

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062022\
 Data File : VD073632.D
 Acq On : 20 Jun 2022 14:38
 Operator : VA/SY
 Sample : VSTDICC020
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC020

Quant Time: Jun 21 05:03:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 21 05:00:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	245400	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	400154	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	381576	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	201927	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	56918	20.158	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	40.320%#
35) Dibromofluoromethane	7.908	113	58339	20.097	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	40.200%#
50) Toluene-d8	10.332	98	214444	20.639	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	41.280%#
62) 4-Bromofluorobenzene	12.620	95	77128	20.242	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	40.480%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	51454	21.769	ug/l	95
3) Chloromethane	2.209	50	43890	20.467	ug/l	97
4) Vinyl Chloride	2.350	62	40407	19.985	ug/l	100
5) Bromomethane	2.756	94	32288	20.459	ug/l	98
6) Chloroethane	2.915	64	24424	18.667	ug/l	95
7) Trichlorofluoromethane	3.273	101	95542	20.398	ug/l	94
8) Diethyl Ether	3.709	74	22891	18.734	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.091	101	54781	20.247	ug/l	98
10) Methyl Iodide	4.297	142	53532	20.425	ug/l	99
11) Tert butyl alcohol	5.185	59	35382	113.461	ug/l #	76
12) 1,1-Dichloroethene	4.067	96	48865	20.661	ug/l	98
13) Acrolein	3.920	56	5933	71.629	ug/l	96
14) Allyl chloride	4.703	41	68331	20.079	ug/l	97
15) Acrylonitrile	5.414	53	53861	97.163	ug/l	99
16) Acetone	4.156	43	42498	94.674	ug/l	96
17) Carbon Disulfide	4.409	76	144792	21.237	ug/l	100
18) Methyl Acetate	4.709	43	27293	18.999	ug/l	98
19) Methyl tert-butyl Ether	5.485	73	110951	19.827	ug/l	97
20) Methylene Chloride	4.962	84	70918	19.732	ug/l	95
21) trans-1,2-Dichloroethene	5.467	96	57948	20.607	ug/l	96
22) Diisopropyl ether	6.356	45	154570	20.244	ug/l	98
23) Vinyl Acetate	6.297	43	399939	102.514	ug/l	99
24) 1,1-Dichloroethane	6.256	63	103738	20.290	ug/l	96
25) 2-Butanone	7.208	43	62758	96.040	ug/l	90
26) 2,2-Dichloropropane	7.203	77	95018	20.229	ug/l	100
27) cis-1,2-Dichloroethene	7.203	96	64224	19.799	ug/l	97
28) Bromochloromethane	7.538	49	35186	18.374	ug/l	100
29) Tetrahydrofuran	7.556	42	39572	97.645	ug/l	98
30) Chloroform	7.703	83	114478	19.778	ug/l	97
31) Cyclohexane	7.979	56	83507	19.438	ug/l	95
32) 1,1,1-Trichloroethane	7.897	97	104179	20.227	ug/l	97
36) 1,1-Dichloropropene	8.103	75	84361	20.748	ug/l	98
37) Ethyl Acetate	7.291	43	29979	19.162	ug/l	98
38) Carbon Tetrachloride	8.085	117	94728	20.512	ug/l	97
39) Methylcyclohexane	9.350	83	87588	19.441	ug/l	95
40) Benzene	8.344	78	236963	20.147	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	16437	18.980	ug/l	91
42) 1,2-Dichloroethane	8.420	62	70282	20.004	ug/l	99
43) Isopropyl Acetate	8.450	43	57437	19.502	ug/l	99
44) Trichloroethene	9.108	130	66438	19.832	ug/l	100
45) 1,2-Dichloropropane	9.379	63	59888	20.262	ug/l	100
46) Dibromomethane	9.473	93	33063	19.698	ug/l	98
47) Bromodichloromethane	9.655	83	87776	20.096	ug/l	98
48) Methyl methacrylate	9.450	41	26798	17.975	ug/l	92
49) 1,4-Dioxane	9.455	88	7179	385.977	ug/l	95
51) 4-Methyl-2-Pentanone	10.220	43	147648	97.645	ug/l	99
52) Toluene	10.397	92	154196	20.058	ug/l	99
53) t-1,3-Dichloropropene	10.608	75	80221	20.056	ug/l	97
54) cis-1,3-Dichloropropene	10.079	75	90692	19.392	ug/l	97
55) 1,1,2-Trichloroethane	10.791	97	46736	19.719	ug/l	94
56) Ethyl methacrylate	10.649	69	48878	18.688	ug/l	98
57) 1,3-Dichloropropane	10.938	76	77995	19.980	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	102973	97.897	ug/l	99
59) 2-Hexanone	10.979	43	100586	96.462	ug/l	96
60) Dibromochloromethane	11.132	129	61905	20.035	ug/l	97
61) 1,2-Dibromoethane	11.238	107	45459	20.021	ug/l	99
64) Tetrachloroethene	10.867	164	56230	19.907	ug/l	91
65) Chlorobenzene	11.661	112	169785	19.927	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.732	131	66513	20.143	ug/l	98
67) Ethyl Benzene	11.738	91	287897	19.874	ug/l	100
68) m/p-Xylenes	11.844	106	236249	41.413	ug/l	99
69) o-Xylene	12.173	106	105898	19.917	ug/l	100
70) Styrene	12.185	104	183970	20.176	ug/l	98
71) Bromoform	12.349	173	35256	19.609	ug/l #	99
73) Isopropylbenzene	12.467	105	283506	19.458	ug/l	99
74) N-amyl acetate	12.279	43	55298	18.778	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.714	83	52052	18.998	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	65314	34.367	ug/l #	1
77) Bromobenzene	12.749	156	70071	19.763	ug/l	98
78) n-propylbenzene	12.808	91	357277	20.020	ug/l	100
79) 2-Chlorotoluene	12.896	91	205442	19.627	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	249469	20.048	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	16371	19.332	ug/l	99
82) 4-Chlorotoluene	12.996	91	225689	20.201	ug/l	100
83) tert-Butylbenzene	13.208	119	206690	19.189	ug/l	98
84) 1,2,4-Trimethylbenzene	13.255	105	246849	20.111	ug/l	100
85) sec-Butylbenzene	13.391	105	316830	19.781	ug/l	99
86) p-Isopropyltoluene	13.502	119	260861	19.717	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	144521	19.757	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	141933	19.577	ug/l	98
89) n-Butylbenzene	13.826	91	242896	19.526	ug/l	98
90) Hexachloroethane	14.096	117	54398	19.251	ug/l	99
91) 1,2-Dichlorobenzene	13.873	146	125360	19.865	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.490	75	8082	18.888	ug/l	94
93) 1,2,4-Trichlorobenzene	15.143	180	69238	18.834	ug/l	99
94) Hexachlorobutadiene	15.249	225	41510	19.924	ug/l	96
95) Naphthalene	15.385	128	117403	18.381	ug/l	98
96) 1,2,3-Trichlorobenzene	15.573	180	61986	19.383	ug/l	96

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QLast Update : Tue Jun 21 05:00:54 2022
Response via : Initial Calibration

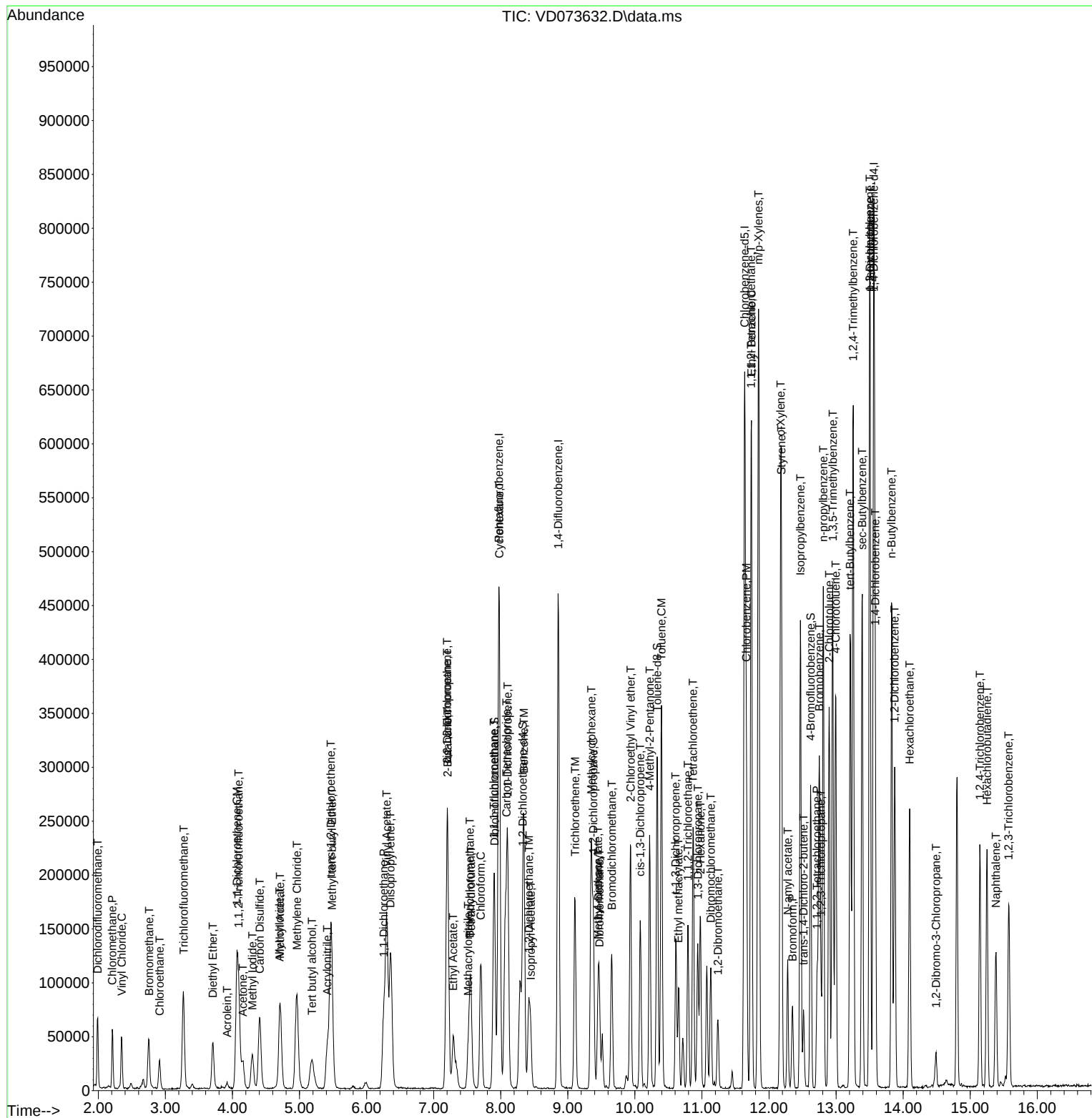
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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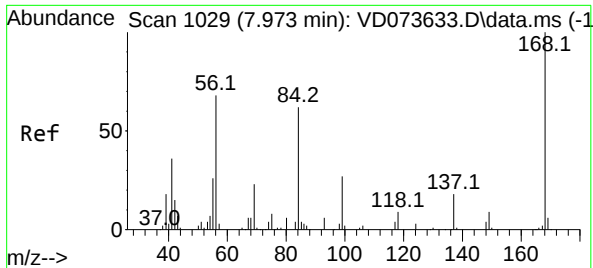
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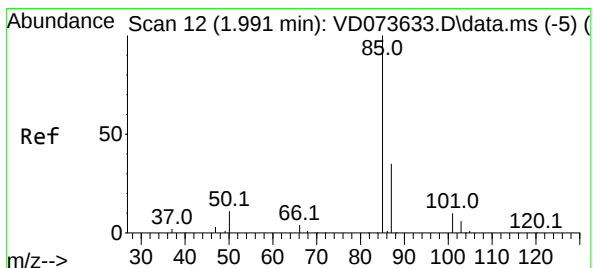
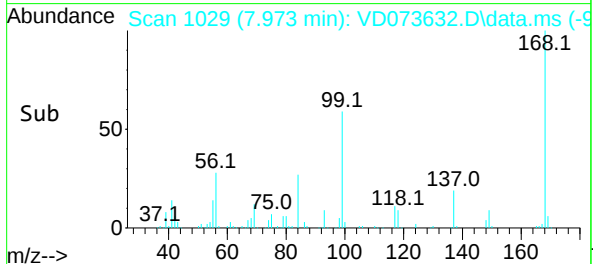
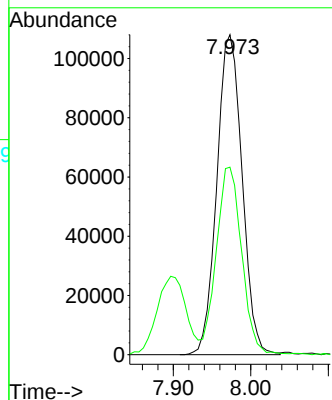
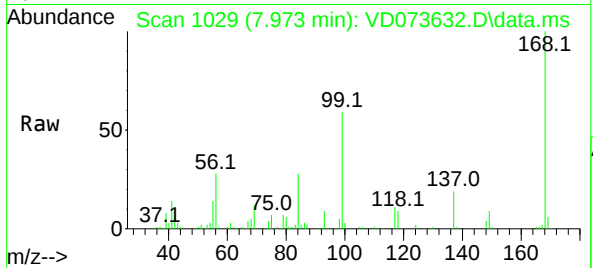




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
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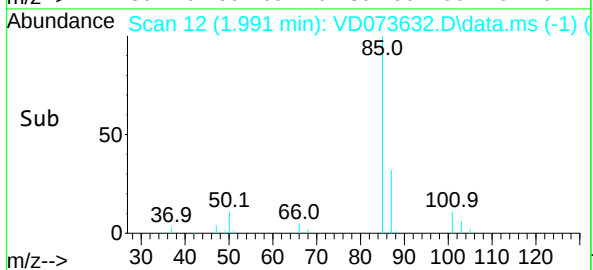
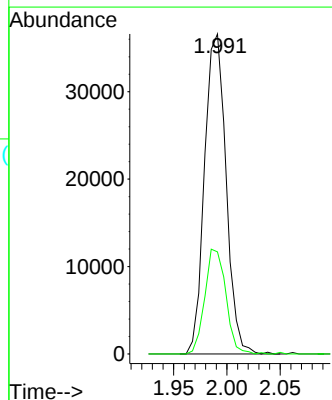
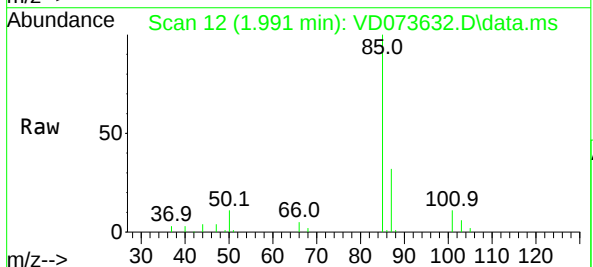
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

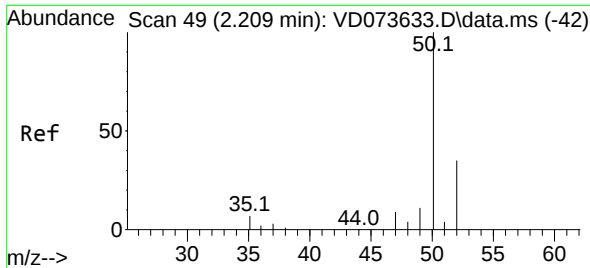
Tgt Ion:168 Resp: 245400
Ion Ratio Lower Upper
168 100
99 58.2 47.4 71.0



#2
Dichlorodifluoromethane
Concen: 21.769 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD073632.D
Acq: 20 Jun 2022 14:38

Tgt Ion: 85 Resp: 51454
Ion Ratio Lower Upper
85 100
87 31.9 17.4 52.2

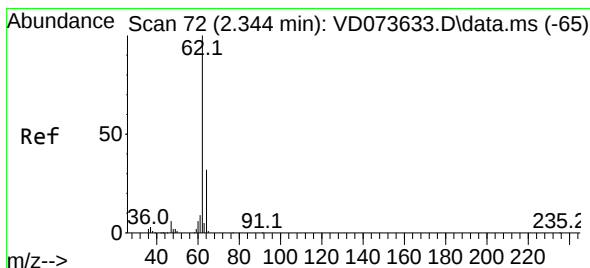
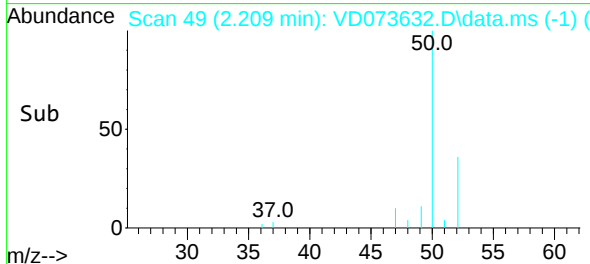
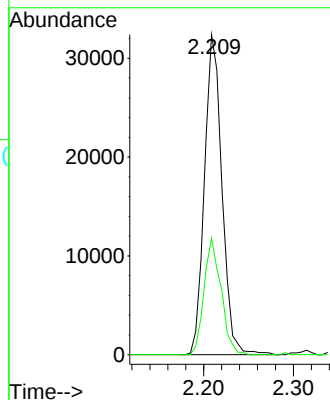
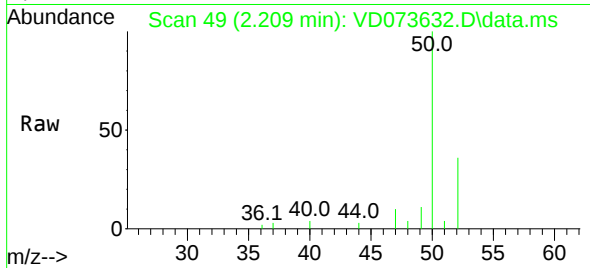




#3
Chloromethane
Concen: 20.467 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD073632.D
Acq: 20 Jun 2022 14:38

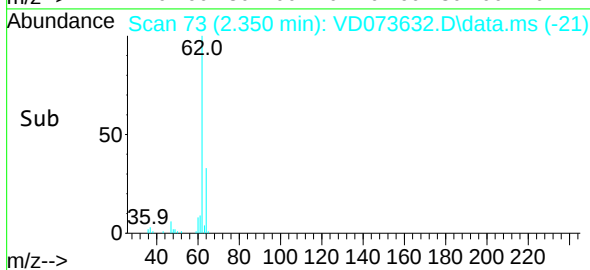
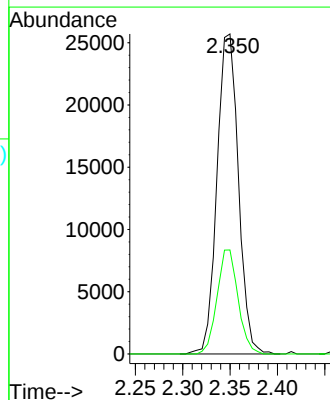
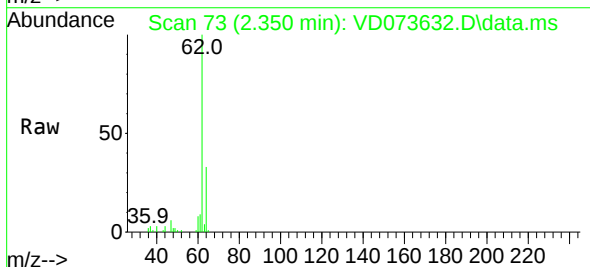
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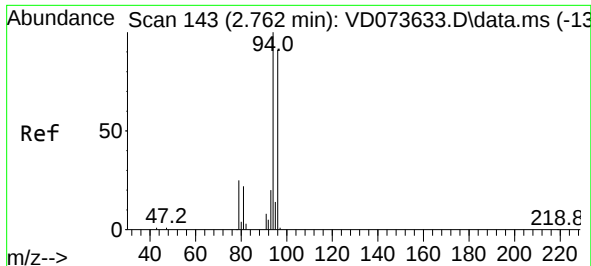
Tgt Ion: 50 Resp: 43890
Ion Ratio Lower Upper
50 100
52 36.5 27.8 41.8



#4
Vinyl Chloride
Concen: 19.985 ug/l
RT: 2.350 min Scan# 73
Delta R.T. 0.006 min
Lab File: VD073632.D
Acq: 20 Jun 2022 14:38

Tgt Ion: 62 Resp: 40407
Ion Ratio Lower Upper
62 100
64 32.5 25.9 38.9

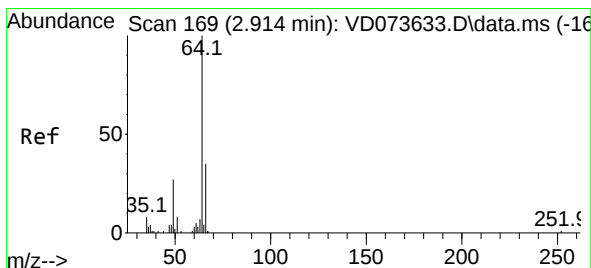
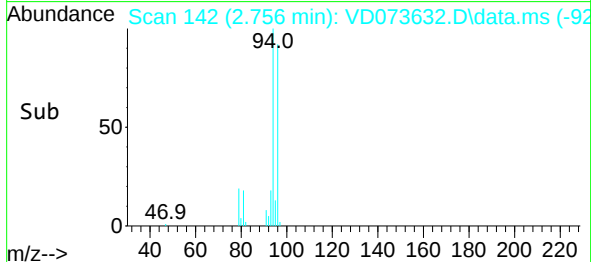
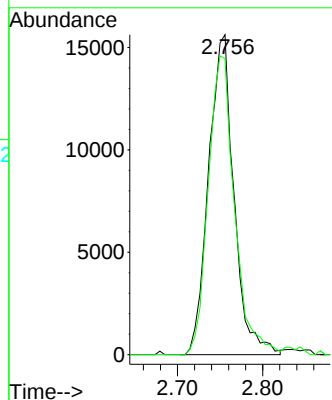
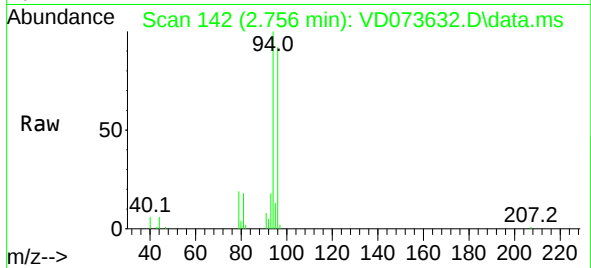




#5
Bromomethane
Concen: 20.459 ug/l
RT: 2.756 min Scan# 14
Delta R.T. -0.006 min
Lab File: VD073632.D
Acq: 20 Jun 2022 14:38

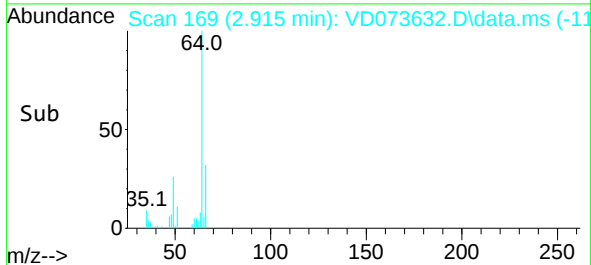
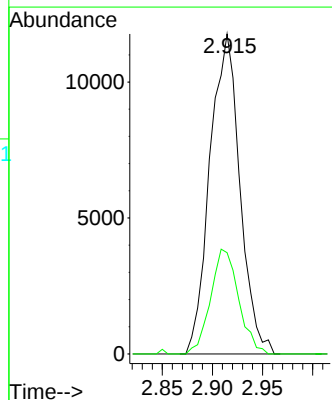
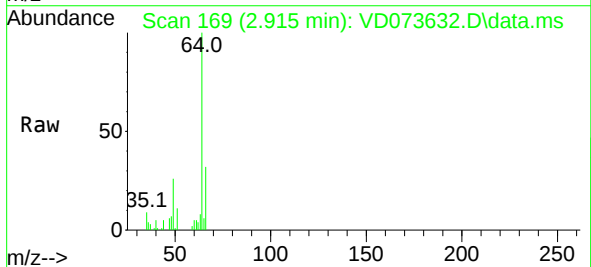
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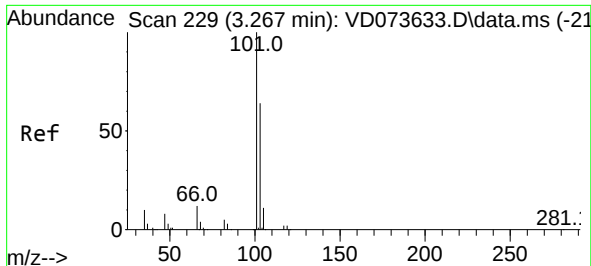
Tgt Ion: 94 Resp: 32288
Ion Ratio Lower Upper
94 100
96 92.5 72.6 108.8



#6
Chloroethane
Concen: 18.667 ug/l
RT: 2.915 min Scan# 169
Delta R.T. 0.000 min
Lab File: VD073632.D
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Tgt Ion: 64 Resp: 24424
Ion Ratio Lower Upper
64 100
66 31.6 27.7 41.5

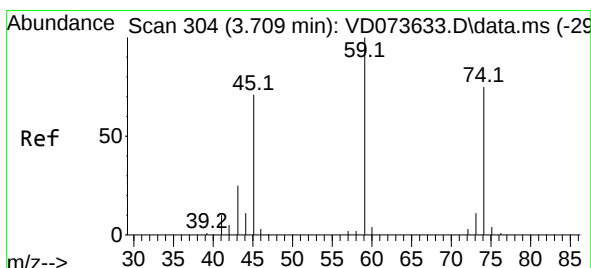
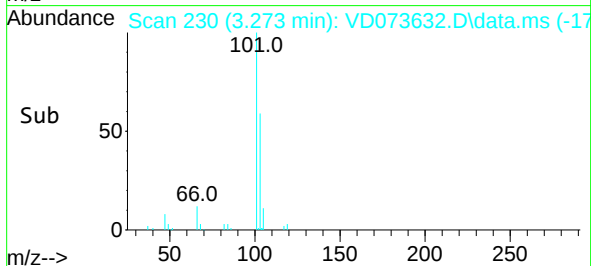
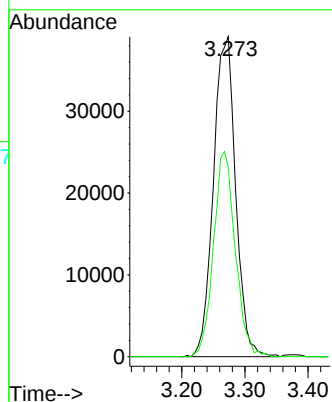
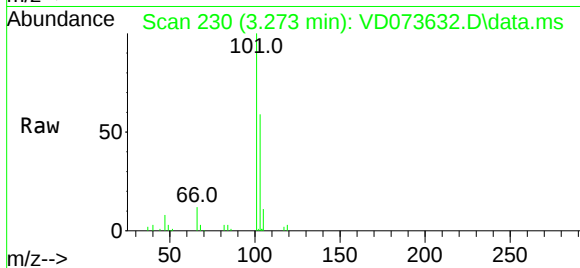




#7
Trichlorofluoromethane
Concen: 20.398 ug/l
RT: 3.273 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD073632.D
Acq: 20 Jun 2022 14:38

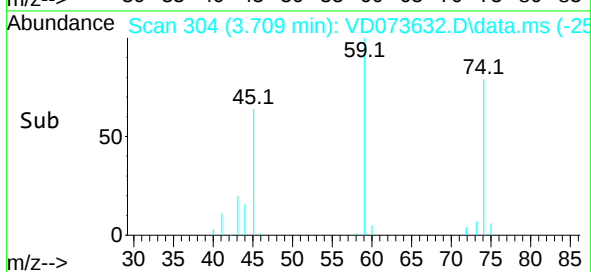
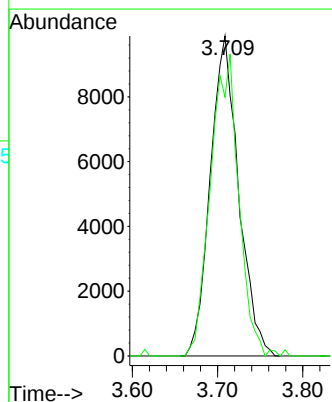
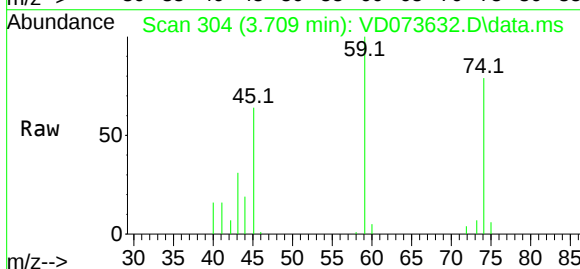
Instrument :
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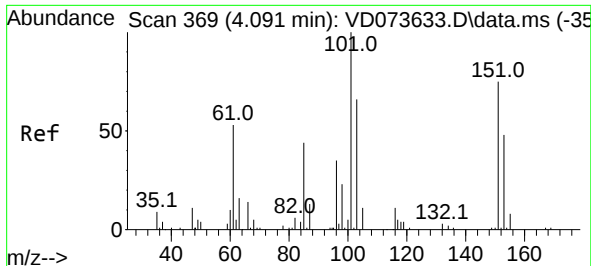
Tgt Ion:101 Resp: 95542
Ion Ratio Lower Upper
101 100
103 59.3 51.2 76.8



