

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071122\
 Data File : VD073827.D
 Acq On : 11 Jul 2022 17:11
 Operator : VA/SY
 Sample : VSTDICC150
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC150

Quant Time: Jul 12 06:40:49 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	7.973	168	116250	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	221808	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	212726	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	99684	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	202838	139.430	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 278.860%#	
35) Dibromofluoromethane	7.903	113	206310	147.716	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 295.440%#	
50) Toluene-d8	10.332	98	675502	143.899	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 287.800%#	
62) 4-Bromofluorobenzene	12.620	95	338749	171.216	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 342.440%#	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.985	85	77733	99.633	ug/l	98
3) Chloromethane	2.209	50	94711	93.947	ug/l	99
4) Vinyl Chloride	2.344	62	124997	101.398	ug/l	98
5) Bromomethane	2.726	94	92865	96.100	ug/l	94
6) Chloroethane	2.891	64	103915	110.586	ug/l	94
7) Trichlorofluoromethane	3.250	101	204340	107.256	ug/l	98
8) Diethyl Ether	3.703	74	69443	120.114	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.079	101	131443	110.964	ug/l	99
10) Methyl Iodide	4.285	142	97883	127.604	ug/l	99
11) Tert butyl alcohol	5.232	59	99619	206.754	ug/l	# 100
12) 1,1-Dichloroethene	4.050	96	98069	105.698	ug/l	92
13) Acrolein	3.909	56	36785	522.451	ug/l	96
14) Allyl chloride	4.697	41	204183	116.364	ug/l	99
15) Acrylonitrile	5.414	53	215709	652.165	ug/l	99
16) Acetone	4.156	43	169070	549.288	ug/l	95
17) Carbon Disulfide	4.397	76	129830	86.540	ug/l	95
18) Methyl Acetate	4.714	43	93852	95.103	ug/l	96
19) Methyl tert-butyl Ether	5.473	73	435128	125.866	ug/l	99
20) Methylene Chloride	4.950	84	155099	58.850	ug/l	98
21) trans-1,2-Dichloroethene	5.461	96	116148	104.553	ug/l	# 82
22) Diisopropyl ether	6.361	45	595960	130.378	ug/l	99
23) Vinyl Acetate	6.297	43	1664615	689.719	ug/l	99
24) 1,1-Dichloroethane	6.256	63	304784	119.778	ug/l	99
25) 2-Butanone	7.203	43	280297	609.894	ug/l	99
26) 2,2-Dichloropropane	7.197	77	287706	119.586	ug/l	99
27) cis-1,2-Dichloroethene	7.203	96	182680	117.676	ug/l	95
28) Bromochloromethane	7.538	49	123940	124.868	ug/l	94
29) Tetrahydrofuran	7.555	42	173730	643.767	ug/l	99
30) Chloroform	7.703	83	353535	124.629	ug/l	99
31) Cyclohexane	7.973	56	168822	93.182	ug/l	98
32) 1,1,1-Trichloroethane	7.897	97	291540	121.328	ug/l	100
36) 1,1-Dichloropropene	8.103	75	191431	111.916	ug/l	98
37) Ethyl Acetate	7.285	43	123436	122.742	ug/l	98
38) Carbon Tetrachloride	8.091	117	229784	118.180	ug/l	# 81
39) Methylcyclohexane	9.350	83	192136	109.268	ug/l	95
40) Benzene	8.344	78	601497	119.529	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	78409	133.779	ug/l #	84
42) 1,2-Dichloroethane	8.414	62	212421	122.597	ug/l	97
43) Isopropyl Acetate	8.444	43	262554	128.977	ug/l	99
44) Trichloroethene	9.102	130	154602	115.502	ug/l	97
45) 1,2-Dichloropropane	9.379	63	181113	125.351	ug/l	93
46) Dibromomethane	9.467	93	100556	121.541	ug/l	94
47) Bromodichloromethane	9.649	83	291274	129.245	ug/l	98
48) Methyl methacrylate	9.450	41	119709	128.899	ug/l	98
49) 1,4-Dioxane	9.455	88	27056	2635.951	ug/l	97
51) 4-Methyl-2-Pentanone	10.220	43	709009	667.256	ug/l	99
52) Toluene	10.397	92	418503	125.374	ug/l	99
53) t-1,3-Dichloropropene	10.608	75	265831	128.231	ug/l	97
54) cis-1,3-Dichloropropene	10.079	75	290216	126.235	ug/l	99
55) 1,1,2-Trichloroethane	10.791	97	154471	133.415	ug/l	97
56) Ethyl methacrylate	10.649	69	201623	136.425	ug/l	97
57) 1,3-Dichloropropane	10.938	76	260995	130.571	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	373155	641.972	ug/l	99
59) 2-Hexanone	10.973	43	482977	676.948	ug/l	97
60) Dibromochloromethane	11.132	129	194873	135.816	ug/l	99
61) 1,2-Dibromoethane	11.238	107	139524	130.373	ug/l	98
64) Tetrachloroethene	10.867	164	112715	106.906	ug/l	96
65) Chlorobenzene	11.661	112	492956	123.441	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.732	131	203840	132.085	ug/l	99
67) Ethyl Benzene	11.732	91	917440	126.061	ug/l	98
68) m/p-Xylenes	11.844	106	696033	253.558	ug/l	98
69) o-Xylene	12.167	106	347079	131.225	ug/l	97
70) Styrene	12.185	104	617437	133.353	ug/l	98
71) Bromoform	12.349	173	109643	139.514	ug/l #	97
73) Isopropylbenzene	12.467	105	962290	126.949	ug/l	99
74) N-amyl acetate	12.279	43	269511	126.707	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.714	83	197887	126.256	ug/l	100
76) 1,2,3-Trichloropropane	12.767	75	256837	229.228	ug/l	42
77) Bromobenzene	12.749	156	196956	124.379	ug/l	99
78) n-propylbenzene	12.808	91	1182042	123.656	ug/l	98
79) 2-Chlorotoluene	12.896	91	678848	125.691	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	812009	127.749	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	60763	127.489	ug/l	97
82) 4-Chlorotoluene	12.991	91	717136	126.395	ug/l	100
83) tert-Butylbenzene	13.208	119	707853	126.068	ug/l	99
84) 1,2,4-Trimethylbenzene	13.255	105	818821	130.056	ug/l	100
85) sec-Butylbenzene	13.385	105	1100099	127.229	ug/l	99
86) p-Isopropyltoluene	13.502	119	905267	131.080	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	434356	130.729	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	426087	127.074	ug/l	97
89) n-Butylbenzene	13.826	91	876339	125.480	ug/l	98
90) Hexachloroethane	14.096	117	172370	125.086	ug/l	97
91) 1,2-Dichlorobenzene	13.873	146	383423	130.670	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.485	75	32285	124.754	ug/l	94
93) 1,2,4-Trichlorobenzene	15.143	180	208364	123.504	ug/l	99
94) Hexachlorobutadiene	15.249	225	95744	117.587	ug/l	100
95) Naphthalene	15.379	128	485731	129.099	ug/l	100
96) 1,2,3-Trichlorobenzene	15.573	180	185316	125.000	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

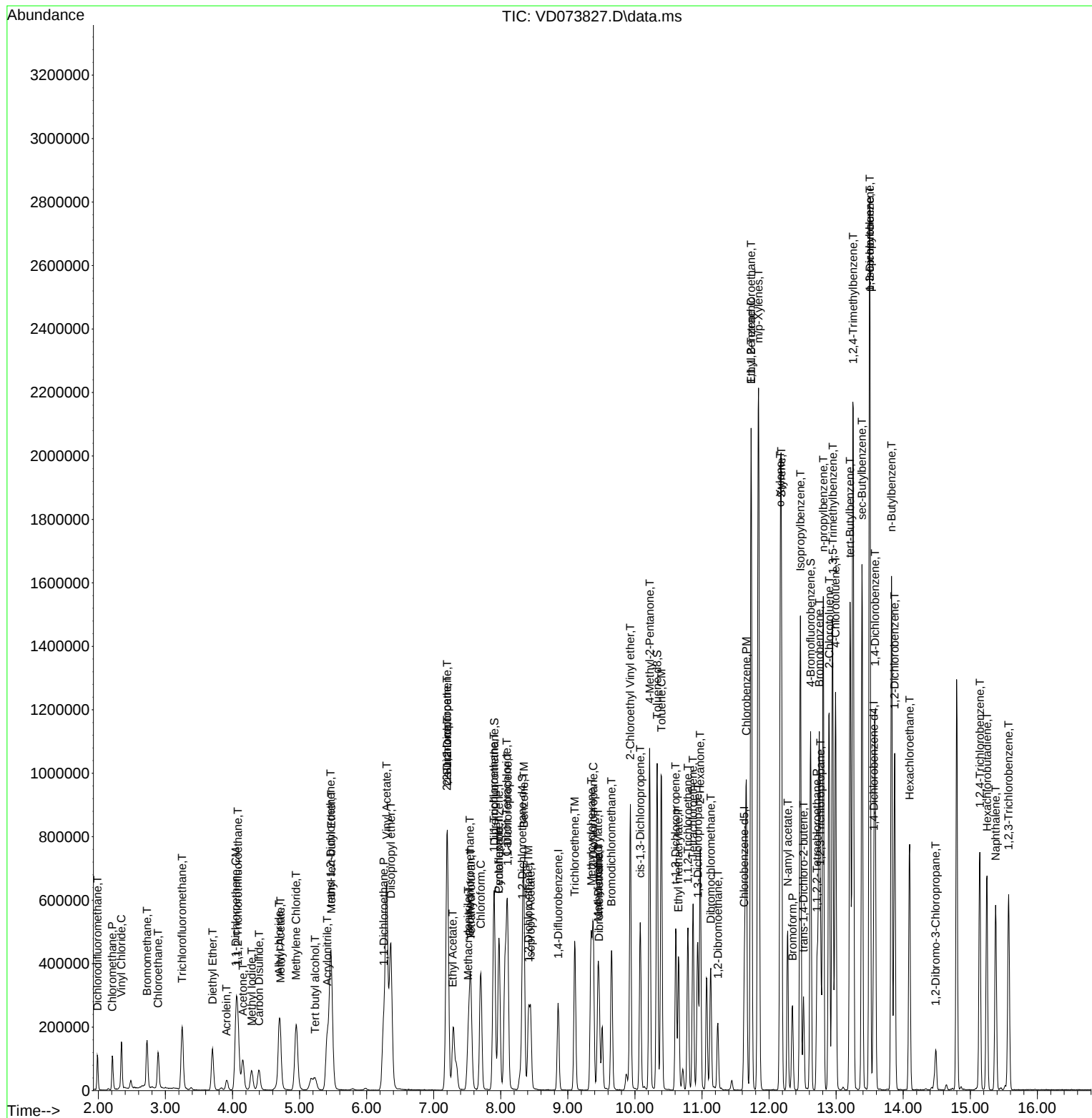
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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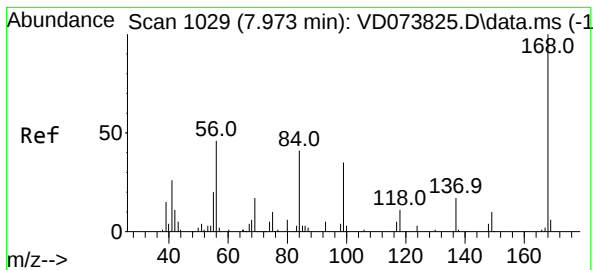
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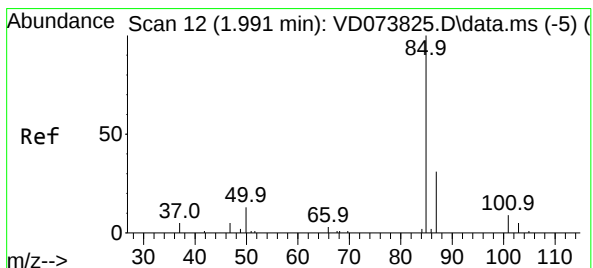
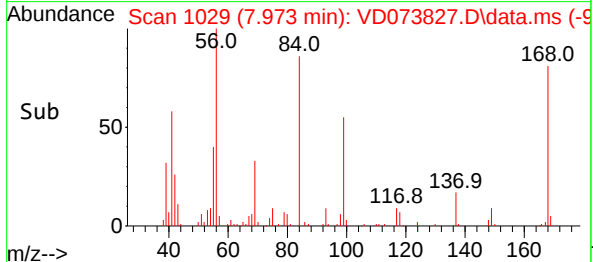
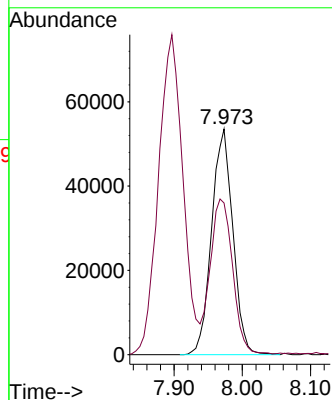
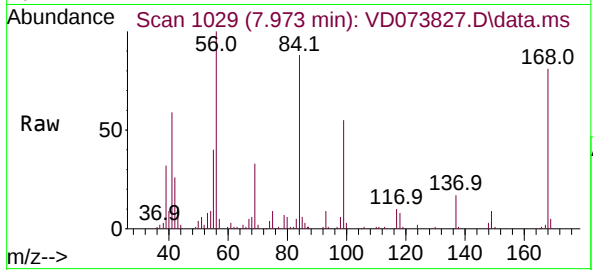




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073827.D
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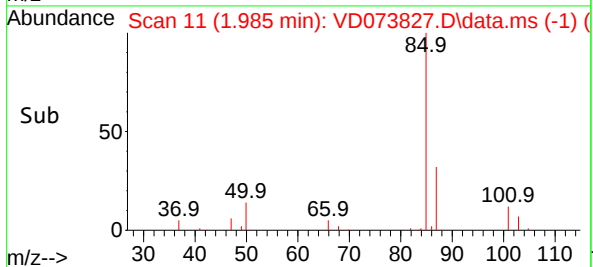
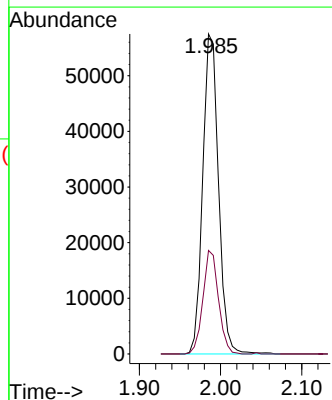
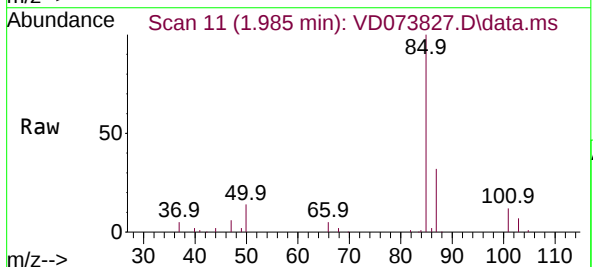
Instrument :
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ClientSampleId :
VSTDICC150

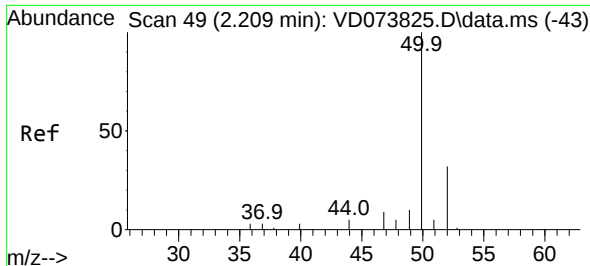
Tgt Ion:168 Resp: 116250
Ion Ratio Lower Upper
168 100
99 66.5 53.8 80.6



#2
Dichlorodifluoromethane
Concen: 99.633 ug/l
RT: 1.985 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD073827.D
Acq: 11 Jul 2022 17:11

Tgt Ion: 85 Resp: 77733
Ion Ratio Lower Upper
85 100
87 32.4 15.6 46.7

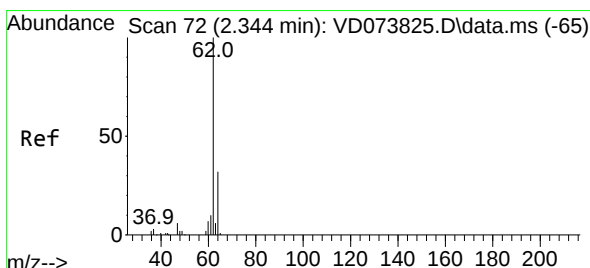
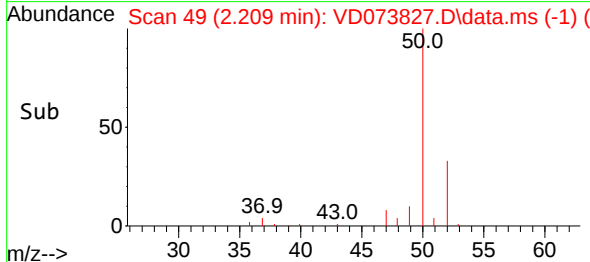
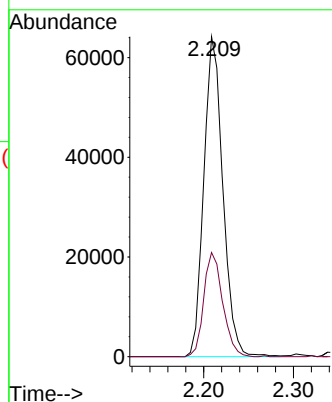
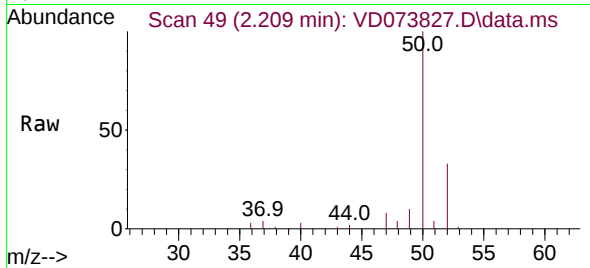




#3
Chloromethane
Concen: 93.947 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD073827.D
Acq: 11 Jul 2022 17:11

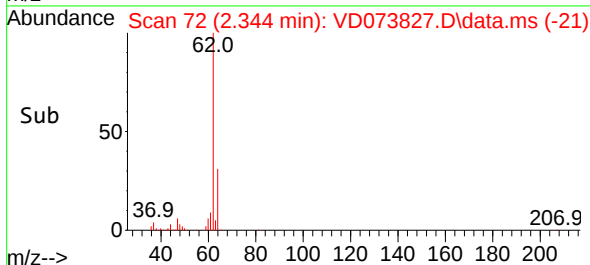
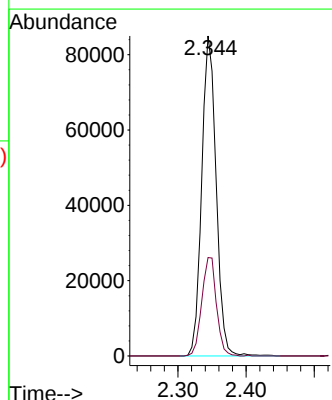
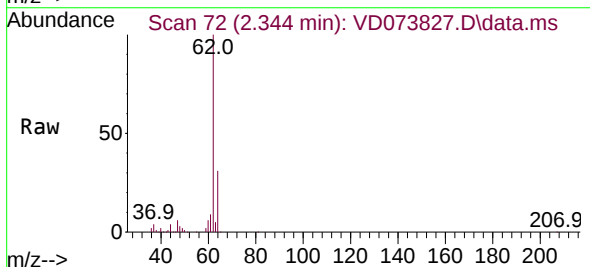
Instrument :
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ClientSampleId :
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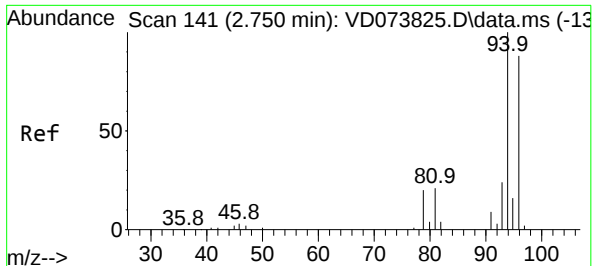
Tgt Ion: 50 Resp: 94711
Ion Ratio Lower Upper
50 100
52 32.5 25.5 38.3



#4
Vinyl Chloride
Concen: 101.398 ug/l
RT: 2.344 min Scan# 72
Delta R.T. 0.000 min
Lab File: VD073827.D
Acq: 11 Jul 2022 17:11

Tgt Ion: 62 Resp: 124997
Ion Ratio Lower Upper
62 100
64 30.8 25.4 38.0

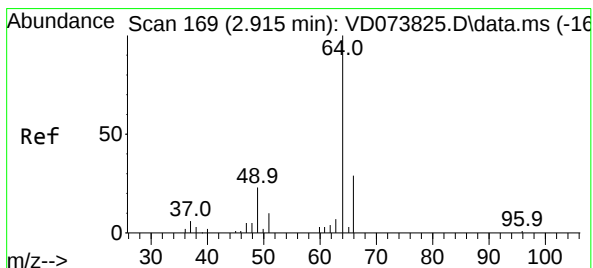
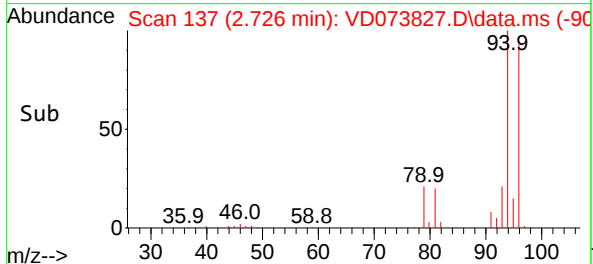
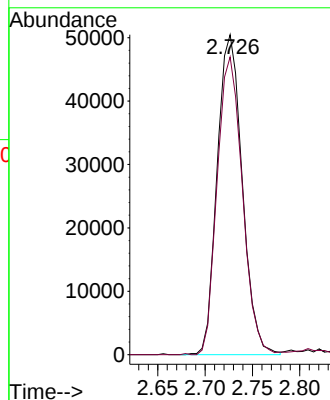
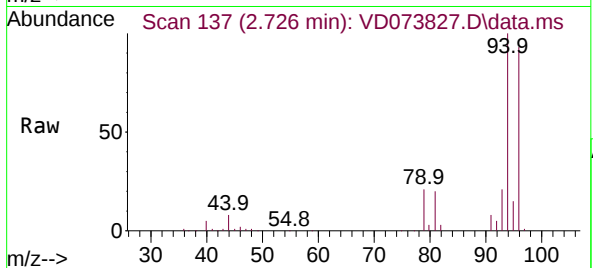




#5
Bromomethane
Concen: 96.100 ug/l
RT: 2.726 min Scan# 11
Delta R.T. -0.023 min
Lab File: VD073827.D
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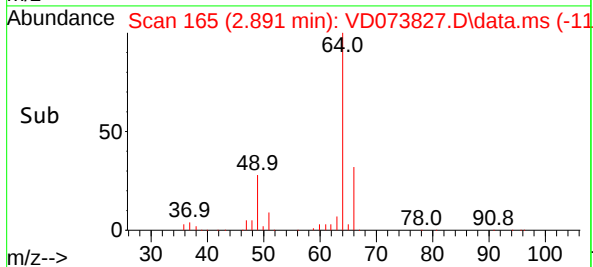
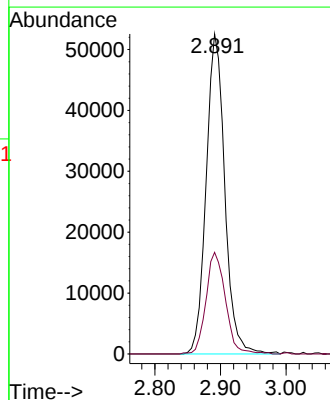
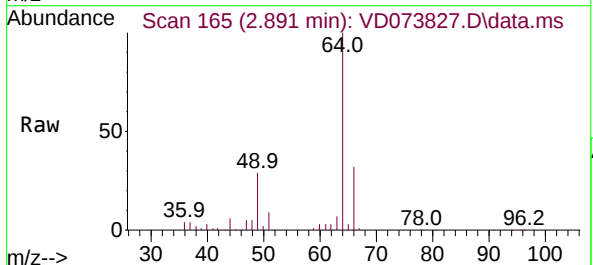
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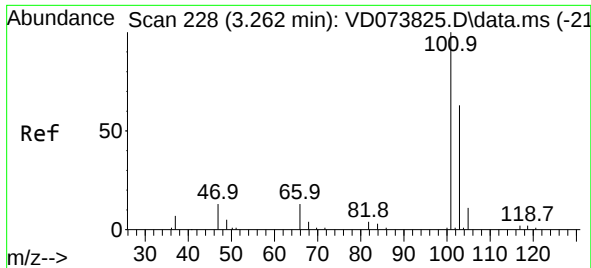
Tgt Ion: 94 Resp: 92865
Ion Ratio Lower Upper
94 100
96 93.0 70.3 105.5



#6
Chloroethane
Concen: 110.586 ug/l
RT: 2.891 min Scan# 165
Delta R.T. -0.024 min
Lab File: VD073827.D
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Tgt Ion: 64 Resp: 103915
Ion Ratio Lower Upper
64 100
66 31.8 23.0 34.6

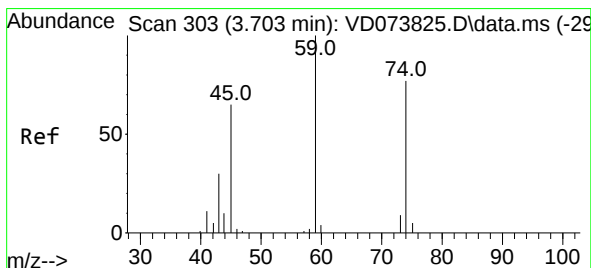
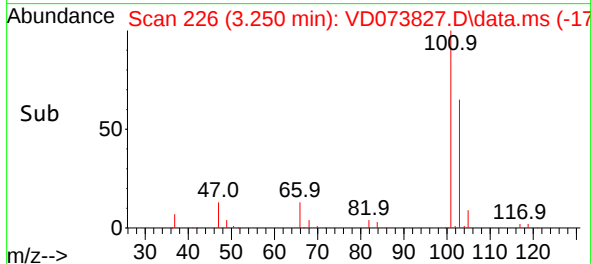
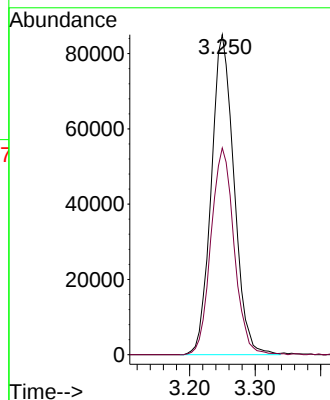
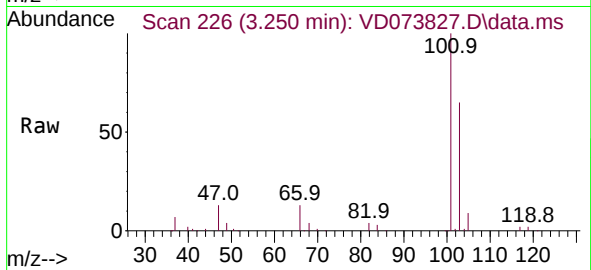




#7
Trichlorofluoromethane
Concen: 107.256 ug/l
RT: 3.250 min Scan# 21
Delta R.T. -0.012 min
Lab File: VD073827.D
Acq: 11 Jul 2022 17:11

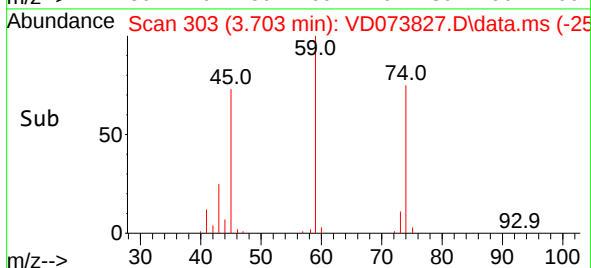
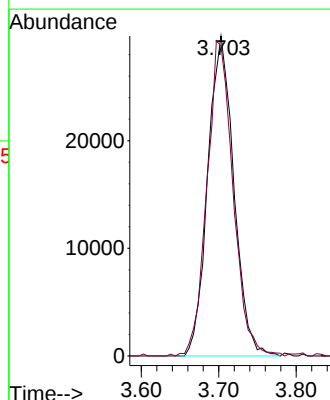
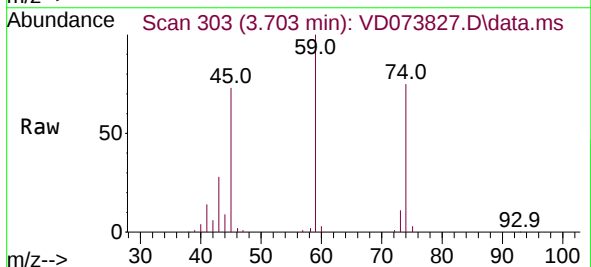
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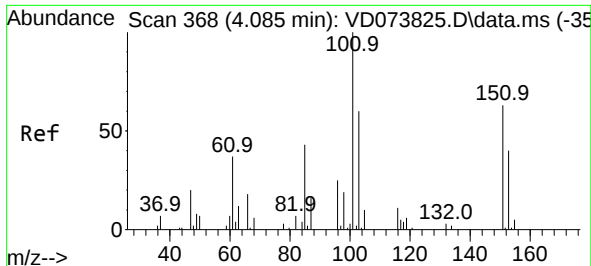
Tgt Ion:101 Resp: 204340
Ion Ratio Lower Upper
101 100
103 64.6 50.3 75.5



