

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051922\
 Data File : VD073137.D
 Acq On : 19 May 2022 13:37
 Operator : VA/SY
 Sample : VSTDIC020
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

Quant Time: May 19 14:19:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 14:16:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	343581	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	577841	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	544871	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	265516	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	75256	17.937	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	35.880%#
35) Dibromofluoromethane	7.908	113	79157	19.741	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	39.480%#
50) Toluene-d8	10.332	98	282979	19.427	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	38.860%#
62) 4-Bromofluorobenzene	12.620	95	99956	19.096	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	38.200%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	76407	18.154	ug/l	99
3) Chloromethane	2.209	50	77567	17.846	ug/l	97
4) Vinyl Chloride	2.350	62	72383	18.060	ug/l	98
5) Bromomethane	2.750	94	50888	17.886	ug/l	97
6) Chloroethane	2.909	64	46241	18.505	ug/l	97
7) Trichlorofluoromethane	3.262	101	130632	17.831	ug/l	99
8) Diethyl Ether	3.703	74	33195	16.638	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.091	101	76097	17.546	ug/l	97
10) Methyl Iodide	4.297	142	79519	18.095	ug/l	98
11) Tert butyl alcohol	5.185	59	62658	96.451	ug/l #	74
12) 1,1-Dichloroethene	4.067	96	69858	17.731	ug/l	90
13) Acrolein	3.920	56	29858	88.748	ug/l	97
14) Allyl chloride	4.709	41	110728	17.765	ug/l	93
15) Acrylonitrile	5.420	53	79629	84.441	ug/l	99
16) Acetone	4.150	43	64990	86.597	ug/l #	82
17) Carbon Disulfide	4.409	76	232399	17.718	ug/l	97
18) Methyl Acetate	4.715	43	36311	15.177	ug/l #	89
19) Methyl tert-butyl Ether	5.473	73	156661	17.239	ug/l	100
20) Methylene Chloride	4.962	84	96146	17.391	ug/l	93
21) trans-1,2-Dichloroethene	5.467	96	83926	17.970	ug/l	88
22) Diisopropyl ether	6.361	45	237544	17.885	ug/l	91
23) Vinyl Acetate	6.303	43	623394	87.586	ug/l	96
24) 1,1-Dichloroethane	6.261	63	150884	18.160	ug/l	97
25) 2-Butanone	7.208	43	96896	84.922	ug/l #	86
26) 2,2-Dichloropropane	7.203	77	129838	18.394	ug/l	100
27) cis-1,2-Dichloroethene	7.208	96	91910	17.849	ug/l	92
28) Bromochloromethane	7.544	49	47283	16.568	ug/l #	82
29) Tetrahydrofuran	7.556	42	62096	85.104	ug/l	96
30) Chloroform	7.703	83	157283	17.737	ug/l	98
31) Cyclohexane	7.979	56	129249	16.963	ug/l #	82
32) 1,1,1-Trichloroethane	7.897	97	138996	18.245	ug/l	94
36) 1,1-Dichloropropene	8.108	75	117961	18.100	ug/l	98
37) Ethyl Acetate	7.291	43	46362	17.306	ug/l #	94
38) Carbon Tetrachloride	8.091	117	121291	18.195	ug/l	97
39) Methylcyclohexane	9.350	83	129932	17.175	ug/l	95
40) Benzene	8.344	78	337352	18.191	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	27963	18.839	ug/l	95
42) 1,2-Dichloroethane	8.420	62	93951	17.528	ug/l	96
43) Isopropyl Acetate	8.450	43	84563	16.892	ug/l	93
44) Trichloroethene	9.108	130	89072	17.662	ug/l	95
45) 1,2-Dichloropropane	9.379	63	83761	17.420	ug/l	98
46) Dibromomethane	9.467	93	46102	17.386	ug/l	97
47) Bromodichloromethane	9.655	83	118160	17.533	ug/l	99
48) Methyl methacrylate	9.450	41	42393	17.199	ug/l #	86
49) 1,4-Dioxane	9.450	88	9871	362.212	ug/l	92
51) 4-Methyl-2-Pentanone	10.220	43	220322	84.749	ug/l	93
52) Toluene	10.397	92	214048	18.125	ug/l	95
53) t-1,3-Dichloropropene	10.614	75	106611	17.421	ug/l	98
54) cis-1,3-Dichloropropene	10.079	75	129071	17.798	ug/l	90
55) 1,1,2-Trichloroethane	10.791	97	62547	17.323	ug/l	99
56) Ethyl methacrylate	10.655	69	68249	16.768	ug/l	89
57) 1,3-Dichloropropane	10.938	76	106482	17.323	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	136500	75.238	ug/l	96
59) 2-Hexanone	10.979	43	151413	88.211	ug/l	100
60) Dibromochloromethane	11.132	129	79717	17.757	ug/l	98
61) 1,2-Dibromoethane	11.238	107	60575	17.426	ug/l	97
64) Tetrachloroethene	10.867	164	71464	18.118	ug/l	92
65) Chlorobenzene	11.661	112	227832	18.684	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.732	131	83468	17.914	ug/l	98
67) Ethyl Benzene	11.732	91	395092	18.575	ug/l	99
68) m/p-Xylenes	11.844	106	319296	38.602	ug/l	97
69) o-Xylene	12.173	106	142474	18.761	ug/l	96
70) Styrene	12.185	104	251059	18.990	ug/l	95
71) Bromoform	12.349	173	43461	17.951	ug/l #	99
73) Isopropylbenzene	12.467	105	374725	18.688	ug/l	100
74) N-amyl acetate	12.279	43	82009	17.888	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.714	83	69636	17.952	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	85616	29.113	ug/l #	100
77) Bromobenzene	12.749	156	88372	18.650	ug/l	92
78) n-propylbenzene	12.808	91	482497	19.189	ug/l	99
79) 2-Chlorotoluene	12.896	91	277534	19.017	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	325373	19.096	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	20317	16.615	ug/l	93
82) 4-Chlorotoluene	12.991	91	291681	18.865	ug/l	100
83) tert-Butylbenzene	13.208	119	274088	18.984	ug/l	96
84) 1,2,4-Trimethylbenzene	13.255	105	324600	19.225	ug/l	100
85) sec-Butylbenzene	13.391	105	414742	18.911	ug/l	99
86) p-Isopropyltoluene	13.502	119	341549	19.173	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	178564	18.336	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	182483	18.933	ug/l	100
89) n-Butylbenzene	13.826	91	317852	18.364	ug/l	99
90) Hexachloroethane	14.096	117	71031	19.173	ug/l	96
91) 1,2-Dichlorobenzene	13.873	146	157447	18.635	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.490	75	10304	17.139	ug/l	89
93) 1,2,4-Trichlorobenzene	15.143	180	85696	17.789	ug/l	99
94) Hexachlorobutadiene	15.249	225	49953	18.580	ug/l	97
95) Naphthalene	15.385	128	148137	17.137	ug/l	98
96) 1,2,3-Trichlorobenzene	15.573	180	76037	17.802	ug/l	99

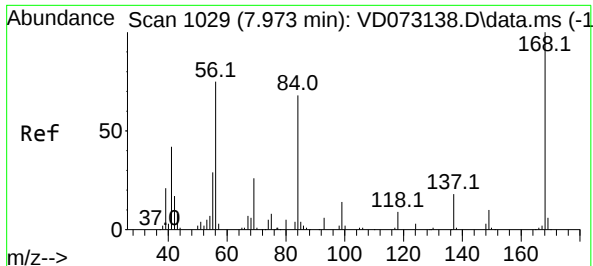
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Response via : Initial Calibration

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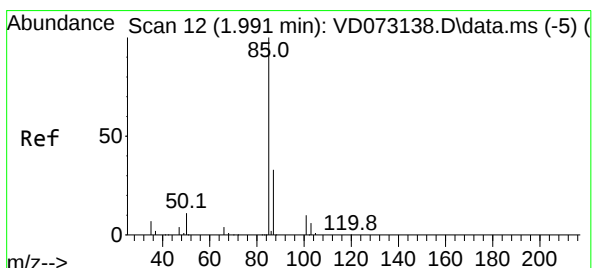
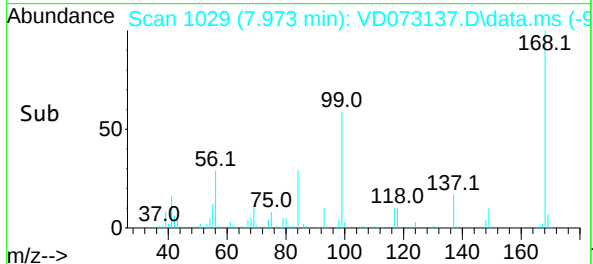
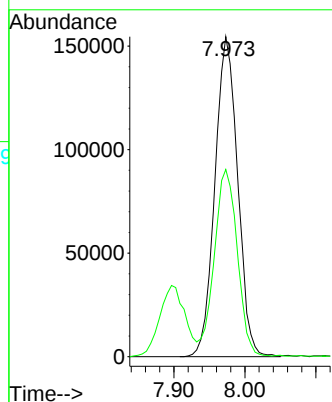
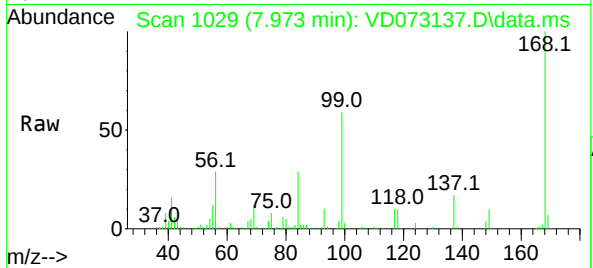
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
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Acq: 19 May 2022 13:37

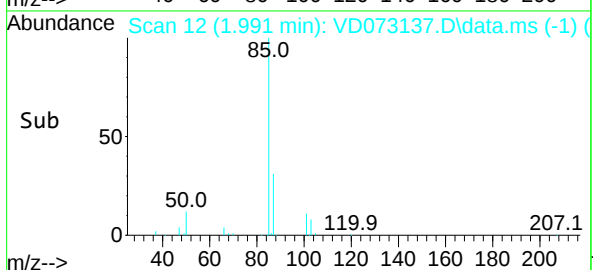
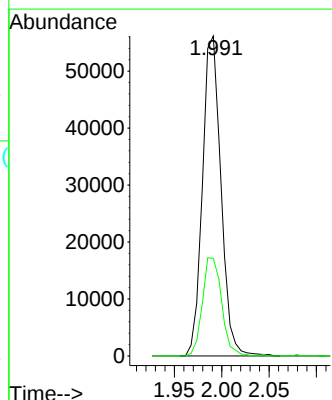
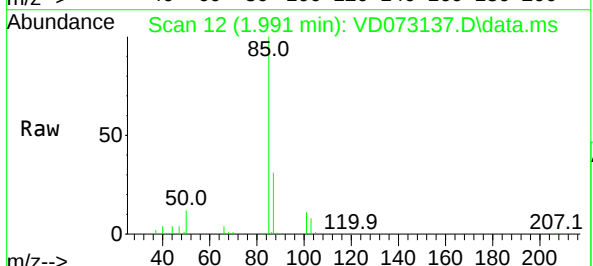
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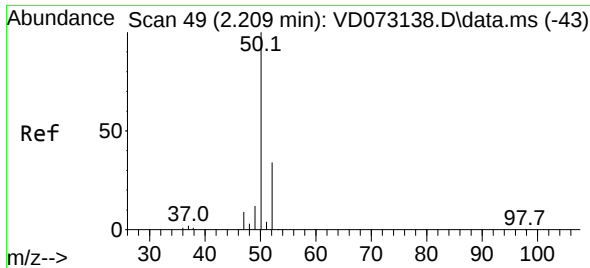
Tgt Ion:168 Resp: 343581
Ion Ratio Lower Upper
168 100
99 58.1 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 18.154 ug/l
RT: 1.991 min Scan# 12
Delta R.T. -0.000 min
Lab File: VD073137.D
Acq: 19 May 2022 13:37

Tgt Ion: 85 Resp: 76407
Ion Ratio Lower Upper
85 100
87 30.5 15.7 47.0

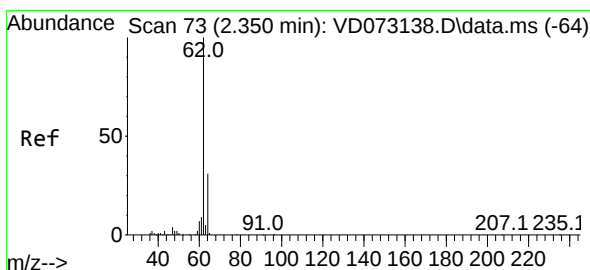
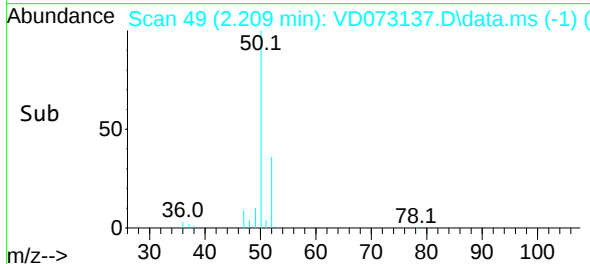
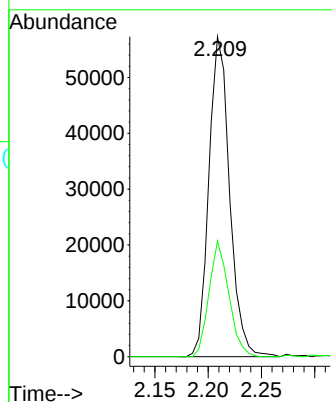
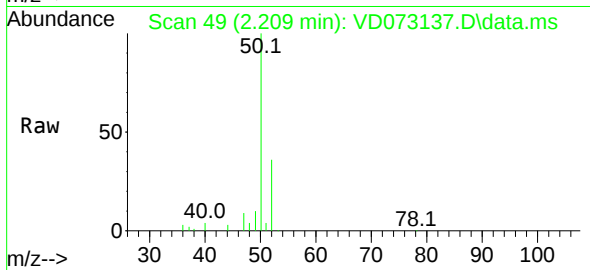




#3
Chloromethane
Concen: 17.846 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD073137.D
Acq: 19 May 2022 13:37

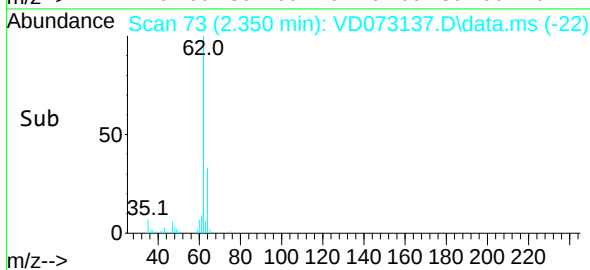
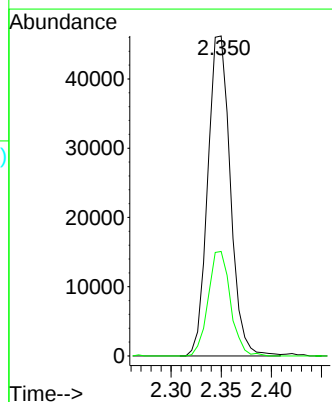
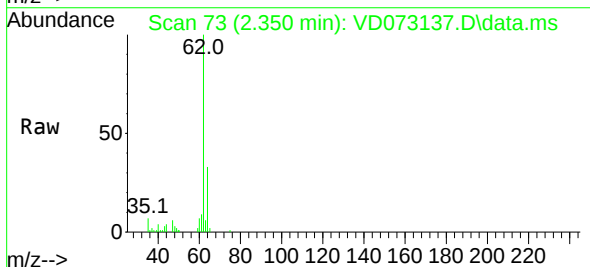
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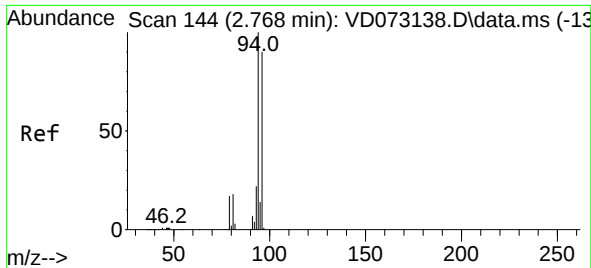
Tgt Ion: 50 Resp: 77567
Ion Ratio Lower Upper
50 100
52 36.2 27.4 41.0



#4
Vinyl Chloride
Concen: 18.060 ug/l
RT: 2.350 min Scan# 73
Delta R.T. -0.000 min
Lab File: VD073137.D
Acq: 19 May 2022 13:37

Tgt Ion: 62 Resp: 72383
Ion Ratio Lower Upper
62 100
64 32.7 25.4 38.0

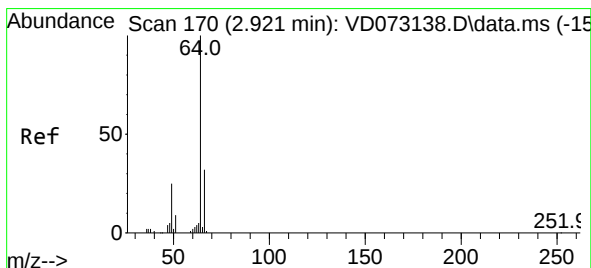
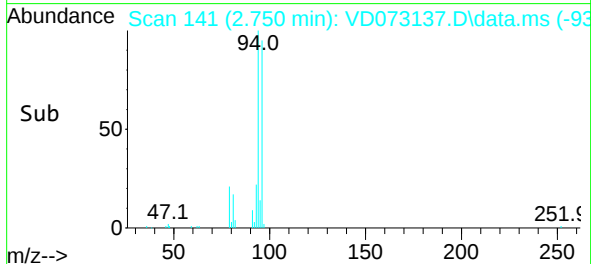
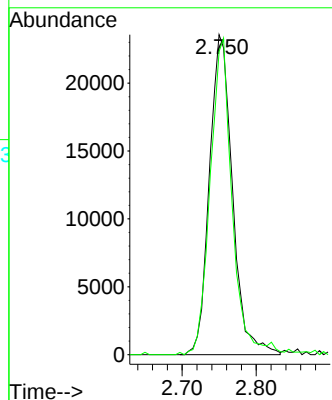
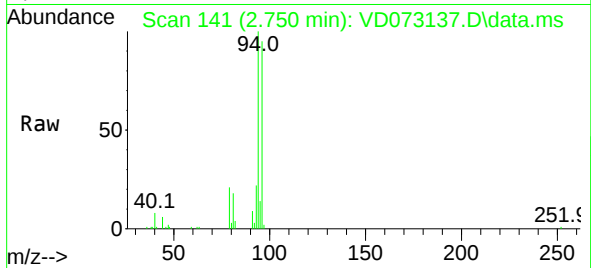




#5
Bromomethane
Concen: 17.886 ug/l
RT: 2.750 min Scan# 144
Delta R.T. -0.018 min
Lab File: VD073137.D
Acq: 19 May 2022 13:37

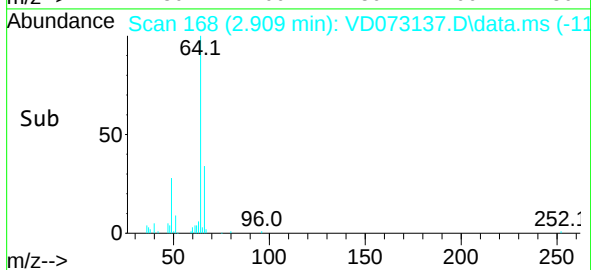
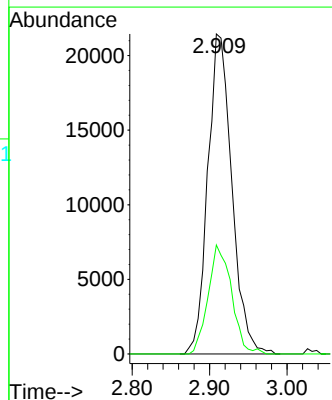
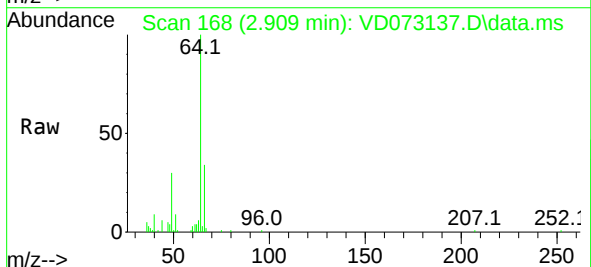
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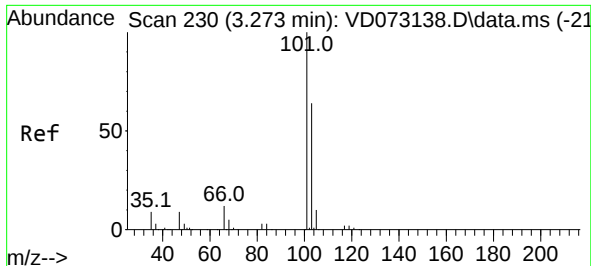
Tgt Ion: 94 Resp: 50888
Ion Ratio Lower Upper
94 100
96 94.0 77.6 116.4



#6
Chloroethane
Concen: 18.505 ug/l
RT: 2.909 min Scan# 168
Delta R.T. -0.012 min
Lab File: VD073137.D
Acq: 19 May 2022 13:37

Tgt Ion: 64 Resp: 46241
Ion Ratio Lower Upper
64 100
66 34.1 25.9 38.9

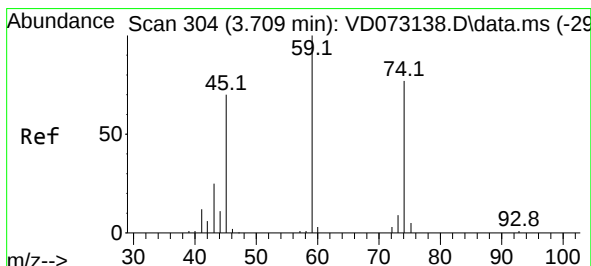
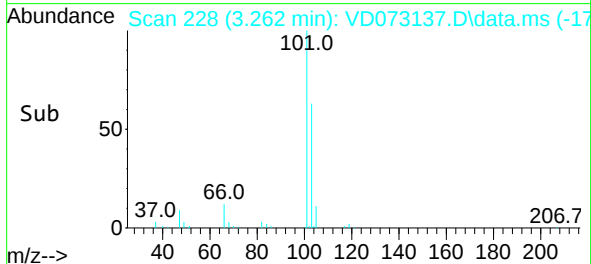
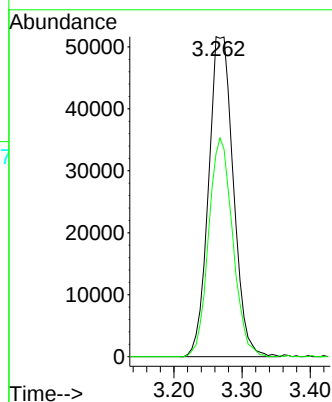
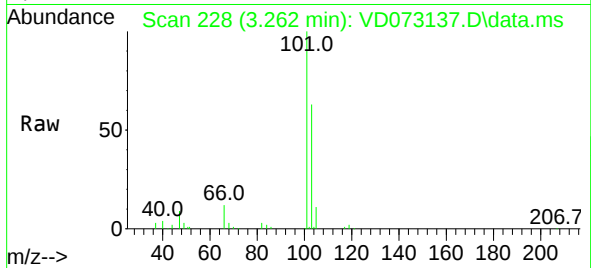




#7
 Trichlorofluoromethane
 Concen: 17.831 ug/l
 RT: 3.262 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: VD073137.D
 Acq: 19 May 2022 13:37

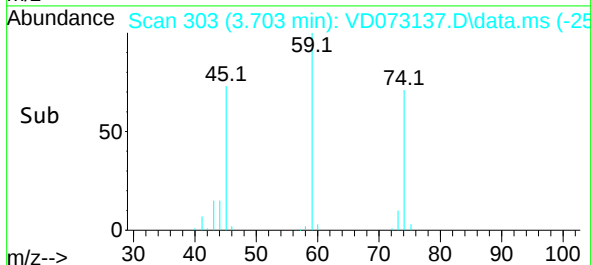
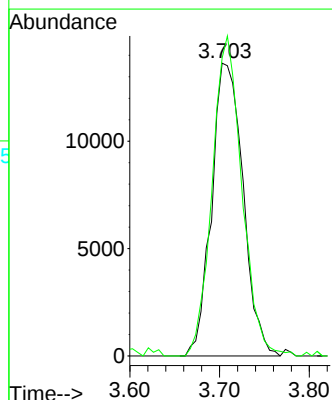
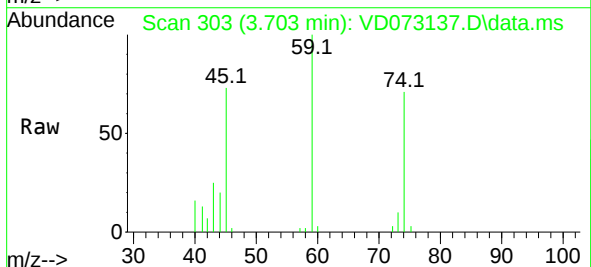
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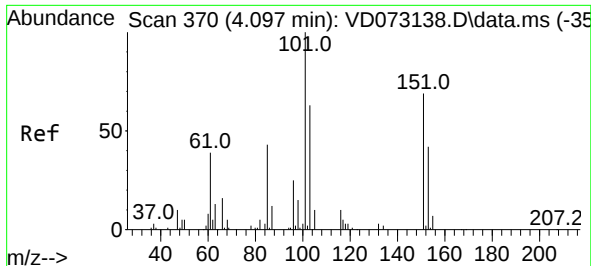
Tgt Ion:101 Resp: 130632
 Ion Ratio Lower Upper
 101 100
 103 63.5 50.1 75.1



#8
 Diethyl Ether
 Concen: 16.638 ug/l
 RT: 3.703 min Scan# 303
 Delta R.T. -0.006 min
 Lab File: VD073137.D
 Acq: 19 May 2022 13:37

Tgt Ion: 74 Resp: 33195
 Ion Ratio Lower Upper
 74 100
 45 103.3 52.6 157.8

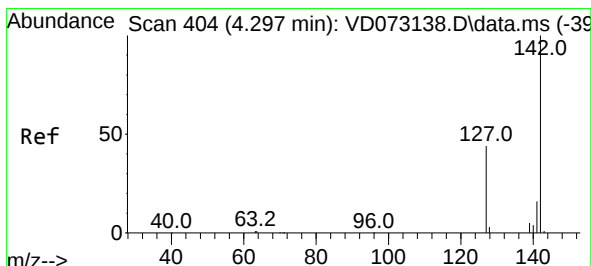
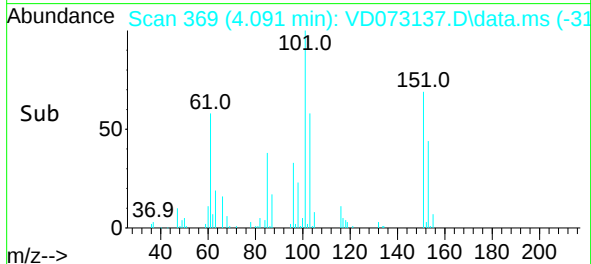
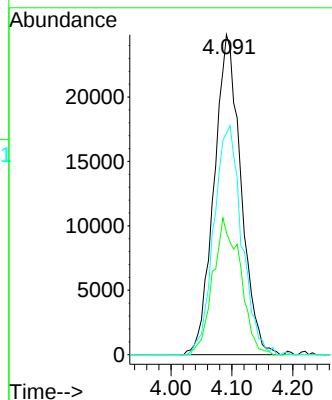
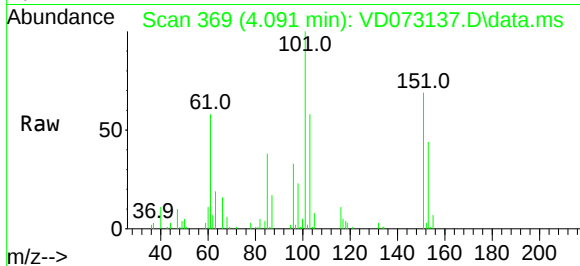