#8
Diethyl Ether
Concen: 18.734 ug/l
RT: 3.709 min Scan# 304
Delta R.T. 0.000 min
Lab File: VD073632.D
Acq: 20 Jun 2022 14:38

Tgt Ion: 74 Resp: 22891
Ion Ratio Lower Upper
74 100
45 93.5 47.6 142.8

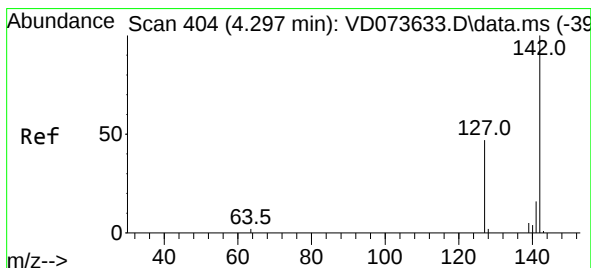
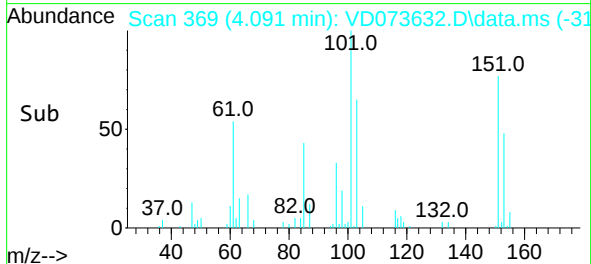
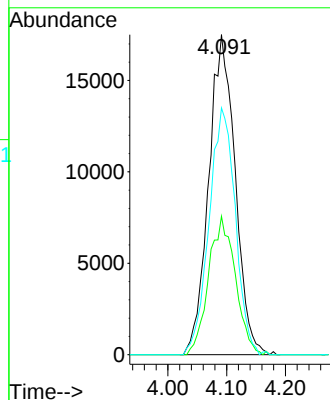
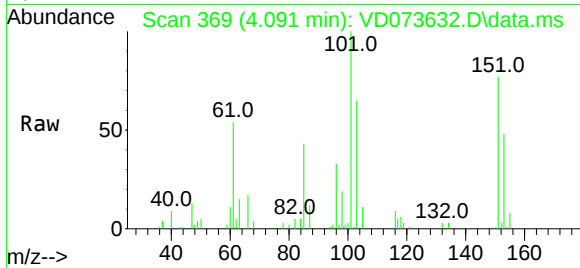




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.247 ug/l
RT: 4.091 min Scan# 369
Delta R.T. 0.000 min
Lab File: VD073632.D
Acq: 20 Jun 2022 14:38

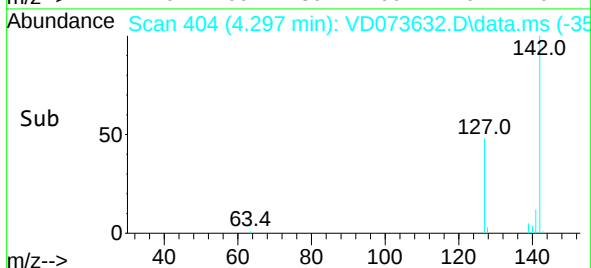
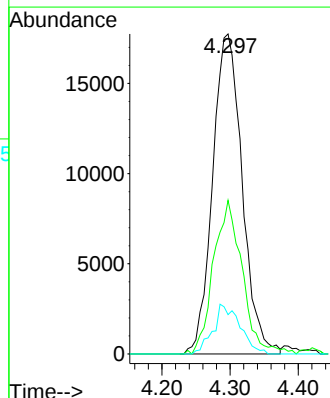
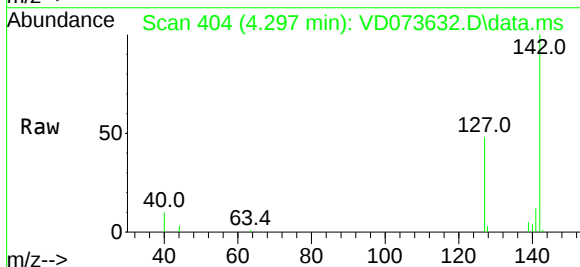
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

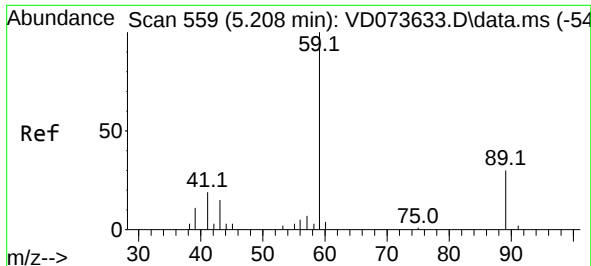
Tgt Ion:101	Resp:	54781
Ion	Ratio	Lower Upper
101	100	
85	43.6	35.2 52.8
151	76.5	63.4 95.0



#10
Methyl Iodide
Concen: 20.425 ug/l
RT: 4.297 min Scan# 404
Delta R.T. 0.000 min
Lab File: VD073632.D
Acq: 20 Jun 2022 14:38

Tgt Ion:142	Resp:	53532
Ion	Ratio	Lower Upper
142	100	
127	46.7	37.2 55.8
141	14.2	12.3 18.5





#11

Tert butyl alcohol

Concen: 113.461 ug/l

RT: 5.185 min Scan# 51

Delta R.T. -0.023 min

Lab File: VD073632.D

Acq: 20 Jun 2022 14:38

Instrument :

MSVOA_D

ClientSampleId :

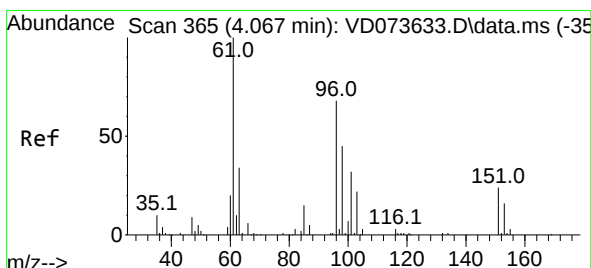
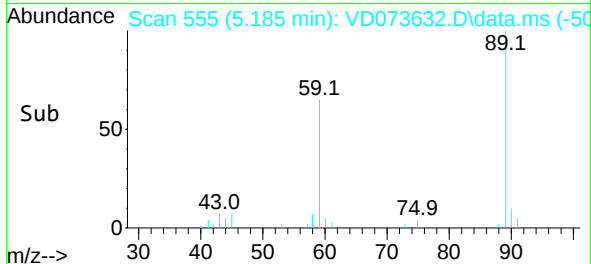
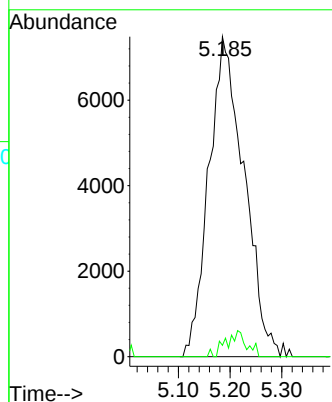
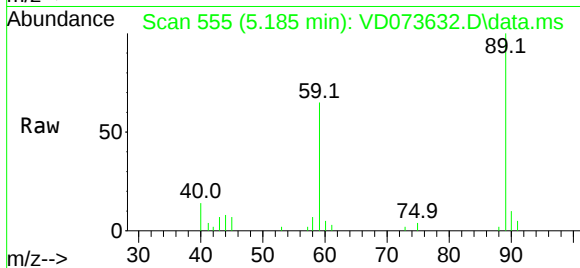
VSTDIC020

Tgt Ion: 59 Resp: 35382

Ion Ratio Lower Upper

59 100

57 0.0 6.7 10.1#



#12

1,1-Dichloroethene

Concen: 20.661 ug/l

RT: 4.067 min Scan# 365

Delta R.T. 0.000 min

Lab File: VD073632.D

Acq: 20 Jun 2022 14:38

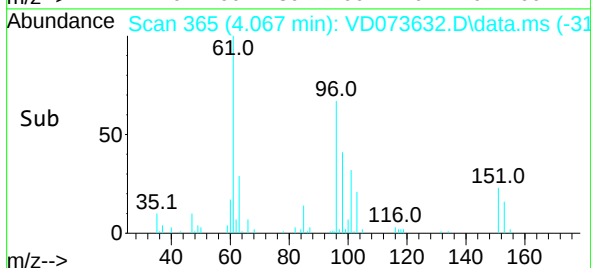
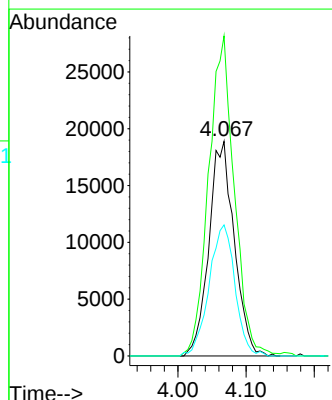
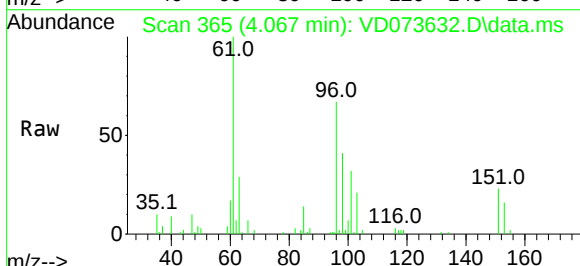
Tgt Ion: 96 Resp: 48865

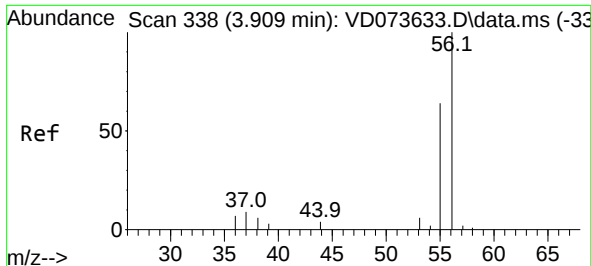
Ion Ratio Lower Upper

96 100

61 149.1 118.5 177.7

98 61.0 52.8 79.2





#13

Acrolein

Concen: 71.629 ug/l

RT: 3.920 min Scan# 34

Delta R.T. 0.012 min

Lab File: VD073632.D

Acq: 20 Jun 2022 14:38

Instrument :

MSVOA_D

ClientSampleId :

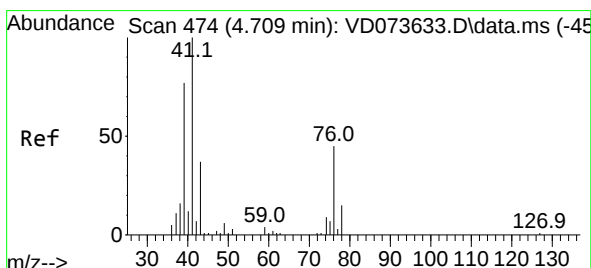
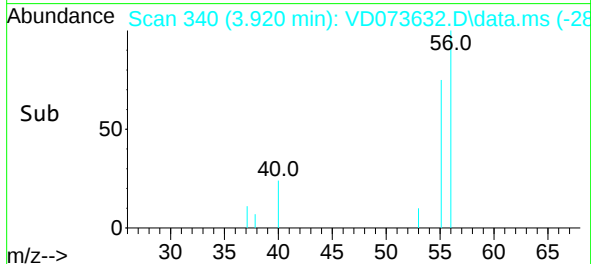
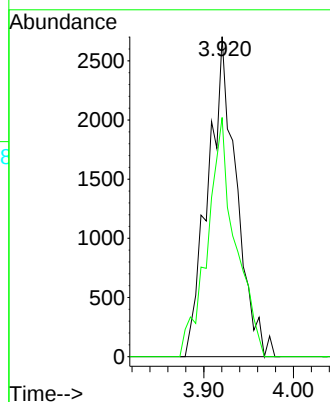
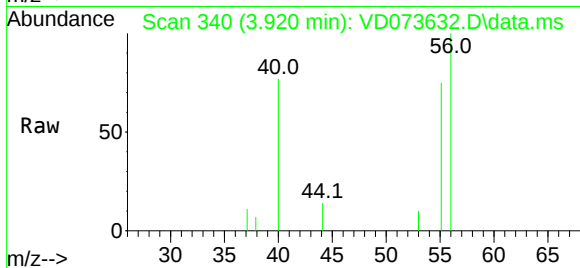
VSTDIC020

Tgt Ion: 56 Resp: 5933

Ion Ratio Lower Upper

56 100

55 73.6 56.4 84.6



#14

Allyl chloride

Concen: 20.079 ug/l

RT: 4.703 min Scan# 473

Delta R.T. -0.006 min

Lab File: VD073632.D

Acq: 20 Jun 2022 14:38

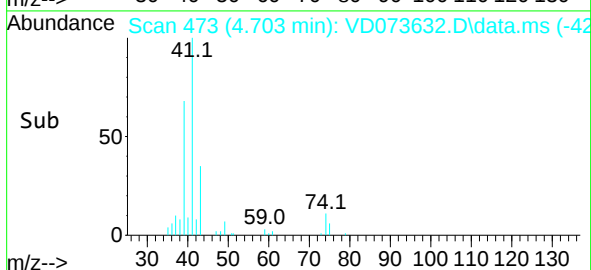
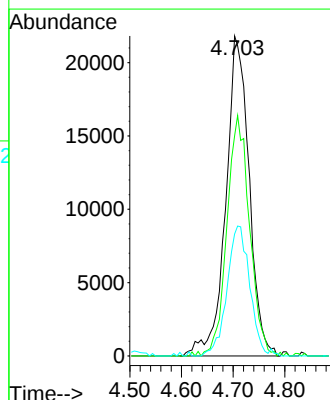
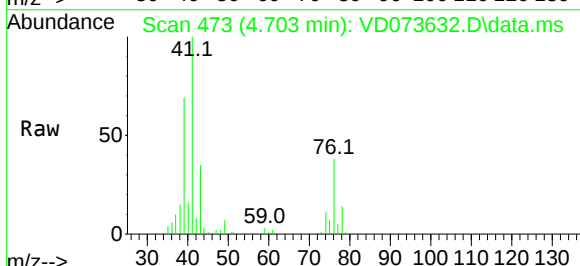
Tgt Ion: 41 Resp: 68331

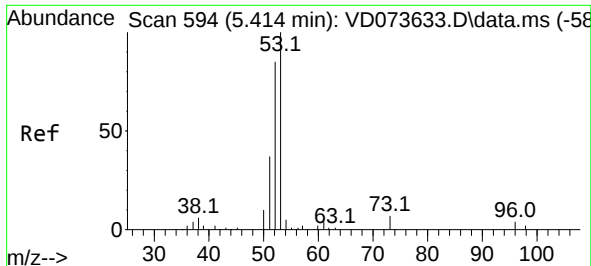
Ion Ratio Lower Upper

41 100

39 73.1 57.3 85.9

76 39.3 33.4 50.0

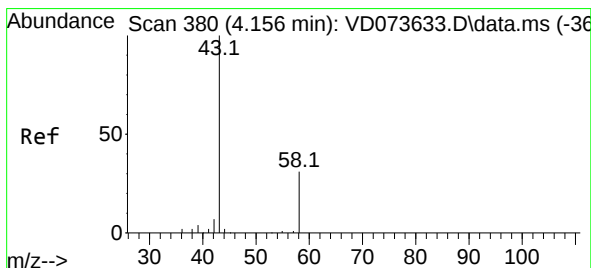
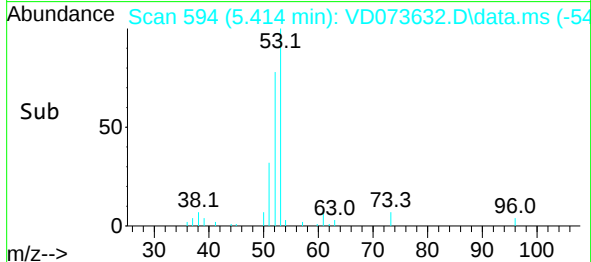
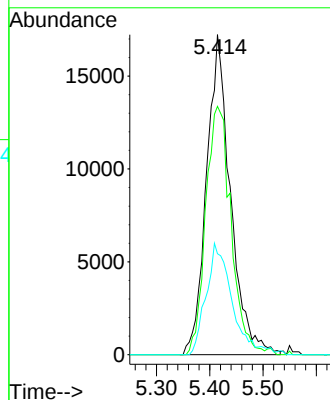
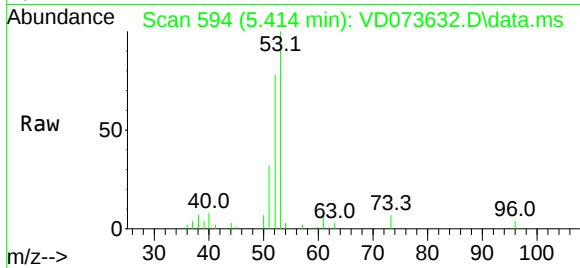




#15
Acrylonitrile
Concen: 97.163 ug/l
RT: 5.414 min Scan# 594
Delta R.T. 0.000 min
Lab File: VD073632.D
Acq: 20 Jun 2022 14:38

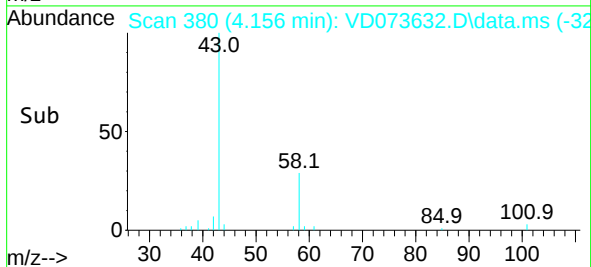
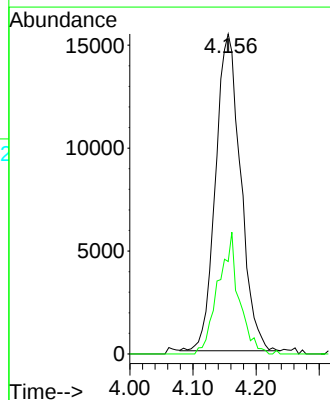
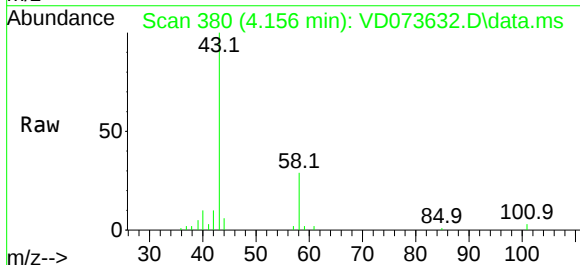
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

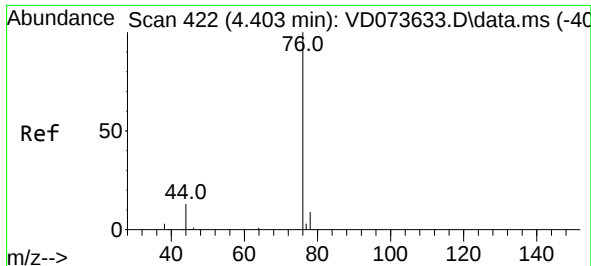
Tgt Ion: 53	Resp: 53861
Ion Ratio	Lower Upper
53 100	
52 81.6	64.6 97.0
51 37.8	29.6 44.4



#16
Acetone
Concen: 94.674 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD073632.D
Acq: 20 Jun 2022 14:38

Tgt Ion: 43	Resp: 42498
Ion Ratio	Lower Upper
43 100	
58 29.2	25.0 37.4

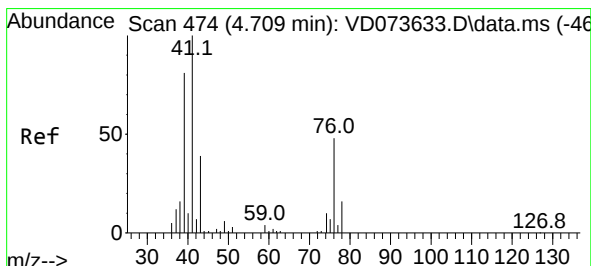
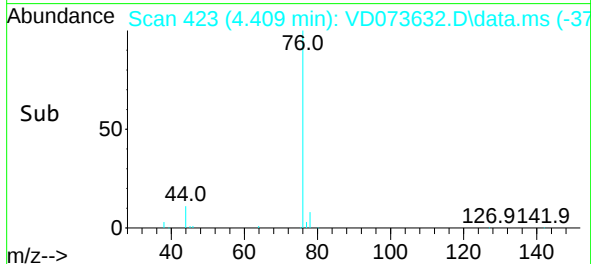
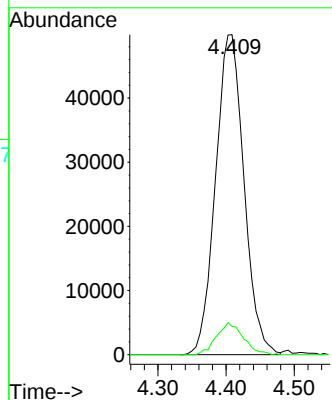
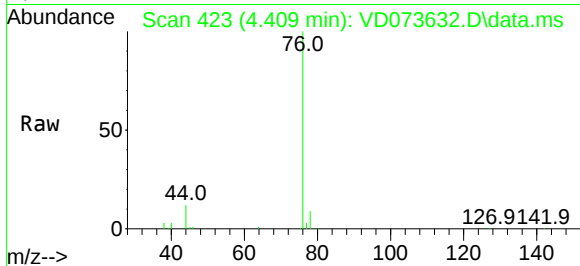




#17
Carbon Disulfide
Concen: 21.237 ug/l
RT: 4.409 min Scan# 417
Delta R.T. 0.006 min
Lab File: VD073632.D
Acq: 20 Jun 2022 14:38

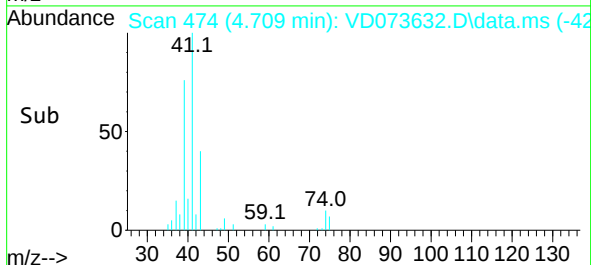
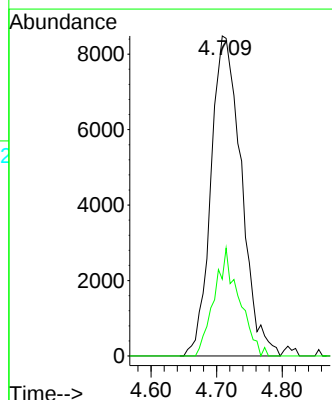
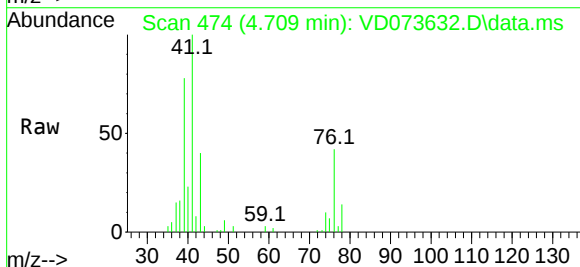
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

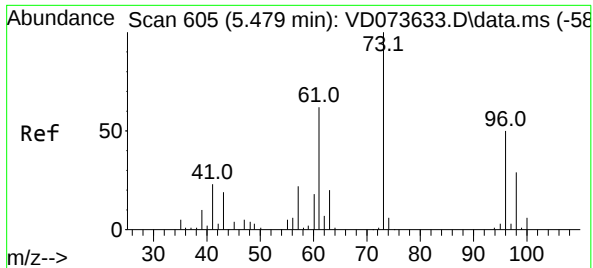
Tgt Ion: 76 Resp: 144792
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.4



#18
Methyl Acetate
Concen: 18.999 ug/l
RT: 4.709 min Scan# 474
Delta R.T. 0.000 min
Lab File: VD073632.D
Acq: 20 Jun 2022 14:38

Tgt Ion: 43 Resp: 27293
Ion Ratio Lower Upper
43 100
74 27.6 21.2 31.8





#19

Methyl tert-butyl Ether

Concen: 19.827 ug/l

RT: 5.485 min Scan# 605

Delta R.T. 0.006 min

Lab File: VD073632.D

Acq: 20 Jun 2022 14:38

Instrument :

MSVOA_D

ClientSampleId :

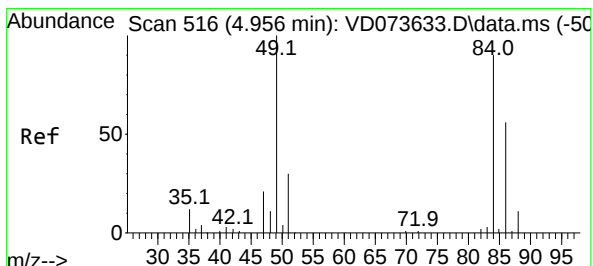
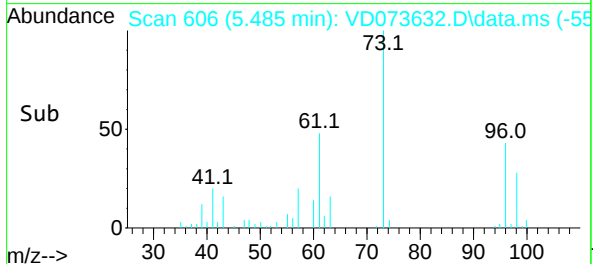
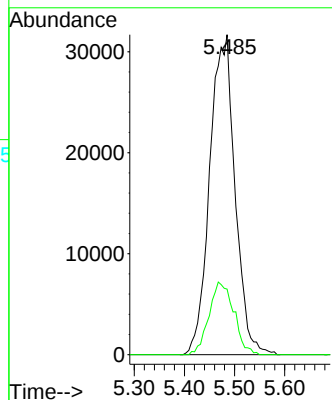
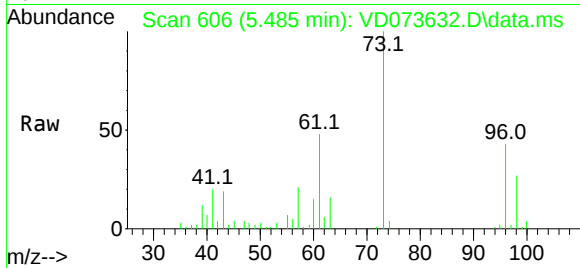
VSTDIC020

Tgt Ion: 73 Resp: 110951

Ion Ratio Lower Upper

73 100

57 20.5 17.7 26.5



#20

Methylene Chloride

Concen: 19.732 ug/l

RT: 4.962 min Scan# 517

Delta R.T. 0.006 min

Lab File: VD073632.D

Acq: 20 Jun 2022 14:38

Tgt Ion: 84 Resp: 70918

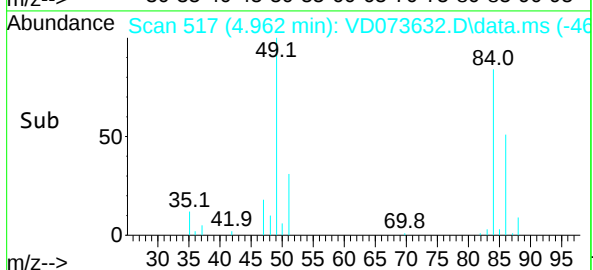
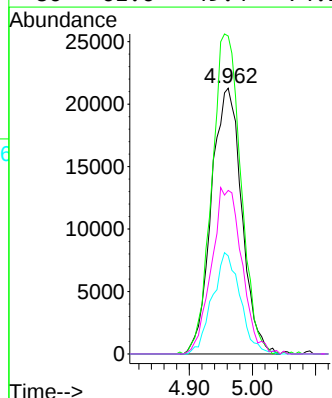
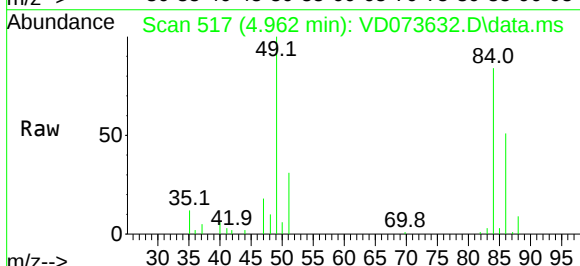
Ion Ratio Lower Upper

