

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081321\
 Data File : VD070049.D
 Acq On : 13 Aug 2021 14:54
 Operator : VA/SY
 Sample : VD0813SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0813SBS01

Manual Integrations
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Quant Time: Aug 14 02:38:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 14 02:33:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	564079	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1028646	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	970393	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	448017	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	324569	48.922	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.840%		
35) Dibromofluoromethane	7.909	113	321574	48.388	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.780%		
50) Toluene-d8	10.338	98	1297785	50.208	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	100.420%		
62) 4-Bromofluorobenzene	12.626	95	431515	50.685	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	101.360%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.985	85	145821	23.576	ug/l	100
3) Chloromethane	2.209	50	189554	21.745	ug/l	96
4) Vinyl Chloride	2.344	62	200802	21.034	ug/l	98
5) Bromomethane	2.750	94	136305	23.781	ug/l	94
6) Chloroethane	2.915	64	124087	20.346	ug/l	99
7) Trichlorofluoromethane	3.268	101	231453	20.186	ug/l	93
8) Diethyl Ether	3.703	74	66109	20.147	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.097	101	143159	19.626	ug/l	98
10) Methyl Iodide	4.297	142	113689	17.046	ug/l	99
11) Tert butyl alcohol	5.215	59	38482	104.940	ug/l	100
12) 1,1-Dichloroethene	4.068	96	135887	20.277	ug/l	96
13) Acrolein	3.921	56	42286	100.110	ug/l	99
14) Allyl chloride	4.715	41	201539	20.155	ug/l	98
15) Acrylonitrile	5.420	53	152459	100.201	ug/l	99
16) Acetone	4.156	43	108000	88.367	ug/l	92
17) Carbon Disulfide	4.403	76	499026	20.596	ug/l	99
18) Methyl Acetate	4.715	43	73301	20.116	ug/l	95
19) Methyl tert-butyl Ether	5.479	73	283144	20.358	ug/l	97
20) Methylene Chloride	4.962	84	194975	18.228	ug/l	98
21) trans-1,2-Dichloroethene	5.473	96	157292	20.206	ug/l	98
22) Diisopropyl ether	6.362	45	446179	21.216	ug/l	97
23) Vinyl Acetate	6.309	43	962875	101.026	ug/l	100
24) 1,1-Dichloroethane	6.262	63	290479	20.188	ug/l	99
25) 2-Butanone	7.214	43	166757	99.853	ug/l #	88
26) 2,2-Dichloropropane	7.209	77	221523	19.773	ug/l	99
27) cis-1,2-Dichloroethene	7.209	96	171271	20.718	ug/l	97
28) Bromochloromethane	7.544	49	110877	21.176	ug/l	100
29) Tetrahydrofuran	7.562	42	109552	100.181	ug/l	96
30) Chloroform	7.709	83	287906	20.346	ug/l	96
31) Cyclohexane	7.985	56	265889	20.248	ug/l	96
32) 1,1,1-Trichloroethane	7.903	97	241098	20.389	ug/l	99
36) 1,1-Dichloropropene	8.109	75	223676	20.213	ug/l	100
37) Ethyl Acetate	7.291	43	80560	20.042	ug/l	98
38) Carbon Tetrachloride	8.097	117	198402	19.749	ug/l	96
39) Methylcyclohexane	9.356	83	256013	19.870	ug/l	97
40) Benzene	8.350	78	651278	20.291	ug/l	98

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	38643	17.782	ug/l	91
42) 1,2-Dichloroethane	8.420	62	163383	19.862	ug/l	98
43) Isopropyl Acetate	8.450	43	149229	19.886	ug/l	99
44) Trichloroethene	9.108	130	155766	20.089	ug/l	96
45) 1,2-Dichloropropane	9.385	63	168551	20.217	ug/l	95
46) Dibromomethane	9.473	93	81247	20.064	ug/l	99
47) Bromodichloromethane	9.661	83	214272	20.452	ug/l	99
48) Methyl methacrylate	9.456	41	72410	20.235	ug/l	98
49) 1,4-Dioxane	9.461	88	17441	395.766	ug/l	92
51) 4-Methyl-2-Pentanone	10.226	43	391568	100.354	ug/l	98
52) Toluene	10.397	92	400248	20.487	ug/l	97
53) t-1,3-Dichloropropene	10.614	75	189024	20.369	ug/l	95
54) cis-1,3-Dichloropropene	10.085	75	231024	20.511	ug/l	99
55) 1,1,2-Trichloroethane	10.797	97	113999	19.869	ug/l	97
56) Ethyl methacrylate	10.655	69	129487	19.832	ug/l	100
57) 1,3-Dichloropropane	10.938	76	195125	19.645	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	331445	96.247	ug/l	99
59) 2-Hexanone	10.979	43	255476	97.768	ug/l	98
60) Dibromochloromethane	11.138	129	131585	20.020	ug/l	97
61) 1,2-Dibromoethane	11.238	107	106311	20.467	ug/l	100
64) Tetrachloroethene	10.873	164	120816	19.299	ug/l	94
65) Chlorobenzene	11.661	112	407697	20.109	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	143572	19.940	ug/l	99
67) Ethyl Benzene	11.738	91	719969	20.084	ug/l	98
68) m/p-Xylenes	11.850	106	572748	41.228	ug/l	97
69) o-Xylene	12.173	106	254807	20.328	ug/l	99
70) Styrene	12.185	104	444844	20.263	ug/l	99
71) Bromoform	12.350	173	68482	19.521	ug/l #	100
73) Isopropylbenzene	12.473	105	663340	20.304	ug/l	99
74) N-amyl acetate	12.279	43	137891	19.575	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.720	83	131805	20.219	ug/l	100
76) 1,2,3-Trichloropropane	12.773	75	88066m	19.383	ug/l	
77) Bromobenzene	12.755	156	144456	19.921	ug/l	97
78) n-propylbenzene	12.814	91	879409	20.872	ug/l	99
79) 2-Chlorotoluene	12.897	91	496426	20.479	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	574450	20.654	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	35953	20.539	ug/l	97
82) 4-Chlorotoluene	12.997	91	524694	20.671	ug/l	100
83) tert-Butylbenzene	13.214	119	451877	19.988	ug/l	100
84) 1,2,4-Trimethylbenzene	13.261	105	570167	20.665	ug/l	100
85) sec-Butylbenzene	13.391	105	737261	20.355	ug/l	98
86) p-Isopropyltoluene	13.508	119	596321	20.378	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	307577	19.963	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	307436	20.146	ug/l	98
89) n-Butylbenzene	13.832	91	575295	20.034	ug/l	98
90) Hexachloroethane	14.102	117	120464	19.508	ug/l	98
91) 1,2-Dichlorobenzene	13.879	146	266228	20.166	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.491	75	18655	19.159	ug/l	96
93) 1,2,4-Trichlorobenzene	15.149	180	144208	19.643	ug/l	99
94) Hexachlorobutadiene	15.249	225	85931	19.814	ug/l	99
95) Naphthalene	15.385	128	256960	19.231	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	124664	19.452	ug/l	99

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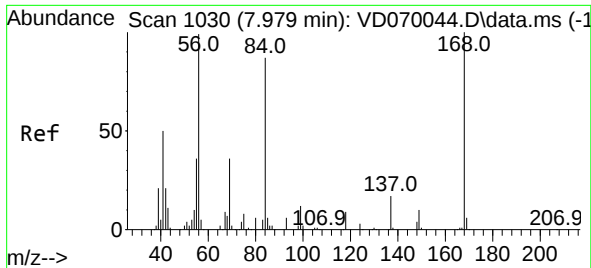
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

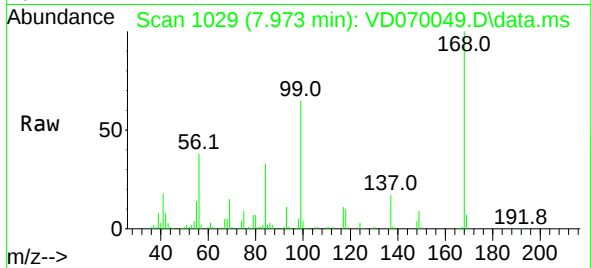
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070049.D
Acq: 13 Aug 2021 14:54

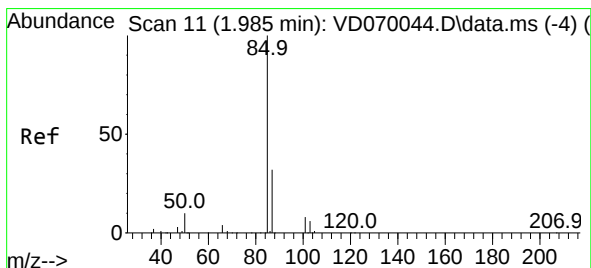
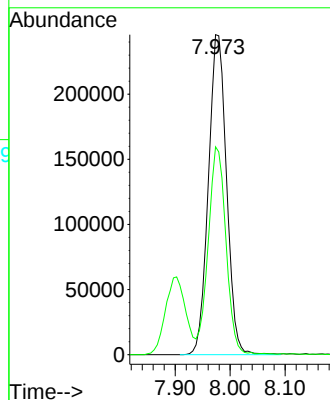
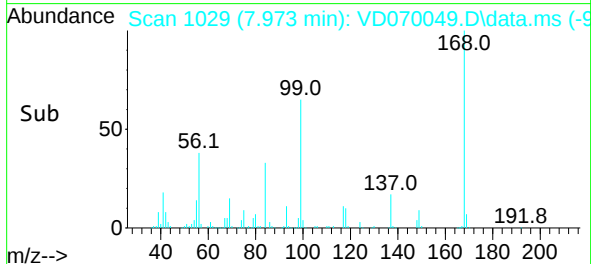
Instrument :
MSVOA_D
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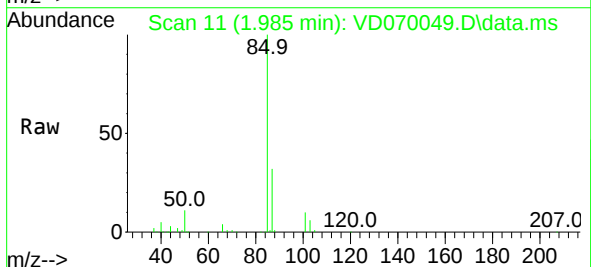
Tgt Ion:168 Resp: 564079
Ion Ratio Lower Upper
168 100
99 64.7 50.3 75.5

Manual Integrations
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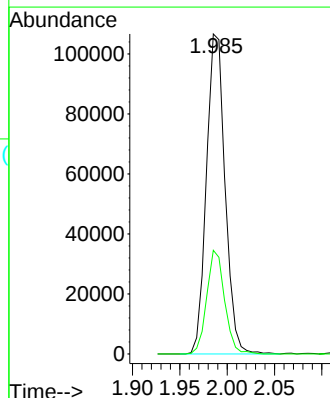
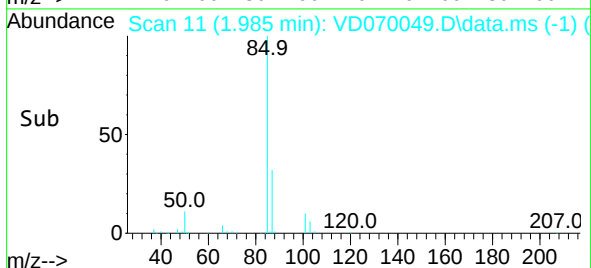
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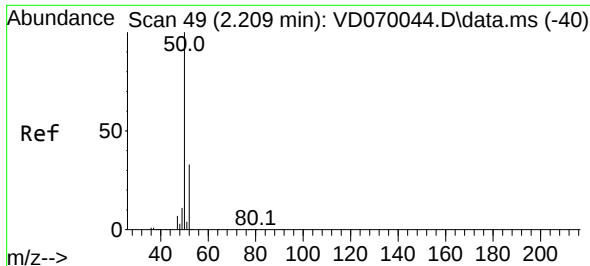


#2
Dichlorodifluoromethane
Concen: 23.576 ug/l
RT: 1.985 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD070049.D
Acq: 13 Aug 2021 14:54



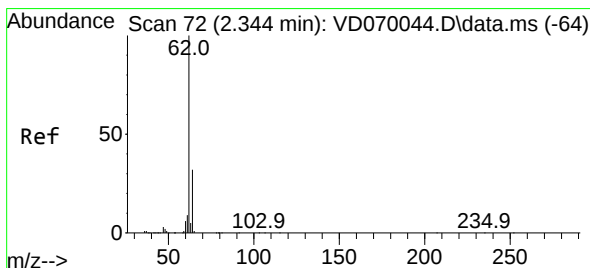
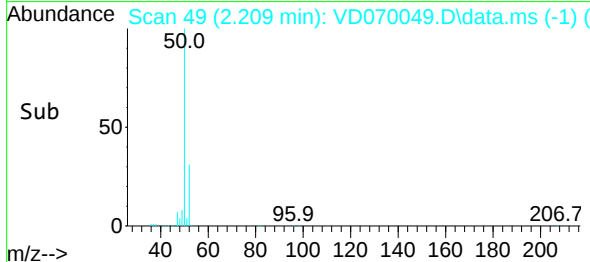
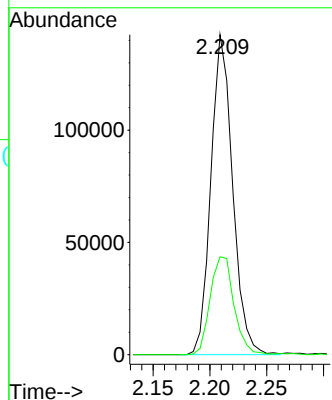
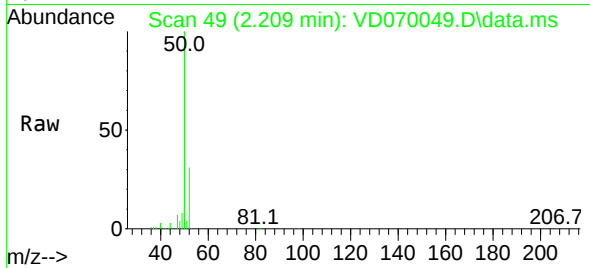
Tgt Ion: 85 Resp: 145821
Ion Ratio Lower Upper
85 100
87 32.4 16.2 48.6





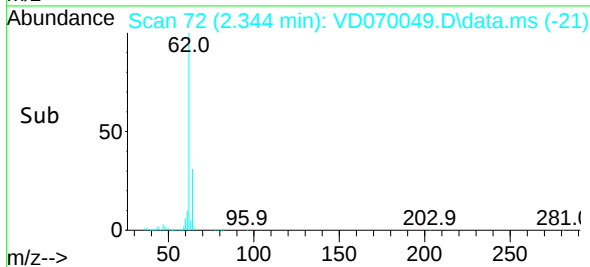
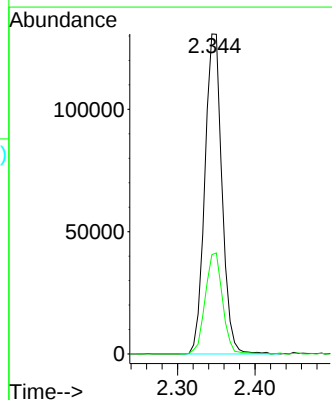
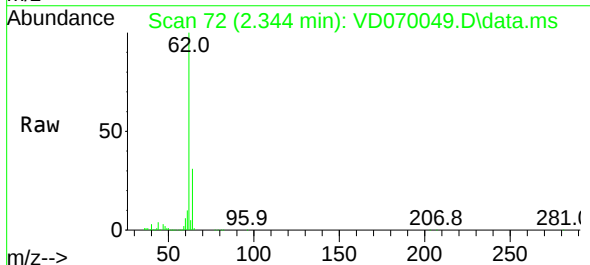
#3
Chloromethane
Concen: 21.745 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD070049.D
Acq: 13 Aug 2021 14:54

Tgt Ion: 50 Resp: 189554
Ion Ratio Lower Upper
50 100
52 30.6 26.3 39.5



#4
Vinyl Chloride
Concen: 21.034 ug/l
RT: 2.344 min Scan# 72
Delta R.T. 0.000 min
Lab File: VD070049.D
Acq: 13 Aug 2021 14:54

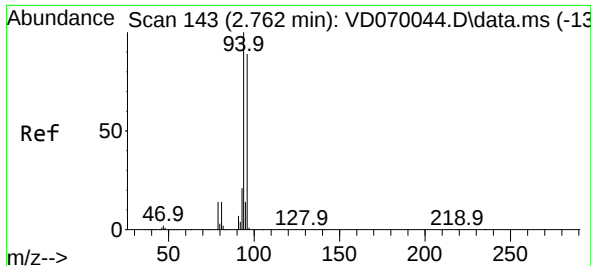
Tgt Ion: 62 Resp: 200802
Ion Ratio Lower Upper
62 100
64 31.1 25.7 38.5



Instrument :
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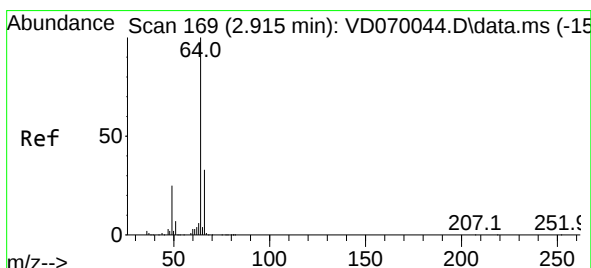
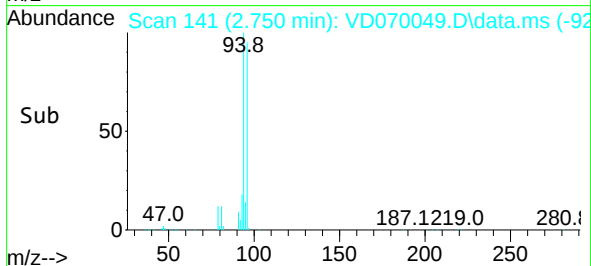
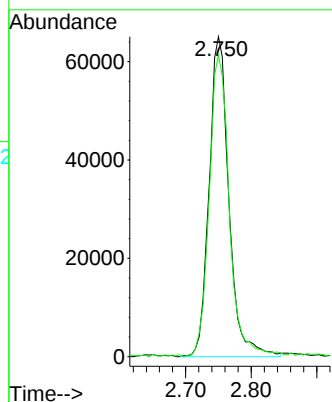
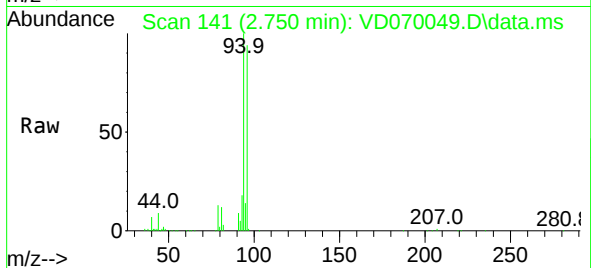
#5
Bromomethane
Concen: 23.781 ug/l
RT: 2.750 min Scan# 141
Delta R.T. -0.012 min
Lab File: VD070049.D
Acq: 13 Aug 2021 14:54

Tgt Ion: 94 Resp: 136305
Ion Ratio Lower Upper
94 100
96 93.7 70.9 106.3

Instrument :
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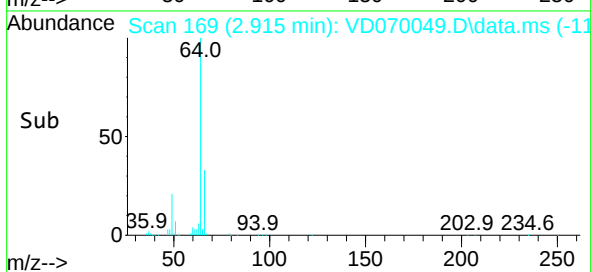
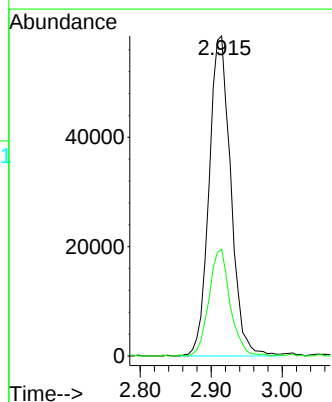
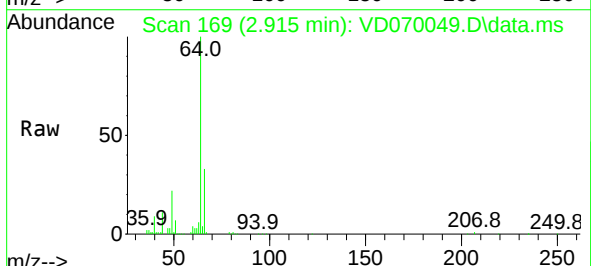
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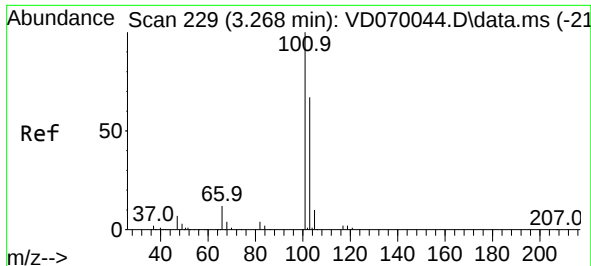
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#6
Chloroethane
Concen: 20.346 ug/l
RT: 2.915 min Scan# 169
Delta R.T. 0.000 min
Lab File: VD070049.D
Acq: 13 Aug 2021 14:54

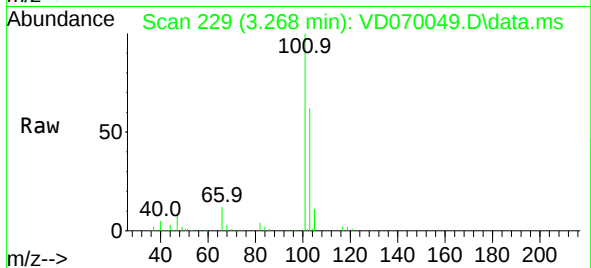
Tgt Ion: 64 Resp: 124087
Ion Ratio Lower Upper
64 100
66 33.0 26.0 39.0





#7
Trichlorofluoromethane
Concen: 20.186 ug/l
RT: 3.268 min Scan# 229
Delta R.T. 0.000 min
Lab File: VD070049.D
Acq: 13 Aug 2021 14:54

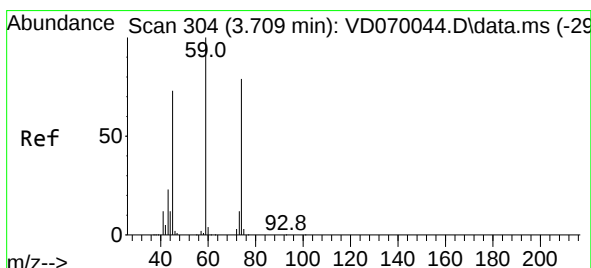
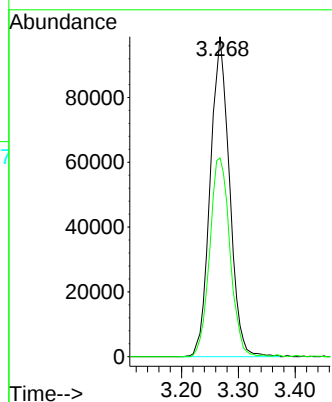
Instrument :
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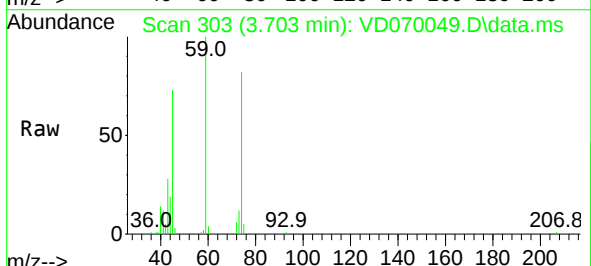
Tgt Ion:101 Resp: 231453
Ion Ratio Lower Upper
101 100
103 62.1 53.9 80.9

Manual Integrations
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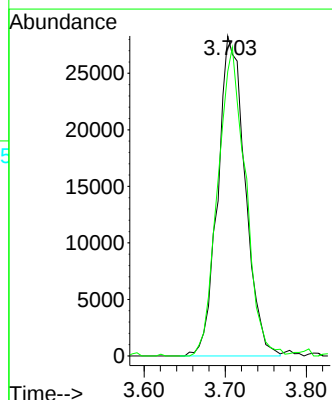
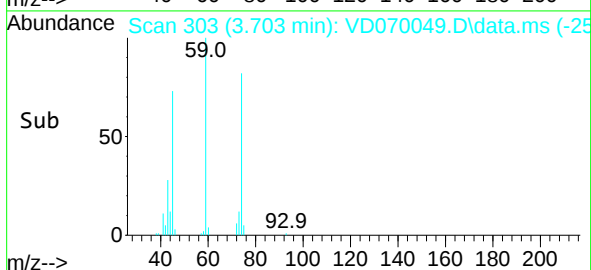
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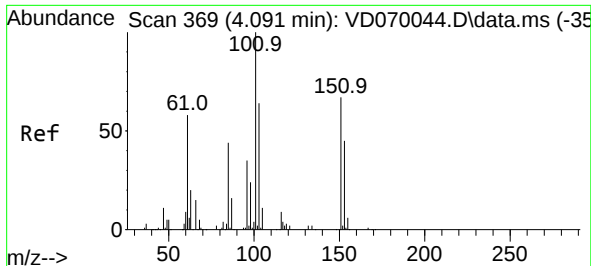