#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.546 ug/l
RT: 4.091 min Scan# 30
Delta R.T. -0.006 min
Lab File: VD073137.D
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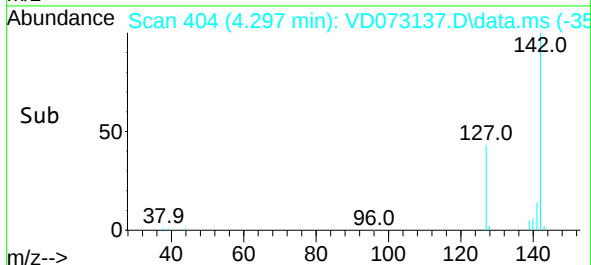
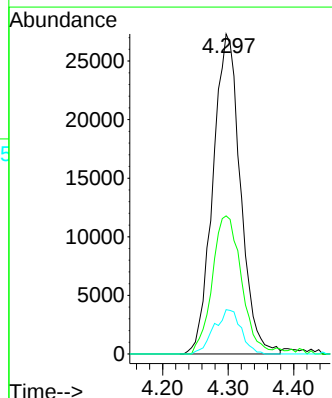
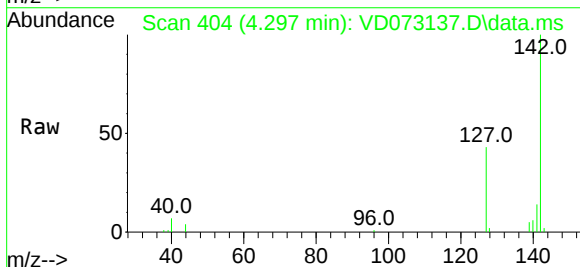
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

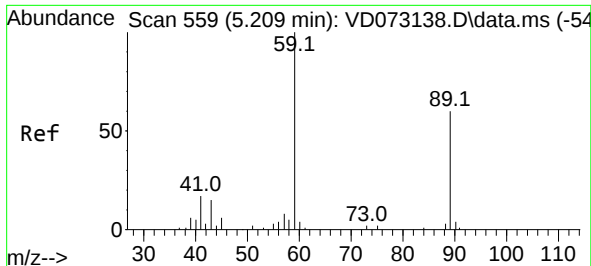
Tgt Ion:	101	Resp:	76097
Ion	Ratio	Lower	Upper
101	100		
85	43.8	36.4	54.6
151	74.2	57.3	85.9



#10
Methyl Iodide
Concen: 18.095 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD073137.D
Acq: 19 May 2022 13:37

Tgt Ion:	142	Resp:	79519
Ion	Ratio	Lower	Upper
142	100		
127	45.7	37.3	55.9
141	13.5	11.7	17.5





#11

Tert butyl alcohol

Concen: 96.451 ug/l

RT: 5.185 min Scan# 51

Delta R.T. -0.024 min

Lab File: VD073137.D

Acq: 19 May 2022 13:37

Instrument :

MSVOA_D

ClientSampleId :

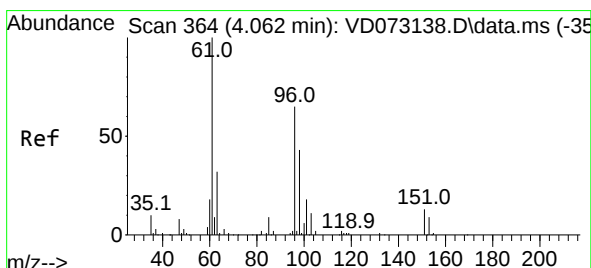
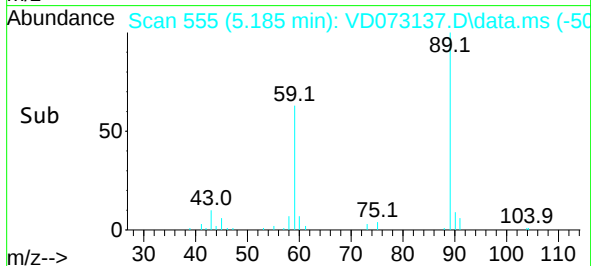
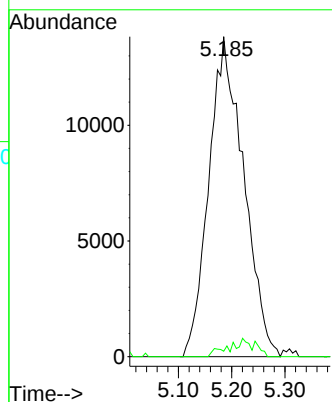
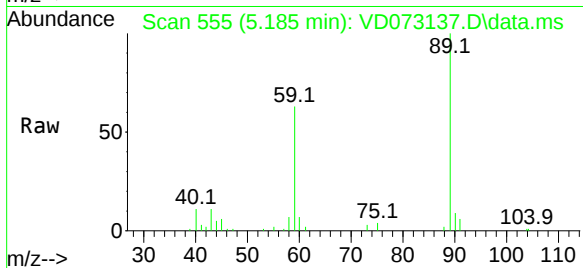
VSTDIC020

Tgt Ion: 59 Resp: 62658

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.6#



#12

1,1-Dichloroethene

Concen: 17.731 ug/l

RT: 4.067 min Scan# 365

Delta R.T. 0.006 min

Lab File: VD073137.D

Acq: 19 May 2022 13:37

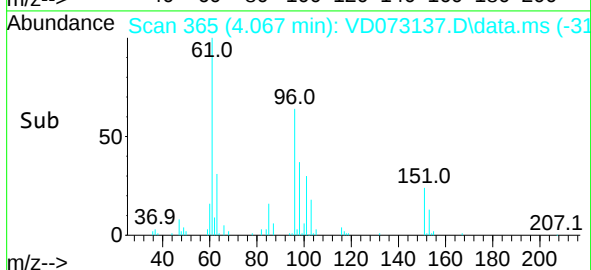
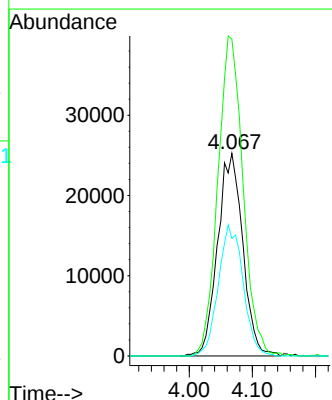
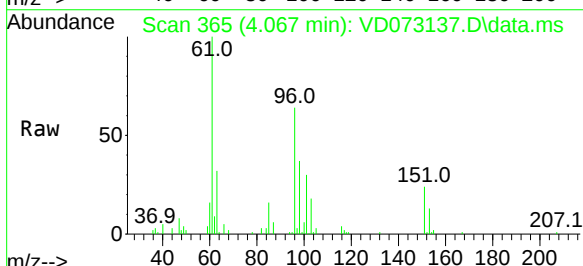
Tgt Ion: 96 Resp: 69858

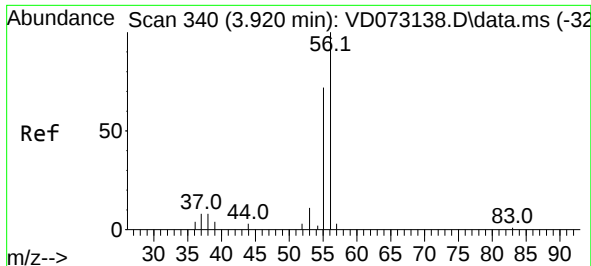
Ion Ratio Lower Upper

96 100

61 156.5 138.5 207.7

98 58.1 48.6 73.0

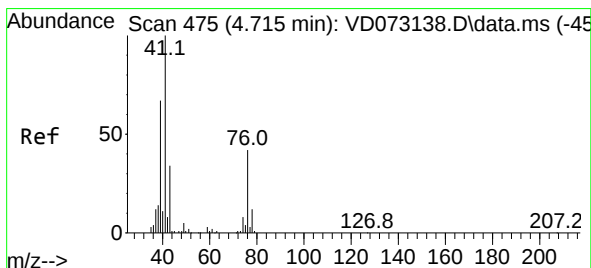
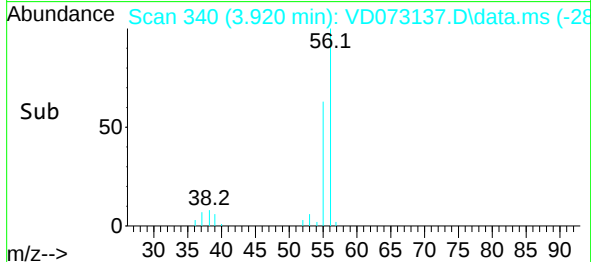
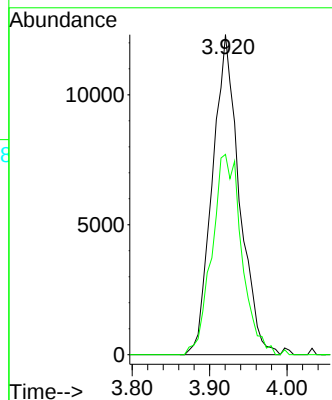
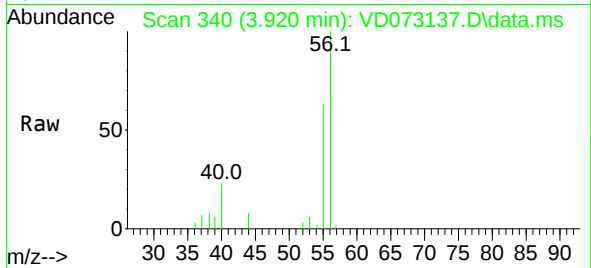




#13
Acrolein
Concen: 88.748 ug/l
RT: 3.920 min Scan# 340
Delta R.T. -0.000 min
Lab File: VD073137.D
Acq: 19 May 2022 13:37

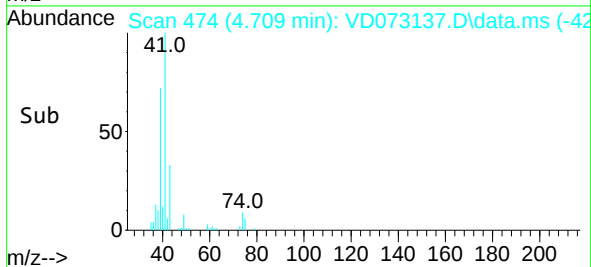
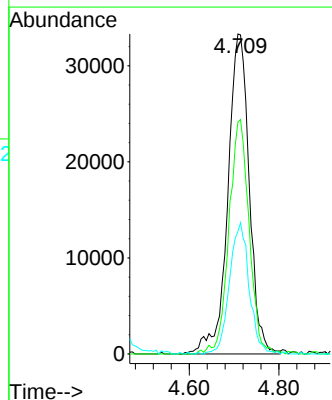
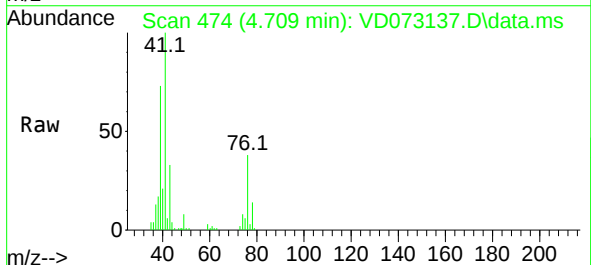
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

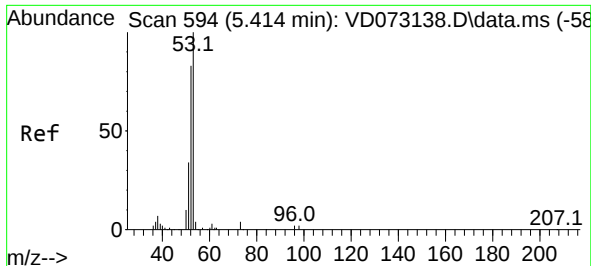
Tgt Ion: 56 Resp: 29858
Ion Ratio Lower Upper
56 100
55 68.9 57.1 85.7



#14
Allyl chloride
Concen: 17.765 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD073137.D
Acq: 19 May 2022 13:37

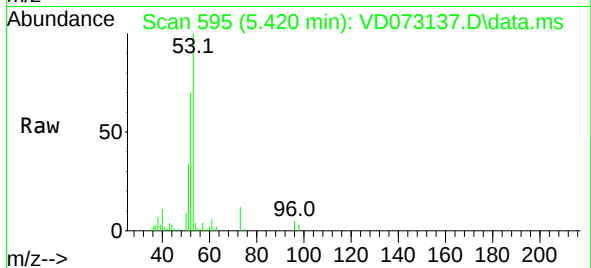
Tgt Ion: 41 Resp: 110728
Ion Ratio Lower Upper
41 100
39 68.9 59.3 88.9
76 37.6 25.7 38.5





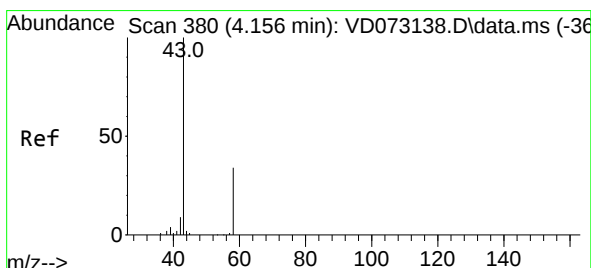
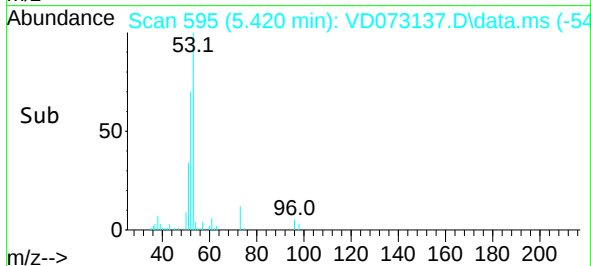
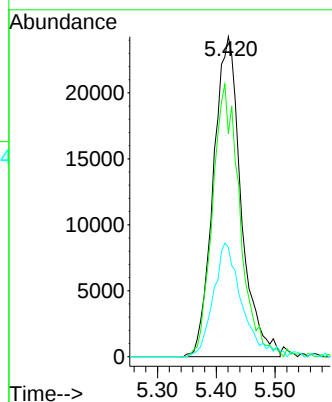
#15
Acrylonitrile
Concen: 84.441 ug/l
RT: 5.420 min Scan# 594
Delta R.T. 0.006 min
Lab File: VD073137.D
Acq: 19 May 2022 13:37

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



Tgt Ion: 53 Resp: 79629

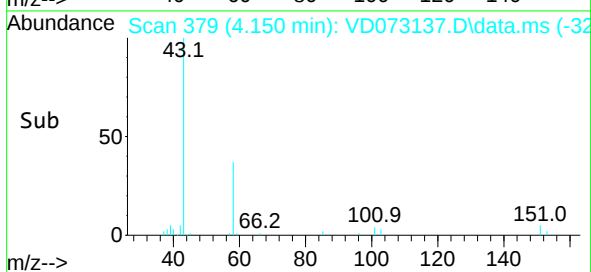
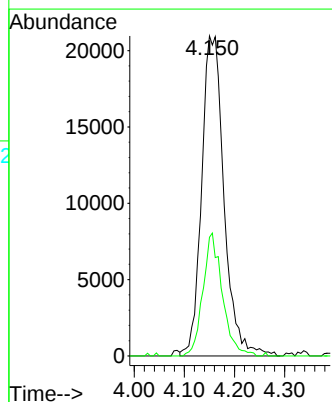
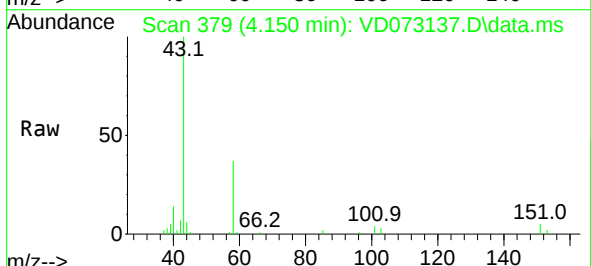
Ion	Ratio	Lower	Upper
53	100		
52	83.3	67.2	100.8
51	36.4	30.3	45.5

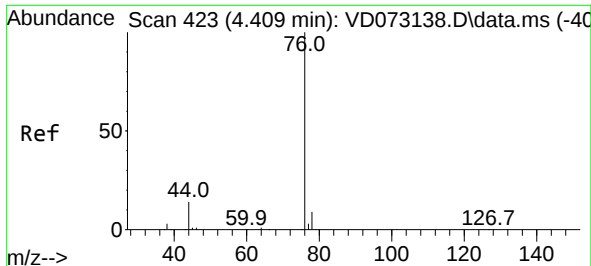


#16
Acetone
Concen: 86.597 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD073137.D
Acq: 19 May 2022 13:37

Tgt Ion: 43 Resp: 64990

Ion	Ratio	Lower	Upper
43	100		
58	37.1	22.1	33.1#

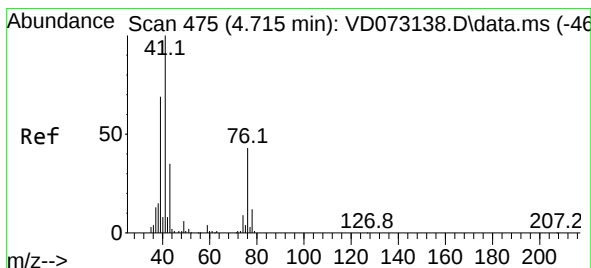
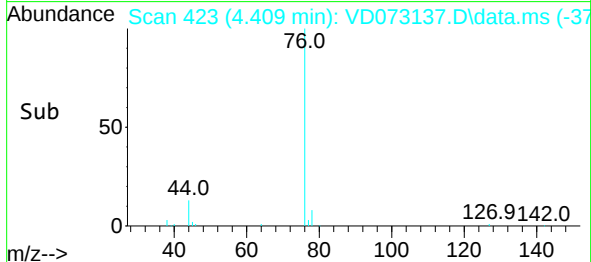
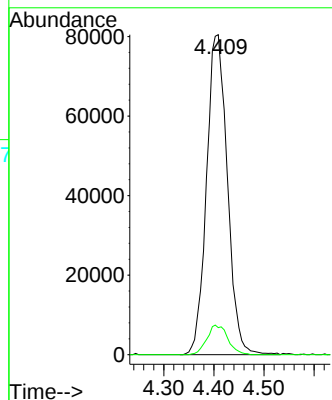
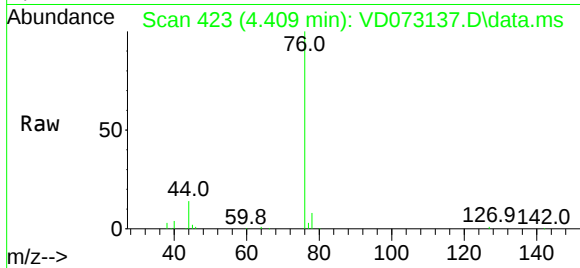




#17
Carbon Disulfide
Concen: 17.718 ug/l
RT: 4.409 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD073137.D
Acq: 19 May 2022 13:37

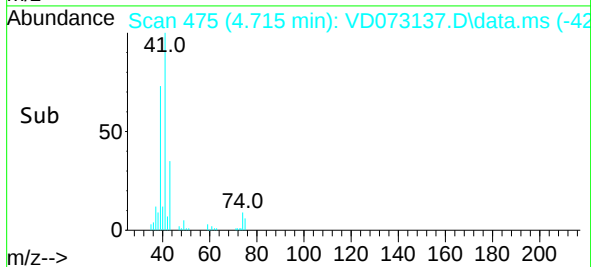
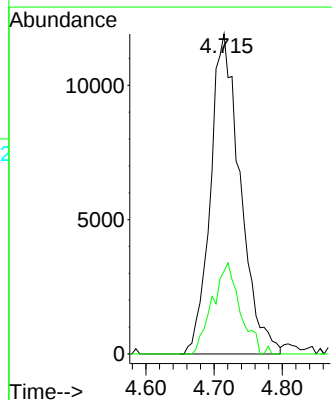
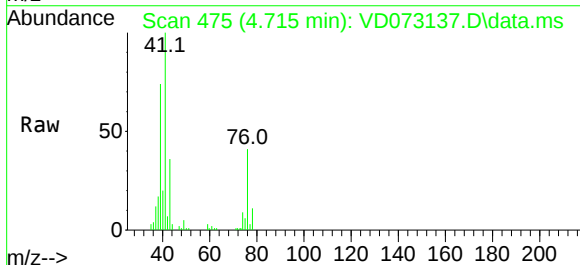
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

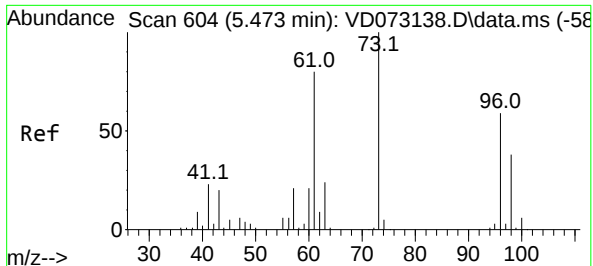
Tgt Ion: 76 Resp: 232399
Ion Ratio Lower Upper
76 100
78 8.4 7.5 11.3



#18
Methyl Acetate
Concen: 15.177 ug/l
RT: 4.715 min Scan# 475
Delta R.T. -0.000 min
Lab File: VD073137.D
Acq: 19 May 2022 13:37

Tgt Ion: 43 Resp: 36311
Ion Ratio Lower Upper
43 100
74 26.1 16.7 25.1#

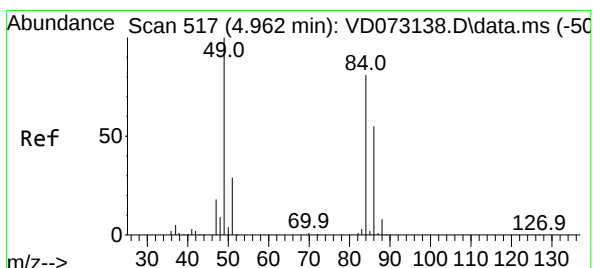
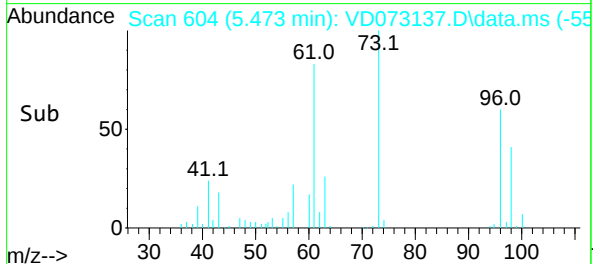
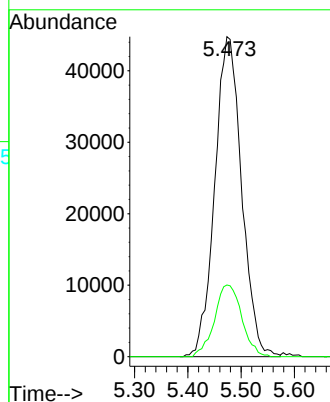
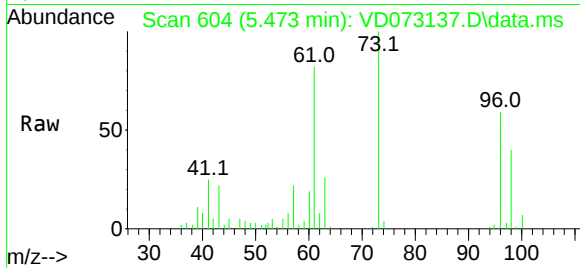




#19
Methyl tert-butyl Ether
Concen: 17.239 ug/l
RT: 5.473 min Scan# 604
Delta R.T. -0.000 min
Lab File: VD073137.D
Acq: 19 May 2022 13:37

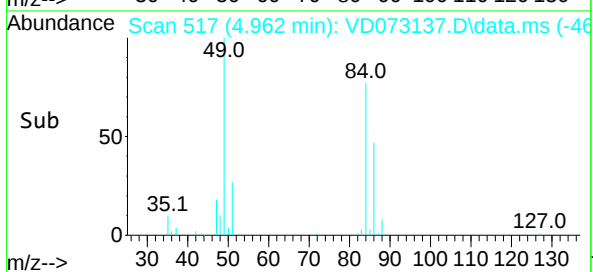
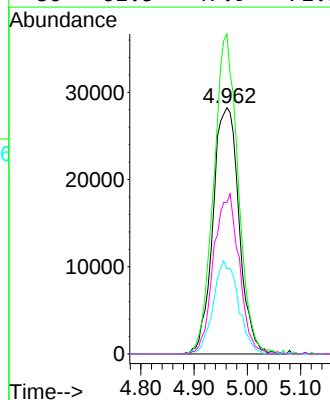
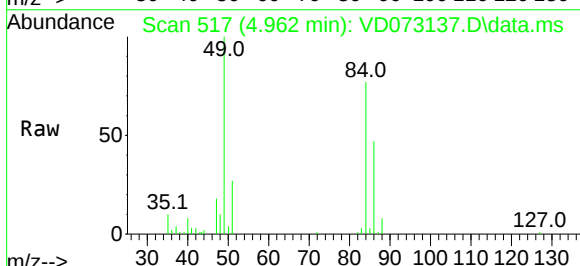
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

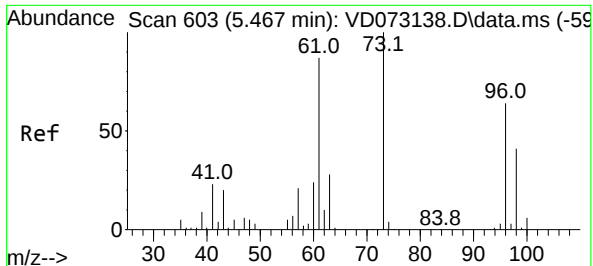
Tgt Ion: 73 Resp: 156661
Ion Ratio Lower Upper
73 100
57 22.4 18.0 27.0



#20
Methylene Chloride
Concen: 17.391 ug/l
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD073137.D
Acq: 19 May 2022 13:37

Tgt Ion: 84 Resp: 96146
Ion Ratio Lower Upper
84 100
49 130.0 112.8 169.2
51 34.6 32.6 48.8
86 61.5 47.9 71.9

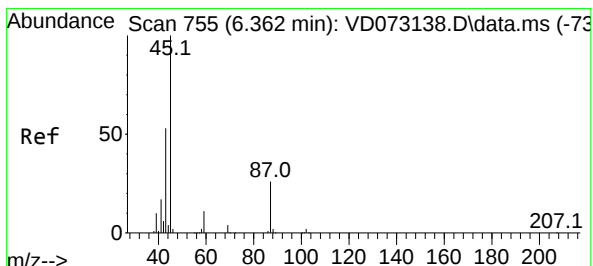
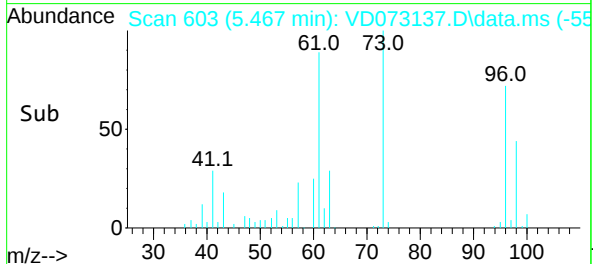
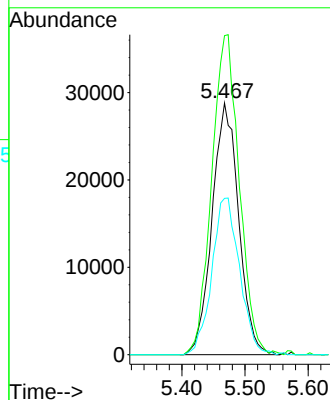
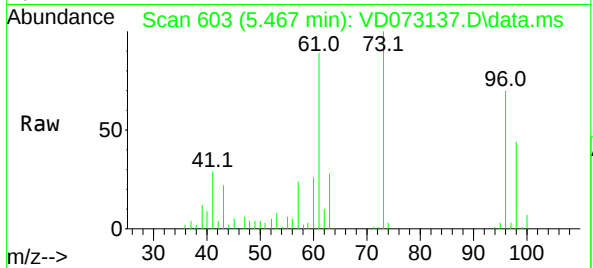




#21
trans-1,2-Dichloroethene
Concen: 17.970 ug/l
RT: 5.467 min Scan# 603
Delta R.T. -0.000 min
Lab File: VD073137.D
Acq: 19 May 2022 13:37