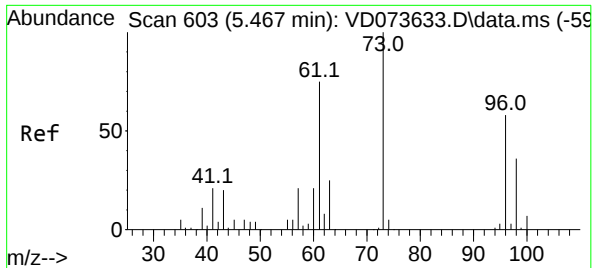
84 100

49 119.6 89.0 133.6

51 36.9 26.7 40.1

86 61.6 49.4 74.2

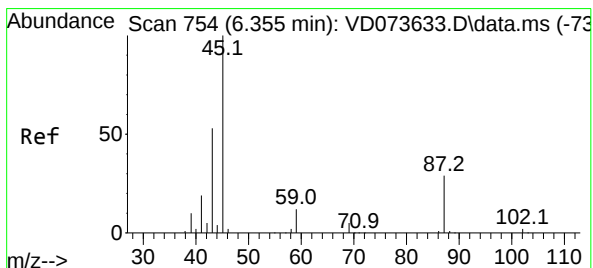
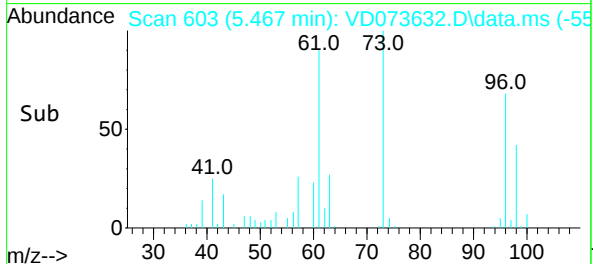
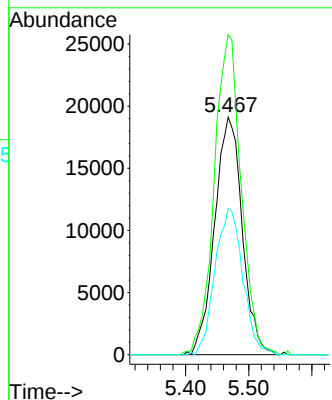
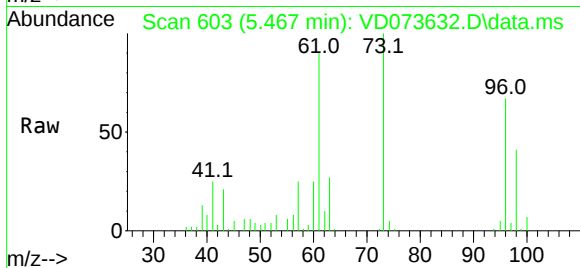




#21
trans-1,2-Dichloroethene
Concen: 20.607 ug/l
RT: 5.467 min Scan# 603
Delta R.T. 0.000 min
Lab File: VD073632.D
Acq: 20 Jun 2022 14:38

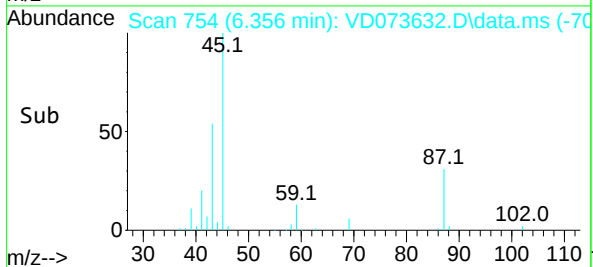
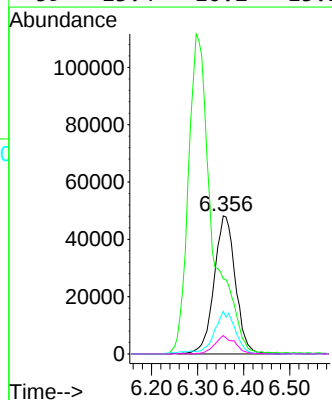
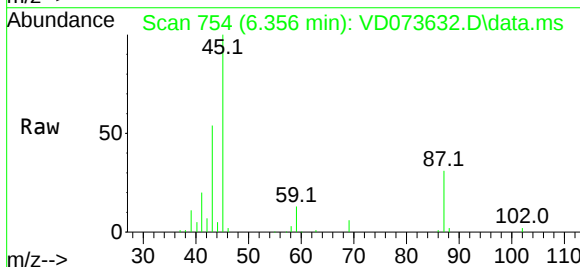
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

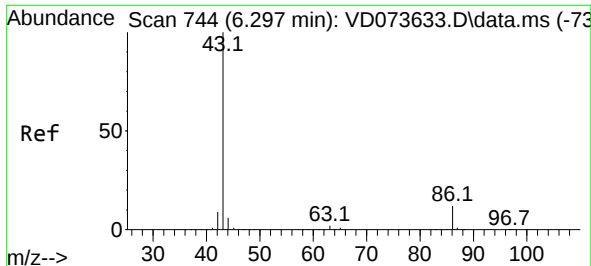
Tgt Ion: 96 Resp: 57948
Ion Ratio Lower Upper
96 100
61 134.7 103.2 154.8
98 61.7 50.2 75.4



#22
Diisopropyl ether
Concen: 20.244 ug/l
RT: 6.356 min Scan# 754
Delta R.T. 0.000 min
Lab File: VD073632.D
Acq: 20 Jun 2022 14:38

Tgt Ion: 45 Resp: 154570
Ion Ratio Lower Upper
45 100
43 53.6 43.8 65.6
87 30.9 23.8 35.6
59 13.4 10.2 15.2

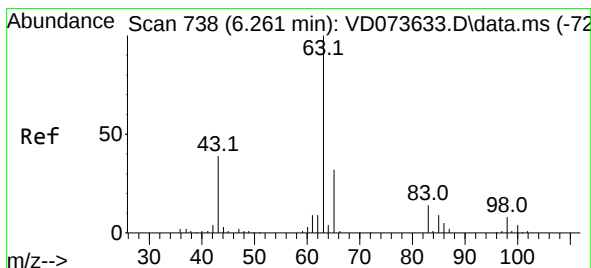
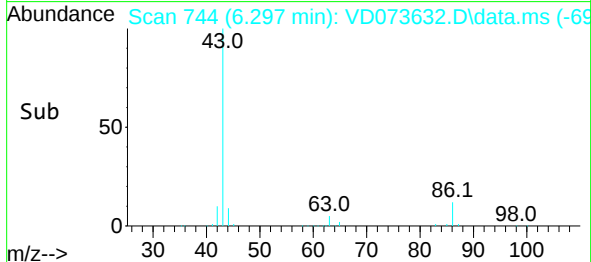
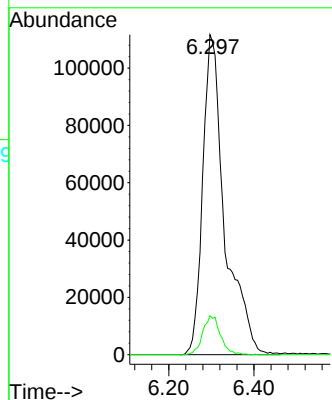
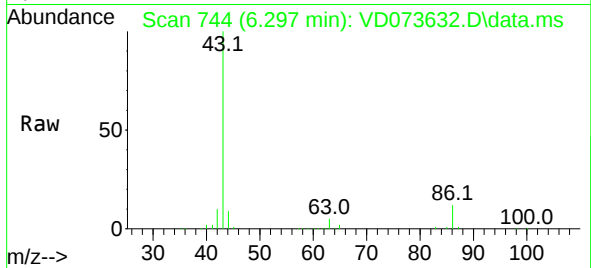




#23
 Vinyl Acetate
 Concen: 102.514 ug/l
 RT: 6.297 min Scan# 744
 Delta R.T. 0.000 min
 Lab File: VD073632.D
 Acq: 20 Jun 2022 14:38

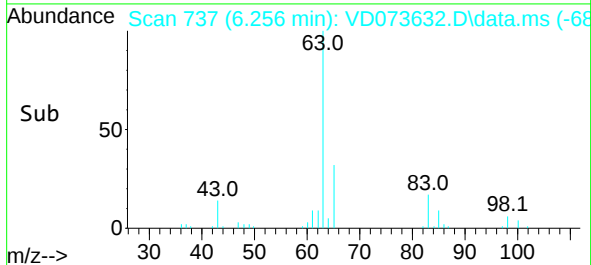
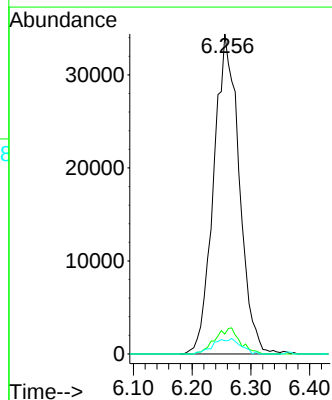
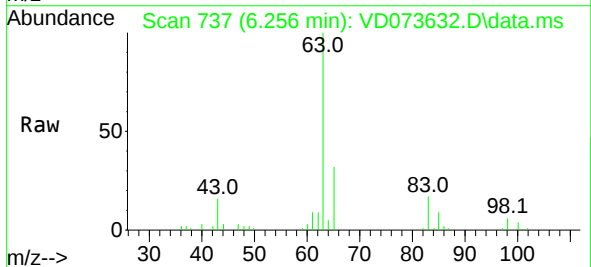
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

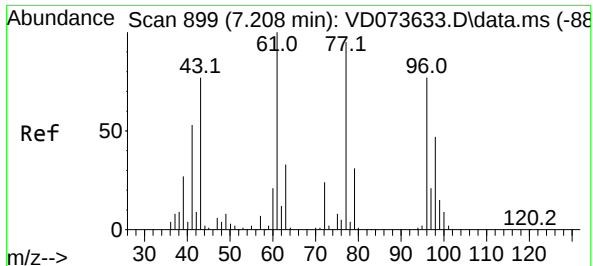
Tgt Ion: 43 Resp: 399939
 Ion Ratio Lower Upper
 43 100
 86 12.1 9.4 14.0



#24
 1,1-Dichloroethane
 Concen: 20.290 ug/l
 RT: 6.256 min Scan# 737
 Delta R.T. -0.006 min
 Lab File: VD073632.D
 Acq: 20 Jun 2022 14:38

Tgt Ion: 63 Resp: 103738
 Ion Ratio Lower Upper
 63 100
 98 6.2 4.1 12.3
 100 4.1 2.1 6.2





#25

2-Butanone

Concen: 96.040 ug/l

RT: 7.208 min Scan# 899

Delta R.T. 0.000 min

Lab File: VD073632.D

Acq: 20 Jun 2022 14:38

Instrument :

MSVOA_D

ClientSampleId :

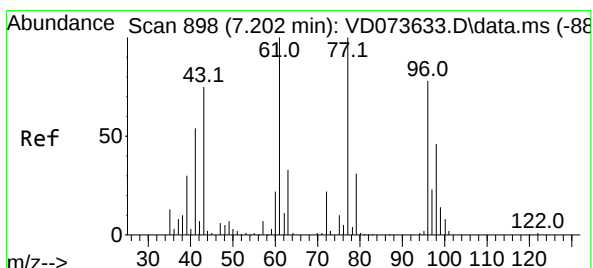
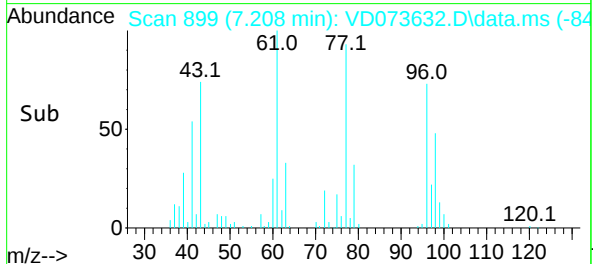
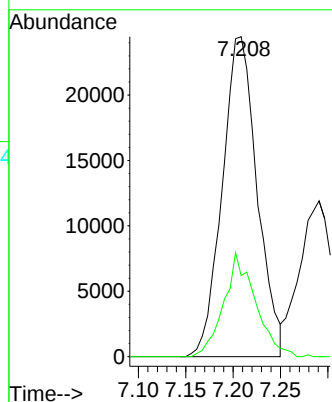
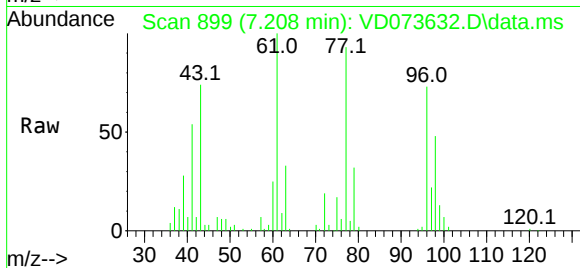
VSTDIC020

Tgt Ion: 43 Resp: 62758

Ion Ratio Lower Upper

43 100

72 25.4 24.7 37.1



#26

2,2-Dichloropropane

Concen: 20.229 ug/l

RT: 7.203 min Scan# 898

Delta R.T. 0.000 min

Lab File: VD073632.D

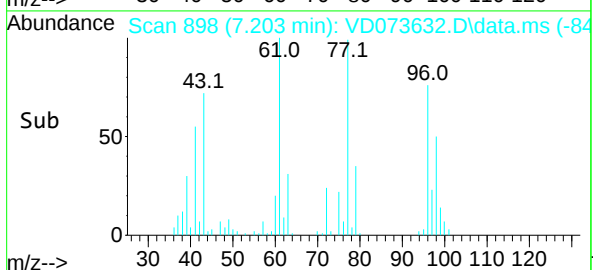
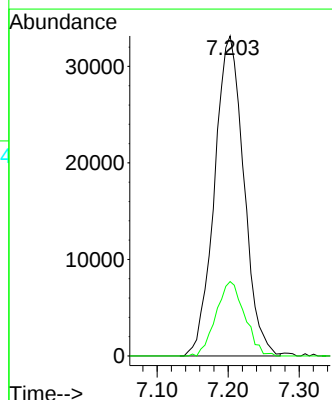
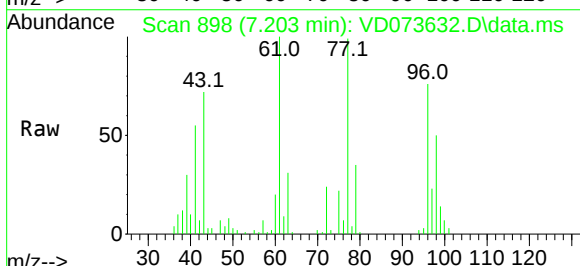
Acq: 20 Jun 2022 14:38

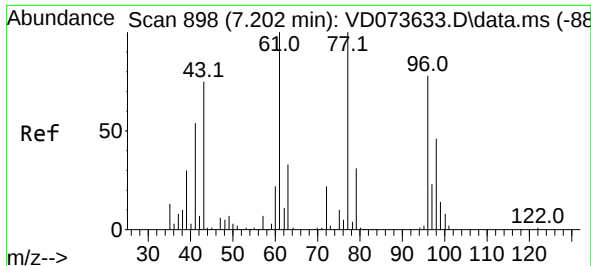
Tgt Ion: 77 Resp: 95018

Ion Ratio Lower Upper

77 100

97 22.7 11.4 34.2

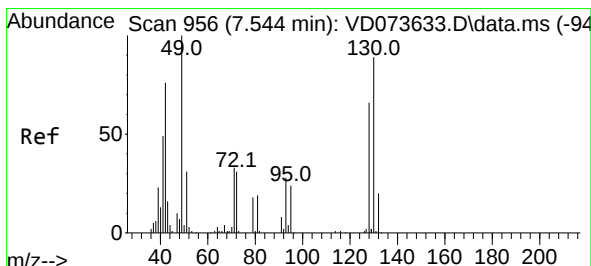
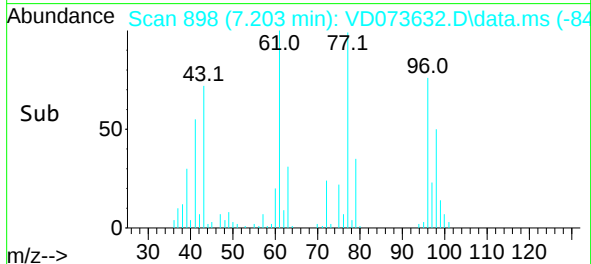
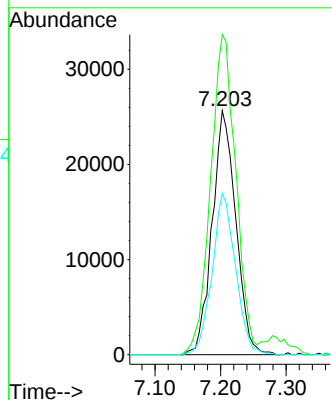
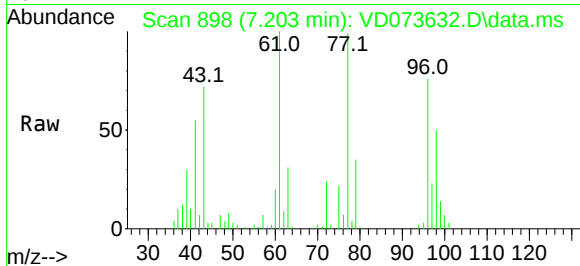




#27
 cis-1,2-Dichloroethene
 Concen: 19.799 ug/l
 RT: 7.203 min Scan# 898
 Delta R.T. 0.000 min
 Lab File: VD073632.D
 Acq: 20 Jun 2022 14:38

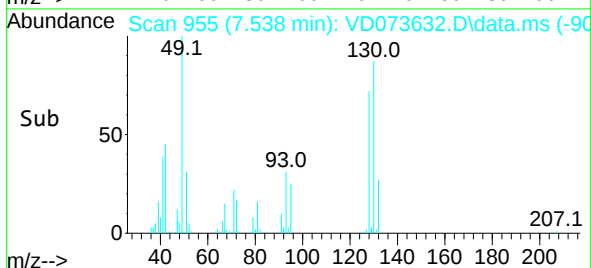
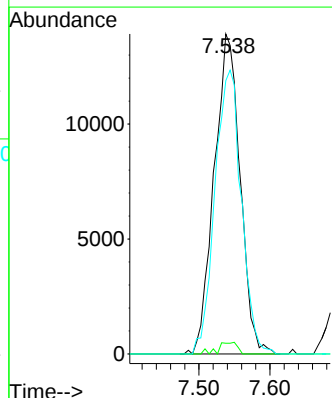
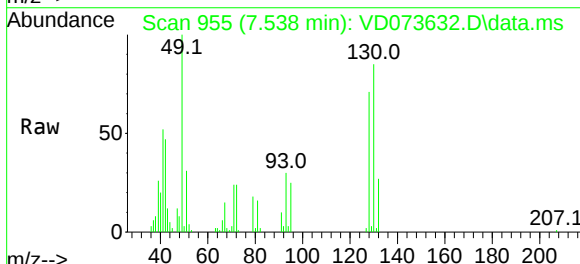
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

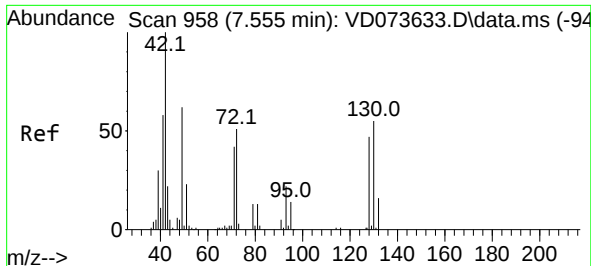
Tgt Ion: 96 Resp: 64224
 Ion Ratio Lower Upper
 96 100
 61 140.2 0.0 273.2
 98 65.6 0.0 126.8



#28
 Bromochloromethane
 Concen: 18.374 ug/l
 RT: 7.538 min Scan# 955
 Delta R.T. -0.006 min
 Lab File: VD073632.D
 Acq: 20 Jun 2022 14:38

Tgt Ion: 49 Resp: 35186
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.8
 130 90.4 72.2 108.2





#29

Tetrahydrofuran

Concen: 97.645 ug/l

RT: 7.556 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD073632.D

Acq: 20 Jun 2022 14:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

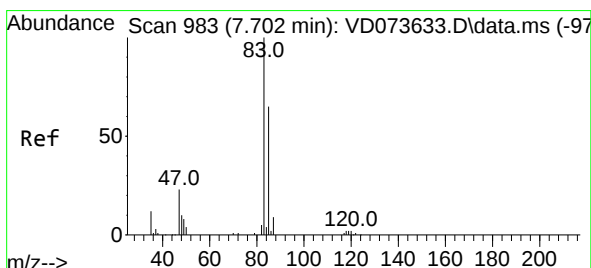
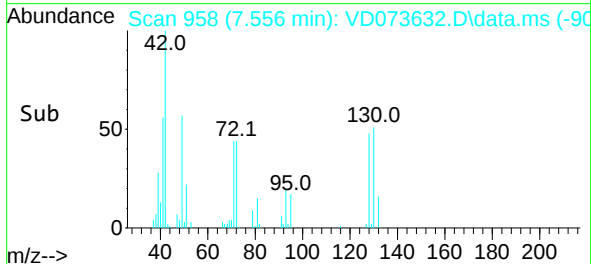
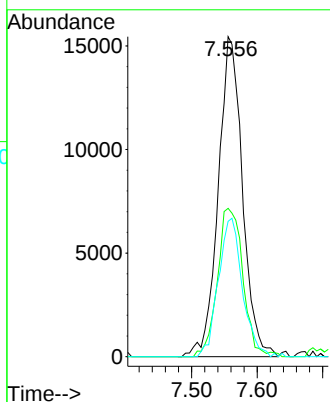
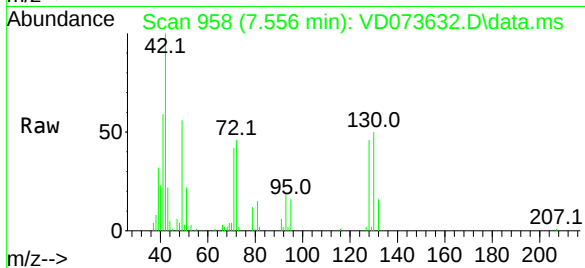
Tgt Ion: 42 Resp: 39572

Ion Ratio Lower Upper

42 100

72 48.9 37.9 56.9

71 43.2 35.2 52.8



#30

Chloroform

Concen: 19.778 ug/l

RT: 7.703 min Scan# 983

Delta R.T. 0.000 min

Lab File: VD073632.D

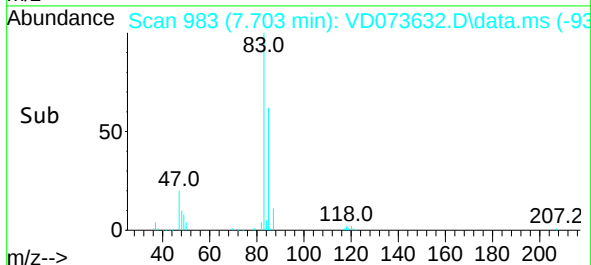
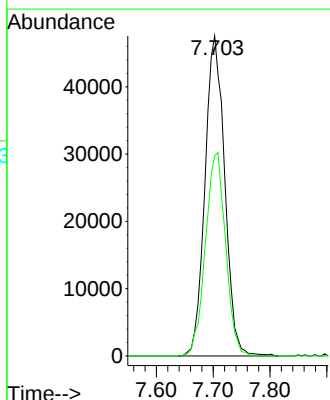
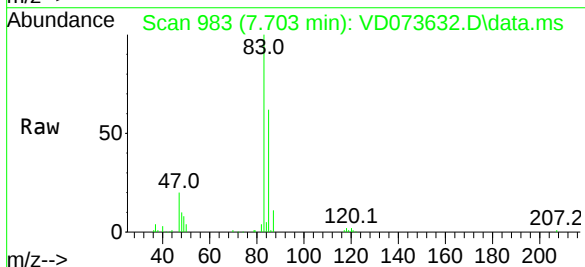
Acq: 20 Jun 2022 14:38

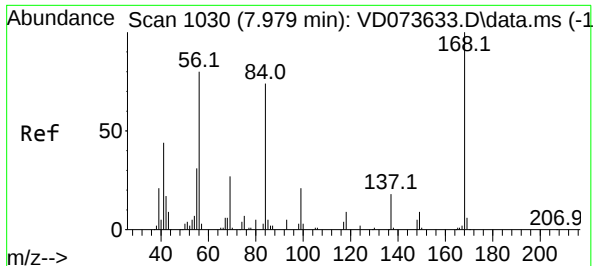
Tgt Ion: 83 Resp: 114478

Ion Ratio Lower Upper

83 100

85 62.5 51.8 77.8





#31

Cyclohexane

Concen: 19.438 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. 0.000 min

Lab File: VD073632.D

Acq: 20 Jun 2022 14:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

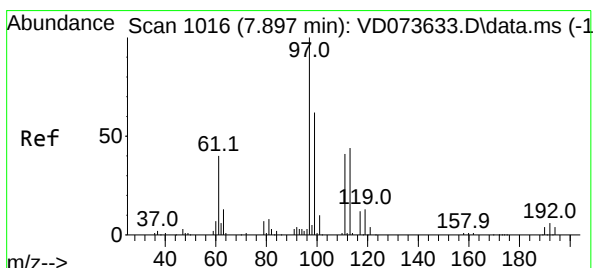
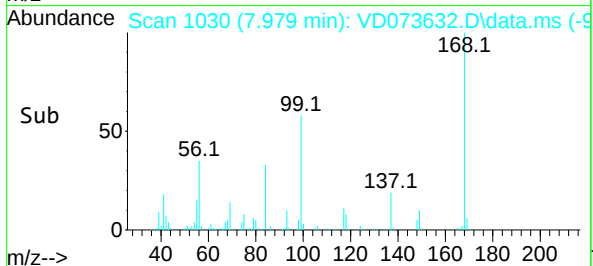
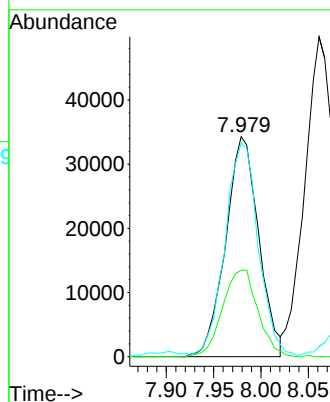
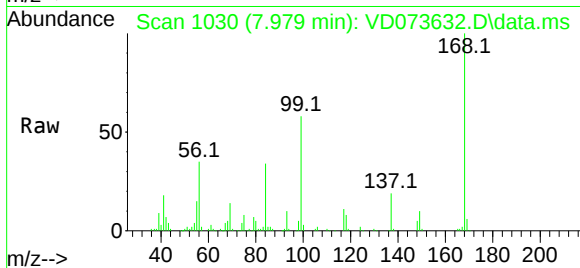
Tgt Ion: 56 Resp: 83507

Ion Ratio Lower Upper

56 100

69 39.3 26.9 40.3

84 96.0 73.8 110.8



#32

1,1,1-Trichloroethane

Concen: 20.227 ug/l

RT: 7.897 min Scan# 1016

Delta R.T. 0.000 min

Lab File: VD073632.D

Acq: 20 Jun 2022 14:38

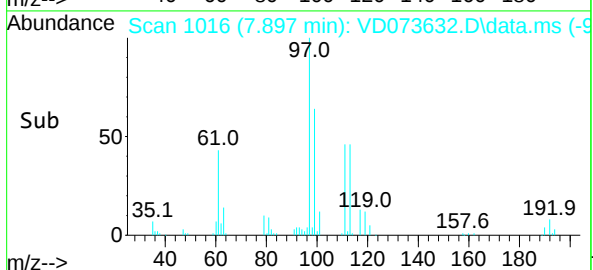
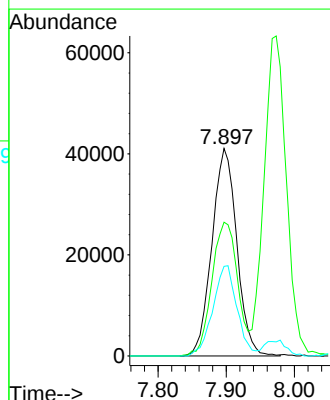
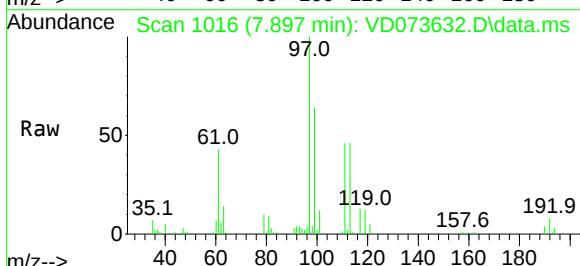
Tgt Ion: 97 Resp: 104179

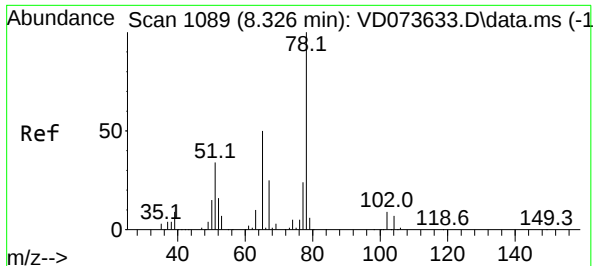
Ion Ratio Lower Upper

97 100

99 66.5 51.0 76.4

61 42.2 32.7 49.1





#33

1,2-Dichloroethane-d4

Concen: 20.158 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD073632.D

Acq: 20 Jun 2022 14:38

Instrument :

MSVOA_D

ClientSampleId :