#8
Diethyl Ether
Concen: 20.147 ug/l
RT: 3.703 min Scan# 303
Delta R.T. -0.006 min
Lab File: VD070049.D
Acq: 13 Aug 2021 14:54



Tgt Ion: 74 Resp: 66109
Ion Ratio Lower Upper
74 100
45 97.9 48.6 145.9





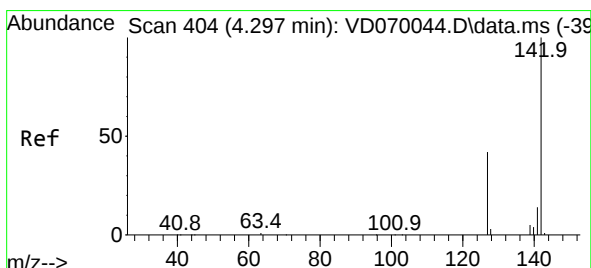
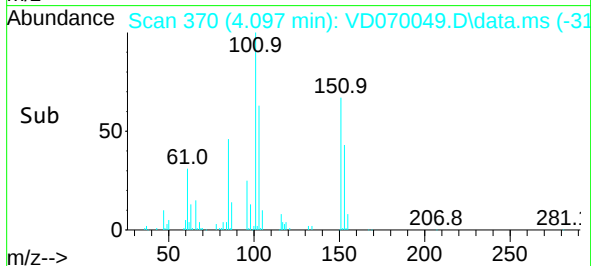
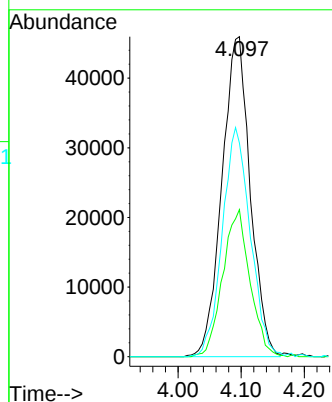
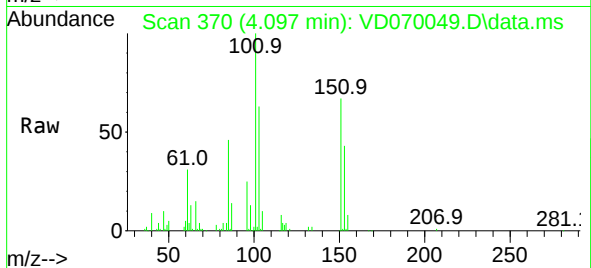
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.626 ug/l
RT: 4.097 min Scan# 370
Delta R.T. 0.006 min
Lab File: VD070049.D
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Tgt Ion:101 Resp: 143159
Ion Ratio Lower Upper
101 100
85 44.2 34.6 52.0
151 71.0 55.0 82.6

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ClientSampleId :
VD0813SBS01

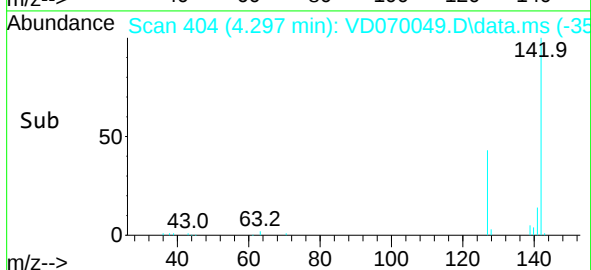
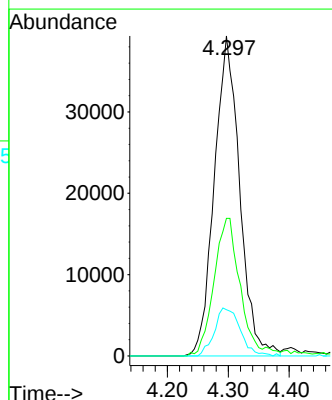
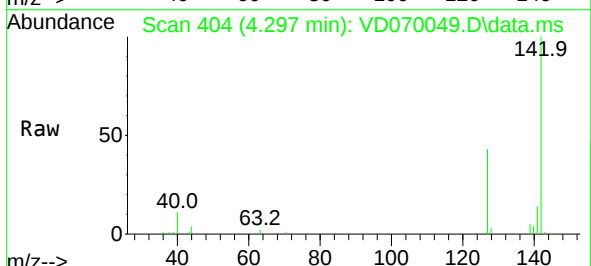
Manual Integrations
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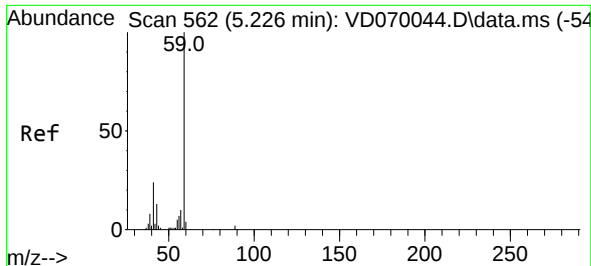
MMDadoda
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#10
Methyl Iodide
Concen: 17.046 ug/l
RT: 4.297 min Scan# 404
Delta R.T. 0.000 min
Lab File: VD070049.D
Acq: 13 Aug 2021 14:54

Tgt Ion:142 Resp: 113689
Ion Ratio Lower Upper
142 100
127 43.4 35.4 53.0
141 15.2 12.1 18.1





#11

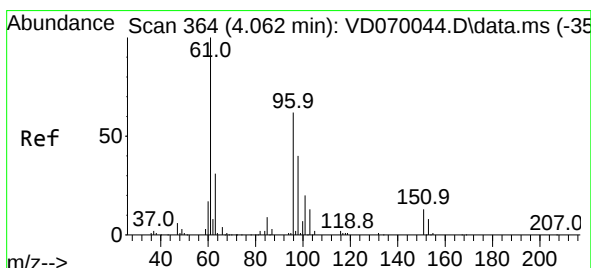
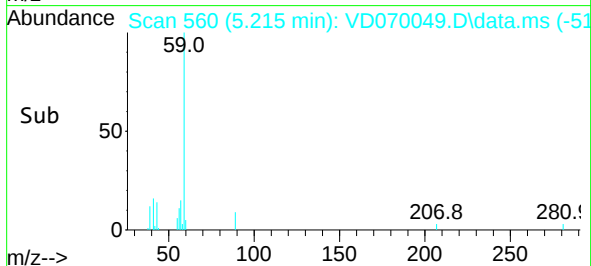
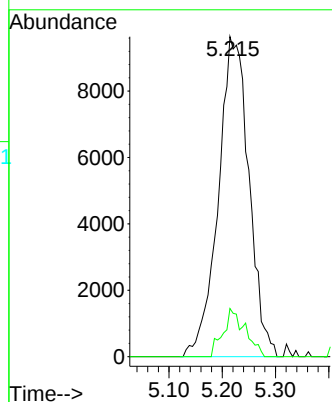
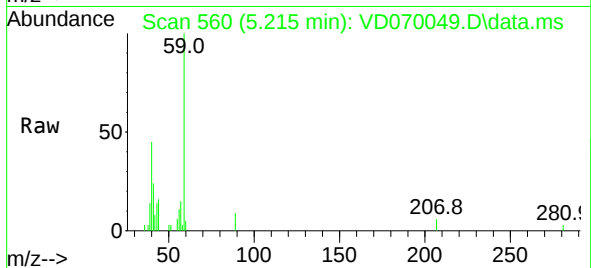
Tert butyl alcohol
Concen: 104.940 ug/l
RT: 5.215 min Scan# 560
Delta R.T. -0.012 min
Lab File: VD070049.D
Acq: 13 Aug 2021 14:54

Tgt Ion: 59 Resp: 38482
Ion Ratio Lower Upper
59 100
57 10.8 8.8 13.2

Instrument :
MSVOA_D
ClientSampleId :
VD0813SBS01

Manual Integrations
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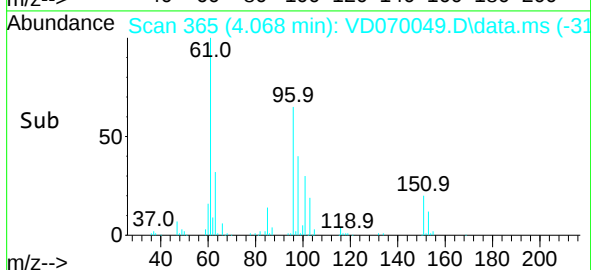
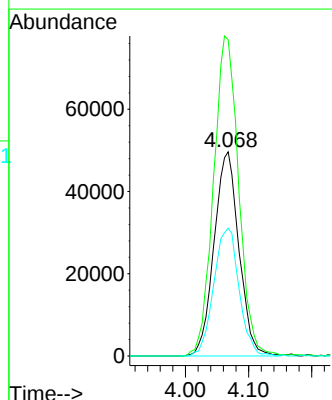
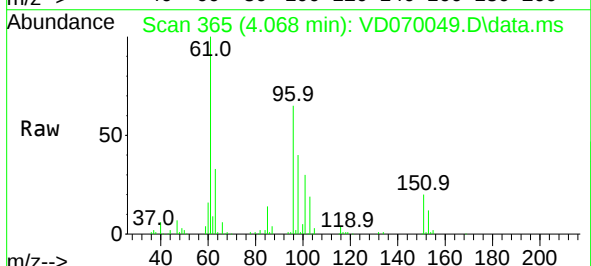
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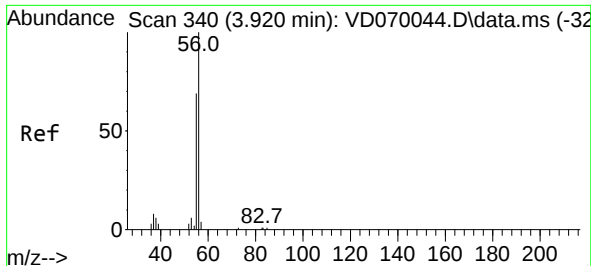


#12

1,1-Dichloroethene
Concen: 20.277 ug/l
RT: 4.068 min Scan# 365
Delta R.T. 0.006 min
Lab File: VD070049.D
Acq: 13 Aug 2021 14:54

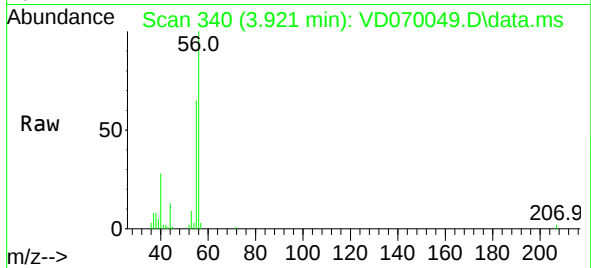
Tgt Ion: 96 Resp: 135887
Ion Ratio Lower Upper
96 100
61 154.9 129.1 193.7
98 62.6 52.0 78.0





#13
Acrolein
Concen: 100.110 ug/l
RT: 3.921 min Scan# 340
Delta R.T. 0.000 min
Lab File: VD070049.D
Acq: 13 Aug 2021 14:54

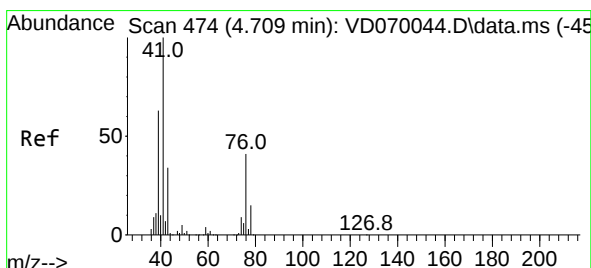
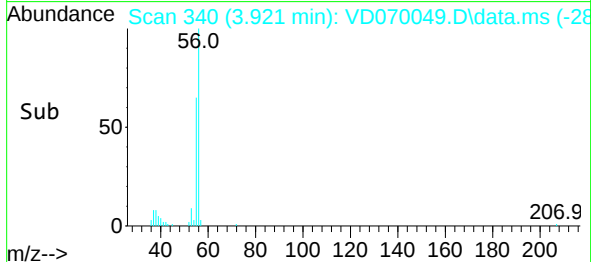
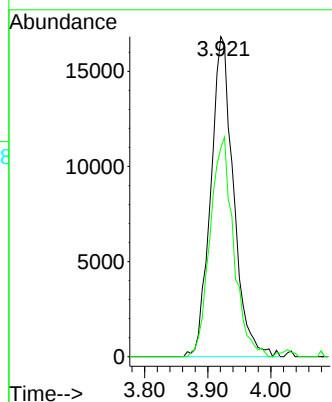
Instrument :
MSVOA_D
ClientSampleId :
VD0813SBS01



Tgt Ion: 56 Resp: 42286
Ion Ratio Lower Upper
56 100
55 70.5 57.4 86.0

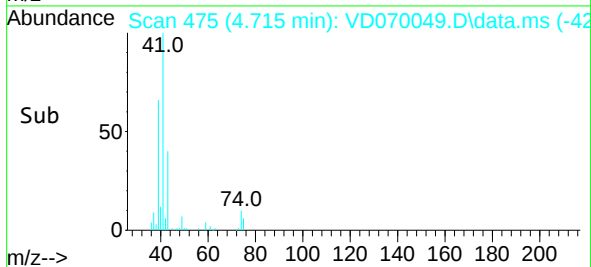
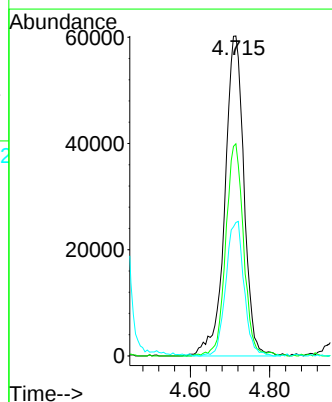
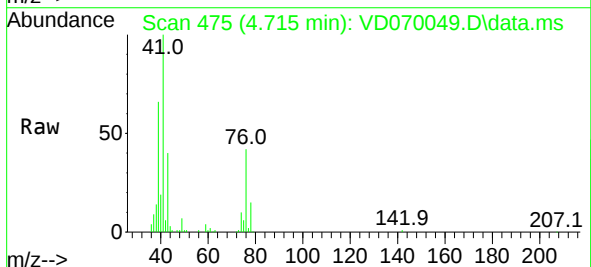
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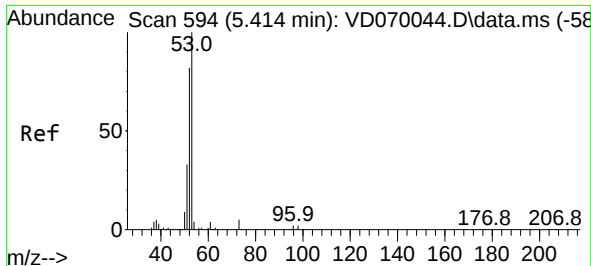
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#14
Allyl chloride
Concen: 20.155 ug/l
RT: 4.715 min Scan# 475
Delta R.T. 0.006 min
Lab File: VD070049.D
Acq: 13 Aug 2021 14:54

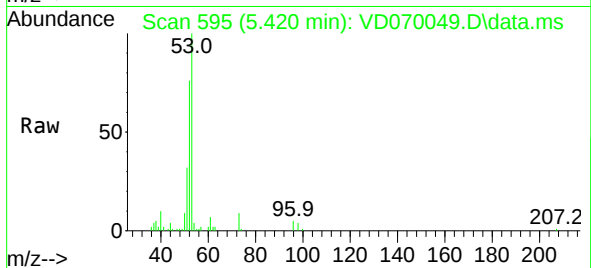
Tgt Ion: 41 Resp: 201539
Ion Ratio Lower Upper
41 100
39 62.2 47.9 71.9
76 40.0 31.6 47.4





#15
Acrylonitrile
Concen: 100.201 ug/l
RT: 5.420 min Scan# 595
Delta R.T. 0.006 min
Lab File: VD070049.D
Acq: 13 Aug 2021 14:54

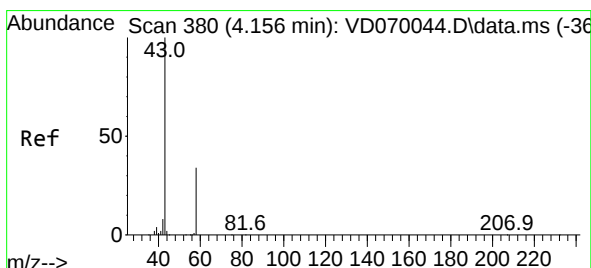
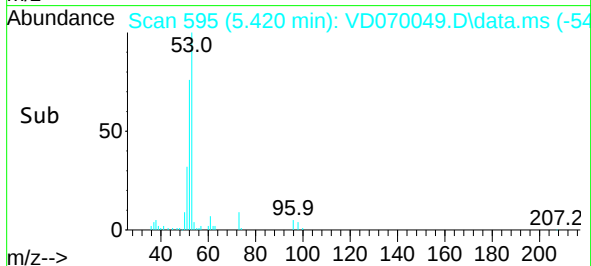
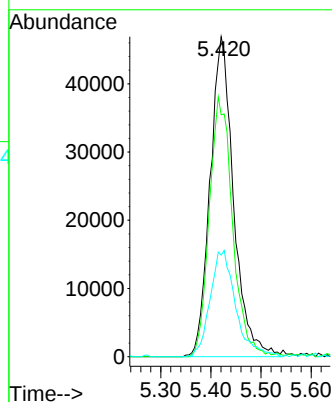
Instrument :
MSVOA_D
ClientSampleId :
VD0813SBS01



Tgt Ion: 53 Resp: 152459
Ion Ratio Lower Upper
53 100
52 80.2 64.5 96.7
51 36.1 28.2 42.4

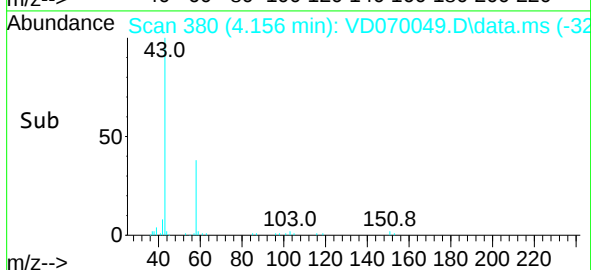
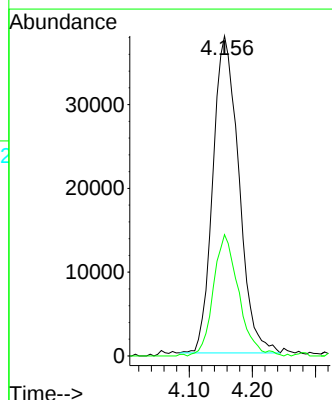
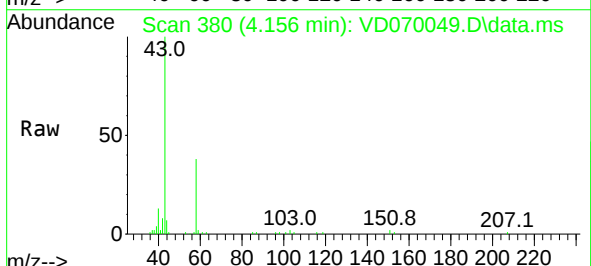
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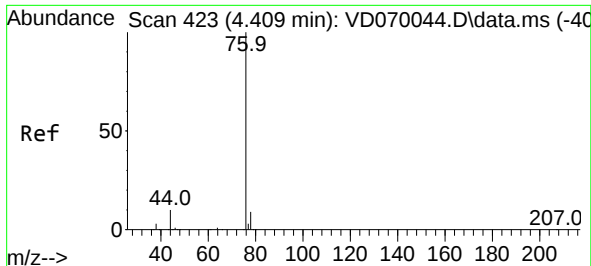
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#16
Acetone
Concen: 88.367 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD070049.D
Acq: 13 Aug 2021 14:54

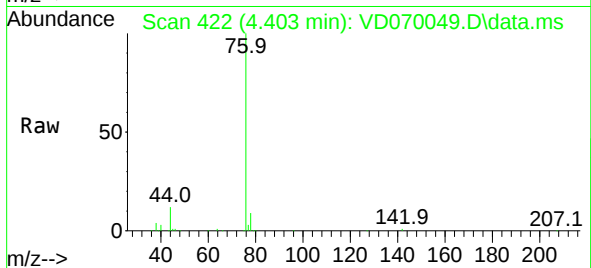
Tgt Ion: 43 Resp: 108000
Ion Ratio Lower Upper
43 100
58 37.8 26.8 40.2





#17
Carbon Disulfide
Concen: 20.596 ug/l
RT: 4.403 min Scan# 422
Delta R.T. -0.006 min
Lab File: VD070049.D
Acq: 13 Aug 2021 14:54

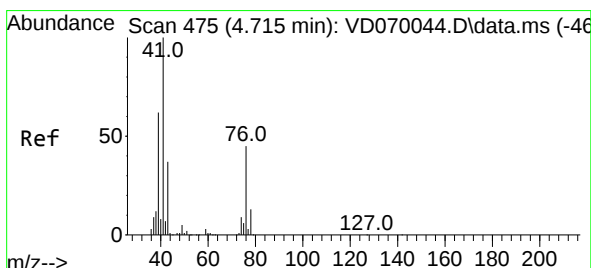
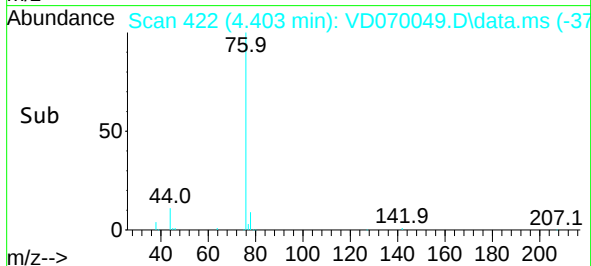
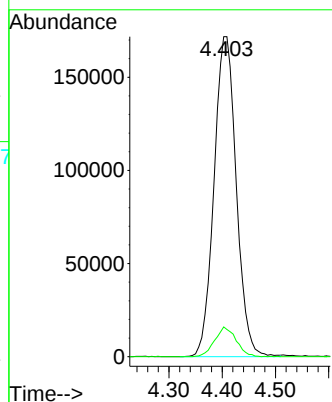
Instrument :
MSVOA_D
ClientSampleId :
VD0813SBS01



Tgt Ion: 76 Resp: 499026
Ion Ratio Lower Upper
76 100
78 9.3 7.1 10.7

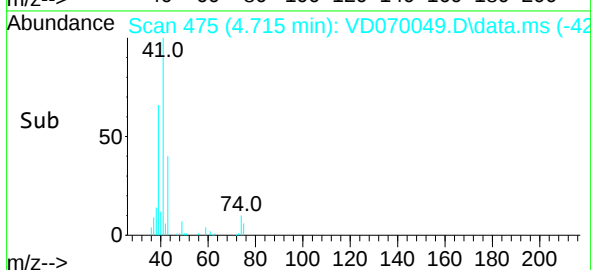
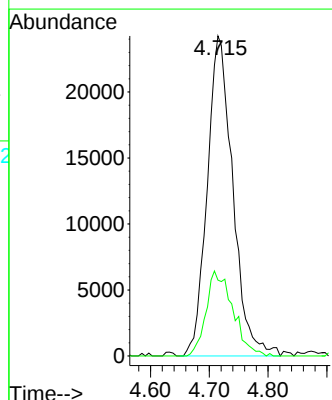
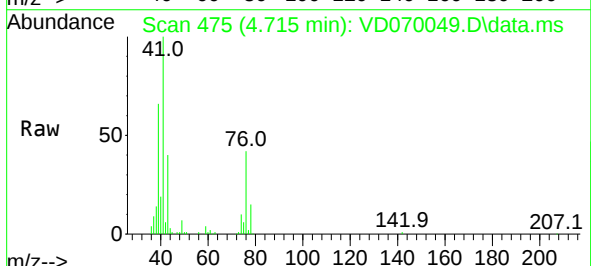
Manual Integrations
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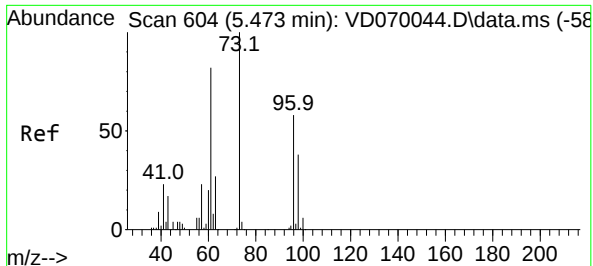
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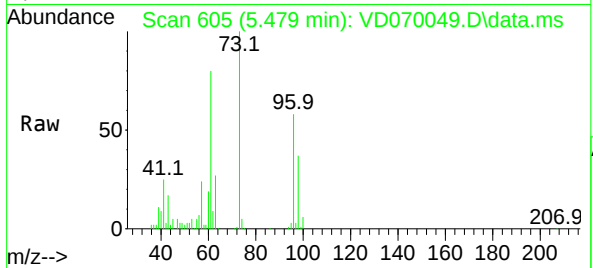
#18
Methyl Acetate
Concen: 20.116 ug/l
RT: 4.715 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD070049.D
Acq: 13 Aug 2021 14:54