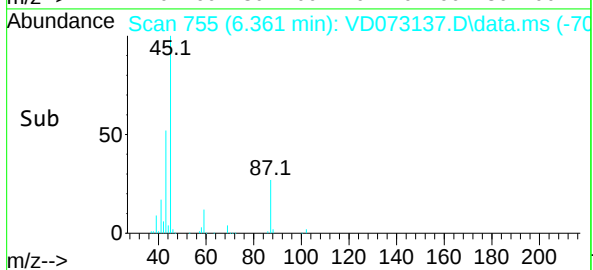
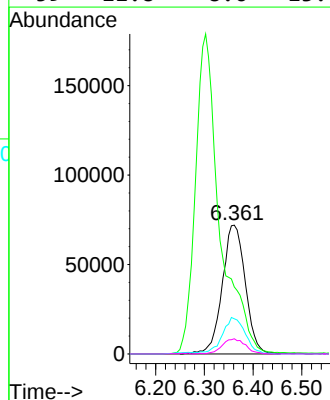
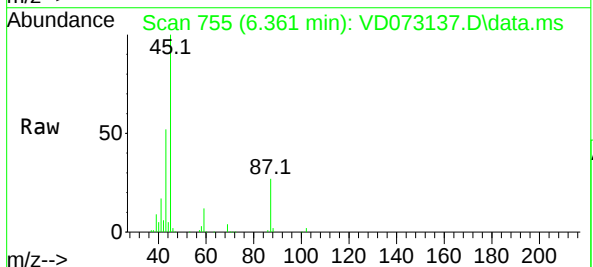
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

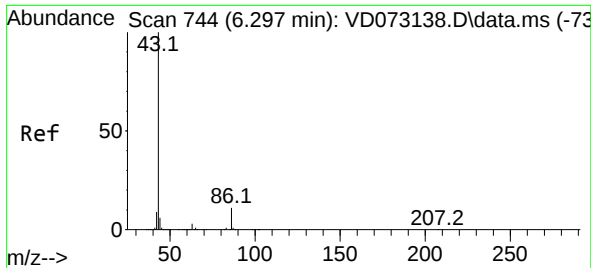
Tgt Ion: 96 Resp: 83926
Ion Ratio Lower Upper
96 100
61 126.8 117.9 176.9
98 62.1 49.4 74.2



#22
Diisopropyl ether
Concen: 17.885 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.000 min
Lab File: VD073137.D
Acq: 19 May 2022 13:37

Tgt Ion: 45 Resp: 237544
Ion Ratio Lower Upper
45 100
43 51.1 46.6 70.0
87 27.3 18.4 27.6
59 11.8 8.6 13.0

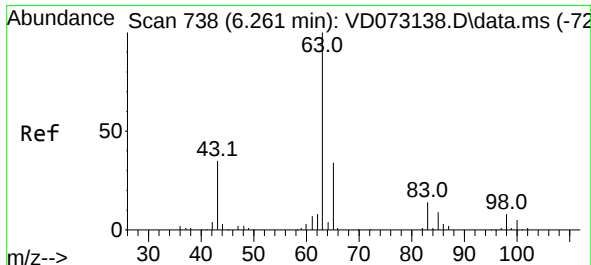
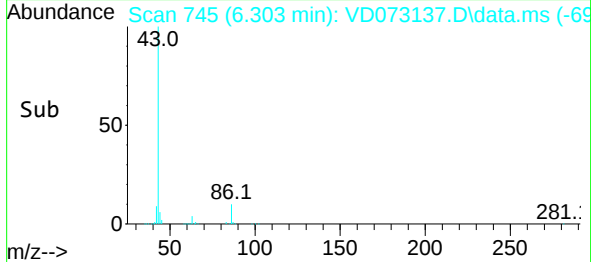
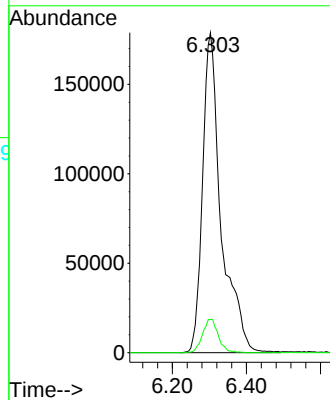
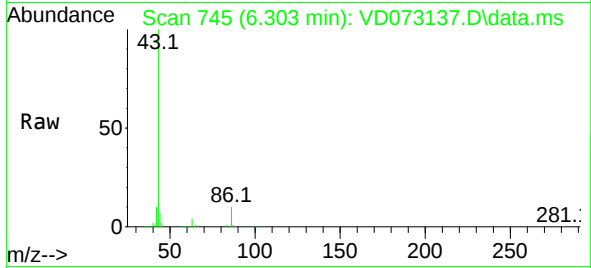




#23
 Vinyl Acetate
 Concen: 87.586 ug/l
 RT: 6.303 min Scan# 744
 Delta R.T. 0.006 min
 Lab File: VD073137.D
 Acq: 19 May 2022 13:37

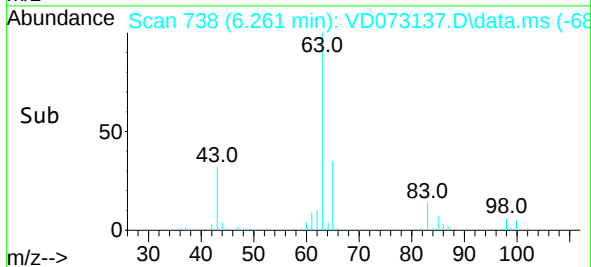
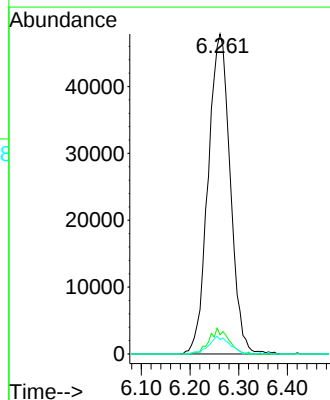
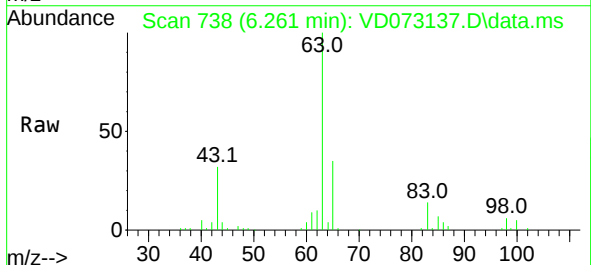
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

Tgt Ion: 43 Resp: 623394
 Ion Ratio Lower Upper
 43 100
 86 10.4 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 18.160 ug/l
 RT: 6.261 min Scan# 738
 Delta R.T. -0.000 min
 Lab File: VD073137.D
 Acq: 19 May 2022 13:37

Tgt Ion: 63 Resp: 150884
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.6 10.9
 100 4.5 2.1 6.5

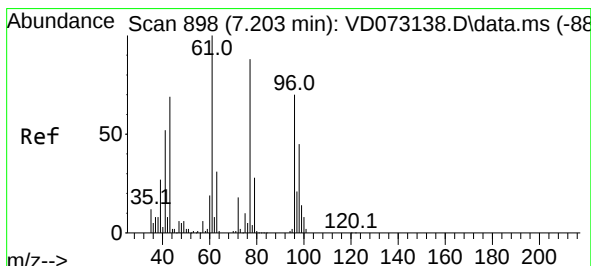
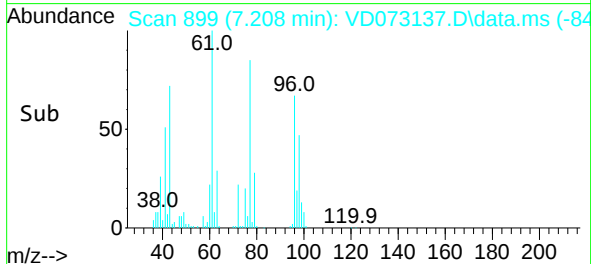
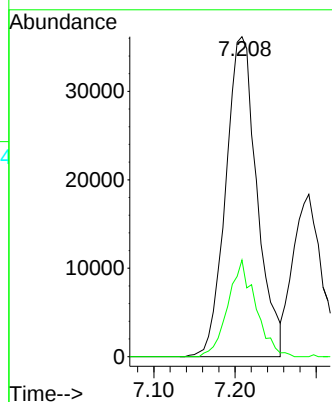
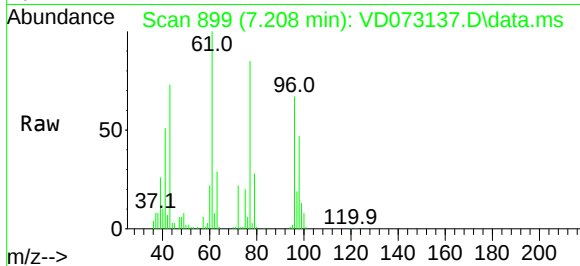




#25
2-Butanone
Concen: 84.922 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.000 min
Lab File: VD073137.D
Acq: 19 May 2022 13:37

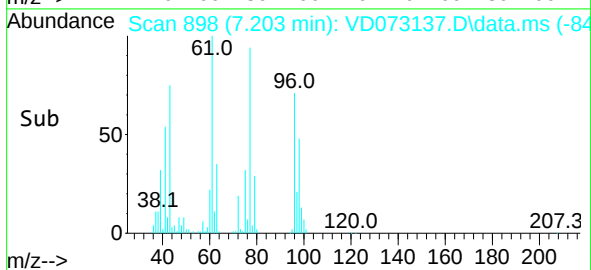
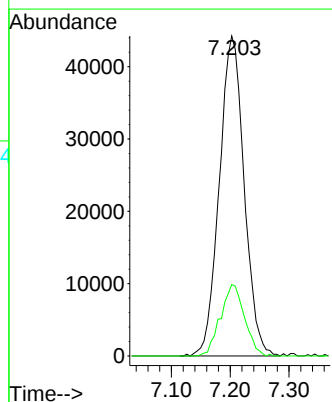
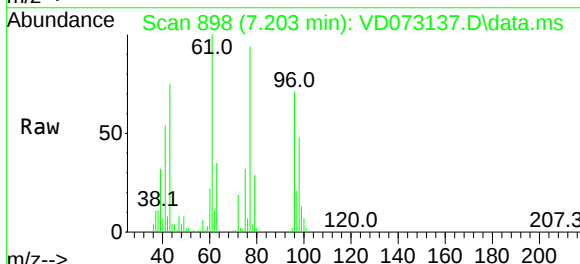
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 96896
Ion Ratio Lower Upper
43 100
72 30.2 18.6 27.8#



#26
2,2-Dichloropropane
Concen: 18.394 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.000 min
Lab File: VD073137.D
Acq: 19 May 2022 13:37

Tgt Ion: 77 Resp: 129838
Ion Ratio Lower Upper
77 100
97 21.6 10.8 32.4





#27

cis-1,2-Dichloroethene

Concen: 17.849 ug/l

RT: 7.208 min Scan# 899

Delta R.T. -0.000 min

Lab File: VD073137.D

Acq: 19 May 2022 13:37

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

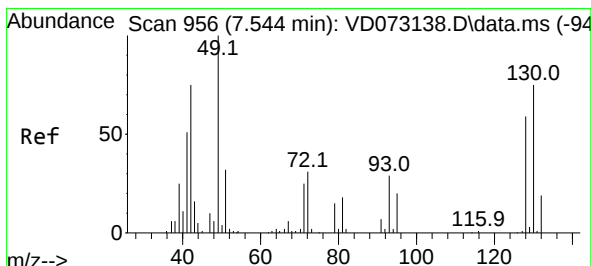
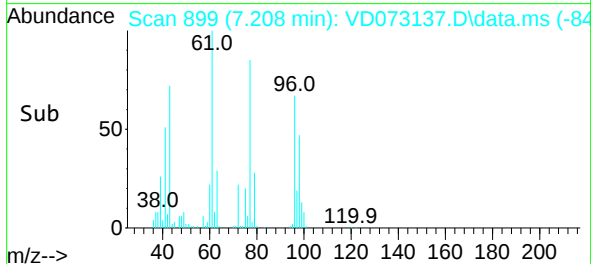
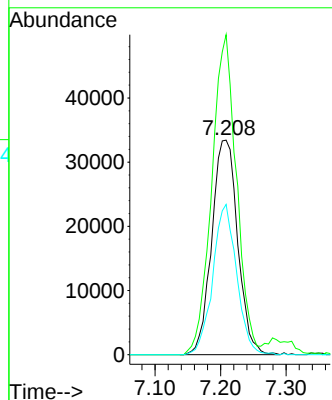
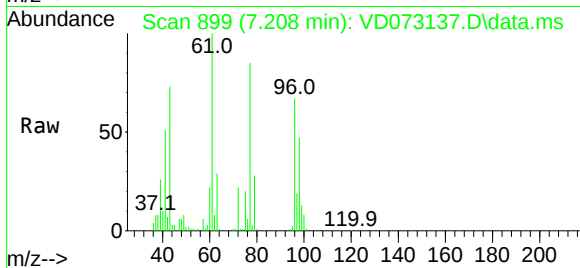
Tgt Ion: 96 Resp: 91910

Ion Ratio Lower Upper

96 100

61 142.5 0.0 313.8

98 64.4 0.0 128.8



#28

Bromochloromethane

Concen: 16.568 ug/l

RT: 7.544 min Scan# 956

Delta R.T. -0.000 min

Lab File: VD073137.D

Acq: 19 May 2022 13:37

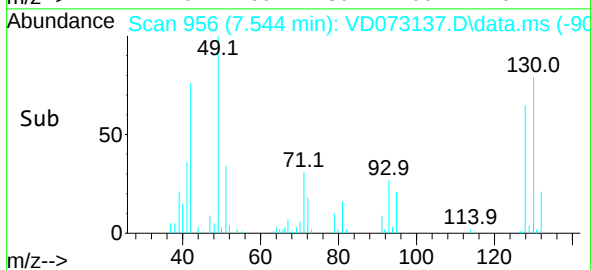
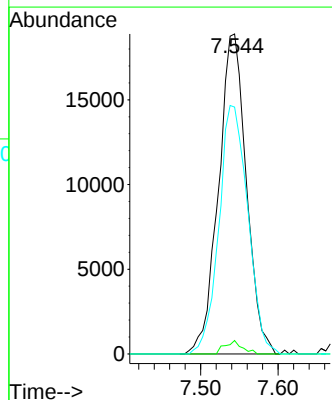
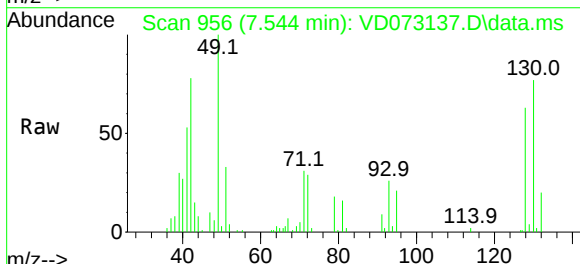
Tgt Ion: 49 Resp: 47283

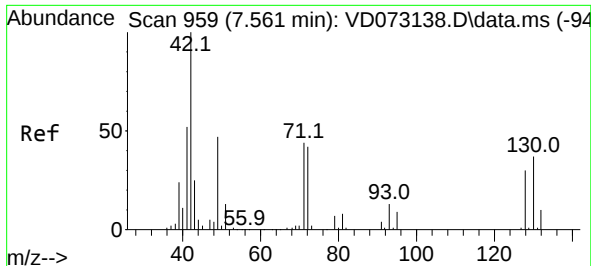
Ion Ratio Lower Upper

49 100

129 2.6 0.0 4.0

130 80.4 52.6 79.0#





#29

Tetrahydrofuran

Concen: 85.104 ug/l

RT: 7.556 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD073137.D

Acq: 19 May 2022 13:37

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

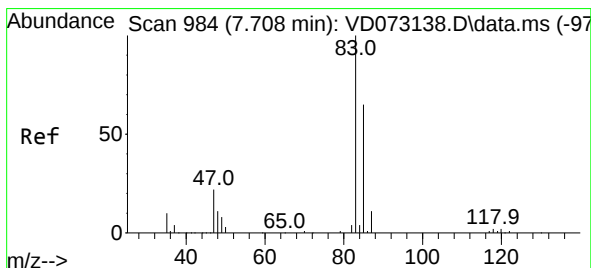
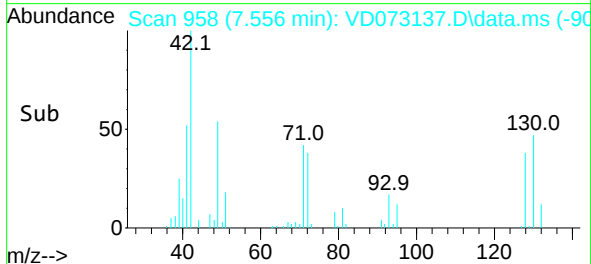
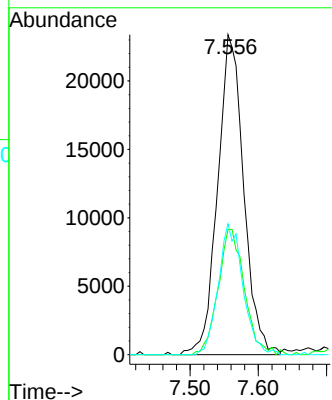
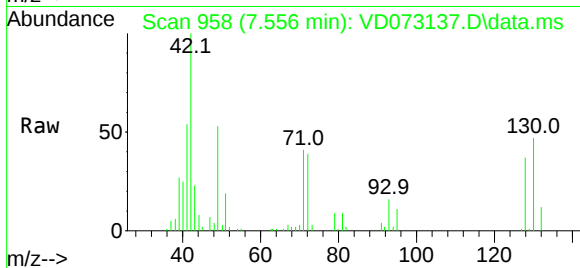
Tgt Ion: 42 Resp: 62096

Ion Ratio Lower Upper

42 100

72 39.7 30.7 46.1

71 38.8 28.6 43.0



#30

Chloroform

Concen: 17.737 ug/l

RT: 7.703 min Scan# 983

Delta R.T. -0.006 min

Lab File: VD073137.D

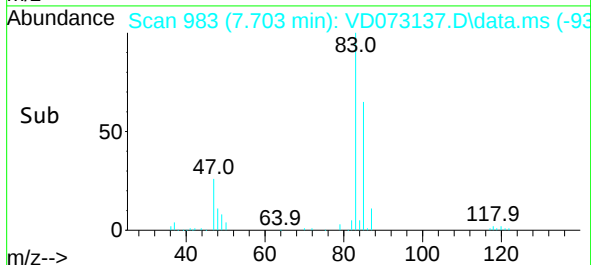
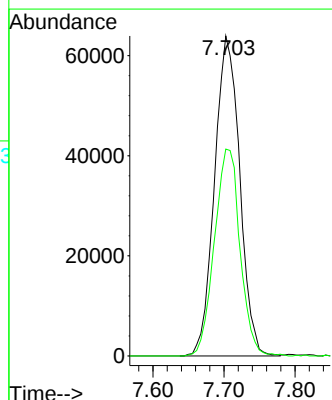
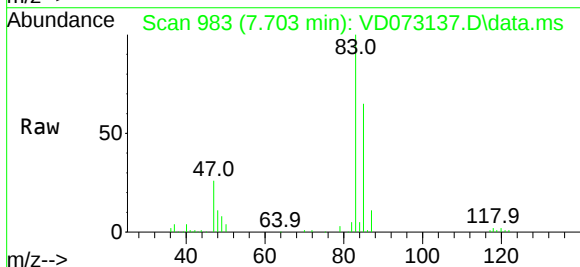
Acq: 19 May 2022 13:37

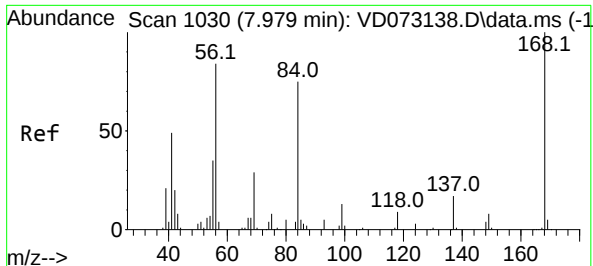
Tgt Ion: 83 Resp: 157283

Ion Ratio Lower Upper

83 100

85 64.7 52.7 79.1





#31

Cyclohexane

Concen: 16.963 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.000 min

Lab File: VD073137.D

Acq: 19 May 2022 13:37

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

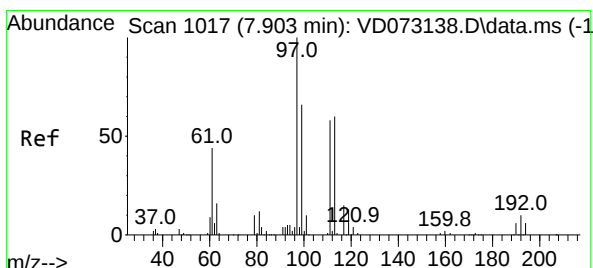
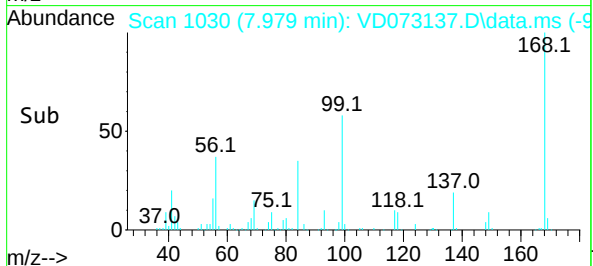
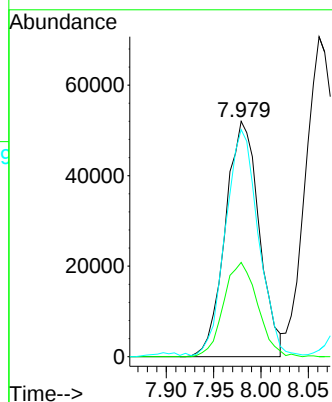
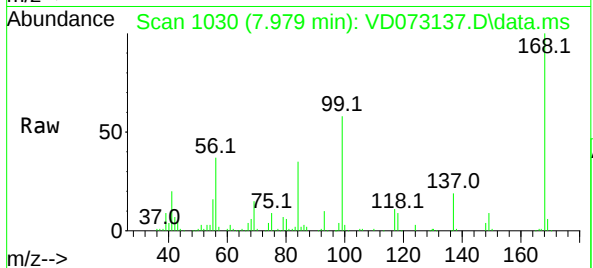
Tgt Ion: 56 Resp: 129249

Ion Ratio Lower Upper

56 100

69 40.1 25.4 38.2#

84 95.9 63.0 94.4#



#32

1,1,1-Trichloroethane

Concen: 18.245 ug/l

RT: 7.897 min Scan# 1016

Delta R.T. -0.006 min

Lab File: VD073137.D

Acq: 19 May 2022 13:37

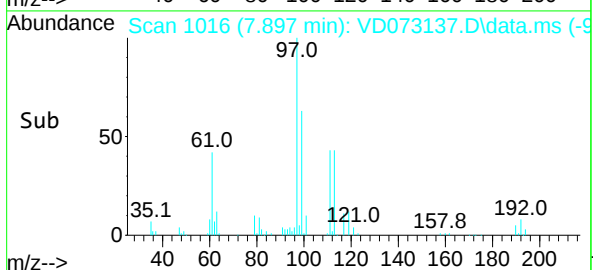
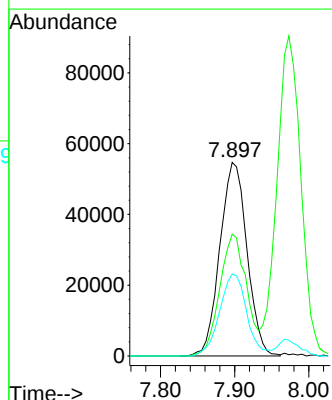
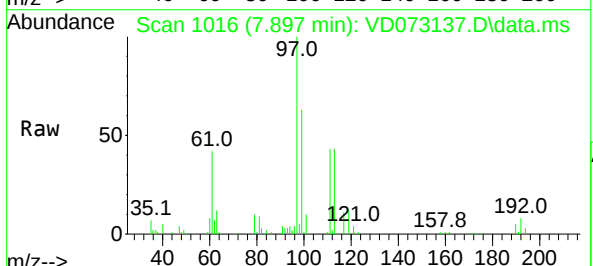
Tgt Ion: 97 Resp: 138996

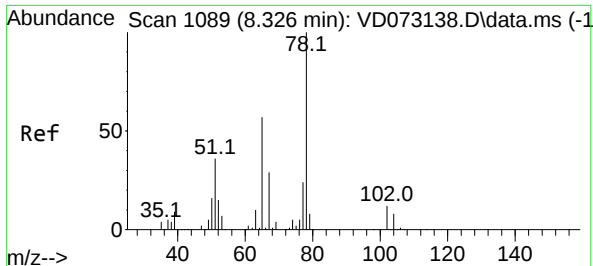
Ion Ratio Lower Upper

97 100

99 62.1 52.4 78.6

61 42.5 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 17.937 ug/l

RT: 8.326 min Scan# 1108

Delta R.T. -0.000 min

Lab File: VD073137.D

Acq: 19 May 2022 13:37

Instrument :

MSVOA_D

ClientSampleId :

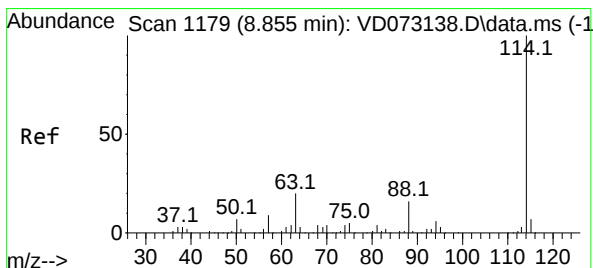
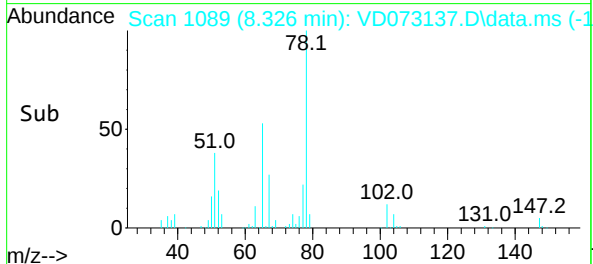
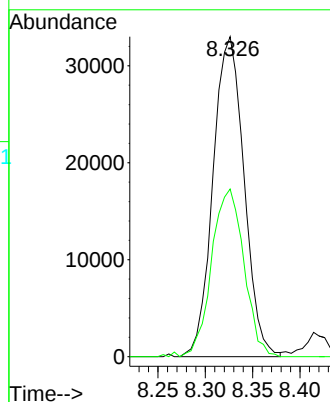
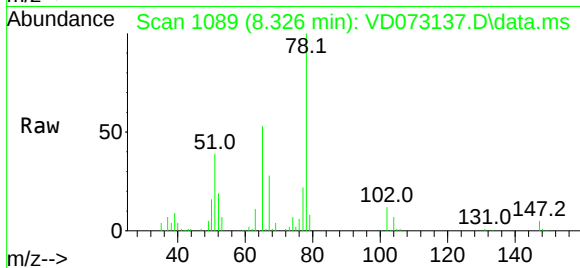
VSTDICC020

Tgt Ion: 65 Resp: 75256

Ion Ratio Lower Upper

65 100

67 54.7 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VD073137.D

Acq: 19 May 2022 13:37

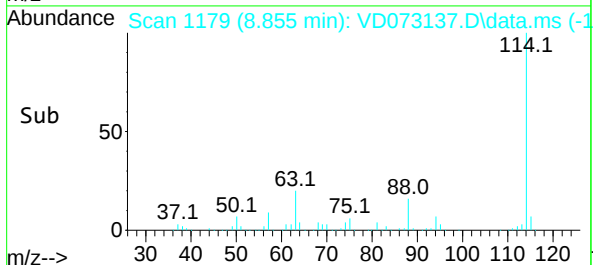
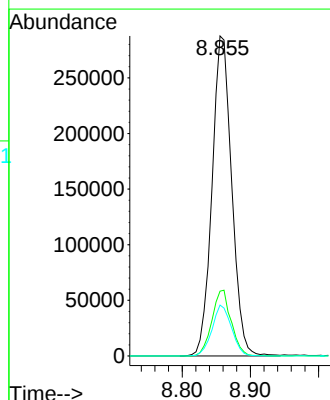
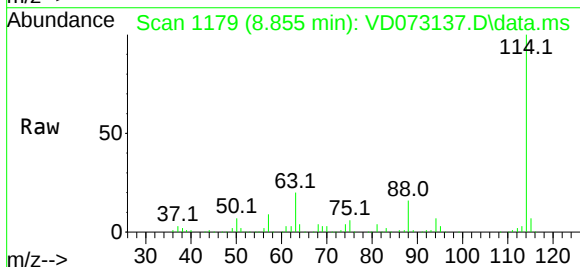
Tgt Ion: 114 Resp: 577841