#8
Diethyl Ether
Concen: 120.114 ug/l
RT: 3.703 min Scan# 303
Delta R.T. 0.000 min
Lab File: VD073827.D
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Tgt Ion: 74 Resp: 69443
Ion Ratio Lower Upper
74 100
45 98.8 48.9 146.7

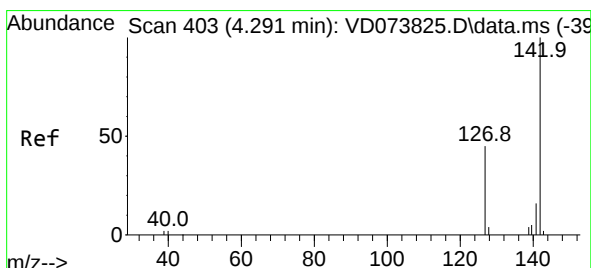
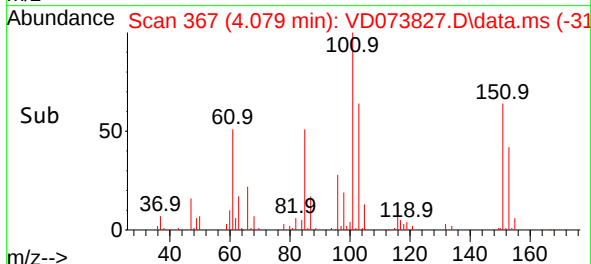
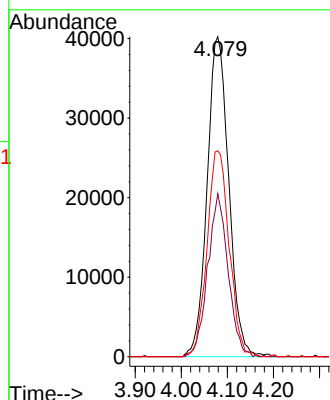
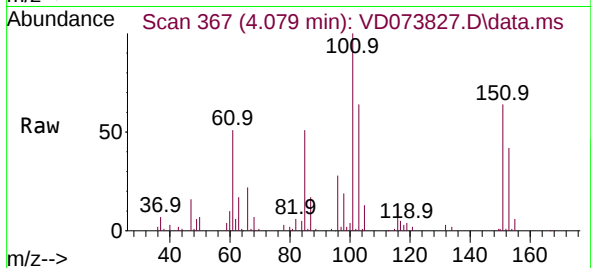




#9
1,1,2-Trichlorotrifluoroethane
Concen: 110.964 ug/l
RT: 4.079 min Scan# 30
Delta R.T. -0.006 min
Lab File: VD073827.D
Acq: 11 Jul 2022 17:11

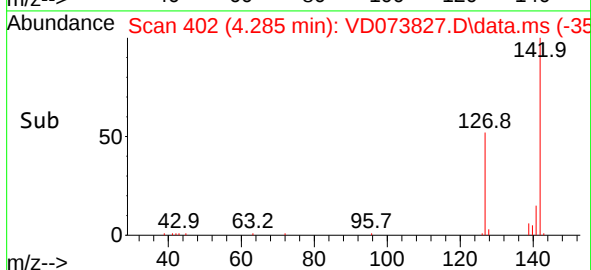
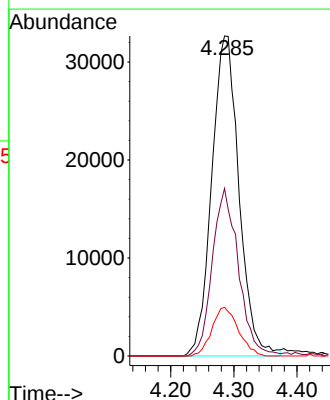
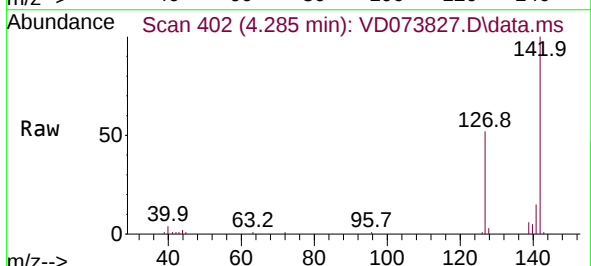
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

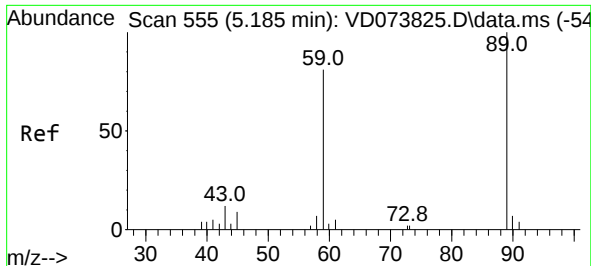
Tgt Ion:101 Resp: 131443
Ion Ratio Lower Upper
101 100
85 47.9 38.6 57.8
151 65.7 53.6 80.4



#10
Methyl Iodide
Concen: 127.604 ug/l
RT: 4.285 min Scan# 402
Delta R.T. -0.006 min
Lab File: VD073827.D
Acq: 11 Jul 2022 17:11

Tgt Ion:142 Resp: 97883
Ion Ratio Lower Upper
142 100
127 50.3 39.8 59.6
141 14.8 11.9 17.9

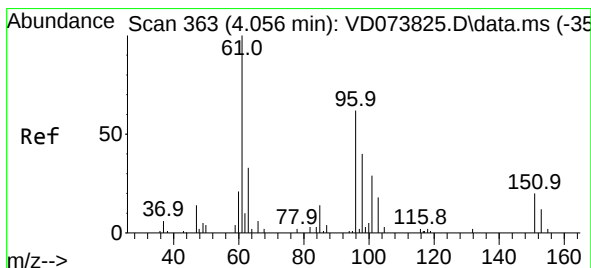
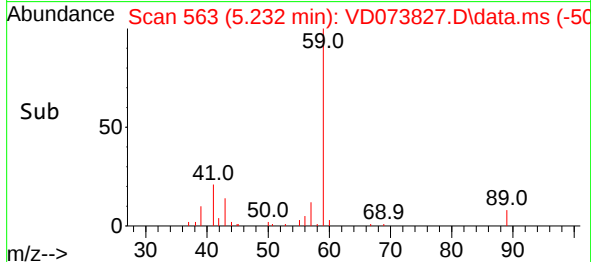
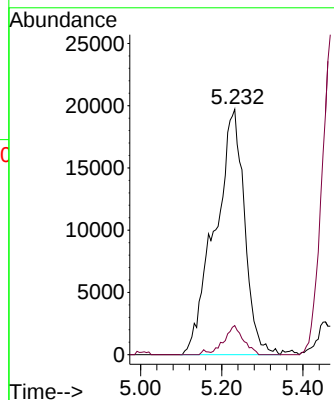
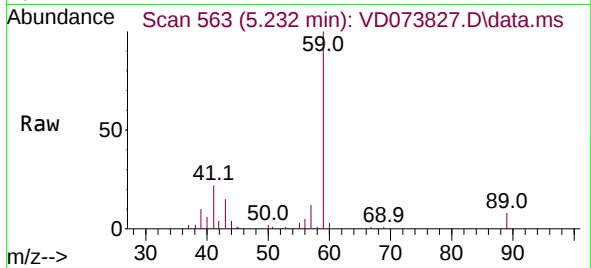




#11
Tert butyl alcohol
Concen: 206.754 ug/l
RT: 5.232 min Scan# 50
Delta R.T. 0.047 min
Lab File: VD073827.D
Acq: 11 Jul 2022 17:11

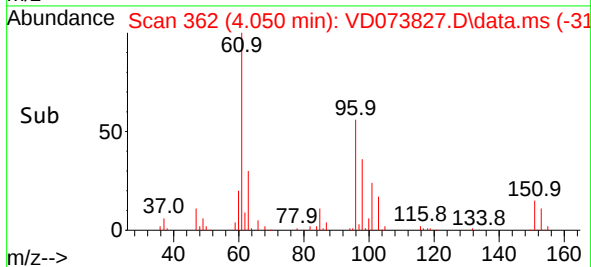
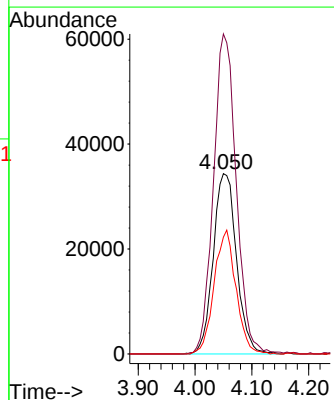
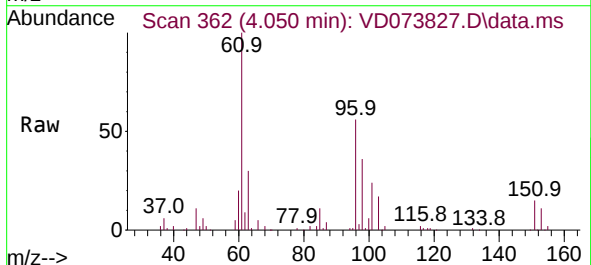
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

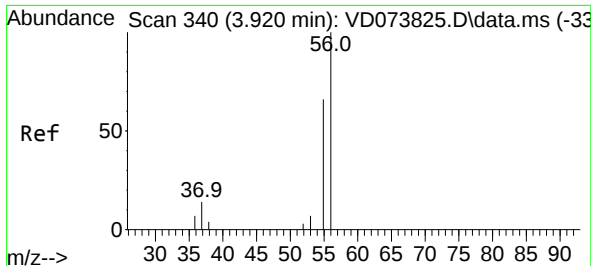
Tgt Ion: 59 Resp: 99619
Ion Ratio Lower Upper
59 100
57 7.5 0.0 0.0#



#12
1,1-Dichloroethene
Concen: 105.698 ug/l
RT: 4.050 min Scan# 362
Delta R.T. -0.006 min
Lab File: VD073827.D
Acq: 11 Jul 2022 17:11

Tgt Ion: 96 Resp: 98069
Ion Ratio Lower Upper
96 100
61 177.5 130.1 195.1
98 64.7 52.1 78.1

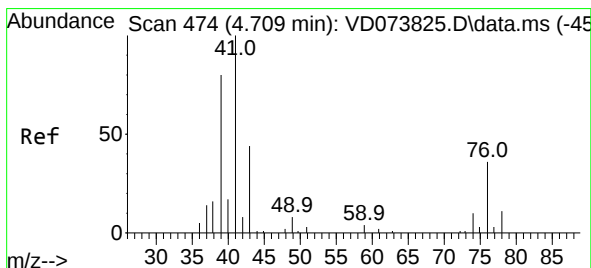
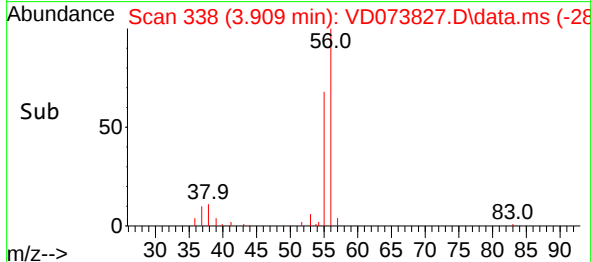
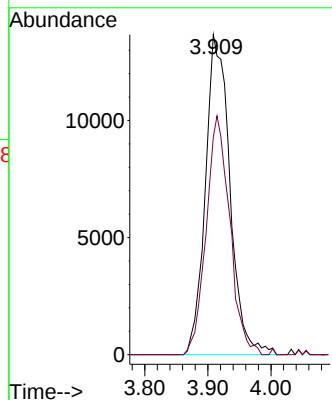
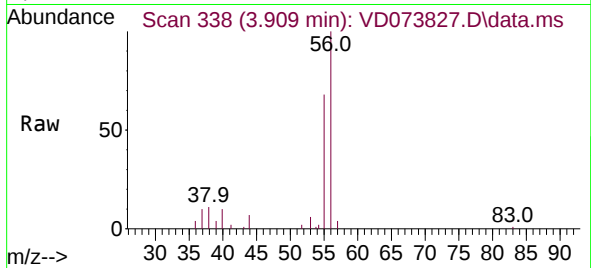




#13
Acrolein
Concen: 522.451 ug/l
RT: 3.909 min Scan# 31
Delta R.T. -0.012 min
Lab File: VD073827.D
Acq: 11 Jul 2022 17:11

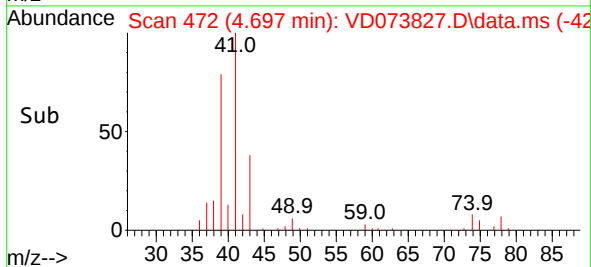
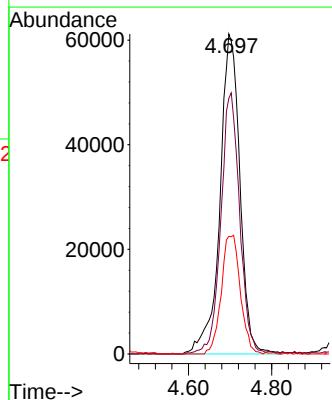
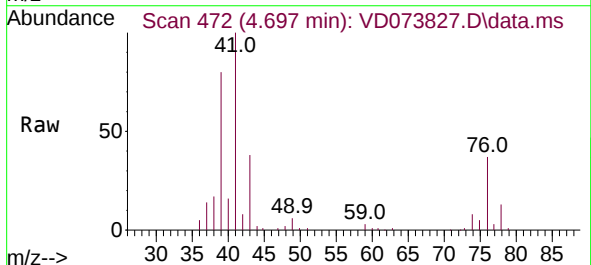
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150

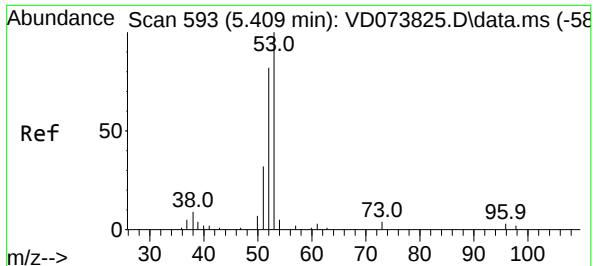
Tgt Ion: 56 Resp: 36785
Ion Ratio Lower Upper
56 100
55 71.9 54.7 82.1



#14
Allyl chloride
Concen: 116.364 ug/l
RT: 4.697 min Scan# 472
Delta R.T. -0.012 min
Lab File: VD073827.D
Acq: 11 Jul 2022 17:11

Tgt Ion: 41 Resp: 204183
Ion Ratio Lower Upper
41 100
39 76.7 62.5 93.7
76 35.2 28.6 43.0

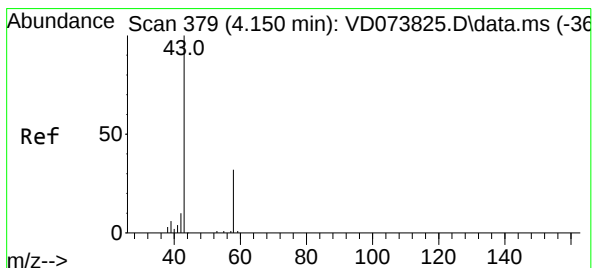
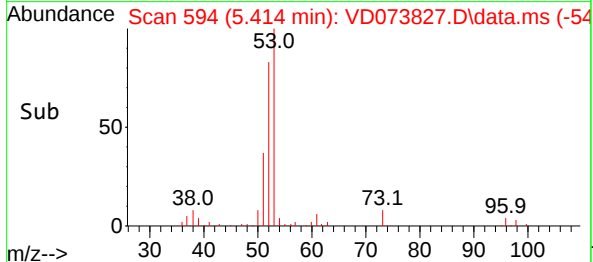
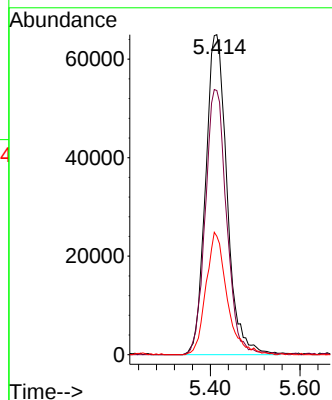
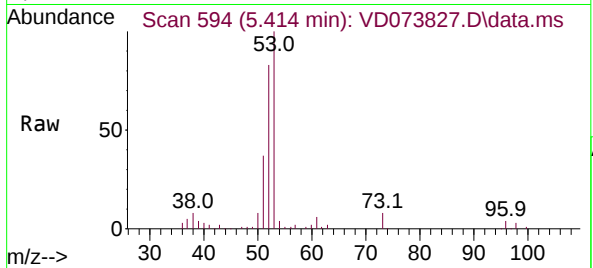




#15
Acrylonitrile
Concen: 652.165 ug/l
RT: 5.414 min Scan# 594
Delta R.T. 0.006 min
Lab File: VD073827.D
Acq: 11 Jul 2022 17:11

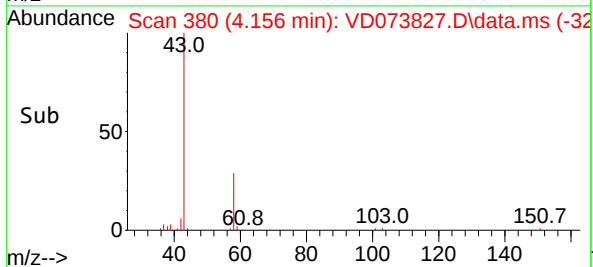
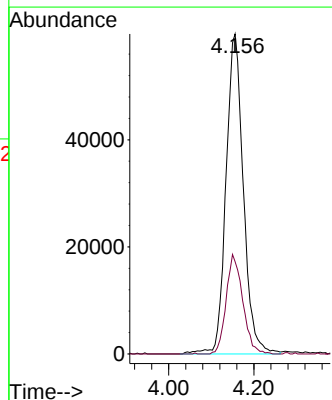
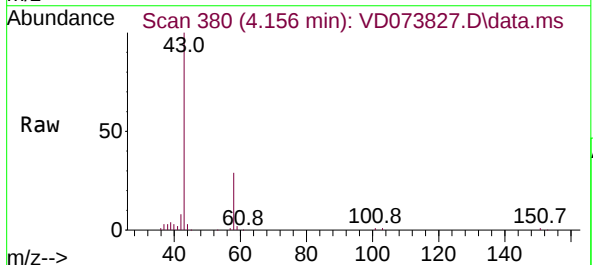
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150

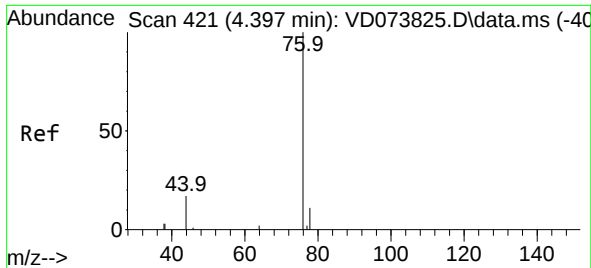
Tgt Ion: 53 Resp: 215709
Ion Ratio Lower Upper
53 100
52 82.1 66.1 99.1
51 37.6 30.6 45.8



#16
Acetone
Concen: 549.288 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.006 min
Lab File: VD073827.D
Acq: 11 Jul 2022 17:11

Tgt Ion: 43 Resp: 169070
Ion Ratio Lower Upper
43 100
58 28.8 25.2 37.8

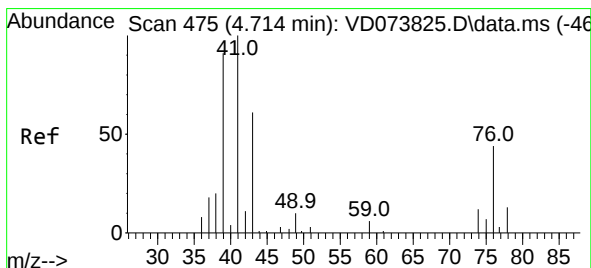
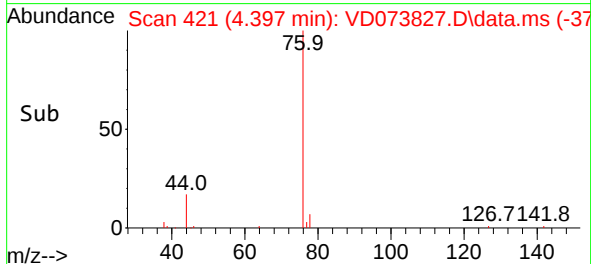
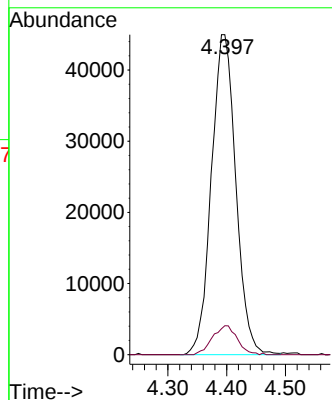
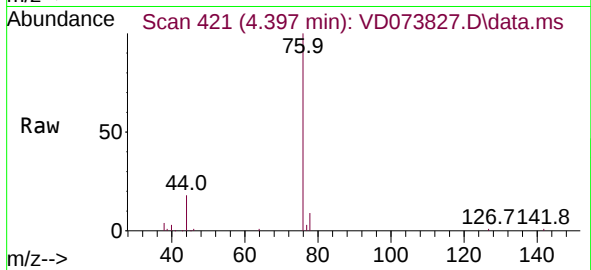




#17
Carbon Disulfide
Concen: 86.540 ug/l
RT: 4.397 min Scan# 421
Delta R.T. 0.000 min
Lab File: VD073827.D
Acq: 11 Jul 2022 17:11

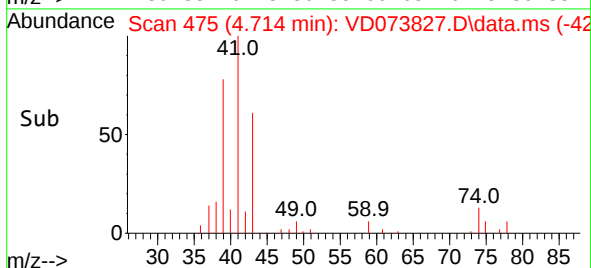
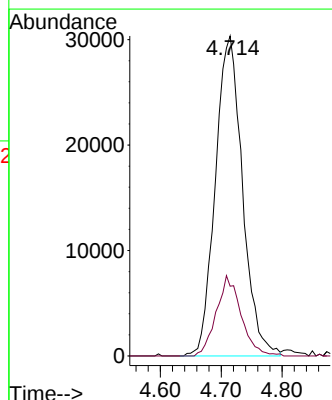
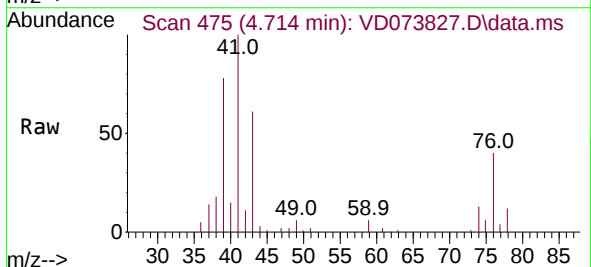
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

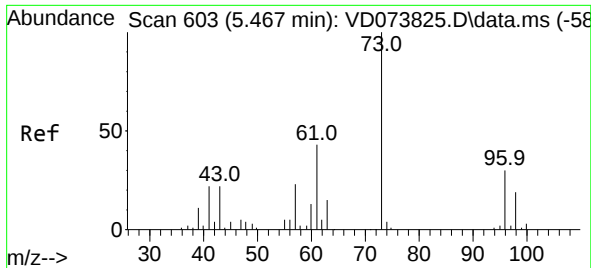
Tgt Ion: 76 Resp: 129830
Ion Ratio Lower Upper
76 100
78 9.1 8.7 13.1



#18
Methyl Acetate
Concen: 95.103 ug/l
RT: 4.714 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD073827.D
Acq: 11 Jul 2022 17:11

Tgt Ion: 43 Resp: 93852
Ion Ratio Lower Upper
43 100
74 23.0 17.0 25.4

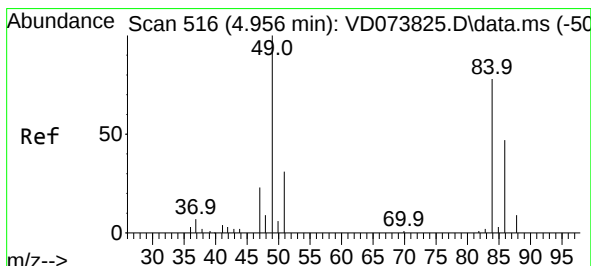
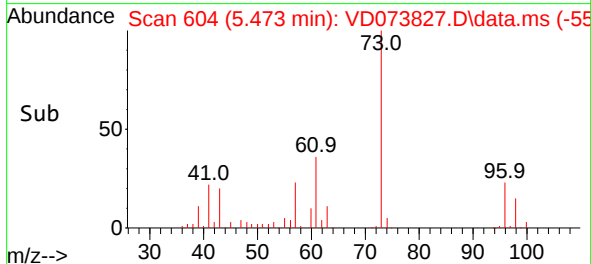
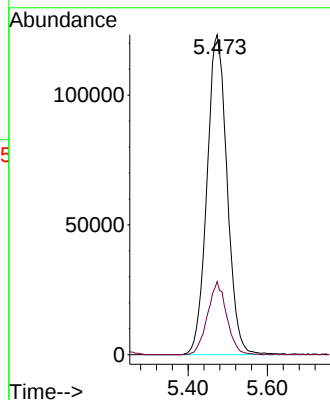
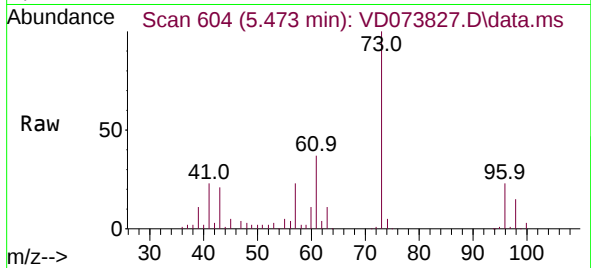




#19
Methyl tert-butyl Ether
Concen: 125.866 ug/l
RT: 5.473 min Scan# 603
Delta R.T. 0.006 min
Lab File: VD073827.D
Acq: 11 Jul 2022 17:11

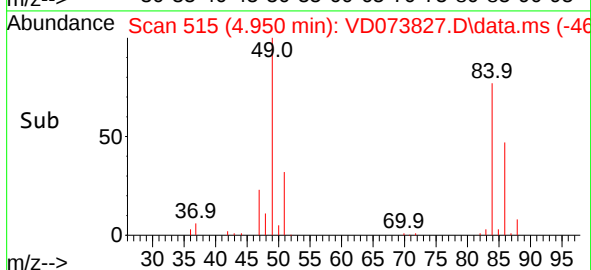
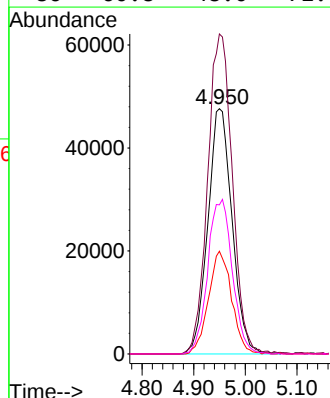
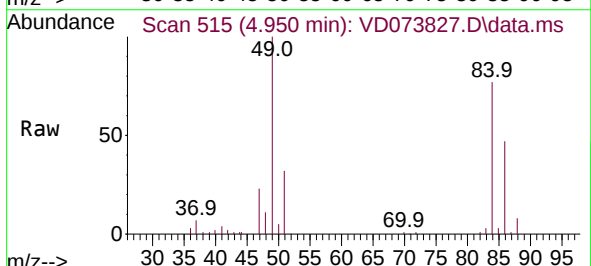
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

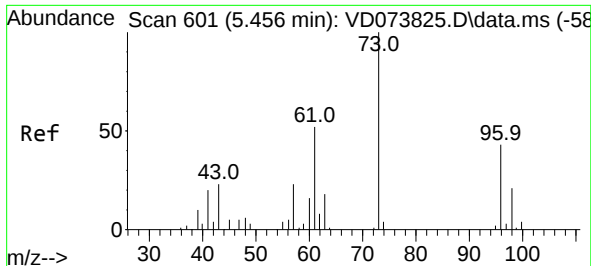
Tgt Ion: 73 Resp: 435128
Ion Ratio Lower Upper
73 100
57 22.9 18.6 28.0



#20
Methylene Chloride
Concen: 58.850 ug/l
RT: 4.950 min Scan# 515
Delta R.T. -0.006 min
Lab File: VD073827.D
Acq: 11 Jul 2022 17:11

Tgt Ion: 84 Resp: 155099
Ion Ratio Lower Upper
84 100
49 130.5 102.5 153.7
51 41.9 31.4 47.0
86 60.8 48.0 72.0