Tgt Ion: 43 Resp: 73301
Ion Ratio Lower Upper
43 100
74 27.7 20.2 30.2

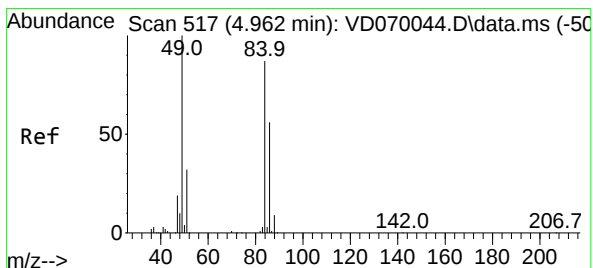
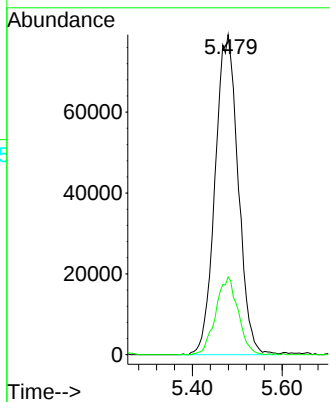
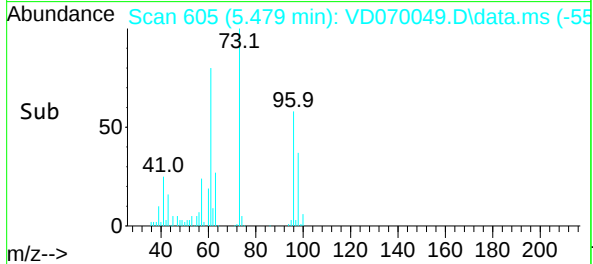




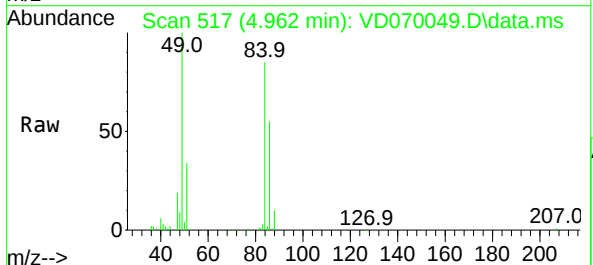
#19
Methyl tert-butyl Ether
Concen: 20.358 ug/l
RT: 5.479 min Scan# 605
Delta R.T. 0.006 min
Lab File: VD070049.D
Acq: 13 Aug 2021 14:54



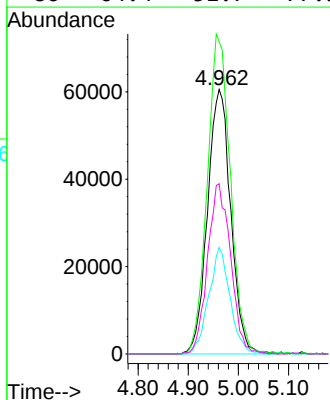
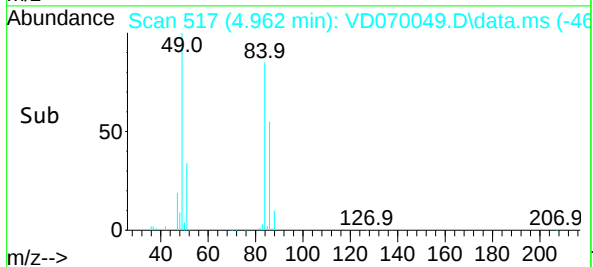
Tgt Ion: 73 Resp: 283144
Ion Ratio Lower Upper
73 100
57 24.3 18.2 27.4



#20
Methylene Chloride
Concen: 18.228 ug/l
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD070049.D
Acq: 13 Aug 2021 14:54



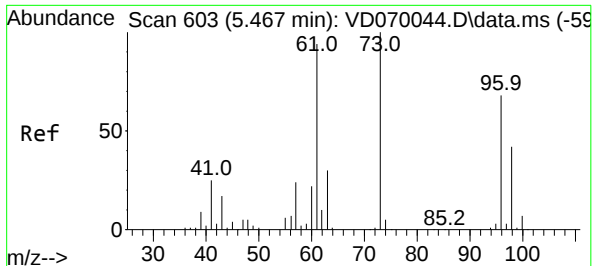
Tgt Ion: 84 Resp: 194975
Ion Ratio Lower Upper
84 100
49 117.8 92.5 138.7
51 40.2 29.7 44.5
86 64.4 51.7 77.5



Instrument :
MSVOA_D
ClientSampleId :
VD0813SBS01

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#21

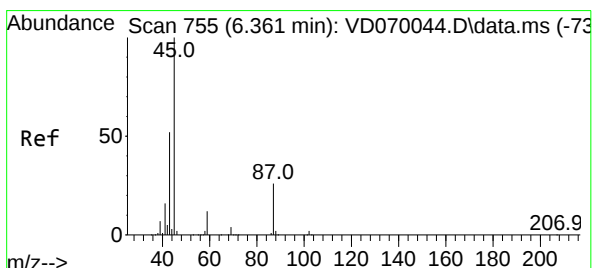
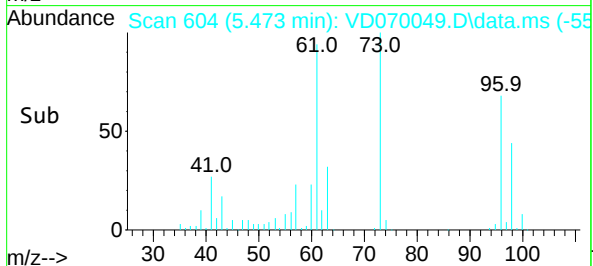
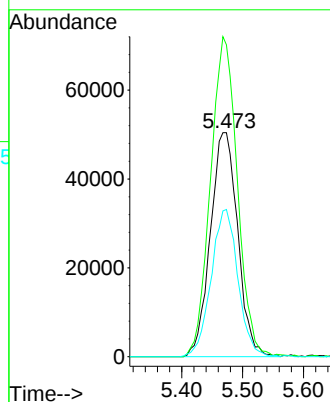
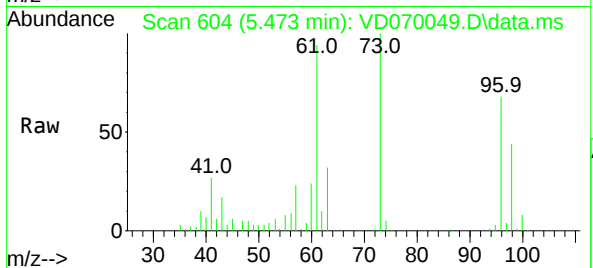
trans-1,2-Dichloroethene
Concen: 20.206 ug/l
RT: 5.473 min Scan# 604
Delta R.T. 0.006 min
Lab File: VD070049.D
Acq: 13 Aug 2021 14:54

Tgt Ion: 96 Resp: 157292
Ion Ratio Lower Upper
96 100
61 139.2 111.0 166.4
98 65.7 49.0 73.4

Instrument :
MSVOA_D
ClientSampleId :
VD0813SBS01

Manual Integrations
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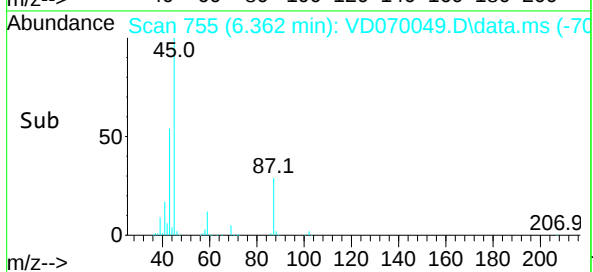
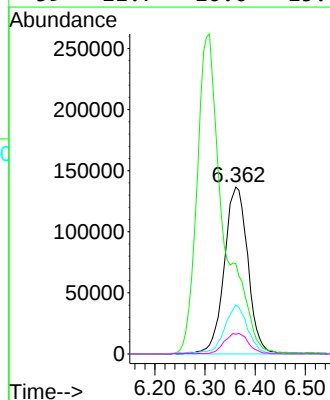
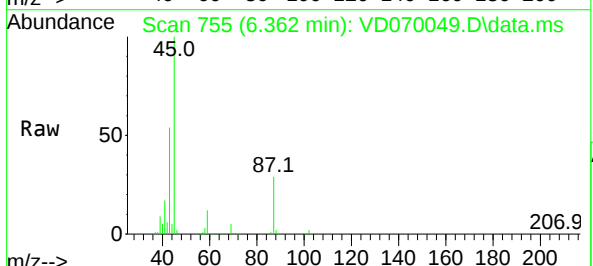
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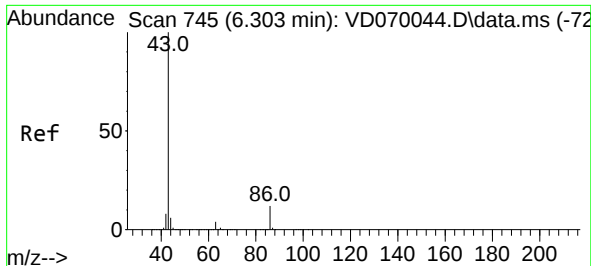


#22

Diisopropyl ether
Concen: 21.216 ug/l
RT: 6.362 min Scan# 755
Delta R.T. 0.000 min
Lab File: VD070049.D
Acq: 13 Aug 2021 14:54

Tgt Ion: 45 Resp: 446179
Ion Ratio Lower Upper
45 100
43 52.9 41.7 62.5
87 29.2 21.0 31.4
59 11.7 10.0 15.0





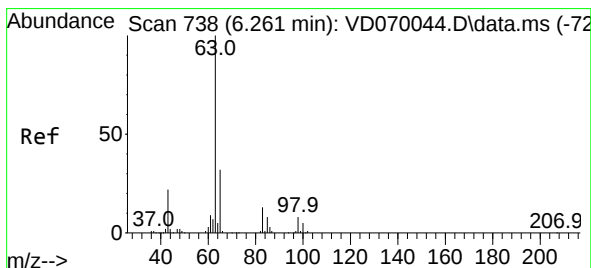
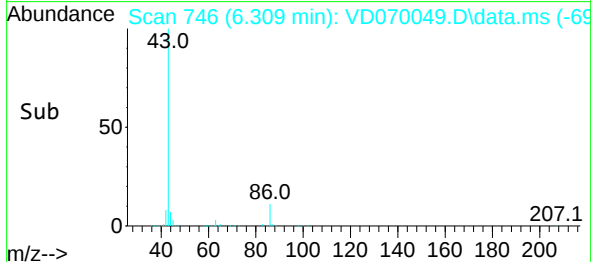
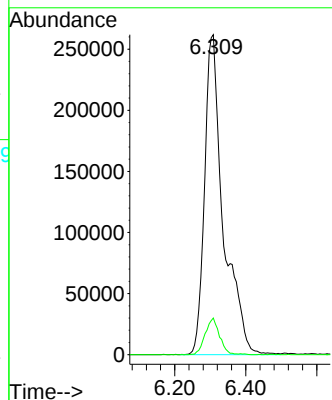
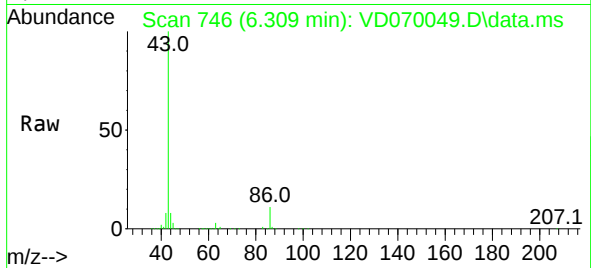
#23
 Vinyl Acetate
 Concen: 101.026 ug/l
 RT: 6.309 min Scan# 746
 Delta R.T. 0.006 min
 Lab File: VD070049.D
 Acq: 13 Aug 2021 14:54

Tgt Ion: 43 Resp: 962875
 Ion Ratio Lower Upper
 43 100
 86 11.4 9.2 13.8

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0813SBS01

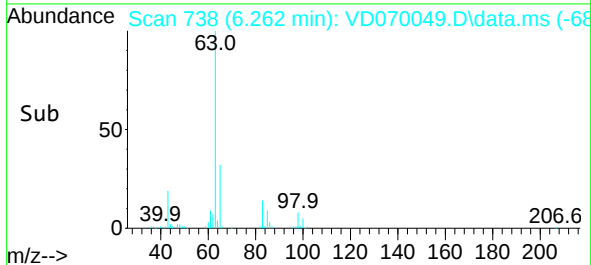
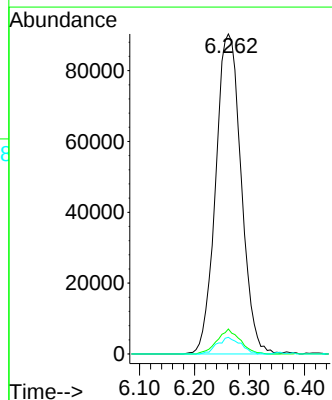
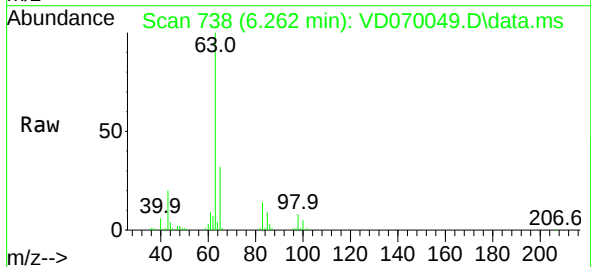
Manual Integrations
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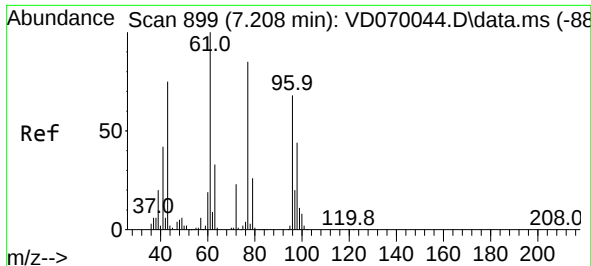
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#24
 1,1-Dichloroethane
 Concen: 20.188 ug/l
 RT: 6.262 min Scan# 738
 Delta R.T. 0.000 min
 Lab File: VD070049.D
 Acq: 13 Aug 2021 14:54

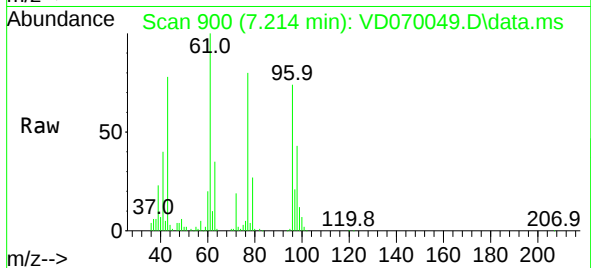
Tgt Ion: 63 Resp: 290479
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.8 11.2
 100 5.2 2.3 6.9





#25
2-Butanone
Concen: 99.853 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.006 min
Lab File: VD070049.D
Acq: 13 Aug 2021 14:54

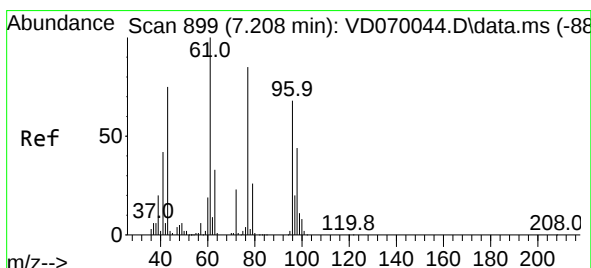
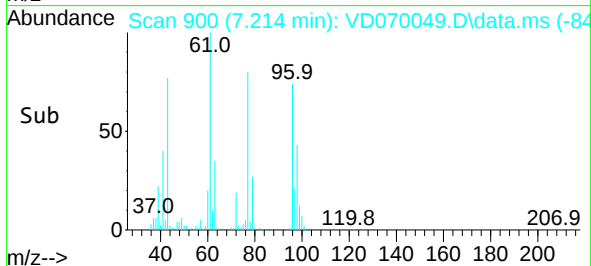
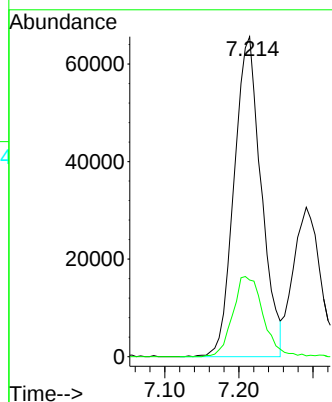
Instrument :
MSVOA_D
ClientSampleId :
VD0813SBS01



Tgt Ion: 43 Resp: 166757
Ion Ratio Lower Upper
43 100
72 24.0 24.2 36.4#

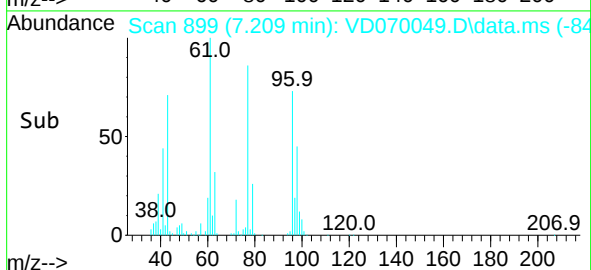
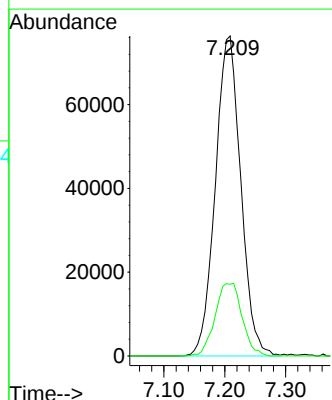
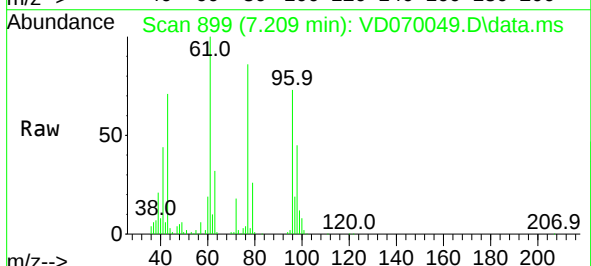
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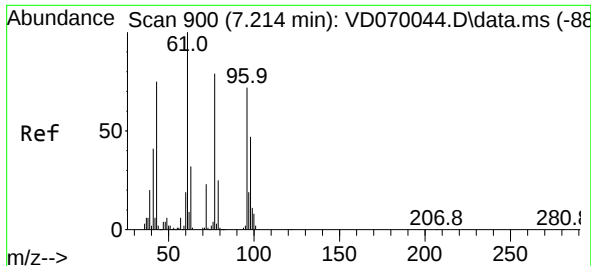
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#26
2,2-Dichloropropane
Concen: 19.773 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD070049.D
Acq: 13 Aug 2021 14:54

Tgt Ion: 77 Resp: 221523
Ion Ratio Lower Upper
77 100
97 24.0 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 20.718 ug/l

RT: 7.209 min Scan# 899

Delta R.T. -0.006 min

Lab File: VD070049.D

Acq: 13 Aug 2021 14:54

Tgt Ion:	96	Resp:	171271
Ion	Ratio	Lower	Upper
96	100		
61	140.7	0.0	288.2
98	63.1	0.0	129.6

Instrument :

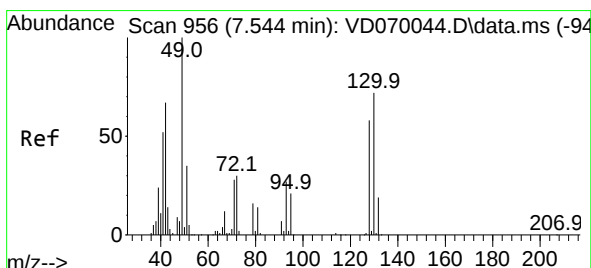
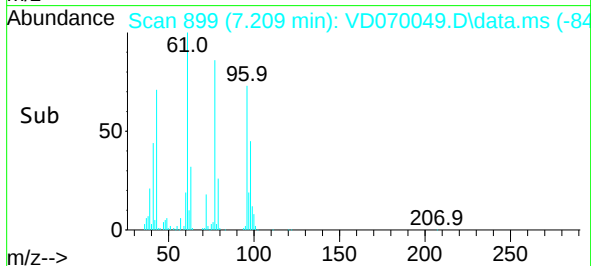
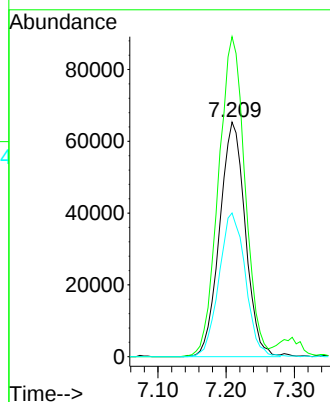
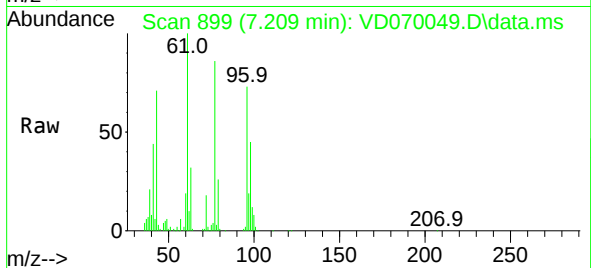
MSVOA_D

ClientSampleId :

VD0813SBS01

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#28

Bromochloromethane

Concen: 21.176 ug/l

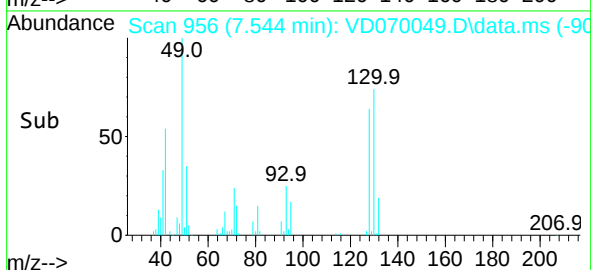
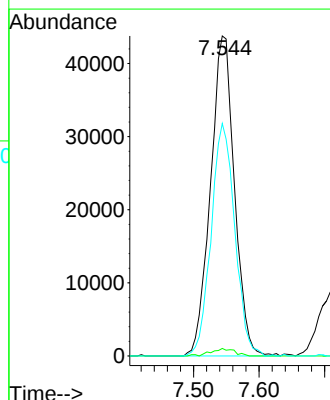
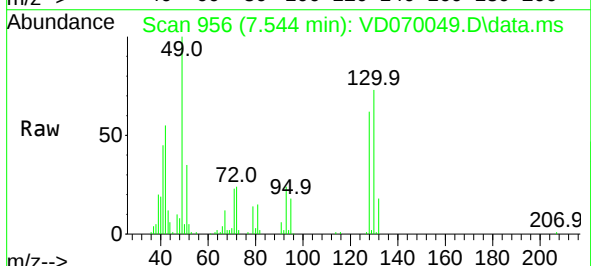
RT: 7.544 min Scan# 956

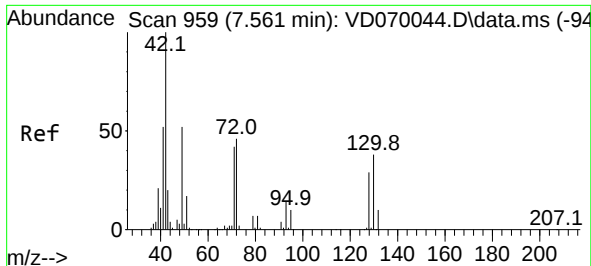
Delta R.T. 0.000 min

Lab File: VD070049.D

Acq: 13 Aug 2021 14:54

Tgt Ion:	49	Resp:	110877
Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.0
130	71.7	57.6	86.4





#29

Tetrahydrofuran

Concen: 100.181 ug/l

RT: 7.562 min Scan# 959

Delta R.T. 0.000 min

Lab File: VD070049.D

Acq: 13 Aug 2021 14:54

Tgt Ion:	42	Resp:	109552
Ion	Ratio	Lower	Upper
42	100		
72	43.1	37.5	56.3
71	42.7	33.6	50.4

Instrument :

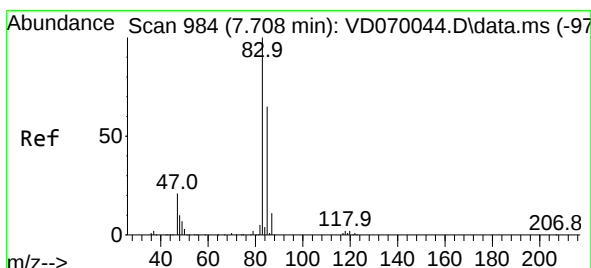
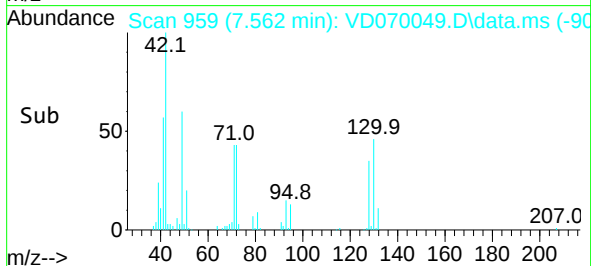
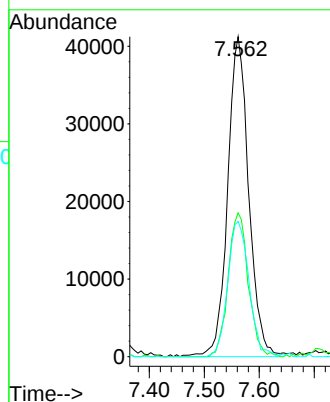
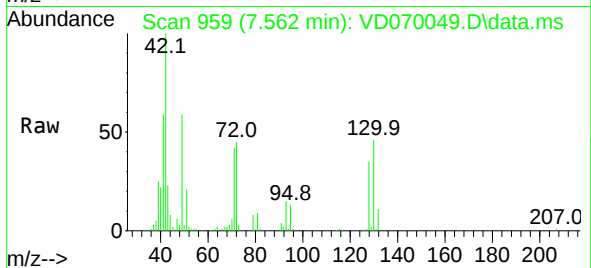
MSVOA_D