Ion Ratio Lower Upper

114 100

63 20.3 0.0 46.6

88 15.9 0.0 33.2





#35

Dibromofluoromethane

Concen: 19.741 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD073137.D

Acq: 19 May 2022 13:37

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

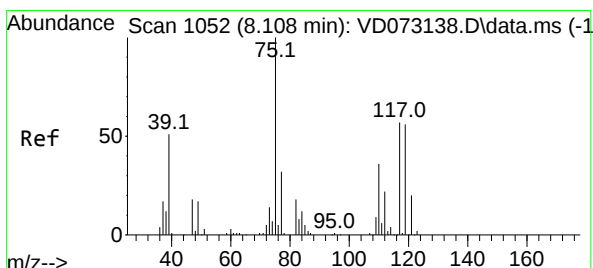
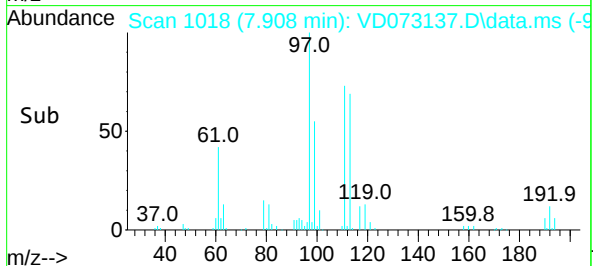
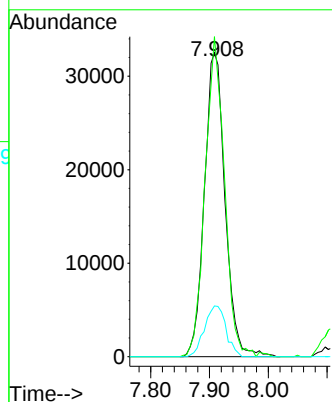
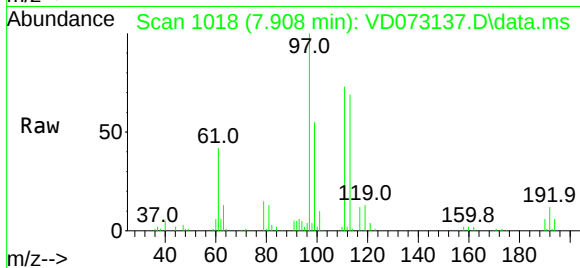
Tgt Ion:113 Resp: 79157

Ion Ratio Lower Upper

113 100

111 98.7 83.8 125.6

192 17.4 14.6 21.8



#36

1,1-Dichloropropene

Concen: 18.100 ug/l

RT: 8.108 min Scan# 1052

Delta R.T. -0.000 min

Lab File: VD073137.D

Acq: 19 May 2022 13:37

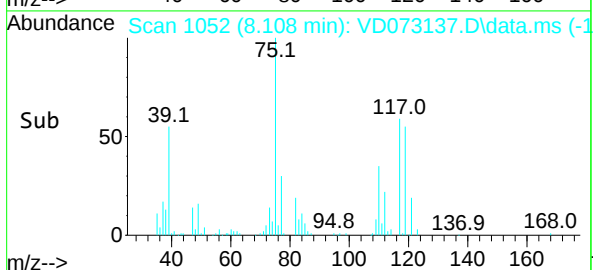
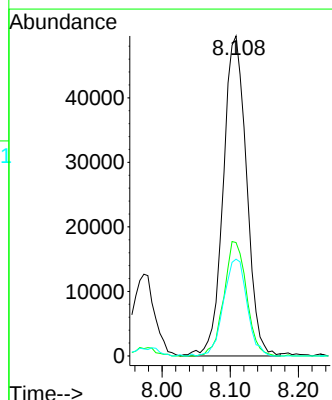
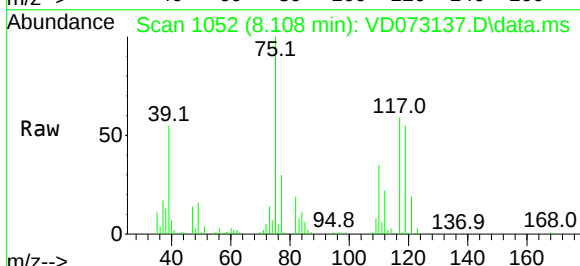
Tgt Ion: 75 Resp: 117961

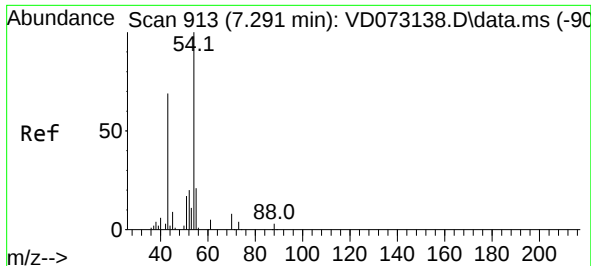
Ion Ratio Lower Upper

75 100

110 34.7 16.4 49.1

77 30.4 24.2 36.2





#37

Ethyl Acetate

Concen: 17.306 ug/l

RT: 7.291 min Scan# 913

Delta R.T. -0.000 min

Lab File: VD073137.D

Acq: 19 May 2022 13:37

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

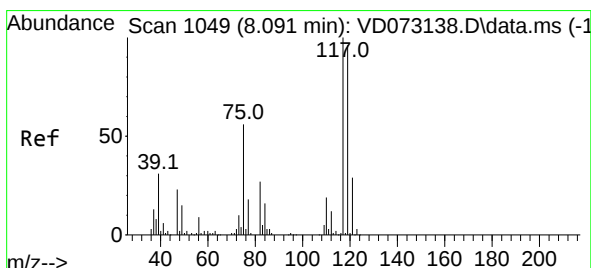
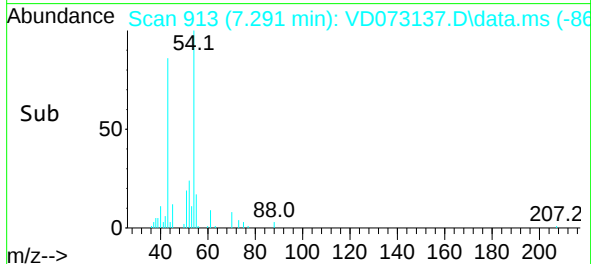
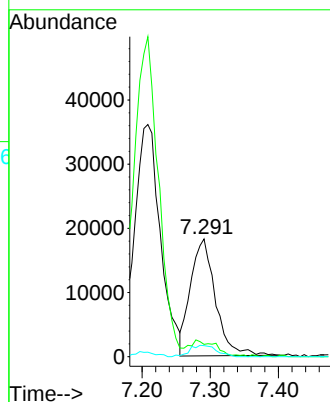
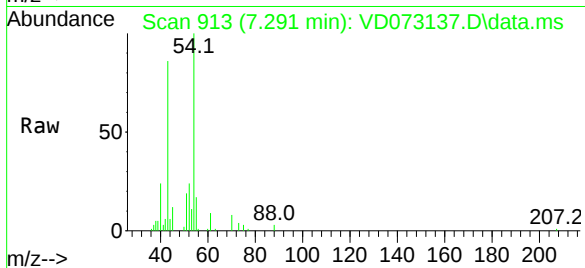
Tgt Ion: 43 Resp: 46362

Ion Ratio Lower Upper

43 100

61 14.8 9.8 14.8#

70 10.3 6.9 10.3#



#38

Carbon Tetrachloride

Concen: 18.195 ug/l

RT: 8.091 min Scan# 1049

Delta R.T. -0.000 min

Lab File: VD073137.D

Acq: 19 May 2022 13:37

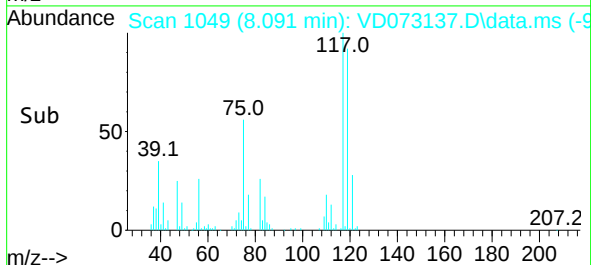
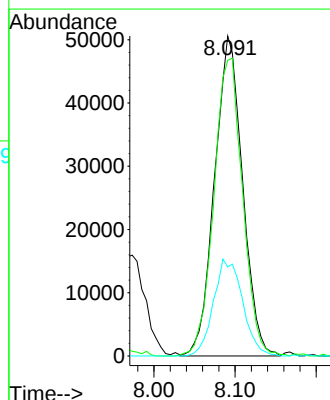
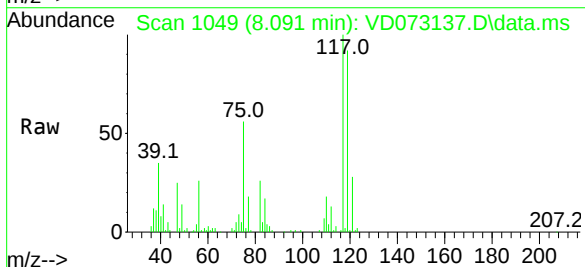
Tgt Ion: 117 Resp: 121291

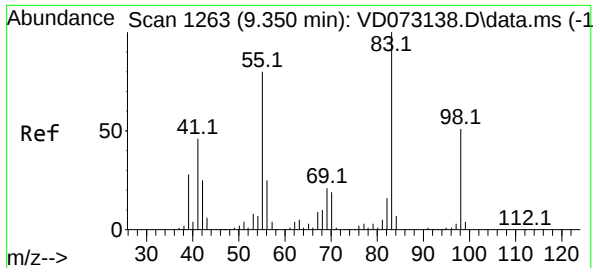
Ion Ratio Lower Upper

117 100

119 92.1 75.8 113.6

121 27.9 24.5 36.7

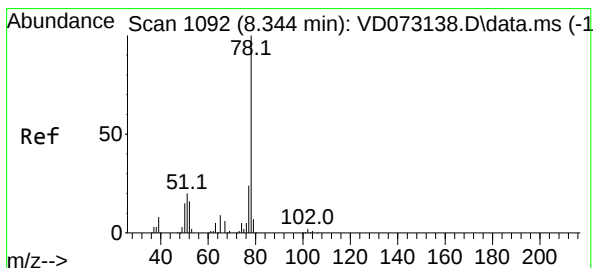
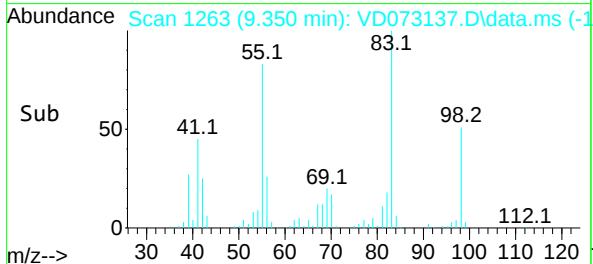
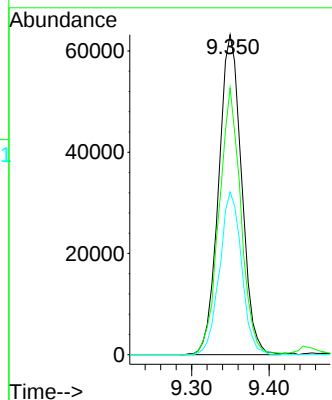
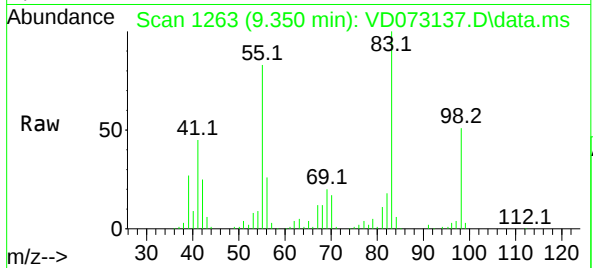




#39
Methylcyclohexane
Concen: 17.175 ug/l
RT: 9.350 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD073137.D
Acq: 19 May 2022 13:37

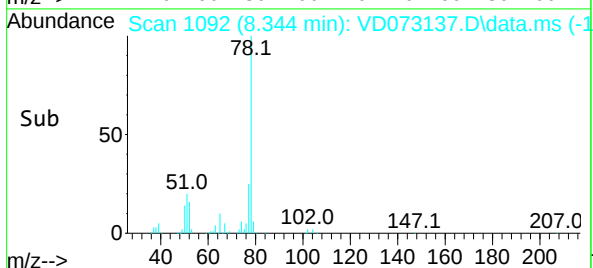
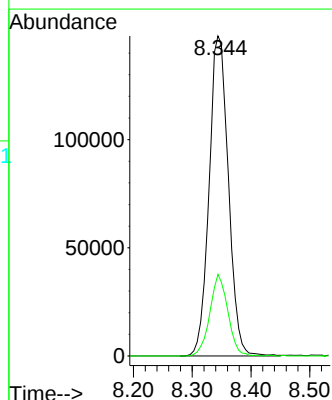
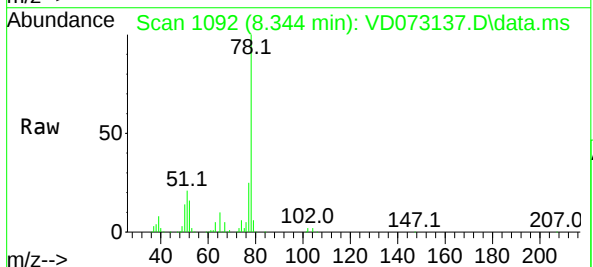
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

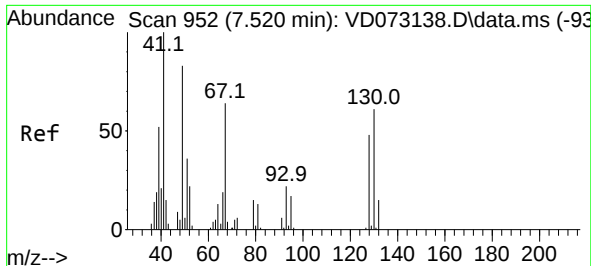
Tgt Ion: 83 Resp: 129932
Ion Ratio Lower Upper
83 100
55 83.4 63.2 94.8
98 50.9 38.2 57.4



#40
Benzene
Concen: 18.191 ug/l
RT: 8.344 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VD073137.D
Acq: 19 May 2022 13:37

Tgt Ion: 78 Resp: 337352
Ion Ratio Lower Upper
78 100
77 25.5 19.1 28.7

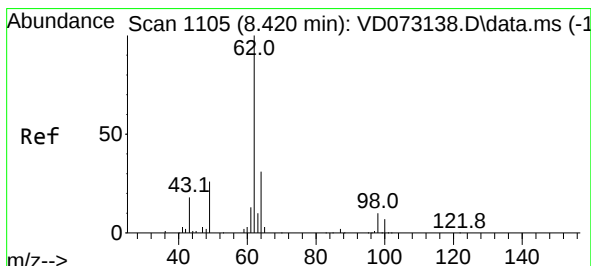
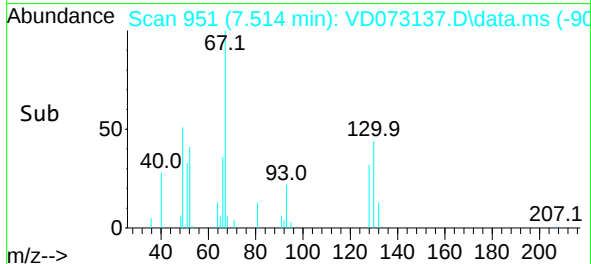
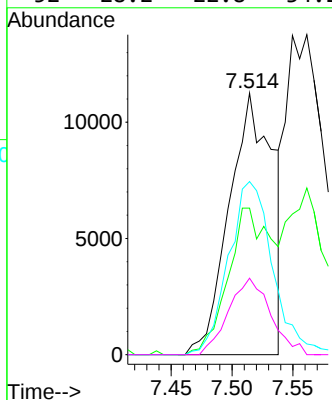
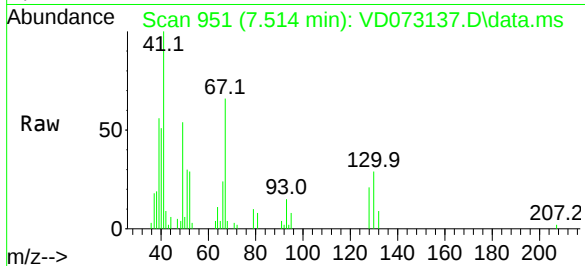




#41
Methacrylonitrile
Concen: 18.839 ug/l
RT: 7.514 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD073137.D
Acq: 19 May 2022 13:37

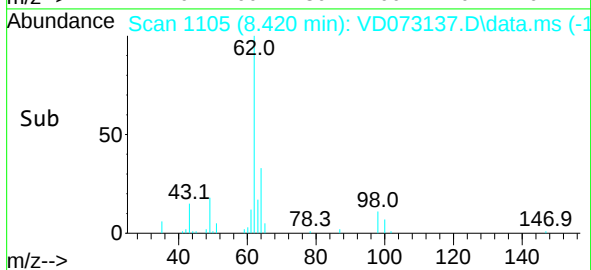
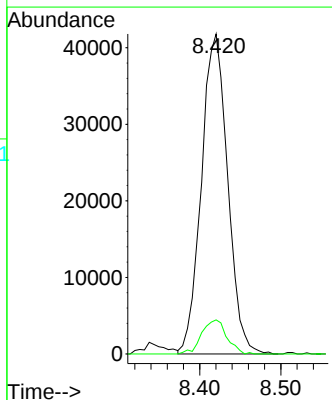
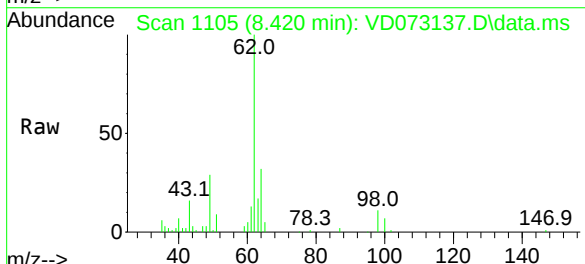
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion:	41	Resp:	27963
Ion	Ratio	Lower	Upper
41	100		
39	56.9	44.6	67.0
67	67.6	48.2	72.4
52	28.2	22.8	34.2



#42
1,2-Dichloroethane
Concen: 17.528 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VD073137.D
Acq: 19 May 2022 13:37

Tgt Ion:	62	Resp:	93951
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	17.6

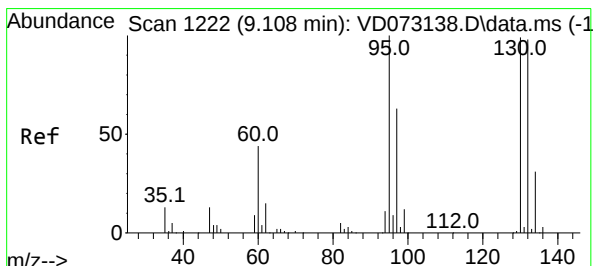
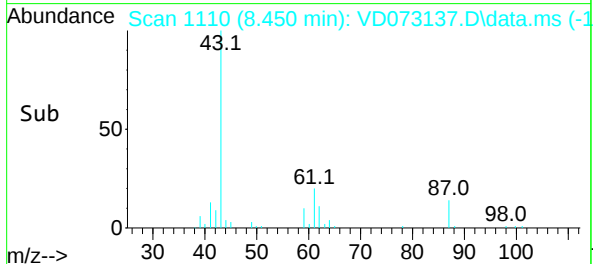
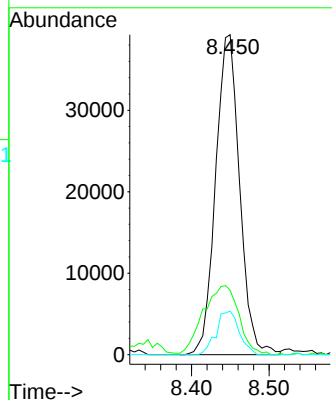
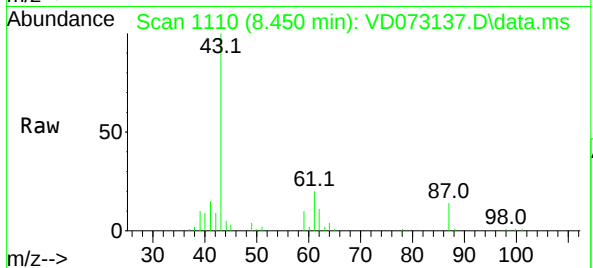




#43
Isopropyl Acetate
Concen: 16.892 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. 0.006 min
Lab File: VD073137.D
Acq: 19 May 2022 13:37

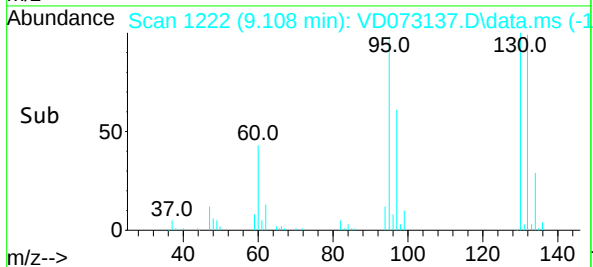
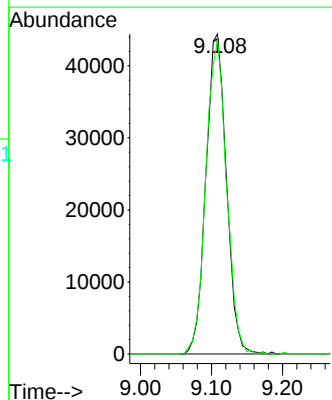
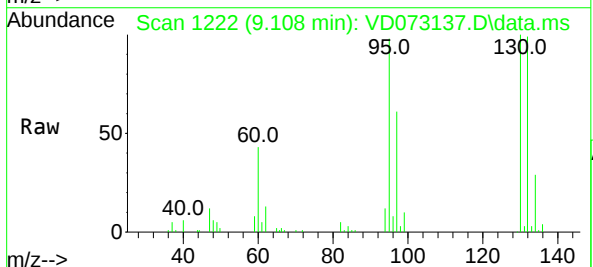
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

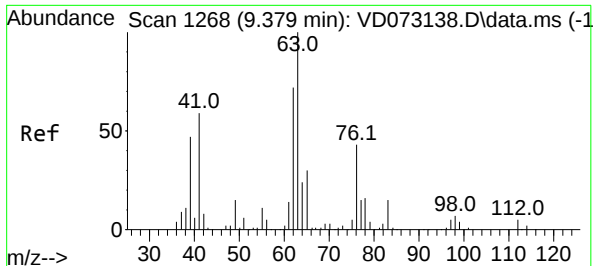
Tgt Ion: 43 Resp: 84563
Ion Ratio Lower Upper
43 100
61 31.9 22.4 33.6
87 13.1 8.7 13.1



#44
Trichloroethene
Concen: 17.662 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD073137.D
Acq: 19 May 2022 13:37

Tgt Ion:130 Resp: 89072
Ion Ratio Lower Upper
130 100
95 98.1 0.0 205.4





#45

1,2-Dichloropropane

Concen: 17.420 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. -0.000 min

Lab File: VD073137.D

Acq: 19 May 2022 13:37

Instrument :

MSVOA_D

ClientSampleId :

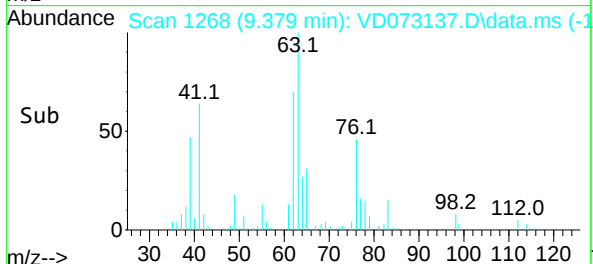
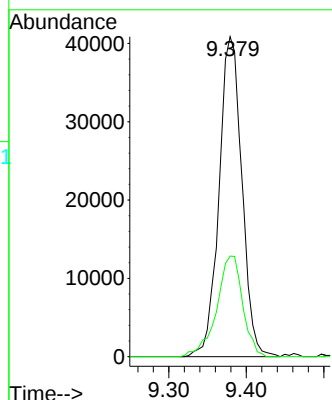
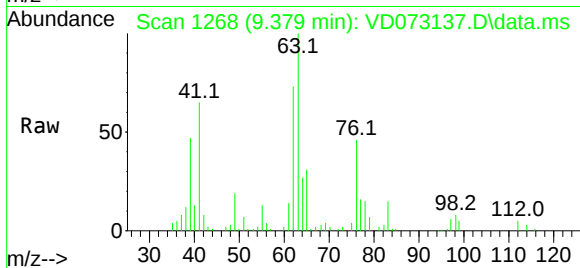
VSTDIC020

Tgt Ion: 63 Resp: 83761

Ion Ratio Lower Upper

63 100

65 31.5 26.2 39.4



#46

Dibromomethane

Concen: 17.386 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. -0.000 min

Lab File: VD073137.D

Acq: 19 May 2022 13:37

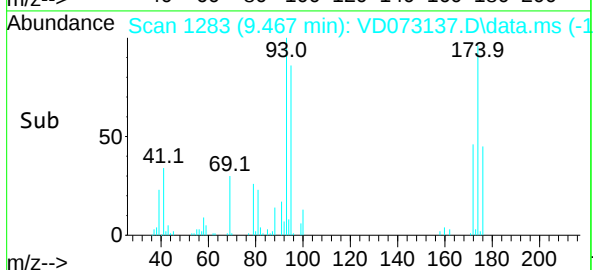
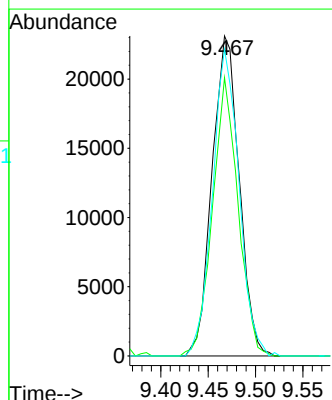
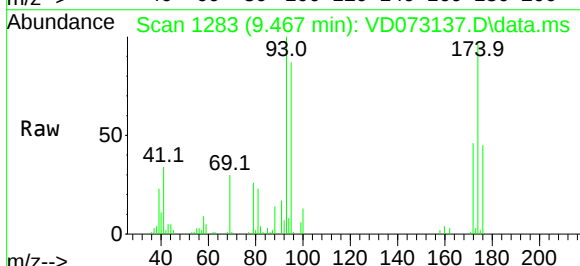
Tgt Ion: 93 Resp: 46102

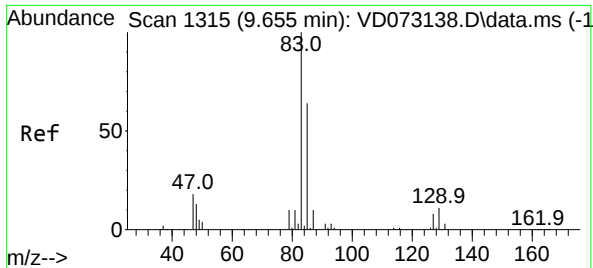
Ion Ratio Lower Upper

93 100

95 82.0 66.7 100.1

174 94.0 71.6 107.4

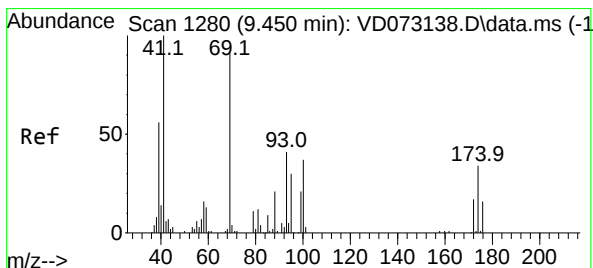
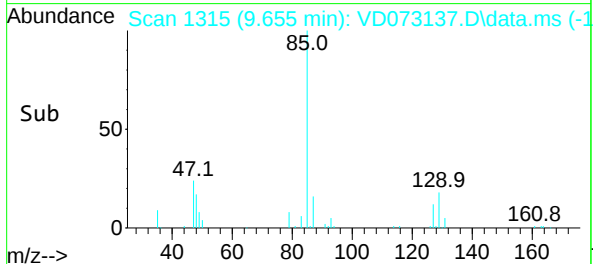
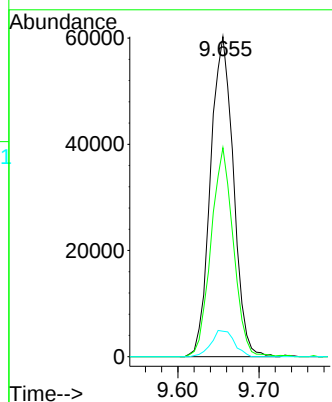
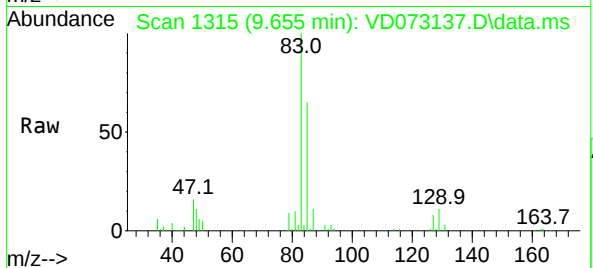




