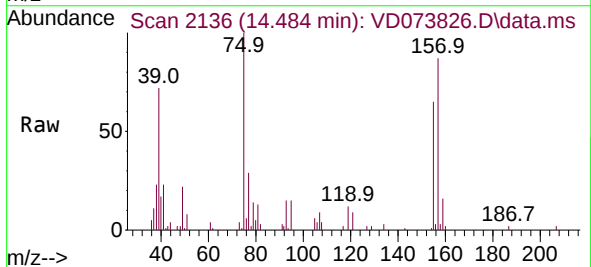
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

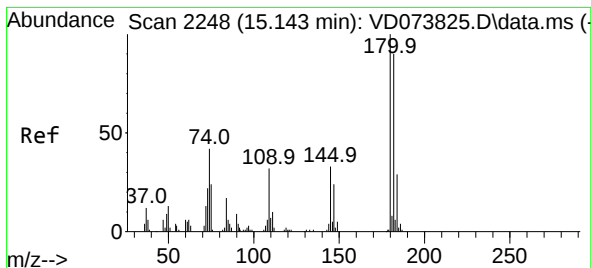
Tgt Ion:146 Resp: 259992
Ion Ratio Lower Upper
146 100
111 45.0 22.8 68.4
148 62.3 30.6 91.6



#92
1,2-Dibromo-3-Chloropropane
Concen: 85.493 ug/l
RT: 14.484 min Scan# 2136
Delta R.T. -0.000 min
Lab File: VD073826.D
Acq: 11 Jul 2022 16:41

Tgt Ion: 75 Resp: 22927
Ion Ratio Lower Upper
75 100
155 71.0 35.7 107.1
157 93.6 46.7 140.1





#93

1,2,4-Trichlorobenzene

Concen: 82.927 ug/l

RT: 15.143 min Scan# 2248

Delta R.T. -0.000 min

Lab File: VD073826.D

Acq: 11 Jul 2022 16:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

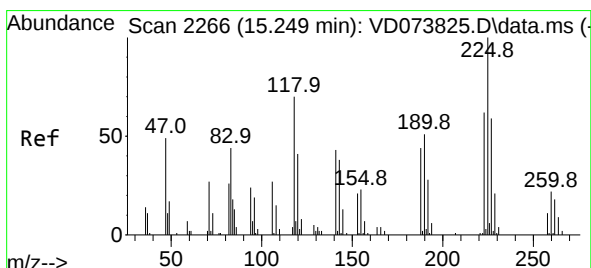
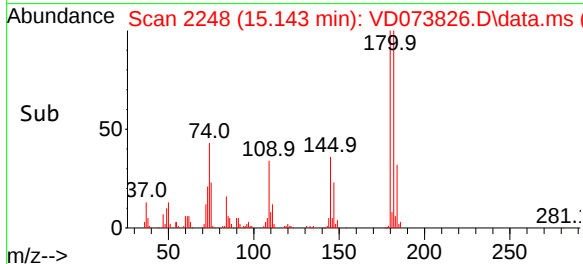
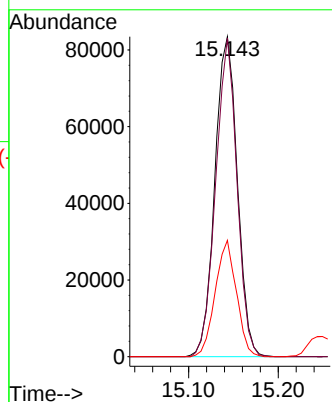
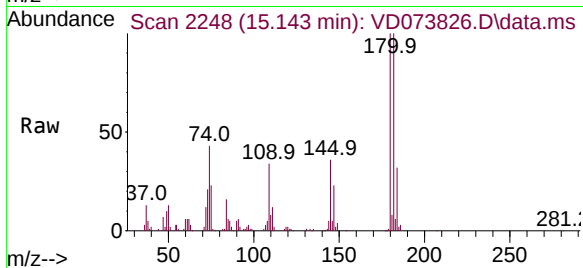
Tgt Ion:180 Resp: 144979