ClientSampleId :

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#30

Chloroform

Concen: 20.346 ug/l

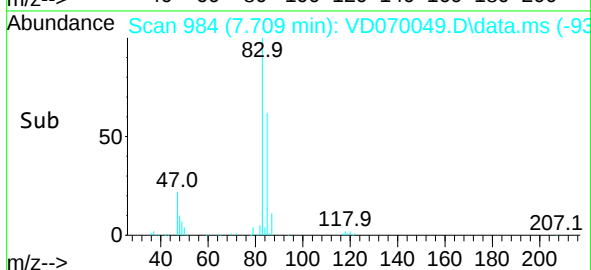
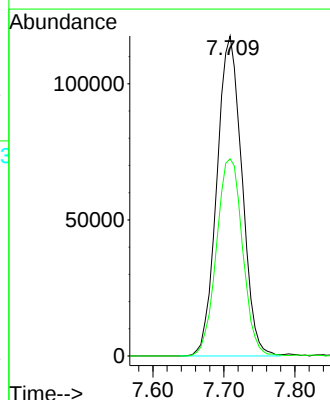
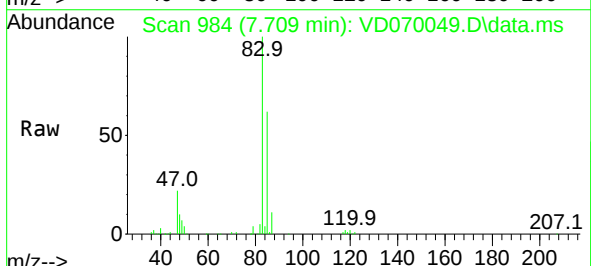
RT: 7.709 min Scan# 984

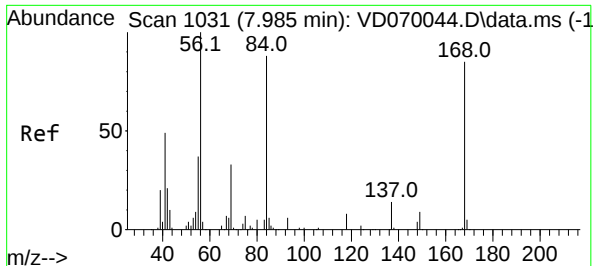
Delta R.T. 0.000 min

Lab File: VD070049.D

Acq: 13 Aug 2021 14:54

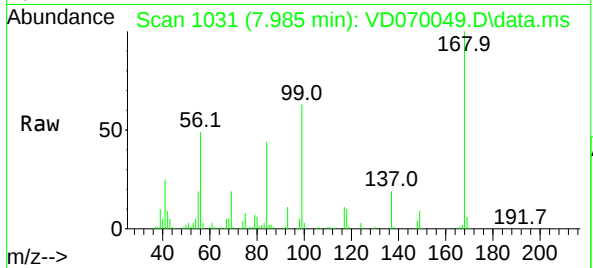
Tgt Ion:	83	Resp:	287906
Ion	Ratio	Lower	Upper
83	100		
85	61.6	51.8	77.8





#31
Cyclohexane
Concen: 20.248 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VD070049.D
Acq: 13 Aug 2021 14:54

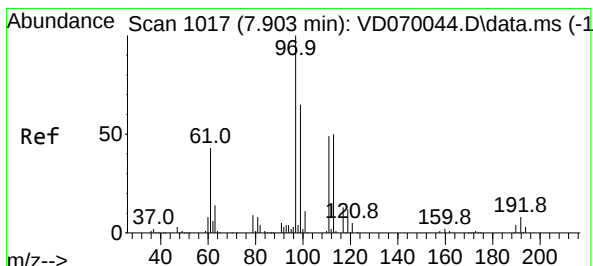
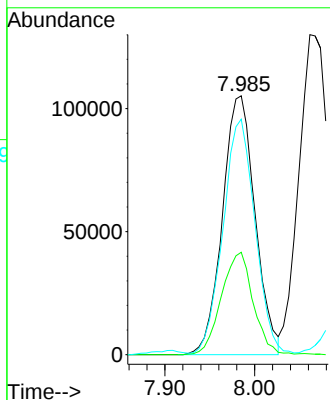
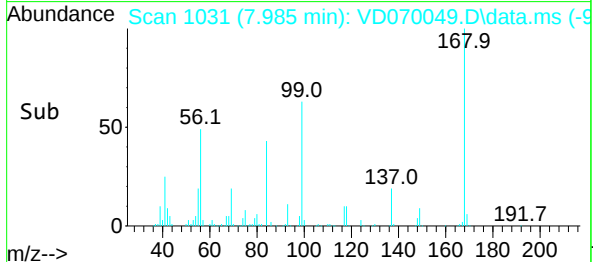
Instrument :
MSVOA_D
ClientSampleId :
VD0813SBS01



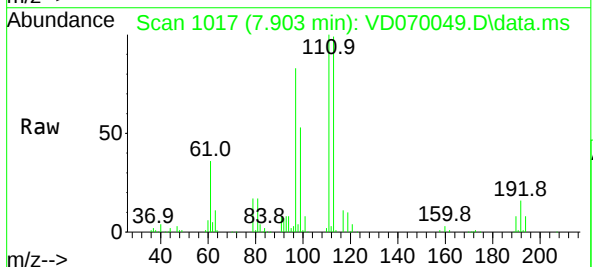
Tgt Ion: 56 Resp: 265889
Ion Ratio Lower Upper
56 100
69 39.5 26.7 40.1
84 89.9 70.4 105.6

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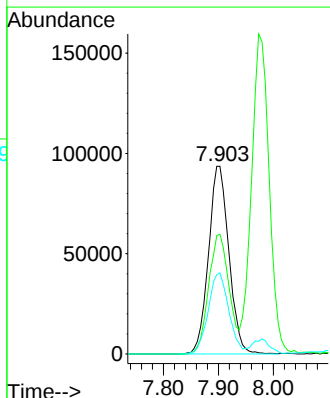
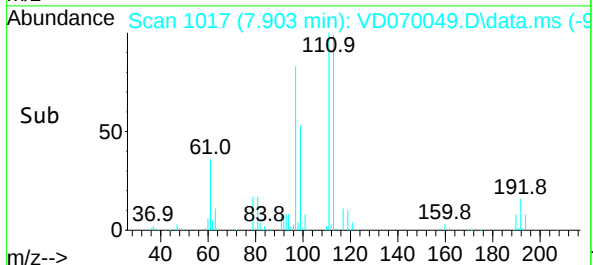
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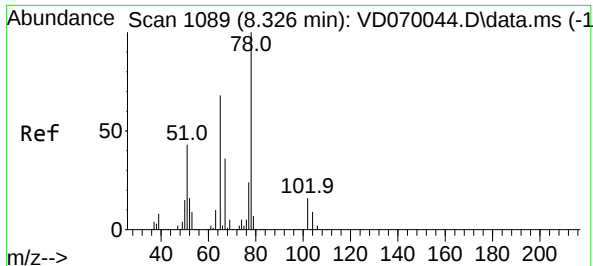


#32
1,1,1-Trichloroethane
Concen: 20.389 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. 0.000 min
Lab File: VD070049.D
Acq: 13 Aug 2021 14:54



Tgt Ion: 97 Resp: 241098
Ion Ratio Lower Upper
97 100
99 64.4 52.4 78.6
61 43.8 34.4 51.6





#33

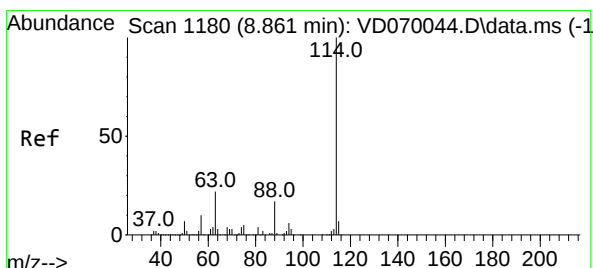
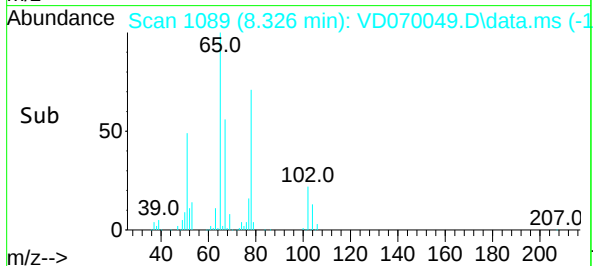
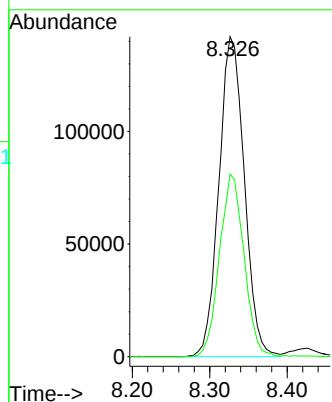
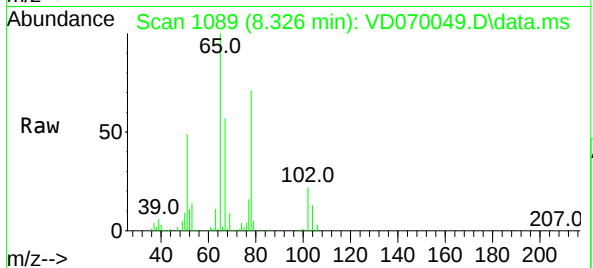
1,2-Dichloroethane-d4
Concen: 48.922 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070049.D
Acq: 13 Aug 2021 14:54

Tgt Ion: 65 Resp: 324569
Ion Ratio Lower Upper
65 100
67 55.4 0.0 107.8

Instrument :
MSVOA_D
ClientSampleId :
VD0813SBS01

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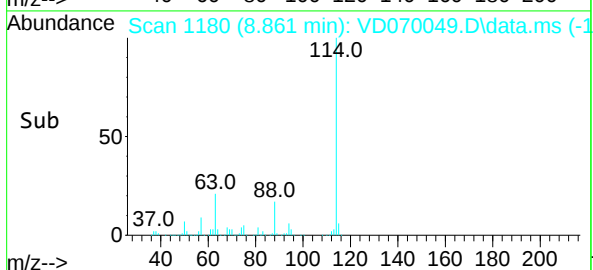
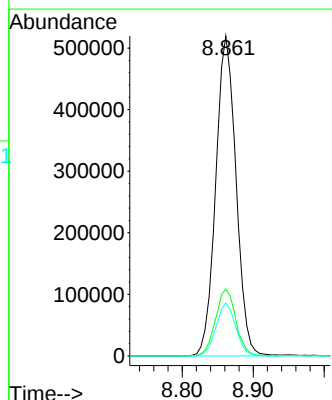
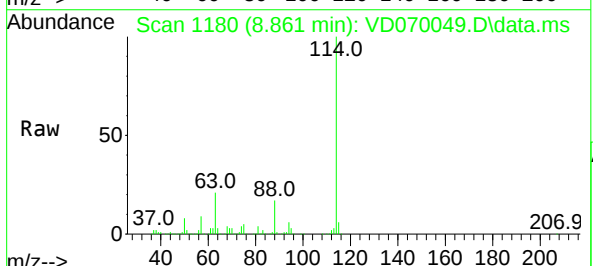
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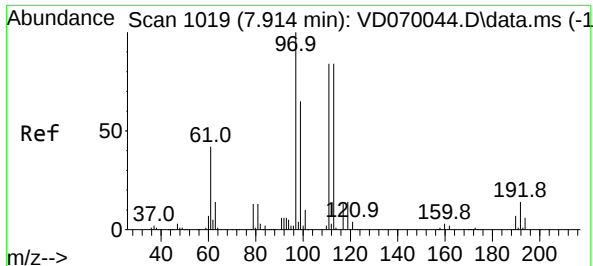


#34

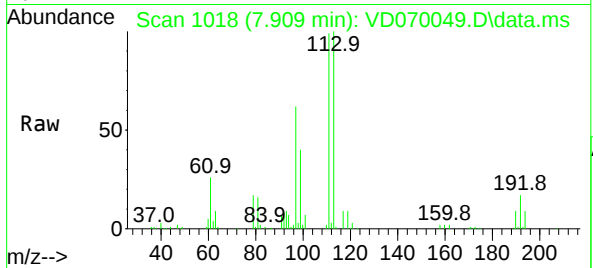
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070049.D
Acq: 13 Aug 2021 14:54

Tgt Ion: 114 Resp: 1028646
Ion Ratio Lower Upper
114 100
63 20.8 0.0 43.6
88 16.6 0.0 33.4

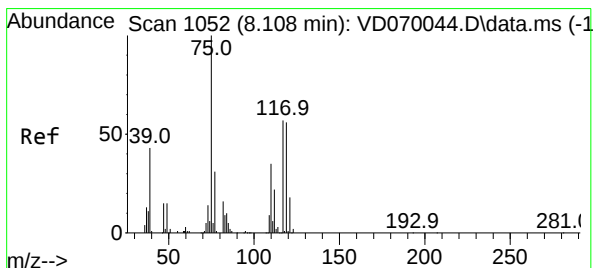
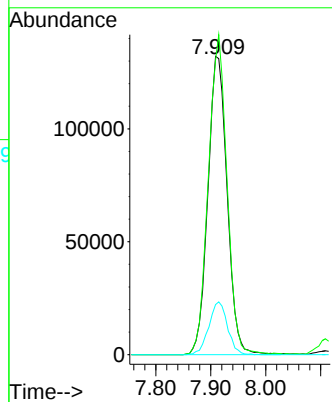
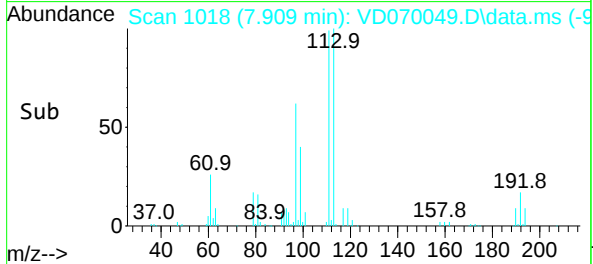




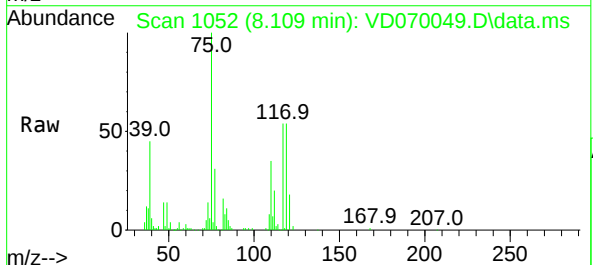
#35
Dibromofluoromethane
Concen: 48.388 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070049.D
Acq: 13 Aug 2021 14:54



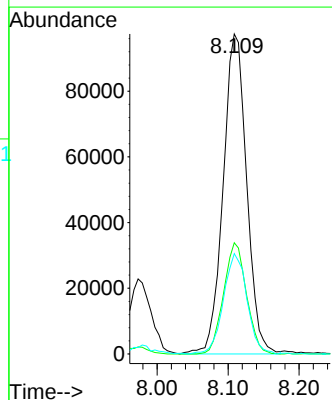
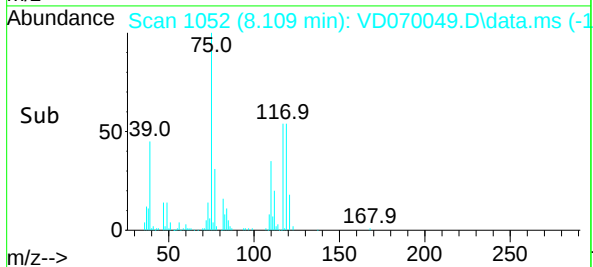
Tgt Ion:113 Resp: 321574
Ion Ratio Lower Upper
113 100
111 103.9 81.8 122.6
192 17.2 13.2 19.8



#36
1,1-Dichloropropene
Concen: 20.213 ug/l
RT: 8.109 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VD070049.D
Acq: 13 Aug 2021 14:54



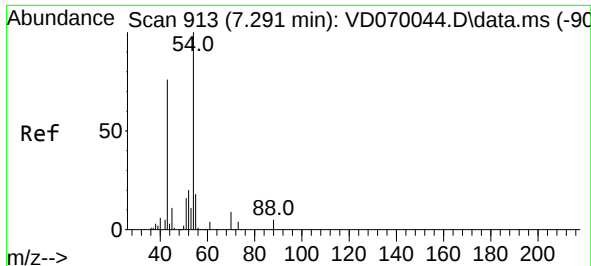
Tgt Ion: 75 Resp: 223676
Ion Ratio Lower Upper
75 100
110 33.8 16.9 50.7
77 31.4 25.2 37.8



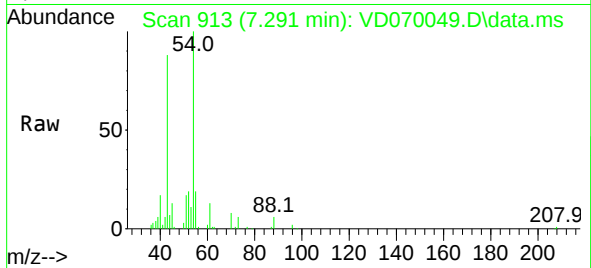
Instrument :
MSVOA_D
ClientSampleId :
VD0813SBS01

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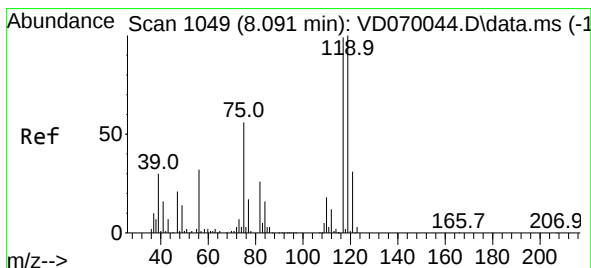
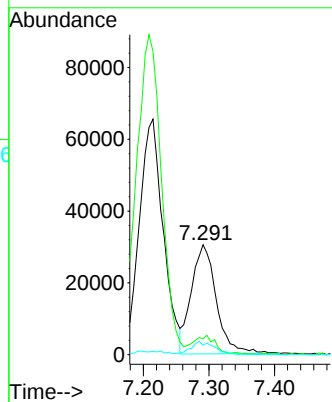
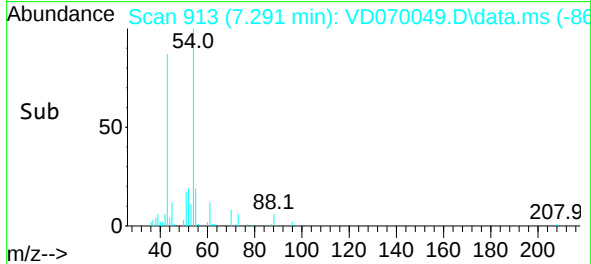
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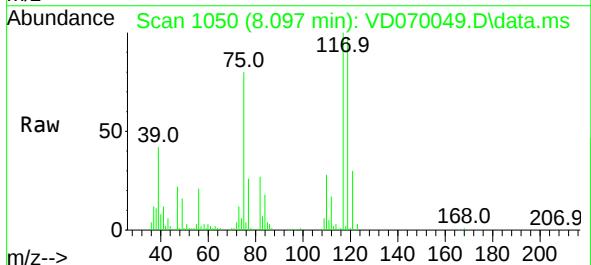
#37
Ethyl Acetate
Concen: 20.042 ug/l
RT: 7.291 min Scan# 913
Delta R.T. 0.000 min
Lab File: VD070049.D
Acq: 13 Aug 2021 14:54



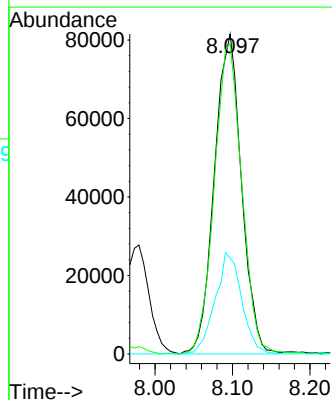
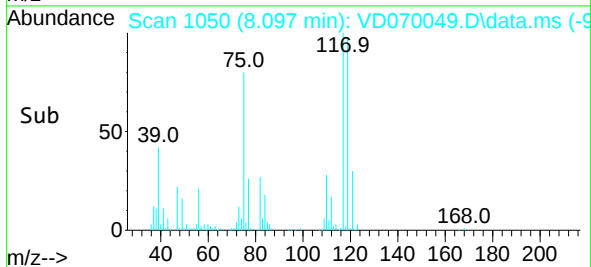
Tgt Ion: 43 Resp: 80560
Ion Ratio Lower Upper
43 100
61 13.0 11.8 17.6
70 11.3 9.0 13.6



#38
Carbon Tetrachloride
Concen: 19.749 ug/l
RT: 8.097 min Scan# 1050
Delta R.T. 0.006 min
Lab File: VD070049.D
Acq: 13 Aug 2021 14:54



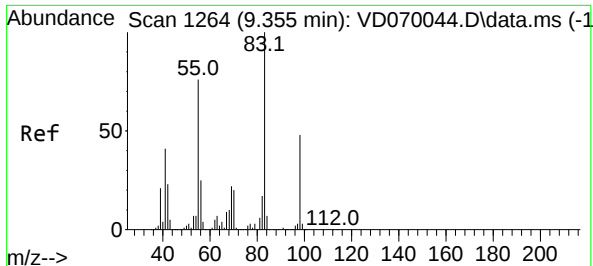
Tgt Ion: 117 Resp: 198402
Ion Ratio Lower Upper
117 100
119 97.0 81.0 121.6
121 29.9 25.0 37.6



Instrument :
MSVOA_D
ClientSampleId :
VD0813SBS01

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#39

Methylcyclohexane

Concen: 19.870 ug/l

RT: 9.356 min Scan# 1264

Delta R.T. 0.000 min

Lab File: VD070049.D

Acq: 13 Aug 2021 14:54

Tgt Ion:	83	Resp:	256013
Ion	Ratio	Lower	Upper
83	100		
55	79.5	60.7	91.1
98	46.9	38.6	58.0

Instrument :

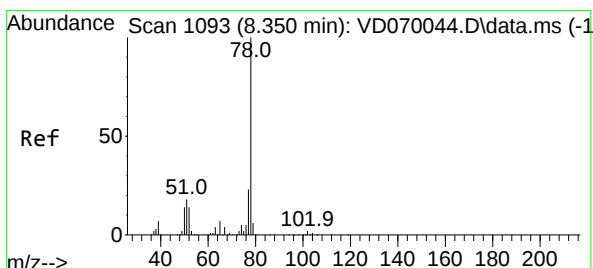
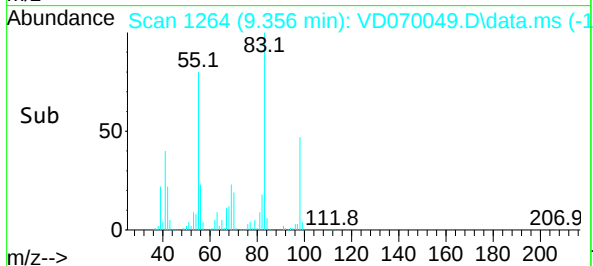
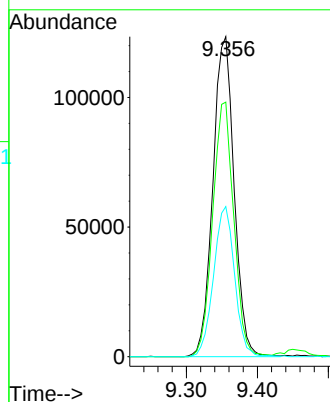
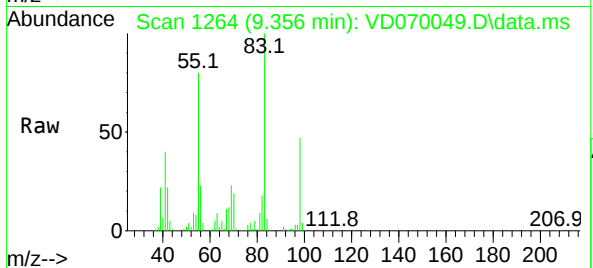
MSVOA_D

ClientSampleId :