#47
Bromodichloromethane
Concen: 17.533 ug/l
RT: 9.655 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD073137.D
Acq: 19 May 2022 13:37

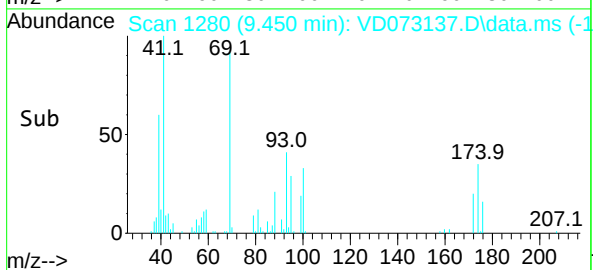
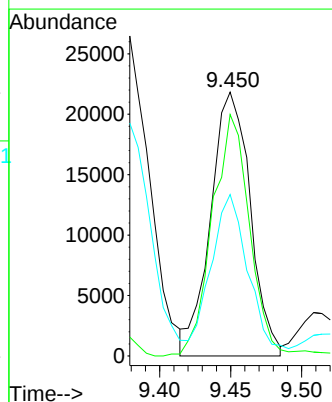
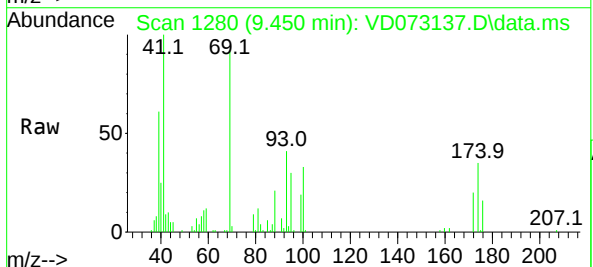
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

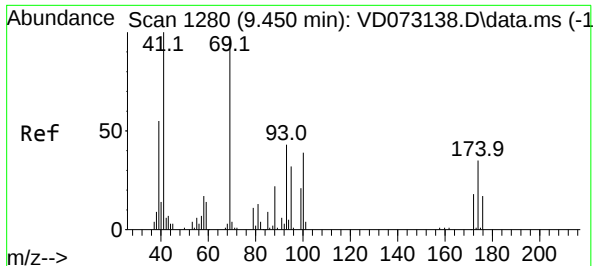
Tgt Ion: 83 Resp: 118160
Ion Ratio Lower Upper
83 100
85 65.3 51.4 77.0
127 7.9 6.1 9.1



#48
Methyl methacrylate
Concen: 17.199 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. -0.000 min
Lab File: VD073137.D
Acq: 19 May 2022 13:37

Tgt Ion: 41 Resp: 42393
Ion Ratio Lower Upper
41 100
69 86.8 56.7 85.1#
39 57.9 42.7 64.1

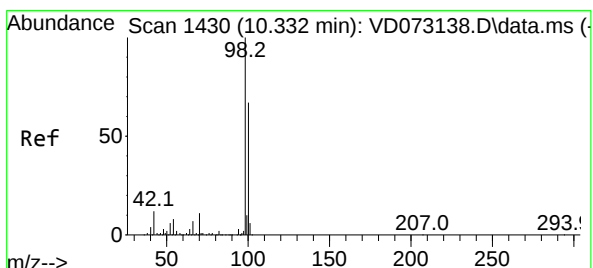
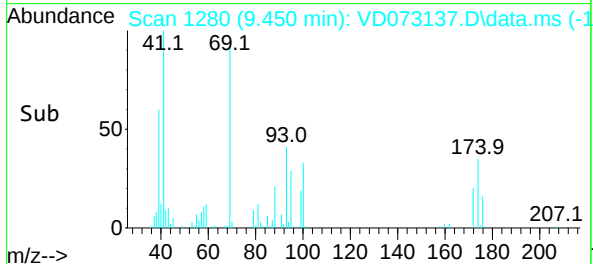
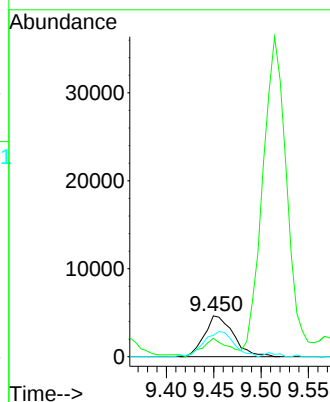
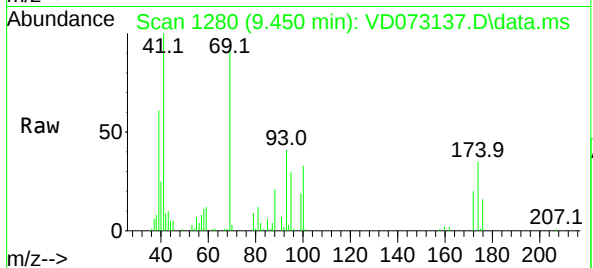




#49
1,4-Dioxane
Concen: 362.212 ug/l
RT: 9.450 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD073137.D
Acq: 19 May 2022 13:37

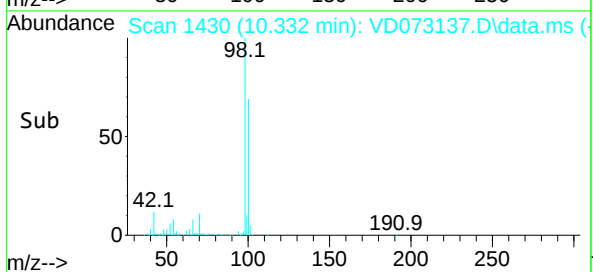
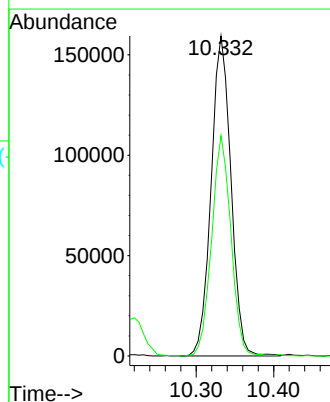
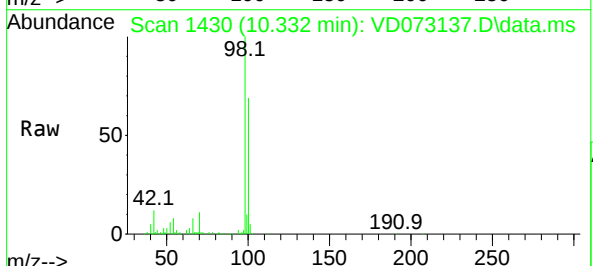
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

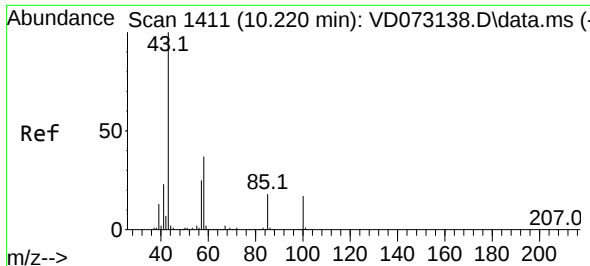
Tgt Ion: 88 Resp: 9871
Ion Ratio Lower Upper
88 100
43 40.5 31.0 46.4
58 63.7 58.1 87.1



#50
Toluene-d8
Concen: 19.427 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073137.D
Acq: 19 May 2022 13:37

Tgt Ion: 98 Resp: 282979
Ion Ratio Lower Upper
98 100
100 67.0 52.4 78.6

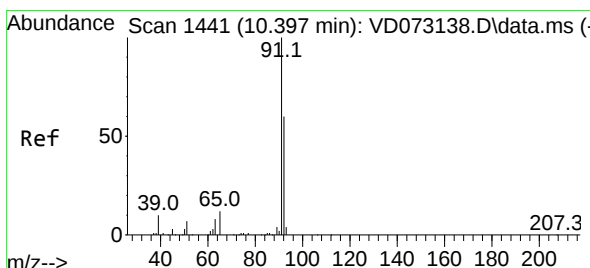
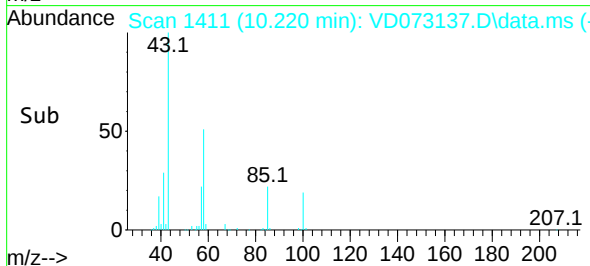
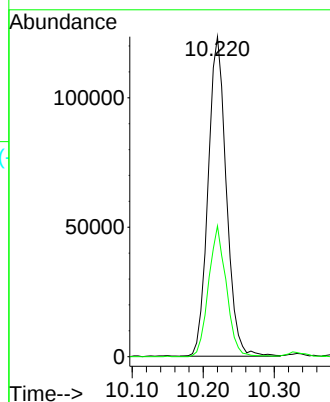
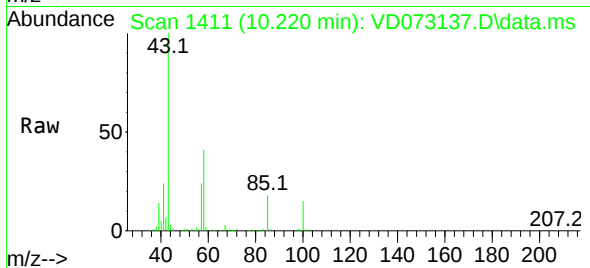




#51
4-Methyl-2-Pentanone
Concen: 84.749 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. -0.000 min
Lab File: VD073137.D
Acq: 19 May 2022 13:37

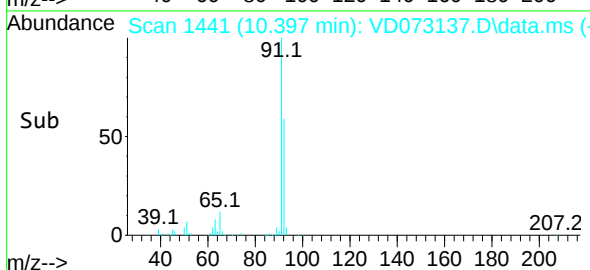
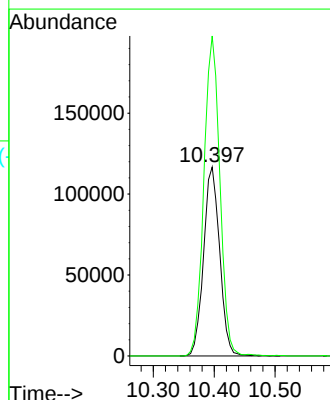
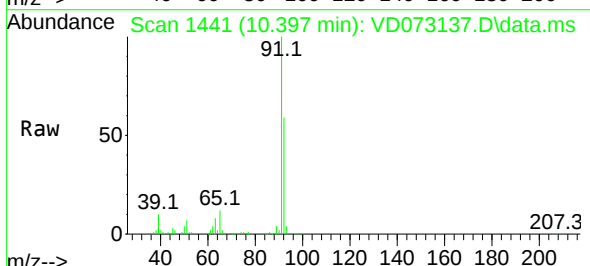
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

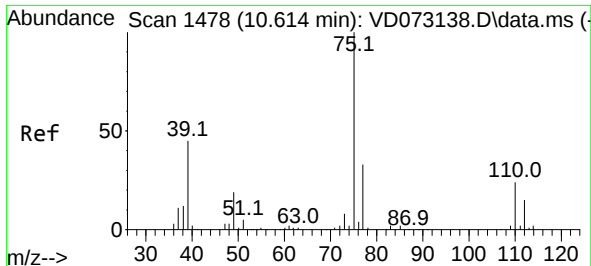
Tgt Ion: 43 Resp: 220322
Ion Ratio Lower Upper
43 100
58 39.9 28.6 43.0



#52
Toluene
Concen: 18.125 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VD073137.D
Acq: 19 May 2022 13:37

Tgt Ion: 92 Resp: 214048
Ion Ratio Lower Upper
92 100
91 168.1 139.6 209.4

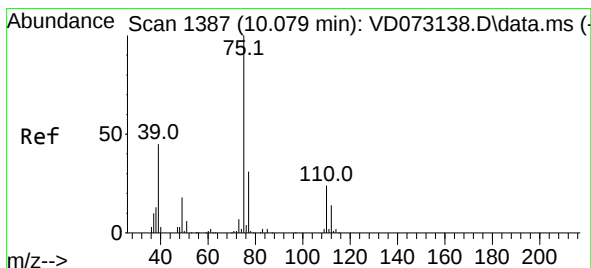
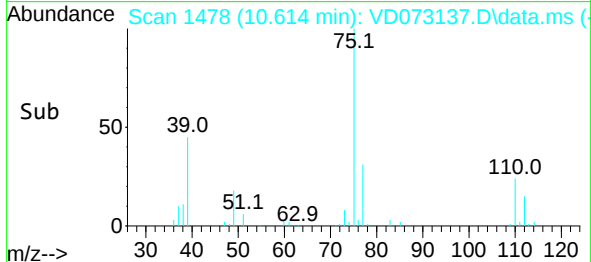
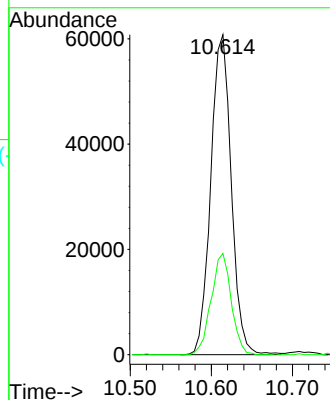
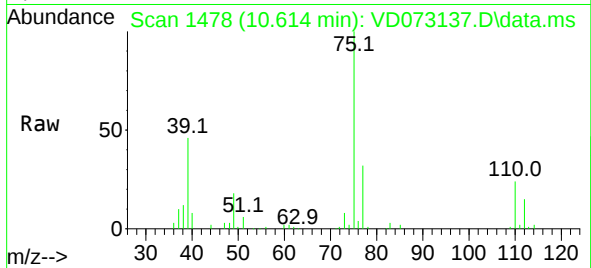




#53
t-1,3-Dichloropropene
Concen: 17.421 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VD073137.D
Acq: 19 May 2022 13:37

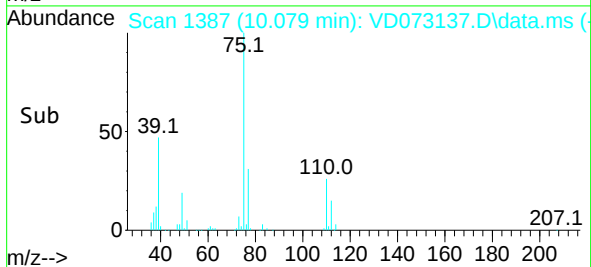
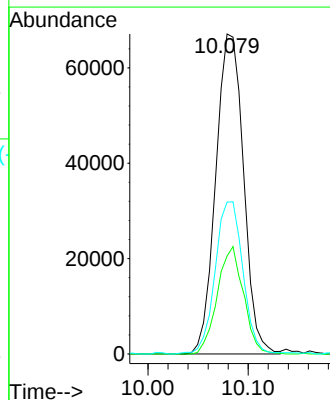
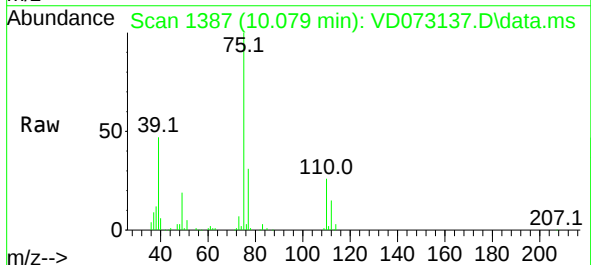
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

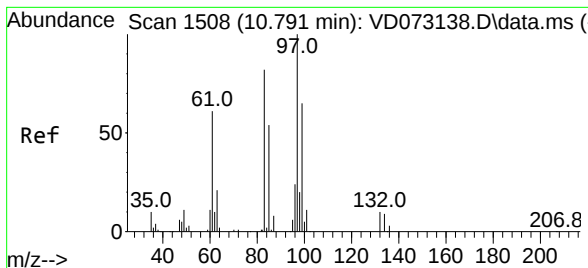
Tgt Ion: 75 Resp: 106611
Ion Ratio Lower Upper
75 100
77 31.6 24.5 36.7



#54
cis-1,3-Dichloropropene
Concen: 17.798 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VD073137.D
Acq: 19 May 2022 13:37

Tgt Ion: 75 Resp: 129071
Ion Ratio Lower Upper
75 100
77 30.6 24.8 37.2
39 47.2 46.8 70.2





#55

1,1,2-Trichloroethane

Concen: 17.323 ug/l

RT: 10.791 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD073137.D

Acq: 19 May 2022 13:37

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

Tgt Ion: 97 Resp: 62547

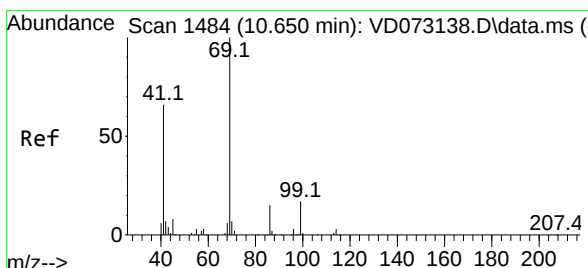
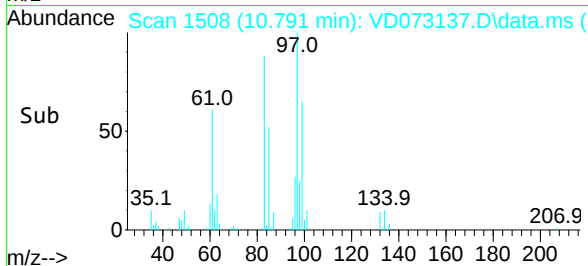
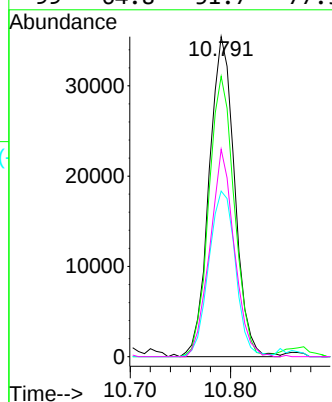
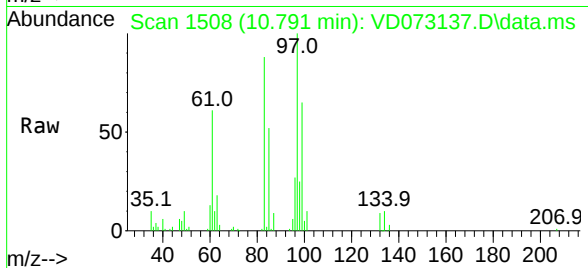
Ion Ratio Lower Upper

97 100

83 87.6 69.0 103.4

85 51.8 42.6 63.8

99 64.8 51.7 77.5



#56

Ethyl methacrylate

Concen: 16.768 ug/l

RT: 10.655 min Scan# 1485

Delta R.T. 0.006 min

Lab File: VD073137.D

Acq: 19 May 2022 13:37

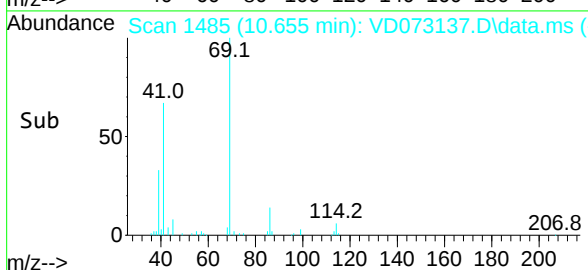
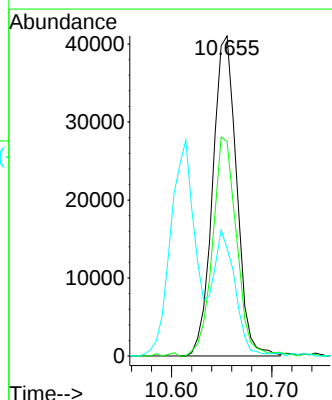
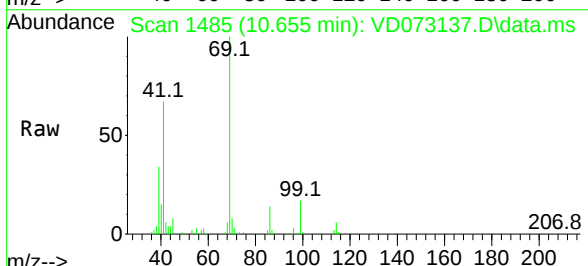
Tgt Ion: 69 Resp: 68249

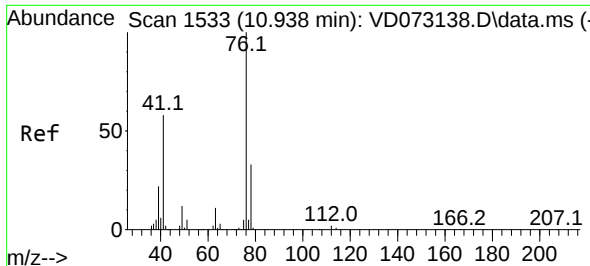
Ion Ratio Lower Upper

69 100

41 68.5 63.0 94.6

39 36.8 33.8 50.8

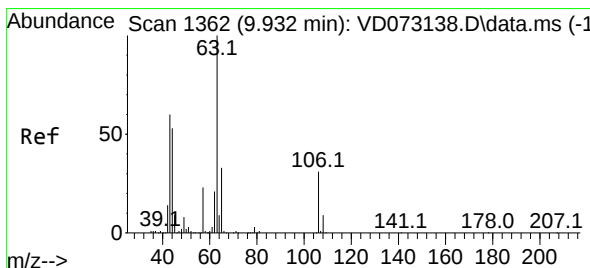
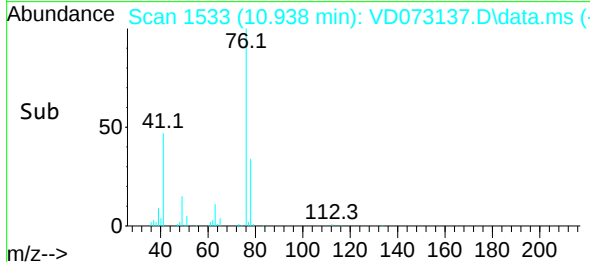
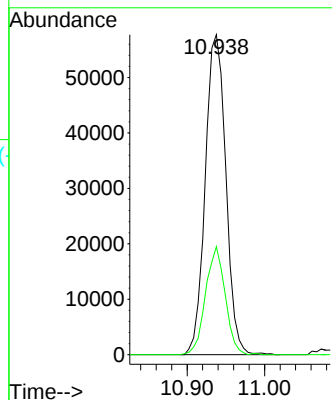
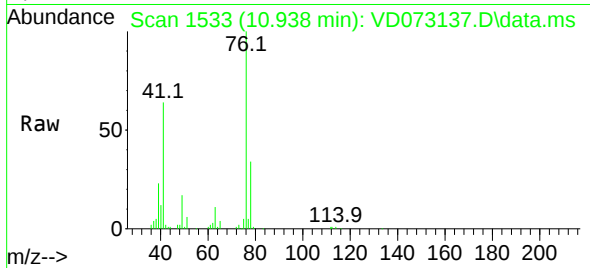




#57
1,3-Dichloropropane
Concen: 17.323 ug/l
RT: 10.938 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VD073137.D
Acq: 19 May 2022 13:37

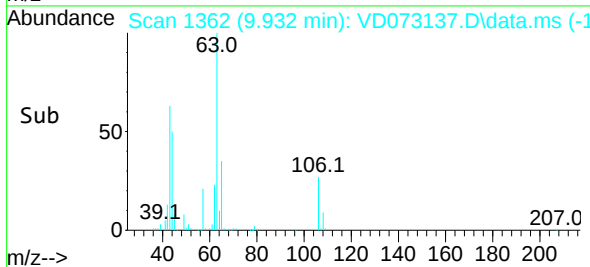
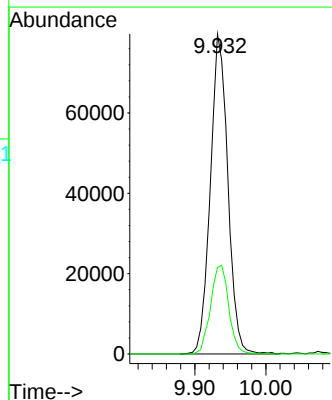
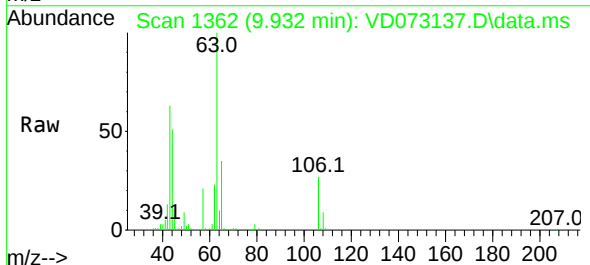
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

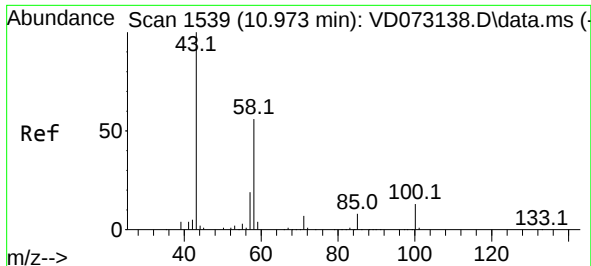
Tgt Ion: 76 Resp: 106482
Ion Ratio Lower Upper
76 100
78 32.2 26.0 39.0



#58
2-Chloroethyl Vinyl ether
Concen: 75.238 ug/l
RT: 9.932 min Scan# 1362
Delta R.T. -0.000 min
Lab File: VD073137.D
Acq: 19 May 2022 13:37

Tgt Ion: 63 Resp: 136500
Ion Ratio Lower Upper
63 100
106 28.7 21.4 32.0

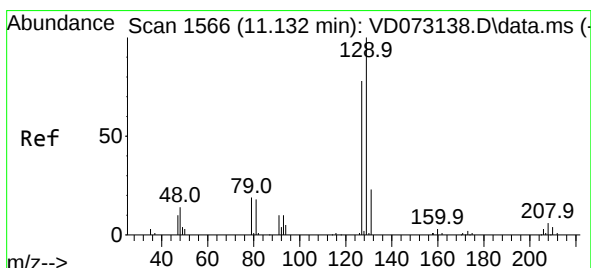
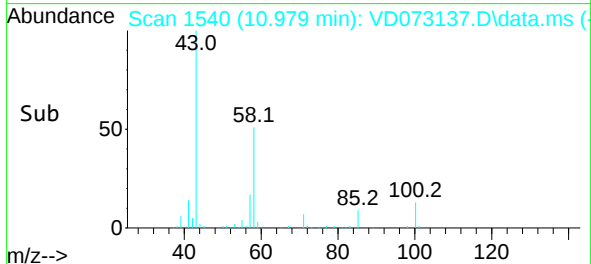
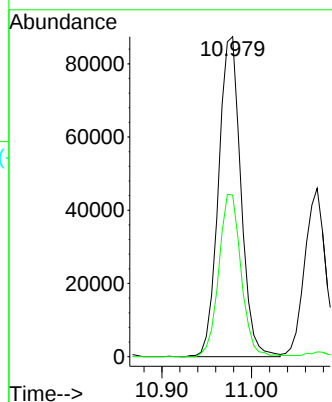
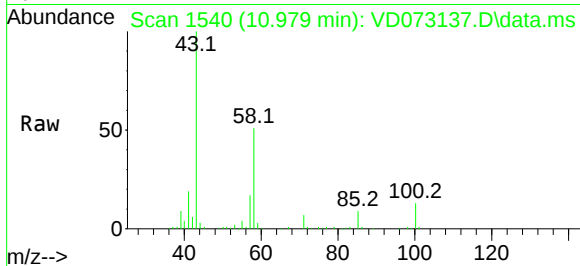