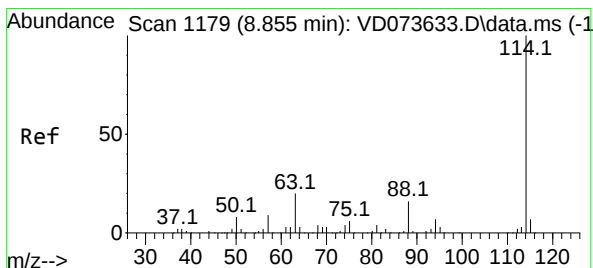
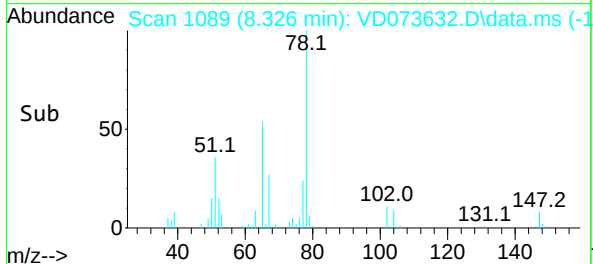
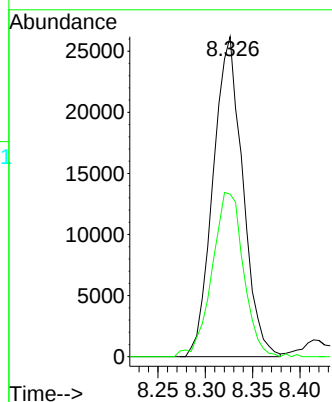
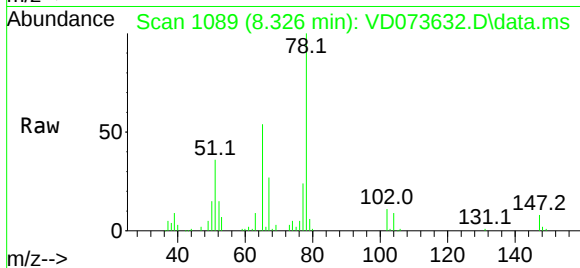
VSTDIC020

Tgt Ion: 65 Resp: 56918

Ion Ratio Lower Upper

65 100

67 54.2 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073632.D

Acq: 20 Jun 2022 14:38

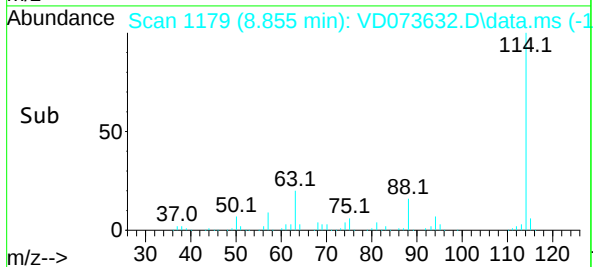
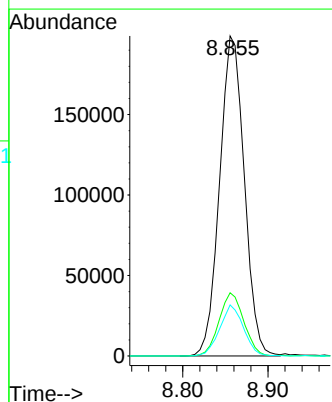
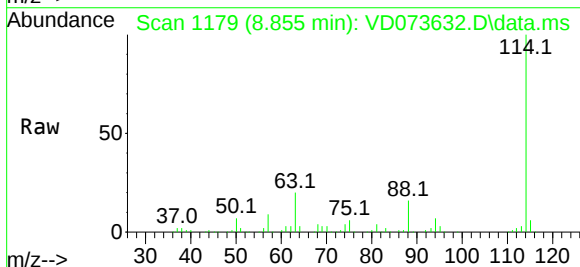
Tgt Ion: 114 Resp: 400154

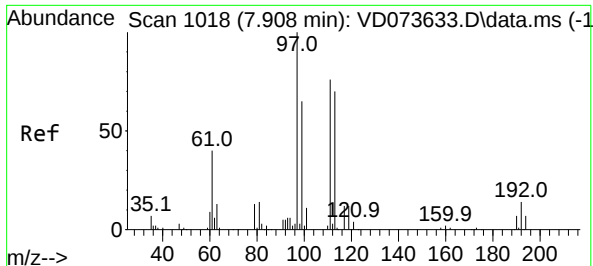
Ion Ratio Lower Upper

114 100

63 19.8 0.0 40.4

88 16.0 0.0 32.2





#35

Dibromofluoromethane

Concen: 20.097 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD073632.D

Acq: 20 Jun 2022 14:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

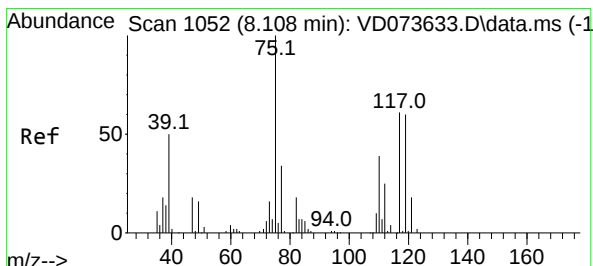
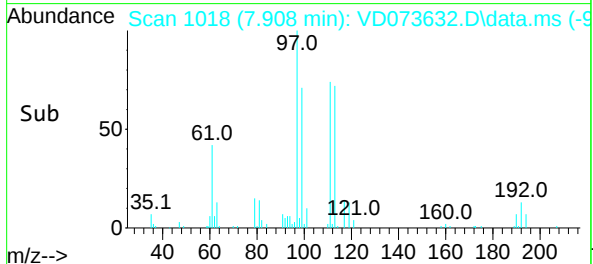
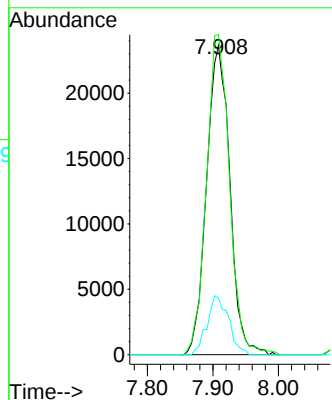
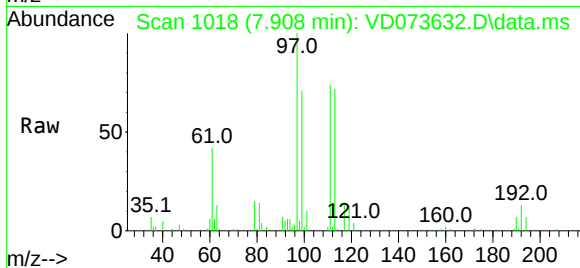
Tgt Ion:113 Resp: 58339

Ion Ratio Lower Upper

113 100

111 102.7 81.1 121.7

192 17.6 14.3 21.5



#36

1,1-Dichloropropene

Concen: 20.748 ug/l

RT: 8.103 min Scan# 1051

Delta R.T. -0.006 min

Lab File: VD073632.D

Acq: 20 Jun 2022 14:38

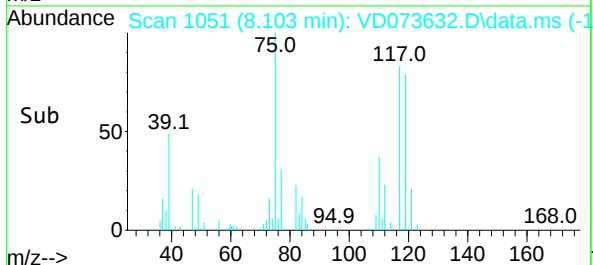
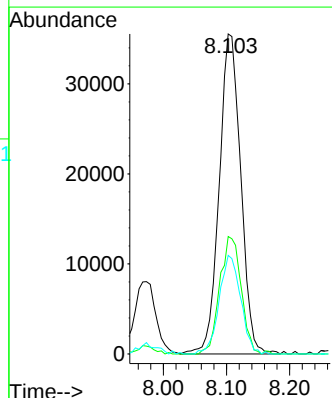
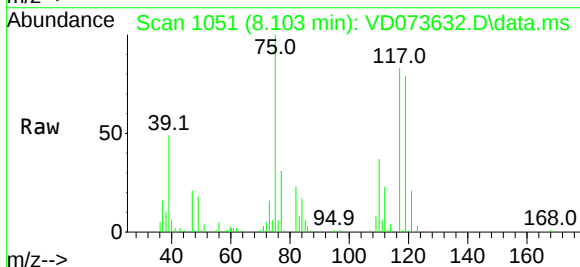
Tgt Ion: 75 Resp: 84361

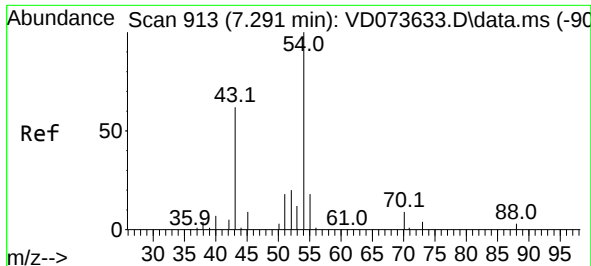
Ion Ratio Lower Upper

75 100

110 36.4 18.4 55.4

77 30.7 25.7 38.5





#37

Ethyl Acetate

Concen: 19.162 ug/l

RT: 7.291 min Scan# 913

Delta R.T. 0.000 min

Lab File: VD073632.D

Acq: 20 Jun 2022 14:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

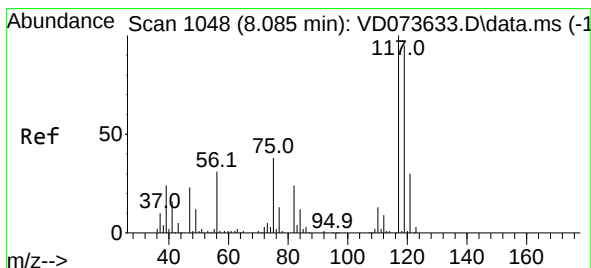
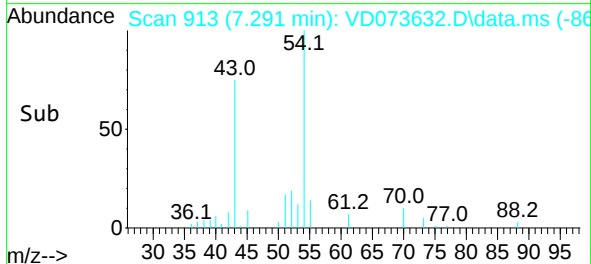
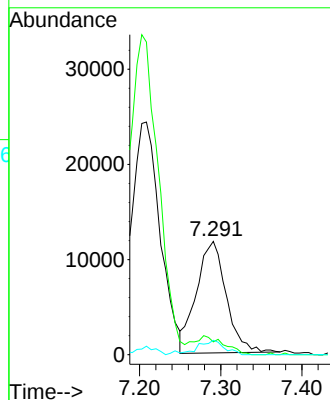
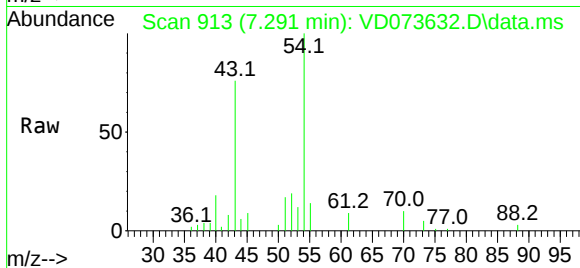
Tgt Ion: 43 Resp: 29979

Ion Ratio Lower Upper

43 100

61 14.0 10.5 15.7

70 10.6 8.9 13.3



#38

Carbon Tetrachloride

Concen: 20.512 ug/l

RT: 8.085 min Scan# 1048

Delta R.T. 0.000 min

Lab File: VD073632.D

Acq: 20 Jun 2022 14:38

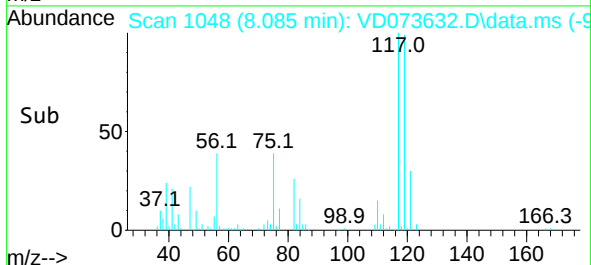
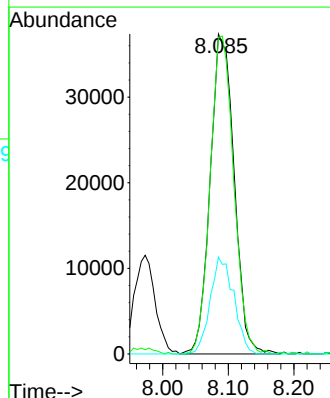
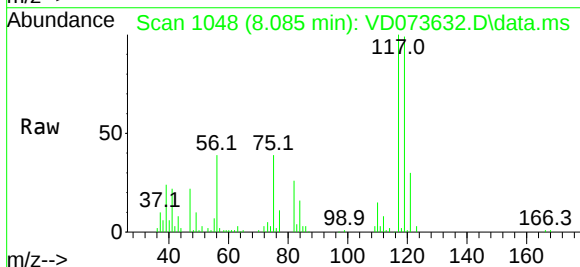
Tgt Ion: 117 Resp: 94728

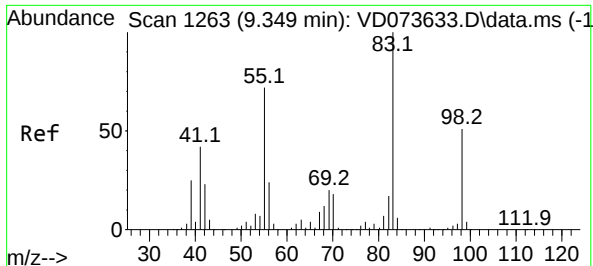
Ion Ratio Lower Upper

117 100

119 98.9 75.6 113.4

121 30.2 24.2 36.4





#39

Methylcyclohexane

Concen: 19.441 ug/l

RT: 9.350 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD073632.D

Acq: 20 Jun 2022 14:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

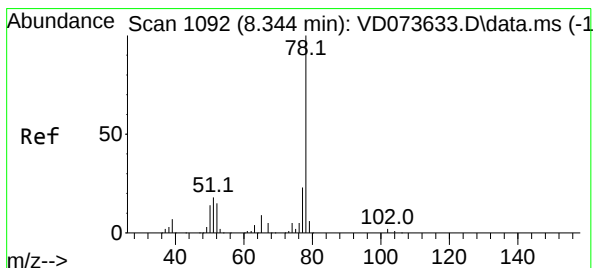
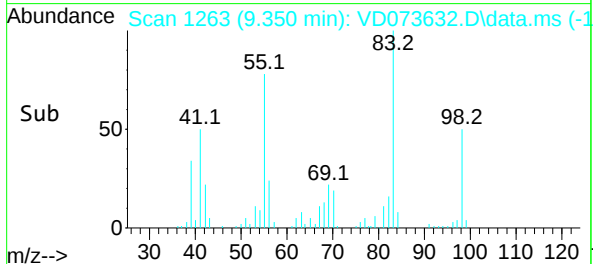
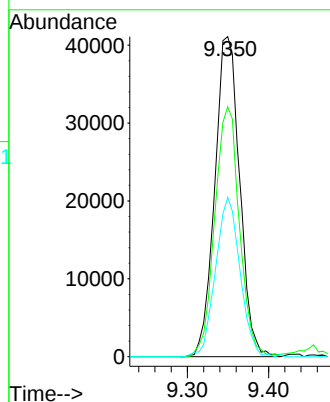
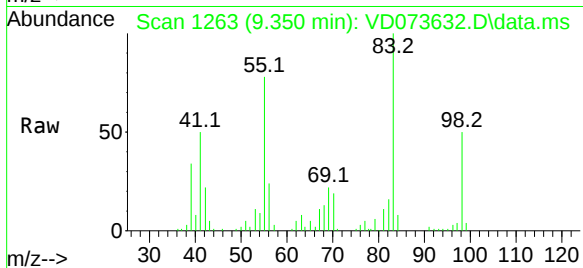
Tgt Ion: 83 Resp: 87588

Ion Ratio Lower Upper

83 100

55 78.1 57.4 86.2

98 49.7 40.6 60.8



#40

Benzene

Concen: 20.147 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VD073632.D

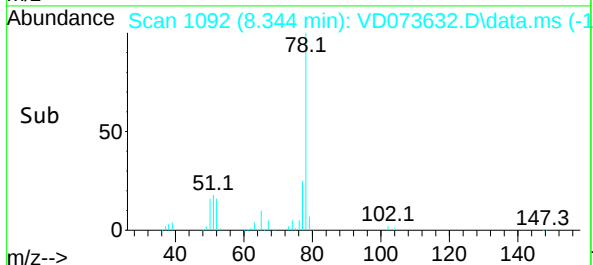
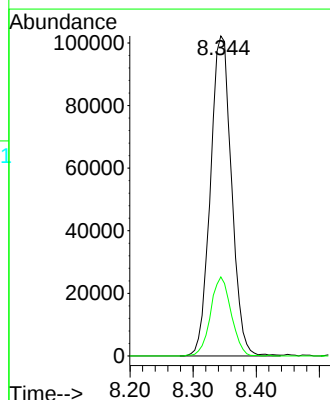
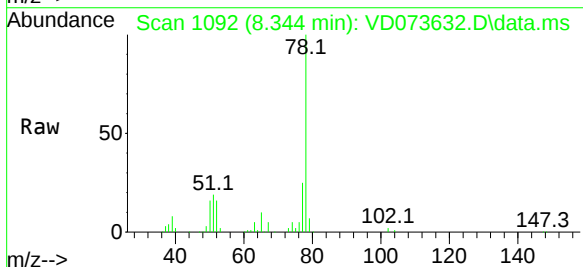
Acq: 20 Jun 2022 14:38

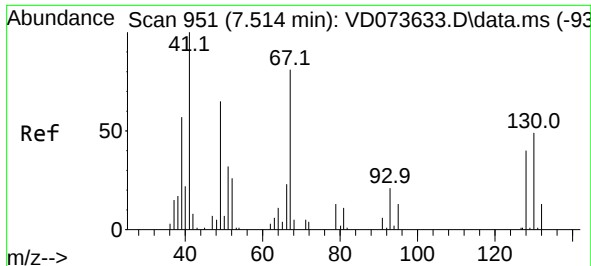
Tgt Ion: 78 Resp: 236963

Ion Ratio Lower Upper

78 100

77 24.7 18.6 27.8

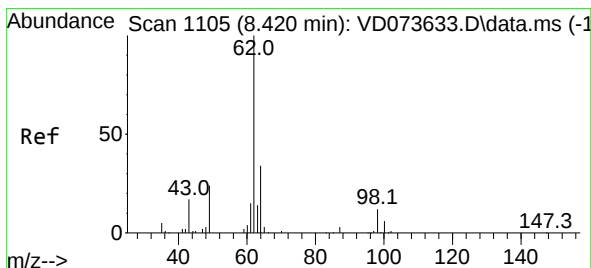
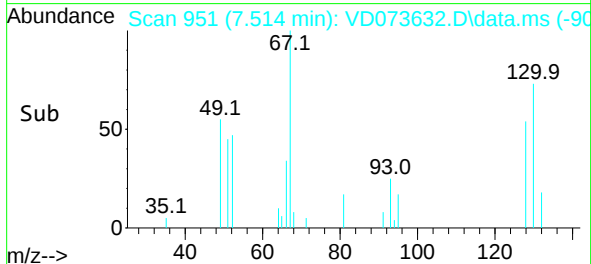
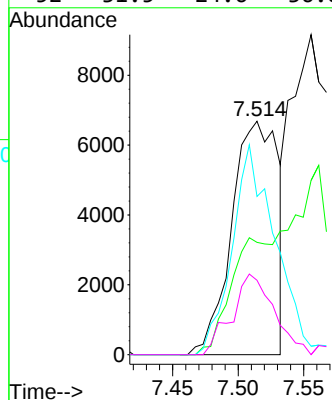
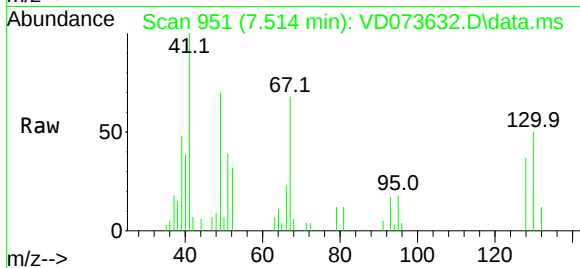




#41
Methacrylonitrile
Concen: 18.980 ug/l
RT: 7.514 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD073632.D
Acq: 20 Jun 2022 14:38

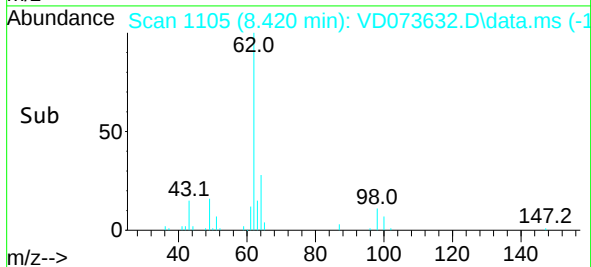
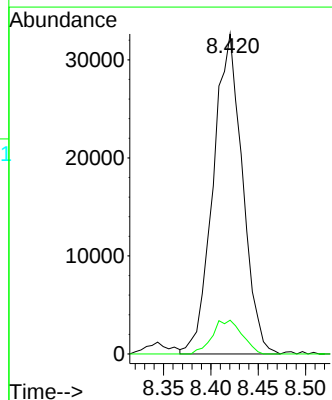
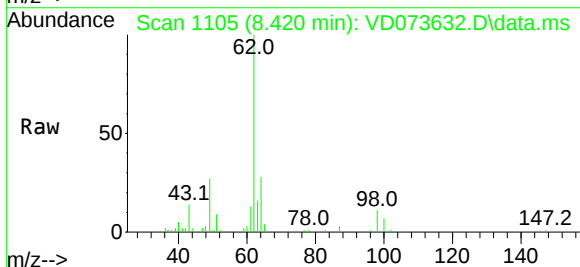
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

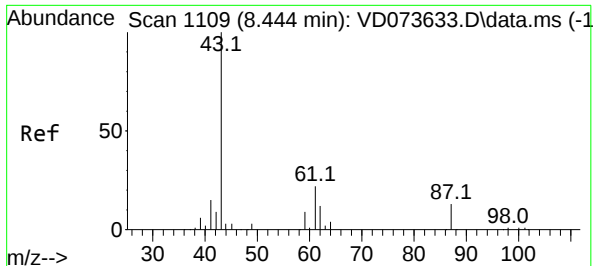
Tgt Ion: 41 Resp: 16437
Ion Ratio Lower Upper
41 100
39 45.1 43.0 64.6
67 83.9 60.8 91.2
52 31.5 24.6 36.8



#42
1,2-Dichloroethane
Concen: 20.004 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD073632.D
Acq: 20 Jun 2022 14:38

Tgt Ion: 62 Resp: 70282
Ion Ratio Lower Upper
62 100
98 10.7 0.0 20.6

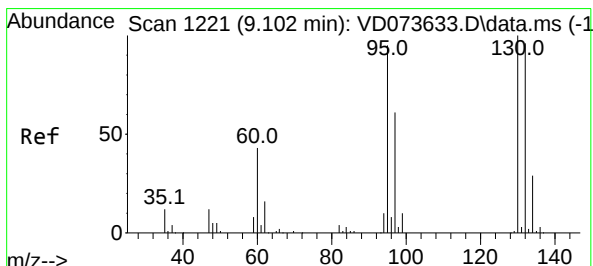
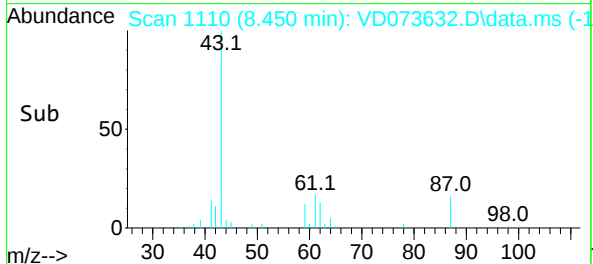
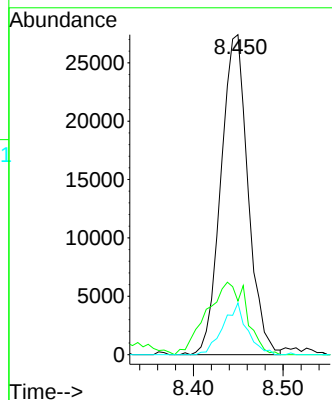
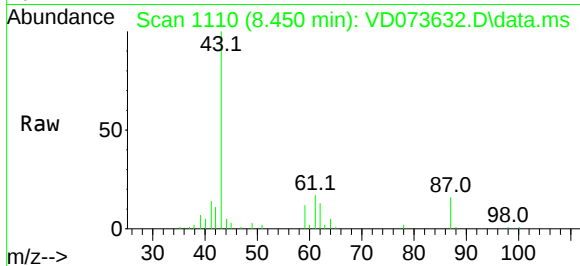




#43
Isopropyl Acetate
Concen: 19.502 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. 0.006 min
Lab File: VD073632.D
Acq: 20 Jun 2022 14:38

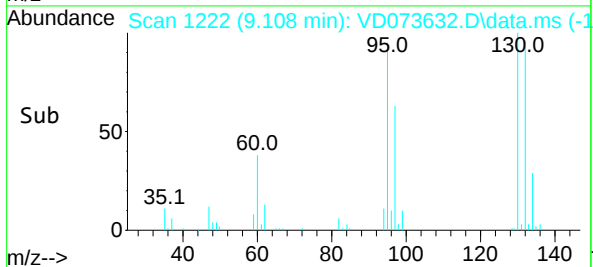
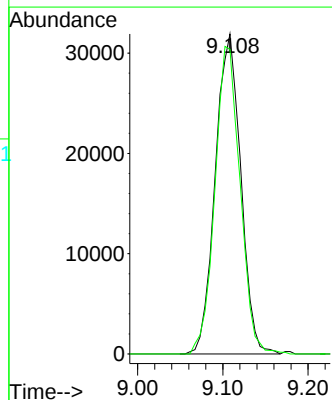
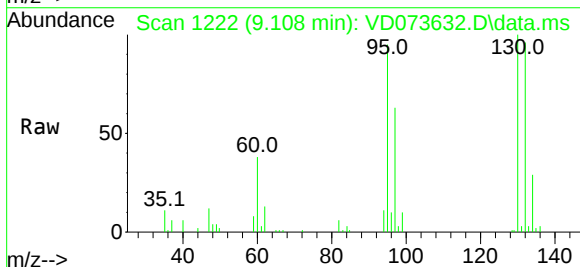
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

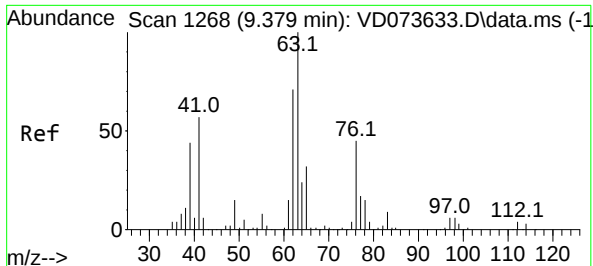
Tgt Ion: 43	Resp: 57437
Ion Ratio	Lower Upper
43 100	
61 33.5	27.0 40.6
87 14.4	11.8 17.8



#44
Trichloroethene
Concen: 19.832 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. 0.006 min
Lab File: VD073632.D
Acq: 20 Jun 2022 14:38

Tgt Ion:130	Resp: 66438
Ion Ratio	Lower Upper
130 100	
95 95.2	0.0 190.0





#45

1,2-Dichloropropane

Concen: 20.262 ug/l

RT: 9.379 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD073632.D

Acq: 20 Jun 2022 14:38

Instrument :

MSVOA_D

ClientSampleId :

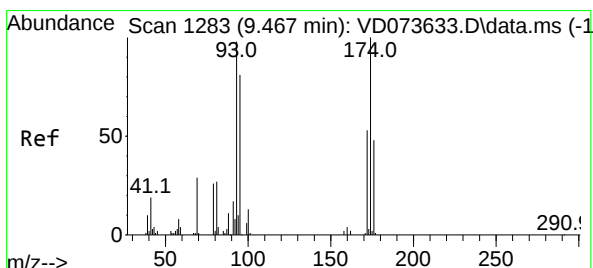
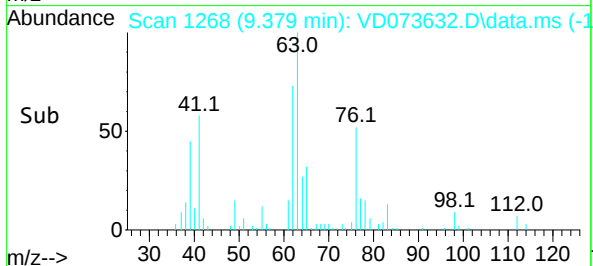
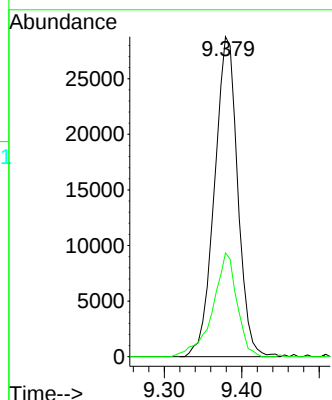
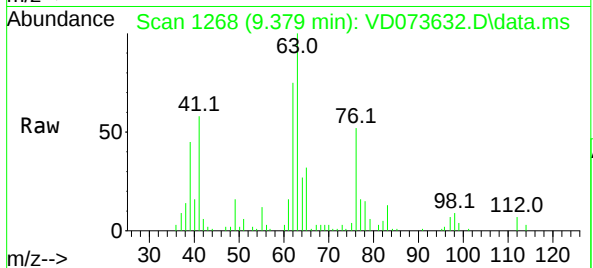
VSTDIC020