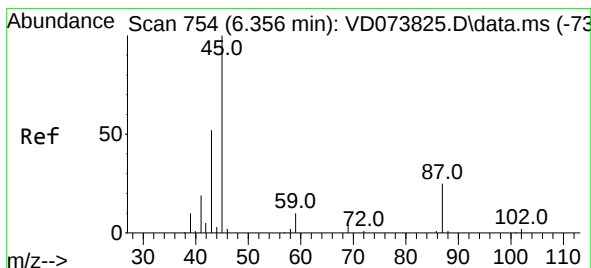
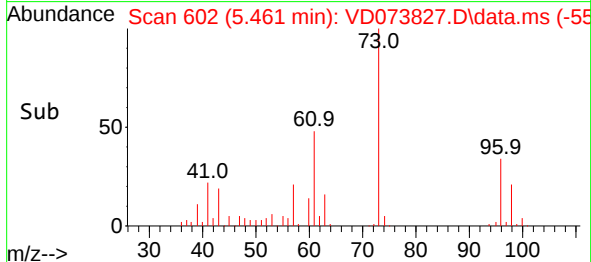
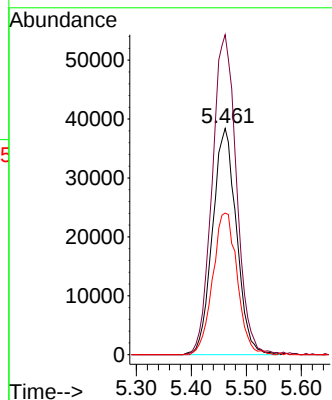
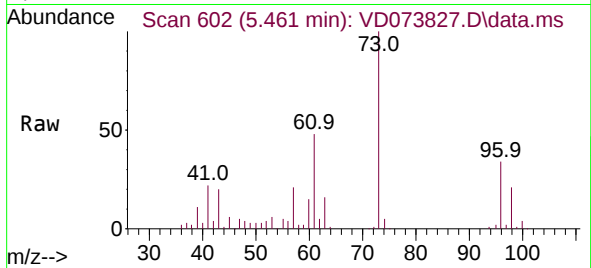




#21
trans-1,2-Dichloroethene
Concen: 104.553 ug/l
RT: 5.461 min Scan# 601
Delta R.T. 0.006 min
Lab File: VD073827.D
Acq: 11 Jul 2022 17:11

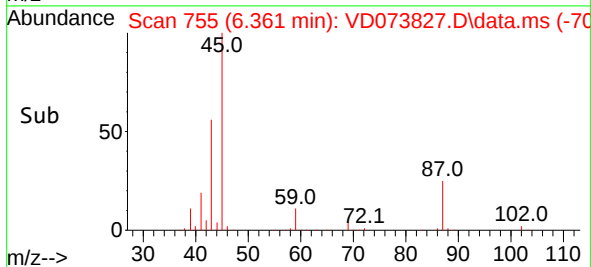
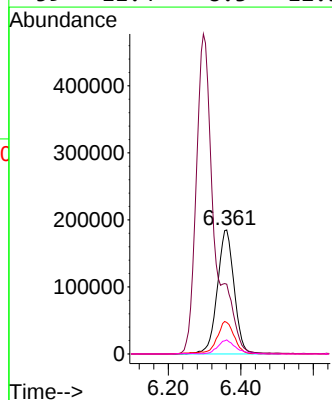
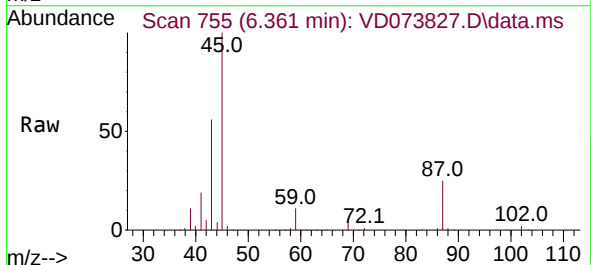
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

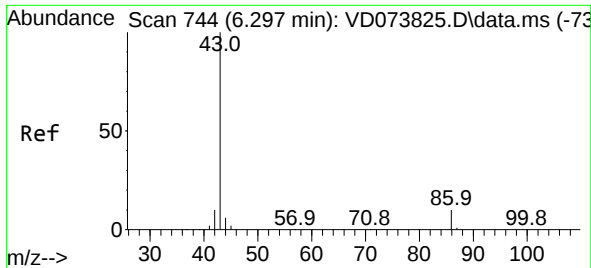
Tgt Ion: 96 Resp: 116148
Ion Ratio Lower Upper
96 100
61 141.4 97.0 145.6
98 62.6 39.5 59.3#



#22
Diisopropyl ether
Concen: 130.378 ug/l
RT: 6.361 min Scan# 755
Delta R.T. 0.006 min
Lab File: VD073827.D
Acq: 11 Jul 2022 17:11

Tgt Ion: 45 Resp: 595960
Ion Ratio Lower Upper
45 100
43 55.9 44.1 66.1
87 25.3 20.8 31.2
59 11.4 8.3 12.5

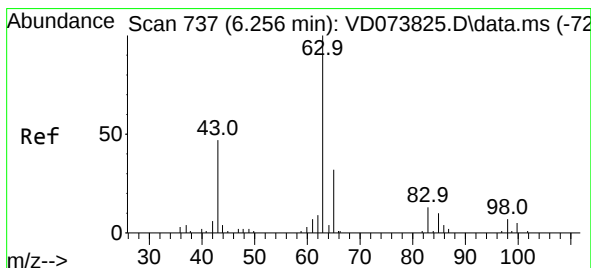
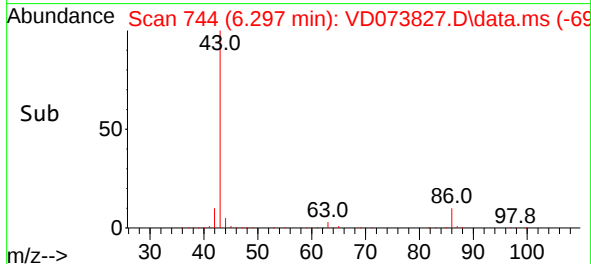
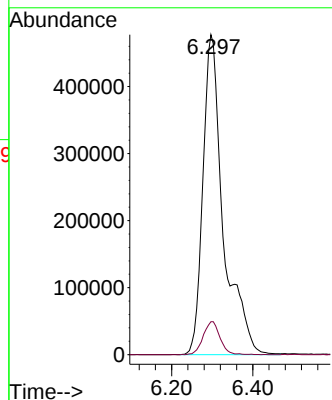
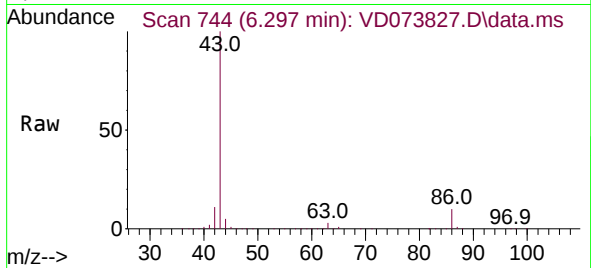




#23
 Vinyl Acetate
 Concen: 689.719 ug/l
 RT: 6.297 min Scan# 744
 Delta R.T. 0.000 min
 Lab File: VD073827.D
 Acq: 11 Jul 2022 17:11

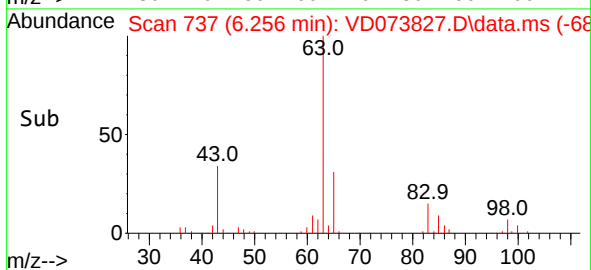
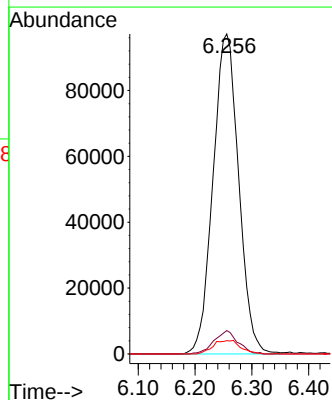
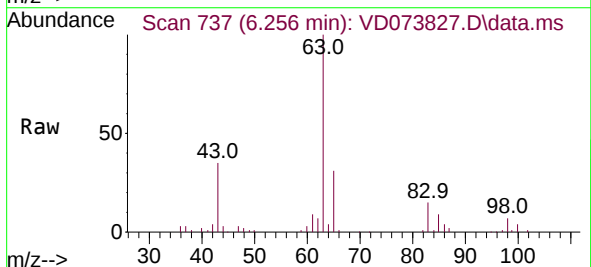
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

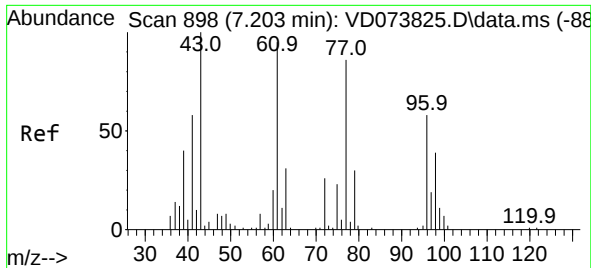
Tgt Ion: 43 Resp: 1664615
 Ion Ratio Lower Upper
 43 100
 86 10.3 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 119.778 ug/l
 RT: 6.256 min Scan# 737
 Delta R.T. 0.000 min
 Lab File: VD073827.D
 Acq: 11 Jul 2022 17:11

Tgt Ion: 63 Resp: 304784
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.7 11.1
 100 4.1 2.5 7.6

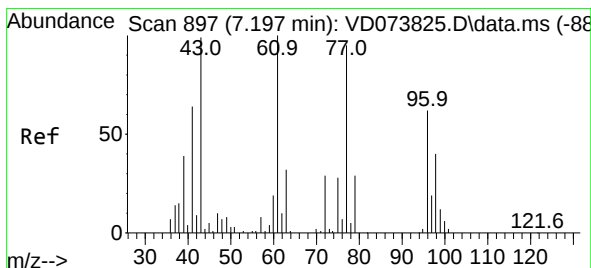
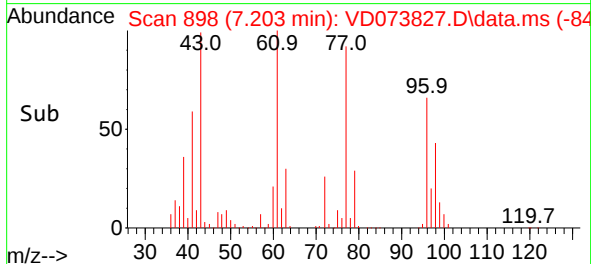
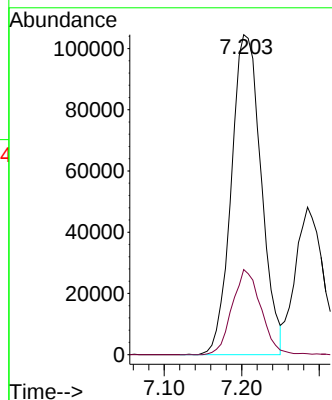
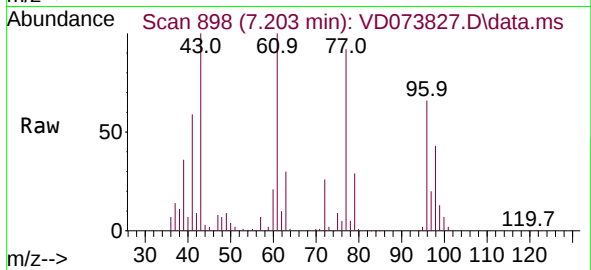




#25
2-Butanone
Concen: 609.894 ug/l
RT: 7.203 min Scan# 898
Delta R.T. 0.000 min
Lab File: VD073827.D
Acq: 11 Jul 2022 17:11

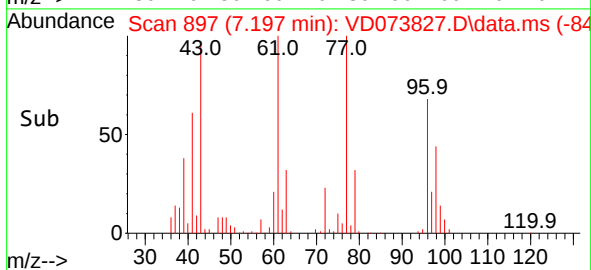
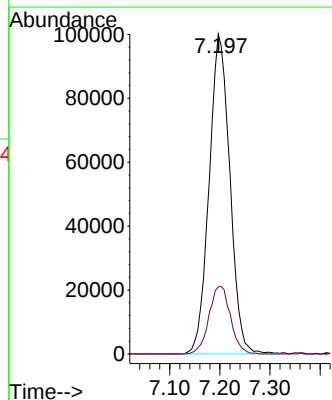
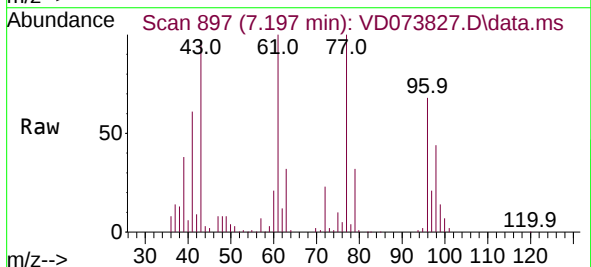
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

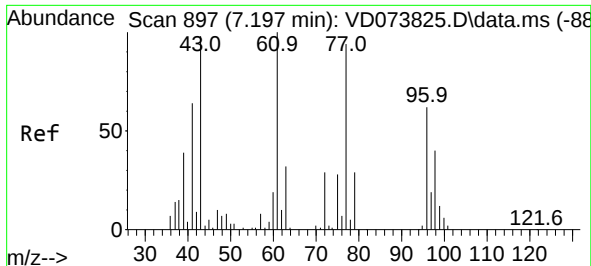
Tgt Ion: 43 Resp: 280297
Ion Ratio Lower Upper
43 100
72 26.6 20.9 31.3



#26
2,2-Dichloropropane
Concen: 119.586 ug/l
RT: 7.197 min Scan# 897
Delta R.T. 0.000 min
Lab File: VD073827.D
Acq: 11 Jul 2022 17:11

Tgt Ion: 77 Resp: 287706
Ion Ratio Lower Upper
77 100
97 21.9 10.7 31.9





#27

cis-1,2-Dichloroethene

Concen: 117.676 ug/l

RT: 7.203 min Scan# 897

Delta R.T. 0.006 min

Lab File: VD073827.D

Acq: 11 Jul 2022 17:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

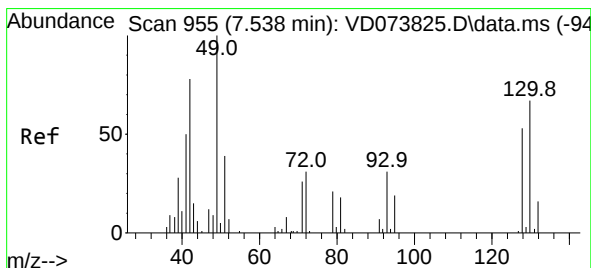
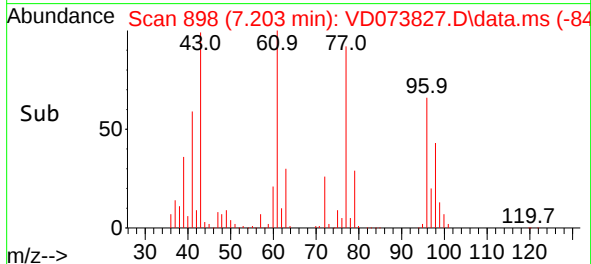
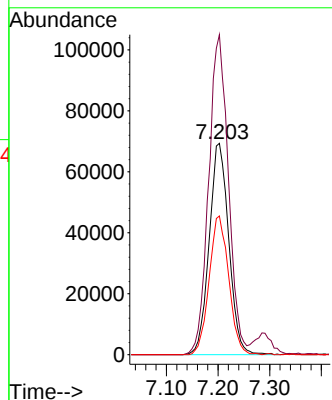
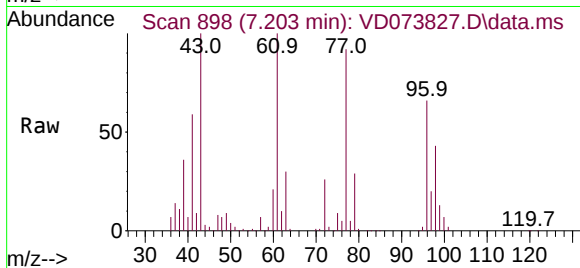
Tgt Ion: 96 Resp: 182680

Ion Ratio Lower Upper

96 100

61 152.2 0.0 324.4

98 65.6 0.0 131.6



#28

Bromochloromethane

Concen: 124.868 ug/l

RT: 7.538 min Scan# 955

Delta R.T. 0.000 min

Lab File: VD073827.D

Acq: 11 Jul 2022 17:11

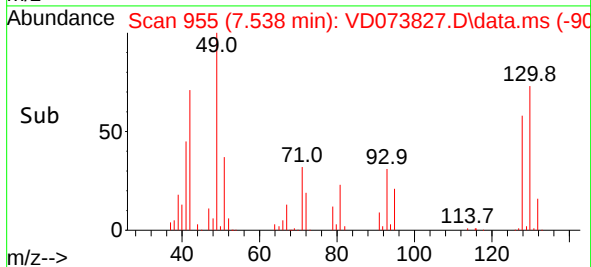
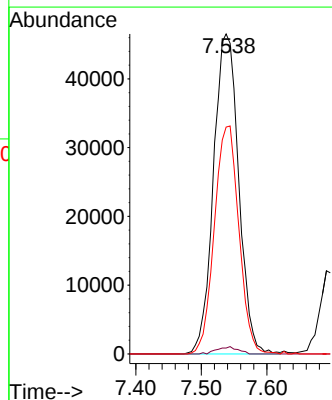
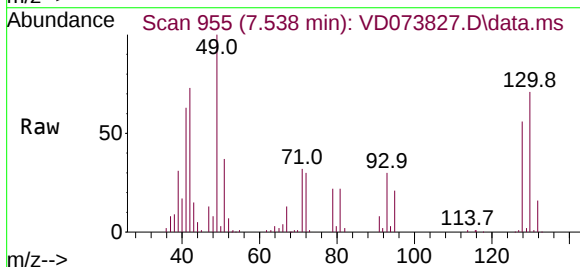
Tgt Ion: 49 Resp: 123940

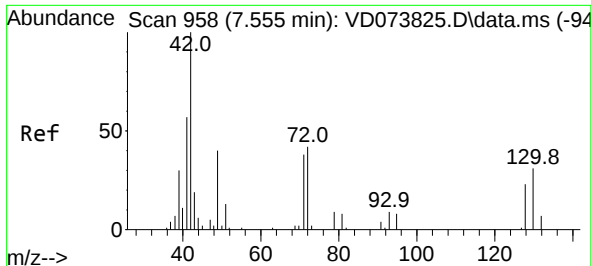
Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.0

130 69.3 51.8 77.6





#29

Tetrahydrofuran

Concen: 643.767 ug/l

RT: 7.555 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD073827.D

Acq: 11 Jul 2022 17:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC150

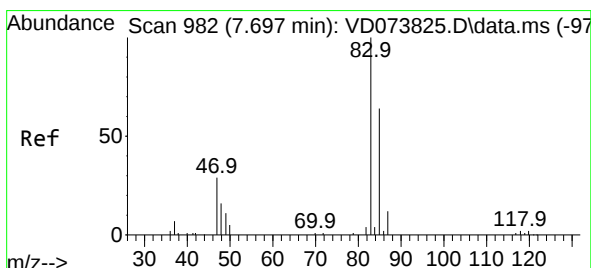
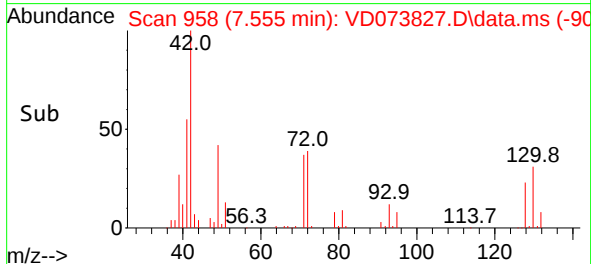
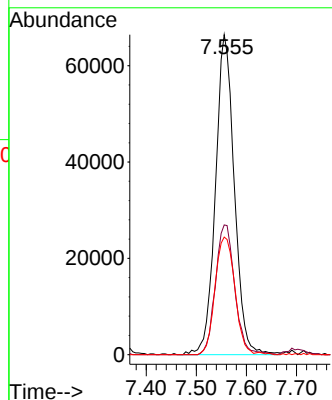
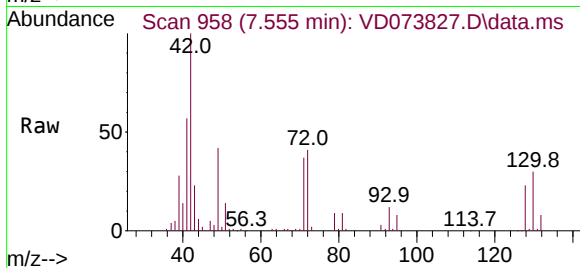
Tgt Ion: 42 Resp: 173730

Ion Ratio Lower Upper

42 100

72 41.5 33.5 50.3

71 38.5 31.0 46.6



#30

Chloroform

Concen: 124.629 ug/l

RT: 7.703 min Scan# 983

Delta R.T. 0.006 min

Lab File: VD073827.D

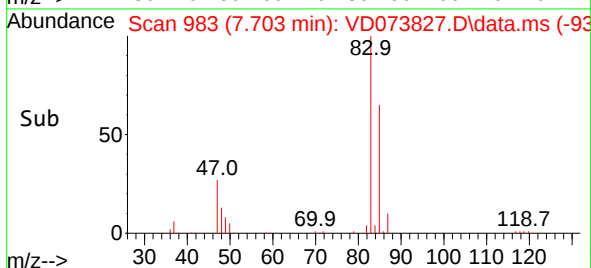
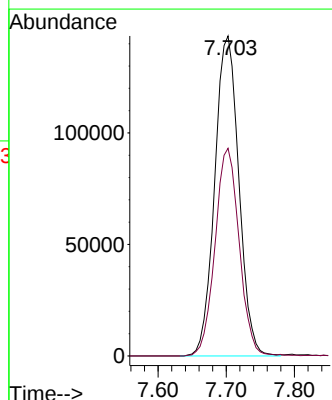
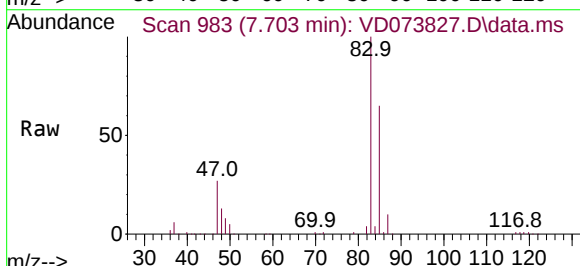
Acq: 11 Jul 2022 17:11

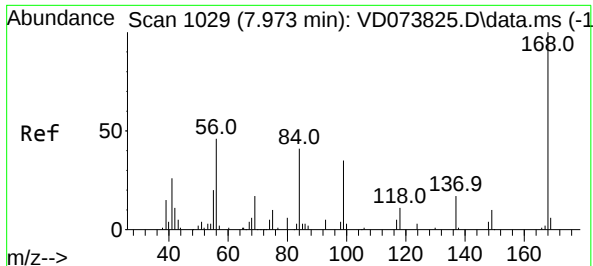
Tgt Ion: 83 Resp: 353535

Ion Ratio Lower Upper

83 100

85 64.9 51.2 76.8





#31

Cyclohexane

Concen: 93.182 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. 0.000 min

Lab File: VD073827.D

Acq: 11 Jul 2022 17:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

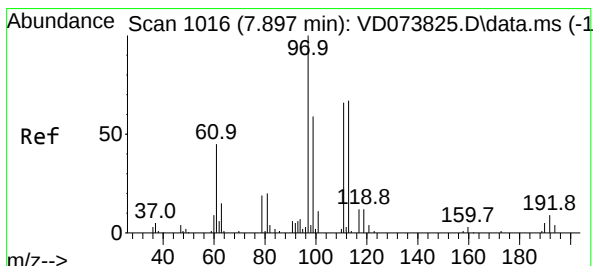
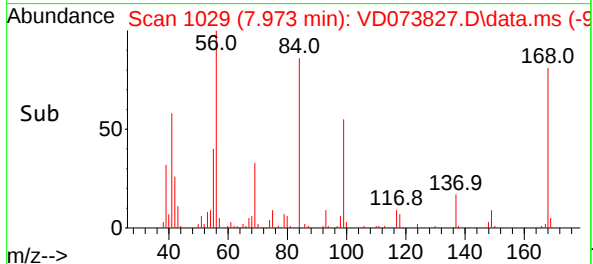
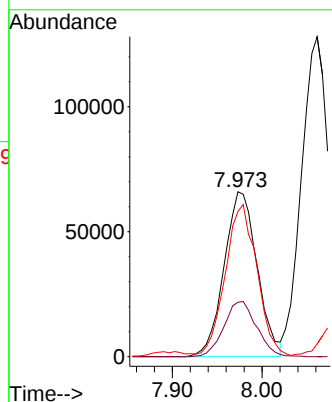
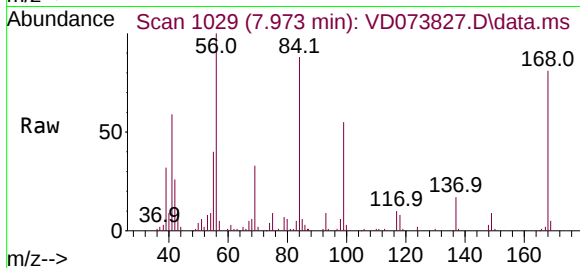
Tgt Ion: 56 Resp: 168822

Ion Ratio Lower Upper

56 100

69 33.0 29.1 43.7

84 85.6 68.2 102.2



#32

1,1,1-Trichloroethane

Concen: 121.328 ug/l

RT: 7.897 min Scan# 1016

Delta R.T. 0.000 min

Lab File: VD073827.D

Acq: 11 Jul 2022 17:11

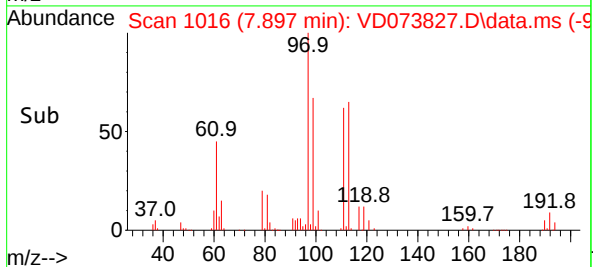
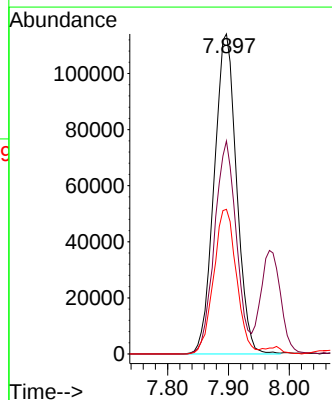
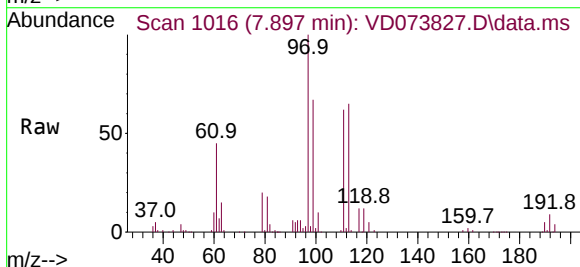
Tgt Ion: 97 Resp: 291540

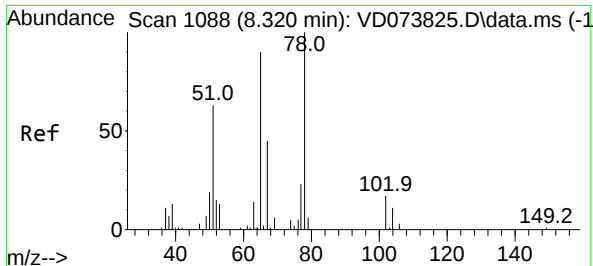
Ion Ratio Lower Upper

97 100

99 65.3 52.2 78.2

61 46.0 37.0 55.4





#33

1,2-Dichloroethane-d4

Concen: 139.430 ug/l

RT: 8.320 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VD073827.D

Acq: 11 Jul 2022 17:11

Instrument :

MSVOA_D

ClientSampleId :

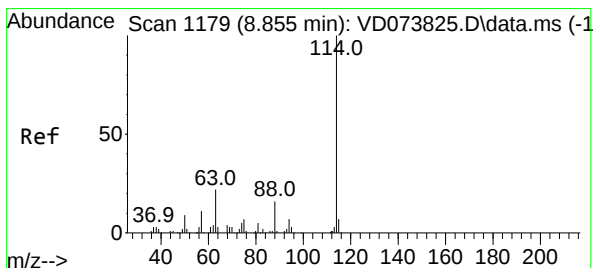
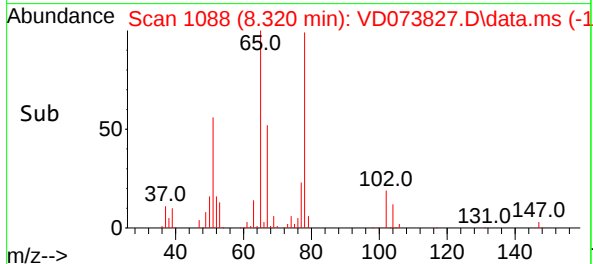
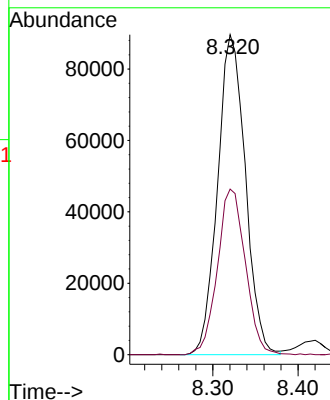
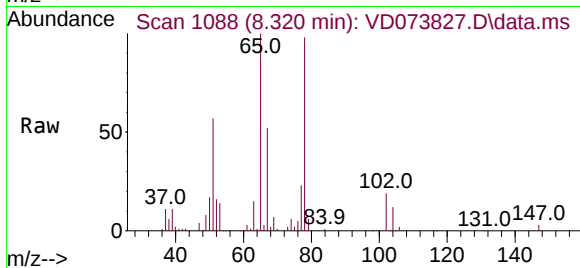
VSTDIC150