#59
2-Hexanone
Concen: 88.211 ug/l
RT: 10.979 min Scan# 1539
Delta R.T. 0.006 min
Lab File: VD073137.D
Acq: 19 May 2022 13:37

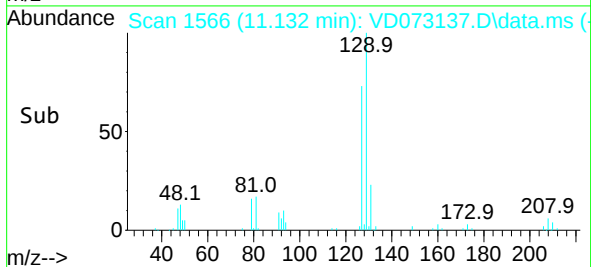
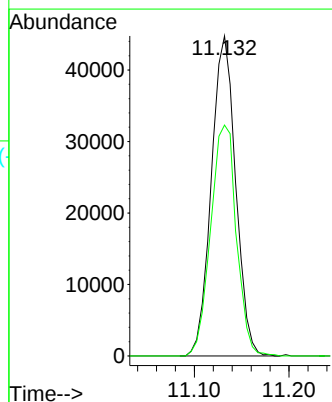
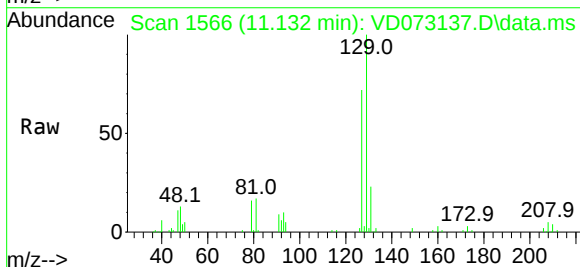
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

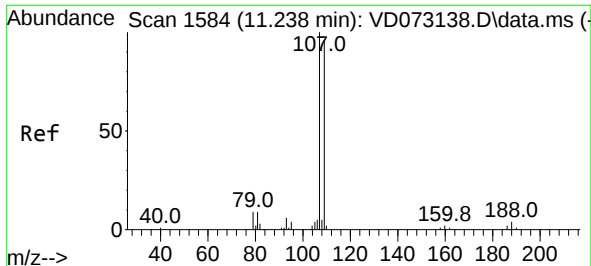
Tgt Ion: 43 Resp: 151413
Ion Ratio Lower Upper
43 100
58 50.7 25.3 75.9



#60
Dibromochloromethane
Concen: 17.757 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD073137.D
Acq: 19 May 2022 13:37

Tgt Ion: 129 Resp: 79717
Ion Ratio Lower Upper
129 100
127 76.5 39.2 117.6

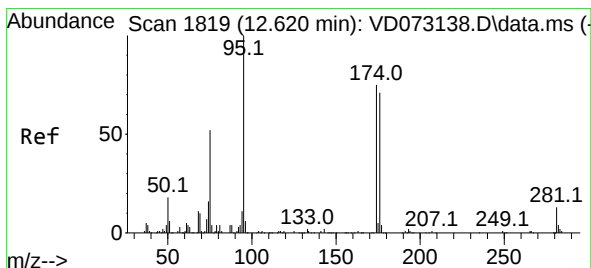
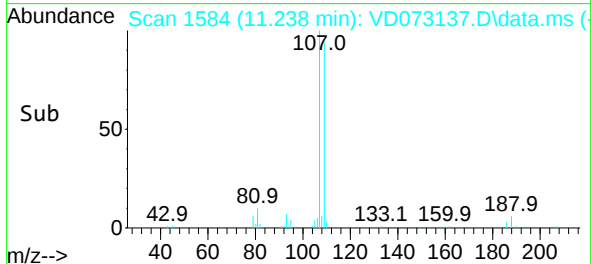
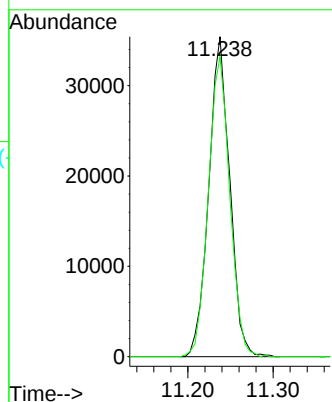
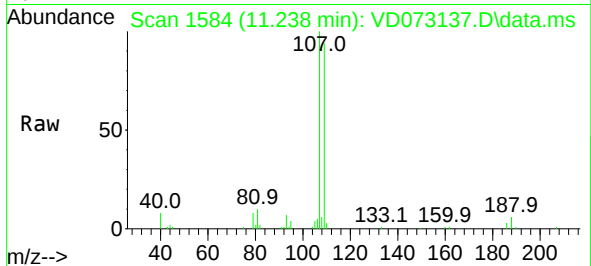




#61
1,2-Dibromoethane
Concen: 17.426 ug/l
RT: 11.238 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD073137.D
Acq: 19 May 2022 13:37

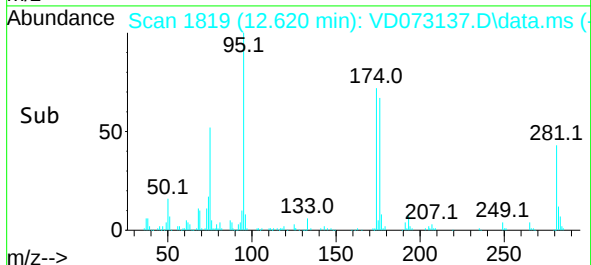
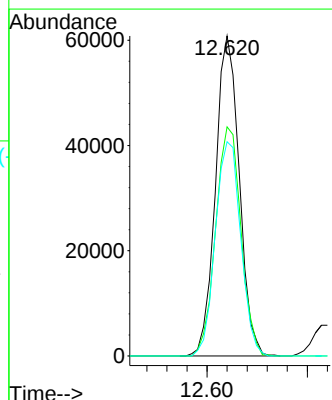
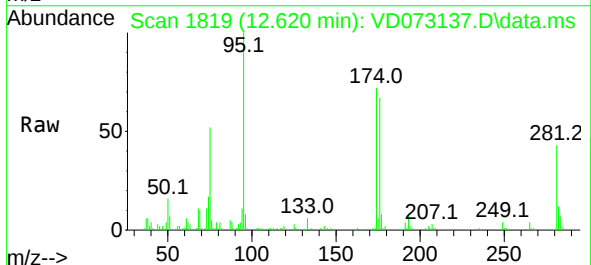
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

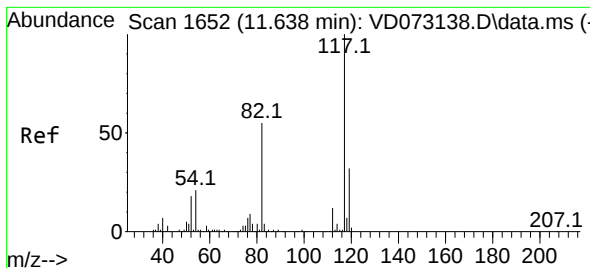
Tgt Ion:107 Resp: 60575
Ion Ratio Lower Upper
107 100
109 95.8 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 19.096 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073137.D
Acq: 19 May 2022 13:37

Tgt Ion: 95 Resp: 99956
Ion Ratio Lower Upper
95 100
174 76.0 0.0 152.8
176 71.4 0.0 145.4

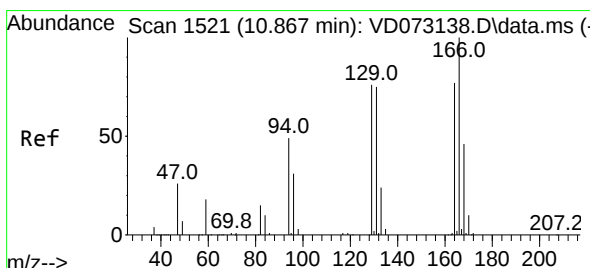
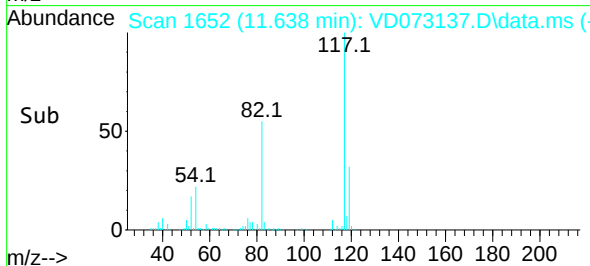
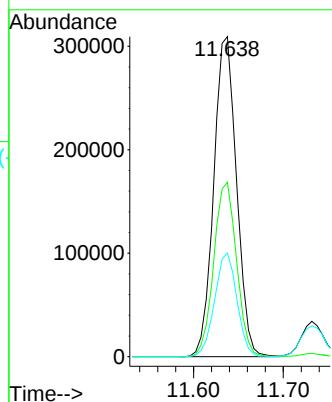
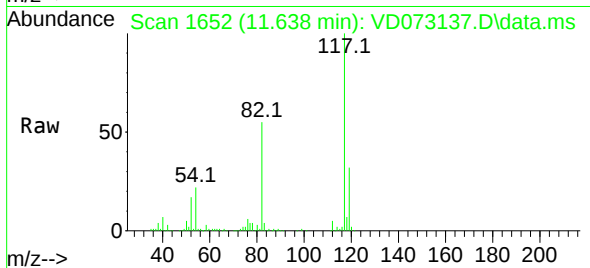




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 11652
Delta R.T. -0.000 min
Lab File: VD073137.D
Acq: 19 May 2022 13:37

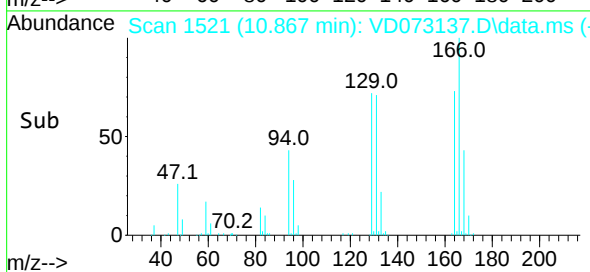
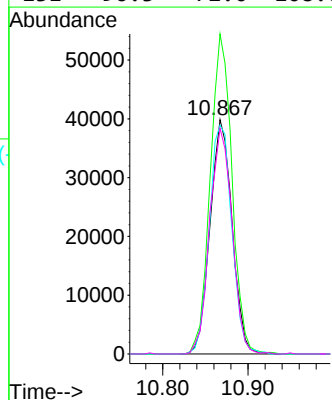
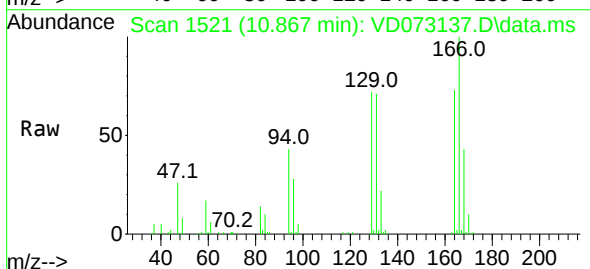
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

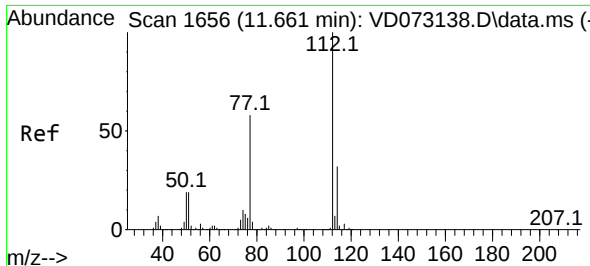
Tgt Ion:117 Resp: 544871
Ion Ratio Lower Upper
117 100
82 54.5 45.3 67.9
119 32.4 26.6 40.0



#64
Tetrachloroethene
Concen: 18.118 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. -0.000 min
Lab File: VD073137.D
Acq: 19 May 2022 13:37

Tgt Ion:164 Resp: 71464
Ion Ratio Lower Upper
164 100
166 136.6 98.5 147.7
129 97.7 74.6 111.8
131 96.3 72.0 108.0

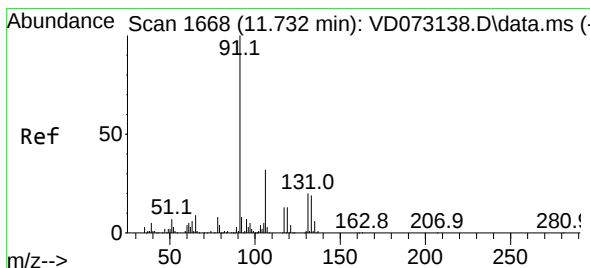
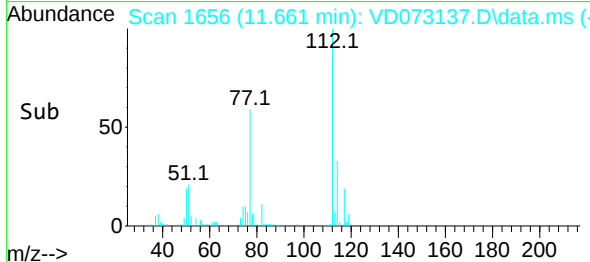
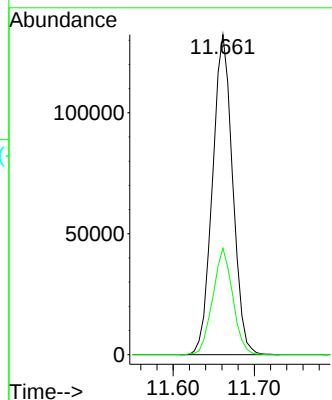
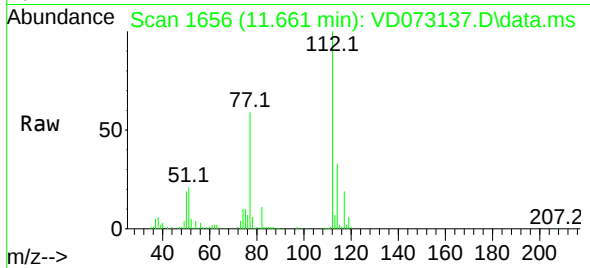




#65
Chlorobenzene
Concen: 18.684 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. -0.000 min
Lab File: VD073137.D
Acq: 19 May 2022 13:37

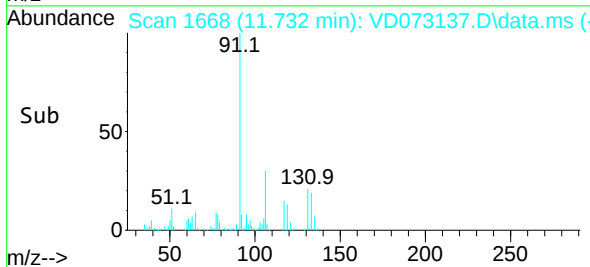
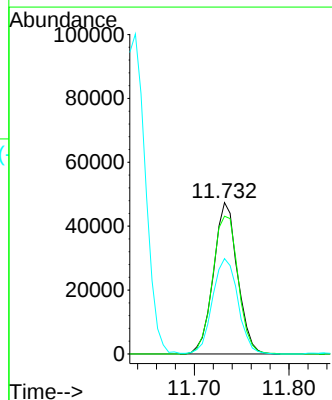
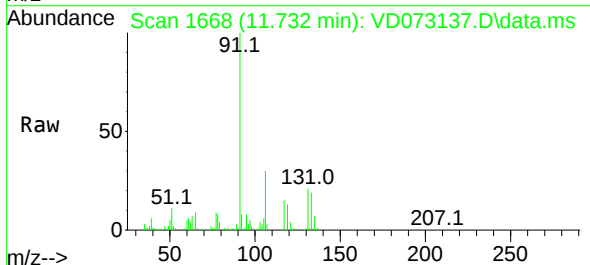
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

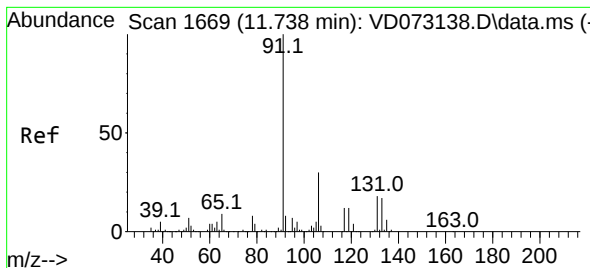
Tgt Ion:112 Resp: 227832
Ion Ratio Lower Upper
112 100
114 33.3 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 17.914 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VD073137.D
Acq: 19 May 2022 13:37

Tgt Ion:131 Resp: 83468
Ion Ratio Lower Upper
131 100
133 96.8 48.1 144.3
119 66.8 31.9 95.9





#67

Ethyl Benzene

Concen: 18.575 ug/l

RT: 11.732 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD073137.D

Acq: 19 May 2022 13:37

Instrument :

MSVOA_D

ClientSampleId :

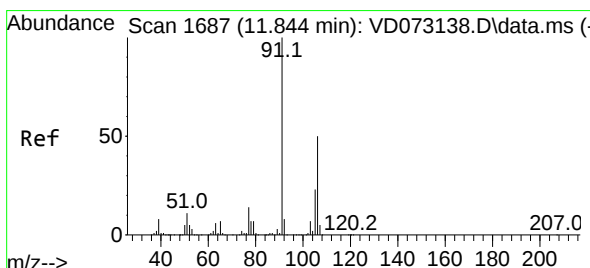
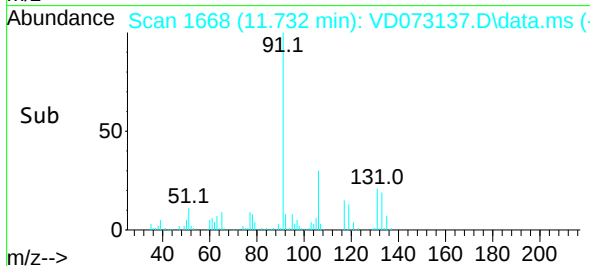
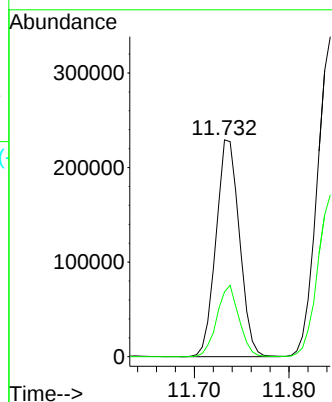
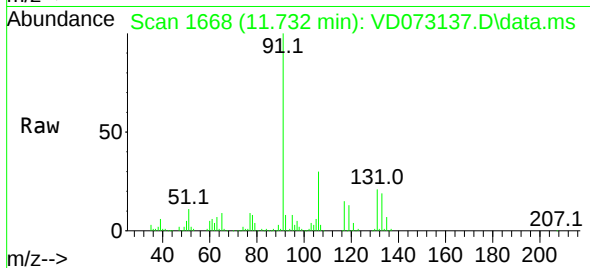
VSTDIC020

Tgt Ion: 91 Resp: 395092

Ion Ratio Lower Upper

91 100

106 29.9 24.2 36.4



#68

m/p-Xylenes

Concen: 38.602 ug/l

RT: 11.844 min Scan# 1687

Delta R.T. -0.000 min

Lab File: VD073137.D

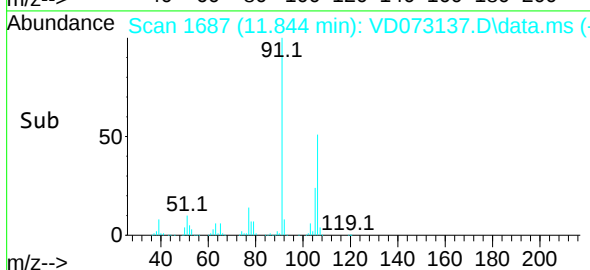
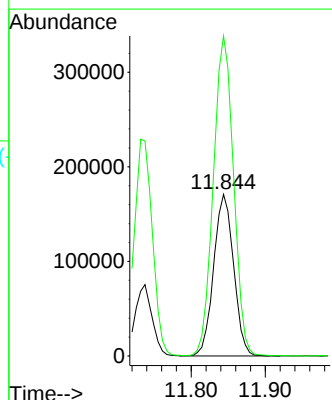
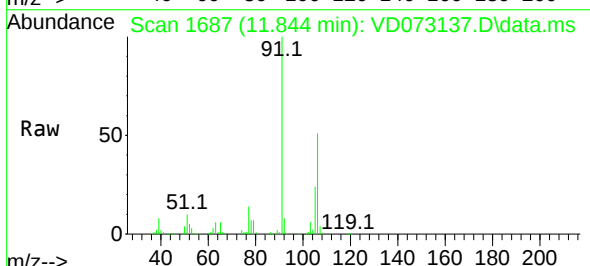
Acq: 19 May 2022 13:37

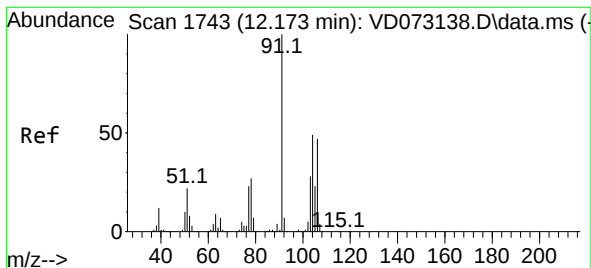
Tgt Ion: 106 Resp: 319296

Ion Ratio Lower Upper

106 100

91 200.5 163.7 245.5





#69

o-Xylene

Concen: 18.761 ug/l

RT: 12.173 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VD073137.D

Acq: 19 May 2022 13:37

Instrument :

MSVOA_D

ClientSampleId :

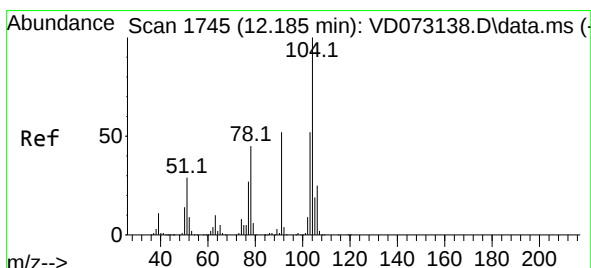
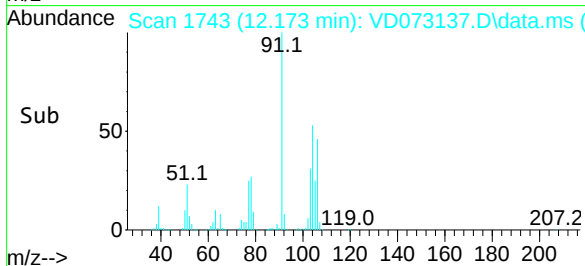
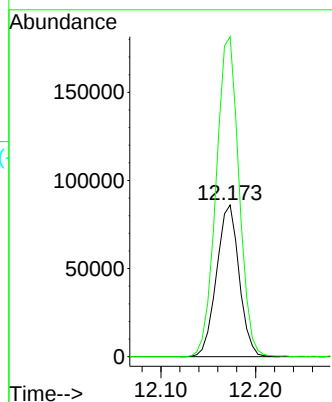
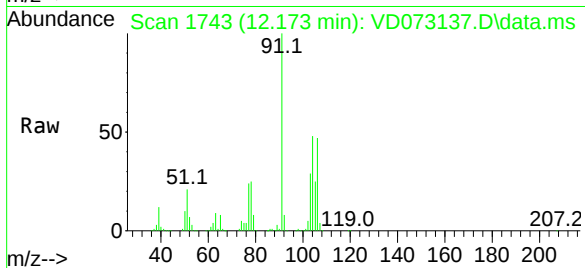
VSTDICC020

Tgt Ion:106 Resp: 142474

Ion Ratio Lower Upper

106 100

91 214.4 110.4 331.2



#70

Styrene

Concen: 18.990 ug/l

RT: 12.185 min Scan# 1745

Delta R.T. -0.000 min

Lab File: VD073137.D

Acq: 19 May 2022 13:37

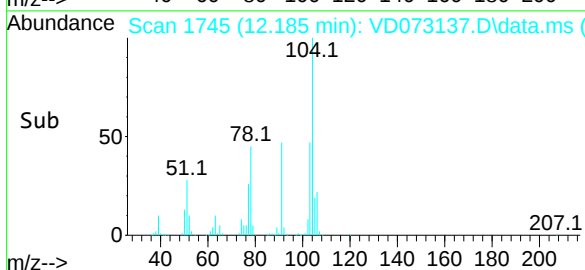
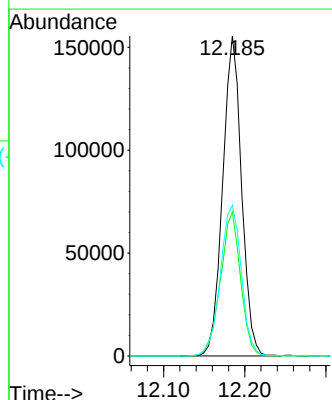
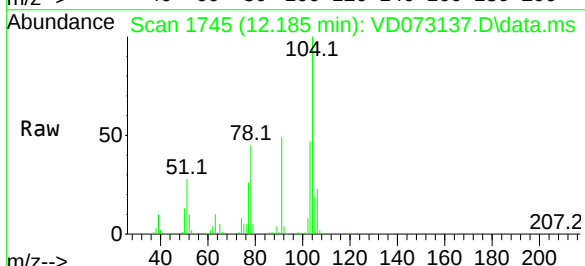
Tgt Ion:104 Resp: 251059

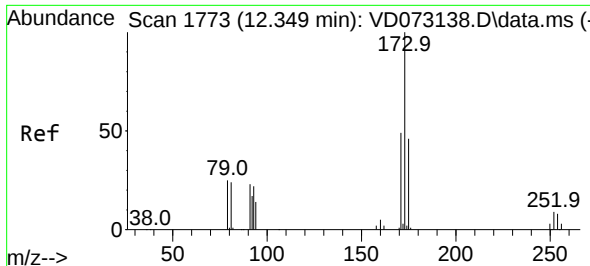
Ion Ratio Lower Upper

104 100

78 48.0 41.8 62.8

103 52.5 44.2 66.4

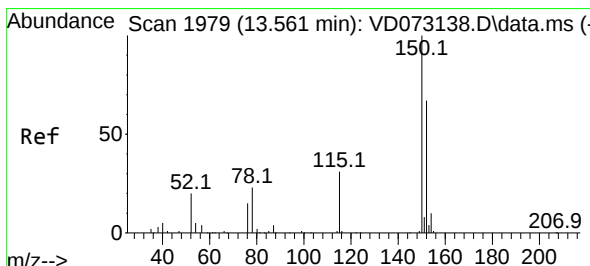
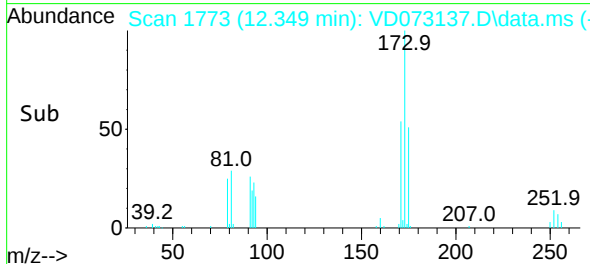
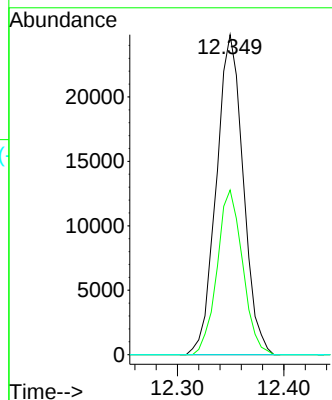
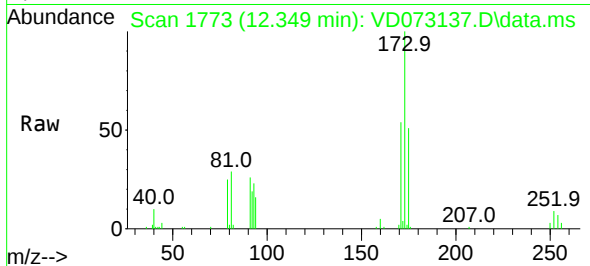