VD0813SBS01

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#40

Benzene

Concen: 20.291 ug/l

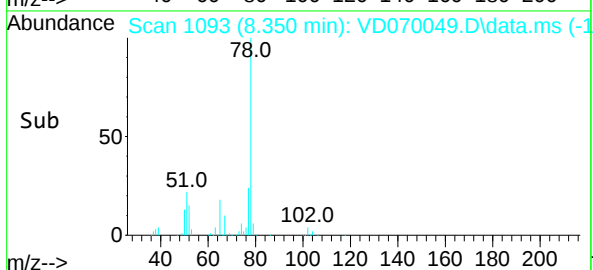
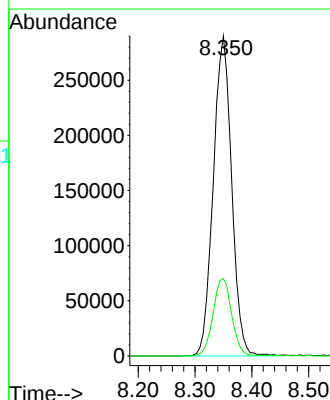
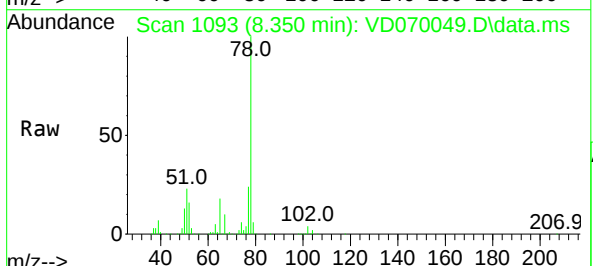
RT: 8.350 min Scan# 1093

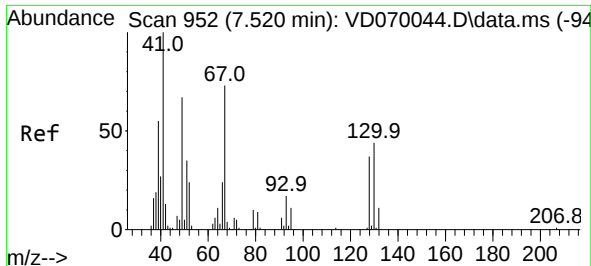
Delta R.T. 0.000 min

Lab File: VD070049.D

Acq: 13 Aug 2021 14:54

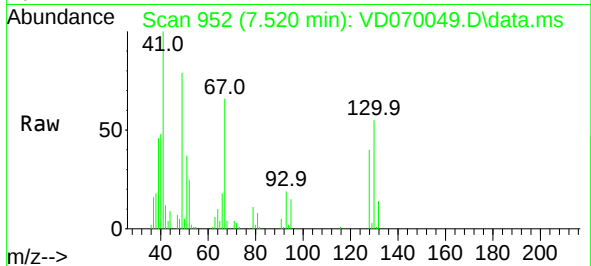
Tgt Ion:	78	Resp:	651278
Ion	Ratio	Lower	Upper
78	100		
77	24.2	18.6	27.8





#41
Methacrylonitrile
Concen: 17.782 ug/l
RT: 7.520 min Scan# 952
Delta R.T. 0.000 min
Lab File: VD070049.D
Acq: 13 Aug 2021 14:54

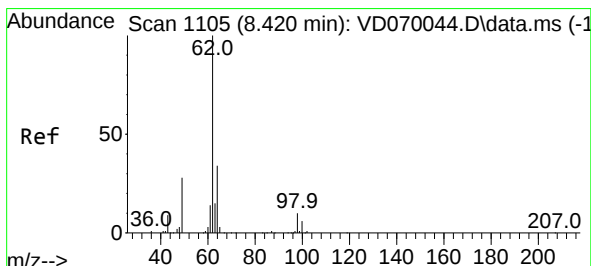
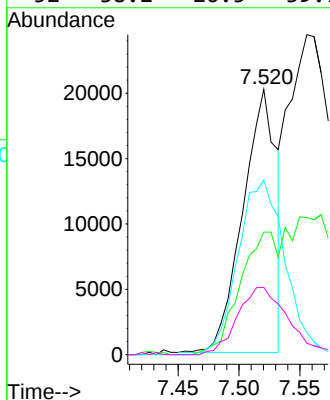
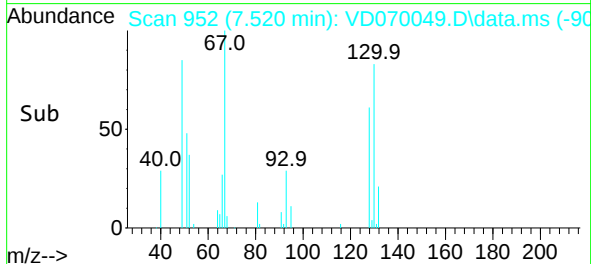
Instrument :
MSVOA_D
ClientSampleId :
VD0813SBS01



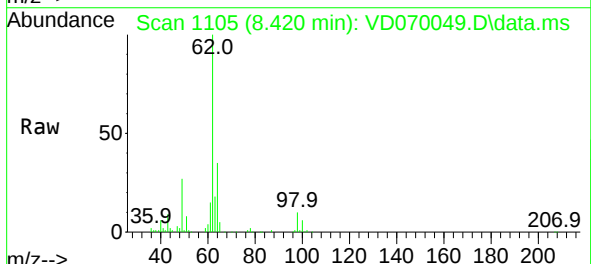
Tgt Ion:	41	Resp:	38643
Ion Ratio	100	Lower	Upper
39	52.7	47.7	71.5
67	93.2	68.2	102.2
52	38.2	26.5	39.7

Manual Integrations
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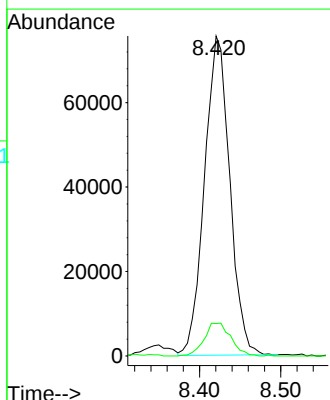
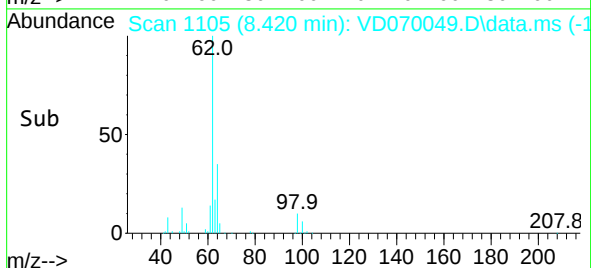
MMDadoda
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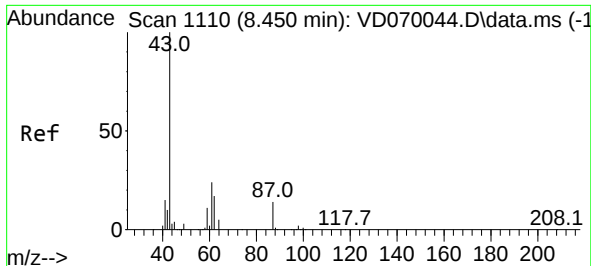


#42
1,2-Dichloroethane
Concen: 19.862 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD070049.D
Acq: 13 Aug 2021 14:54



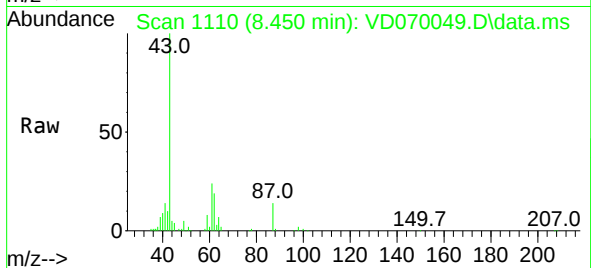
Tgt Ion:	62	Resp:	163383
Ion Ratio	100	Lower	Upper
98	10.9	0.0	20.2





#43
Isopropyl Acetate
Concen: 19.886 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VD070049.D
Acq: 13 Aug 2021 14:54

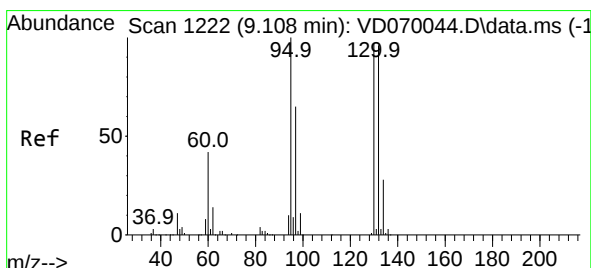
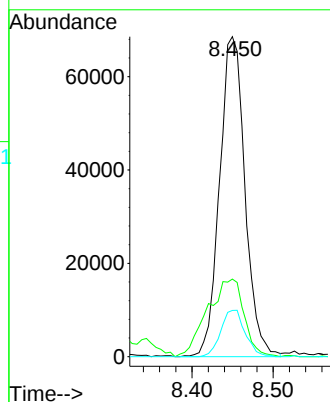
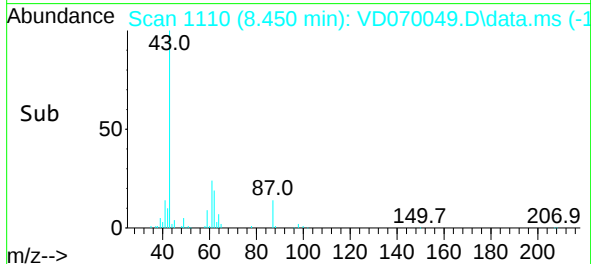
Instrument :
MSVOA_D
ClientSampleId :
VD0813SBS01



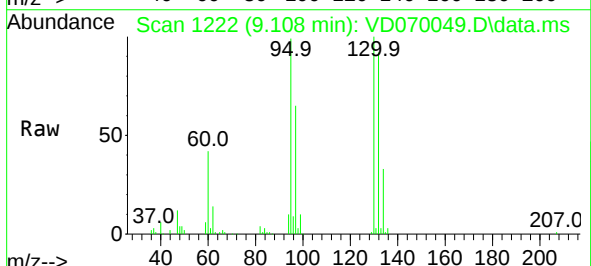
Tgt Ion: 43 Resp: 149229
Ion Ratio Lower Upper
43 100
61 34.8 27.7 41.5
87 13.9 11.5 17.3

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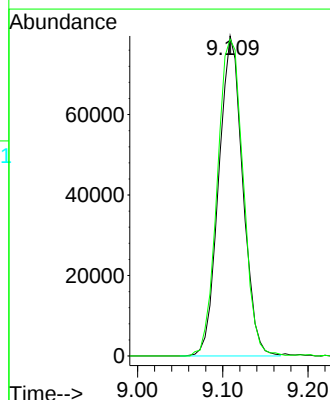
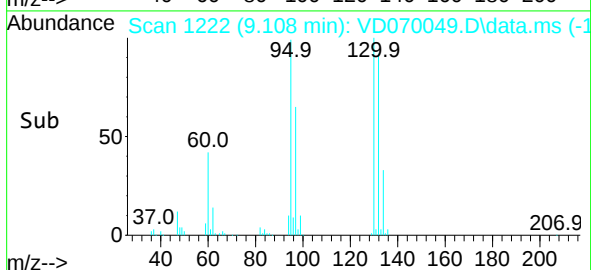
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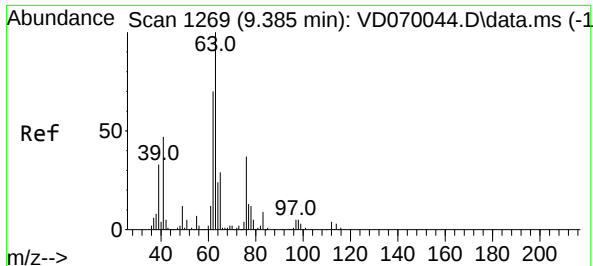


#44
Trichloroethene
Concen: 20.089 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD070049.D
Acq: 13 Aug 2021 14:54



Tgt Ion:130 Resp: 155766
Ion Ratio Lower Upper
130 100
95 99.0 0.0 206.4





#45

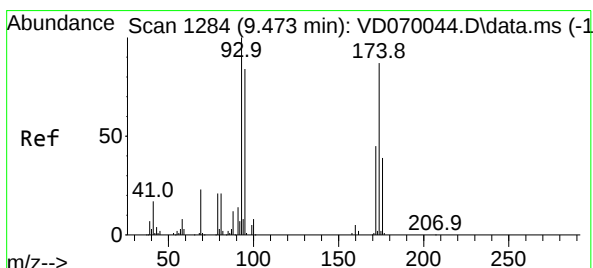
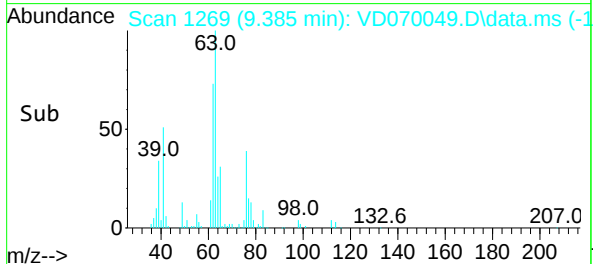
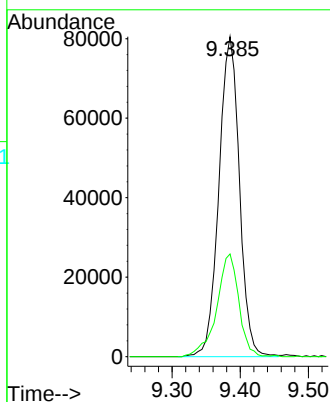
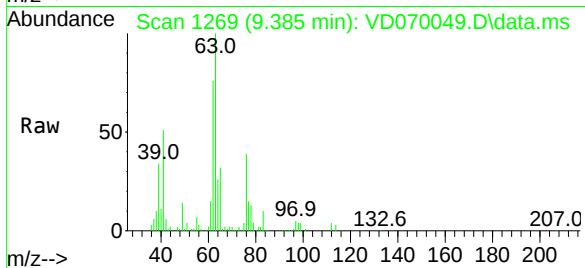
1,2-Dichloropropane
Concen: 20.217 ug/l
RT: 9.385 min Scan# 1269
Delta R.T. 0.000 min
Lab File: VD070049.D
Acq: 13 Aug 2021 14:54

Tgt Ion: 63 Resp: 168551
Ion Ratio Lower Upper
63 100
65 32.1 23.4 35.0

Instrument :
MSVOA_D
ClientSampleId :
VD0813SBS01

Manual Integrations
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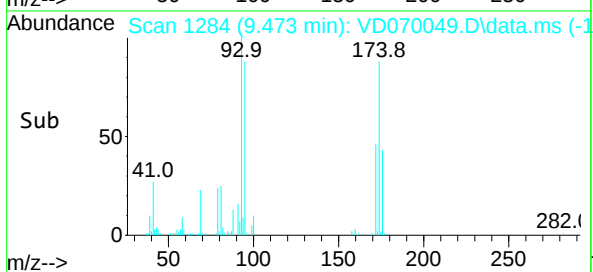
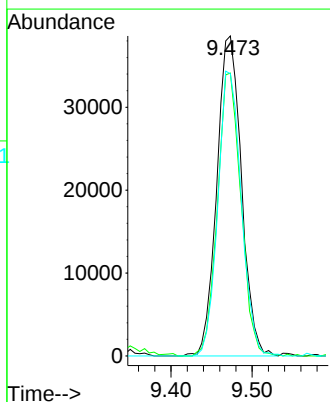
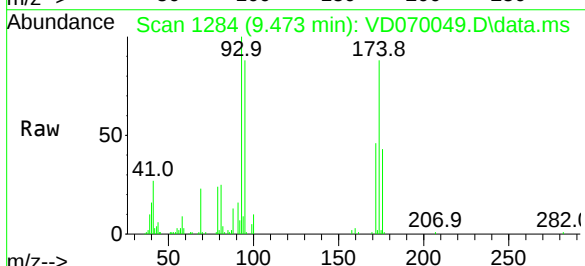
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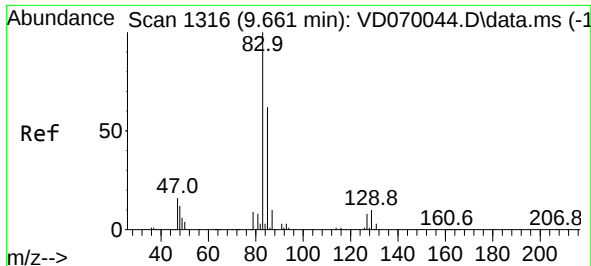


#46

Dibromomethane
Concen: 20.064 ug/l
RT: 9.473 min Scan# 1284
Delta R.T. 0.000 min
Lab File: VD070049.D
Acq: 13 Aug 2021 14:54

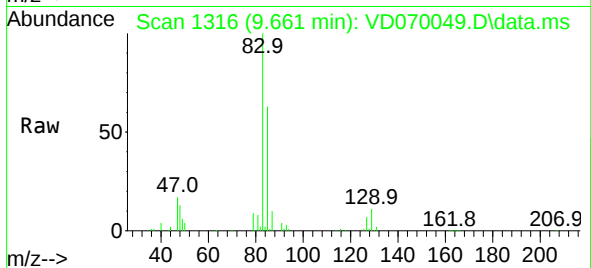
Tgt Ion: 93 Resp: 81247
Ion Ratio Lower Upper
93 100
95 84.2 68.1 102.1
174 84.8 68.2 102.4





#47
Bromodichloromethane
Concen: 20.452 ug/l
RT: 9.661 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VD070049.D
Acq: 13 Aug 2021 14:54

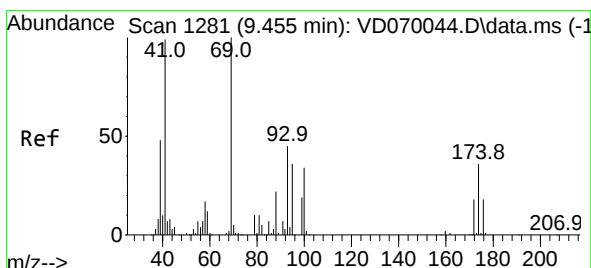
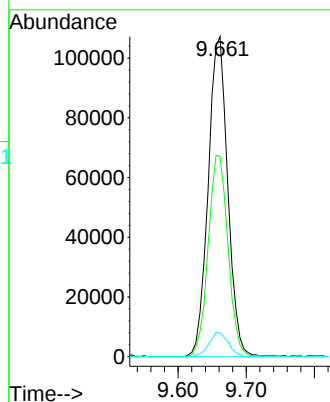
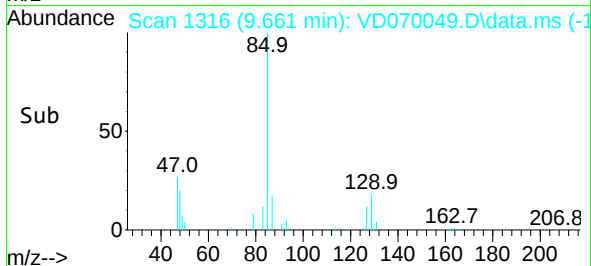
Instrument :
MSVOA_D
ClientSampleId :
VD0813SBS01



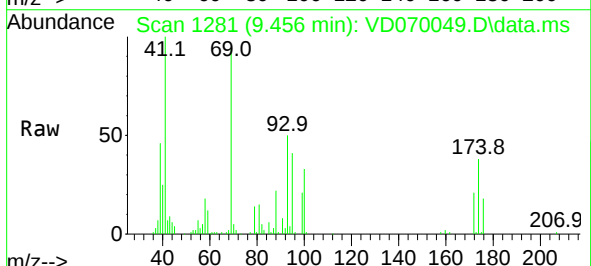
Tgt Ion: 83 Resp: 214272
Ion Ratio Lower Upper
83 100
85 62.7 49.6 74.4
127 7.5 6.8 10.2

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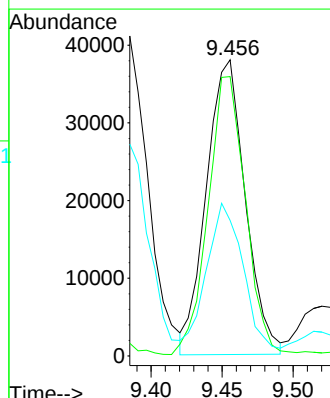
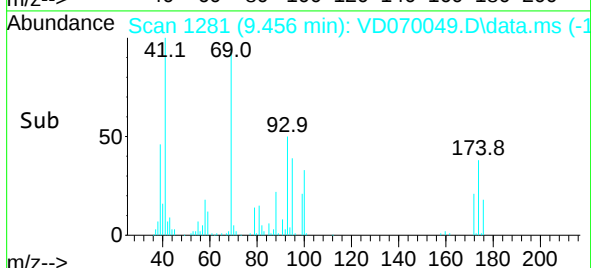
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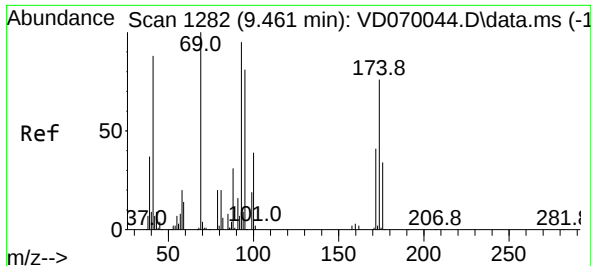


#48
Methyl methacrylate
Concen: 20.235 ug/l
RT: 9.456 min Scan# 1281
Delta R.T. 0.000 min
Lab File: VD070049.D
Acq: 13 Aug 2021 14:54



Tgt Ion: 41 Resp: 72410
Ion Ratio Lower Upper
41 100
69 90.3 74.6 111.8
39 44.5 35.9 53.9





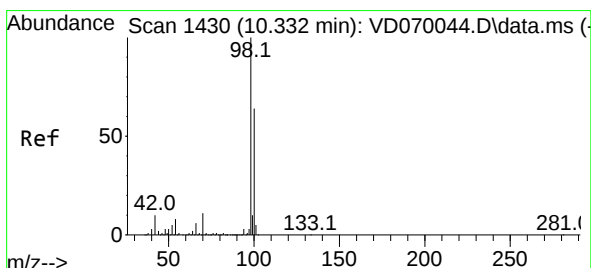
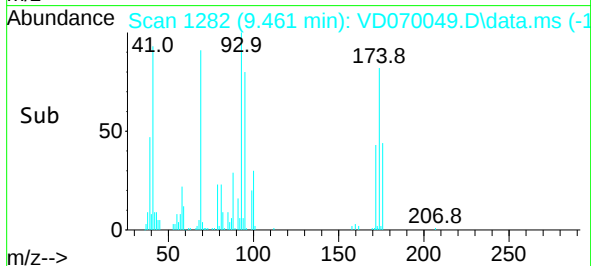
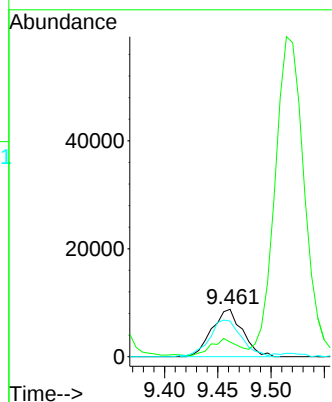
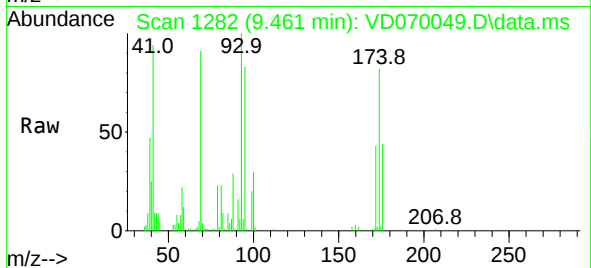
#49
1,4-Dioxane
Concen: 395.766 ug/l
RT: 9.461 min Scan# 1282
Delta R.T. 0.000 min
Lab File: VD070049.D
Acq: 13 Aug 2021 14:54

Tgt Ion: 88 Resp: 17441
Ion Ratio Lower Upper
88 100
43 33.1 25.8 38.6
58 81.1 57.4 86.2

Instrument :
MSVOA_D
ClientSampleId :
VD0813SBS01

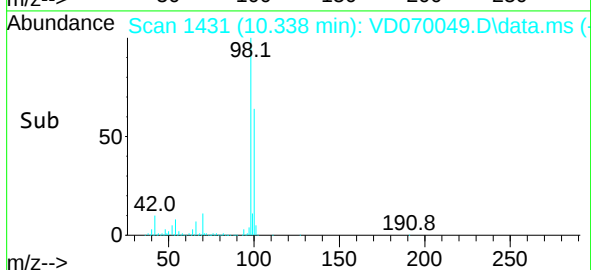
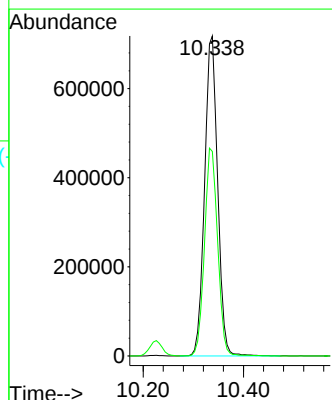
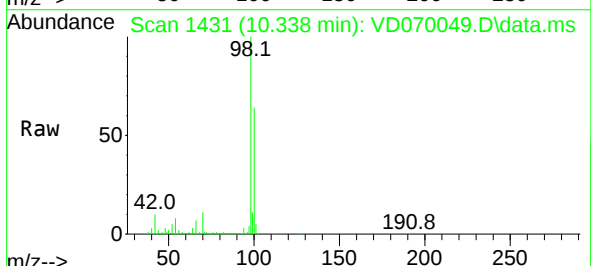
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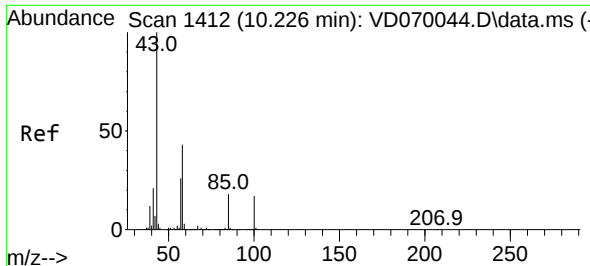
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#50
Toluene-d8
Concen: 50.208 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070049.D
Acq: 13 Aug 2021 14:54