Tgt Ion: 63 Resp: 59888

Ion Ratio Lower Upper

63 100

65 31.9 25.3 37.9



#46

Dibromomethane

Concen: 19.698 ug/l

RT: 9.473 min Scan# 1284

Delta R.T. 0.006 min

Lab File: VD073632.D

Acq: 20 Jun 2022 14:38

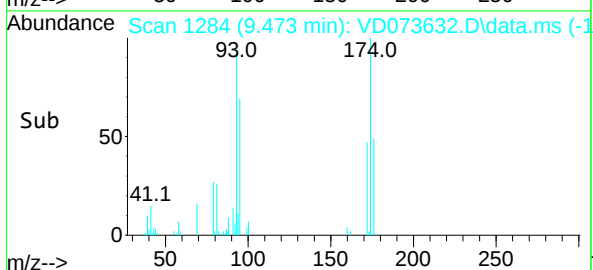
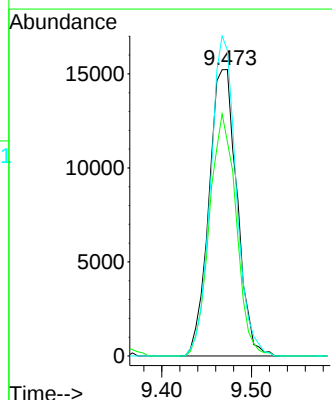
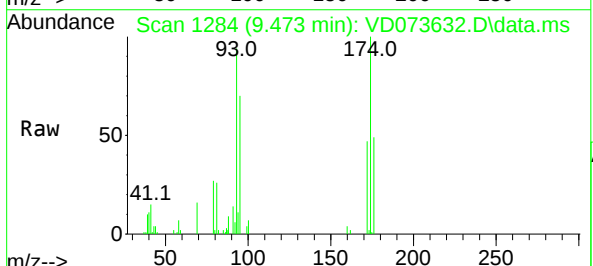
Tgt Ion: 93 Resp: 33063

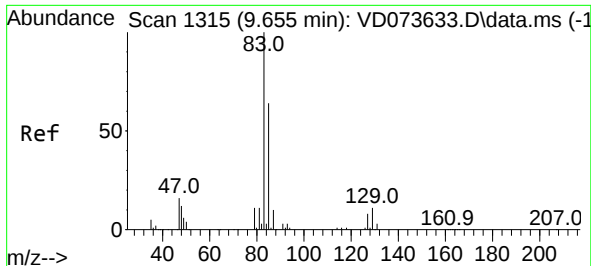
Ion Ratio Lower Upper

93 100

95 80.0 66.3 99.5

174 102.0 81.1 121.7

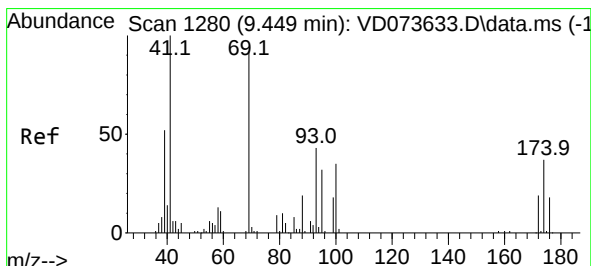
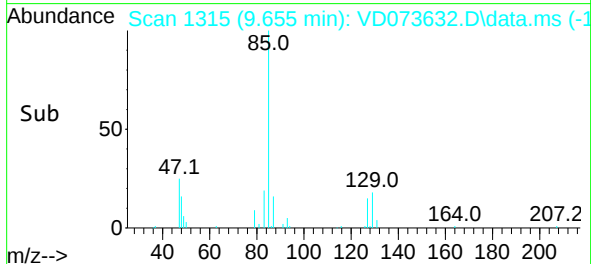
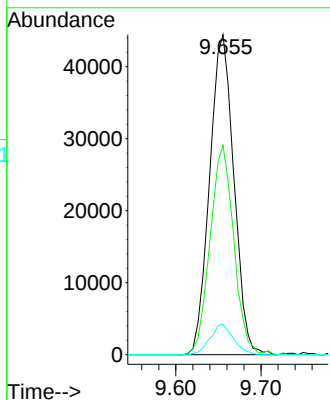
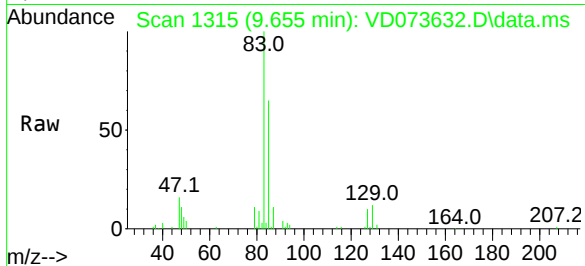




#47
Bromodichloromethane
Concen: 20.096 ug/l
RT: 9.655 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073632.D
Acq: 20 Jun 2022 14:38

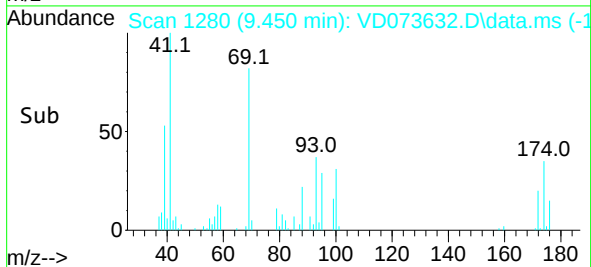
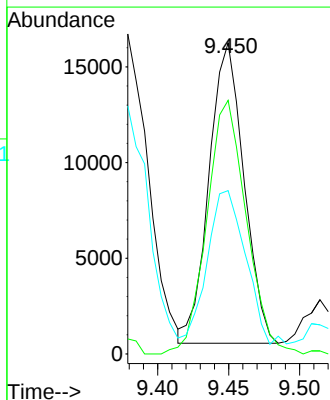
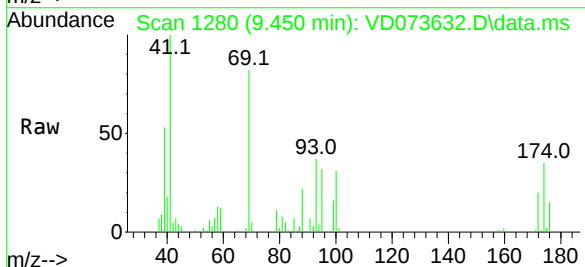
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

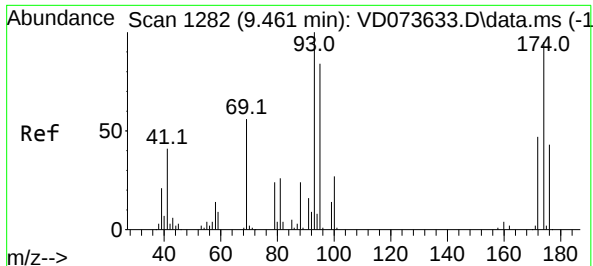
Tgt Ion: 83 Resp: 87776
Ion Ratio Lower Upper
83 100
85 65.5 51.4 77.2
127 9.5 6.4 9.6



#48
Methyl methacrylate
Concen: 17.975 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. 0.000 min
Lab File: VD073632.D
Acq: 20 Jun 2022 14:38

Tgt Ion: 41 Resp: 26798
Ion Ratio Lower Upper
41 100
69 95.5 67.6 101.4
39 57.3 45.4 68.0





#49

1,4-Dioxane

Concen: 385.977 ug/l

RT: 9.455 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD073632.D

Acq: 20 Jun 2022 14:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

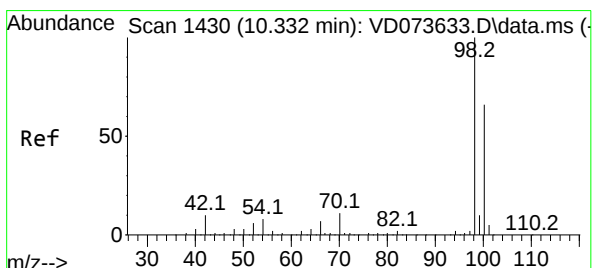
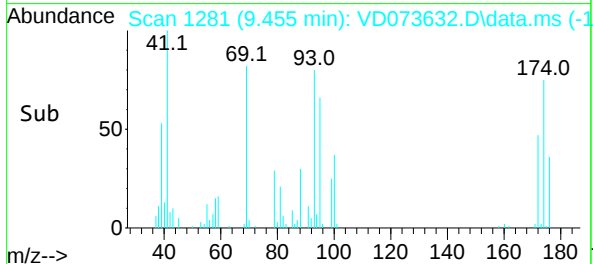
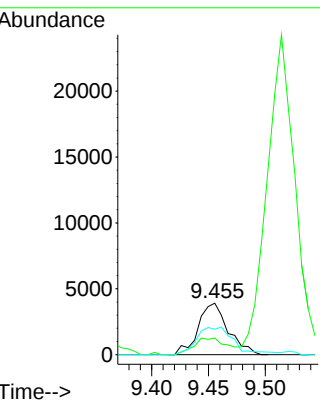
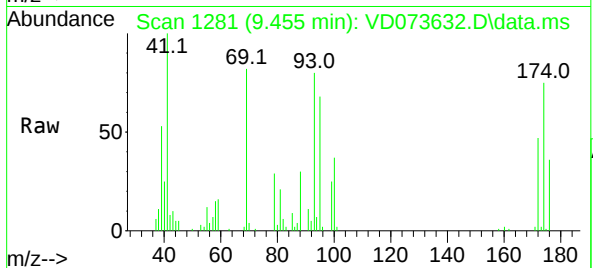
Tgt Ion: 88 Resp: 7179

Ion Ratio Lower Upper

88 100

43 34.8 29.8 44.8

58 66.8 56.9 85.3



#50

Toluene-d8

Concen: 20.639 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VD073632.D

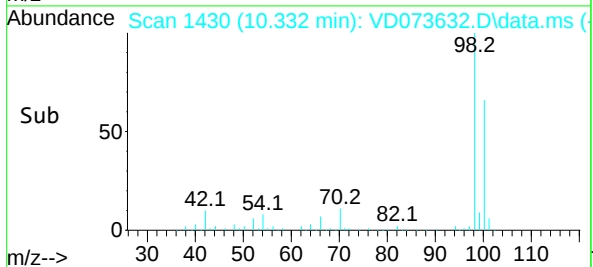
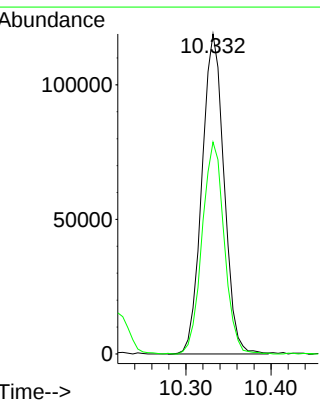
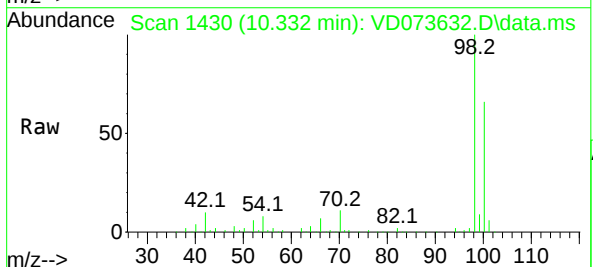
Acq: 20 Jun 2022 14:38

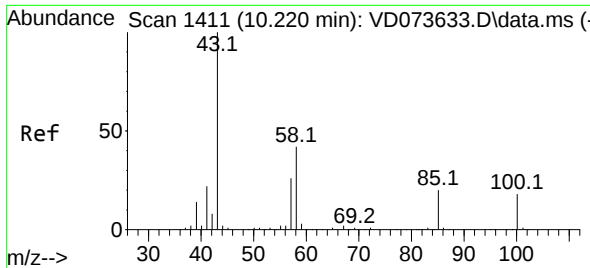
Tgt Ion: 98 Resp: 214444

Ion Ratio Lower Upper

98 100

100 66.2 51.4 77.2

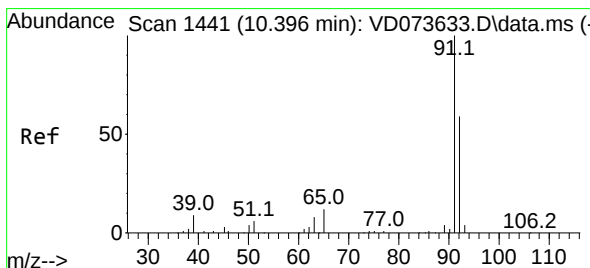
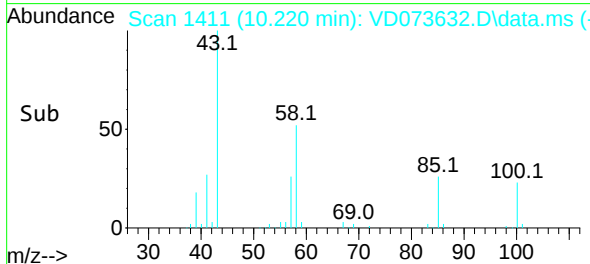
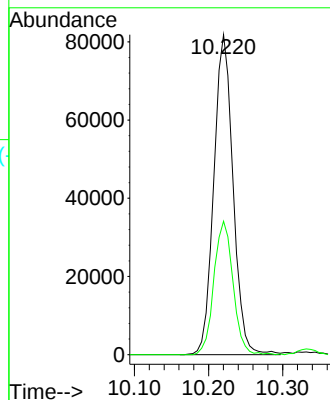
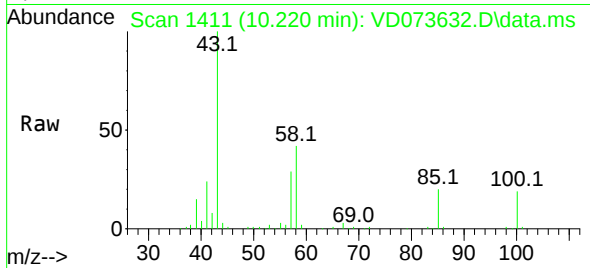




#51
4-Methyl-2-Pentanone
Concen: 97.645 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD073632.D
Acq: 20 Jun 2022 14:38

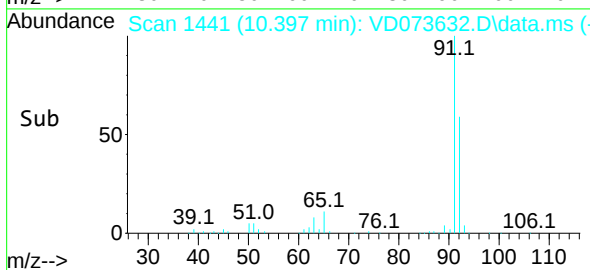
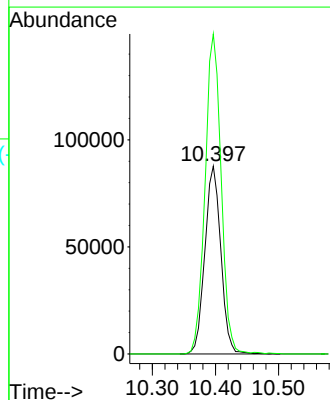
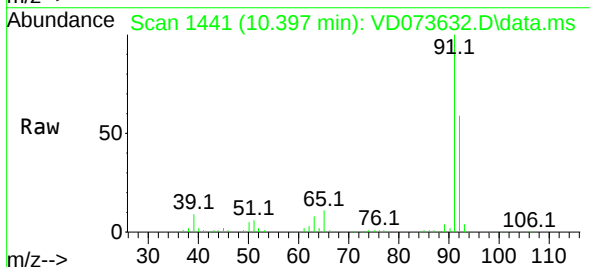
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

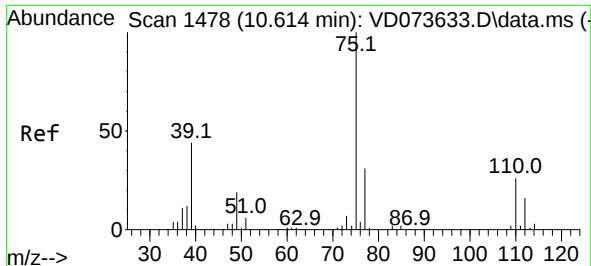
Tgt Ion: 43 Resp: 147648
Ion Ratio Lower Upper
43 100
58 41.4 32.4 48.6



#52
Toluene
Concen: 20.058 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VD073632.D
Acq: 20 Jun 2022 14:38

Tgt Ion: 92 Resp: 154196
Ion Ratio Lower Upper
92 100
91 171.0 136.1 204.1

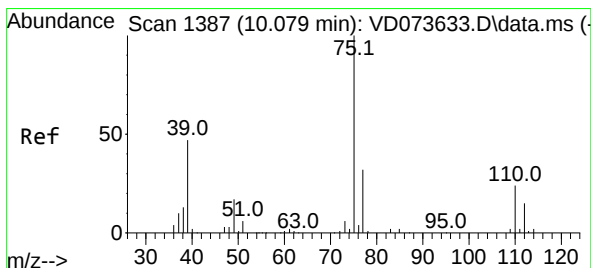
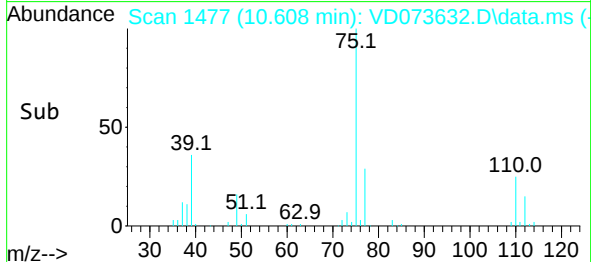
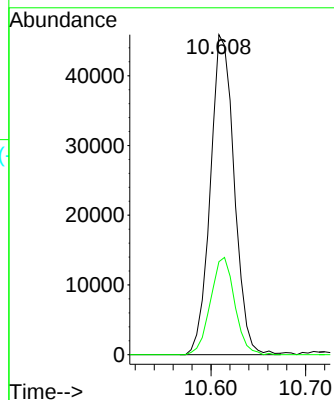
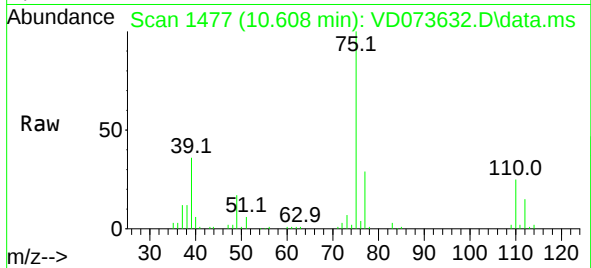




#53
 t-1,3-Dichloropropene
 Concen: 20.056 ug/l
 RT: 10.608 min Scan# 1477
 Delta R.T. -0.006 min
 Lab File: VD073632.D
 Acq: 20 Jun 2022 14:38

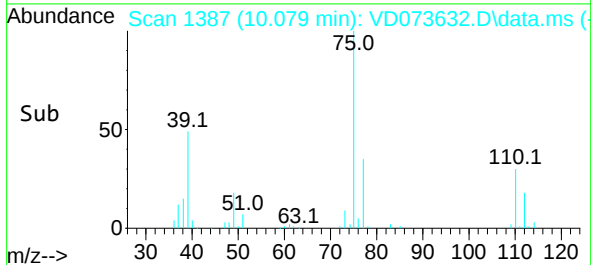
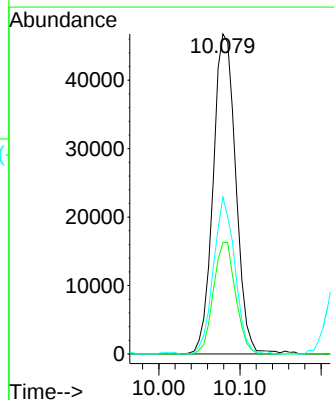
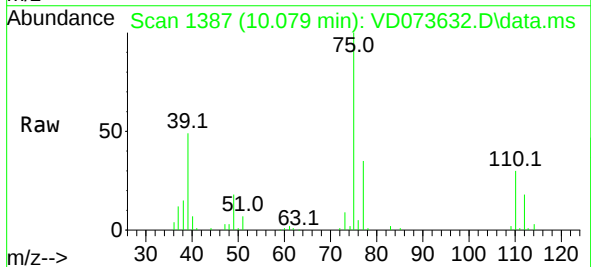
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

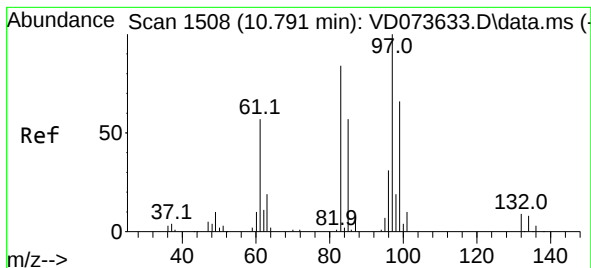
Tgt Ion: 75 Resp: 80221
 Ion Ratio Lower Upper
 75 100
 77 29.0 24.6 36.8



#54
 cis-1,3-Dichloropropene
 Concen: 19.392 ug/l
 RT: 10.079 min Scan# 1387
 Delta R.T. 0.000 min
 Lab File: VD073632.D
 Acq: 20 Jun 2022 14:38

Tgt Ion: 75 Resp: 90692
 Ion Ratio Lower Upper
 75 100
 77 34.9 25.8 38.8
 39 49.0 37.9 56.9





#55

1,1,2-Trichloroethane

Concen: 19.719 ug/l

RT: 10.791 min Scan# 1508

Delta R.T. 0.000 min

Lab File: VD073632.D

Acq: 20 Jun 2022 14:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

Tgt Ion: 97 Resp: 46736

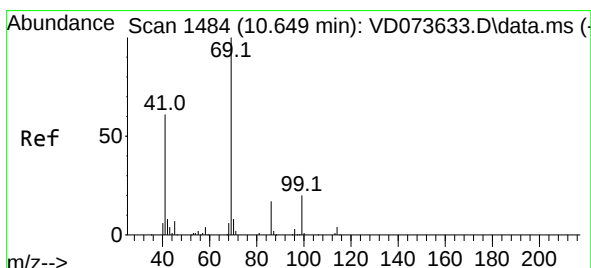
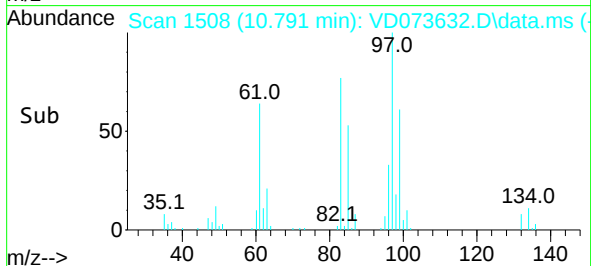
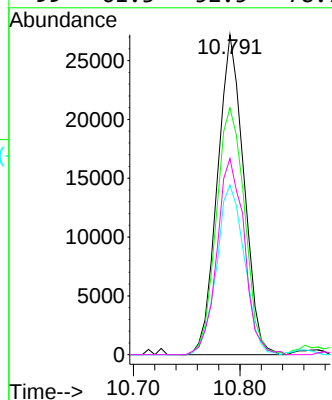
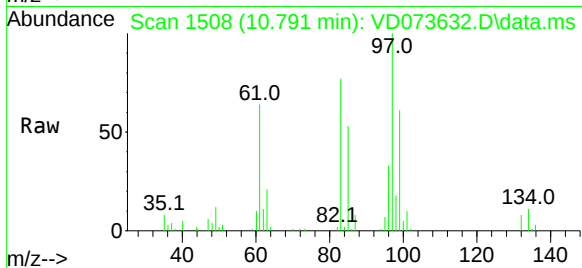
Ion Ratio Lower Upper

97 100

83 77.1 66.8 100.2

85 53.0 45.2 67.8

99 61.3 52.5 78.7



#56

Ethyl methacrylate

Concen: 18.688 ug/l

RT: 10.649 min Scan# 1484

Delta R.T. 0.000 min

Lab File: VD073632.D

Acq: 20 Jun 2022 14:38

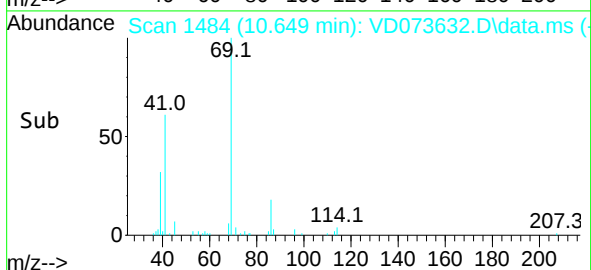
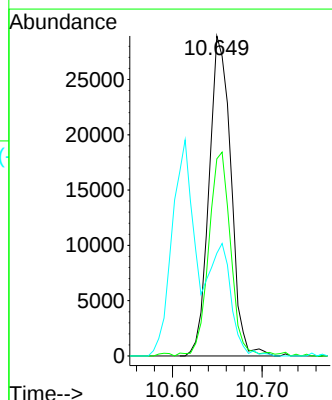
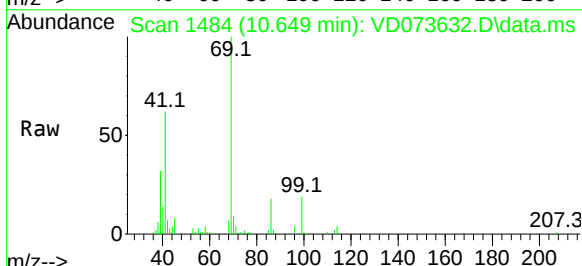
Tgt Ion: 69 Resp: 48878

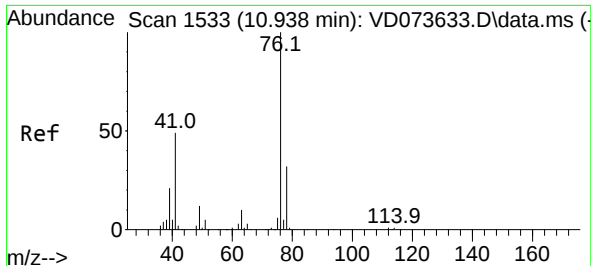
Ion Ratio Lower Upper

69 100

41 64.7 50.8 76.2

39 31.7 26.2 39.4





#57

1,3-Dichloropropane

Concen: 19.980 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VD073632.D

Acq: 20 Jun 2022 14:38

Instrument :

MSVOA_D

ClientSampleId :

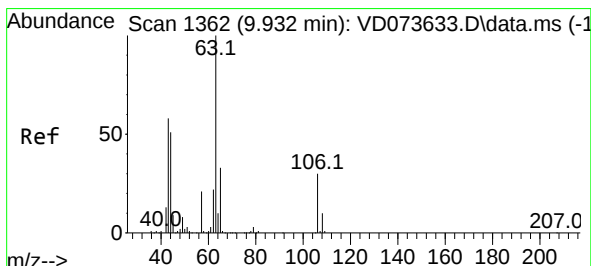
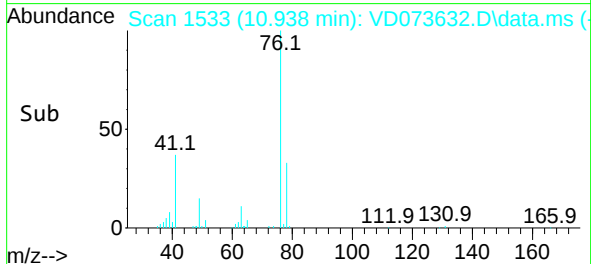
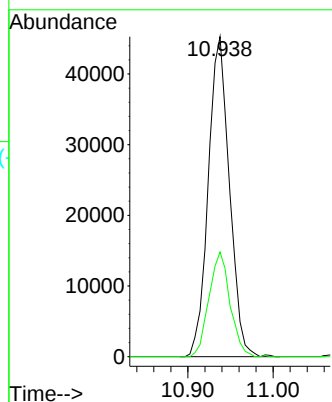
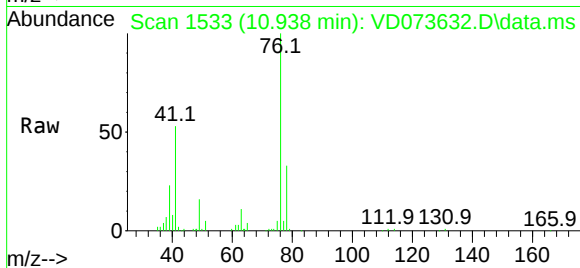
VSTDICC020

Tgt Ion: 76 Resp: 77995

Ion Ratio Lower Upper

76 100

78 32.5 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 97.897 ug/l

RT: 9.938 min Scan# 1363

Delta R.T. 0.006 min

Lab File: VD073632.D

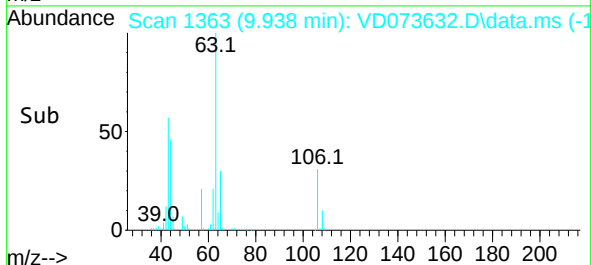
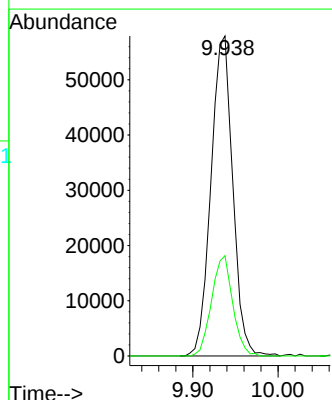
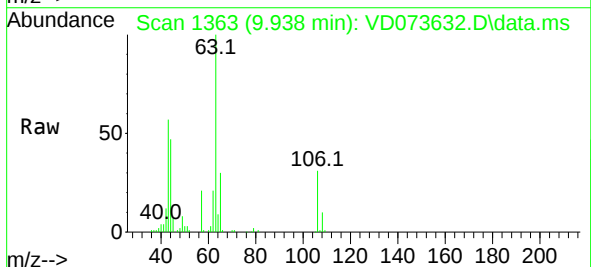
Acq: 20 Jun 2022 14:38