Tgt Ion: 65 Resp: 202838

Ion Ratio Lower Upper

65 100

67 52.1 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: VD073827.D

Acq: 11 Jul 2022 17:11

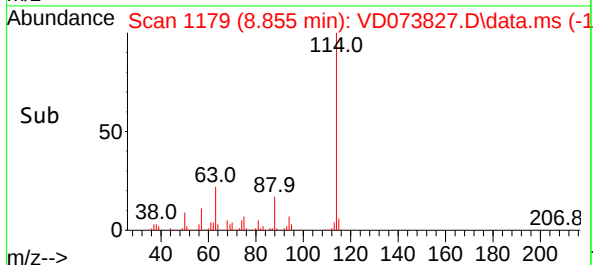
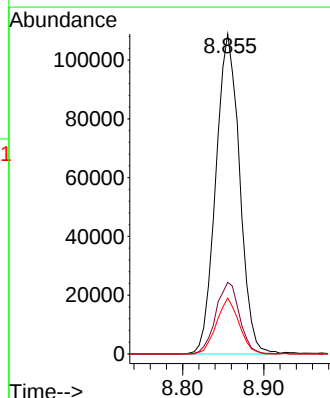
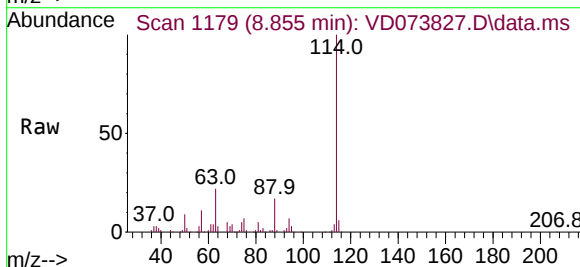
Tgt Ion: 114 Resp: 221808

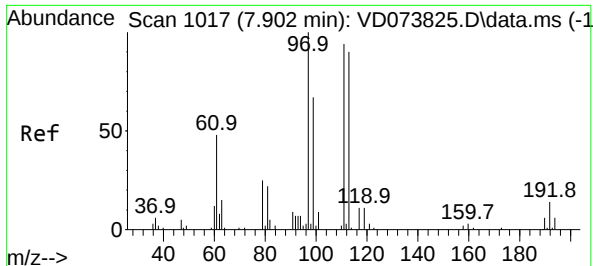
Ion Ratio Lower Upper

114 100

63 22.4 0.0 43.0

88 17.5 0.0 33.0





#35

Dibromofluoromethane

Concen: 147.716 ug/l

RT: 7.903 min Scan# 1017

Delta R.T. 0.000 min

Lab File: VD073827.D

Acq: 11 Jul 2022 17:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

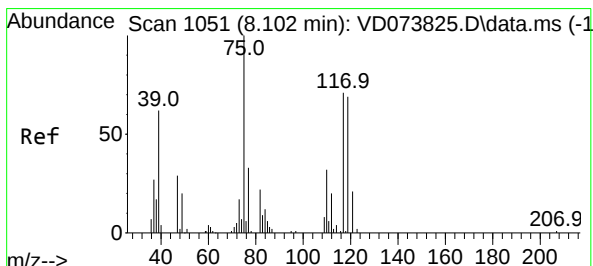
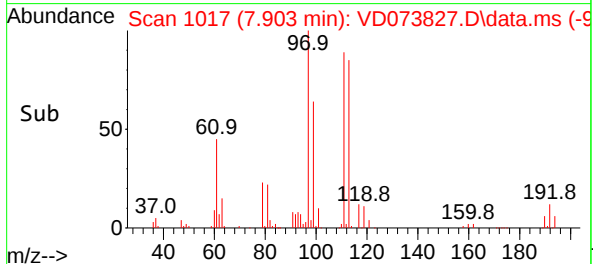
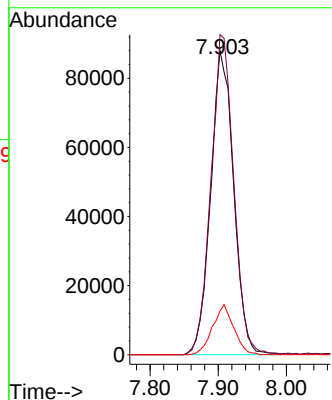
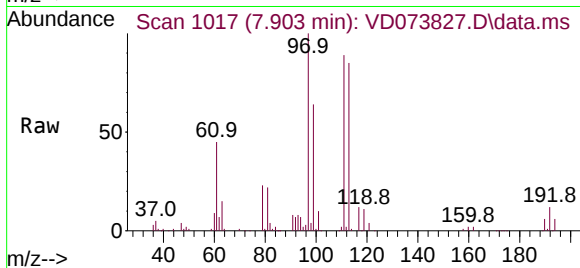
Tgt Ion:113 Resp: 206310

Ion Ratio Lower Upper

113 100

111 104.5 82.2 123.4

192 15.2 12.3 18.5



#36

1,1-Dichloropropene

Concen: 111.916 ug/l

RT: 8.103 min Scan# 1051

Delta R.T. 0.000 min

Lab File: VD073827.D

Acq: 11 Jul 2022 17:11

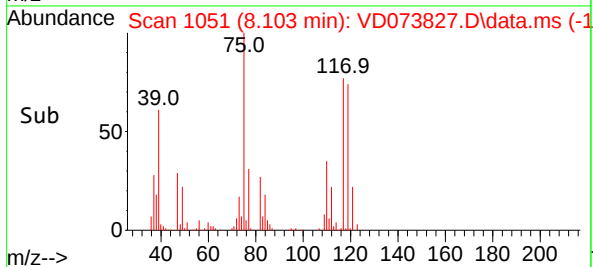
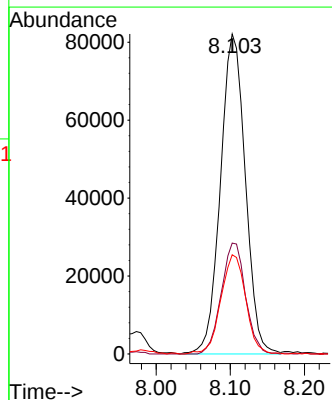
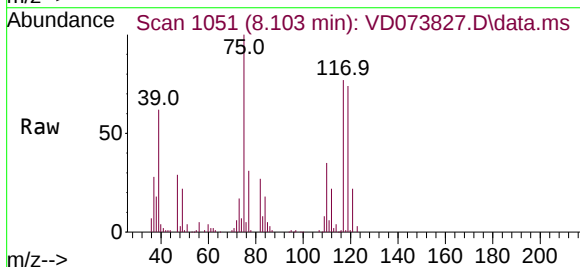
Tgt Ion: 75 Resp: 191431

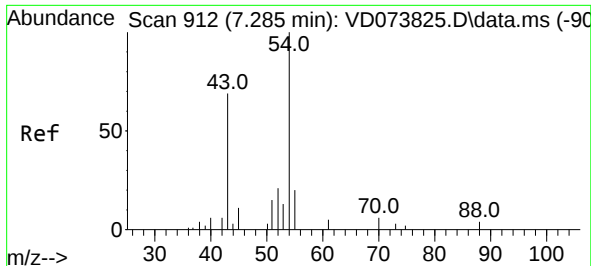
Ion Ratio Lower Upper

75 100

110 33.7 16.0 47.9

77 31.0 25.3 37.9





#37

Ethyl Acetate

Concen: 122.742 ug/l

RT: 7.285 min Scan# 912

Delta R.T. 0.000 min

Lab File: VD073827.D

Acq: 11 Jul 2022 17:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

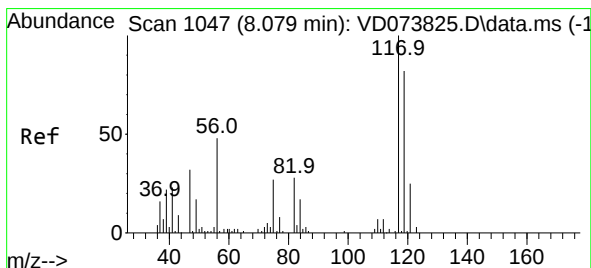
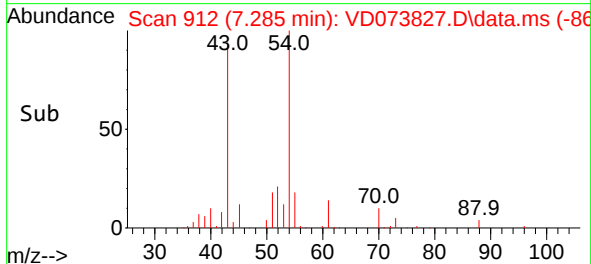
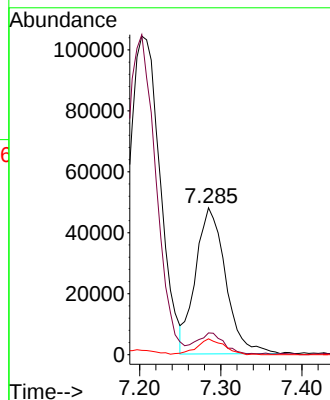
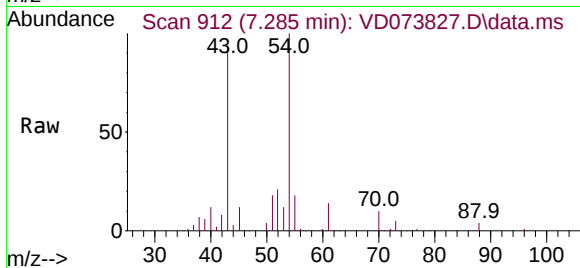
Tgt Ion: 43 Resp: 123436

Ion Ratio Lower Upper

43 100

61 12.1 10.8 16.2

70 9.8 7.5 11.3



#38

Carbon Tetrachloride

Concen: 118.180 ug/l

RT: 8.091 min Scan# 1049

Delta R.T. 0.012 min

Lab File: VD073827.D

Acq: 11 Jul 2022 17:11

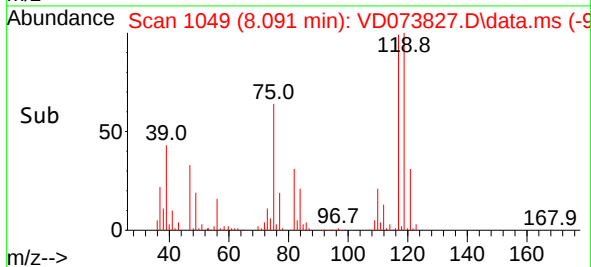
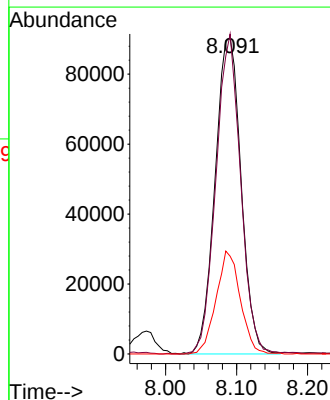
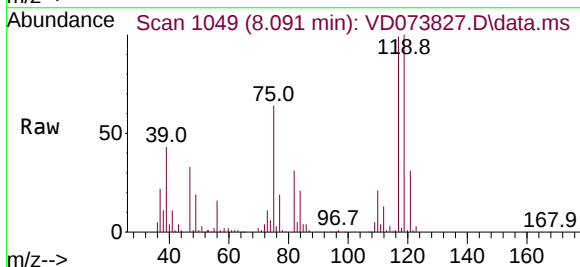
Tgt Ion: 117 Resp: 229784

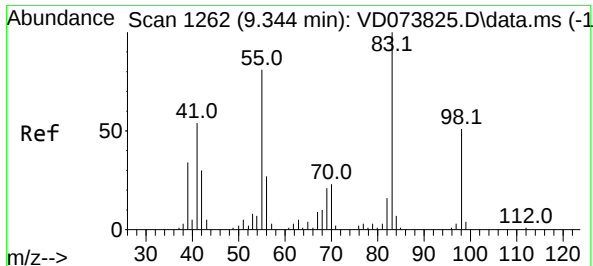
Ion Ratio Lower Upper

117 100

119 101.2 65.6 98.4#

121 30.9 20.1 30.1#





#39

Methylcyclohexane

Concen: 109.268 ug/l

RT: 9.350 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD073827.D

Acq: 11 Jul 2022 17:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC150

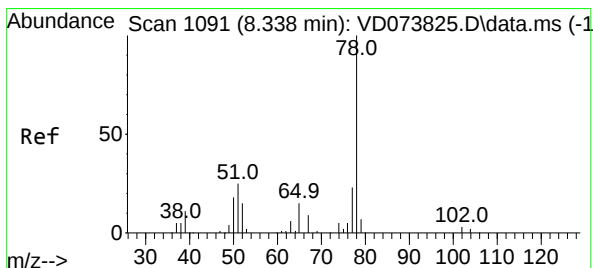
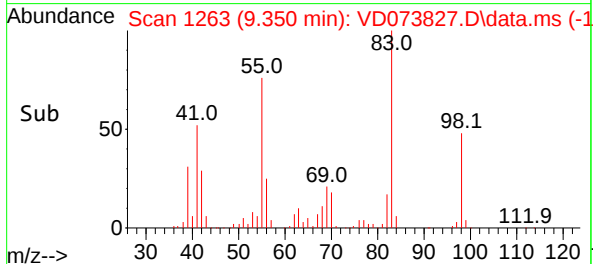
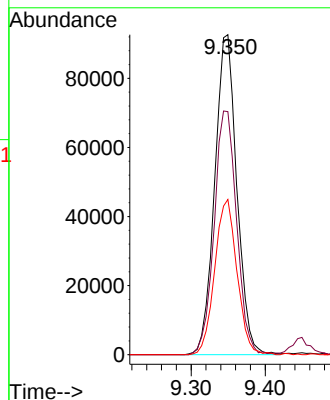
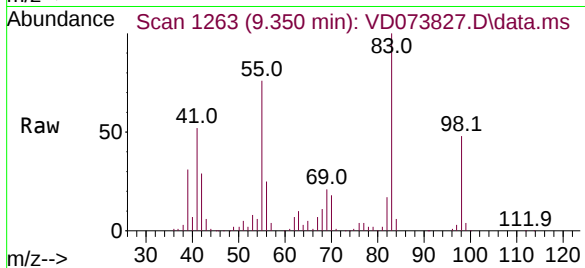
Tgt Ion: 83 Resp: 192136

Ion Ratio Lower Upper

83 100

55 75.9 64.8 97.2

98 48.5 41.0 61.4



#40

Benzene

Concen: 119.529 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. 0.006 min

Lab File: VD073827.D

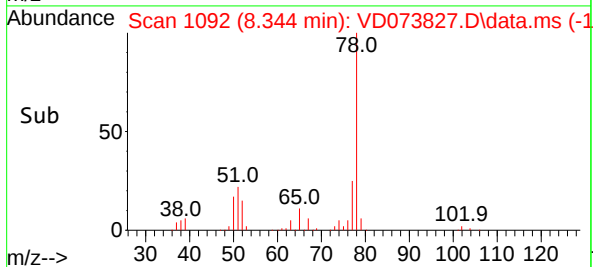
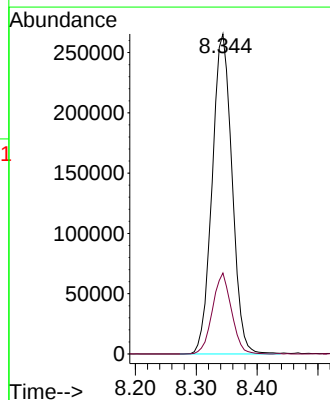
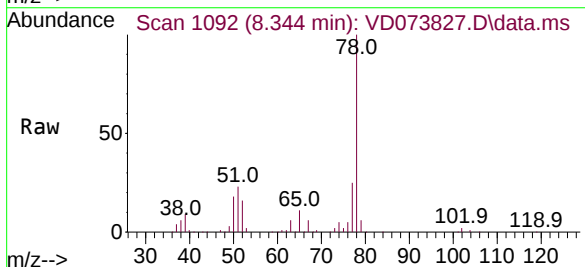
Acq: 11 Jul 2022 17:11

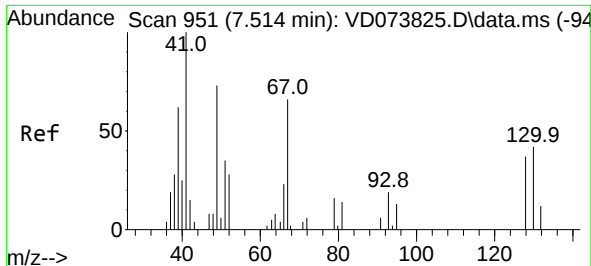
Tgt Ion: 78 Resp: 601497

Ion Ratio Lower Upper

78 100

77 25.3 18.8 28.2

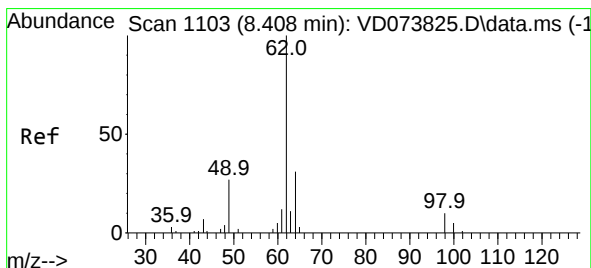
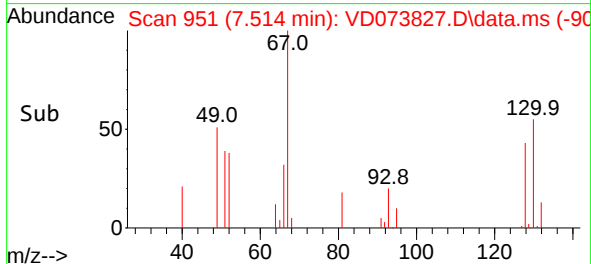
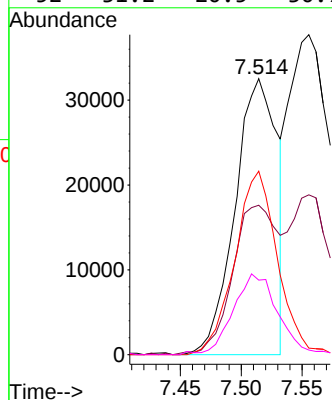
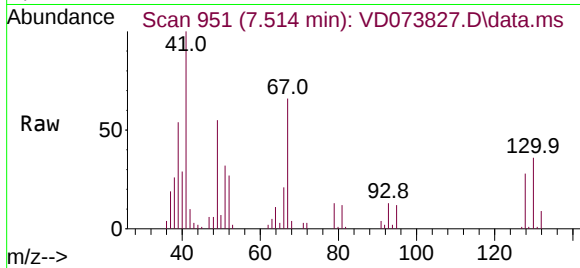




#41
Methacrylonitrile
Concen: 133.779 ug/l
RT: 7.514 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD073827.D
Acq: 11 Jul 2022 17:11

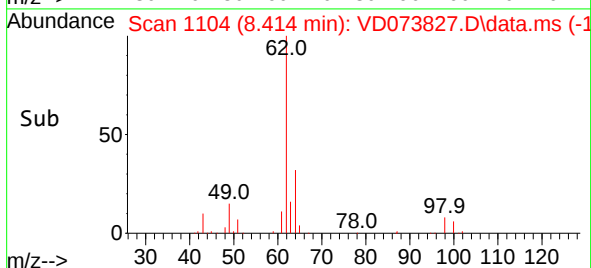
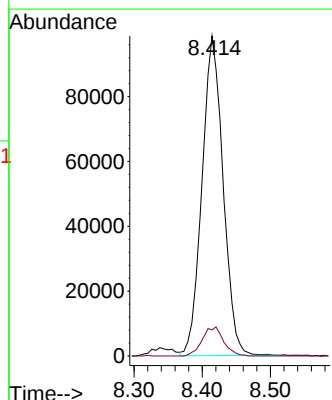
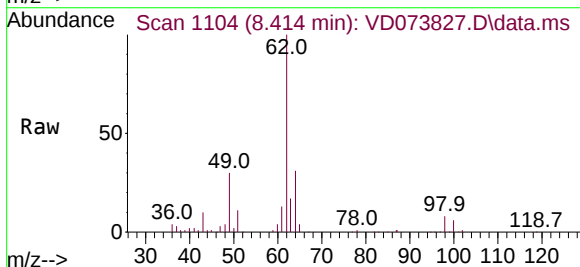
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

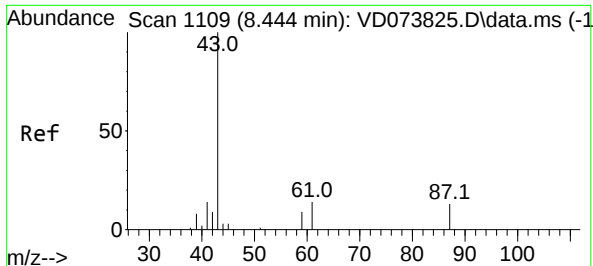
Tgt Ion: 41 Resp: 78409
Ion Ratio Lower Upper
41 100
39 57.7 35.6 53.4#
67 67.0 45.0 67.6
52 31.2 20.5 30.7#



#42
1,2-Dichloroethane
Concen: 122.597 ug/l
RT: 8.414 min Scan# 1104
Delta R.T. 0.006 min
Lab File: VD073827.D
Acq: 11 Jul 2022 17:11

Tgt Ion: 62 Resp: 212421
Ion Ratio Lower Upper
62 100
98 9.2 0.0 16.2

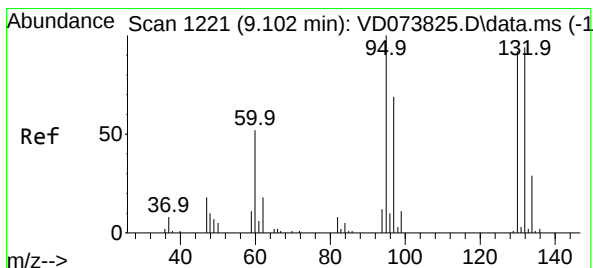
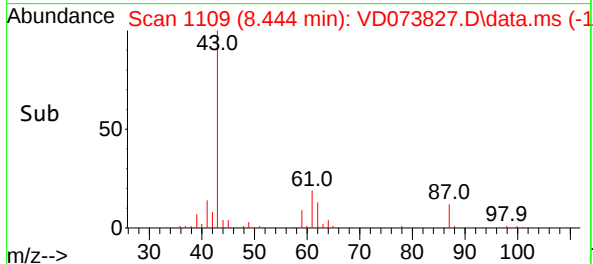
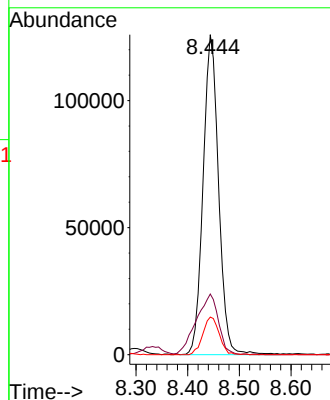
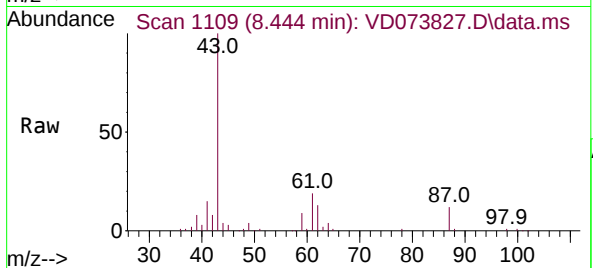




#43
Isopropyl Acetate
Concen: 128.977 ug/l
RT: 8.444 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VD073827.D
Acq: 11 Jul 2022 17:11

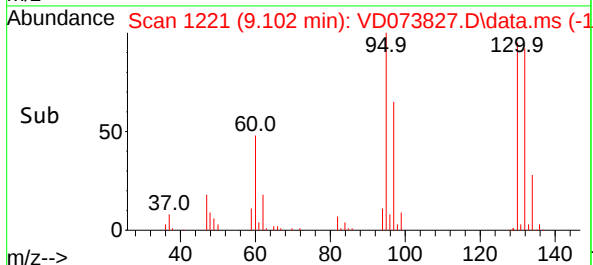
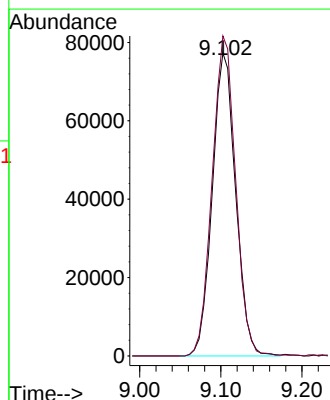
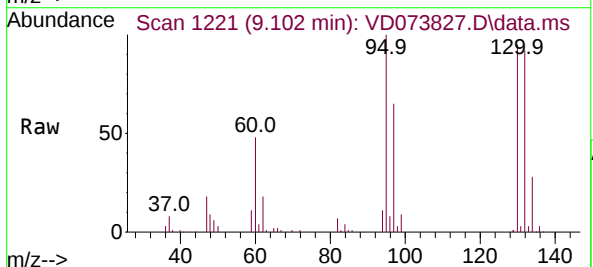
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

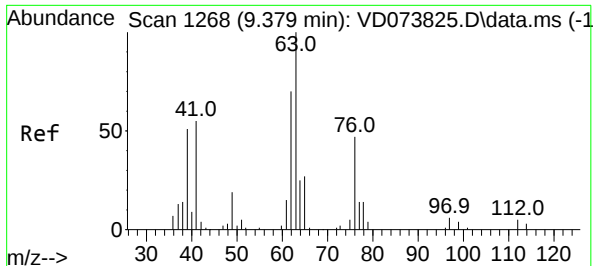
Tgt Ion: 43 Resp: 262554
Ion Ratio Lower Upper
43 100
61 27.2 22.2 33.2
87 12.4 9.7 14.5



#44
Trichloroethene
Concen: 115.502 ug/l
RT: 9.102 min Scan# 1221
Delta R.T. 0.000 min
Lab File: VD073827.D
Acq: 11 Jul 2022 17:11

Tgt Ion:130 Resp: 154602
Ion Ratio Lower Upper
130 100
95 105.6 0.0 217.0





#45

1,2-Dichloropropane

Concen: 125.351 ug/l

RT: 9.379 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD073827.D

Acq: 11 Jul 2022 17:11

Instrument :

MSVOA_D

ClientSampleId :

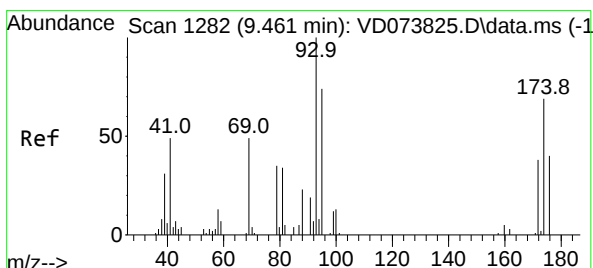
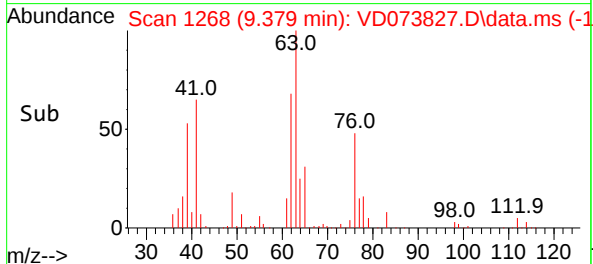
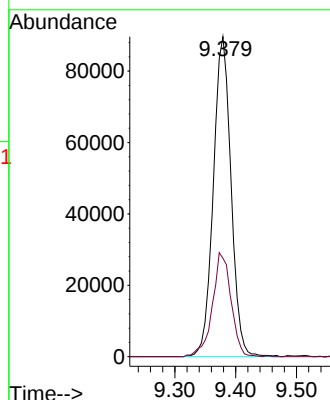
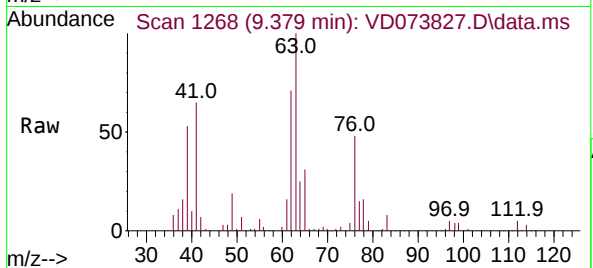
VSTDICC150