Tgt Ion: 98 Resp: 1297785
Ion Ratio Lower Upper
98 100
100 65.6 52.6 78.8





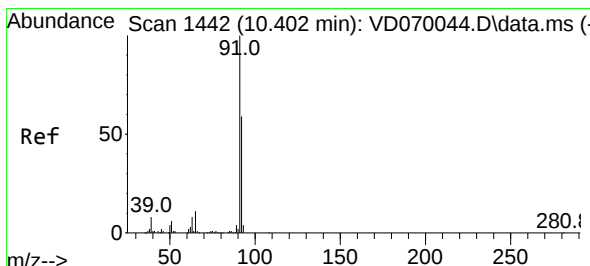
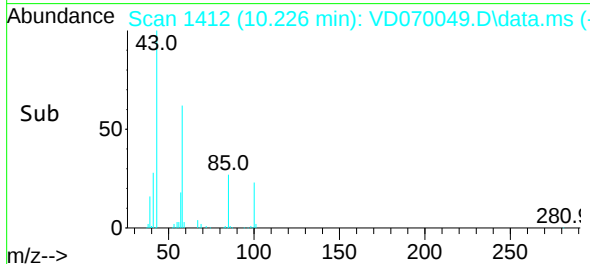
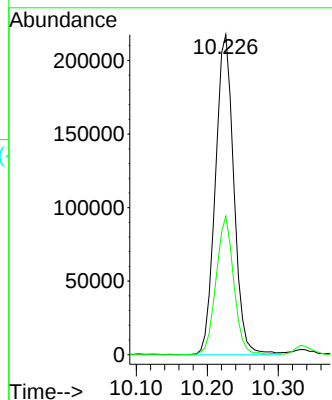
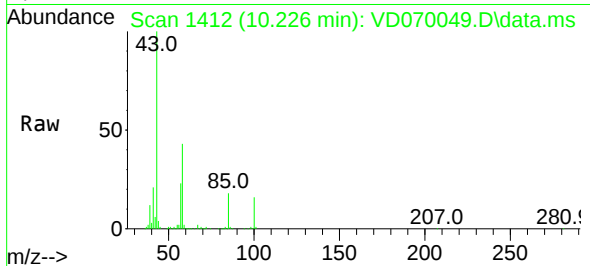
#51
4-Methyl-2-Pentanone
Concen: 100.354 ug/l
RT: 10.226 min Scan# 1412
Delta R.T. 0.000 min
Lab File: VD070049.D
Acq: 13 Aug 2021 14:54

Tgt Ion: 43 Resp: 391568
Ion Ratio Lower Upper
43 100
58 41.3 33.9 50.9

Instrument :
MSVOA_D
ClientSampleId :
VD0813SBS01

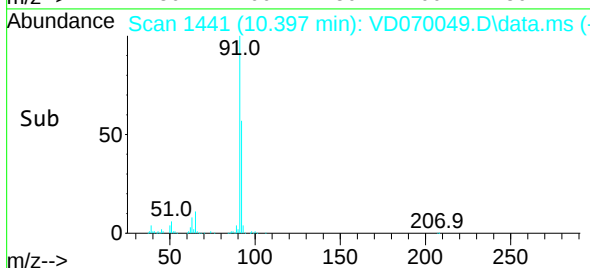
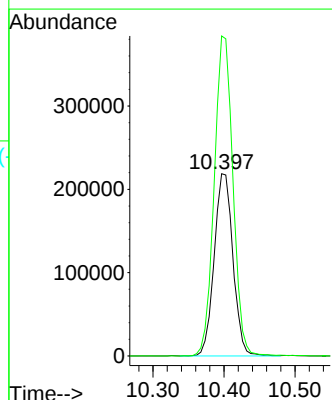
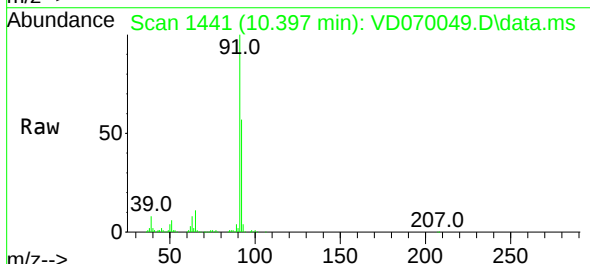
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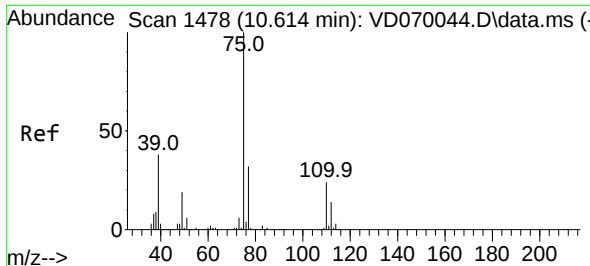
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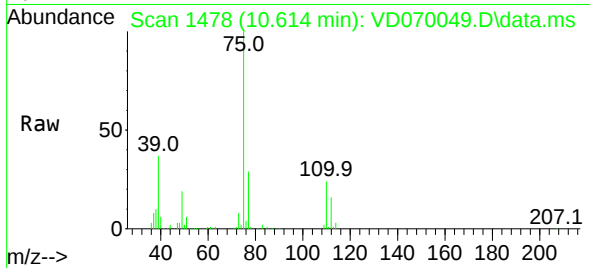
#52
Toluene
Concen: 20.487 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. -0.006 min
Lab File: VD070049.D
Acq: 13 Aug 2021 14:54

Tgt Ion: 92 Resp: 400248
Ion Ratio Lower Upper
92 100
91 175.7 137.2 205.8

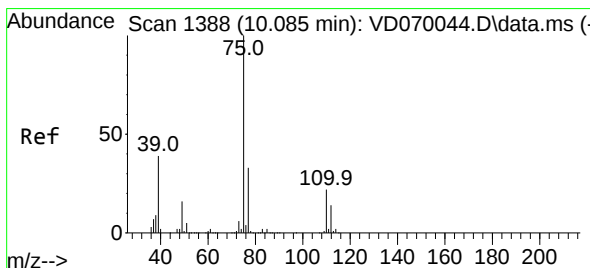
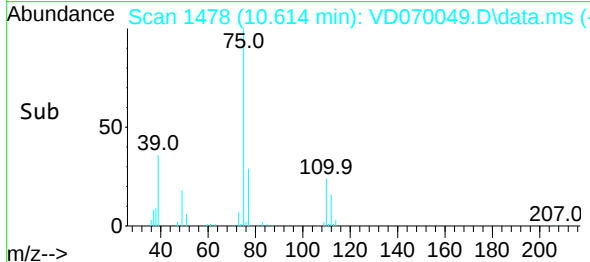
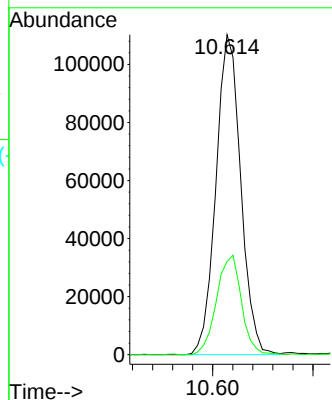




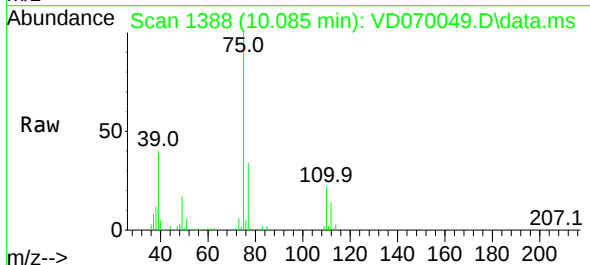
#53
 t-1,3-Dichloropropene
 Concen: 20.369 ug/l
 RT: 10.614 min Scan# 1478
 Delta R.T. 0.000 min
 Lab File: VD070049.D
 Acq: 13 Aug 2021 14:54



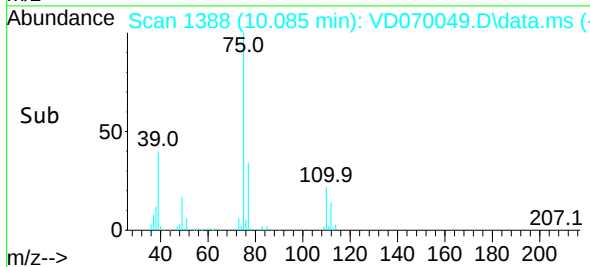
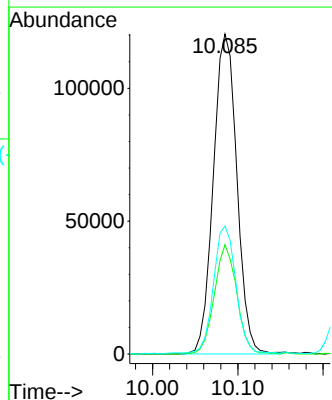
Tgt Ion: 75 Resp: 189024
 Ion Ratio Lower Upper
 75 100
 77 29.2 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 20.511 ug/l
 RT: 10.085 min Scan# 1388
 Delta R.T. 0.000 min
 Lab File: VD070049.D
 Acq: 13 Aug 2021 14:54



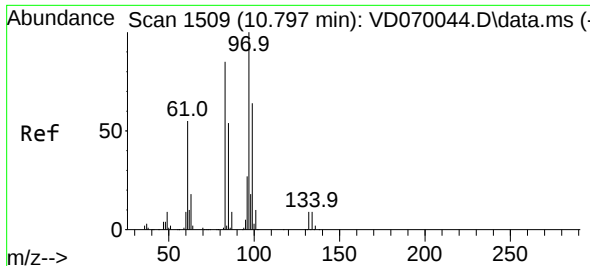
Tgt Ion: 75 Resp: 231024
 Ion Ratio Lower Upper
 75 100
 77 34.2 26.3 39.5
 39 39.8 31.4 47.2



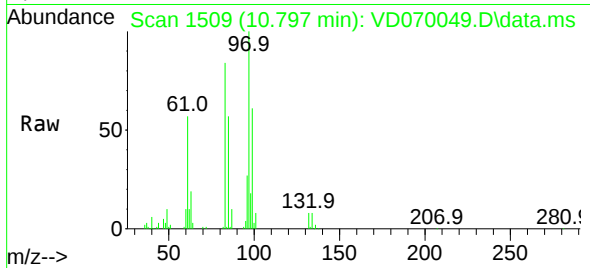
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0813SBS01

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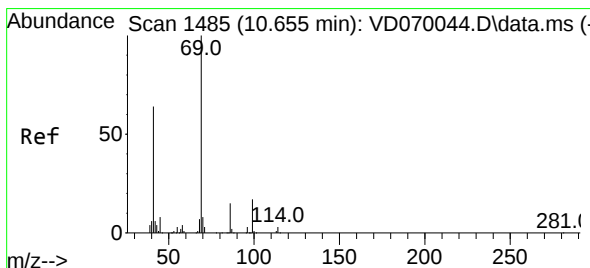
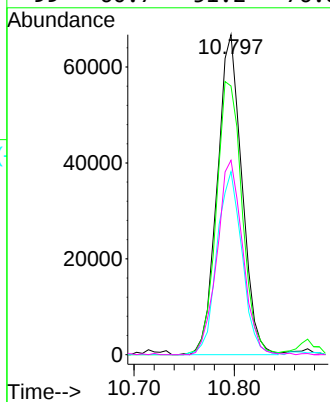
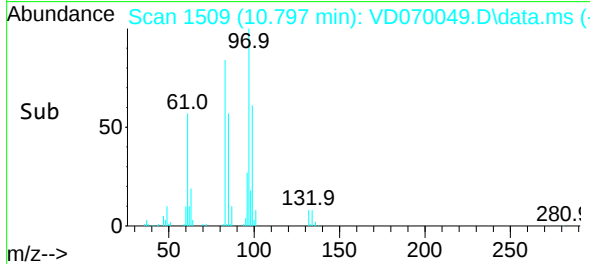
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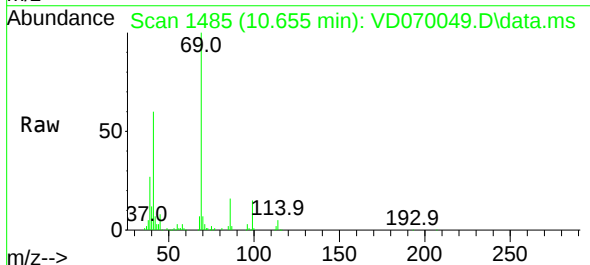
#55
1,1,2-Trichloroethane
Concen: 19.869 ug/l
RT: 10.797 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VD070049.D
Acq: 13 Aug 2021 14:54



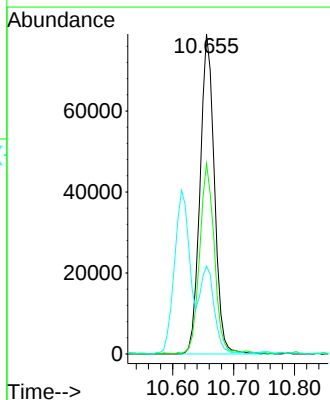
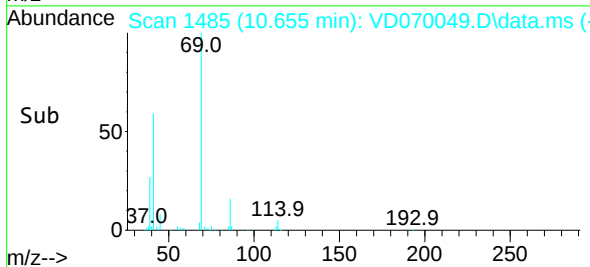
Tgt Ion:	97	Resp:	113999
Ion	Ratio	Lower	Upper
97	100		
83	84.0	67.8	101.6
85	57.2	43.4	65.0
99	60.7	51.2	76.8



#56
Ethyl methacrylate
Concen: 19.832 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD070049.D
Acq: 13 Aug 2021 14:54



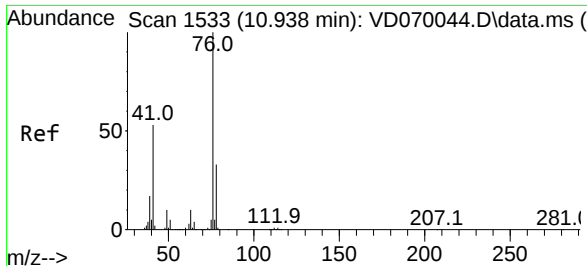
Tgt Ion:	69	Resp:	129487
Ion	Ratio	Lower	Upper
69	100		
41	61.0	48.9	73.3
39	27.3	21.6	32.4



Instrument :
MSVOA_D
ClientSampleId :
VD0813SBS01

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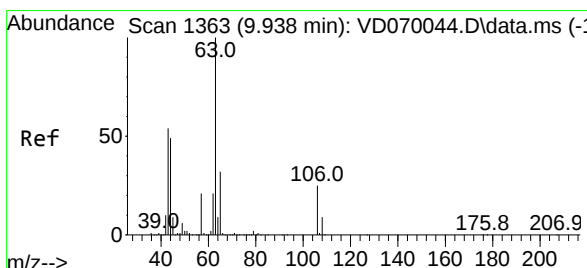
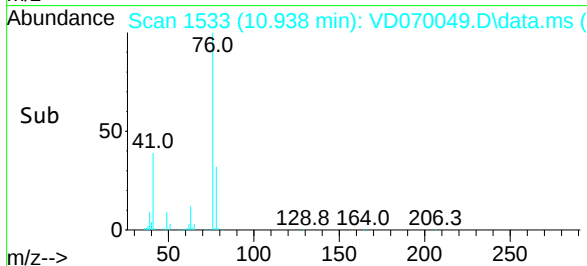
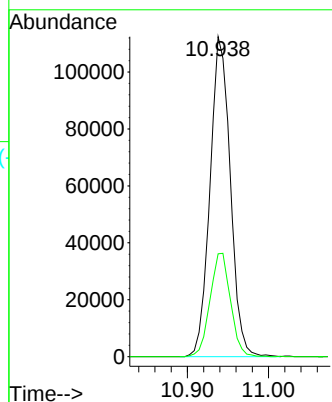
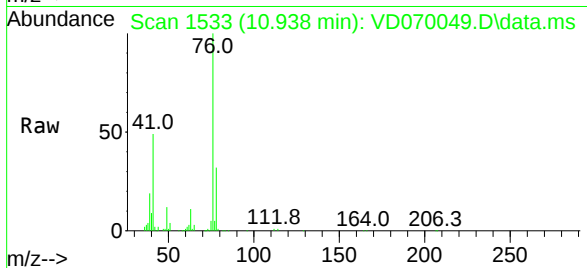
#57
1,3-Dichloropropane
Concen: 19.645 ug/l
RT: 10.938 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VD070049.D
Acq: 13 Aug 2021 14:54

Tgt Ion: 76 Resp: 195125
Ion Ratio Lower Upper
76 100
78 32.6 25.9 38.9

Instrument :
MSVOA_D
ClientSampleId :
VD0813SBS01

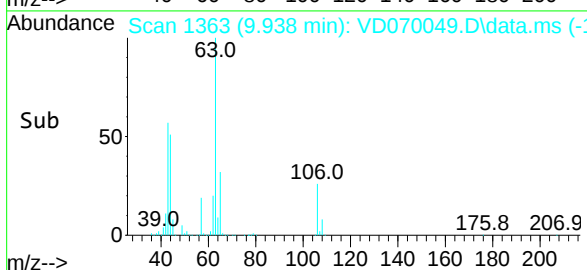
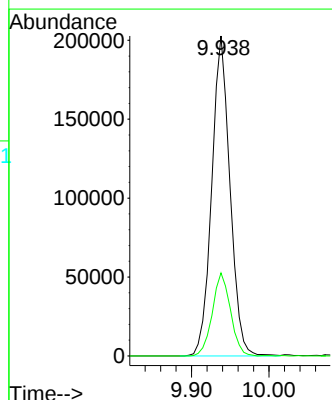
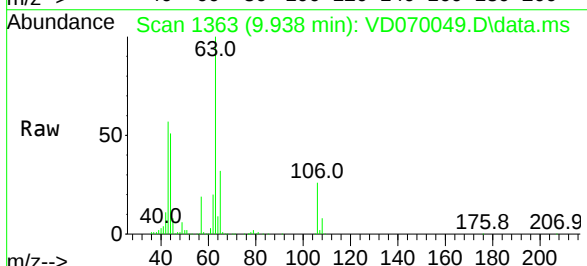
Manual Integrations
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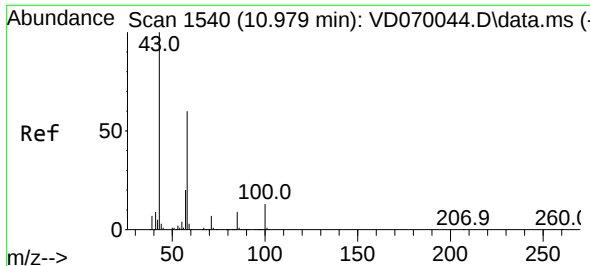
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#58
2-Chloroethyl Vinyl ether
Concen: 96.247 ug/l
RT: 9.938 min Scan# 1363
Delta R.T. 0.000 min
Lab File: VD070049.D
Acq: 13 Aug 2021 14:54

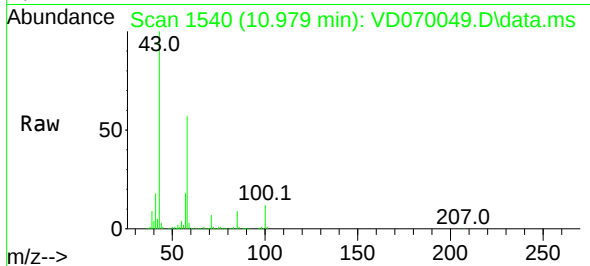
Tgt Ion: 63 Resp: 331445
Ion Ratio Lower Upper
63 100
106 25.8 21.2 31.8





#59
2-Hexanone
Concen: 97.768 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VD070049.D
Acq: 13 Aug 2021 14:54

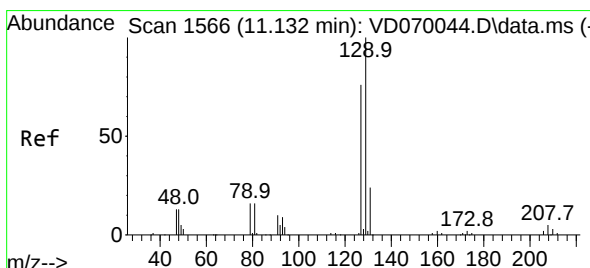
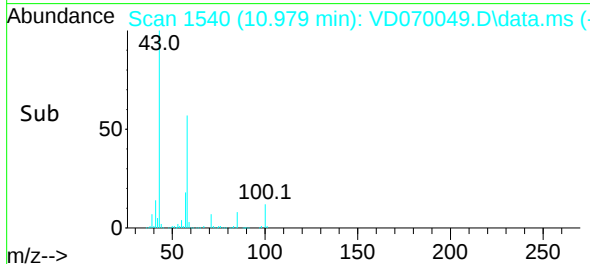
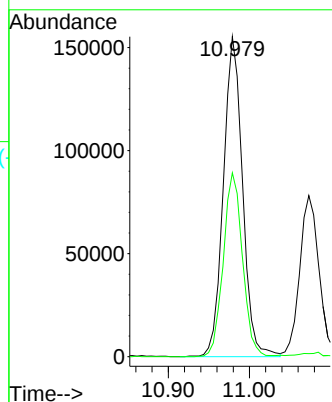
Instrument :
MSVOA_D
ClientSampleId :
VD0813SBS01



Tgt Ion: 43 Resp: 255476
Ion Ratio Lower Upper
43 100
58 57.3 29.5 88.5

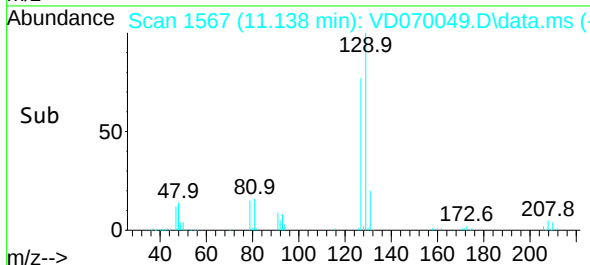
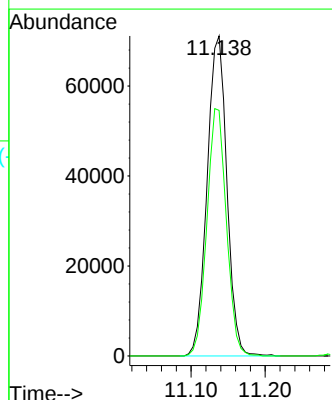
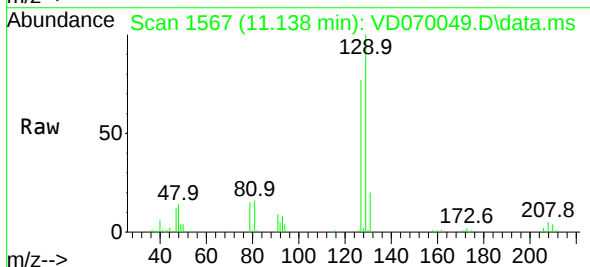
Manual Integrations
APPROVED

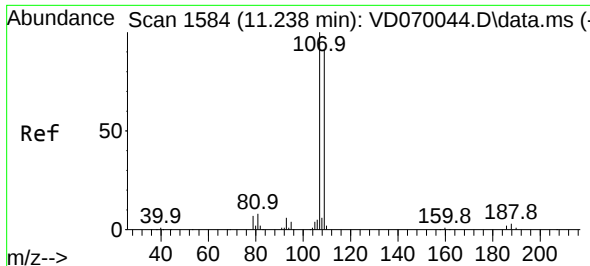
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#60
Dibromochloromethane
Concen: 20.020 ug/l
RT: 11.138 min Scan# 1567
Delta R.T. 0.006 min
Lab File: VD070049.D
Acq: 13 Aug 2021 14:54

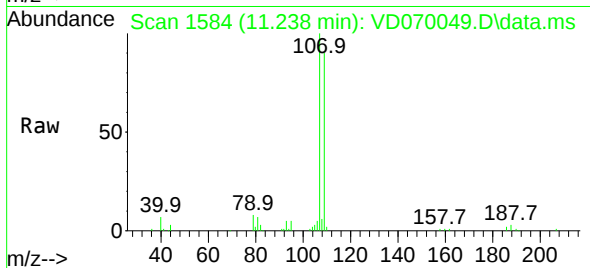
Tgt Ion: 129 Resp: 131585
Ion Ratio Lower Upper
129 100
127 76.2 39.4 118.2