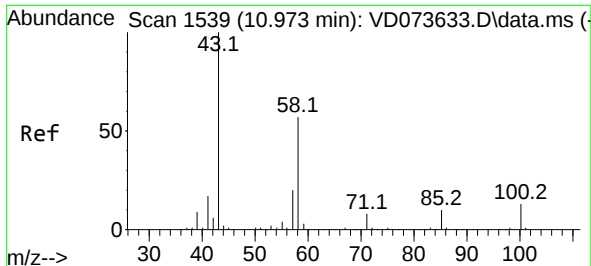
Tgt Ion: 63 Resp: 102973

Ion Ratio Lower Upper

63 100

106 30.3 23.7 35.5

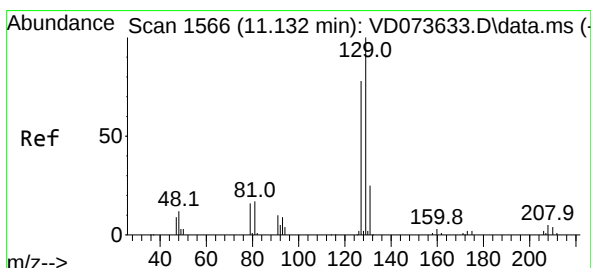
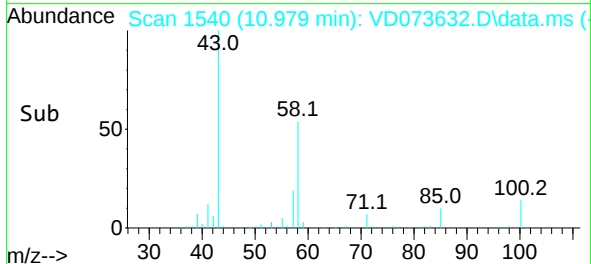
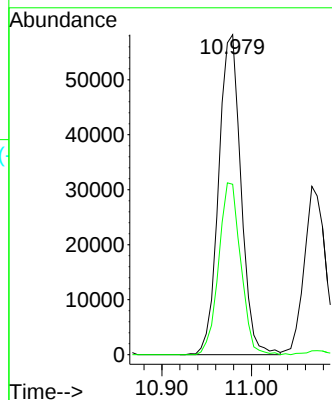
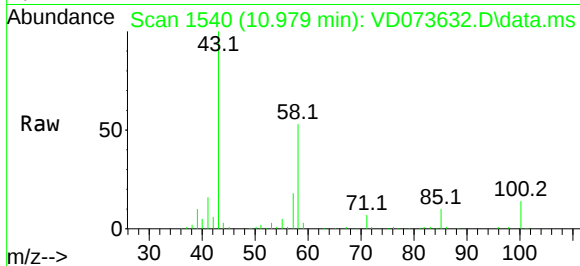




#59
2-Hexanone
Concen: 96.462 ug/l
RT: 10.979 min Scan# 1539
Delta R.T. 0.006 min
Lab File: VD073632.D
Acq: 20 Jun 2022 14:38

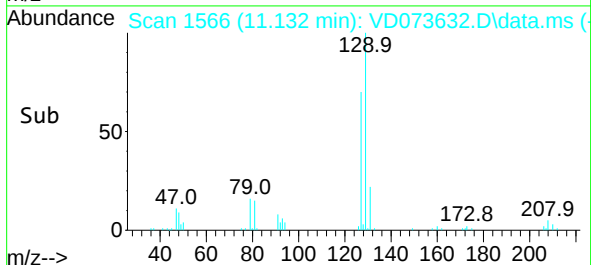
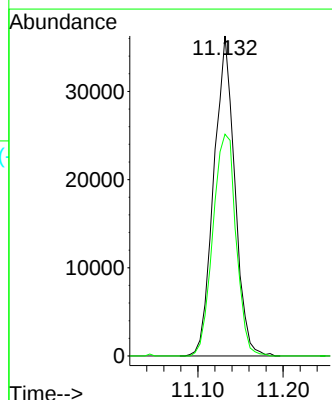
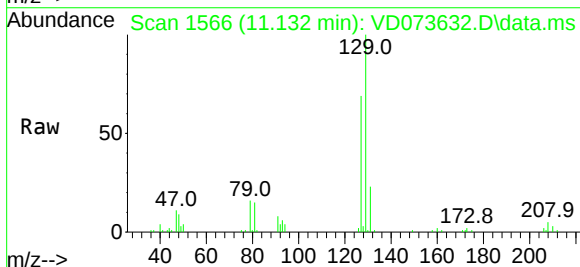
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

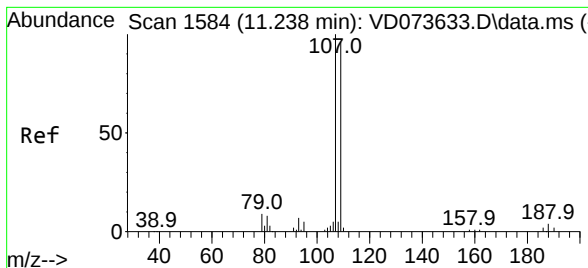
Tgt Ion: 43 Resp: 100586
Ion Ratio Lower Upper
43 100
58 53.1 28.1 84.2



#60
Dibromochloromethane
Concen: 20.035 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VD073632.D
Acq: 20 Jun 2022 14:38

Tgt Ion:129 Resp: 61905
Ion Ratio Lower Upper
129 100
127 76.5 39.4 118.2

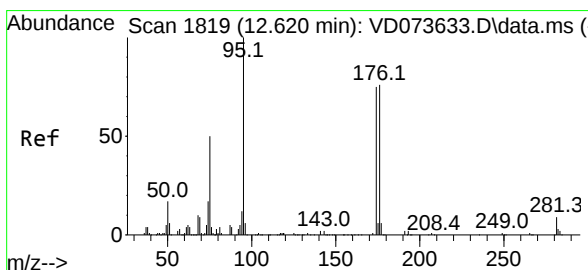
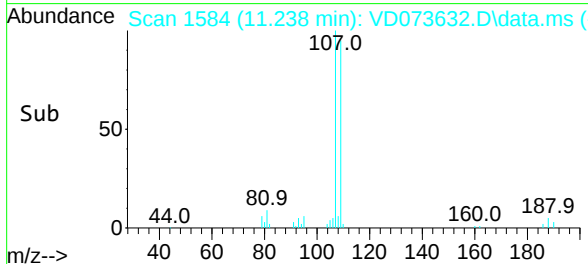
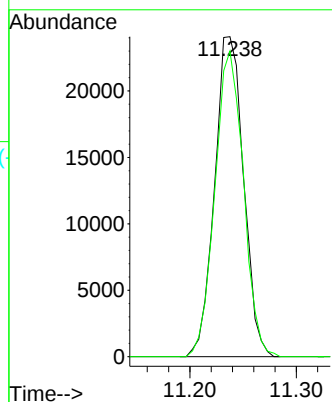
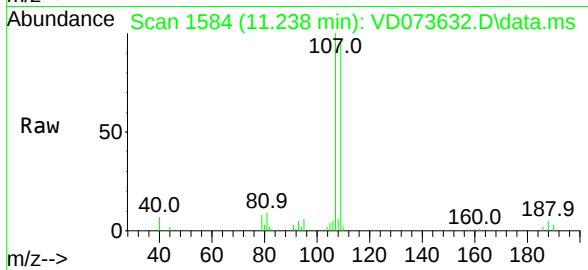




#61
1,2-Dibromoethane
Concen: 20.021 ug/l
RT: 11.238 min Scan# 1584
Delta R.T. 0.000 min
Lab File: VD073632.D
Acq: 20 Jun 2022 14:38

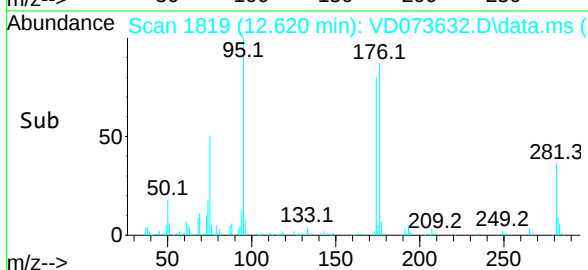
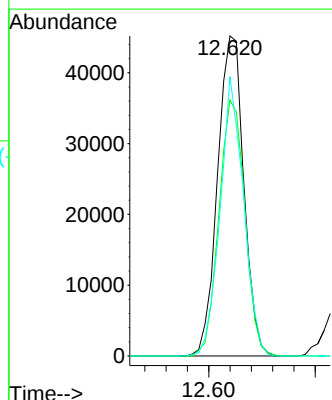
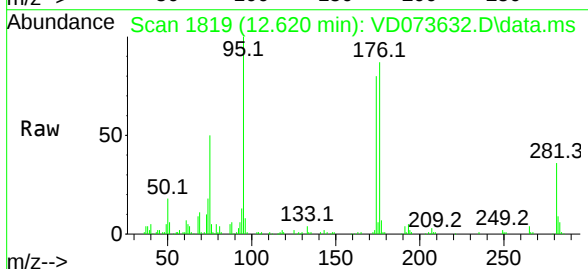
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

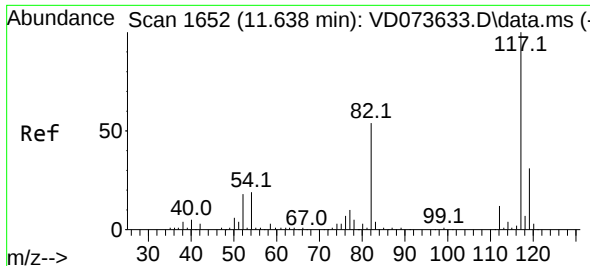
Tgt Ion:107 Resp: 45459
Ion Ratio Lower Upper
107 100
109 94.3 76.1 114.1



#62
4-Bromofluorobenzene
Concen: 20.242 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073632.D
Acq: 20 Jun 2022 14:38

Tgt Ion: 95 Resp: 77128
Ion Ratio Lower Upper
95 100
174 79.0 0.0 156.4
176 78.3 0.0 151.8

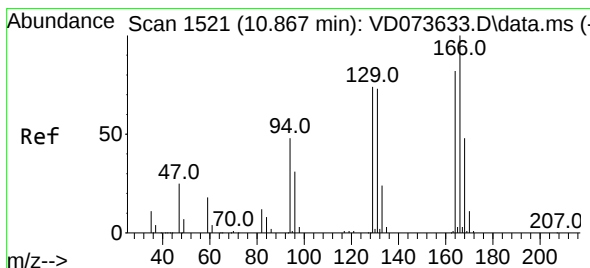
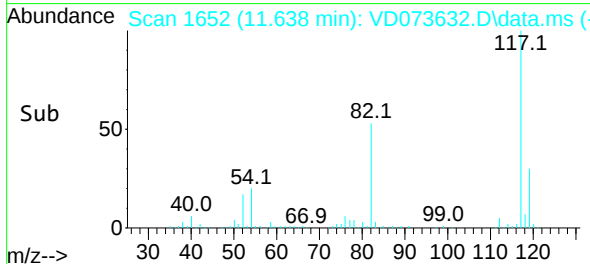
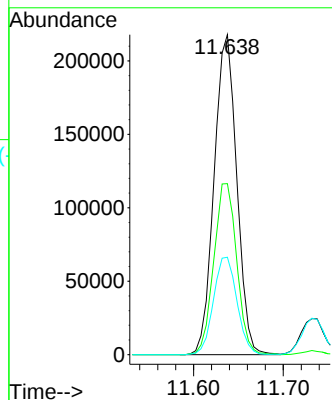
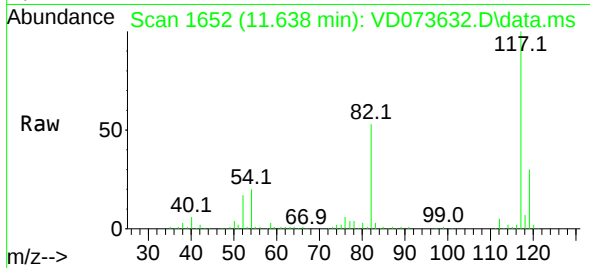




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD073632.D
Acq: 20 Jun 2022 14:38

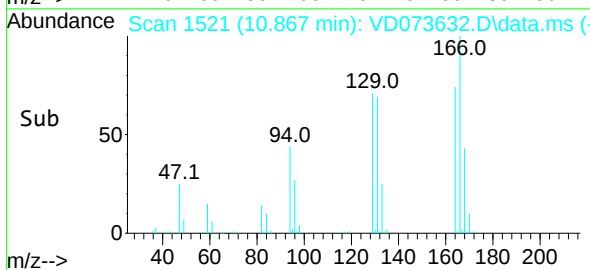
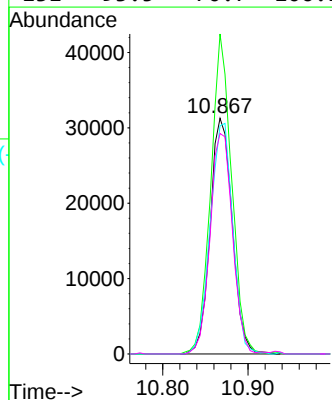
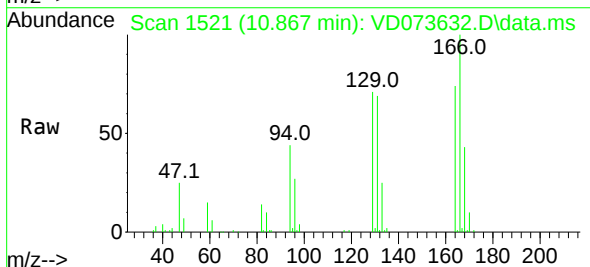
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

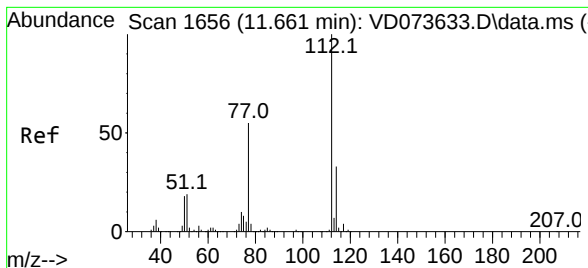
Tgt Ion:117 Resp: 381576
Ion Ratio Lower Upper
117 100
82 53.4 43.0 64.4
119 30.5 24.5 36.7



#64
Tetrachloroethene
Concen: 19.907 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VD073632.D
Acq: 20 Jun 2022 14:38

Tgt Ion:164 Resp: 56230
Ion Ratio Lower Upper
164 100
166 135.8 97.1 145.7
129 96.8 72.1 108.1
131 93.5 70.7 106.1

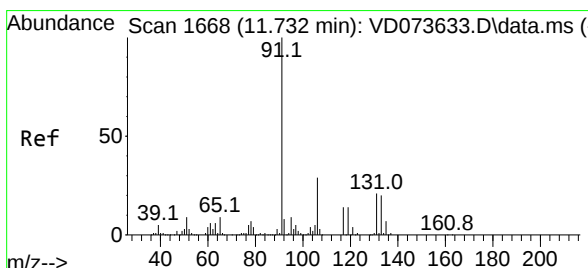
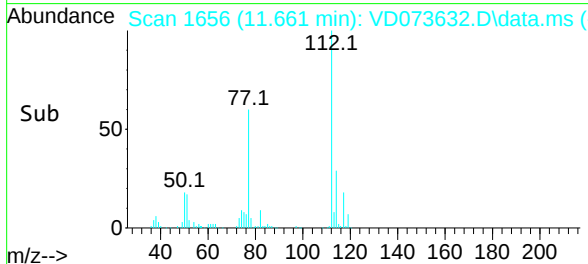
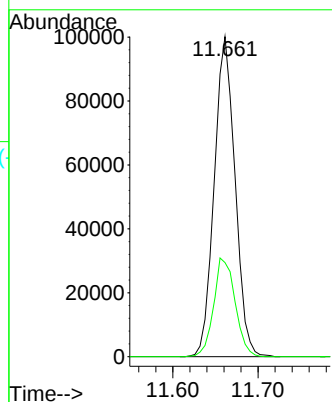
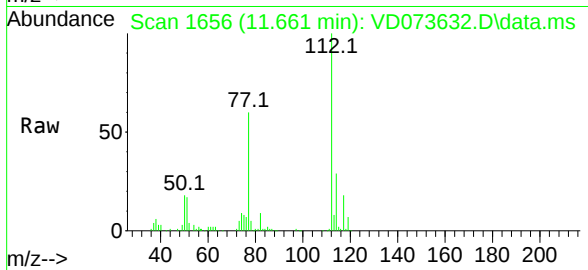




#65
Chlorobenzene
Concen: 19.927 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD073632.D
Acq: 20 Jun 2022 14:38

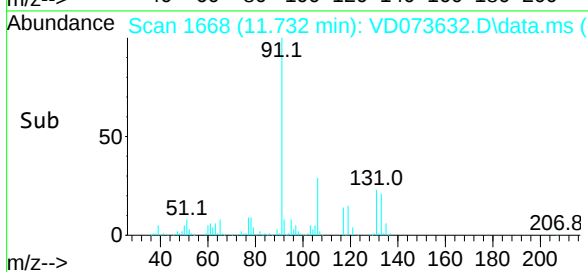
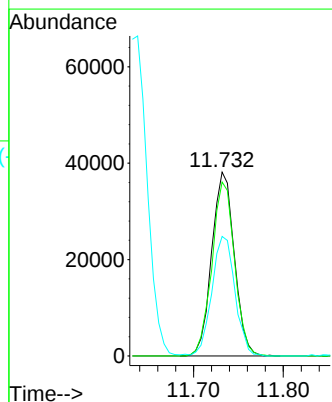
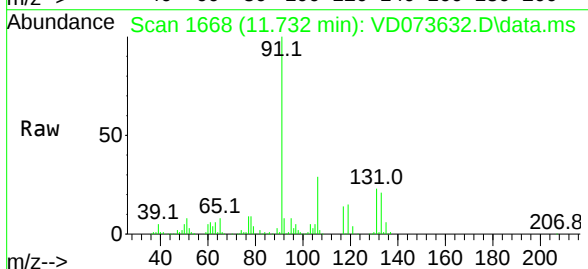
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

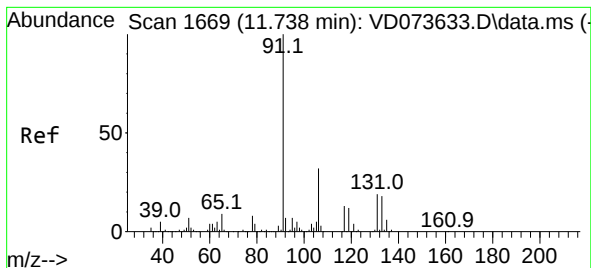
Tgt Ion:112 Resp: 169785
Ion Ratio Lower Upper
112 100
114 29.4 26.6 39.8



#66
1,1,1,2-Tetrachloroethane
Concen: 20.143 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. 0.000 min
Lab File: VD073632.D
Acq: 20 Jun 2022 14:38

Tgt Ion:131 Resp: 66513
Ion Ratio Lower Upper
131 100
133 95.3 47.1 141.3
119 66.9 32.6 97.7





#67

Ethyl Benzene

Concen: 19.874 ug/l

RT: 11.738 min Scan# 1669

Delta R.T. 0.000 min

Lab File: VD073632.D

Acq: 20 Jun 2022 14:38

Instrument :

MSVOA_D

ClientSampleId :

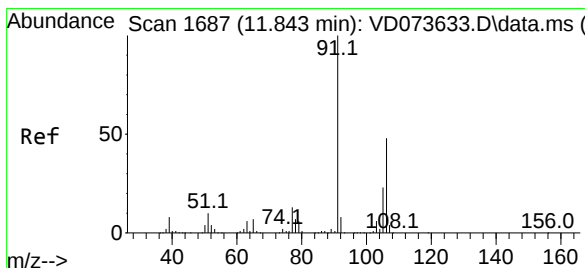
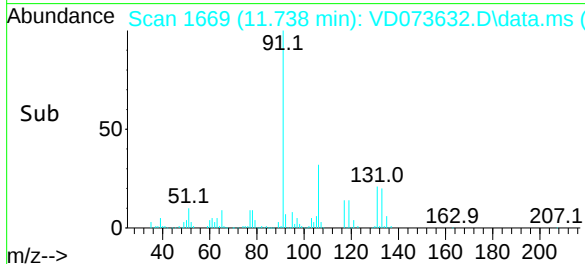
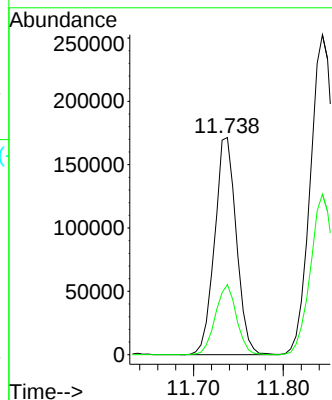
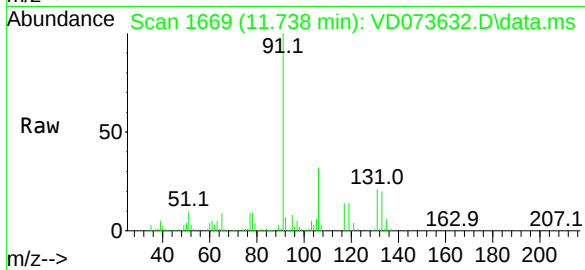
VSTDIC020

Tgt Ion: 91 Resp: 287897

Ion Ratio Lower Upper

91 100

106 32.2 25.8 38.6



#68

m/p-Xylenes

Concen: 41.413 ug/l

RT: 11.844 min Scan# 1687

Delta R.T. 0.000 min

Lab File: VD073632.D

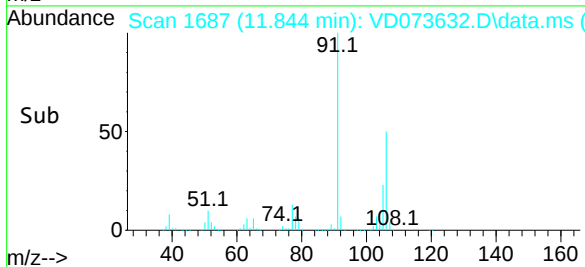
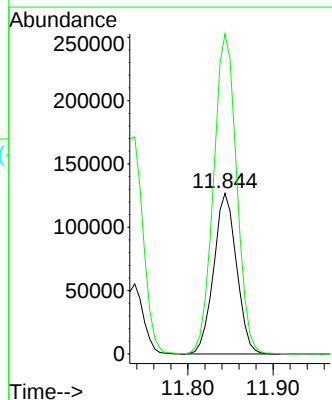
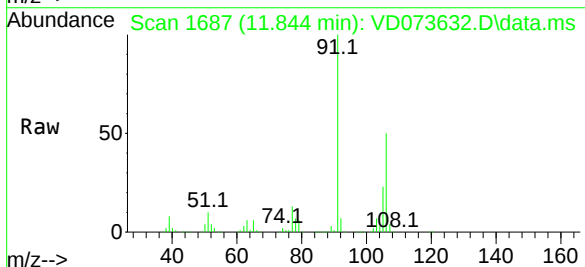
Acq: 20 Jun 2022 14:38

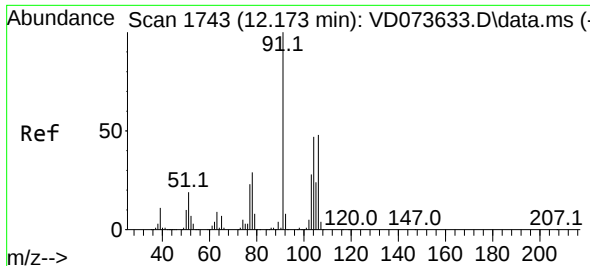
Tgt Ion:106 Resp: 236249

Ion Ratio Lower Upper

106 100

91 201.8 162.7 244.1

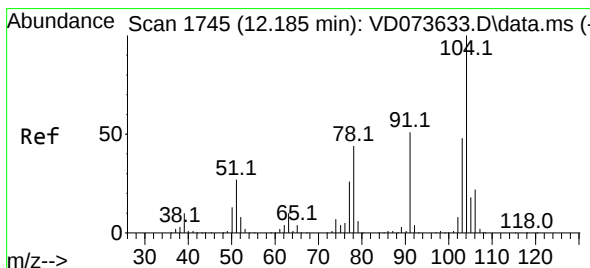
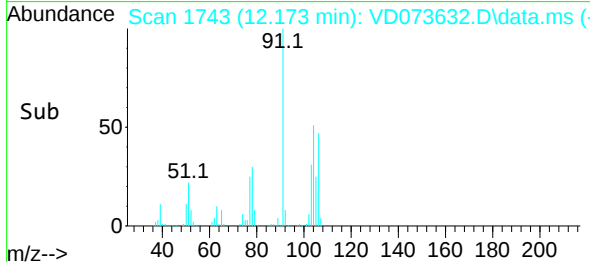
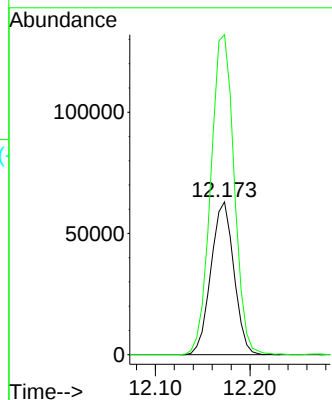
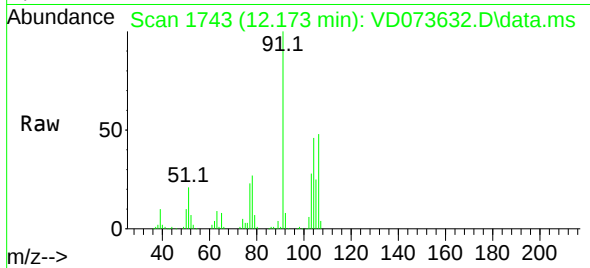




#69
o-Xylene
Concen: 19.917 ug/l
RT: 12.173 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073632.D
Acq: 20 Jun 2022 14:38

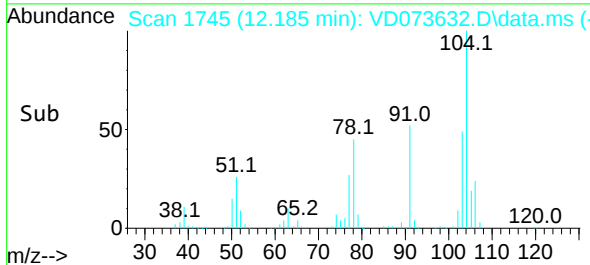
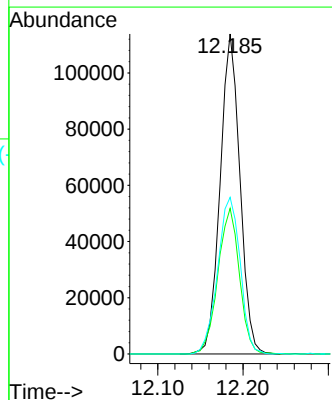
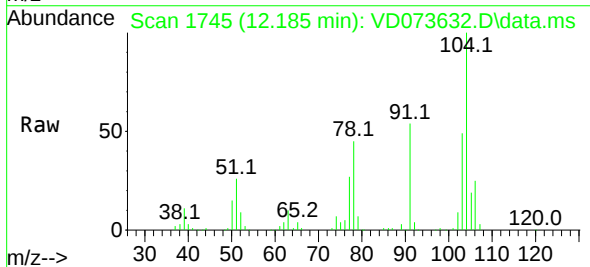
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

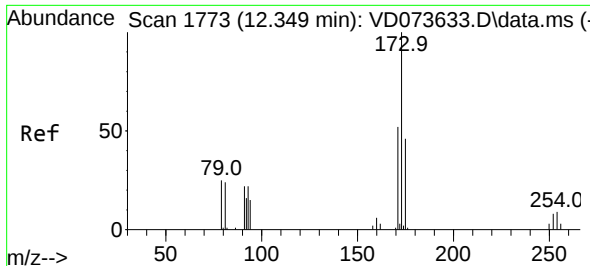
Tgt Ion:106 Resp: 105898
Ion Ratio Lower Upper
106 100
91 214.3 107.1 321.3



#70
Styrene
Concen: 20.176 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. 0.000 min
Lab File: VD073632.D
Acq: 20 Jun 2022 14:38

Tgt Ion:104 Resp: 183970
Ion Ratio Lower Upper
104 100
78 49.5 40.1 60.1
103 55.7 42.8 64.2