Tgt Ion: 63 Resp: 181113

Ion Ratio Lower Upper

63 100

65 30.7 21.7 32.5



#46

Dibromomethane

Concen: 121.541 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. 0.006 min

Lab File: VD073827.D

Acq: 11 Jul 2022 17:11

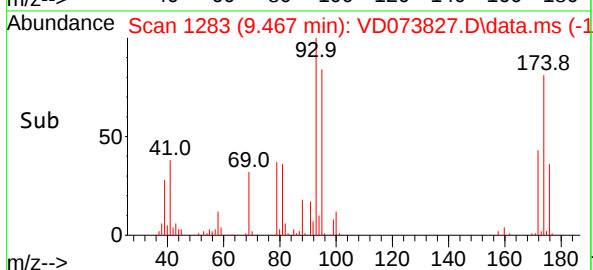
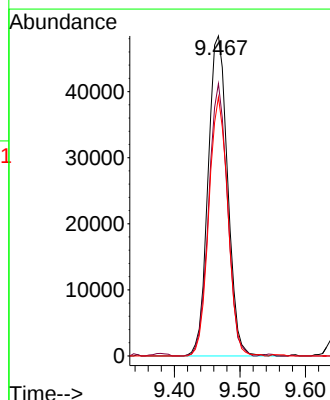
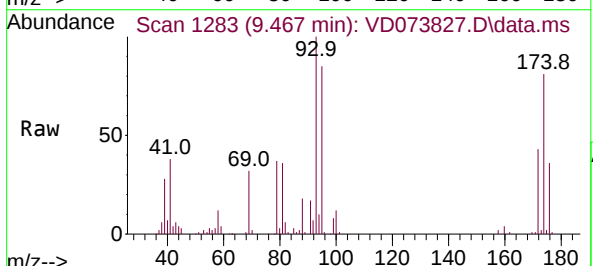
Tgt Ion: 93 Resp: 100556

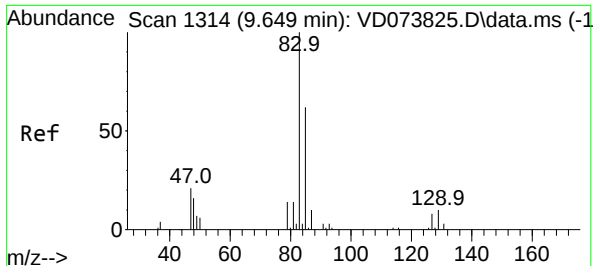
Ion Ratio Lower Upper

93 100

95 81.8 61.8 92.6

174 78.3 58.7 88.1

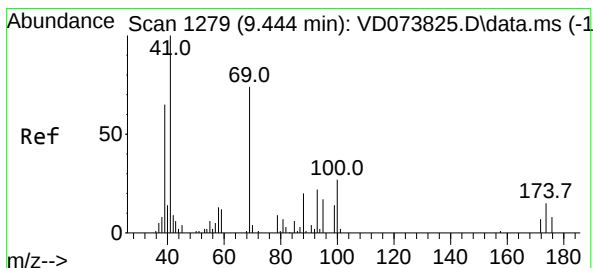
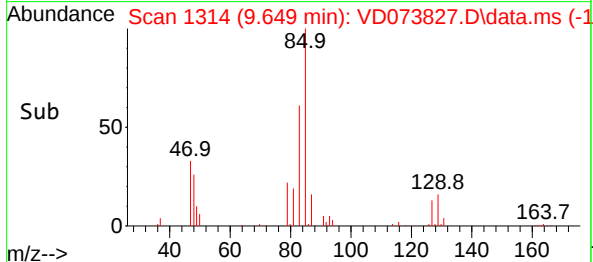
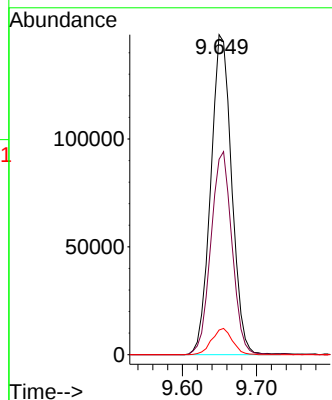
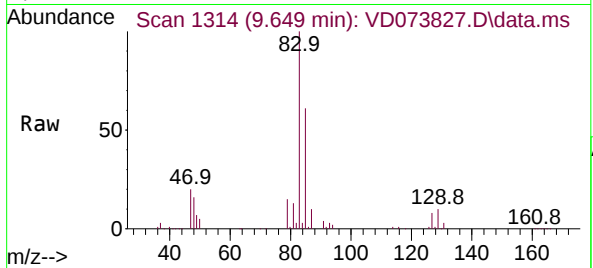




#47
Bromodichloromethane
Concen: 129.245 ug/l
RT: 9.649 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073827.D
Acq: 11 Jul 2022 17:11

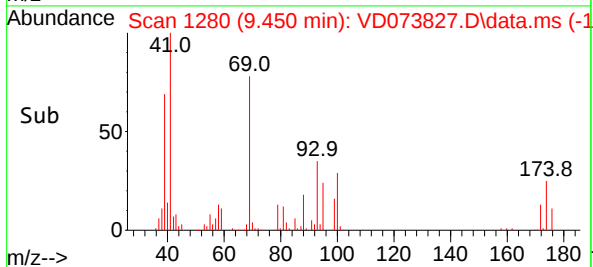
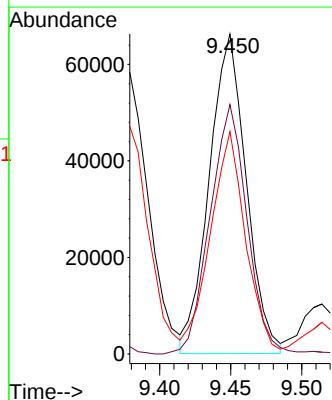
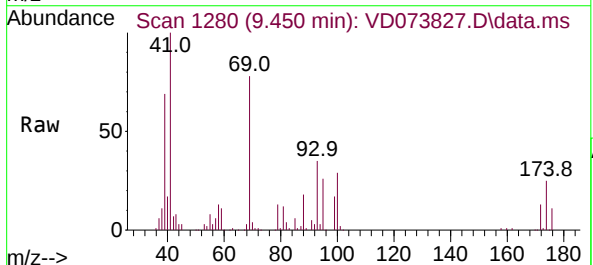
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

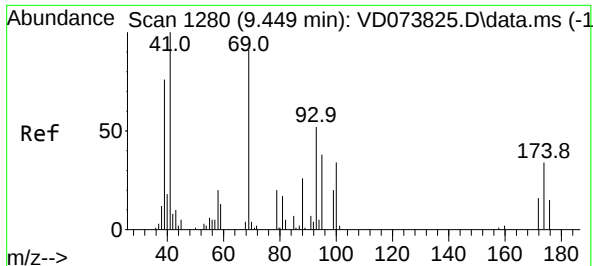
Tgt Ion: 83 Resp: 291274
Ion Ratio Lower Upper
83 100
85 61.1 50.0 75.0
127 7.7 6.2 9.2



#48
Methyl methacrylate
Concen: 128.899 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. 0.006 min
Lab File: VD073827.D
Acq: 11 Jul 2022 17:11

Tgt Ion: 41 Resp: 119709
Ion Ratio Lower Upper
41 100
69 78.9 63.4 95.2
39 66.7 55.6 83.4





#49

1,4-Dioxane

Concen: 2635.951 ug/l

RT: 9.455 min Scan# 1281

Delta R.T. 0.006 min

Lab File: VD073827.D

Acq: 11 Jul 2022 17:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

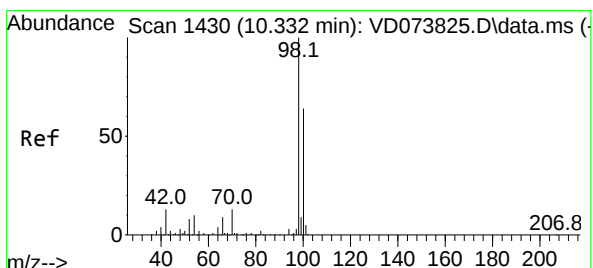
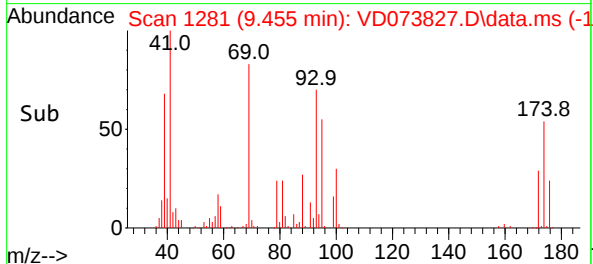
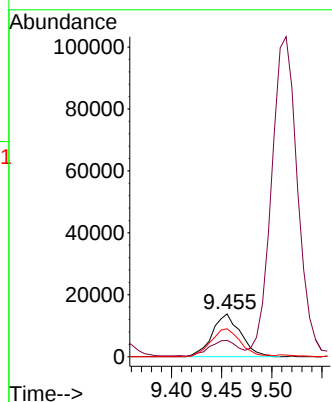
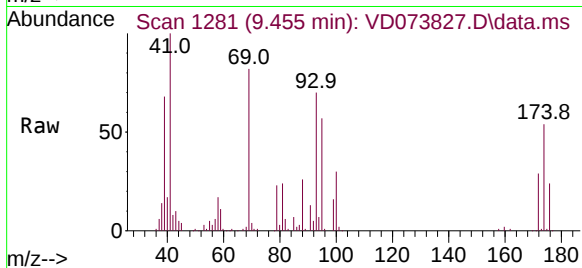
Tgt Ion: 88 Resp: 27056

Ion Ratio Lower Upper

88 100

43 37.6 34.2 51.4

58 68.4 54.8 82.2



#50

Toluene-d8

Concen: 143.899 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VD073827.D

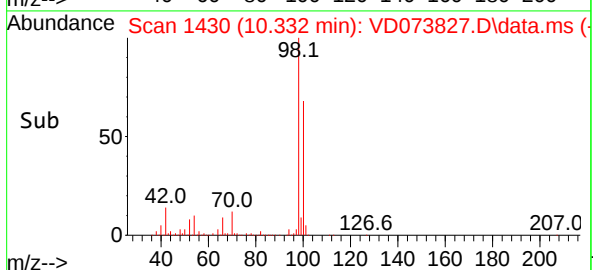
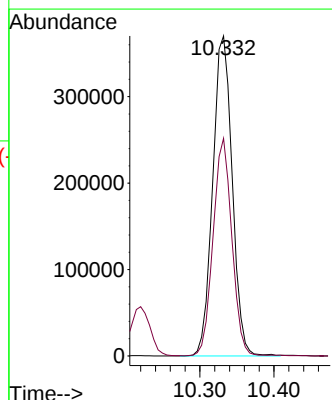
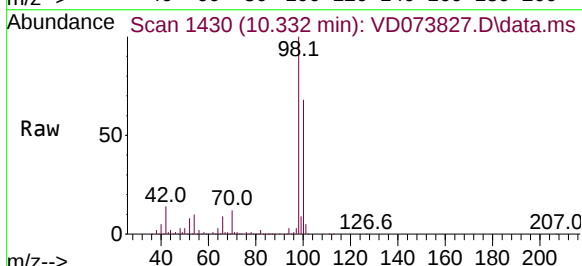
Acq: 11 Jul 2022 17:11

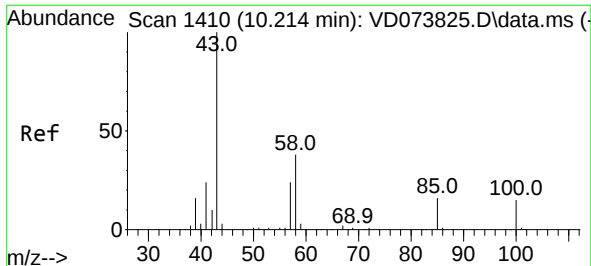
Tgt Ion: 98 Resp: 675502

Ion Ratio Lower Upper

98 100

100 65.7 52.9 79.3





#51

4-Methyl-2-Pentanone

Concen: 667.256 ug/l

RT: 10.220 min Scan# 1411

Delta R.T. 0.006 min

Lab File: VD073827.D

Acq: 11 Jul 2022 17:11

Instrument :

MSVOA_D

ClientSampleId :

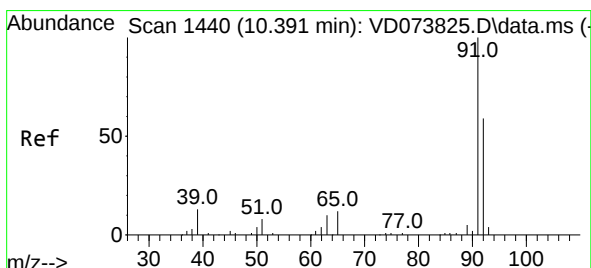
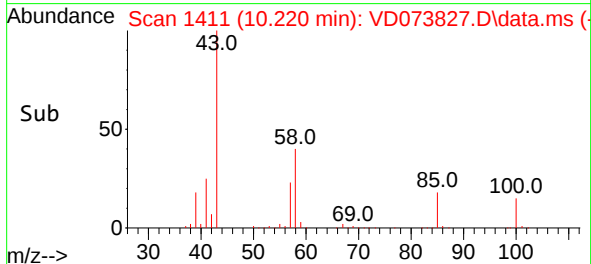
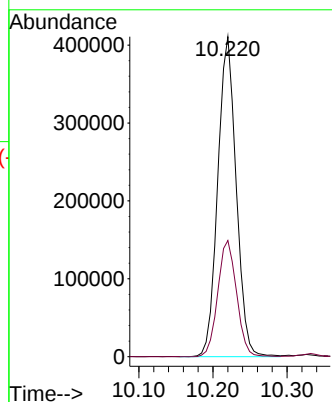
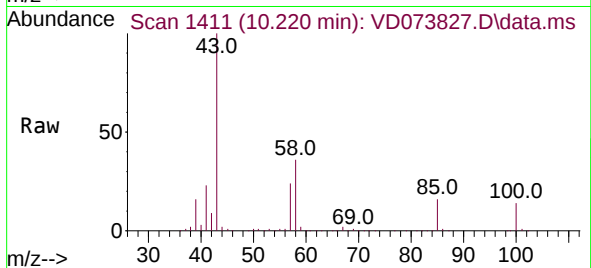
VSTDIC150

Tgt Ion: 43 Resp: 709009

Ion Ratio Lower Upper

43 100

58 37.1 29.3 43.9



#52

Toluene

Concen: 125.374 ug/l

RT: 10.397 min Scan# 1441

Delta R.T. 0.006 min

Lab File: VD073827.D

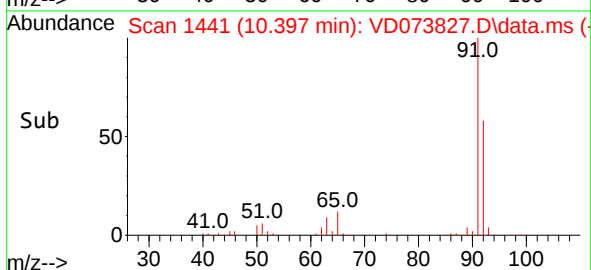
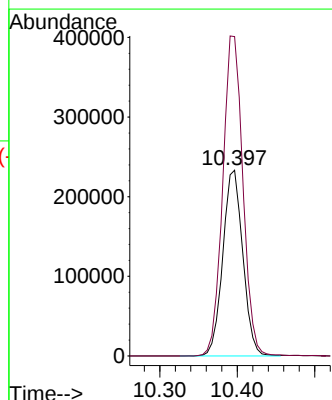
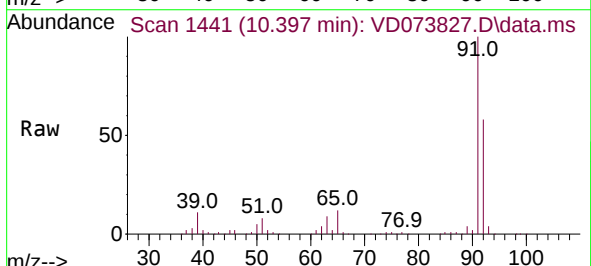
Acq: 11 Jul 2022 17:11

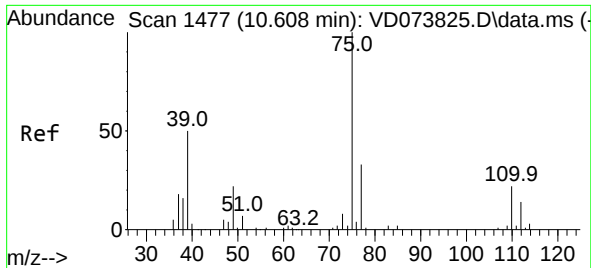
Tgt Ion: 92 Resp: 418503

Ion Ratio Lower Upper

92 100

91 173.9 138.4 207.6

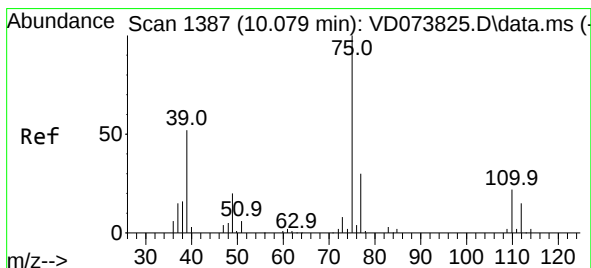
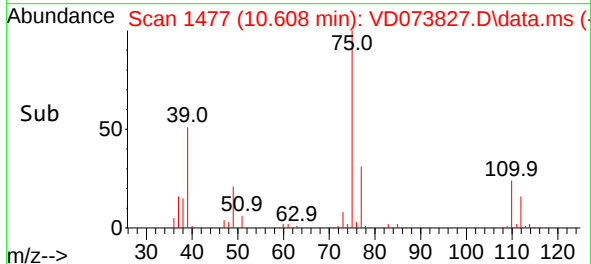
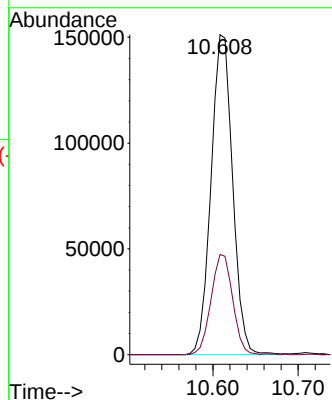
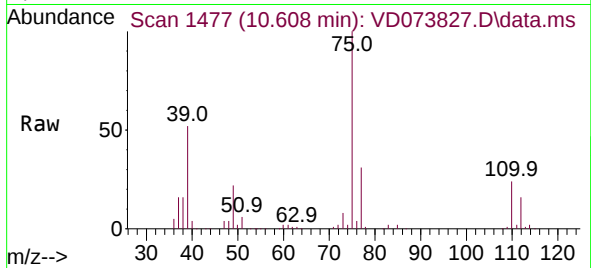




#53
t-1,3-Dichloropropene
Concen: 128.231 ug/l
RT: 10.608 min Scan# 1477
Delta R.T. 0.000 min
Lab File: VD073827.D
Acq: 11 Jul 2022 17:11

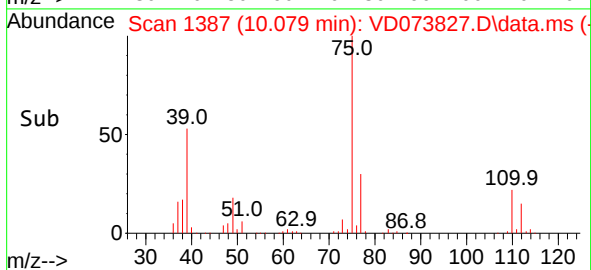
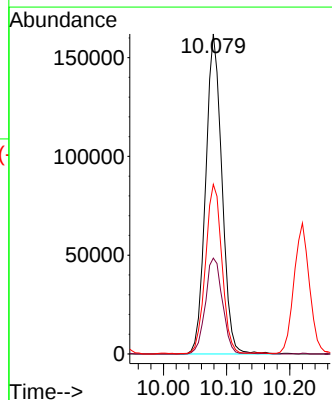
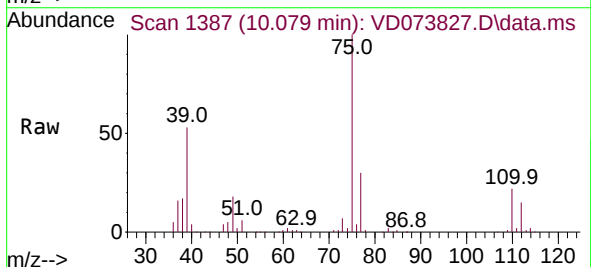
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

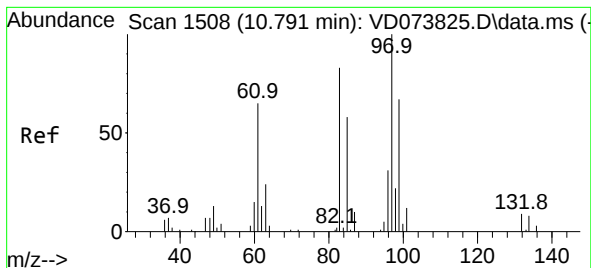
Tgt Ion: 75 Resp: 265831
Ion Ratio Lower Upper
75 100
77 31.3 26.4 39.6



#54
cis-1,3-Dichloropropene
Concen: 126.235 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VD073827.D
Acq: 11 Jul 2022 17:11

Tgt Ion: 75 Resp: 290216
Ion Ratio Lower Upper
75 100
77 30.0 24.2 36.4
39 52.8 41.4 62.2





#55

1,1,2-Trichloroethane

Concen: 133.415 ug/l

RT: 10.791 min Scan# 1508

Delta R.T. 0.000 min

Lab File: VD073827.D

Acq: 11 Jul 2022 17:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tgt Ion: 97 Resp: 154471

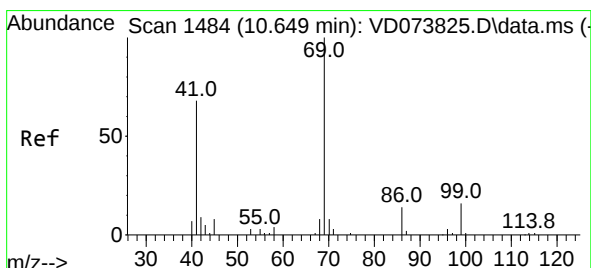
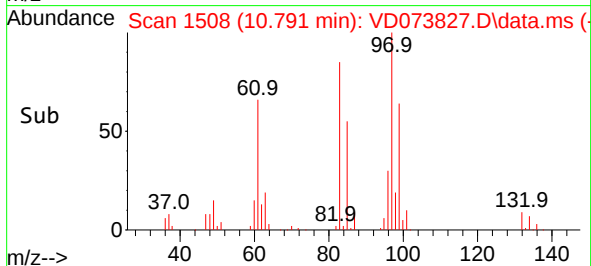
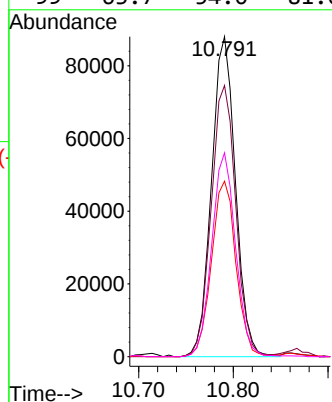
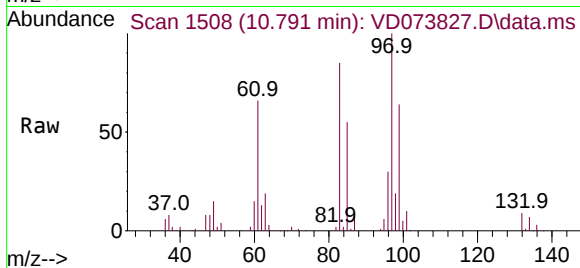
Ion Ratio Lower Upper

97 100

83 84.7 66.8 100.2

85 54.8 46.6 69.8

99 63.7 54.0 81.0



#56

Ethyl methacrylate

Concen: 136.425 ug/l

RT: 10.649 min Scan# 1484

Delta R.T. 0.000 min

Lab File: VD073827.D

Acq: 11 Jul 2022 17:11

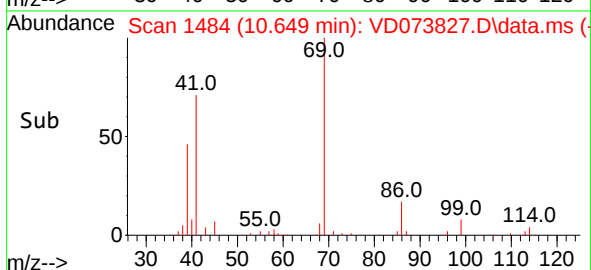
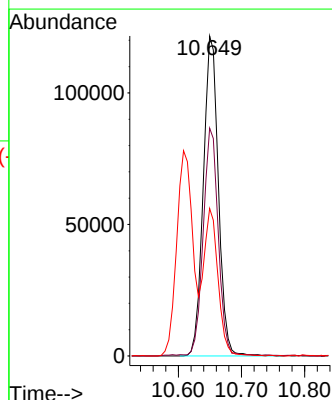
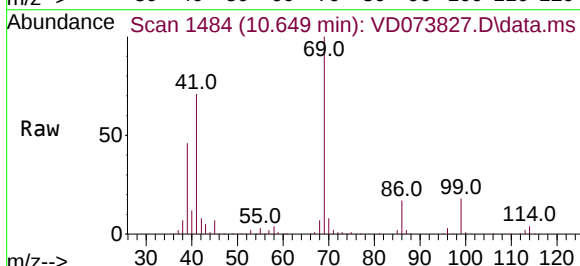
Tgt Ion: 69 Resp: 201623

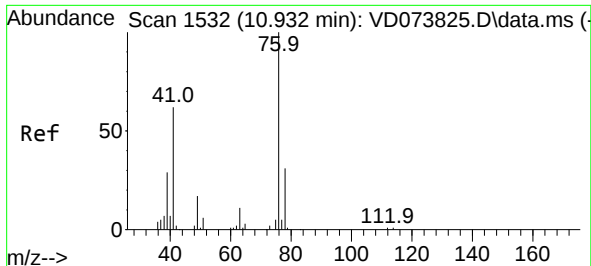
Ion Ratio Lower Upper

69 100

41 71.9 55.3 82.9

39 43.7 35.9 53.9

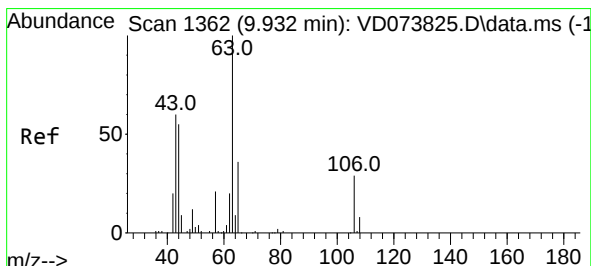
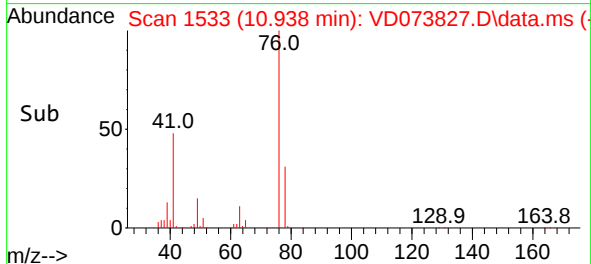
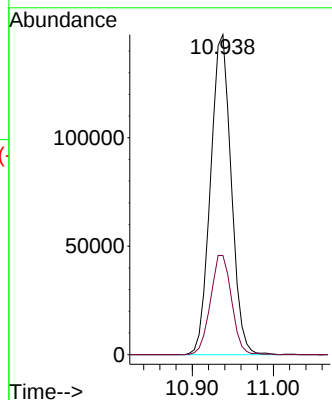
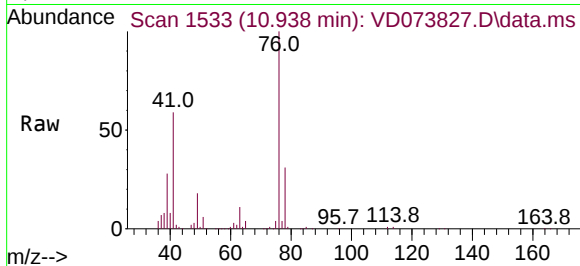




#57
1,3-Dichloropropane
Concen: 130.571 ug/l
RT: 10.938 min Scan# 1532
Delta R.T. 0.006 min
Lab File: VD073827.D
Acq: 11 Jul 2022 17:11

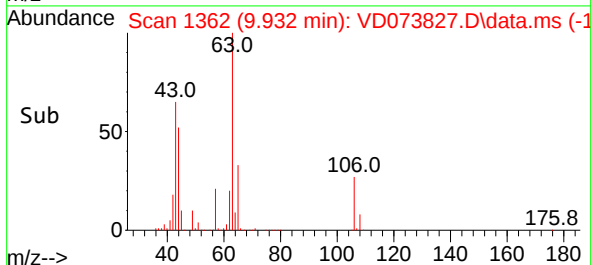
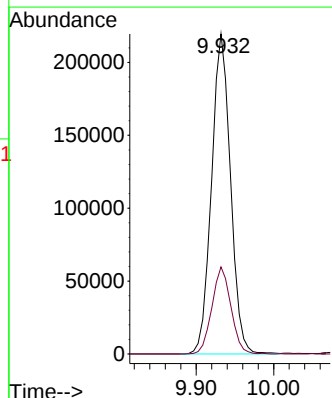
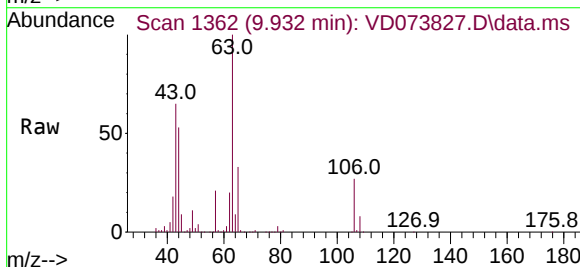
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