#61
1,2-Dibromoethane
Concen: 20.467 ug/l
RT: 11.238 min Scan# 1584
Delta R.T. 0.000 min
Lab File: VD070049.D
Acq: 13 Aug 2021 14:54

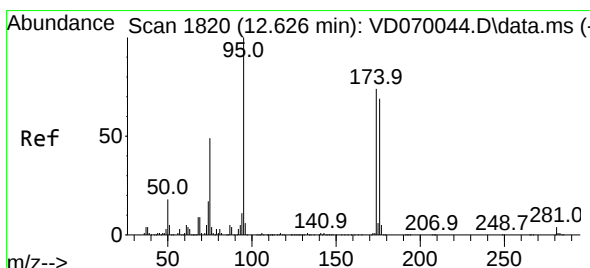
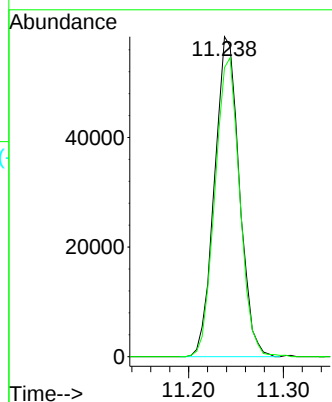
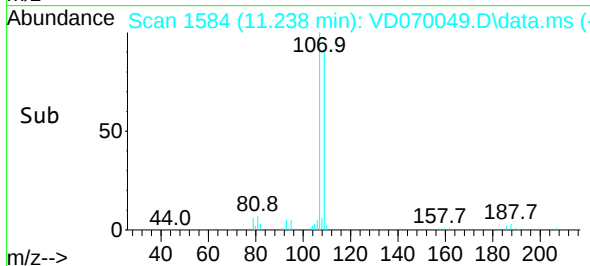
Instrument :
MSVOA_D
ClientSampleId :
VD0813SBS01



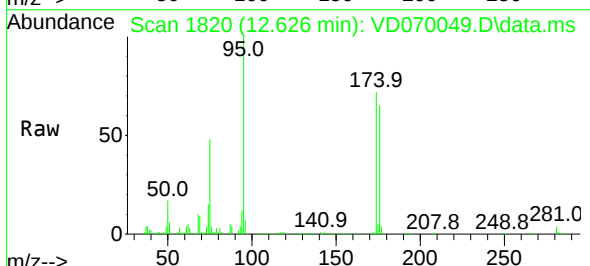
Tgt Ion:107 Resp: 106311
Ion Ratio Lower Upper
107 100
109 93.1 74.6 112.0

Manual Integrations
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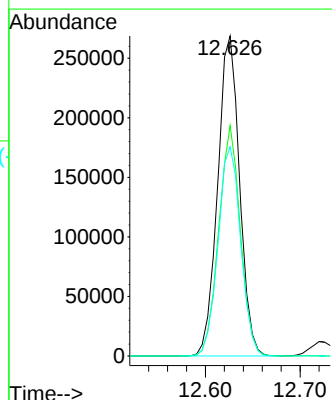
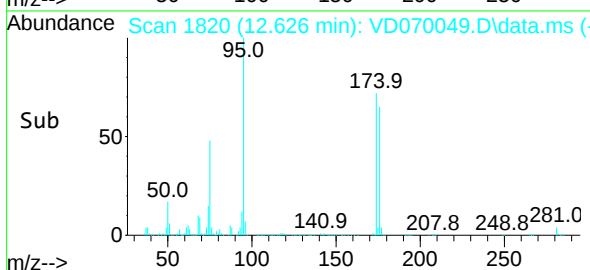
MMDadoda
8/16/2021 5:05:01 PM

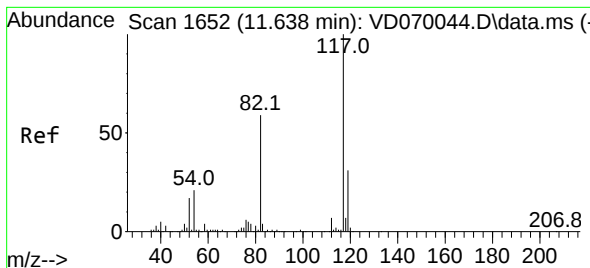


#62
4-Bromofluorobenzene
Concen: 50.685 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070049.D
Acq: 13 Aug 2021 14:54



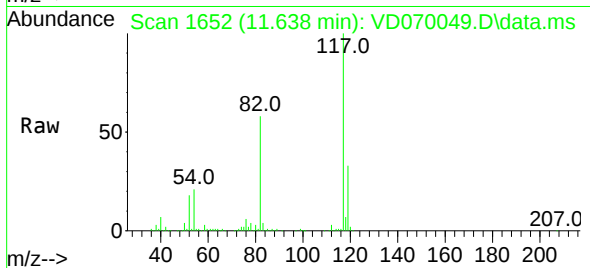
Tgt Ion: 95 Resp: 431515
Ion Ratio Lower Upper
95 100
174 71.0 0.0 141.6
176 67.5 0.0 138.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070049.D
Acq: 13 Aug 2021 14:54

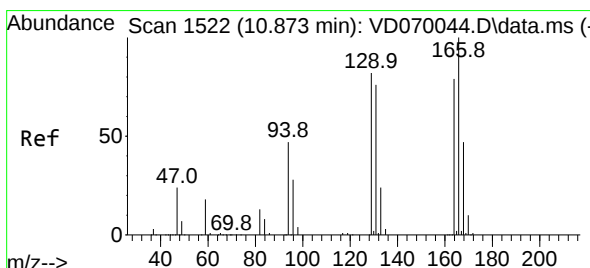
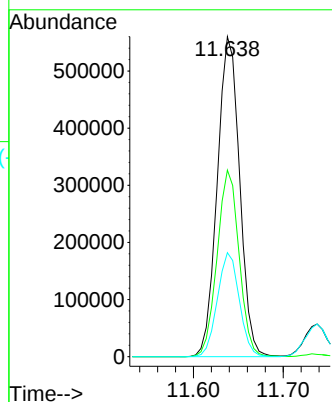
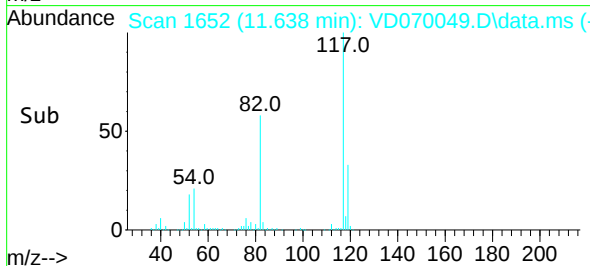
Instrument :
MSVOA_D
ClientSampleId :
VD0813SBS01



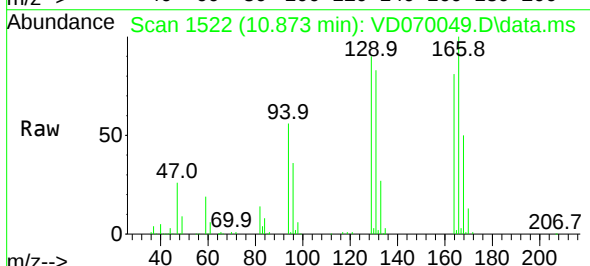
Tgt Ion:117 Resp: 970393
Ion Ratio Lower Upper
117 100
82 58.3 47.5 71.3
119 32.5 25.1 37.7

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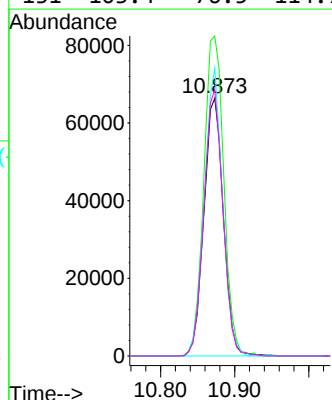
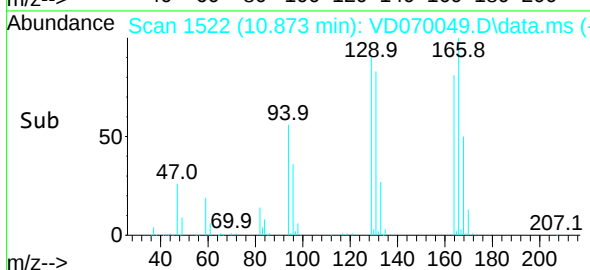
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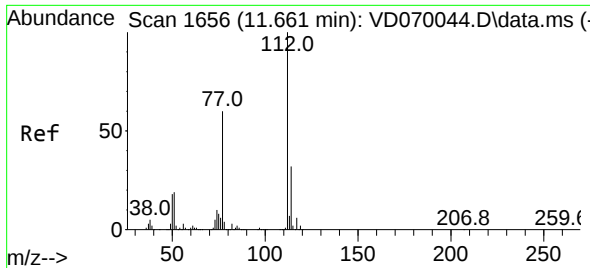


#64
Tetrachloroethene
Concen: 19.299 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VD070049.D
Acq: 13 Aug 2021 14:54



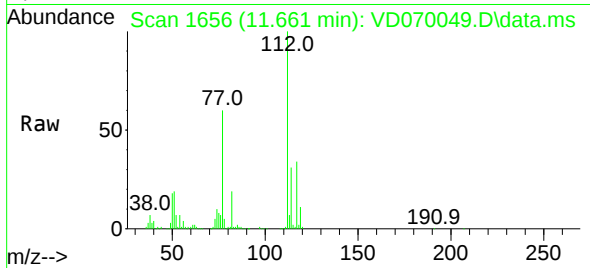
Tgt Ion:164 Resp: 120816
Ion Ratio Lower Upper
164 100
166 124.2 101.3 151.9
129 111.8 82.9 124.3
131 103.4 76.5 114.7



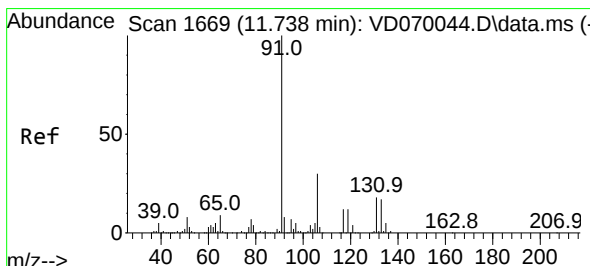
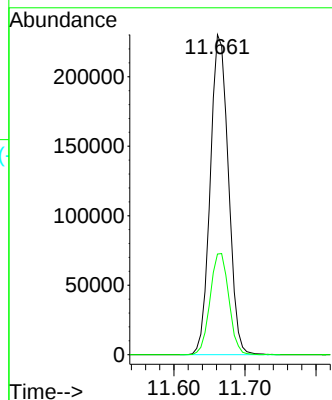
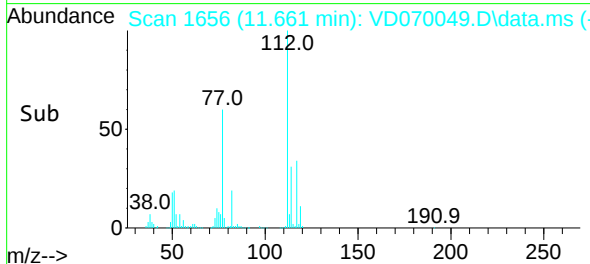


#65
Chlorobenzene
Concen: 20.109 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD070049.D
Acq: 13 Aug 2021 14:54

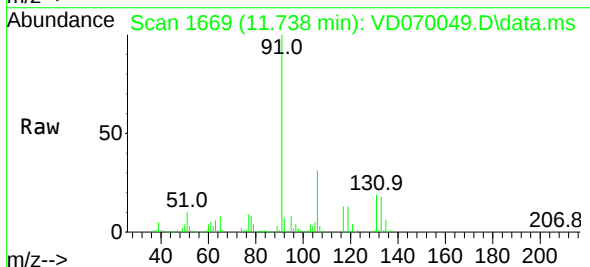
Instrument :
MSVOA_D
ClientSampleId :
VD0813SBS01



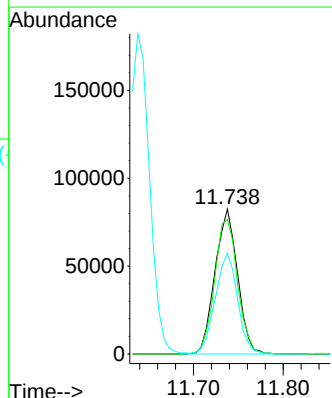
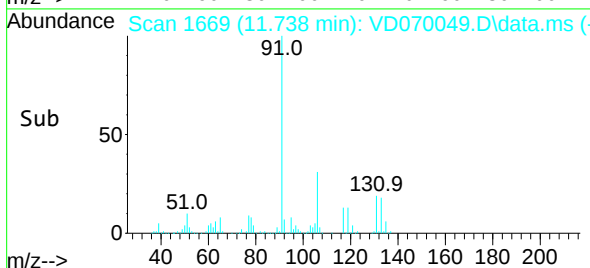
Tgt Ion:112 Resp: 407697
Ion Ratio Lower Upper
112 100
114 31.4 25.5 38.3

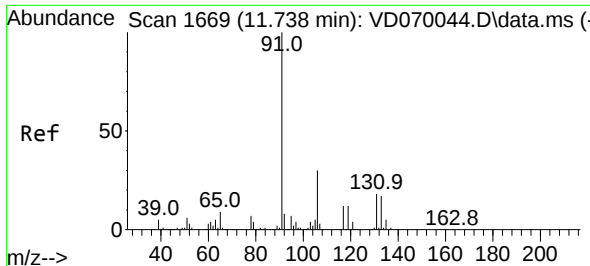


#66
1,1,1,2-Tetrachloroethane
Concen: 19.940 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD070049.D
Acq: 13 Aug 2021 14:54



Tgt Ion:131 Resp: 143572
Ion Ratio Lower Upper
131 100
133 94.9 47.4 142.2
119 69.0 34.0 102.0





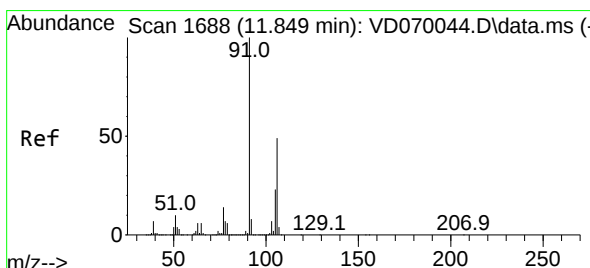
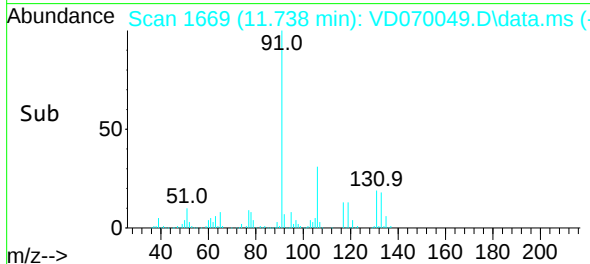
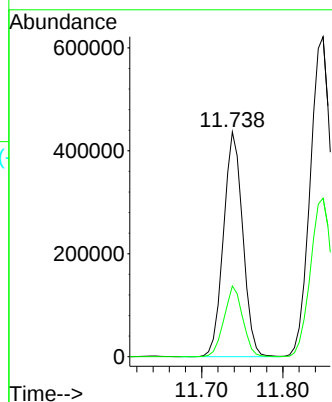
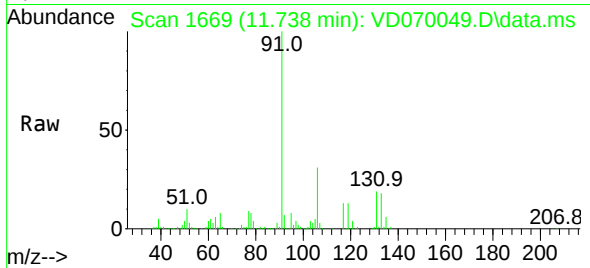
#67
Ethyl Benzene
Concen: 20.084 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD070049.D
Acq: 13 Aug 2021 14:54

Tgt Ion: 91 Resp: 719969
Ion Ratio Lower Upper
91 100
106 31.4 24.3 36.5

Instrument :
MSVOA_D
ClientSampleId :
VD0813SBS01

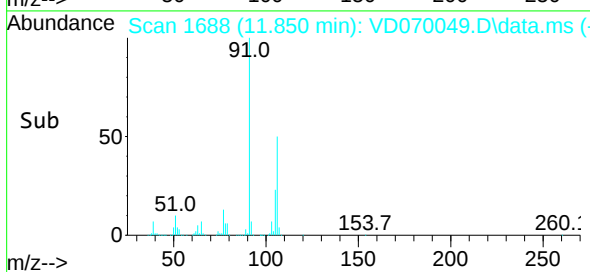
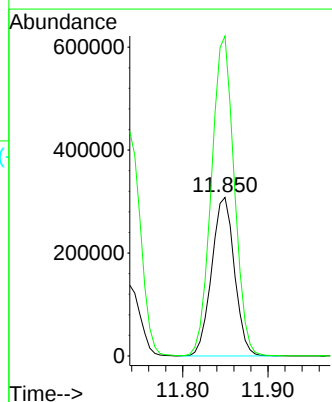
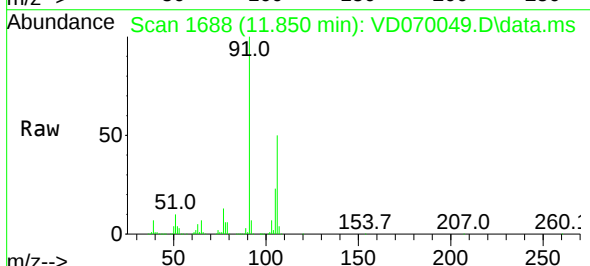
Manual Integrations
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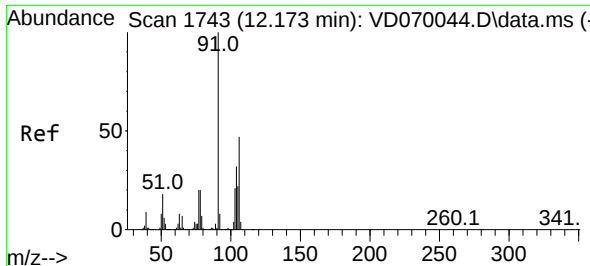
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#68
m/p-Xylenes
Concen: 41.228 ug/l
RT: 11.850 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VD070049.D
Acq: 13 Aug 2021 14:54

Tgt Ion: 106 Resp: 572748
Ion Ratio Lower Upper
106 100
91 201.5 164.6 246.8





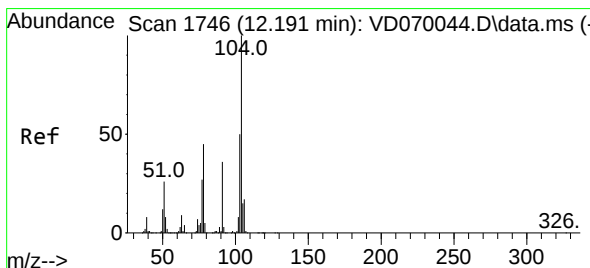
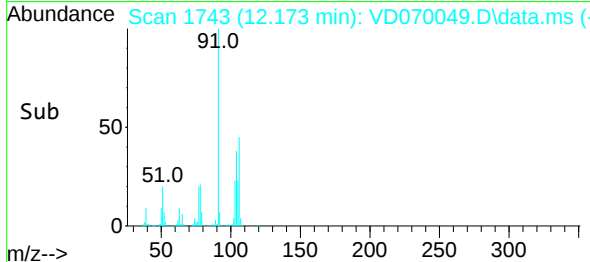
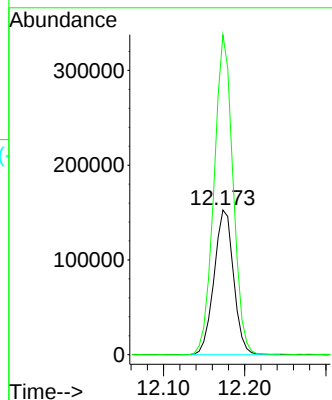
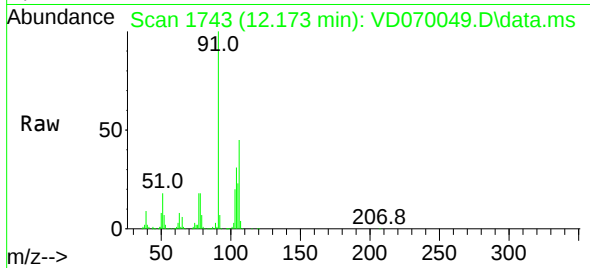
#69
o-Xylene
Concen: 20.328 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VD070049.D
Acq: 13 Aug 2021 14:54

Tgt Ion:106 Resp: 254807
Ion Ratio Lower Upper
106 100
91 215.5 108.6 325.8

Instrument :
MSVOA_D
ClientSampleId :
VD0813SBS01

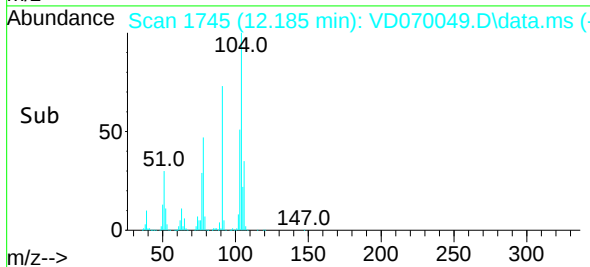
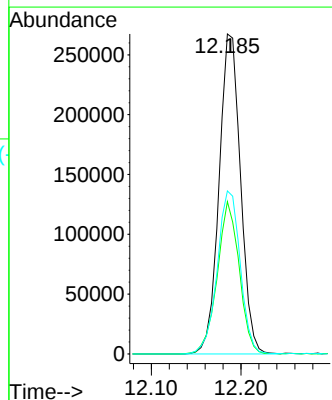
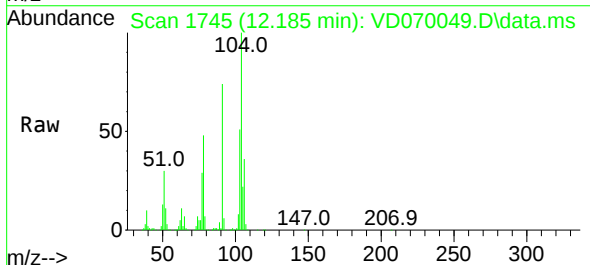
Manual Integrations
APPROVED

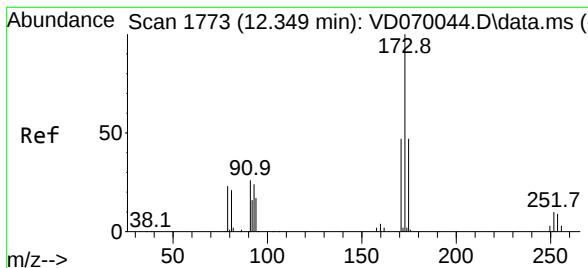
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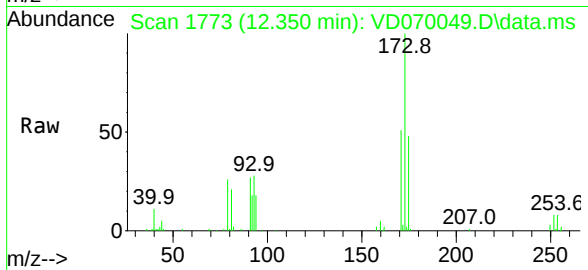
#70
Styrene
Concen: 20.263 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.006 min
Lab File: VD070049.D
Acq: 13 Aug 2021 14:54

Tgt Ion:104 Resp: 444844
Ion Ratio Lower Upper
104 100
78 48.6 39.7 59.5
103 54.5 43.8 65.6

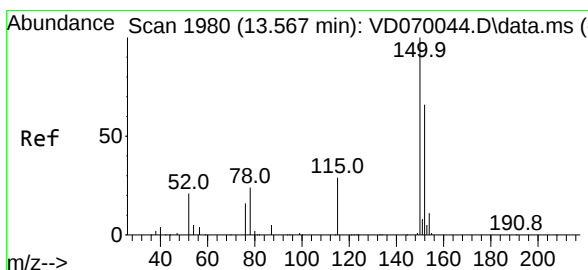
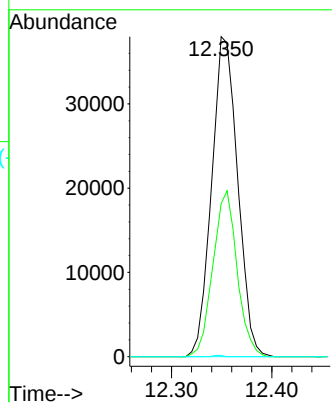
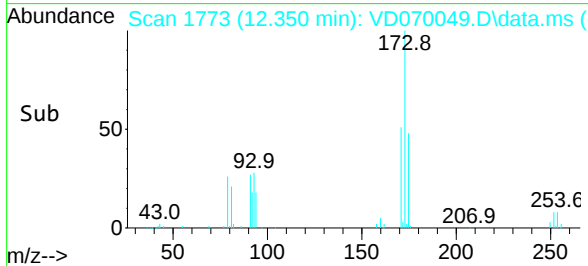