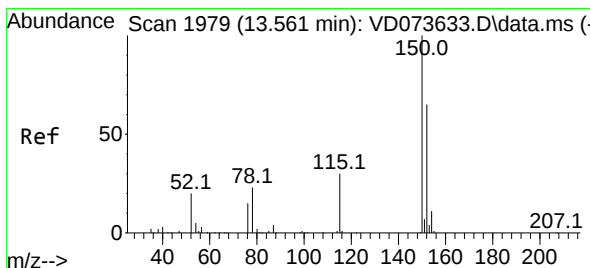
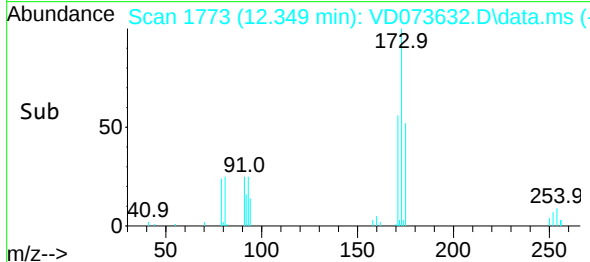
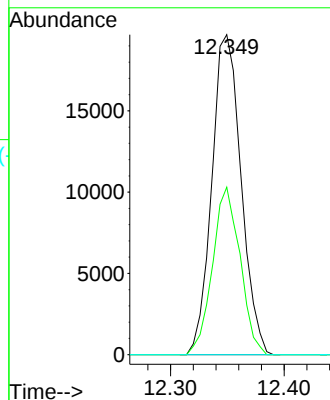
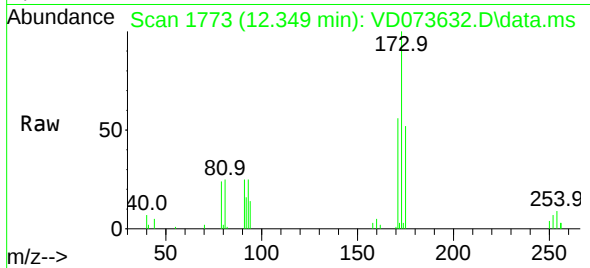




#71
Bromoform
Concen: 19.609 ug/l
RT: 12.349 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VD073632.D
Acq: 20 Jun 2022 14:38

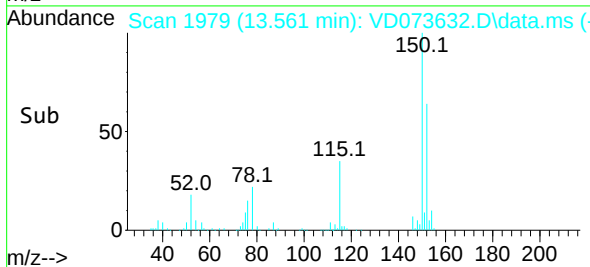
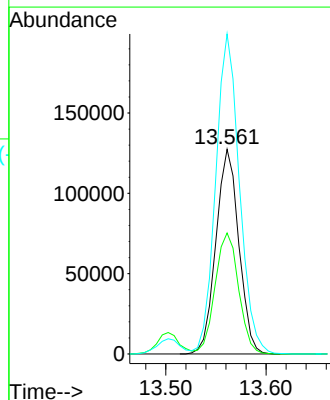
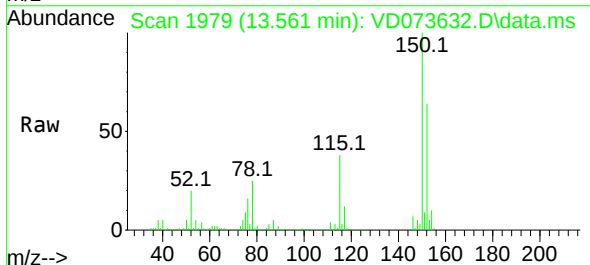
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

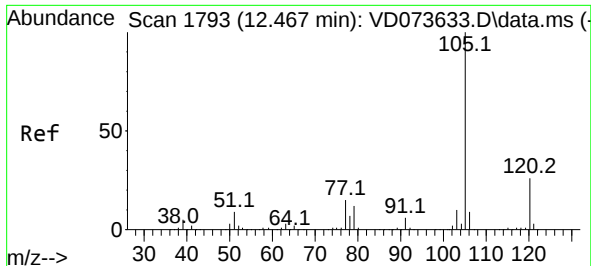
Tgt Ion:173 Resp: 35256
Ion Ratio Lower Upper
173 100
175 49.3 24.2 72.6
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073632.D
Acq: 20 Jun 2022 14:38

Tgt Ion:152 Resp: 201927
Ion Ratio Lower Upper
152 100
115 60.8 29.6 88.9
150 162.1 0.0 351.2

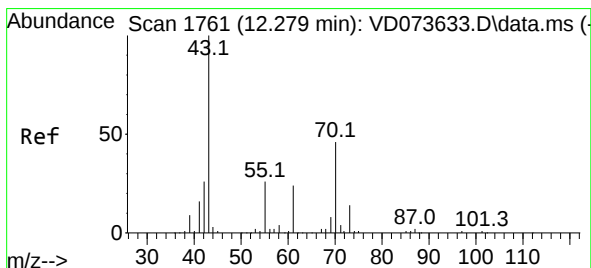
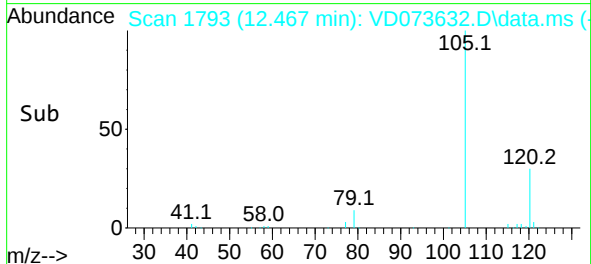
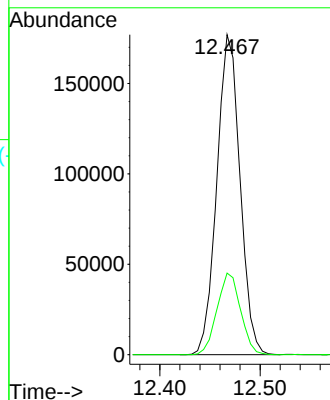
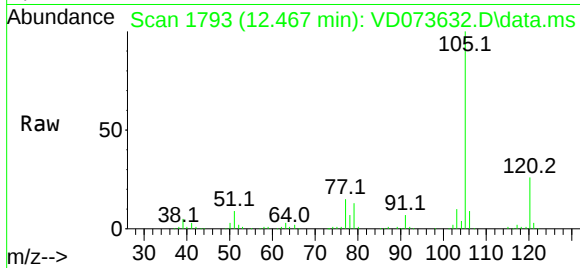




#73
Isopropylbenzene
Concen: 19.458 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD073632.D
Acq: 20 Jun 2022 14:38

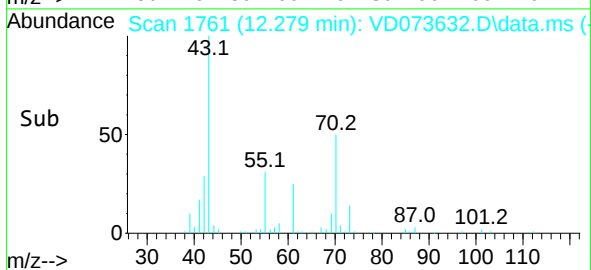
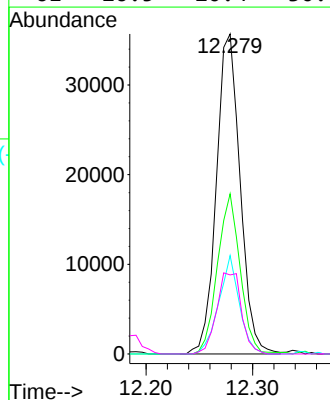
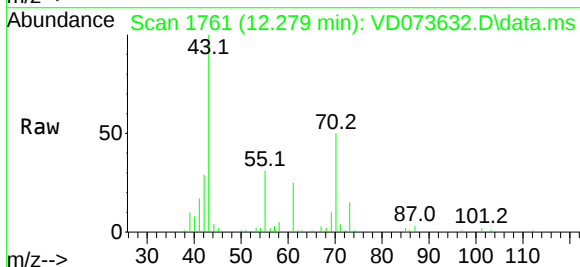
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

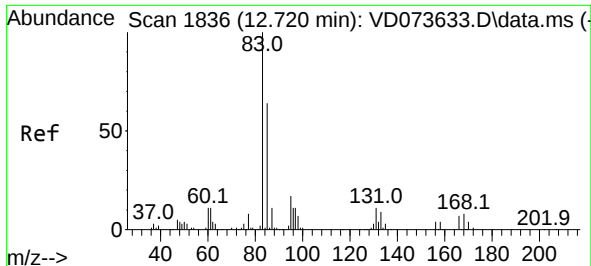
Tgt Ion:105 Resp: 283506
Ion Ratio Lower Upper
105 100
120 25.8 13.1 39.1



#74
N-ethyl acetate
Concen: 18.778 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VD073632.D
Acq: 20 Jun 2022 14:38

Tgt Ion: 43 Resp: 55298
Ion Ratio Lower Upper
43 100
70 47.7 35.8 53.8
55 26.5 21.1 31.7
61 26.5 20.4 30.6

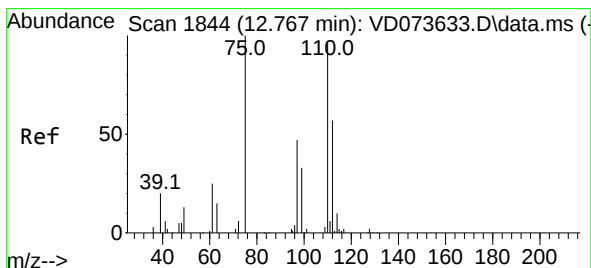
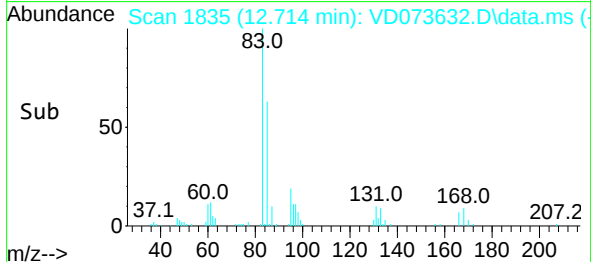
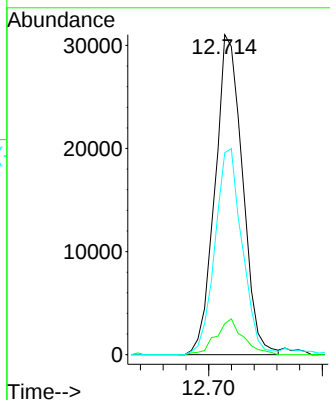
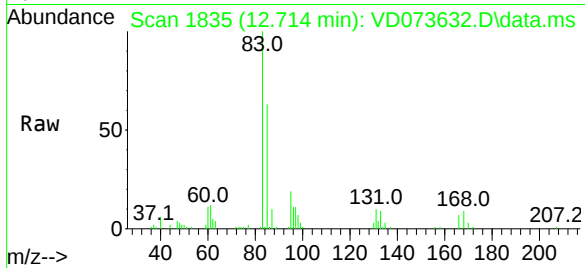




#75
 1,1,2,2-Tetrachloroethane
 Concen: 18.998 ug/l
 RT: 12.714 min Scan# 1835
 Delta R.T. -0.006 min
 Lab File: VD073632.D
 Acq: 20 Jun 2022 14:38

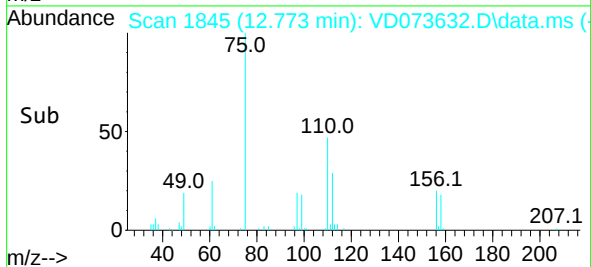
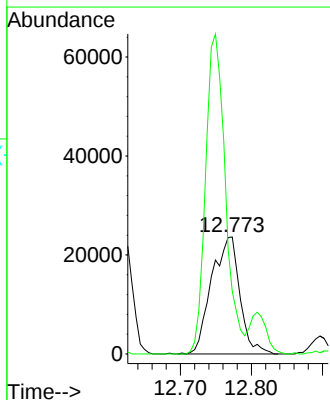
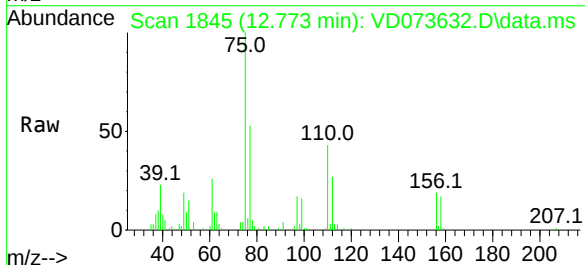
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

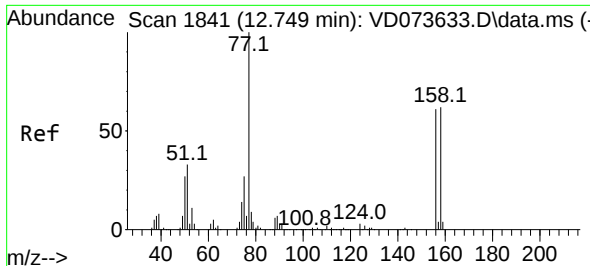
Tgt Ion: 83 Resp: 52052
 Ion Ratio Lower Upper
 83 100
 131 11.1 5.5 16.7
 85 63.8 31.6 95.0



#76
 1,2,3-Trichloropropane
 Concen: 34.367 ug/l
 RT: 12.773 min Scan# 1845
 Delta R.T. 0.006 min
 Lab File: VD073632.D
 Acq: 20 Jun 2022 14:38

Tgt Ion: 75 Resp: 65314
 Ion Ratio Lower Upper
 75 100
 77 0.0 208.9 626.7#

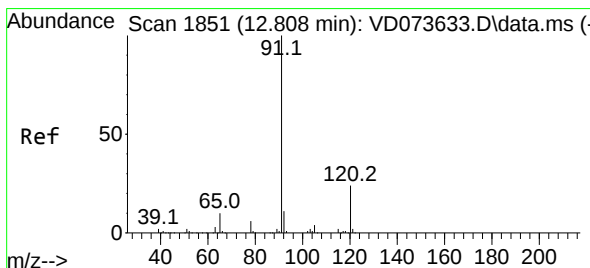
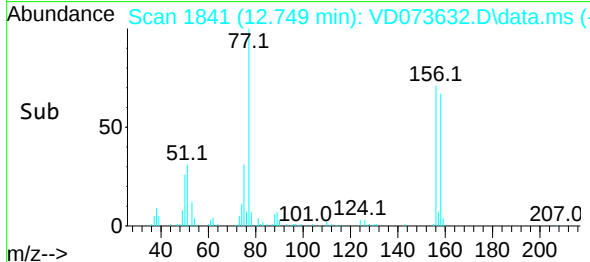
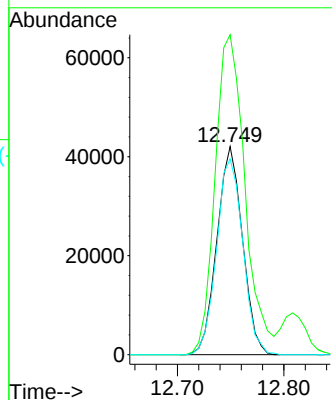
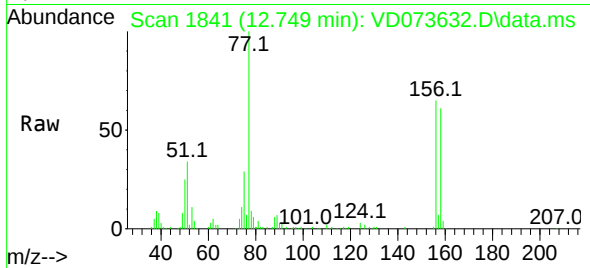




#77
Bromobenzene
Concen: 19.763 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD073632.D
Acq: 20 Jun 2022 14:38

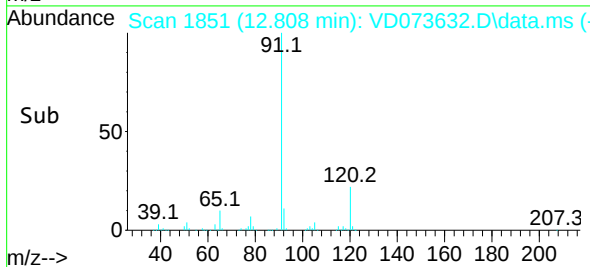
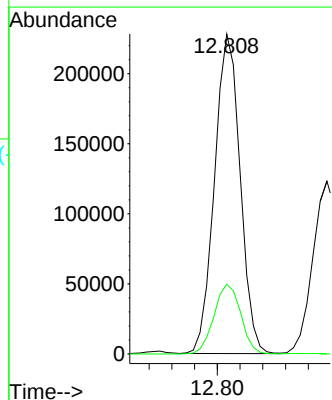
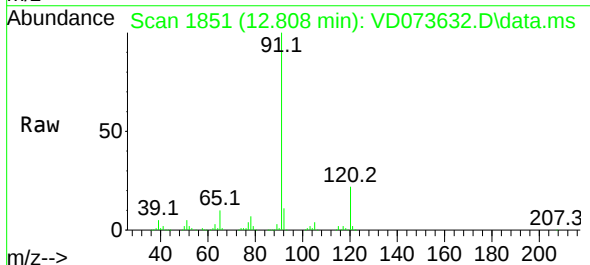
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

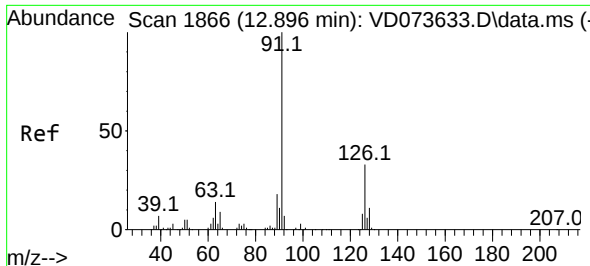
Tgt Ion:156 Resp: 70071
Ion Ratio Lower Upper
156 100
77 179.3 91.5 274.4
158 96.8 48.8 146.3



#78
n-propylbenzene
Concen: 20.020 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD073632.D
Acq: 20 Jun 2022 14:38

Tgt Ion: 91 Resp: 357277
Ion Ratio Lower Upper
91 100
120 22.7 11.5 34.4

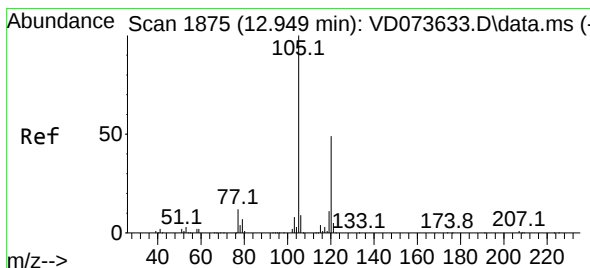
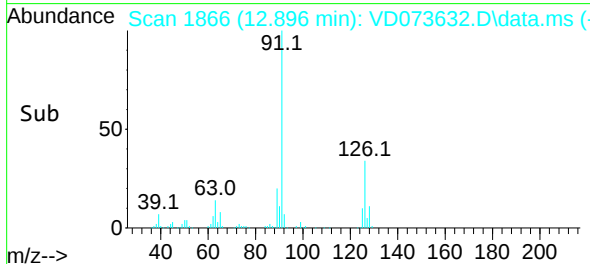
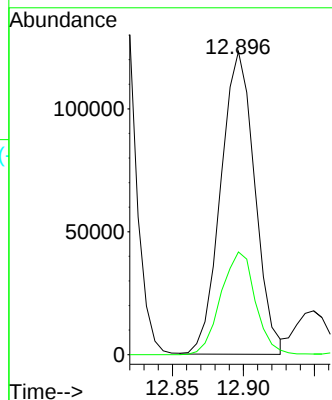
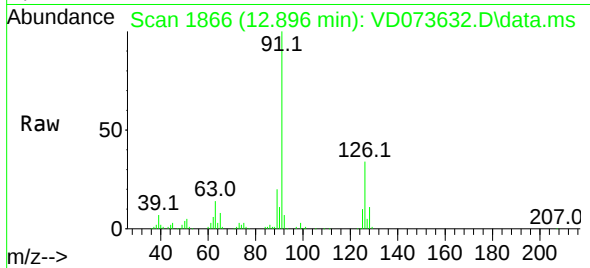




#79
2-Chlorotoluene
Concen: 19.627 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VD073632.D
Acq: 20 Jun 2022 14:38

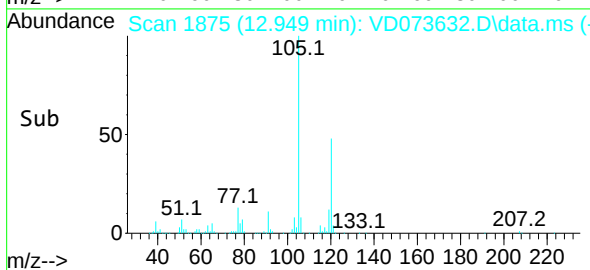
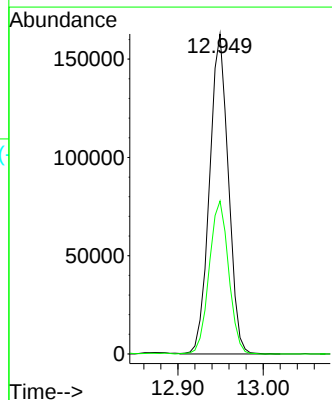
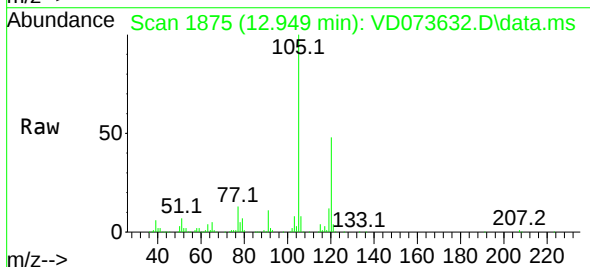
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

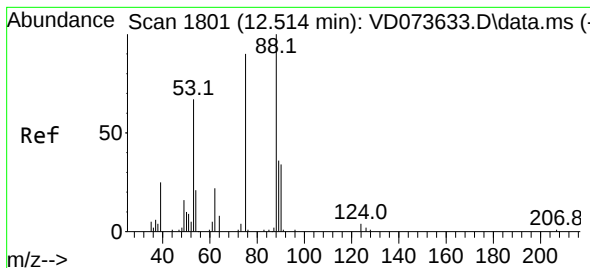
Tgt Ion: 91 Resp: 205442
Ion Ratio Lower Upper
91 100
126 34.5 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 20.048 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD073632.D
Acq: 20 Jun 2022 14:38

Tgt Ion: 105 Resp: 249469
Ion Ratio Lower Upper
105 100
120 49.4 24.4 73.2

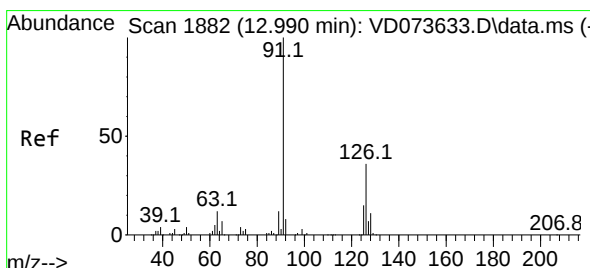
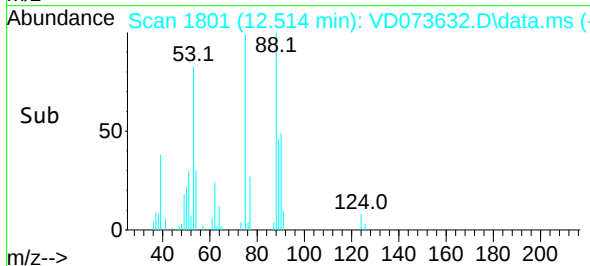
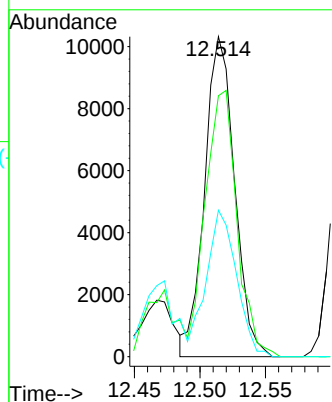
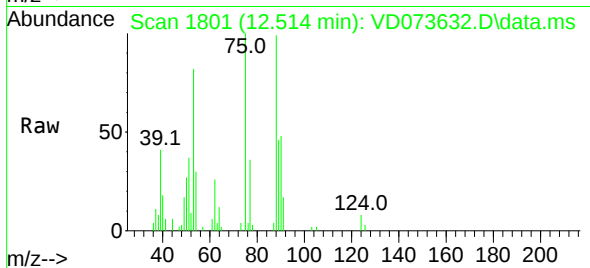




#81
trans-1,4-Dichloro-2-butene
Concen: 19.332 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. 0.000 min
Lab File: VD073632.D
Acq: 20 Jun 2022 14:38

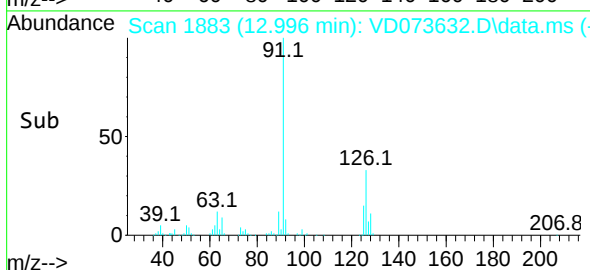
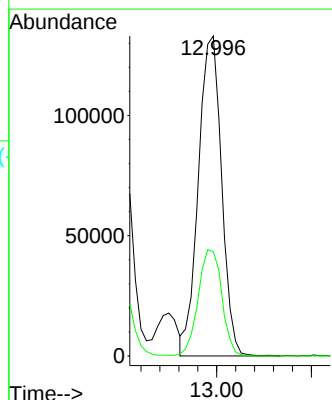
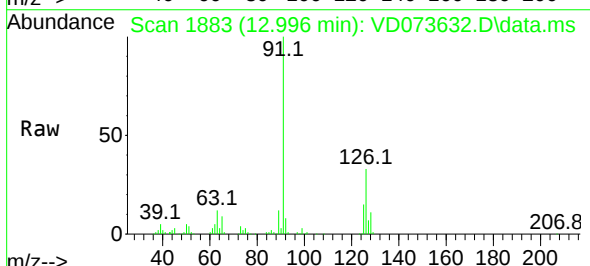
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

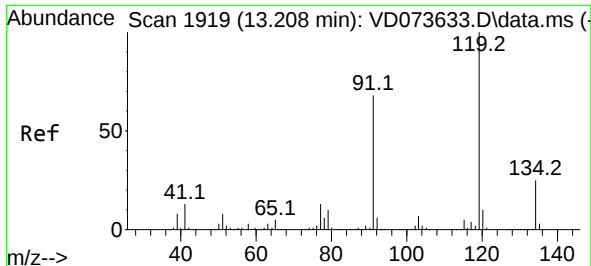
Tgt Ion: 75 Resp: 16371
Ion Ratio Lower Upper
75 100
53 87.3 70.5 105.7
89 46.3 35.8 53.8



#82
4-Chlorotoluene
Concen: 20.201 ug/l
RT: 12.996 min Scan# 1883
Delta R.T. 0.006 min
Lab File: VD073632.D
Acq: 20 Jun 2022 14:38

Tgt Ion: 91 Resp: 225689
Ion Ratio Lower Upper
91 100
126 33.9 17.1 51.2

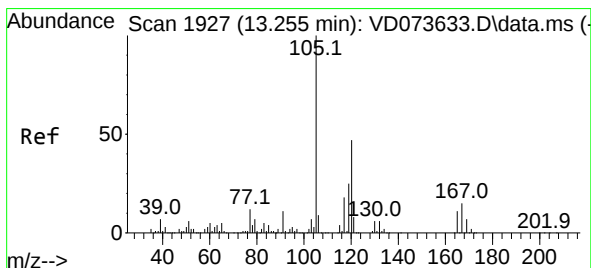
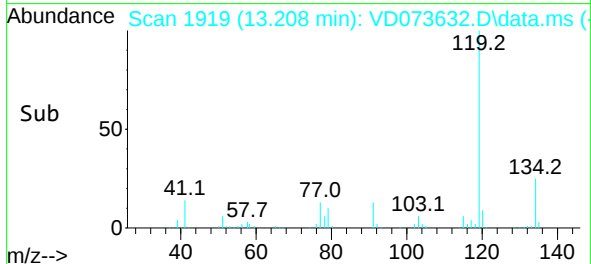
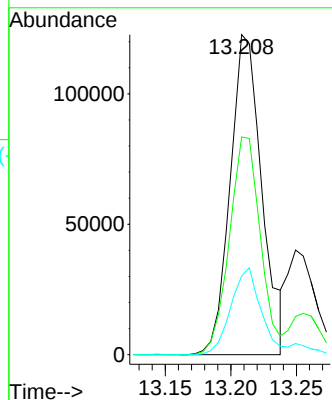
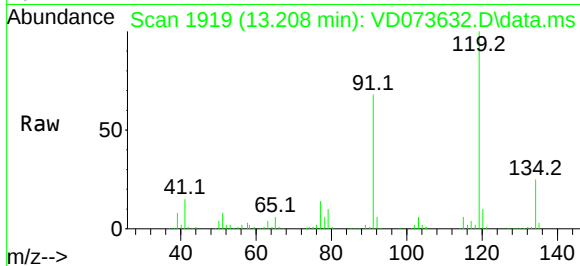