Ion Ratio Lower Upper

180 100

182 94.4 46.9 140.8

145 34.4 17.0 51.0



#94

Hexachlorobutadiene

Concen: 79.415 ug/l

RT: 15.249 min Scan# 2266

Delta R.T. -0.000 min

Lab File: VD073826.D

Acq: 11 Jul 2022 16:41

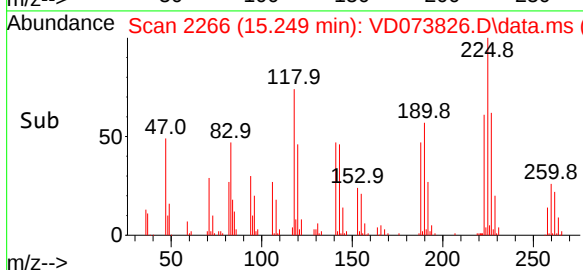
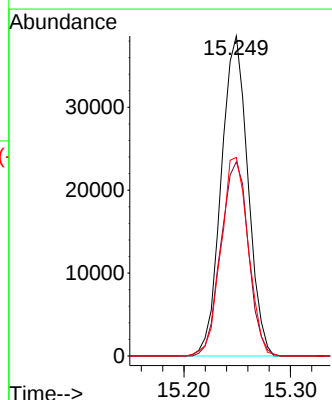
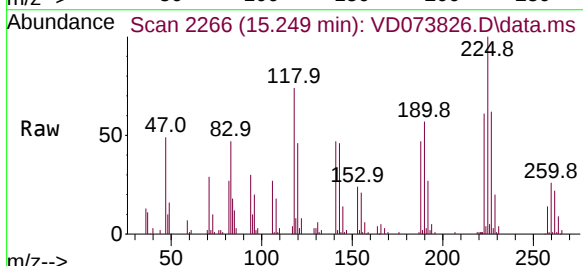
Tgt Ion:225 Resp: 67007

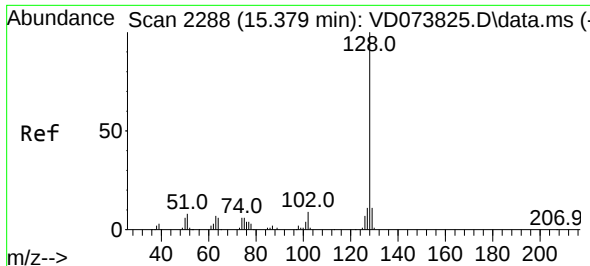
Ion Ratio Lower Upper

225 100

223 62.8 31.8 95.3

227 63.5 31.4 94.2

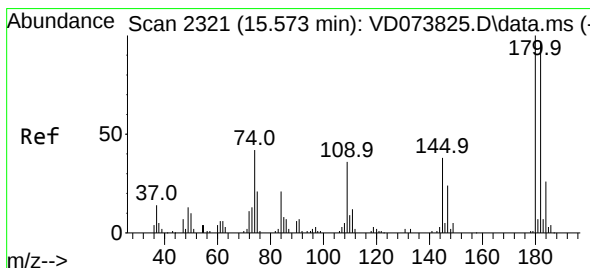
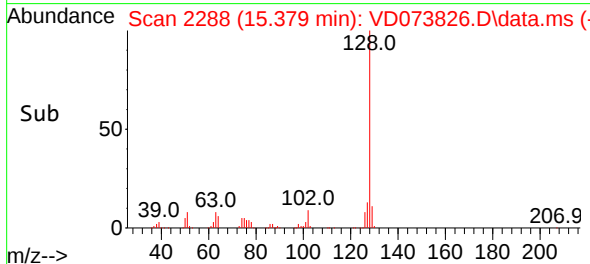
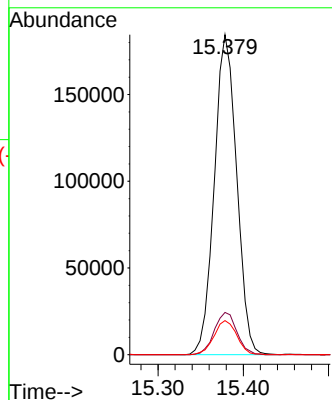
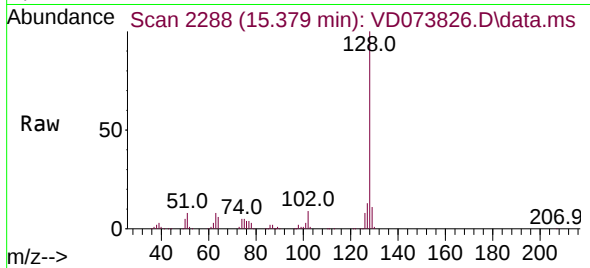




#95
Naphthalene
Concen: 86.236 ug/l
RT: 15.379 min Scan# 2288
Delta R.T. -0.000 min
Lab File: VD073826.D
Acq: 11 Jul 2022 16:41

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tgt Ion:128 Resp: 336223
Ion Ratio Lower Upper
128 100
127 13.3 10.3 15.5
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 82.473 ug/l
RT: 15.573 min Scan# 2321
Delta R.T. -0.000 min
Lab File: VD073826.D
Acq: 11 Jul 2022 16:41

Tgt Ion:180 Resp: 126701
Ion Ratio Lower Upper
180 100
182 95.8 47.4 142.3
145 38.6 18.9 56.9