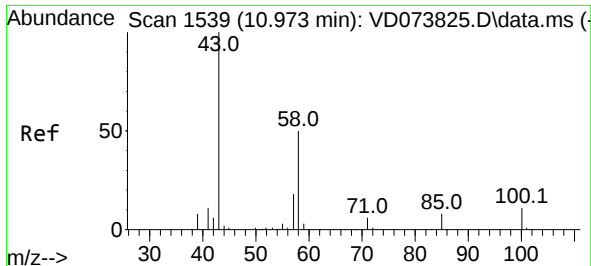
Tgt Ion: 76 Resp: 260995
Ion Ratio Lower Upper
76 100
78 31.8 26.0 39.0



#58
2-Chloroethyl Vinyl ether
Concen: 641.972 ug/l
RT: 9.932 min Scan# 1362
Delta R.T. 0.000 min
Lab File: VD073827.D
Acq: 11 Jul 2022 17:11

Tgt Ion: 63 Resp: 373155
Ion Ratio Lower Upper
63 100
106 27.2 21.3 31.9

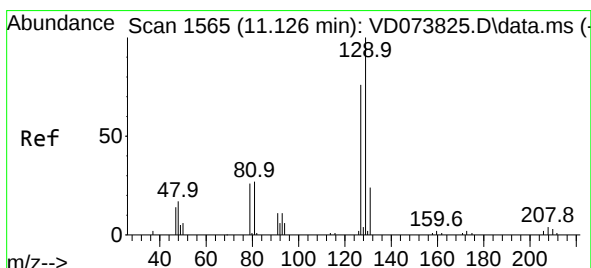
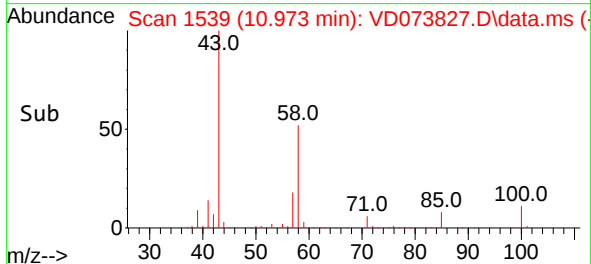
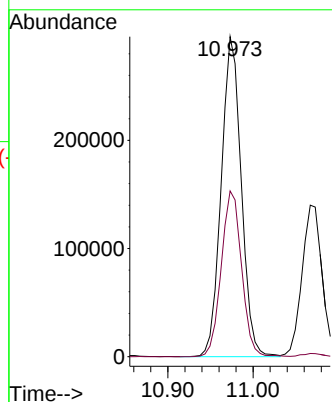
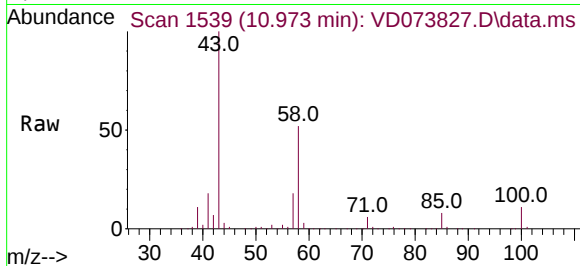




#59
2-Hexanone
Concen: 676.948 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VD073827.D
Acq: 11 Jul 2022 17:11

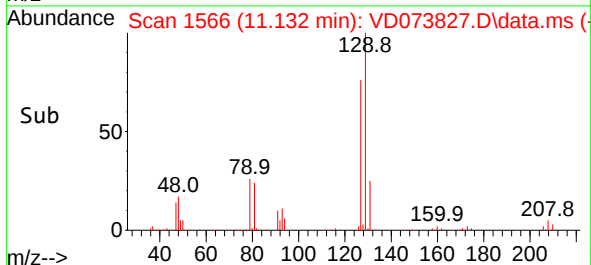
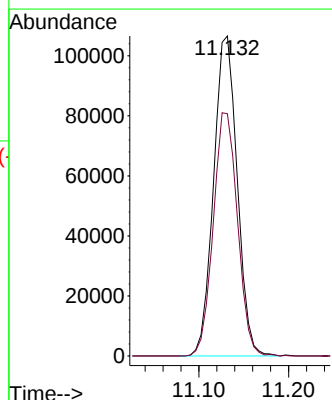
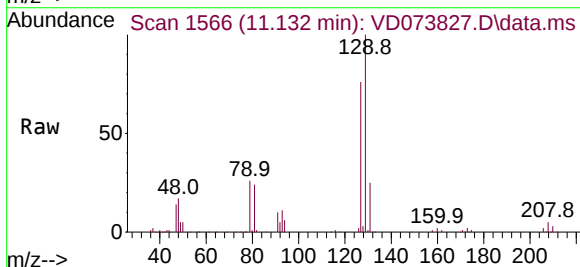
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

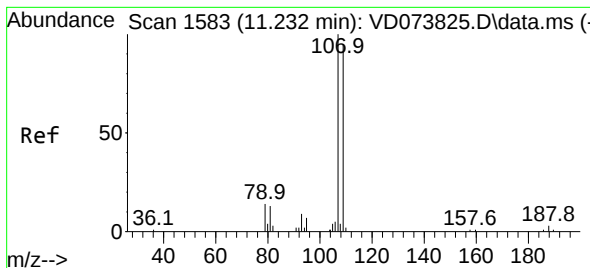
Tgt Ion: 43 Resp: 482977
Ion Ratio Lower Upper
43 100
58 52.5 25.3 75.9



#60
Dibromochloromethane
Concen: 135.816 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. 0.006 min
Lab File: VD073827.D
Acq: 11 Jul 2022 17:11

Tgt Ion: 129 Resp: 194873
Ion Ratio Lower Upper
129 100
127 78.0 38.7 116.1





#61

1,2-Dibromoethane

Concen: 130.373 ug/l

RT: 11.238 min Scan# 1583

Delta R.T. 0.006 min

Lab File: VD073827.D

Acq: 11 Jul 2022 17:11

Instrument :

MSVOA_D

ClientSampleId :

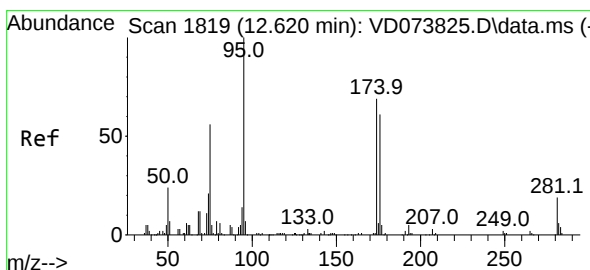
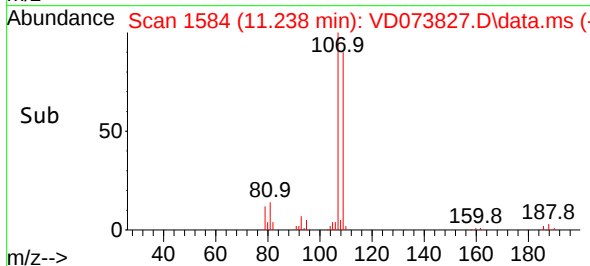
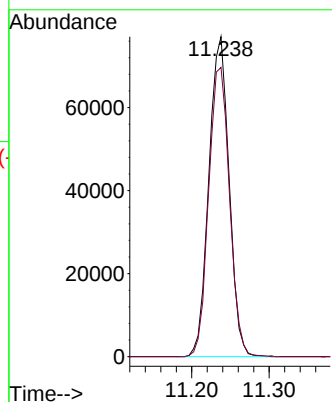
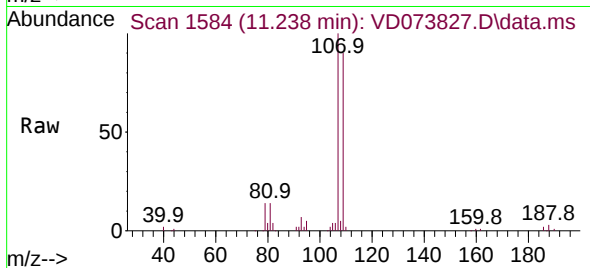
VSTDIC150

Tgt Ion:107 Resp: 139524

Ion Ratio Lower Upper

107 100

109 93.5 73.2 109.8



#62

4-Bromofluorobenzene

Concen: 171.216 ug/l

RT: 12.620 min Scan# 1819

Delta R.T. 0.000 min

Lab File: VD073827.D

Acq: 11 Jul 2022 17:11

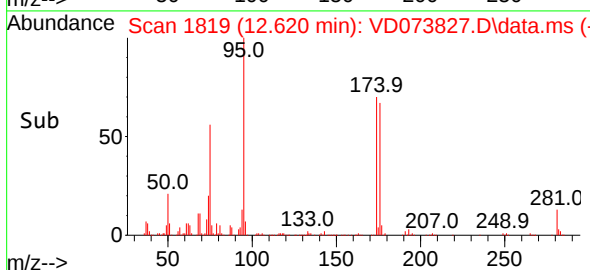
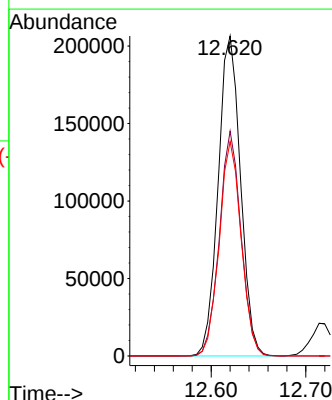
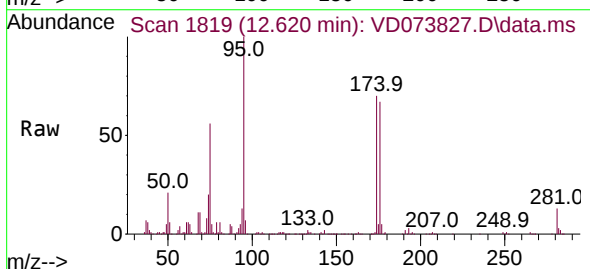
Tgt Ion: 95 Resp: 338749

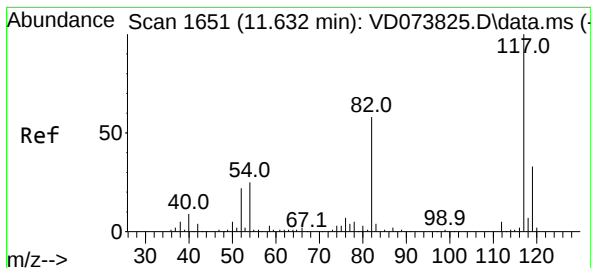
Ion Ratio Lower Upper

95 100

174 68.2 0.0 131.8

176 65.6 0.0 124.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.632 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD073827.D

Acq: 11 Jul 2022 17:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

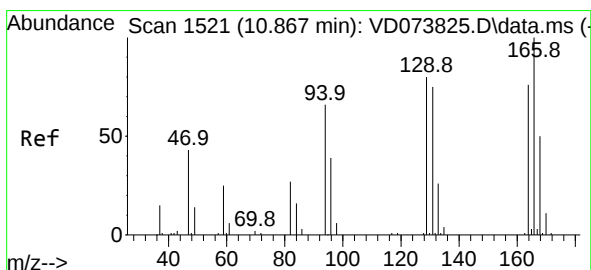
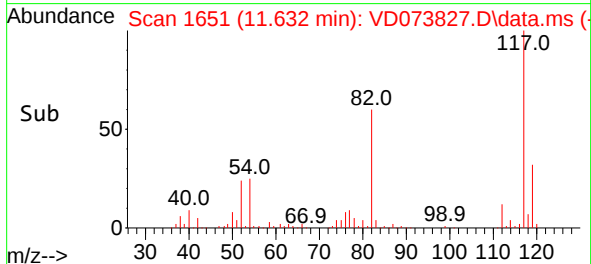
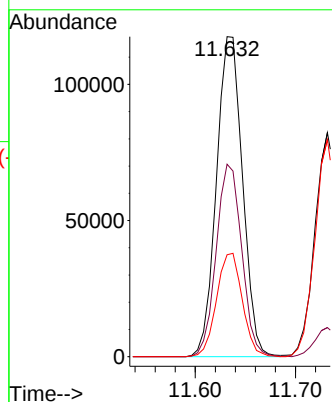
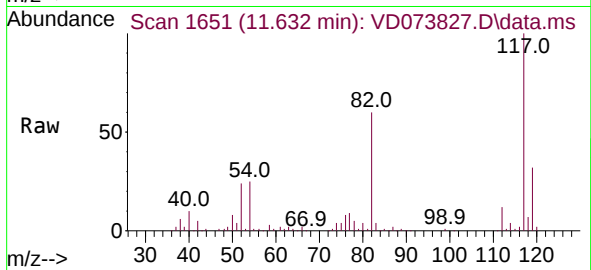
Tgt Ion:117 Resp: 212726

Ion Ratio Lower Upper

117 100

82 60.1 46.6 69.8

119 31.8 26.1 39.1



#64

Tetrachloroethene

Concen: 106.906 ug/l

RT: 10.867 min Scan# 1521

Delta R.T. 0.000 min

Lab File: VD073827.D

Acq: 11 Jul 2022 17:11

Tgt Ion:164 Resp: 112715

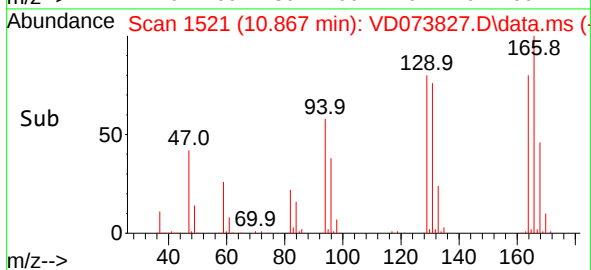
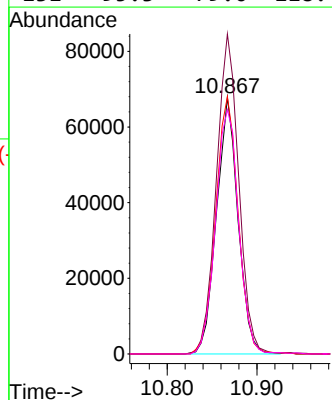
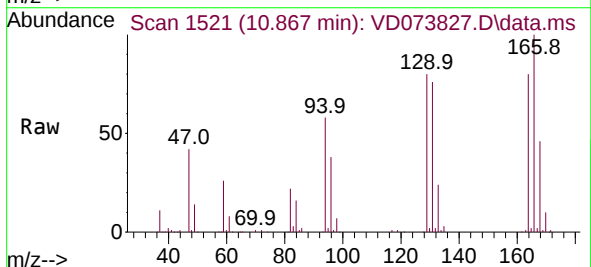
Ion Ratio Lower Upper

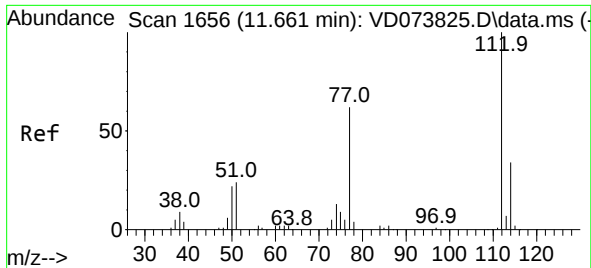
164 100

166 124.9 105.0 157.6

129 100.5 83.8 125.8

131 95.3 79.0 118.4

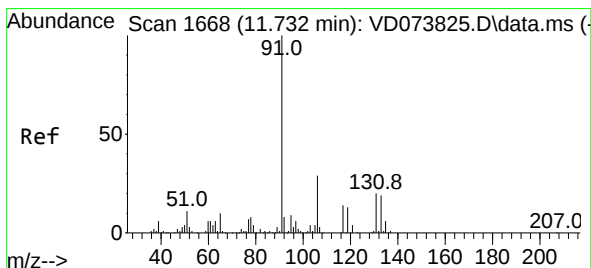
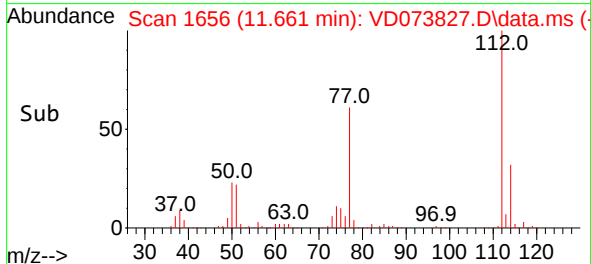
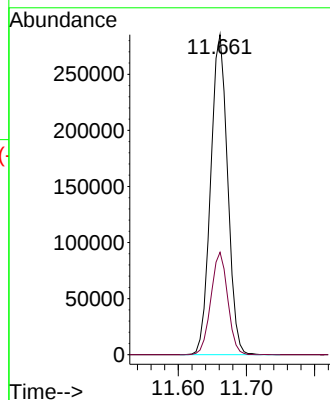
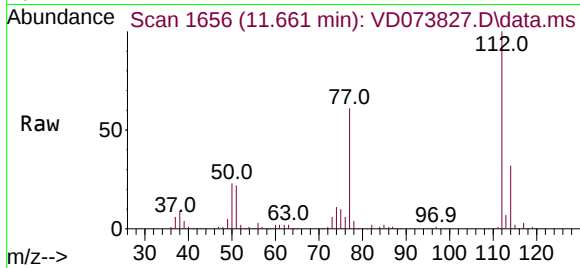




#65
Chlorobenzene
Concen: 123.441 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD073827.D
Acq: 11 Jul 2022 17:11

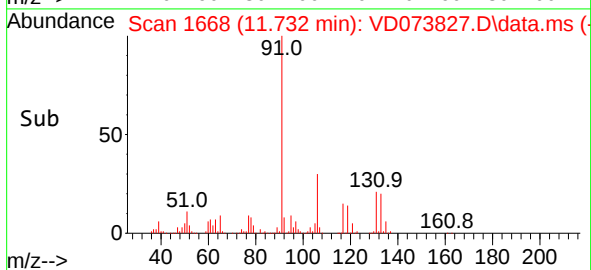
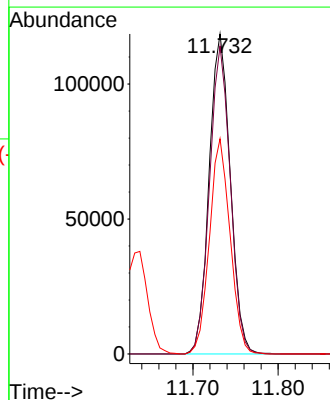
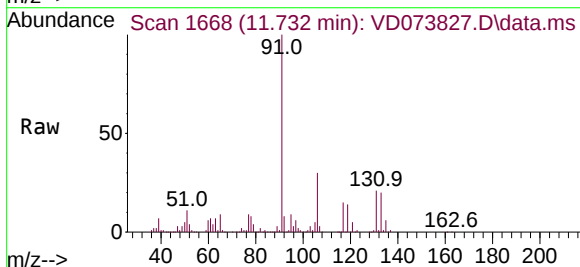
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

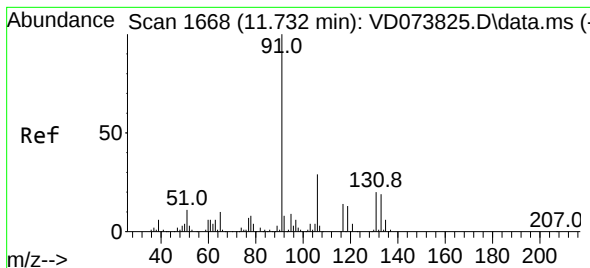
Tgt Ion:112 Resp: 492956
Ion Ratio Lower Upper
112 100
114 32.0 27.1 40.7



#66
1,1,1,2-Tetrachloroethane
Concen: 132.085 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. 0.000 min
Lab File: VD073827.D
Acq: 11 Jul 2022 17:11

Tgt Ion:131 Resp: 203840
Ion Ratio Lower Upper
131 100
133 95.0 47.0 141.0
119 65.8 32.6 98.0





#67

Ethyl Benzene

Concen: 126.061 ug/l

RT: 11.732 min Scan# 1668

Delta R.T. 0.000 min

Lab File: VD073827.D

Acq: 11 Jul 2022 17:11

Instrument :

MSVOA_D

ClientSampleId :

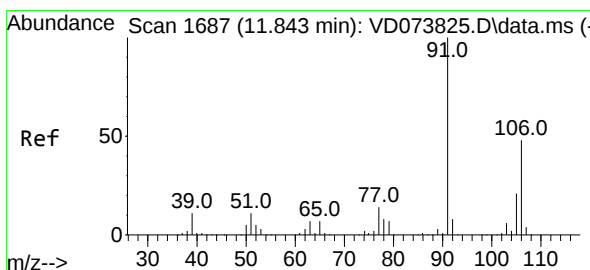
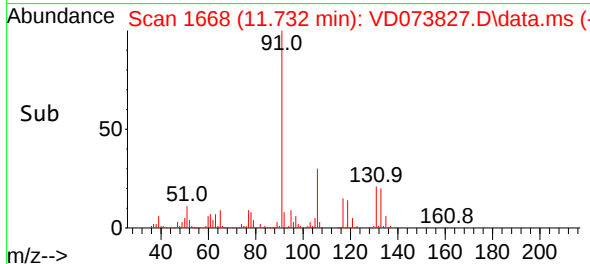
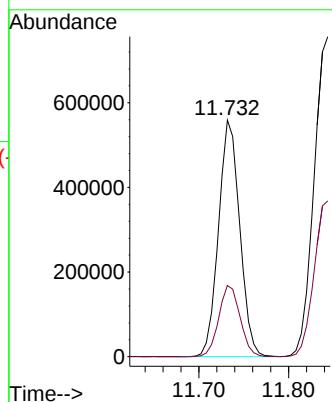
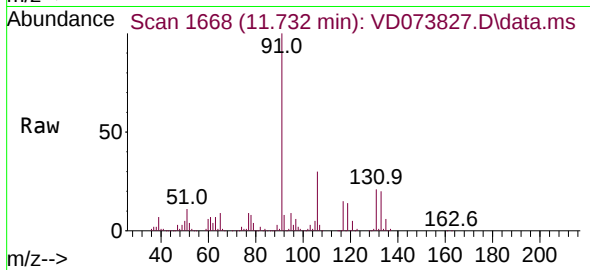
VSTDIC150

Tgt Ion: 91 Resp: 917440

Ion Ratio Lower Upper

91 100

106 30.1 23.2 34.8



#68

m/p-Xylenes

Concen: 253.558 ug/l

RT: 11.844 min Scan# 1687

Delta R.T. 0.000 min

Lab File: VD073827.D

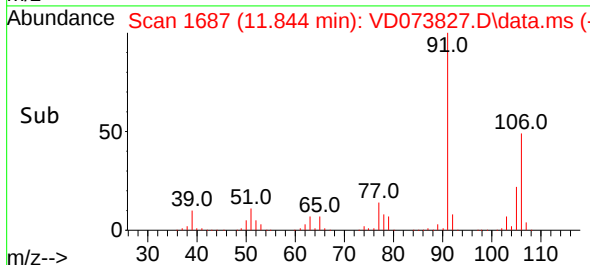
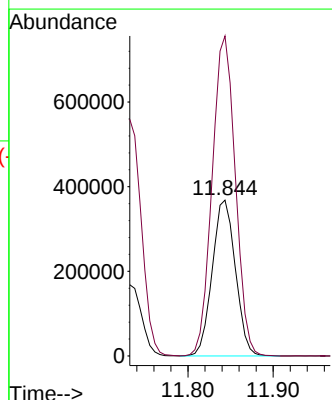
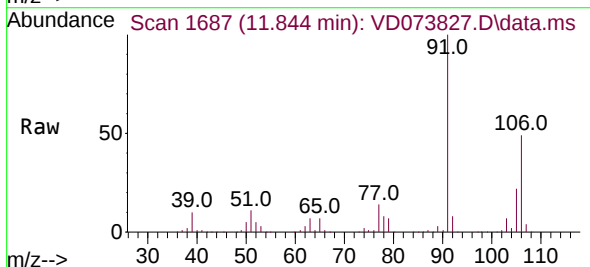
Acq: 11 Jul 2022 17:11

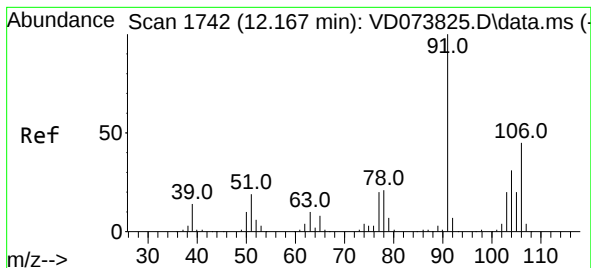
Tgt Ion:106 Resp: 696033

Ion Ratio Lower Upper

106 100

91 205.6 167.0 250.4

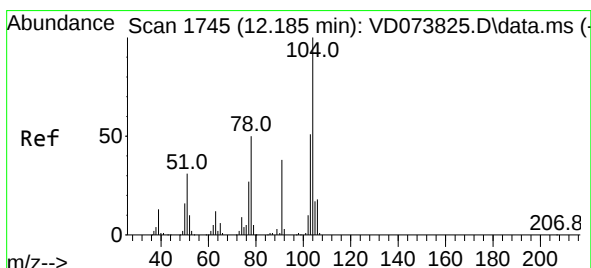
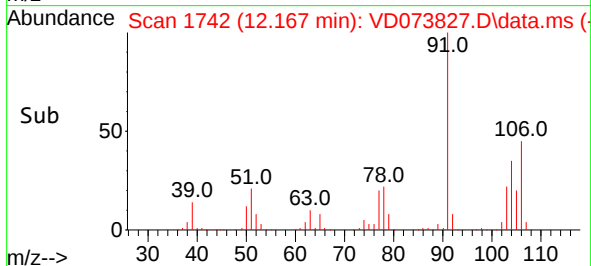
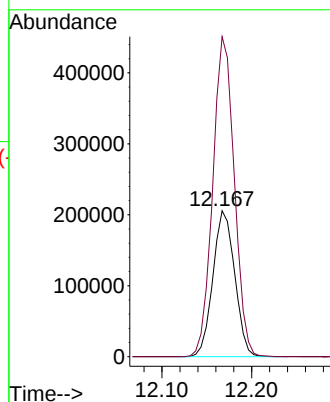
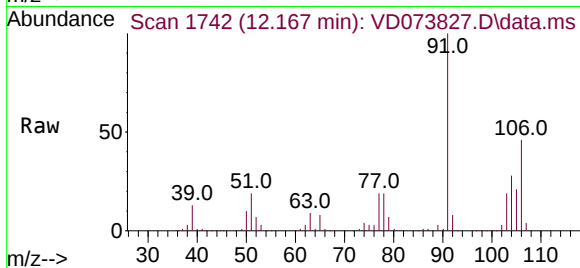




#69
o-Xylene
Concen: 131.225 ug/l
RT: 12.167 min Scan# 1742
Delta R.T. 0.000 min
Lab File: VD073827.D
Acq: 11 Jul 2022 17:11

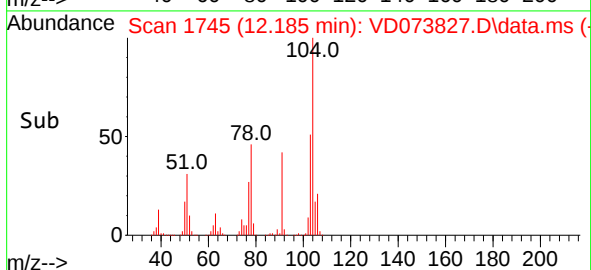
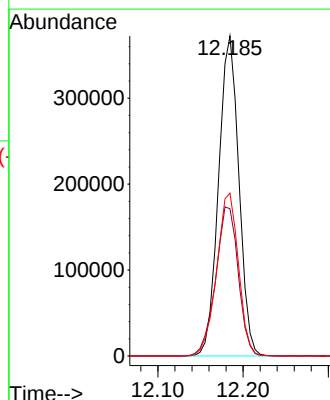
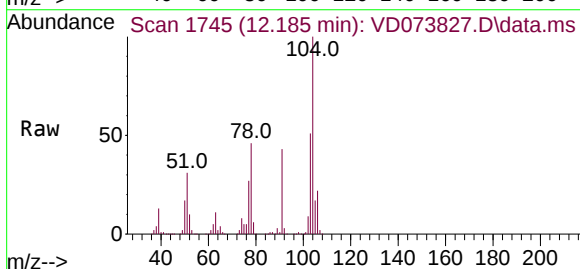
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150

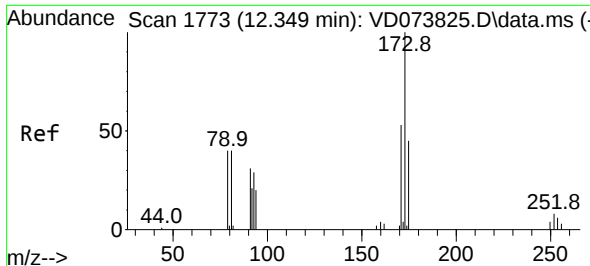
Tgt Ion:106 Resp: 347079
Ion Ratio Lower Upper
106 100
91 216.7 110.4 331.2



#70
Styrene
Concen: 133.353 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. 0.000 min
Lab File: VD073827.D
Acq: 11 Jul 2022 17:11

Tgt Ion:104 Resp: 617437
Ion Ratio Lower Upper
104 100
78 51.7 42.8 64.2
103 54.7 44.5 66.7