#83
 tert-Butylbenzene
 Concen: 19.189 ug/l
 RT: 13.208 min Scan# 1919
 Delta R.T. 0.000 min
 Lab File: VD073632.D
 Acq: 20 Jun 2022 14:38

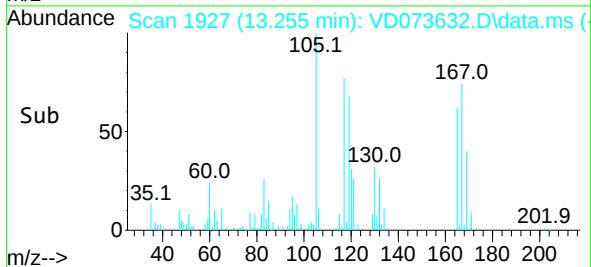
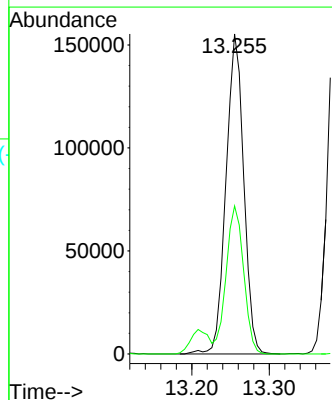
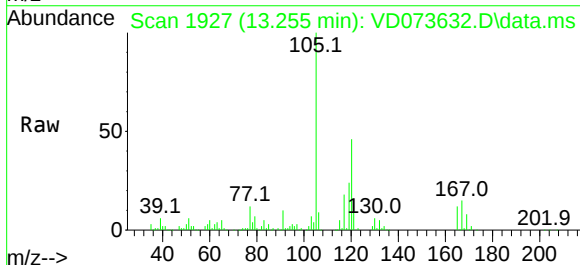
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

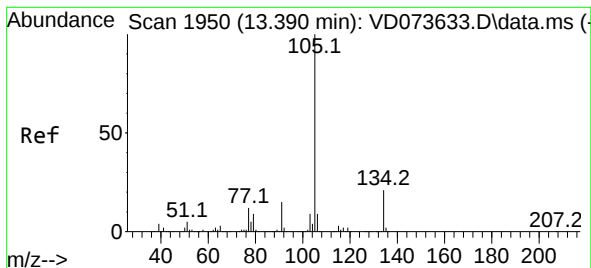
Tgt Ion:119 Resp: 206690
 Ion Ratio Lower Upper
 119 100
 91 66.6 32.3 96.8
 134 25.9 13.3 39.8



#84
 1,2,4-Trimethylbenzene
 Concen: 20.111 ug/l
 RT: 13.255 min Scan# 1927
 Delta R.T. 0.000 min
 Lab File: VD073632.D
 Acq: 20 Jun 2022 14:38

Tgt Ion:105 Resp: 246849
 Ion Ratio Lower Upper
 105 100
 120 45.9 23.1 69.2





#85

sec-Butylbenzene

Concen: 19.781 ug/l

RT: 13.391 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VD073632.D

Acq: 20 Jun 2022 14:38

Instrument :

MSVOA_D

ClientSampleId :

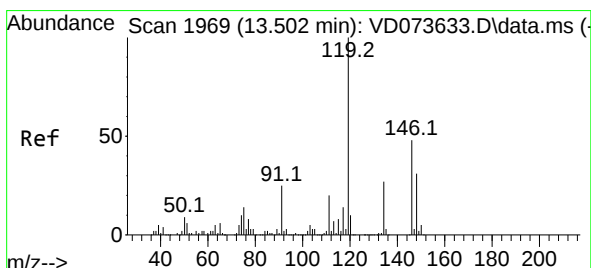
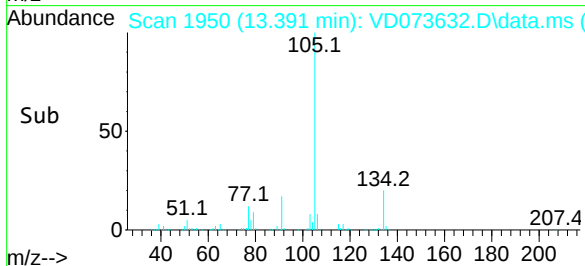
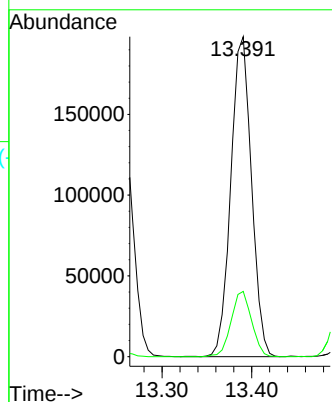
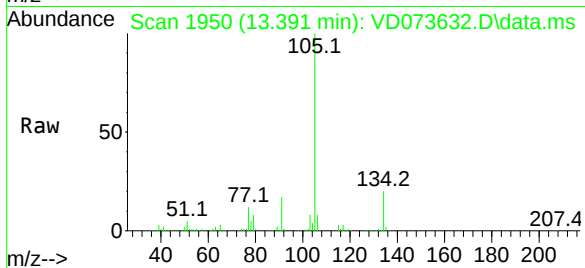
VSTDIC020

Tgt Ion:105 Resp: 316830

Ion Ratio Lower Upper

105 100

134 20.2 10.3 30.8



#86

p-Isopropyltoluene

Concen: 19.717 ug/l

RT: 13.502 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD073632.D

Acq: 20 Jun 2022 14:38

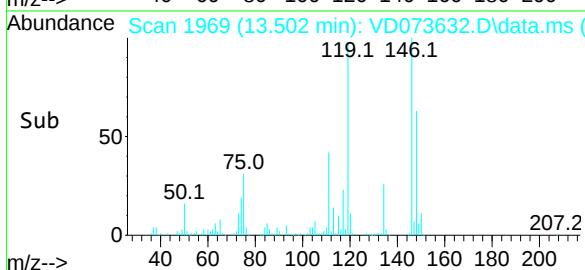
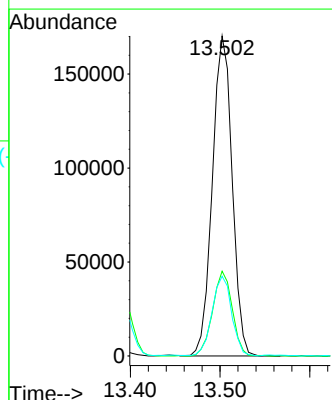
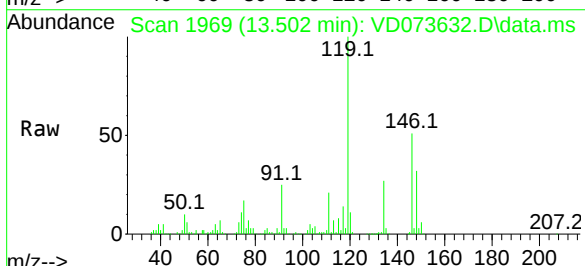
Tgt Ion:119 Resp: 260861

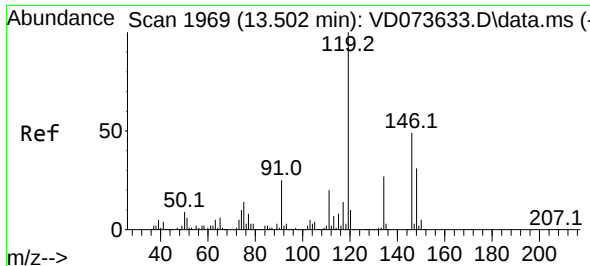
Ion Ratio Lower Upper

119 100

134 26.3 13.1 39.3

91 24.8 12.0 36.0

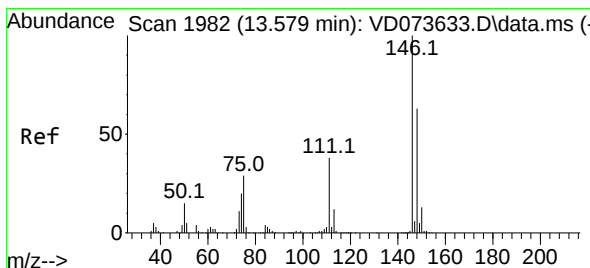
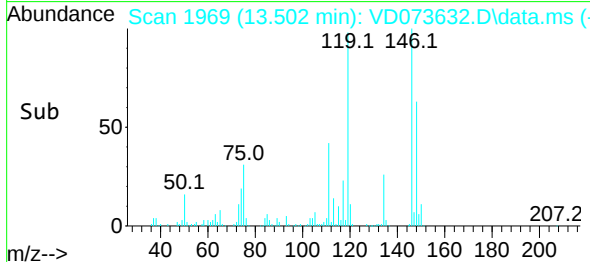
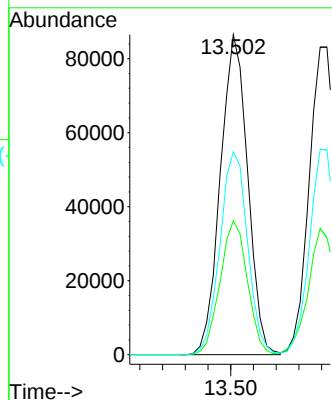
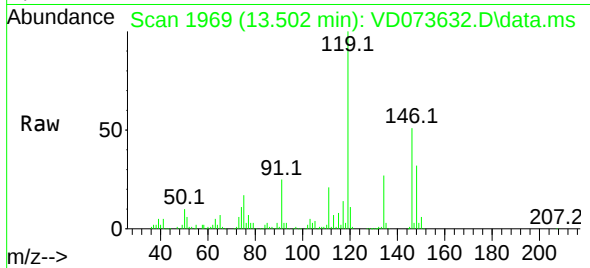




#87
1,3-Dichlorobenzene
Concen: 19.757 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD073632.D
Acq: 20 Jun 2022 14:38

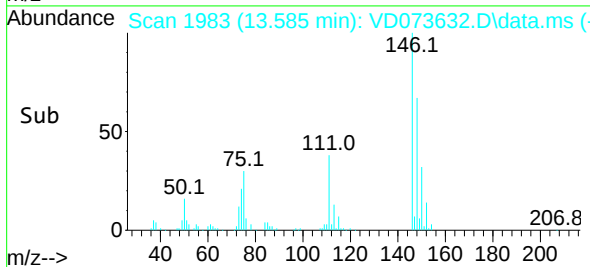
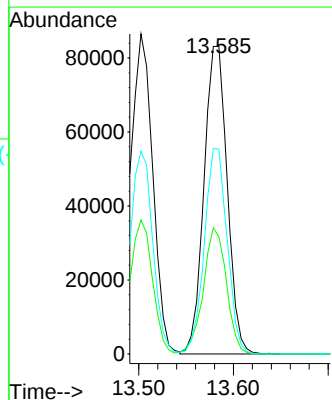
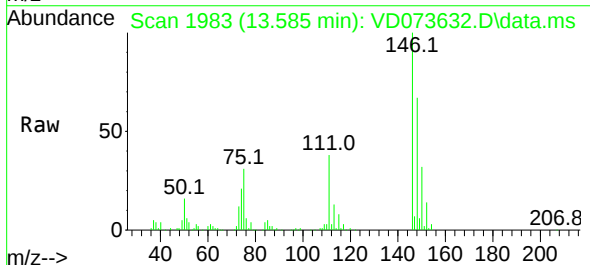
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

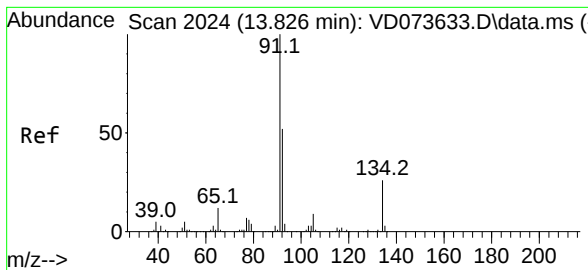
Tgt Ion:146 Resp: 144521
Ion Ratio Lower Upper
146 100
111 41.8 20.6 61.8
148 64.3 31.7 95.1



#88
1,4-Dichlorobenzene
Concen: 19.577 ug/l
RT: 13.585 min Scan# 1983
Delta R.T. 0.006 min
Lab File: VD073632.D
Acq: 20 Jun 2022 14:38

Tgt Ion:146 Resp: 141933
Ion Ratio Lower Upper
146 100
111 40.9 19.8 59.3
148 65.6 31.9 95.9





#89

n-Butylbenzene

Concen: 19.526 ug/l

RT: 13.826 min Scan# 2024

Delta R.T. 0.000 min

Lab File: VD073632.D

Acq: 20 Jun 2022 14:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

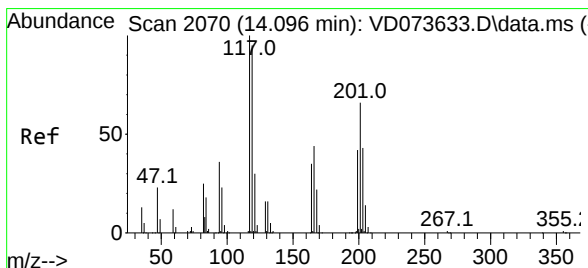
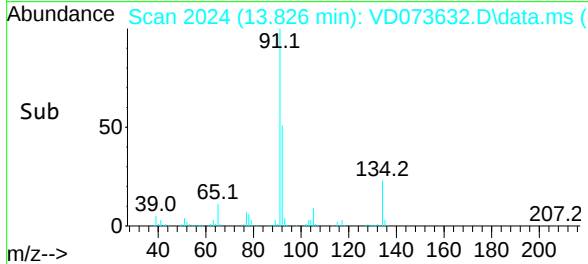
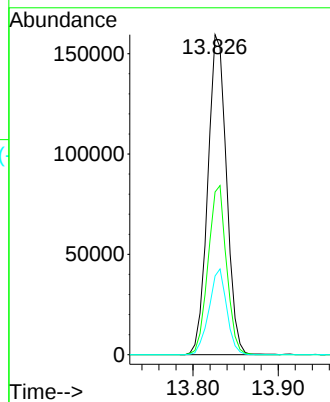
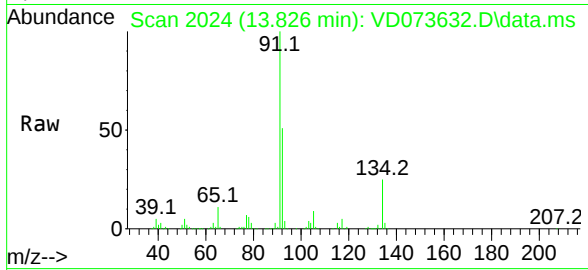
Tgt Ion: 91 Resp: 242896

Ion Ratio Lower Upper

91 100

92 52.0 26.8 80.4

134 25.4 13.1 39.3



#90

Hexachloroethane

Concen: 19.251 ug/l

RT: 14.096 min Scan# 2070

Delta R.T. 0.000 min

Lab File: VD073632.D

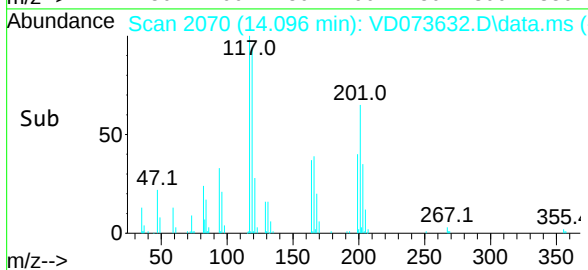
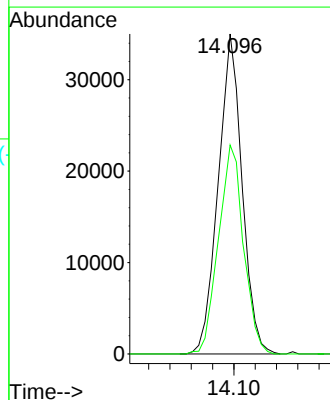
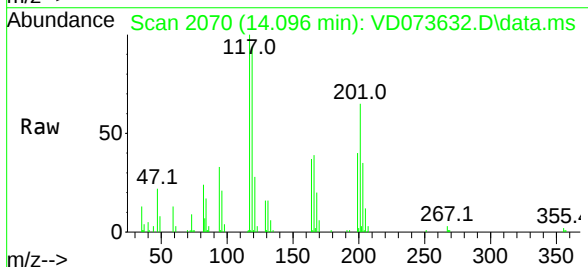
Acq: 20 Jun 2022 14:38

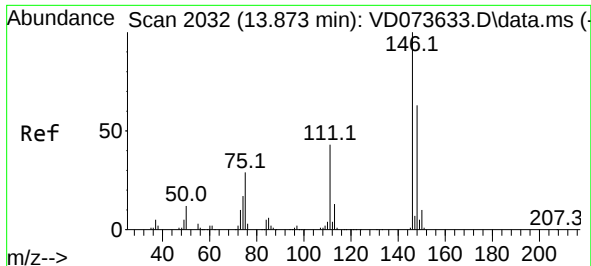
Tgt Ion: 117 Resp: 54398

Ion Ratio Lower Upper

117 100

201 68.5 34.5 103.6





#91

1,2-Dichlorobenzene

Concen: 19.865 ug/l

RT: 13.873 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VD073632.D

Acq: 20 Jun 2022 14:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

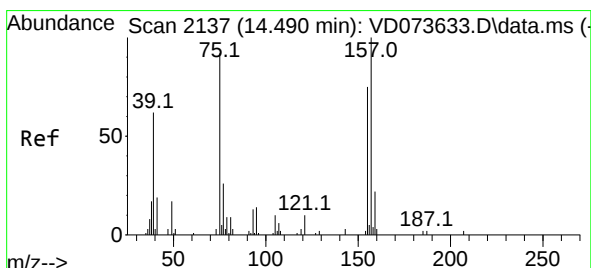
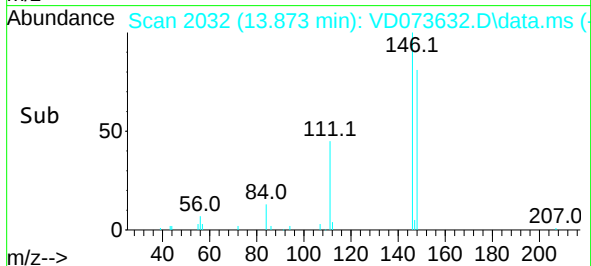
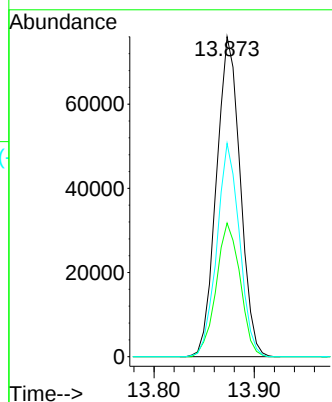
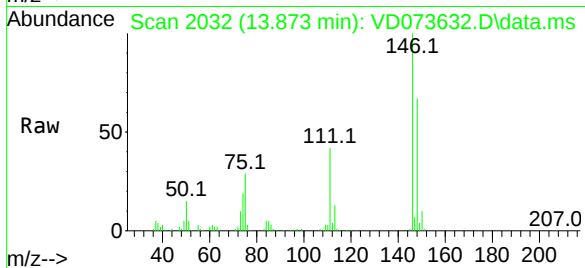
Tgt Ion:146 Resp: 125360

Ion Ratio Lower Upper

146 100

111 42.1 20.9 62.7

148 63.4 31.5 94.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.888 ug/l

RT: 14.490 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VD073632.D

Acq: 20 Jun 2022 14:38

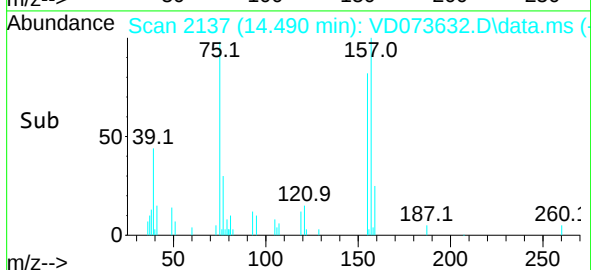
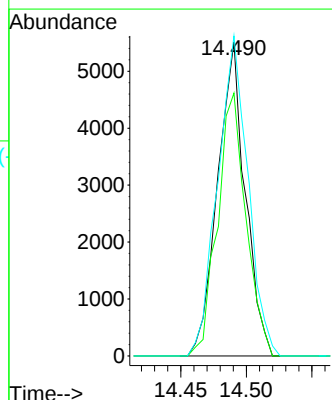
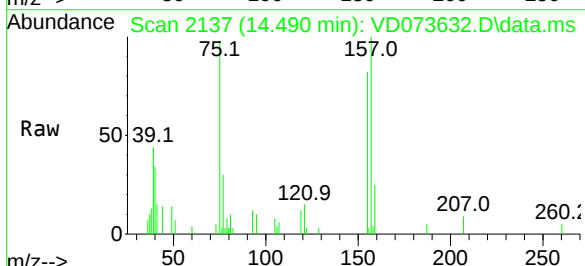
Tgt Ion: 75 Resp: 8082

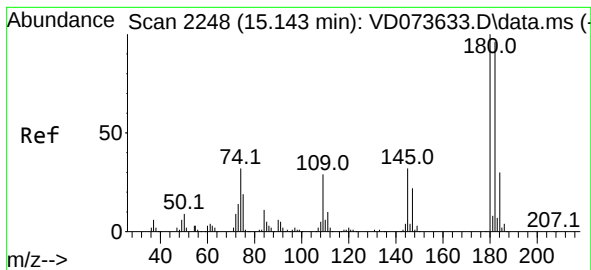
Ion Ratio Lower Upper

75 100

155 86.0 41.6 124.8

157 111.6 51.7 155.2

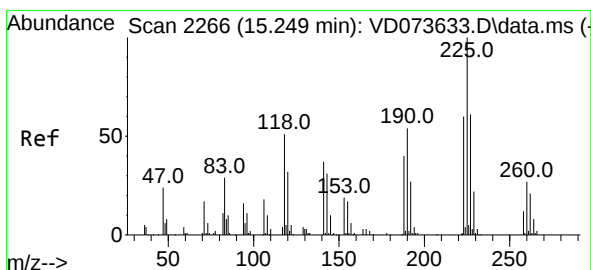
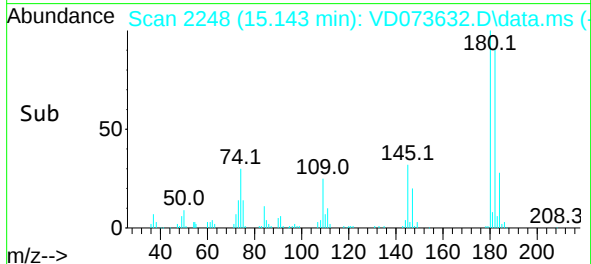
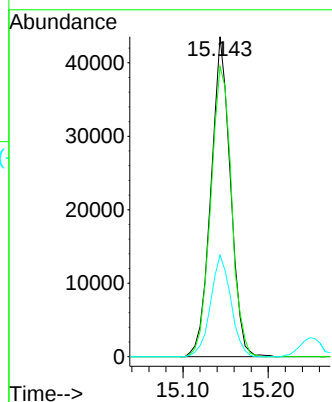
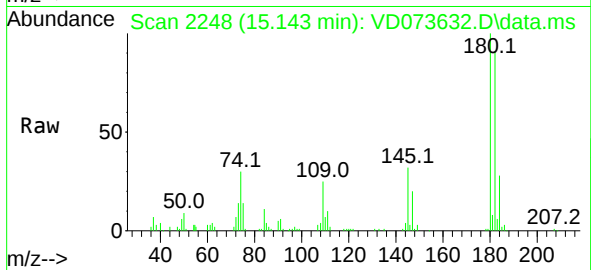




#93
 1,2,4-Trichlorobenzene
 Concen: 18.834 ug/l
 RT: 15.143 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD073632.D
 Acq: 20 Jun 2022 14:38

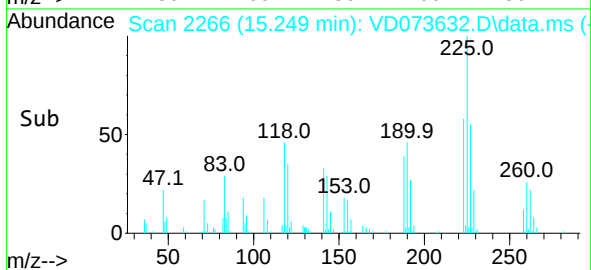
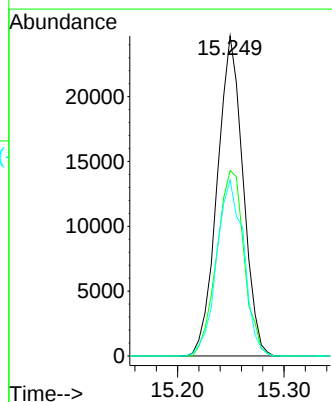
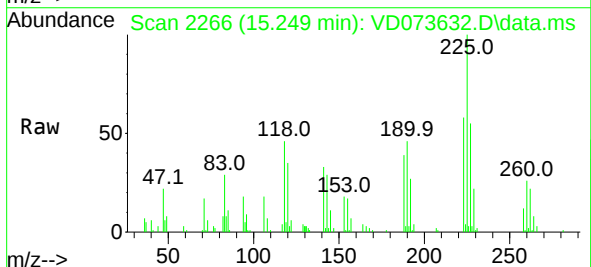
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

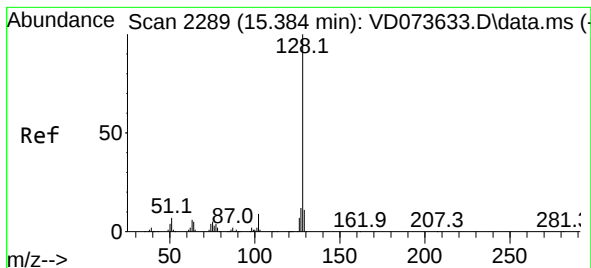
Tgt Ion:180 Resp: 69238
 Ion Ratio Lower Upper
 180 100
 182 96.3 48.0 144.2
 145 33.0 16.1 48.3



#94
 Hexachlorobutadiene
 Concen: 19.924 ug/l
 RT: 15.249 min Scan# 2266
 Delta R.T. 0.000 min
 Lab File: VD073632.D
 Acq: 20 Jun 2022 14:38

Tgt Ion:225 Resp: 41510
 Ion Ratio Lower Upper
 225 100
 223 61.5 31.0 93.0
 227 57.5 31.8 95.4





#95

Naphthalene

Concen: 18.381 ug/l

RT: 15.385 min Scan# 2289

Delta R.T. 0.000 min

Lab File: VD073632.D

Acq: 20 Jun 2022 14:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

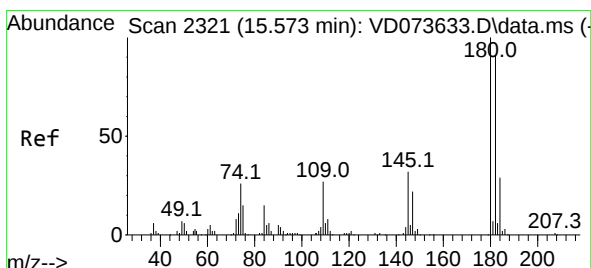
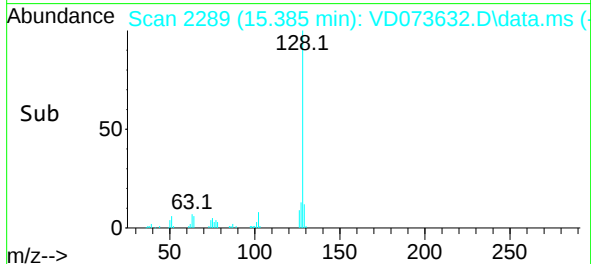
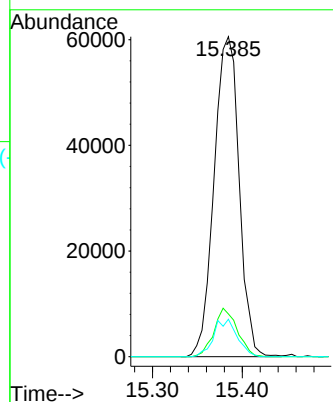
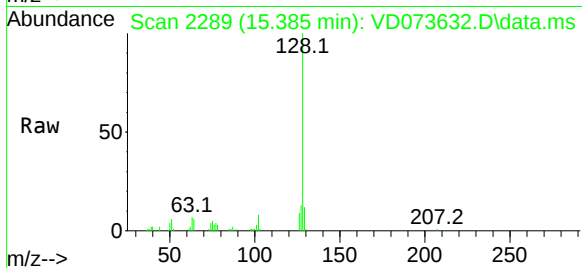
Tgt Ion:128 Resp: 117403

Ion Ratio Lower Upper

128 100

127 14.1 10.3 15.5

129 11.0 9.0 13.6



#96

1,2,3-Trichlorobenzene

Concen: 19.383 ug/l

RT: 15.573 min Scan# 2321

Delta R.T. 0.000 min

Lab File: VD073632.D

Acq: 20 Jun 2022 14:38

Tgt Ion:180 Resp: 61986

Ion Ratio Lower Upper

180 100

182 96.5 46.1 138.3

145 34.7 16.8 50.3