#71
Bromoform
Concen: 17.951 ug/l
RT: 12.349 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VD073137.D
Acq: 19 May 2022 13:37

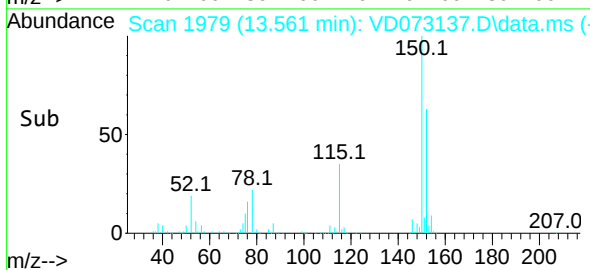
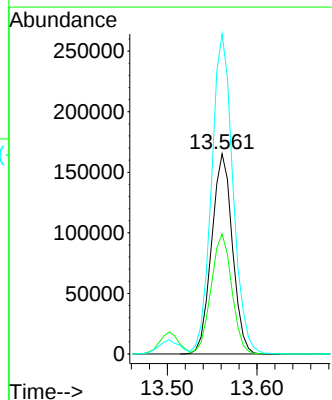
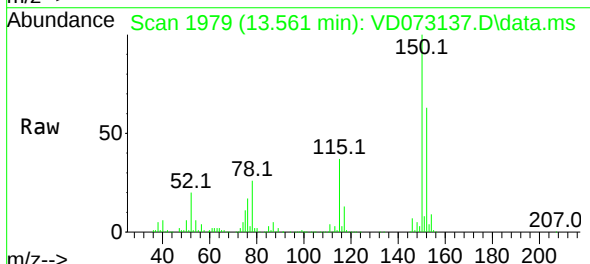
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

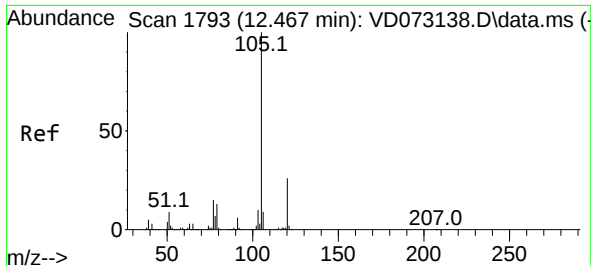
Tgt Ion:173 Resp: 43461
Ion Ratio Lower Upper
173 100
175 48.9 23.9 71.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD073137.D
Acq: 19 May 2022 13:37

Tgt Ion:152 Resp: 265516
Ion Ratio Lower Upper
152 100
115 59.9 31.3 93.8
150 164.7 0.0 348.6

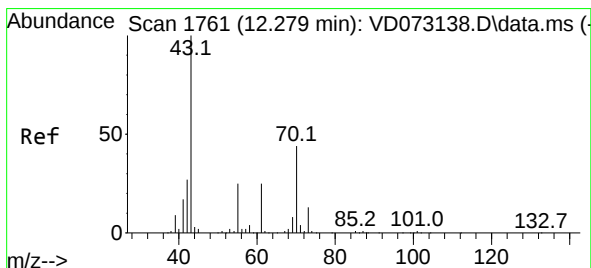
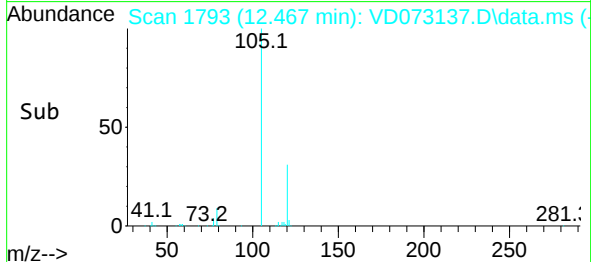
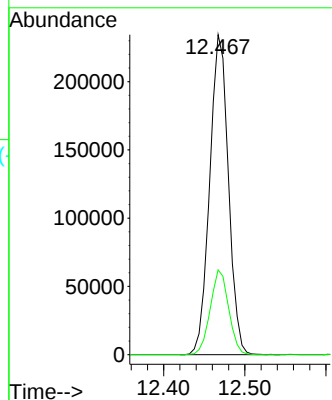
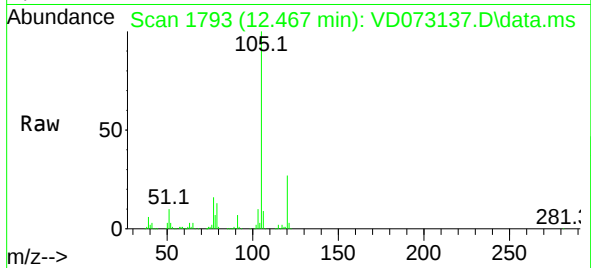




#73
Isopropylbenzene
Concen: 18.688 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD073137.D
Acq: 19 May 2022 13:37

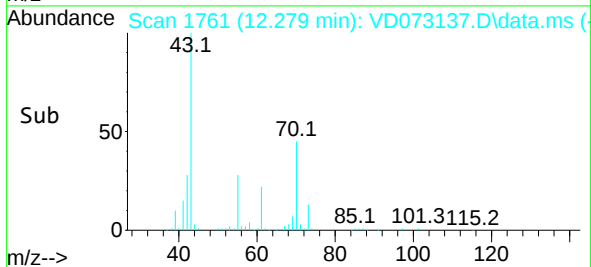
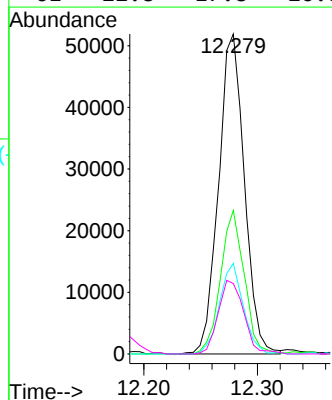
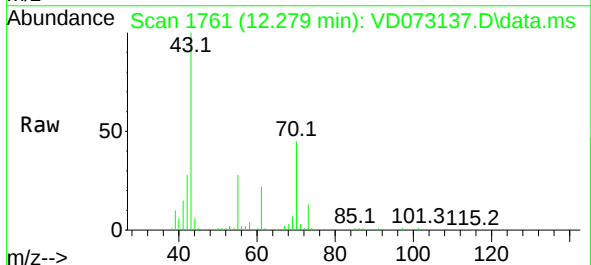
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

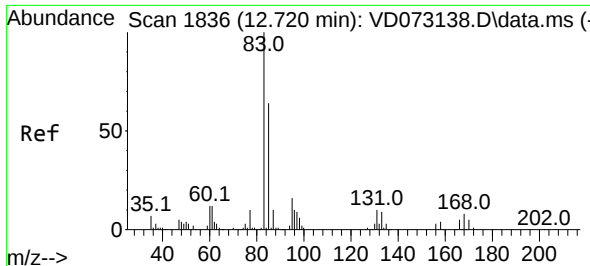
Tgt Ion:105 Resp: 374725
Ion Ratio Lower Upper
105 100
120 26.1 13.0 38.9



#74
N-ethyl acetate
Concen: 17.888 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD073137.D
Acq: 19 May 2022 13:37

Tgt Ion: 43 Resp: 82009
Ion Ratio Lower Upper
43 100
70 41.0 31.3 46.9
55 26.2 20.0 30.0
61 22.8 17.8 26.8

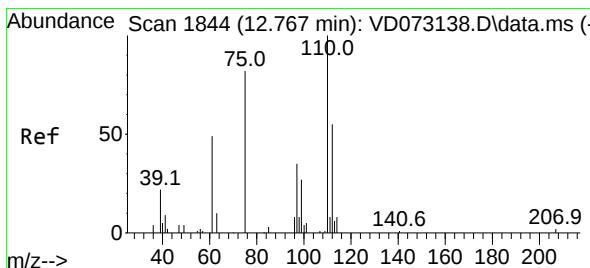
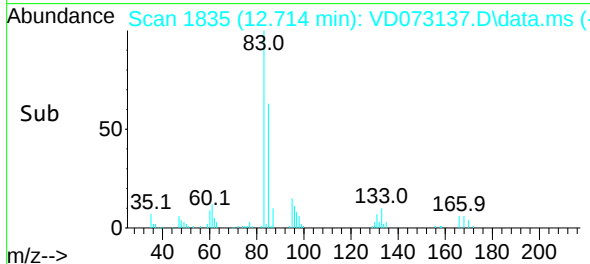
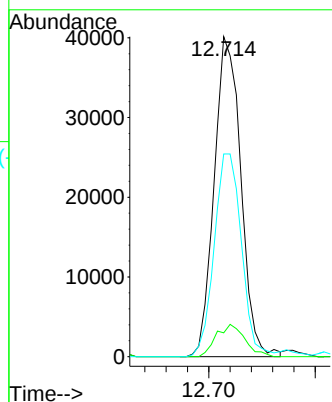
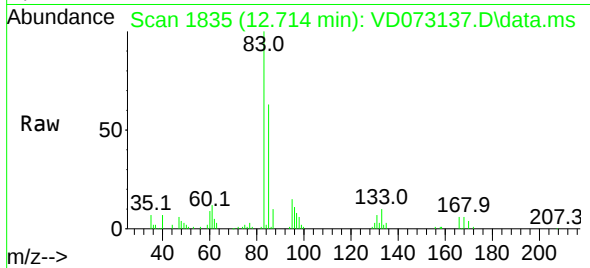




#75
1,1,2,2-Tetrachloroethane
Concen: 17.952 ug/l
RT: 12.714 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VD073137.D
Acq: 19 May 2022 13:37

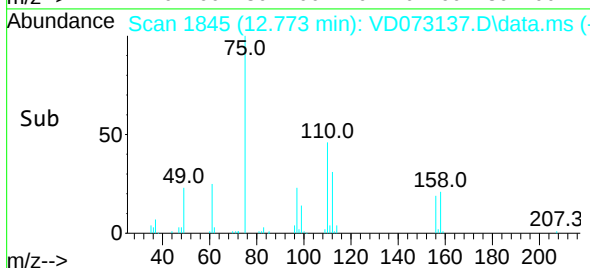
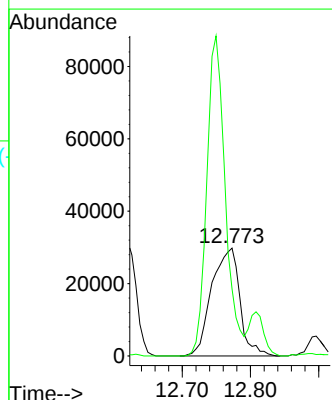
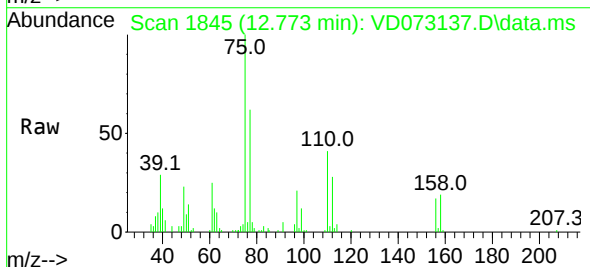
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

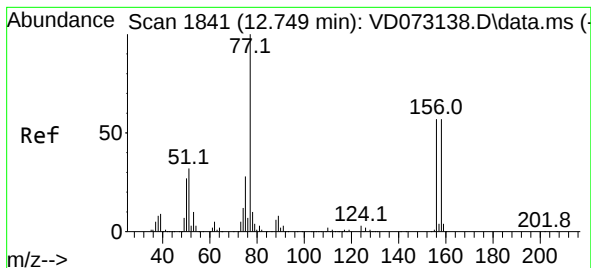
Tgt Ion: 83 Resp: 69636
Ion Ratio Lower Upper
83 100
131 10.9 5.0 14.9
85 64.8 32.6 98.0



#76
1,2,3-Trichloropropane
Concen: 29.113 ug/l
RT: 12.773 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VD073137.D
Acq: 19 May 2022 13:37

Tgt Ion: 75 Resp: 85616
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 18.650 ug/l

RT: 12.749 min Scan# 1841

Delta R.T. -0.000 min

Lab File: VD073137.D

Acq: 19 May 2022 13:37

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

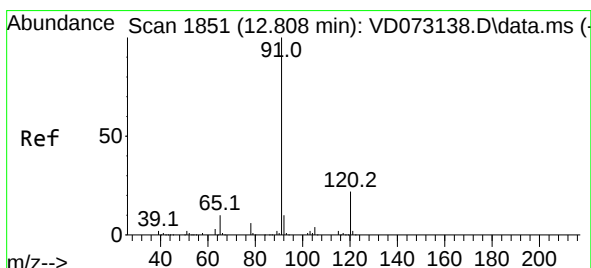
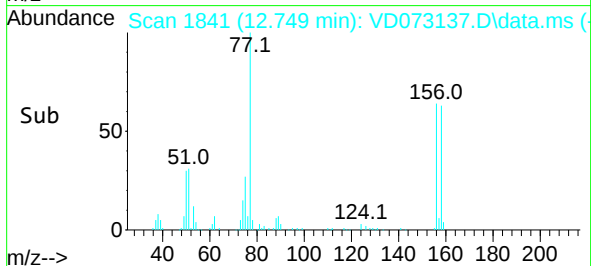
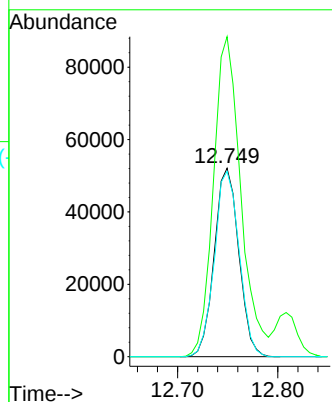
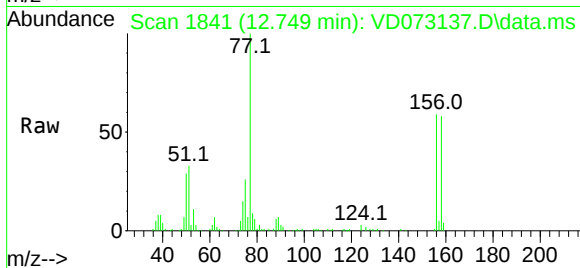
Tgt Ion:156 Resp: 88372

Ion Ratio Lower Upper

156 100

77 189.7 102.8 308.3

158 99.6 48.7 146.1



#78

n-propylbenzene

Concen: 19.189 ug/l

RT: 12.808 min Scan# 1851

Delta R.T. -0.000 min

Lab File: VD073137.D

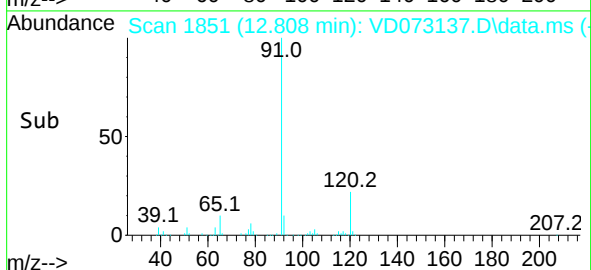
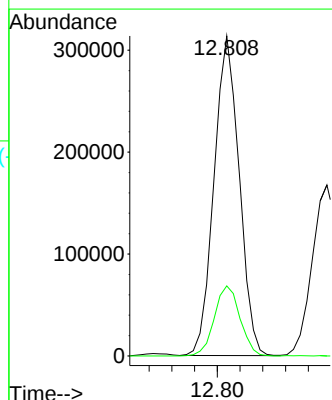
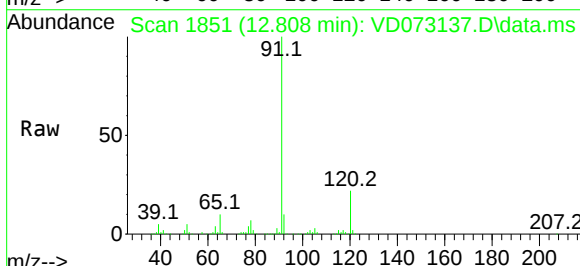
Acq: 19 May 2022 13:37

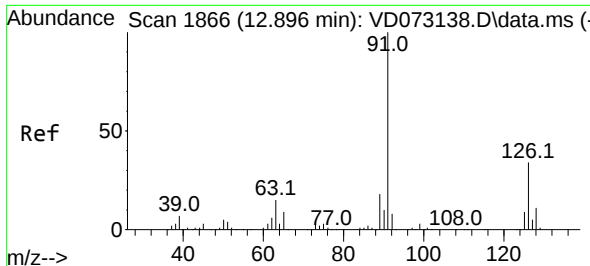
Tgt Ion: 91 Resp: 482497

Ion Ratio Lower Upper

91 100

120 22.3 10.9 32.9

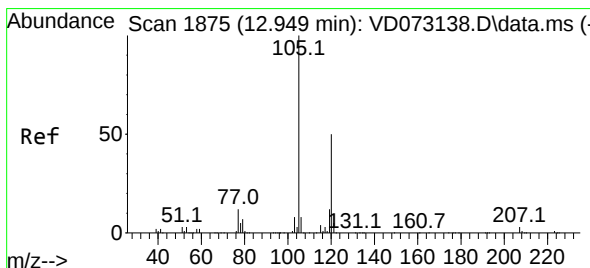
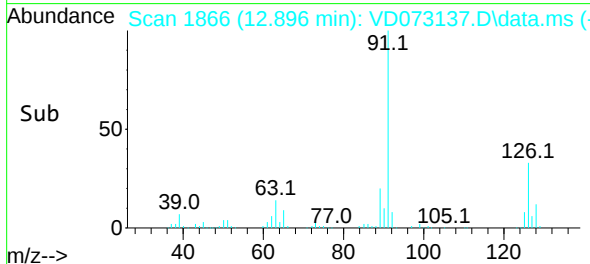
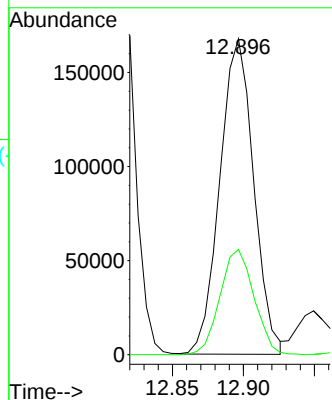
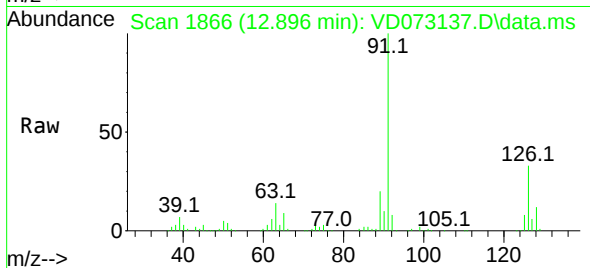




#79
2-Chlorotoluene
Concen: 19.017 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VD073137.D
Acq: 19 May 2022 13:37

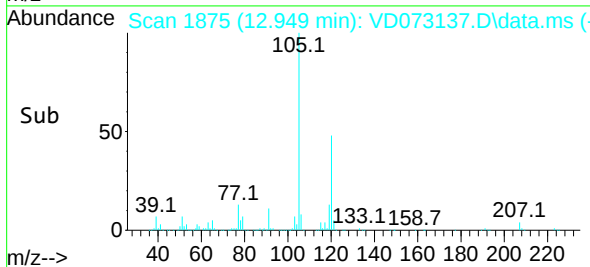
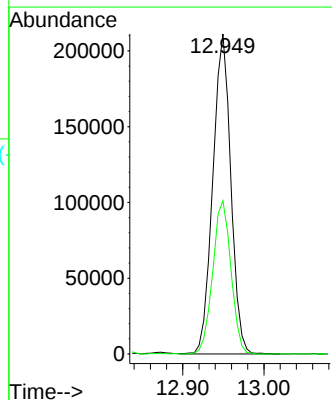
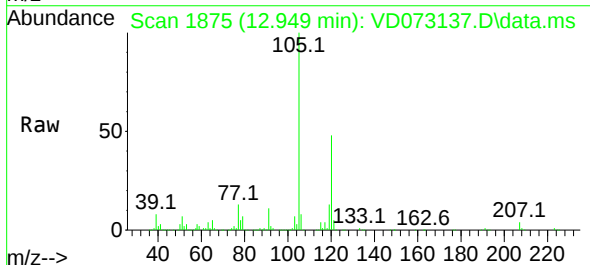
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

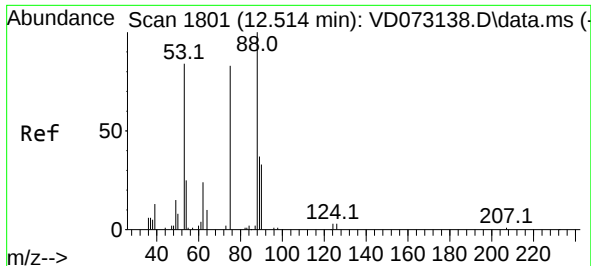
Tgt Ion: 91 Resp: 277534
Ion Ratio Lower Upper
91 100
126 33.5 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 19.096 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VD073137.D
Acq: 19 May 2022 13:37

Tgt Ion: 105 Resp: 325373
Ion Ratio Lower Upper
105 100
120 48.4 24.3 72.8

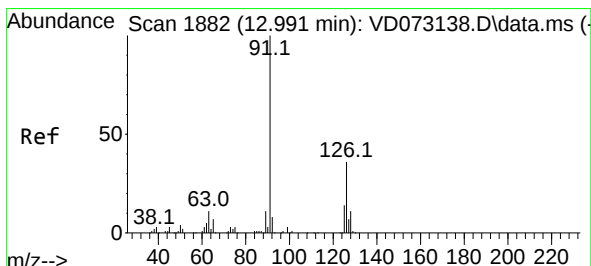
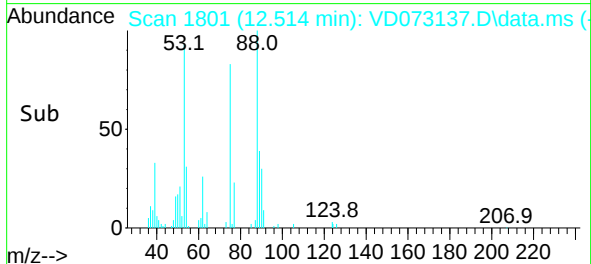
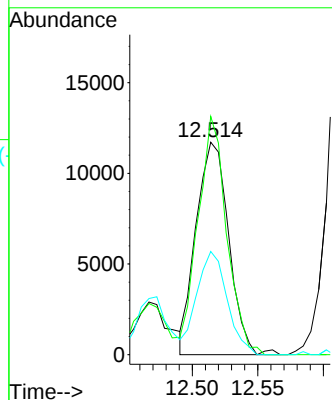
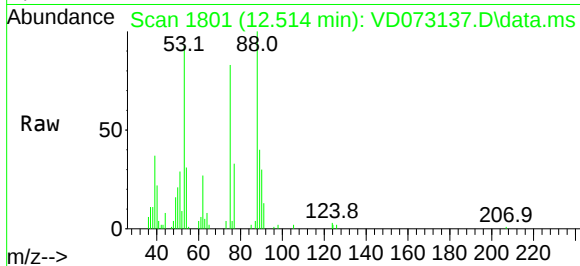




#81
trans-1,4-Dichloro-2-butene
Concen: 16.615 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. -0.000 min
Lab File: VD073137.D
Acq: 19 May 2022 13:37

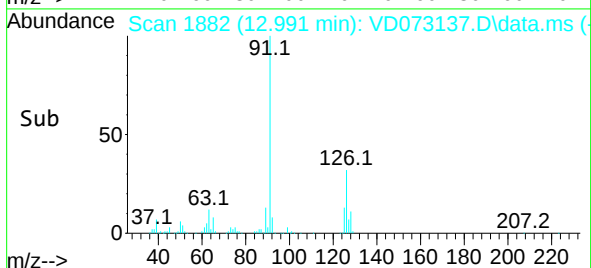
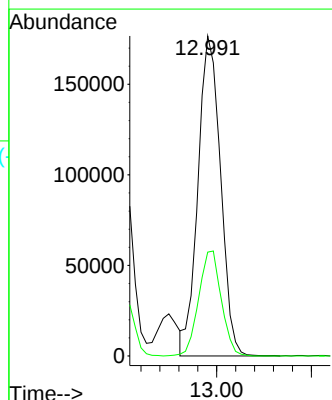
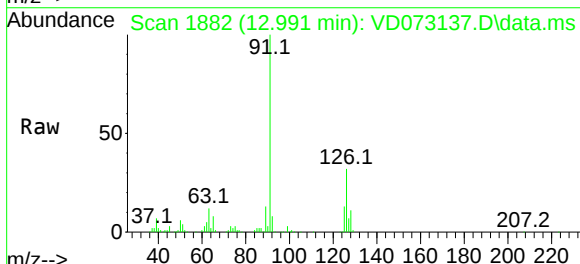
Instrument :
MSVOA_D
ClientSampleId :
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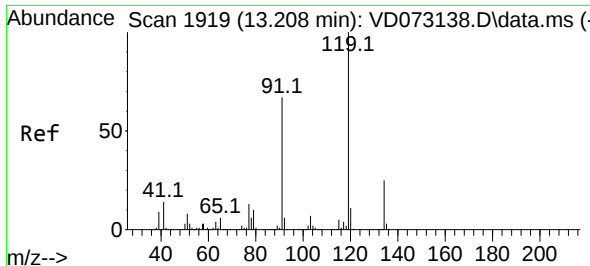
Tgt Ion: 75 Resp: 20317
Ion Ratio Lower Upper
75 100
53 100.2 86.5 129.7
89 45.3 33.9 50.9



#82
4-Chlorotoluene
Concen: 18.865 ug/l
RT: 12.991 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VD073137.D
Acq: 19 May 2022 13:37

Tgt Ion: 91 Resp: 291681
Ion Ratio Lower Upper
91 100
126 33.0 16.5 49.5

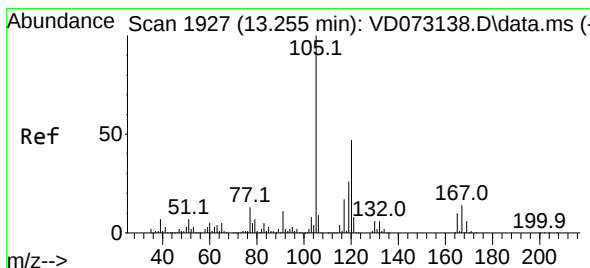
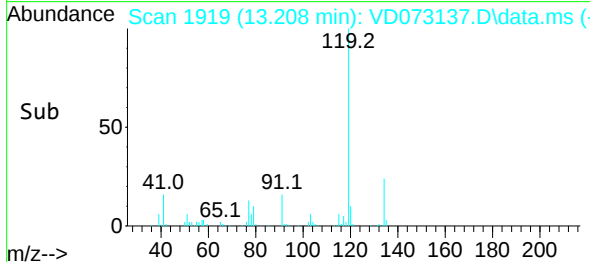
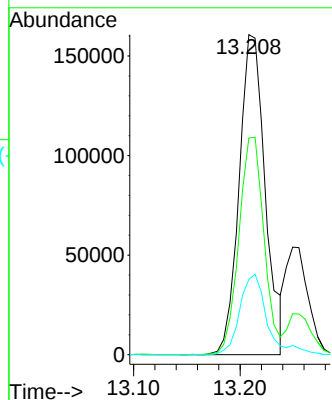
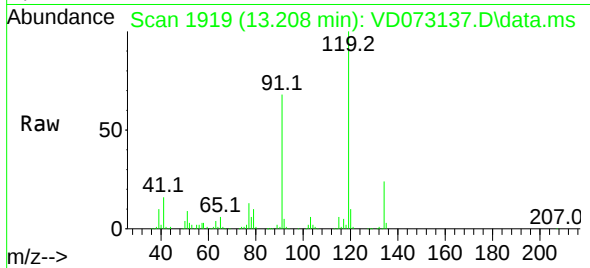




#83
 tert-Butylbenzene
 Concen: 18.984 ug/l
 RT: 13.208 min Scan# 1919
 Delta R.T. -0.000 min
 Lab File: VD073137.D
 Acq: 19 May 2022 13:37