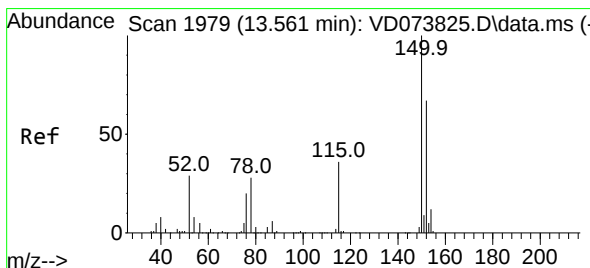
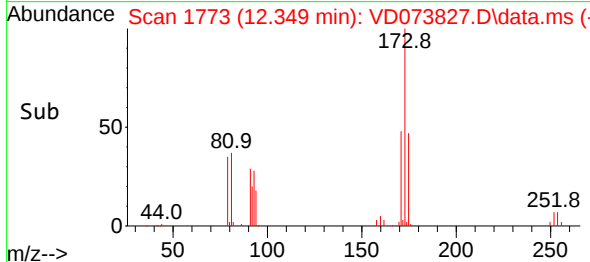
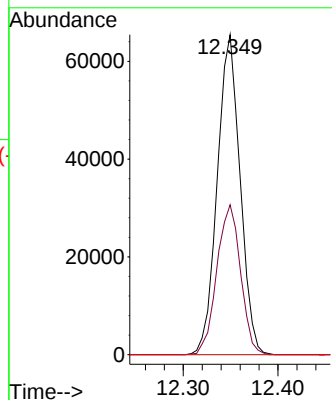
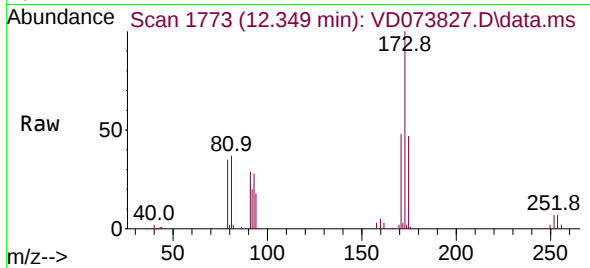




#71
Bromoform
Concen: 139.514 ug/l
RT: 12.349 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VD073827.D
Acq: 11 Jul 2022 17:11

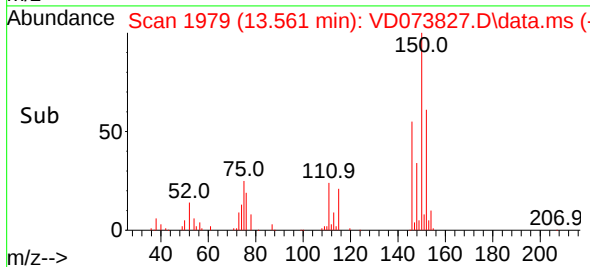
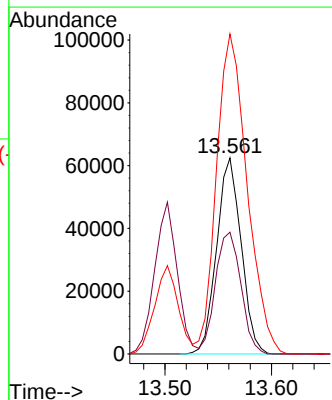
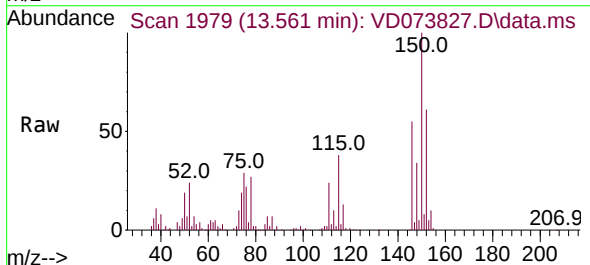
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

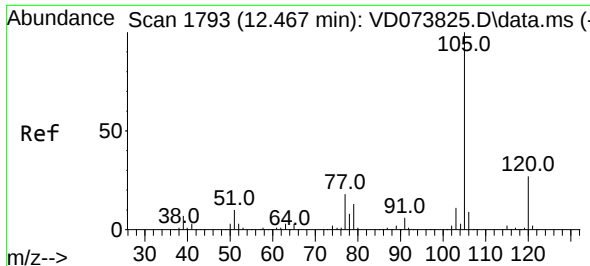
Tgt Ion:173 Resp: 109643
Ion Ratio Lower Upper
173 100
175 48.6 23.4 70.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073827.D
Acq: 11 Jul 2022 17:11

Tgt Ion:152 Resp: 99684
Ion Ratio Lower Upper
152 100
115 64.5 33.5 100.5
150 204.5 0.0 343.2

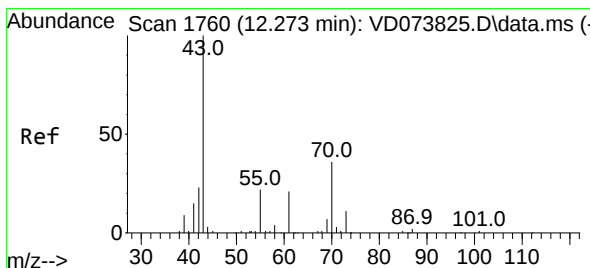
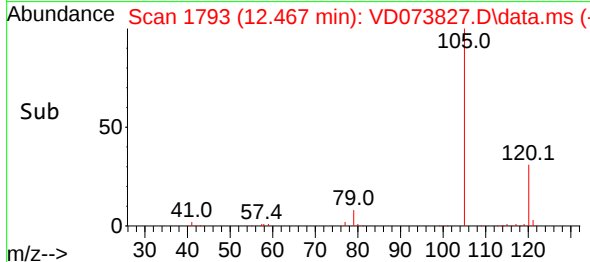
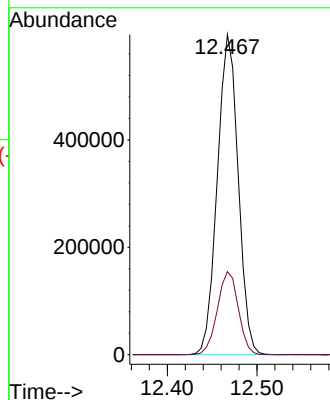
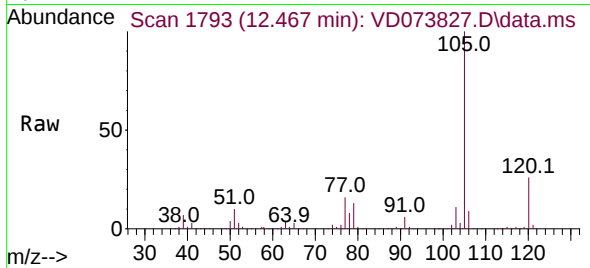




#73
Isopropylbenzene
Concen: 126.949 ug/l
RT: 12.467 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073827.D
Acq: 11 Jul 2022 17:11

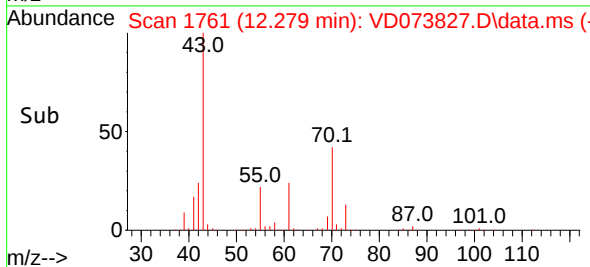
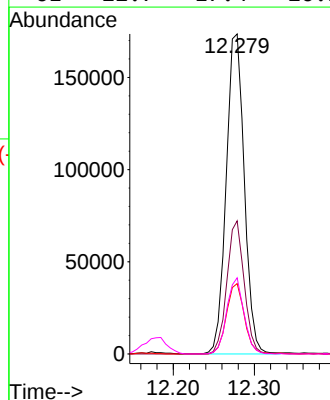
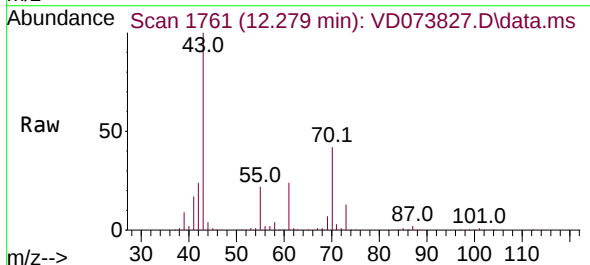
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

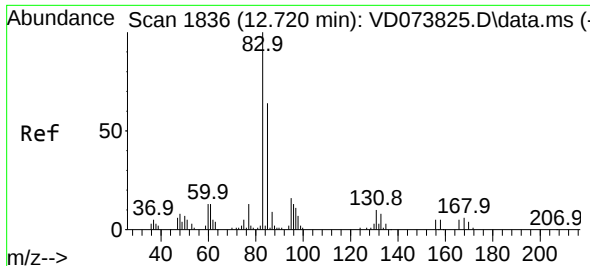
Tgt Ion:105 Resp: 962290
Ion Ratio Lower Upper
105 100
120 26.0 13.2 39.5



#74
N-ethyl acetate
Concen: 126.707 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. 0.006 min
Lab File: VD073827.D
Acq: 11 Jul 2022 17:11

Tgt Ion: 43 Resp: 269511
Ion Ratio Lower Upper
43 100
70 39.8 30.0 45.0
55 21.7 17.4 26.0
61 22.7 17.4 26.2

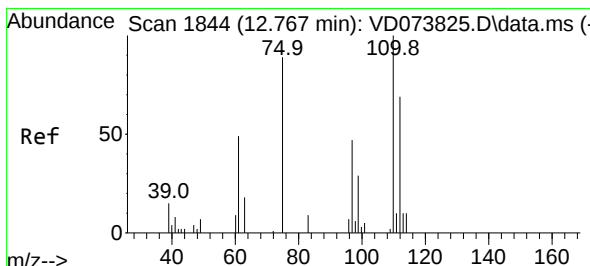
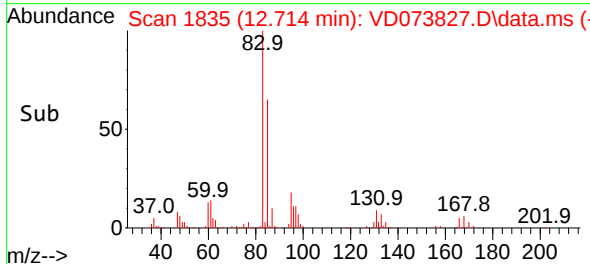
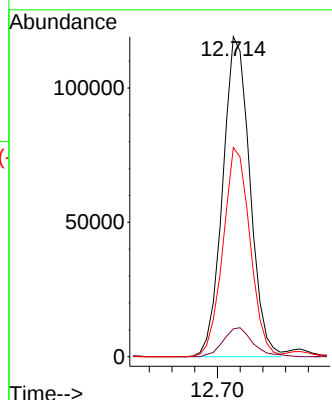
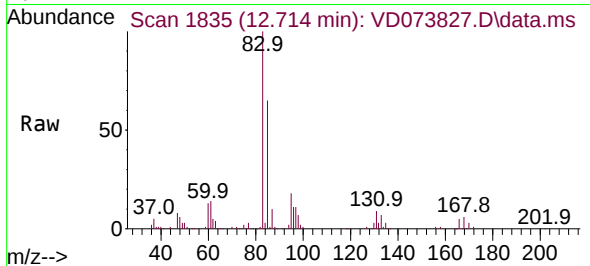




#75
1,1,2,2-Tetrachloroethane
Concen: 126.256 ug/l
RT: 12.714 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VD073827.D
Acq: 11 Jul 2022 17:11

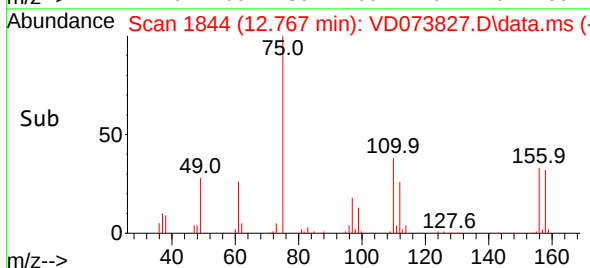
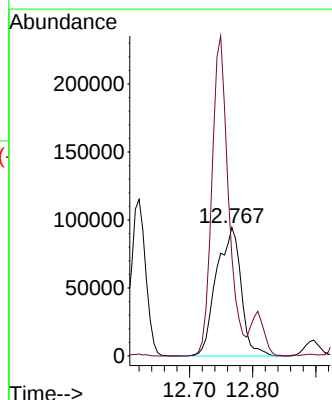
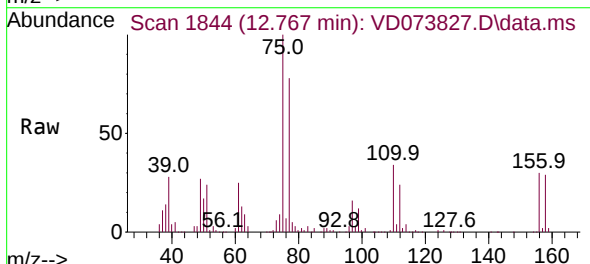
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

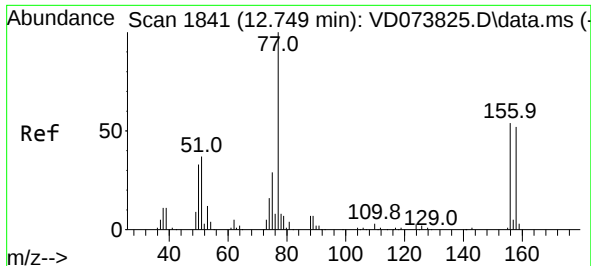
Tgt Ion: 83 Resp: 197887
Ion Ratio Lower Upper
83 100
131 9.9 5.1 15.2
85 65.2 32.5 97.4



#76
1,2,3-Trichloropropane
Concen: 229.228 ug/l
RT: 12.767 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VD073827.D
Acq: 11 Jul 2022 17:11

Tgt Ion: 75 Resp: 256837
Ion Ratio Lower Upper
75 100
77 167.5 138.0 414.0

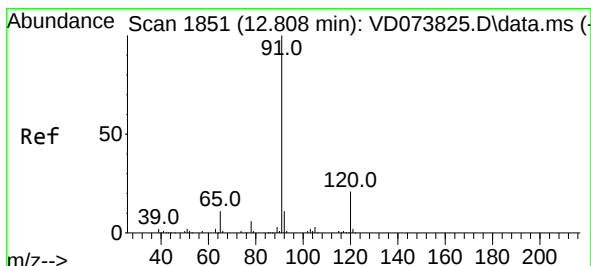
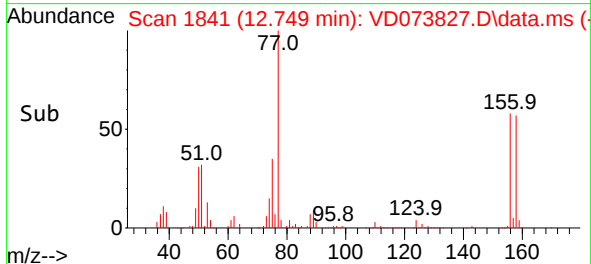
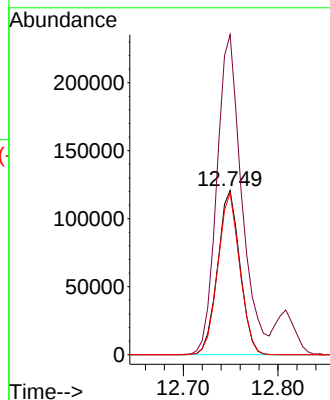
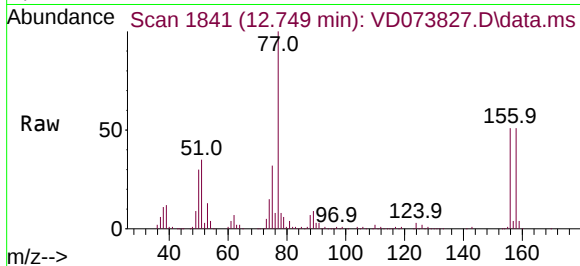




#77
Bromobenzene
Concen: 124.379 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD073827.D
Acq: 11 Jul 2022 17:11

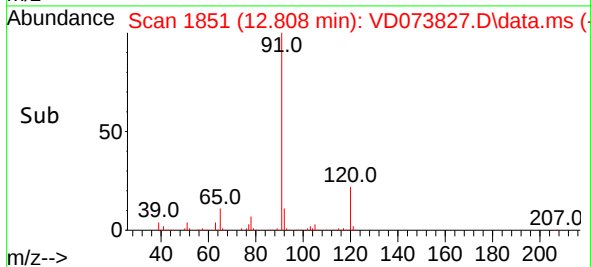
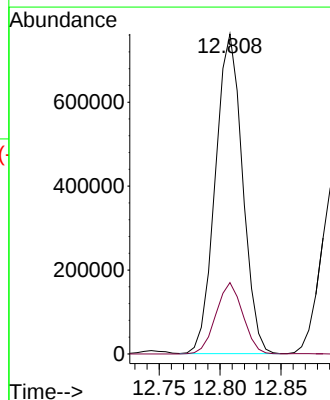
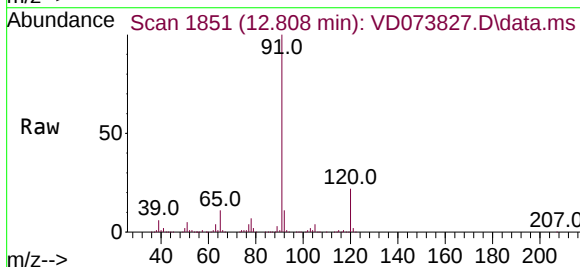
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

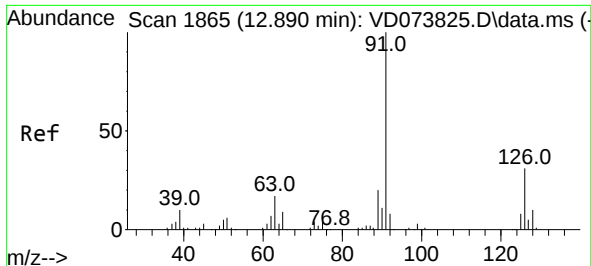
Tgt Ion:156 Resp: 196956
Ion Ratio Lower Upper
156 100
77 218.5 110.1 330.3
158 97.1 48.3 144.9



#78
n-propylbenzene
Concen: 123.656 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD073827.D
Acq: 11 Jul 2022 17:11

Tgt Ion: 91 Resp: 1182042
Ion Ratio Lower Upper
91 100
120 22.1 10.5 31.6





#79

2-Chlorotoluene

Concen: 125.691 ug/l

RT: 12.896 min Scan# 1866

Delta R.T. 0.006 min

Lab File: VD073827.D

Acq: 11 Jul 2022 17:11

Instrument :

MSVOA_D

ClientSampleId :

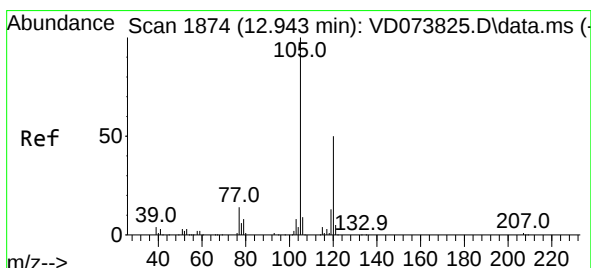
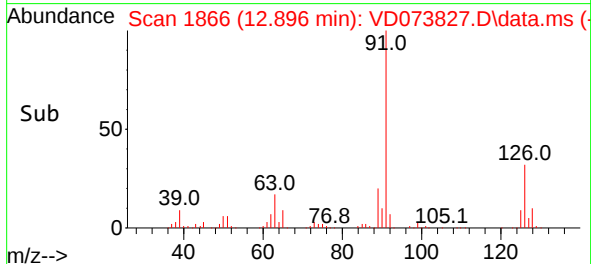
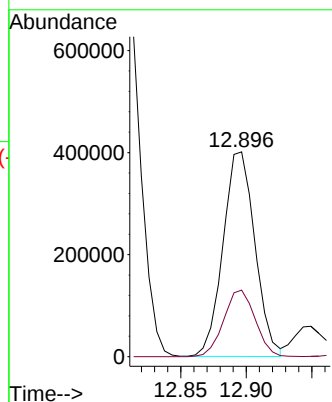
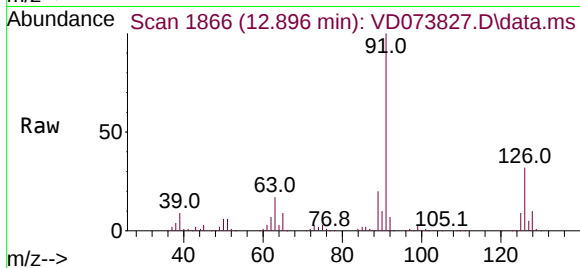
VSTDIC150

Tgt Ion: 91 Resp: 678848

Ion Ratio Lower Upper

91 100

126 32.1 15.9 47.7



#80

1,3,5-Trimethylbenzene

Concen: 127.749 ug/l

RT: 12.949 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VD073827.D

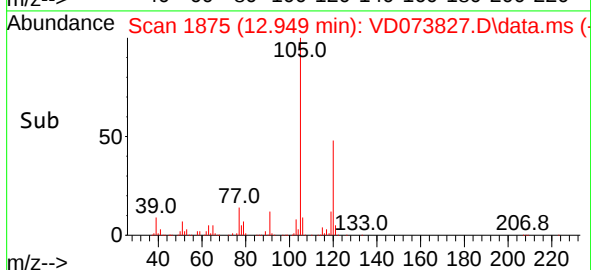
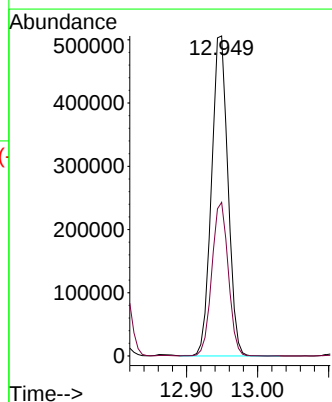
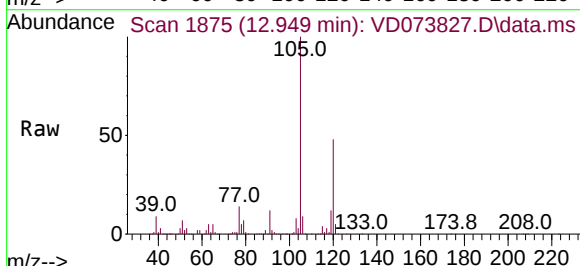
Acq: 11 Jul 2022 17:11

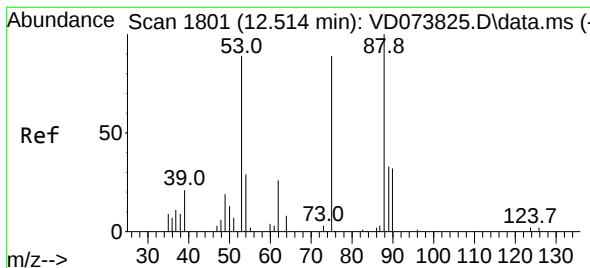
Tgt Ion:105 Resp: 812009

Ion Ratio Lower Upper

105 100

120 48.0 24.1 72.4

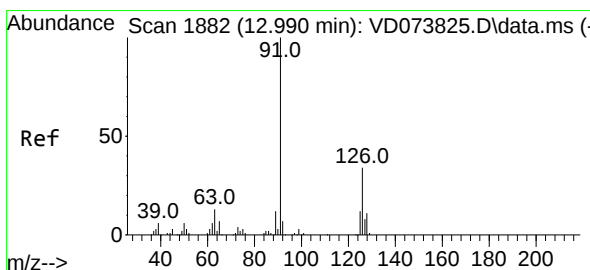
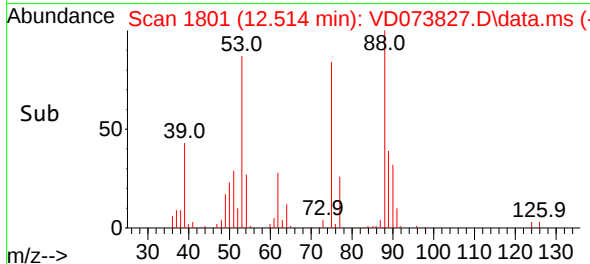
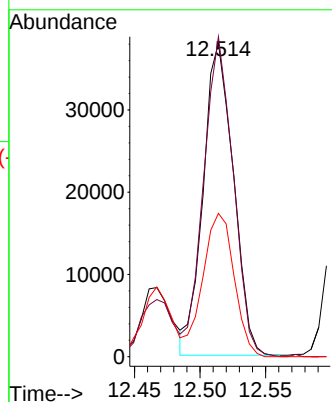
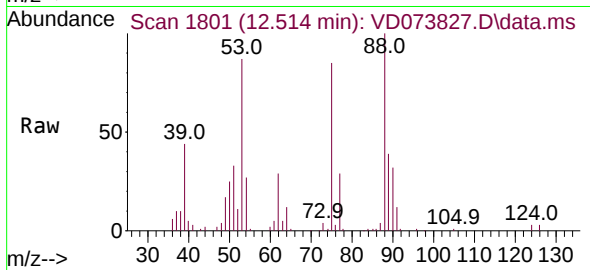




#81
trans-1,4-Dichloro-2-butene
Concen: 127.489 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. 0.000 min
Lab File: VD073827.D
Acq: 11 Jul 2022 17:11

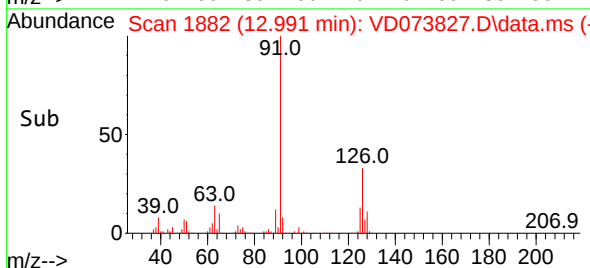
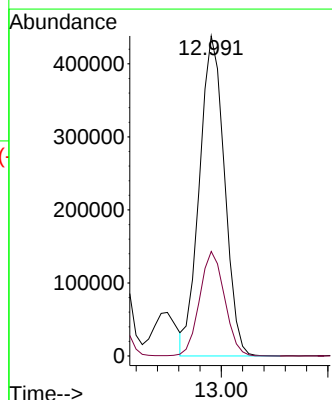
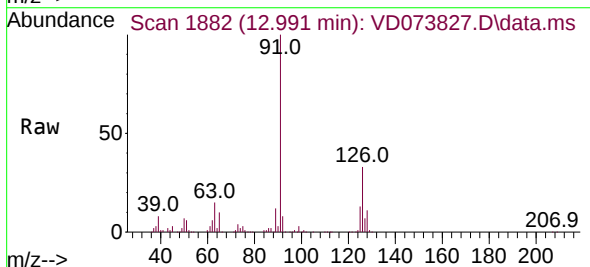
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

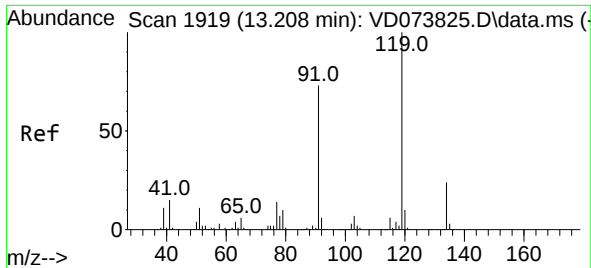
Tgt Ion: 75 Resp: 60763
Ion Ratio Lower Upper
75 100
53 100.7 79.3 118.9
89 48.0 34.8 52.2



#82
4-Chlorotoluene
Concen: 126.395 ug/l
RT: 12.991 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VD073827.D
Acq: 11 Jul 2022 17:11

Tgt Ion: 91 Resp: 717136
Ion Ratio Lower Upper
91 100
126 32.5 16.2 48.5

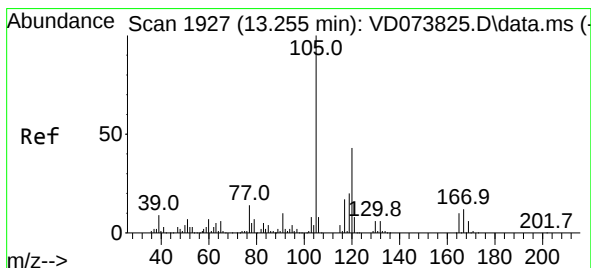
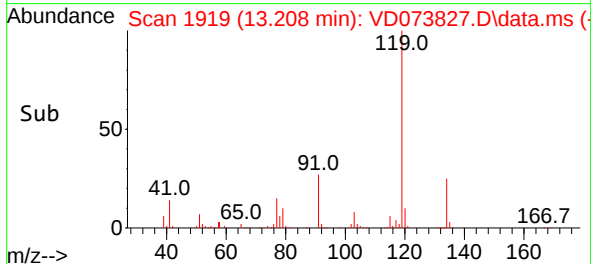
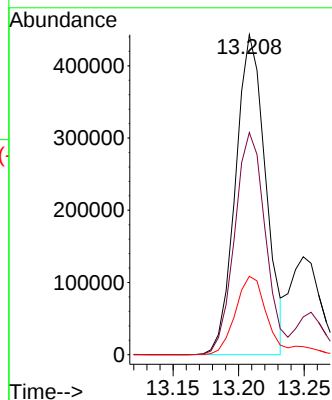
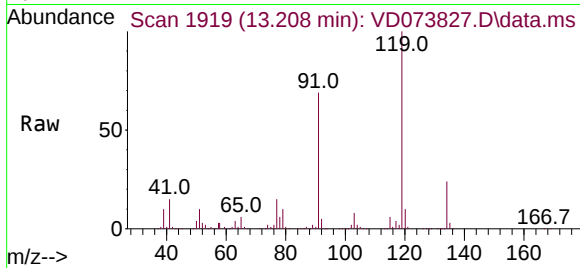




#83
tert-Butylbenzene
Concen: 126.068 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VD073827.D
Acq: 11 Jul 2022 17:11

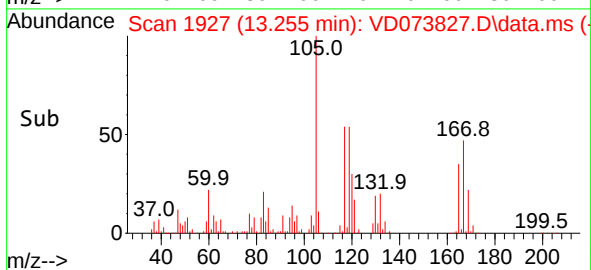
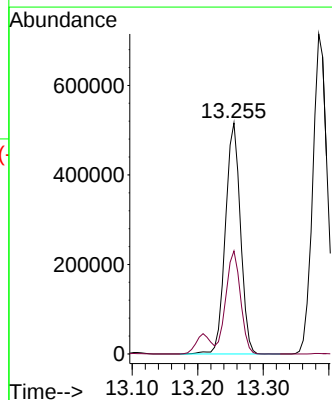
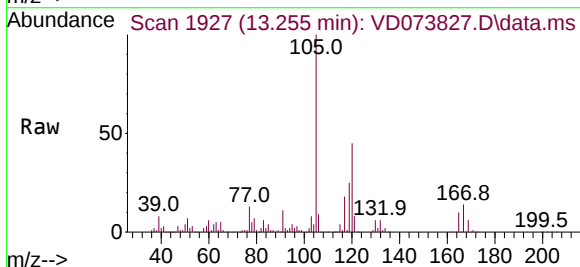
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

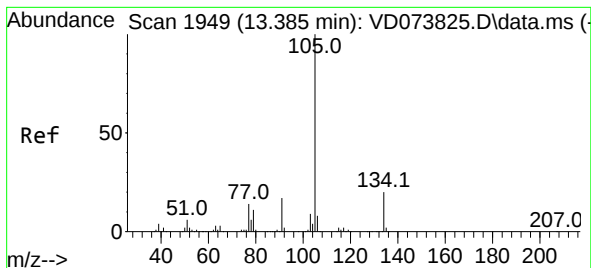
Tgt Ion:119 Resp: 707853
Ion Ratio Lower Upper
119 100
91 71.2 36.0 108.0
134 27.1 13.1 39.1



#84
1,2,4-Trimethylbenzene
Concen: 130.056 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD073827.D
Acq: 11 Jul 2022 17:11

Tgt Ion:105 Resp: 818821
Ion Ratio Lower Upper
105 100
120 43.6 21.9 65.5





#85

sec-Butylbenzene

Concen: 127.229 ug/l

RT: 13.385 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VD073827.D

Acq: 11 Jul 2022 17:11

Instrument :

MSVOA_D

ClientSampleId :

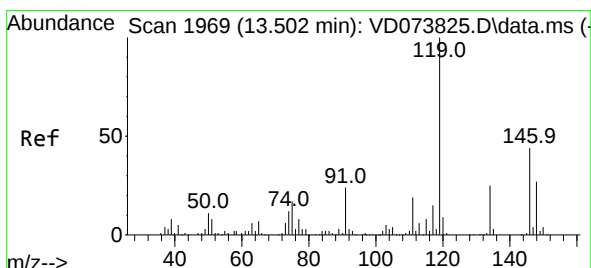
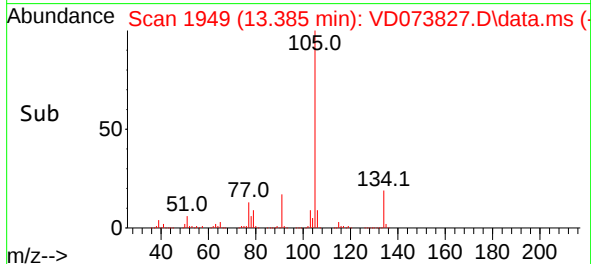
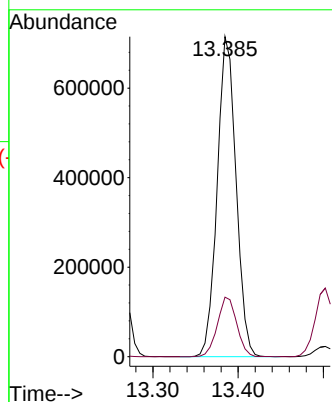
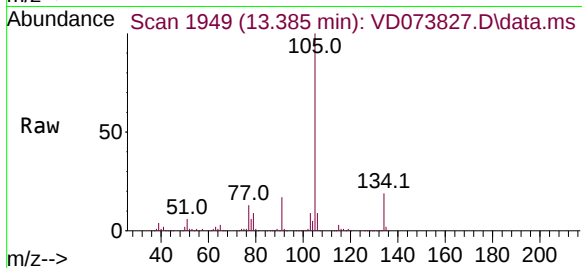
VSTDIC150

Tgt Ion:105 Resp: 1100099

Ion Ratio Lower Upper

105 100

134 19.1 9.8 29.3



#86

p-Isopropyltoluene

Concen: 131.080 ug/l

RT: 13.502 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD073827.D

Acq: 11 Jul 2022 17:11

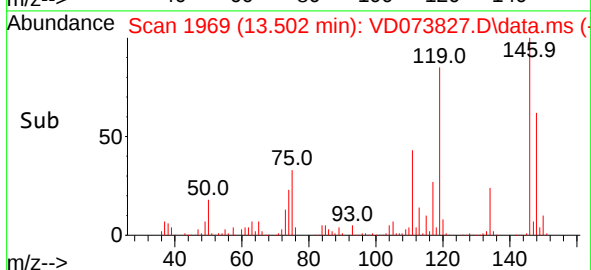
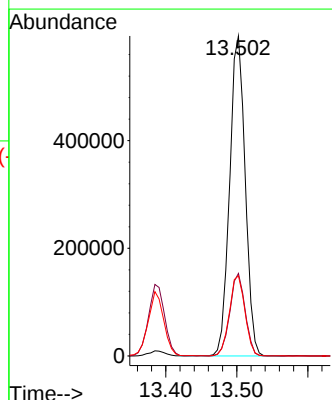
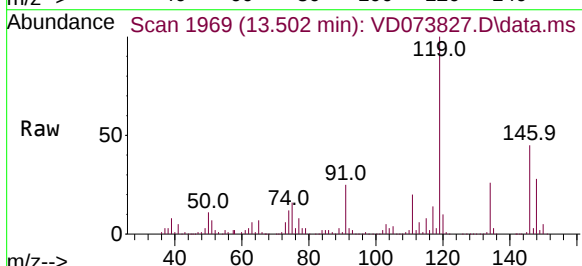
Tgt Ion:119 Resp: 905267

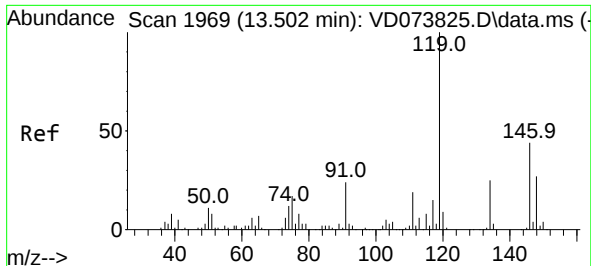
Ion Ratio Lower Upper

119 100

134 25.3 12.6 37.8

91 25.1 13.0 38.9

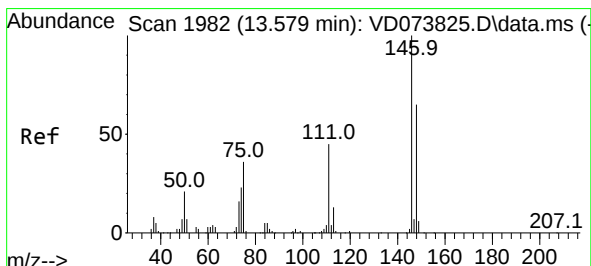
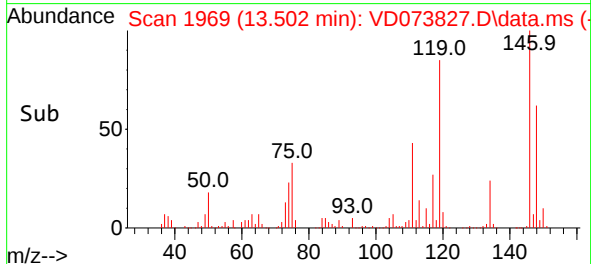
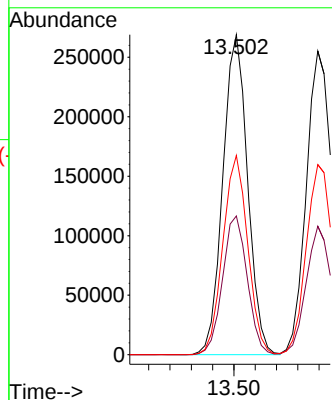
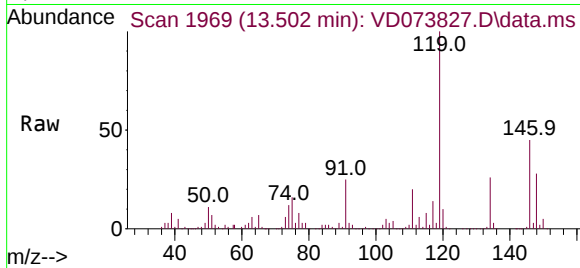




#87
 1,3-Dichlorobenzene
 Concen: 130.729 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD073827.D
 Acq: 11 Jul 2022 17:11

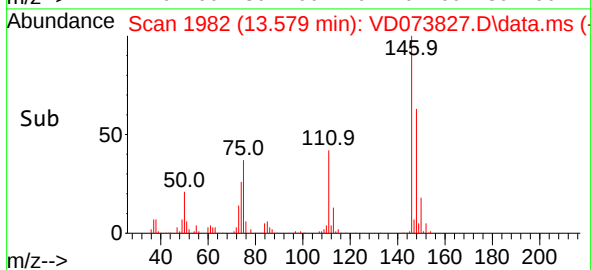
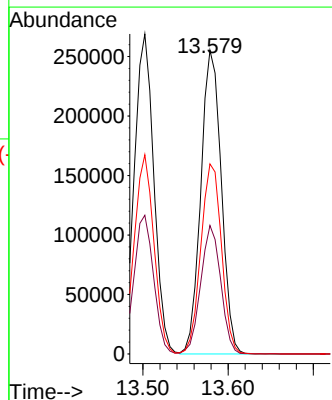
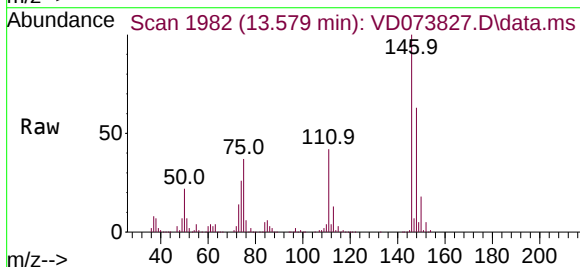
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

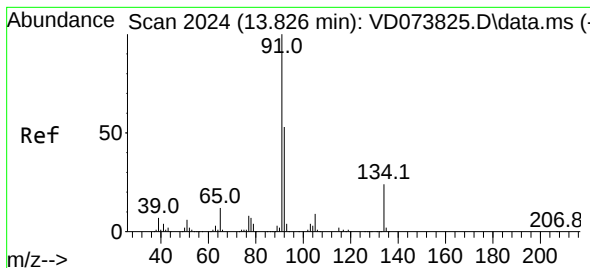
Tgt Ion:146 Resp: 434356
 Ion Ratio Lower Upper
 146 100
 111 43.2 21.8 65.4
 148 62.4 31.6 94.8



#88
 1,4-Dichlorobenzene
 Concen: 127.074 ug/l
 RT: 13.579 min Scan# 1982
 Delta R.T. 0.000 min
 Lab File: VD073827.D
 Acq: 11 Jul 2022 17:11

Tgt Ion:146 Resp: 426087
 Ion Ratio Lower Upper
 146 100
 111 41.4 21.9 65.7
 148 63.2 32.4 97.0





#89

n-Butylbenzene

Concen: 125.480 ug/l

RT: 13.826 min Scan# 2024

Delta R.T. 0.000 min

Lab File: VD073827.D

Acq: 11 Jul 2022 17:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

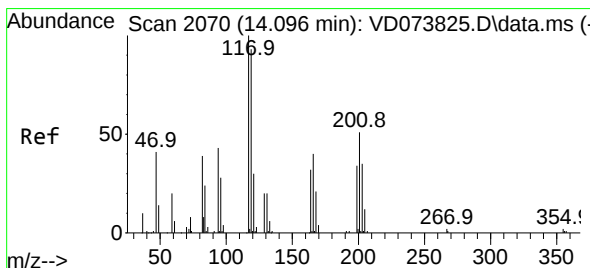
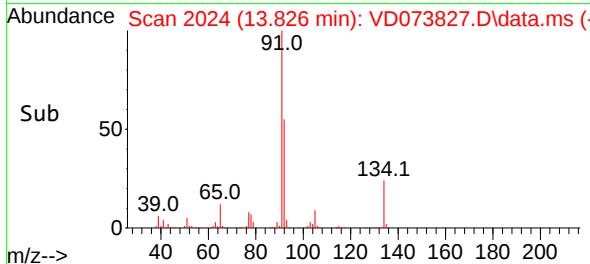
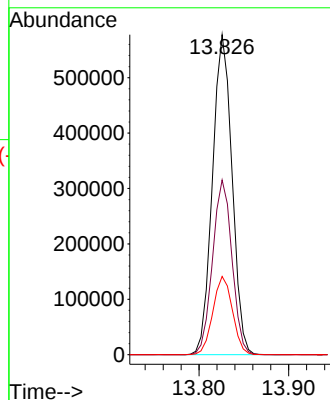
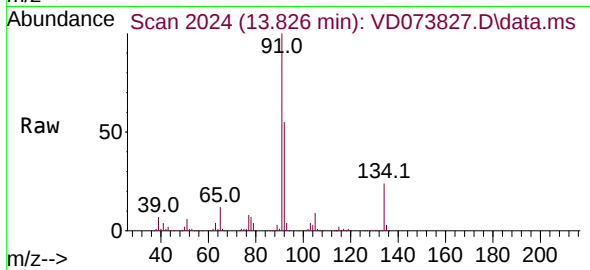
Tgt Ion: 91 Resp: 876339

Ion Ratio Lower Upper

91 100

92 54.1 26.7 80.1

134 24.4 11.6 34.7



#90

Hexachloroethane

Concen: 125.086 ug/l

RT: 14.096 min Scan# 2070

Delta R.T. 0.000 min

Lab File: VD073827.D

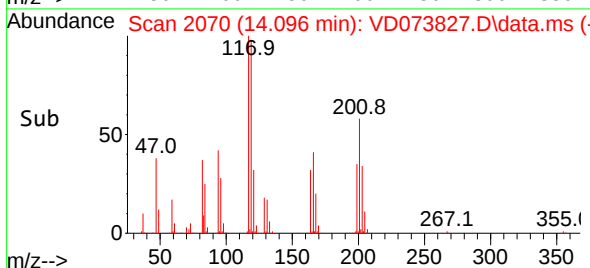
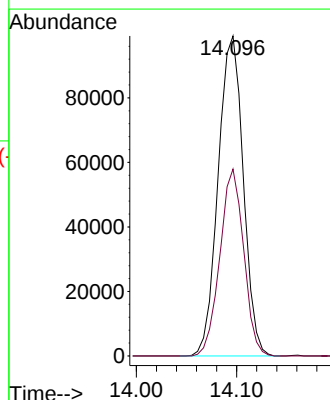
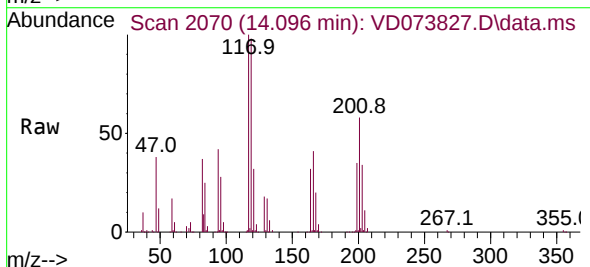
Acq: 11 Jul 2022 17:11

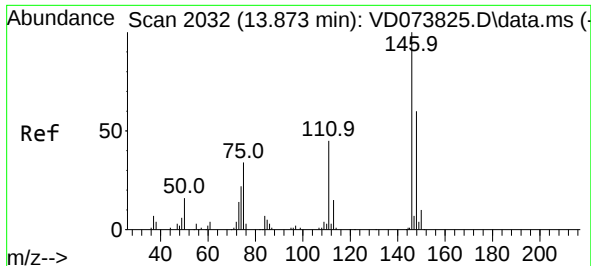
Tgt Ion: 117 Resp: 172370

Ion Ratio Lower Upper

117 100

201 55.3 26.7 80.0

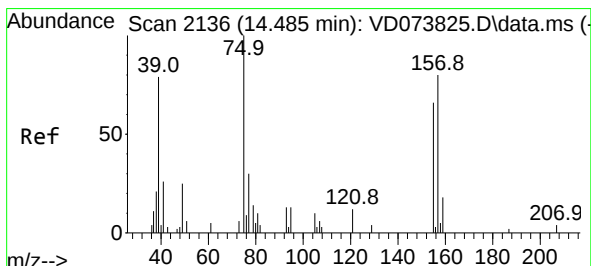
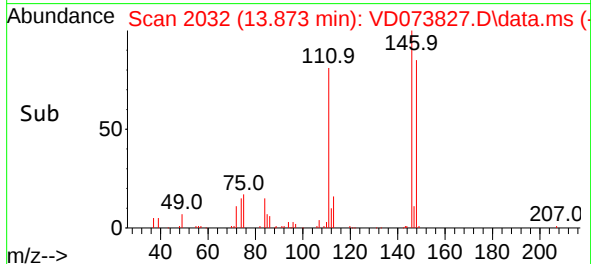
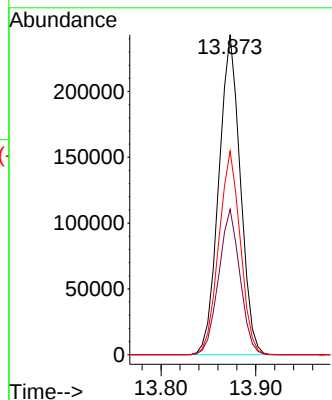
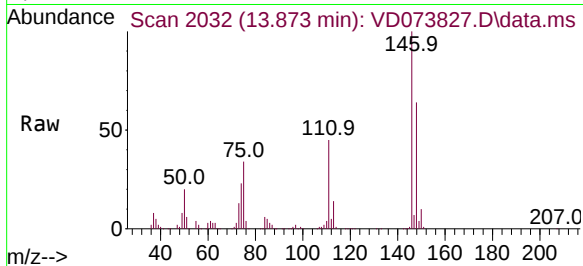




#91
1,2-Dichlorobenzene
Concen: 130.670 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD073827.D
Acq: 11 Jul 2022 17:11

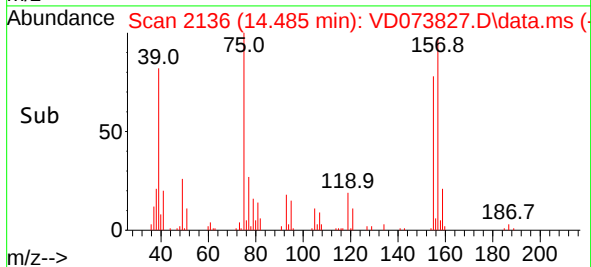
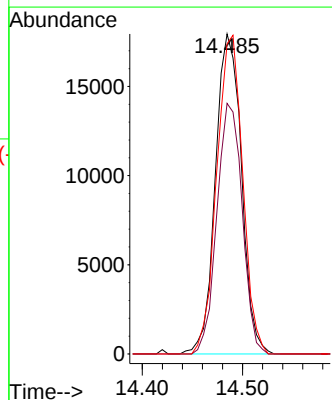
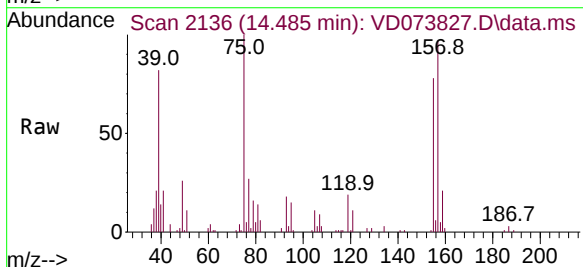
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

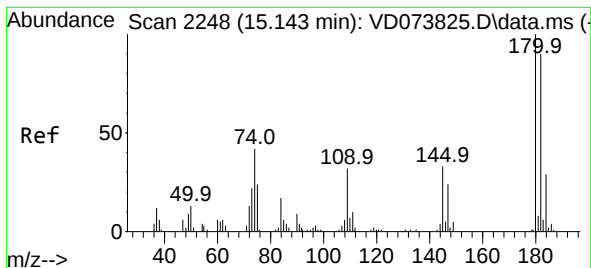
Tgt Ion:146 Resp: 383423
Ion Ratio Lower Upper
146 100
111 44.9 22.8 68.4
148 63.8 30.6 91.6



#92
1,2-Dibromo-3-Chloropropane
Concen: 124.754 ug/l
RT: 14.485 min Scan# 2136
Delta R.T. 0.000 min
Lab File: VD073827.D
Acq: 11 Jul 2022 17:11

Tgt Ion: 75 Resp: 32285
Ion Ratio Lower Upper
75 100
155 76.1 35.7 107.1
157 99.1 46.7 140.1





#93

1,2,4-Trichlorobenzene

Concen: 123.504 ug/l

RT: 15.143 min Scan# 2248

Delta R.T. 0.000 min

Lab File: VD073827.D

Acq: 11 Jul 2022 17:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

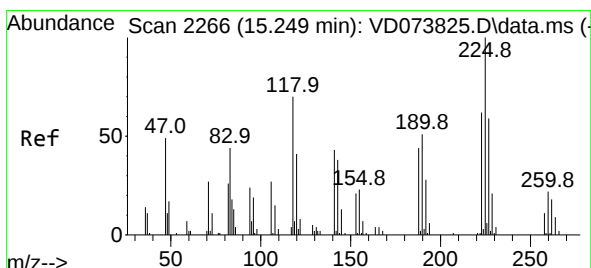
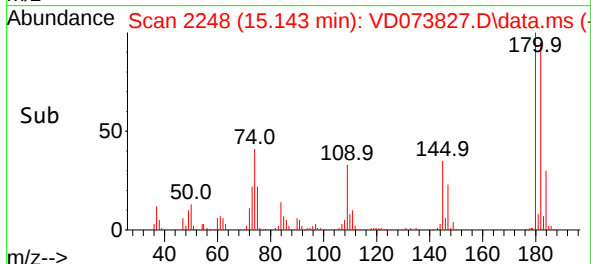
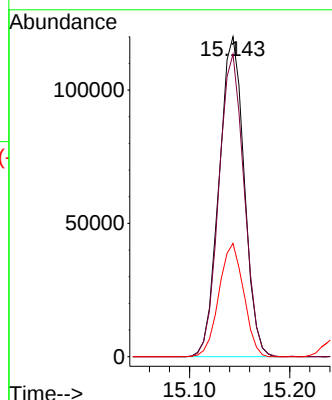
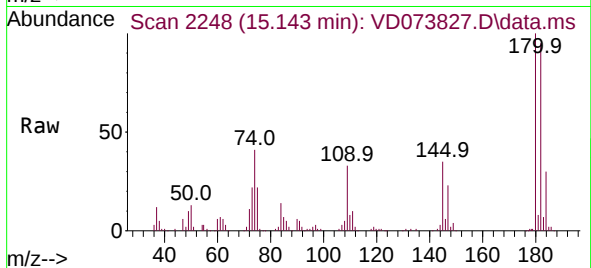
Tgt Ion:180 Resp: 208364

Ion Ratio Lower Upper

180 100

182 95.0 46.9 140.8

145 34.8 17.0 51.0



#94

Hexachlorobutadiene

Concen: 117.587 ug/l

RT: 15.249 min Scan# 2266

Delta R.T. 0.000 min

Lab File: VD073827.D

Acq: 11 Jul 2022 17:11

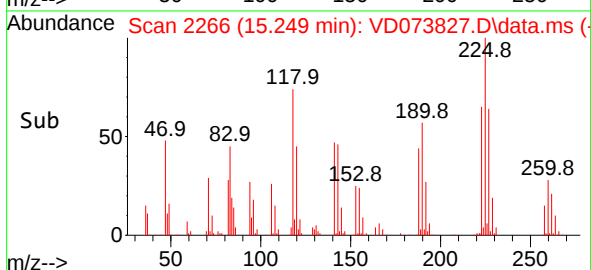
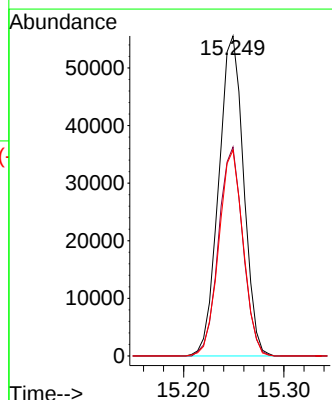
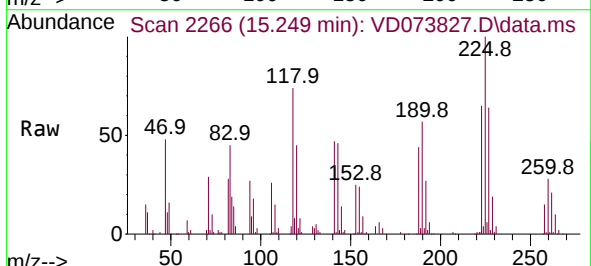
Tgt Ion:225 Resp: 95744

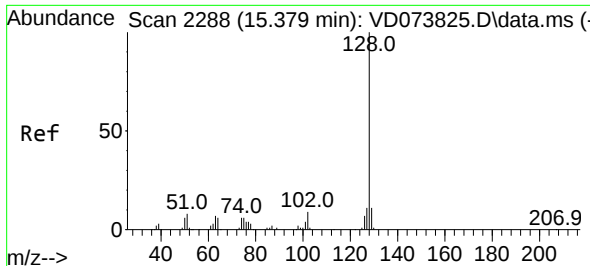
Ion Ratio Lower Upper

225 100

223 63.8 31.8 95.3

227 62.6 31.4 94.2

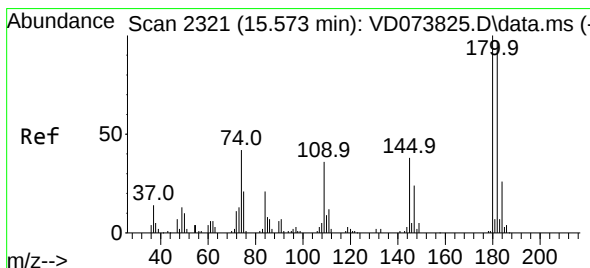
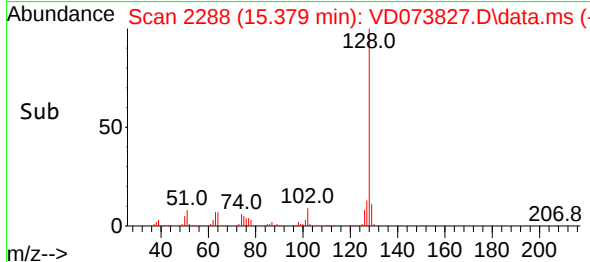
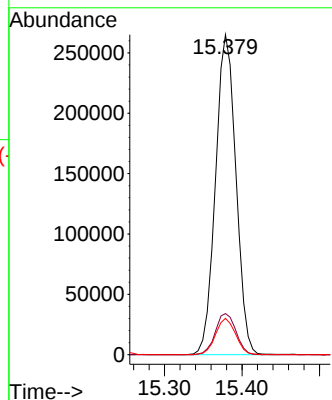
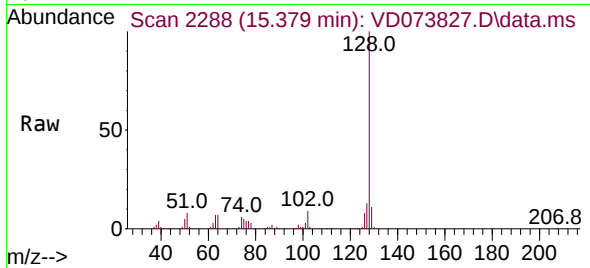




#95
Naphthalene
Concen: 129.099 ug/l
RT: 15.379 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD073827.D
Acq: 11 Jul 2022 17:11

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tgt Ion:128 Resp: 485731
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.1 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 125.000 ug/l
RT: 15.573 min Scan# 2321
Delta R.T. 0.000 min
Lab File: VD073827.D
Acq: 11 Jul 2022 17:11

Tgt Ion:180 Resp: 185316
Ion Ratio Lower Upper
180 100
182 95.0 47.4 142.3
145 37.0 18.9 56.9