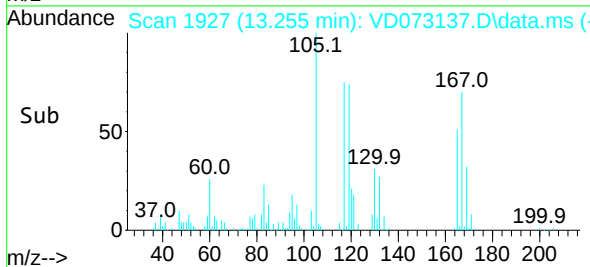
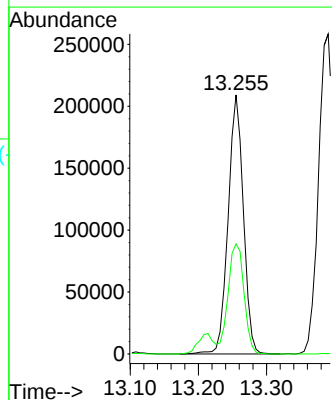
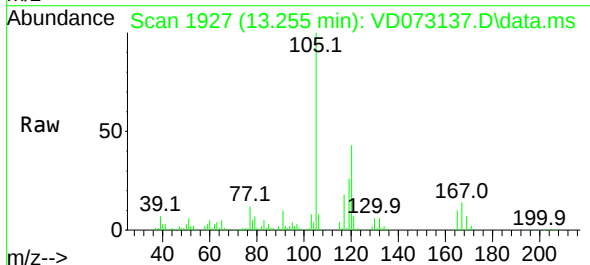
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

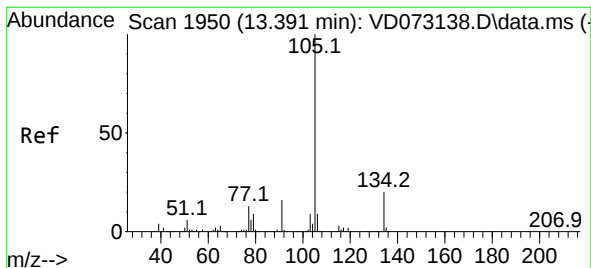
Tgt Ion:119 Resp: 274088
 Ion Ratio Lower Upper
 119 100
 91 65.5 34.8 104.5
 134 26.3 13.3 39.9



#84
 1,2,4-Trimethylbenzene
 Concen: 19.225 ug/l
 RT: 13.255 min Scan# 1927
 Delta R.T. -0.000 min
 Lab File: VD073137.D
 Acq: 19 May 2022 13:37

Tgt Ion:105 Resp: 324600
 Ion Ratio Lower Upper
 105 100
 120 44.7 22.3 66.8





#85

sec-Butylbenzene

Concen: 18.911 ug/l

RT: 13.391 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VD073137.D

Acq: 19 May 2022 13:37

Instrument :

MSVOA_D

ClientSampleId :

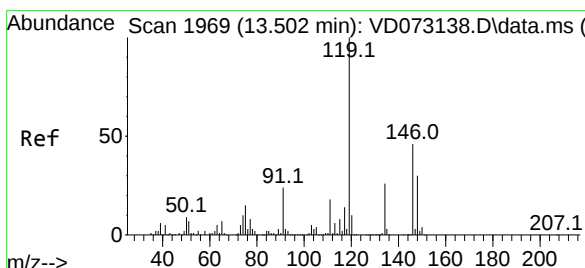
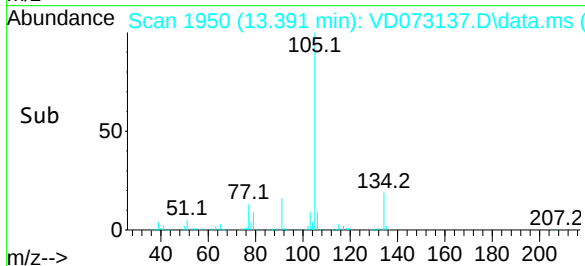
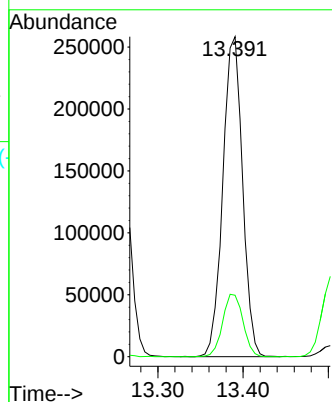
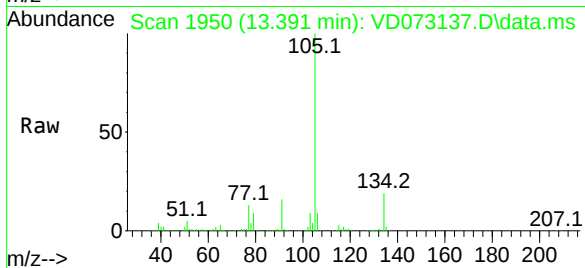
VSTDIC020

Tgt Ion:105 Resp: 414742

Ion Ratio Lower Upper

105 100

134 20.1 9.8 29.3



#86

p-Isopropyltoluene

Concen: 19.173 ug/l

RT: 13.502 min Scan# 1969

Delta R.T. -0.000 min

Lab File: VD073137.D

Acq: 19 May 2022 13:37

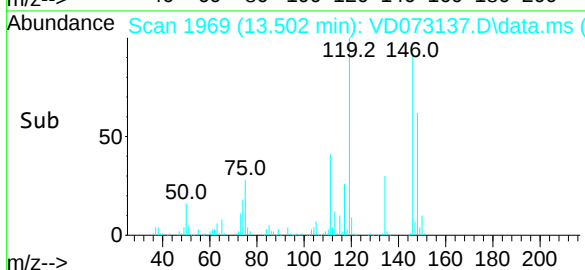
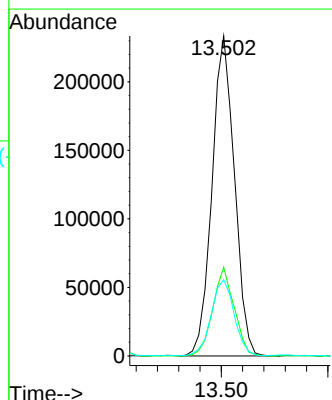
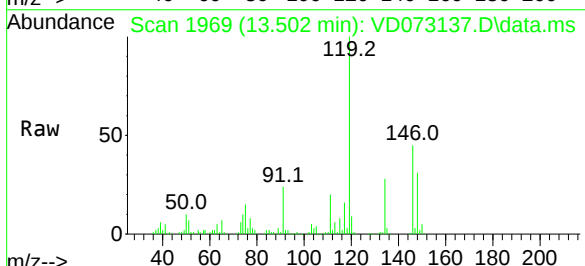
Tgt Ion:119 Resp: 341549

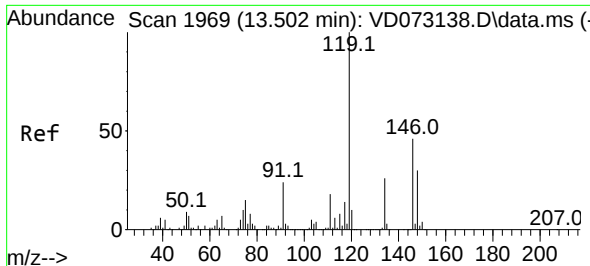
Ion Ratio Lower Upper

119 100

134 26.4 12.9 38.6

91 24.2 12.1 36.3

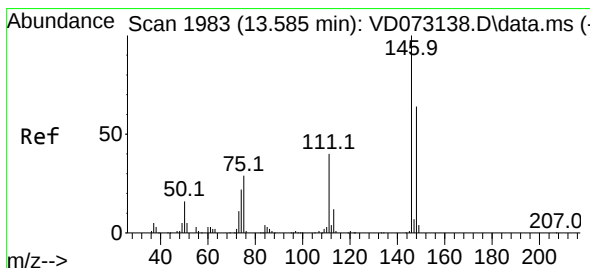
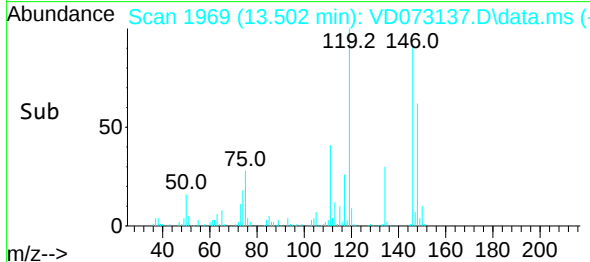
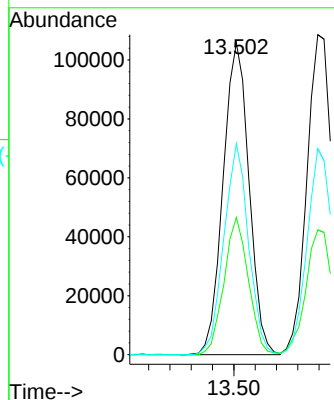
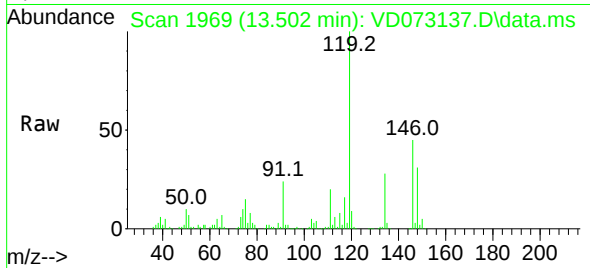




#87
1,3-Dichlorobenzene
Concen: 18.336 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD073137.D
Acq: 19 May 2022 13:37

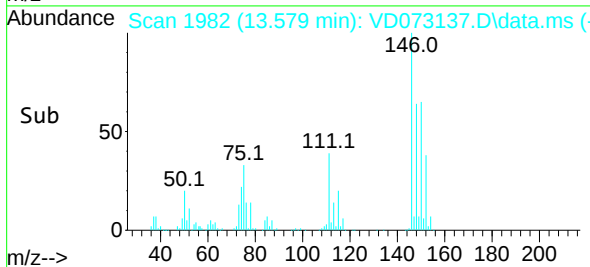
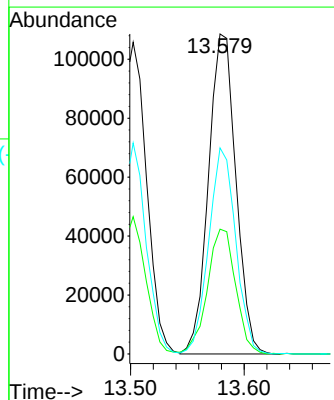
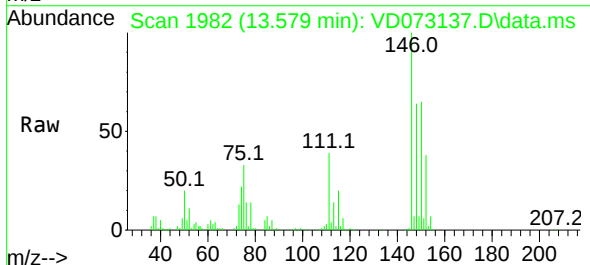
Instrument :
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ClientSampleId :
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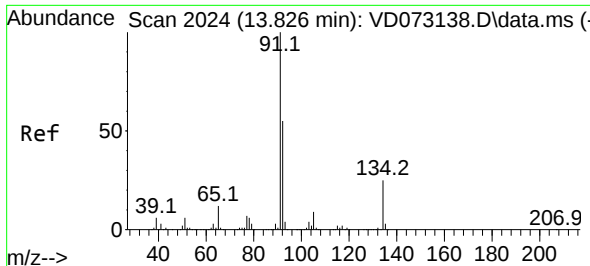
Tgt Ion:146 Resp: 178564
Ion Ratio Lower Upper
146 100
111 41.4 20.4 61.3
148 64.5 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 18.933 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. -0.006 min
Lab File: VD073137.D
Acq: 19 May 2022 13:37

Tgt Ion:146 Resp: 182483
Ion Ratio Lower Upper
146 100
111 40.2 20.3 60.9
148 63.6 31.7 95.1

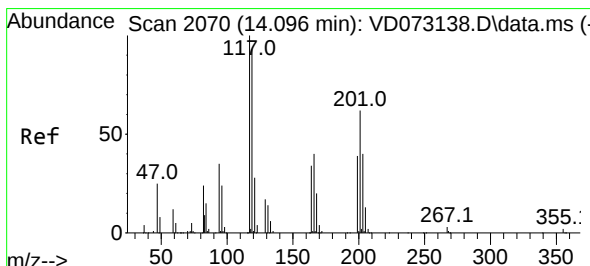
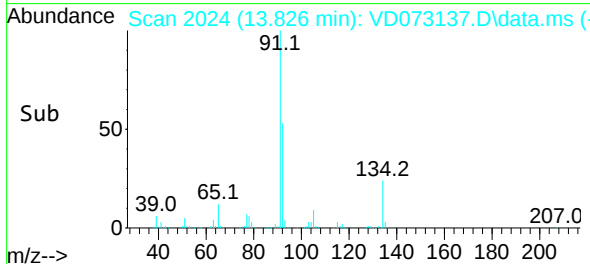
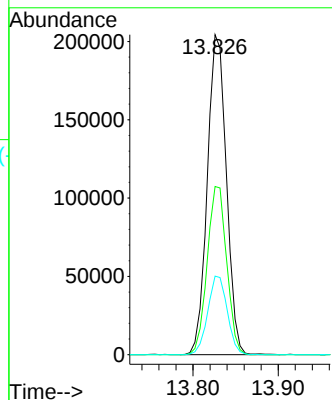
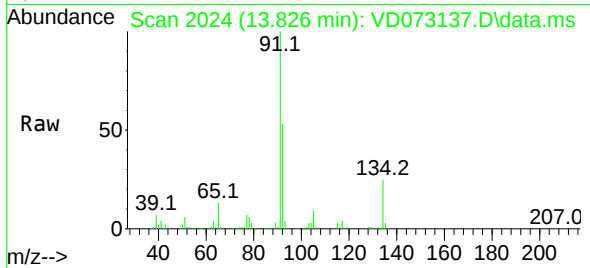




#89
n-Butylbenzene
Concen: 18.364 ug/l
RT: 13.826 min Scan# 2024
Delta R.T. -0.000 min
Lab File: VD073137.D
Acq: 19 May 2022 13:37

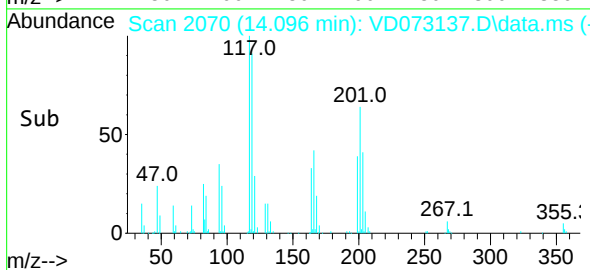
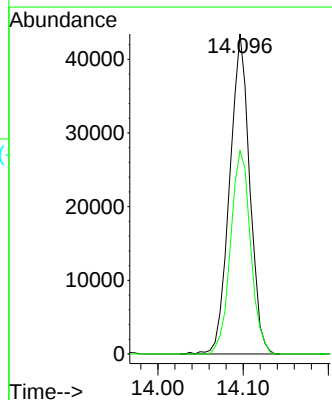
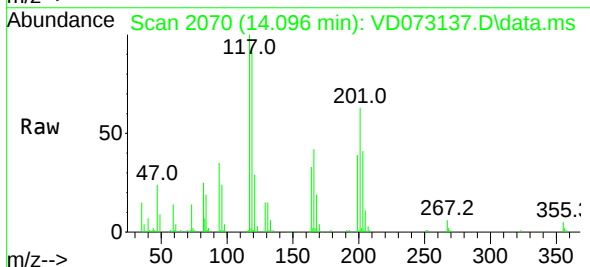
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ClientSampleId :
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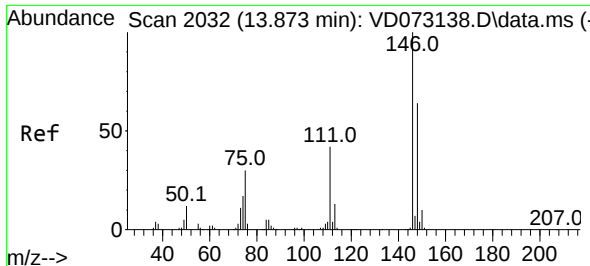
Tgt Ion: 91 Resp: 317852
Ion Ratio Lower Upper
91 100
92 53.7 26.6 79.8
134 25.1 12.3 36.9



#90
Hexachloroethane
Concen: 19.173 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VD073137.D
Acq: 19 May 2022 13:37

Tgt Ion: 117 Resp: 71031
Ion Ratio Lower Upper
117 100
201 63.6 33.4 100.2

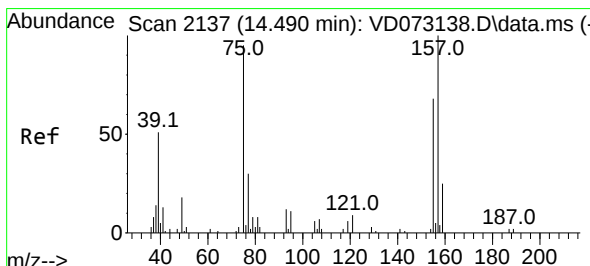
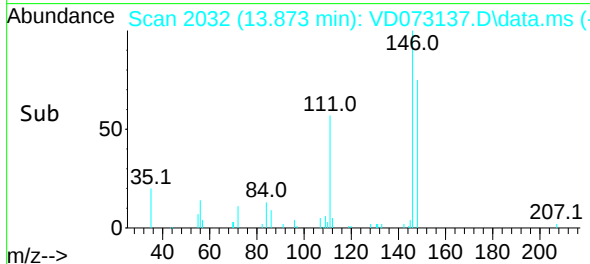
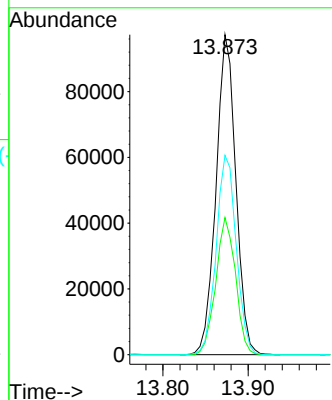
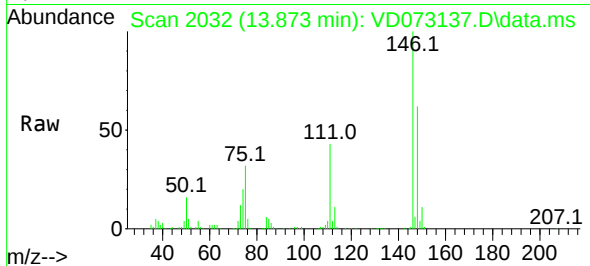




#91
1,2-Dichlorobenzene
Concen: 18.635 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD073137.D
Acq: 19 May 2022 13:37

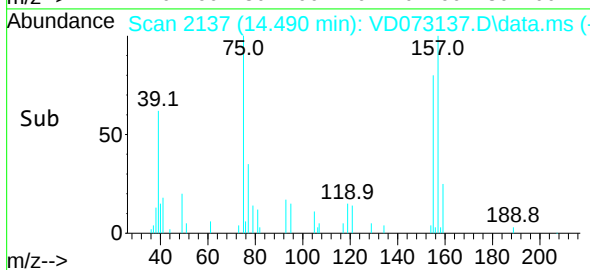
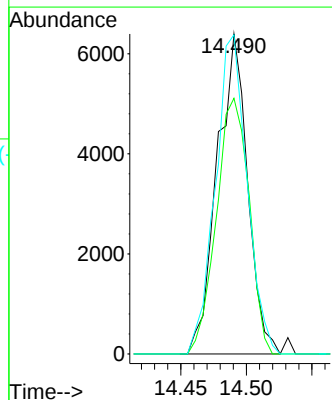
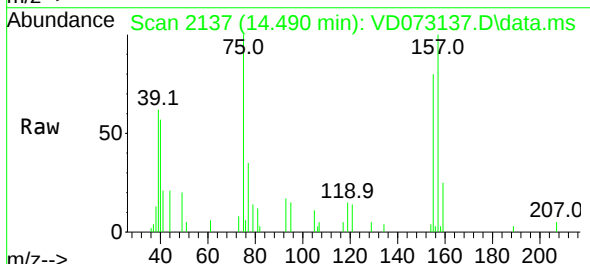
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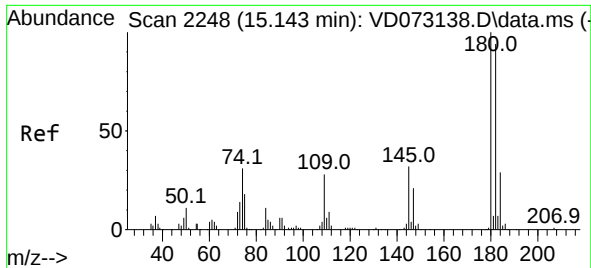
Tgt Ion:146 Resp: 157447
Ion Ratio Lower Upper
146 100
111 42.6 21.1 63.3
148 63.4 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.139 ug/l
RT: 14.490 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VD073137.D
Acq: 19 May 2022 13:37

Tgt Ion: 75 Resp: 10304
Ion Ratio Lower Upper
75 100
155 86.0 36.8 110.3
157 103.8 48.4 145.0

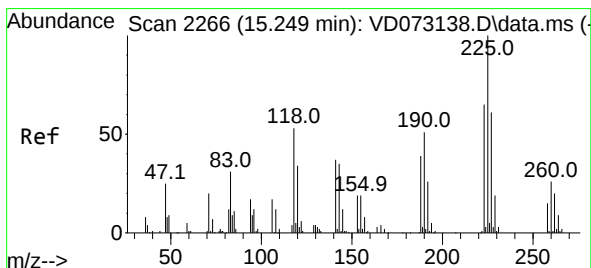
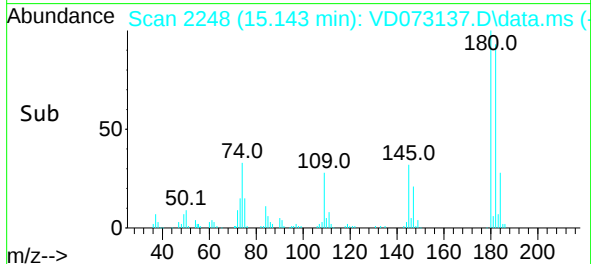
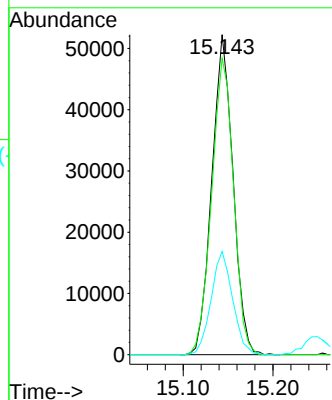
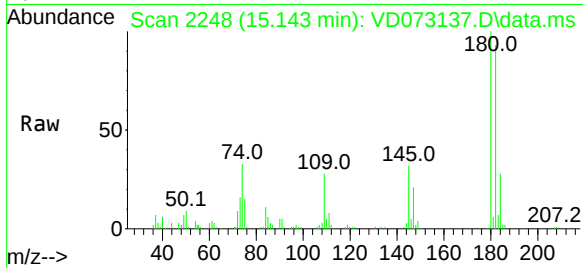




#93
 1,2,4-Trichlorobenzene
 Concen: 17.789 ug/l
 RT: 15.143 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VD073137.D
 Acq: 19 May 2022 13:37

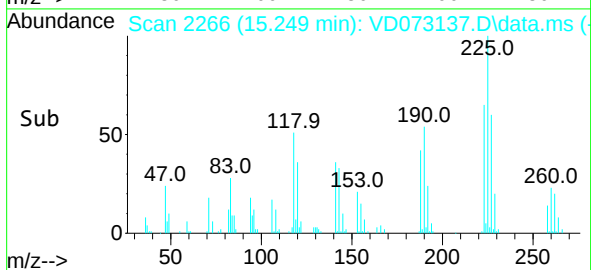
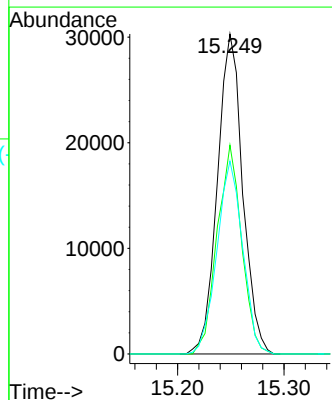
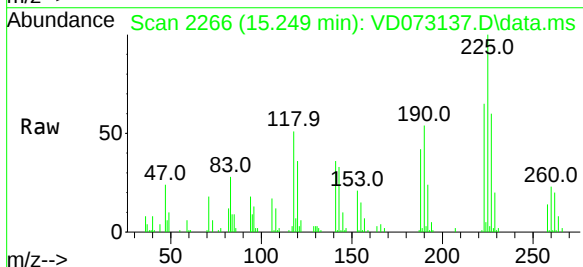
Instrument :
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 ClientSampleId :
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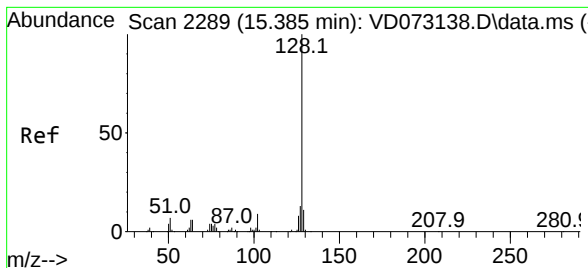
Tgt Ion:180 Resp: 85696
 Ion Ratio Lower Upper
 180 100
 182 95.9 47.3 142.0
 145 32.8 16.2 48.5



#94
 Hexachlorobutadiene
 Concen: 18.580 ug/l
 RT: 15.249 min Scan# 2266
 Delta R.T. -0.000 min
 Lab File: VD073137.D
 Acq: 19 May 2022 13:37

Tgt Ion:225 Resp: 49953
 Ion Ratio Lower Upper
 225 100
 223 63.3 31.1 93.2
 227 61.3 32.4 97.0





#95

Naphthalene

Concen: 17.137 ug/l

RT: 15.385 min Scan# 2289

Delta R.T. -0.000 min

Lab File: VD073137.D

Acq: 19 May 2022 13:37

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

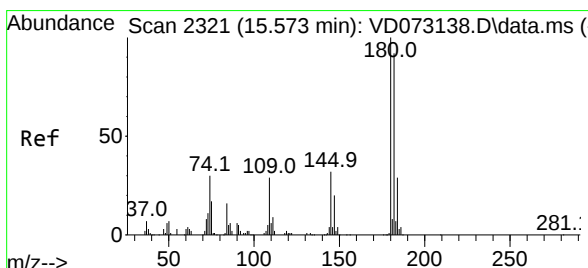
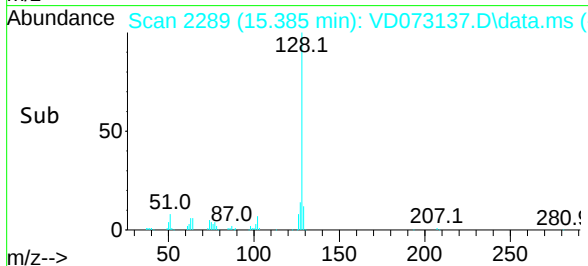
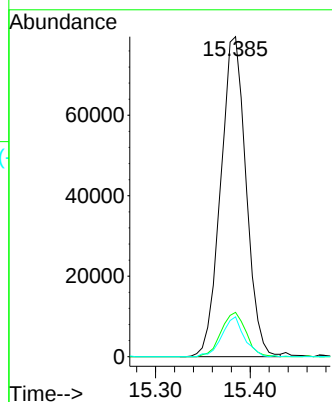
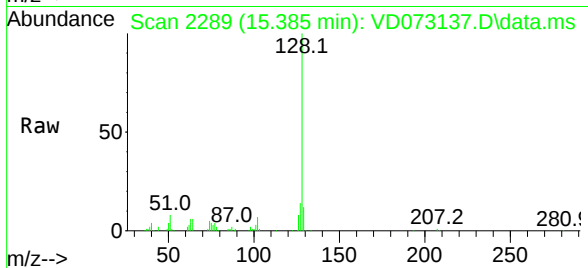
Tgt Ion:128 Resp: 148137

Ion Ratio Lower Upper

128 100

127 13.6 10.3 15.5

129 10.9 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 17.802 ug/l

RT: 15.573 min Scan# 2321

Delta R.T. -0.000 min

Lab File: VD073137.D

Acq: 19 May 2022 13:37

Tgt Ion:180 Resp: 76037

Ion Ratio Lower Upper

180 100

182 94.7 47.6 142.9

145 34.4 17.1 51.3