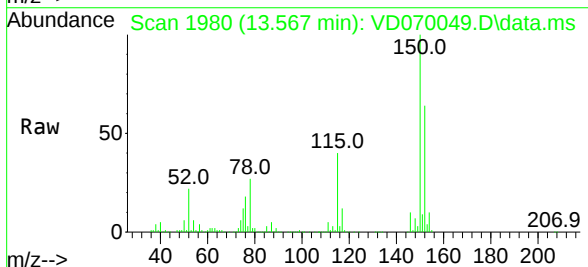
#71
Bromoform
Concen: 19.521 ug/l
RT: 12.350 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VD070049.D
Acq: 13 Aug 2021 14:54



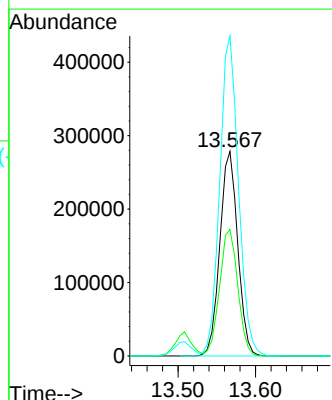
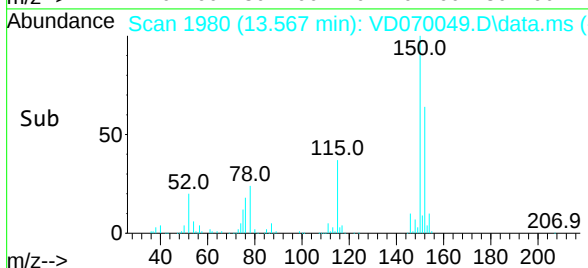
Tgt Ion:173 Resp: 68482
Ion Ratio Lower Upper
173 100
175 48.1 24.1 72.2
254 0.2 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD070049.D
Acq: 13 Aug 2021 14:54



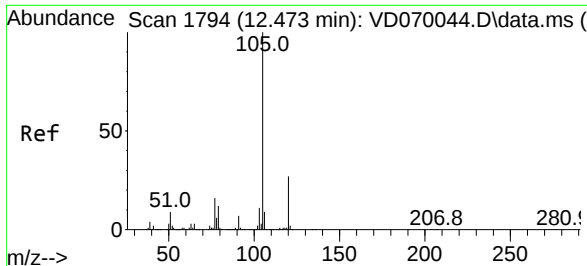
Tgt Ion:152 Resp: 448017
Ion Ratio Lower Upper
152 100
115 63.0 31.2 93.6
150 164.0 0.0 352.0



Instrument :
MSVOA_D
ClientSampleId :
VD0813SBS01

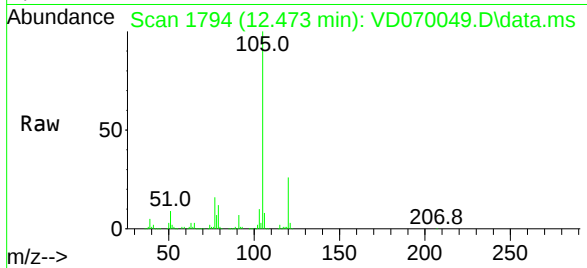
Manual Integrations
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#73
Isopropylbenzene
Concen: 20.304 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VD070049.D
Acq: 13 Aug 2021 14:54

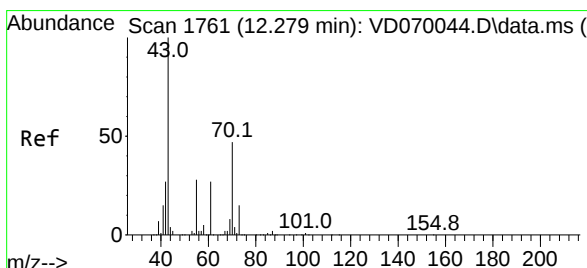
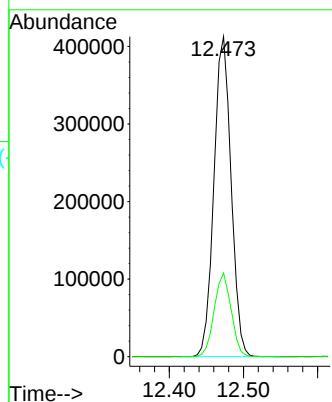
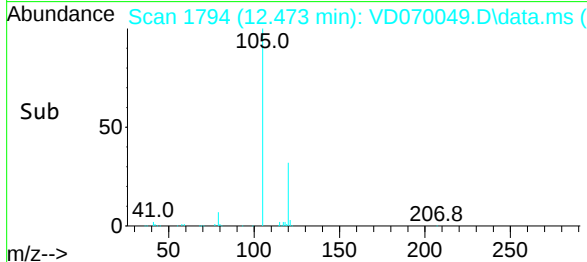
Instrument :
MSVOA_D
ClientSampleId :
VD0813SBS01



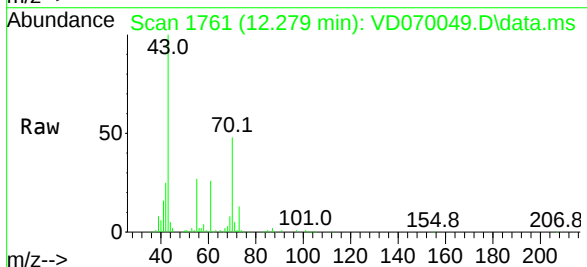
Tgt Ion: 105 Resp: 663340
Ion Ratio Lower Upper
105 100
120 25.8 13.3 39.8

Manual Integrations
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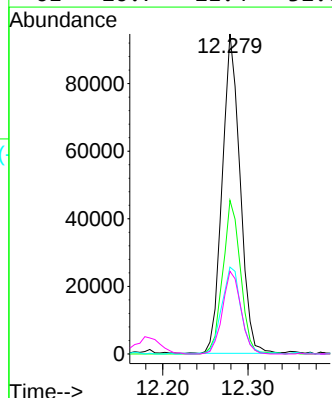
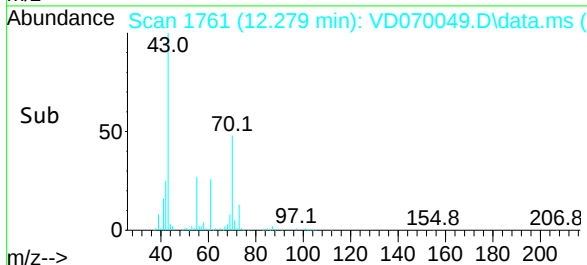
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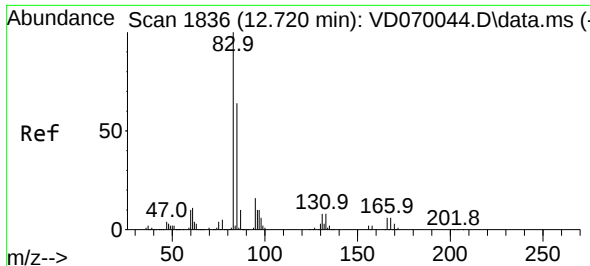


#74
N-ethyl acetate
Concen: 19.575 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VD070049.D
Acq: 13 Aug 2021 14:54

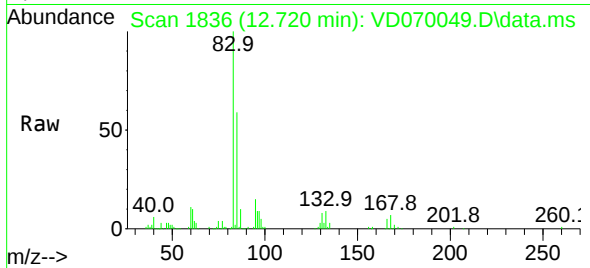


Tgt Ion: 43 Resp: 137891
Ion Ratio Lower Upper
43 100
70 47.6 37.2 55.8
55 29.4 22.9 34.3
61 26.7 21.4 32.0

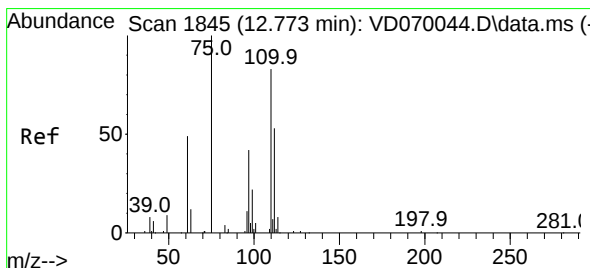
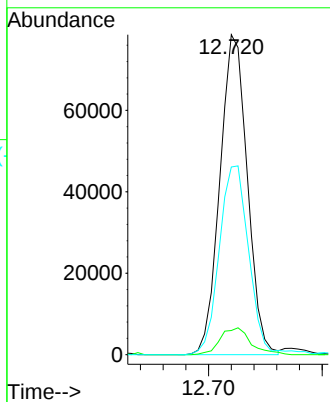
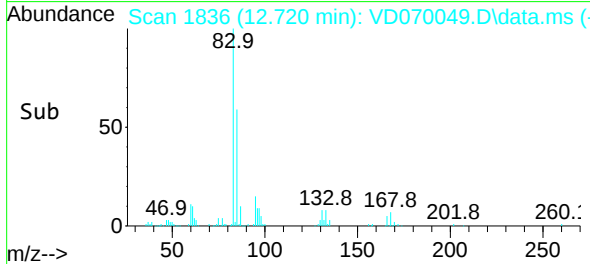




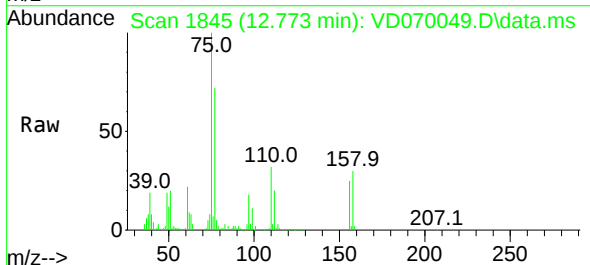
#75
1,1,2,2-Tetrachloroethane
Concen: 20.219 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VD070049.D
Acq: 13 Aug 2021 14:54



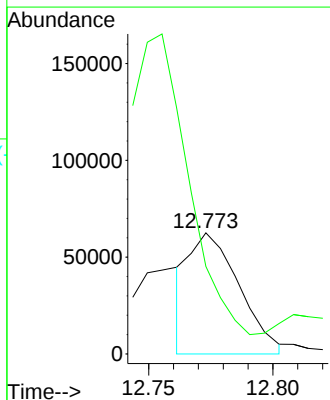
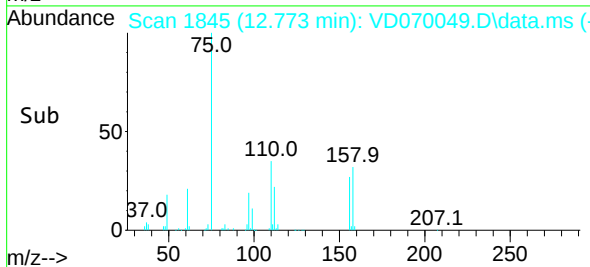
Tgt Ion: 83 Resp: 131805
Ion Ratio Lower Upper
83 100
131 9.4 4.5 13.7
85 63.9 31.9 95.5



#76
1,2,3-Trichloropropane
Concen: 19.383 ug/l m
RT: 12.773 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VD070049.D
Acq: 13 Aug 2021 14:54



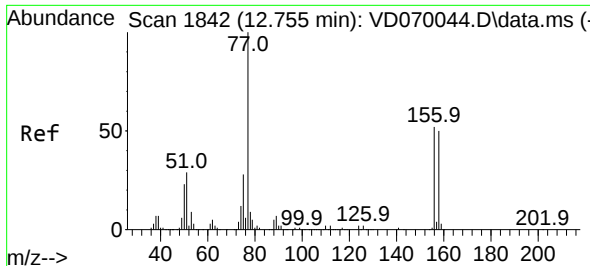
Tgt Ion: 75 Resp: 88066
Ion Ratio Lower Upper
75 100
77 357.4 182.4 547.2



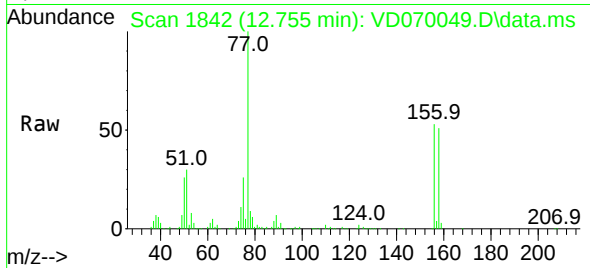
Instrument :
MSVOA_D
ClientSampleId :
VD0813SBS01

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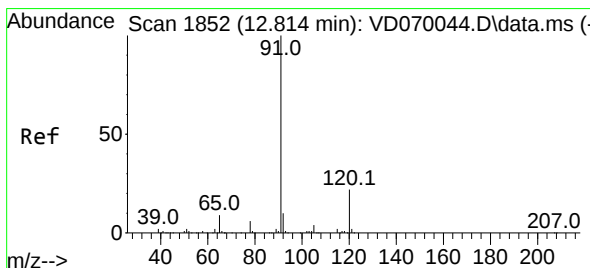
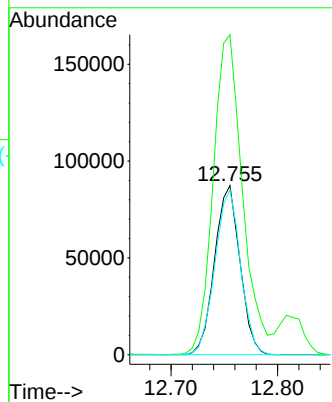
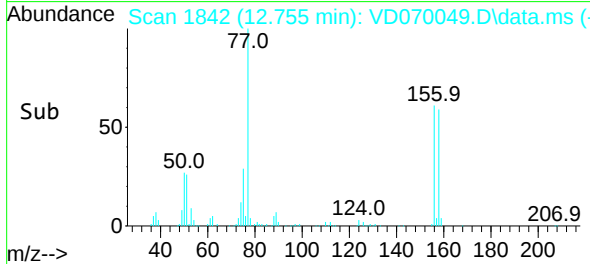
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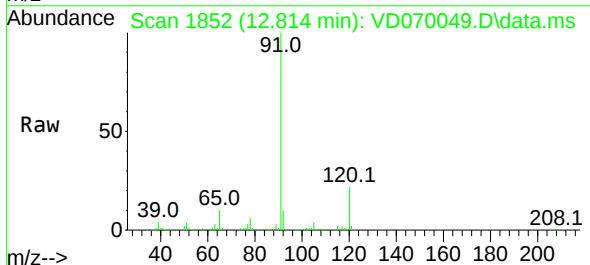
#77
Bromobenzene
Concen: 19.921 ug/l
RT: 12.755 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD070049.D
Acq: 13 Aug 2021 14:54



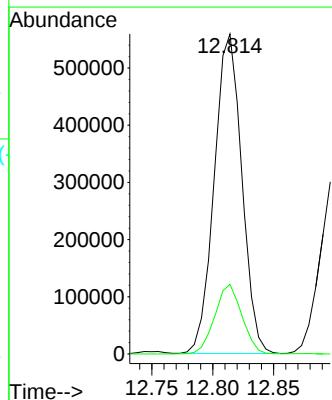
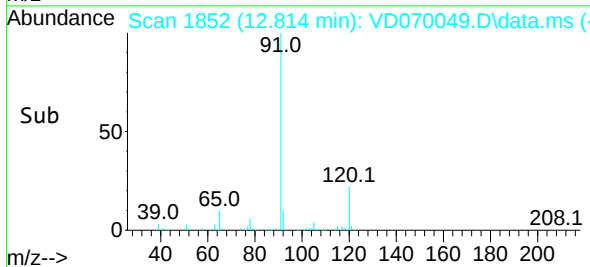
Tgt Ion:156 Resp: 144456
Ion Ratio Lower Upper
156 100
77 217.9 106.9 320.7
158 98.4 47.6 142.8



#78
n-propylbenzene
Concen: 20.872 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VD070049.D
Acq: 13 Aug 2021 14:54



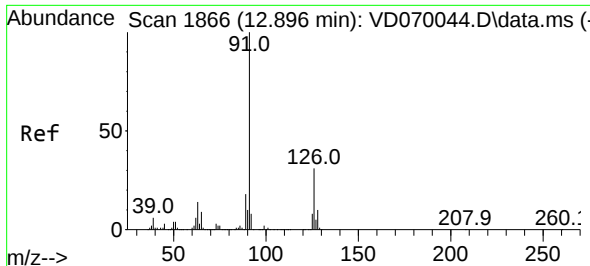
Tgt Ion: 91 Resp: 879409
Ion Ratio Lower Upper
91 100
120 21.5 10.9 32.9



Instrument :
MSVOA_D
ClientSampleId :
VD0813SBS01

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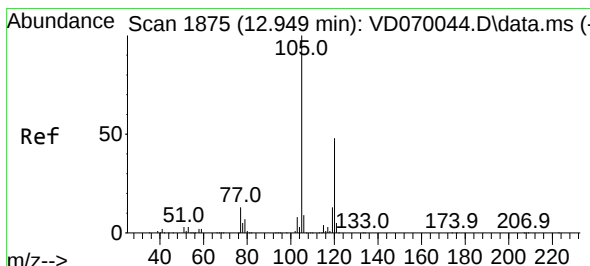
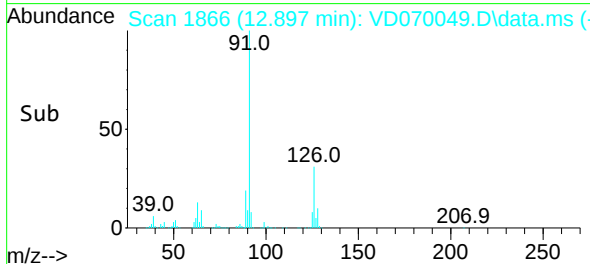
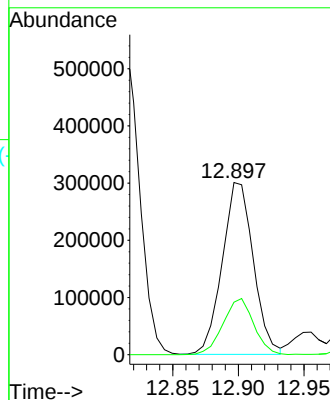
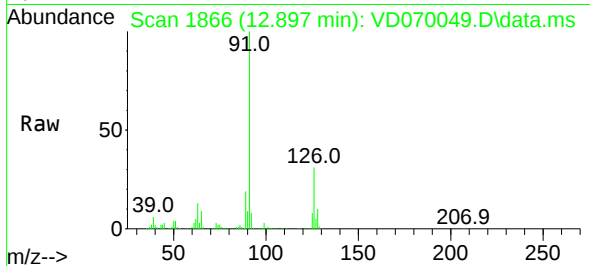
#79
2-Chlorotoluene
Concen: 20.479 ug/l
RT: 12.897 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VD070049.D
Acq: 13 Aug 2021 14:54

Tgt Ion: 91 Resp: 496426
Ion Ratio Lower Upper
91 100
126 32.3 16.0 48.0

Instrument :
MSVOA_D
ClientSampleId :
VD0813SBS01

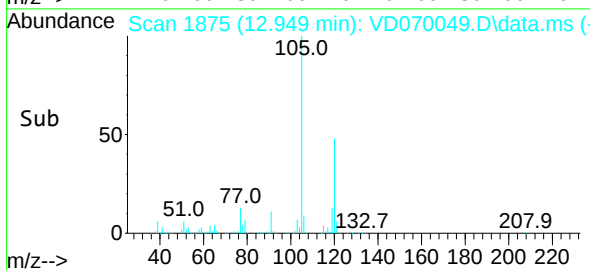
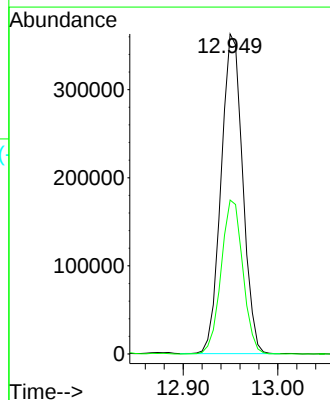
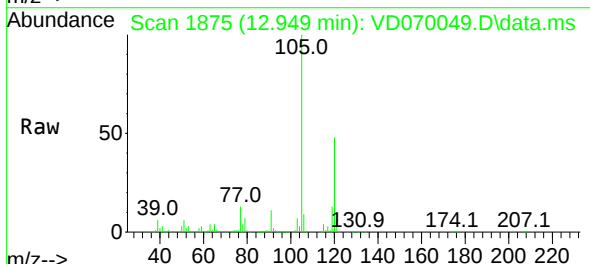
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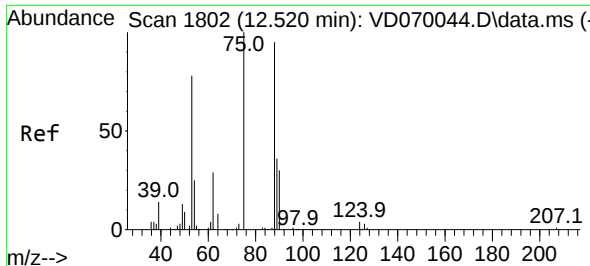
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#80
1,3,5-Trimethylbenzene
Concen: 20.654 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD070049.D
Acq: 13 Aug 2021 14:54

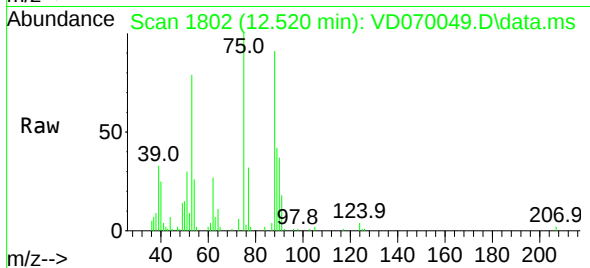
Tgt Ion: 105 Resp: 574450
Ion Ratio Lower Upper
105 100
120 48.5 24.5 73.5





#81
trans-1,4-Dichloro-2-butene
Concen: 20.539 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. 0.000 min
Lab File: VD070049.D
Acq: 13 Aug 2021 14:54

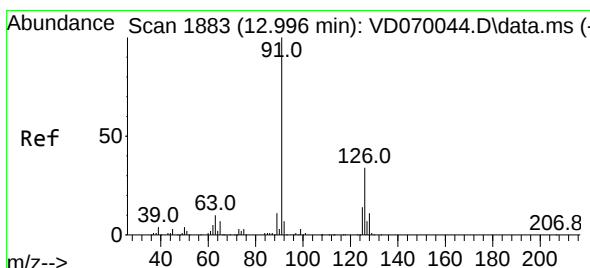
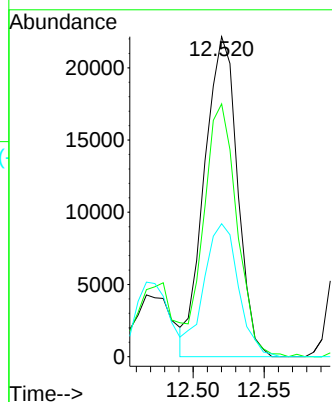
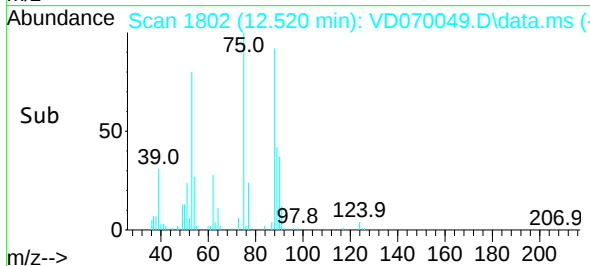
Instrument :
MSVOA_D
ClientSampleId :
VD0813SBS01



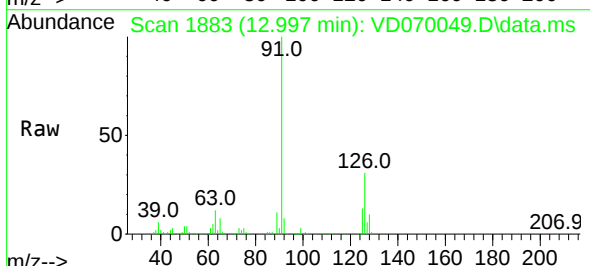
Tgt Ion	Ratio	Lower	Upper
75	100		
53	77.6	64.5	96.7
89	43.4	33.7	50.5

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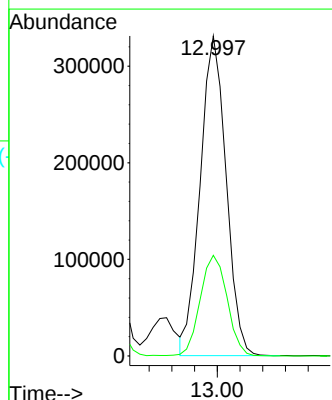
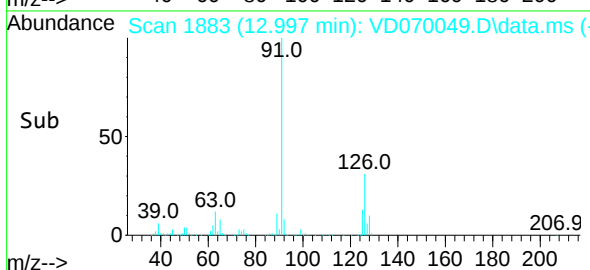
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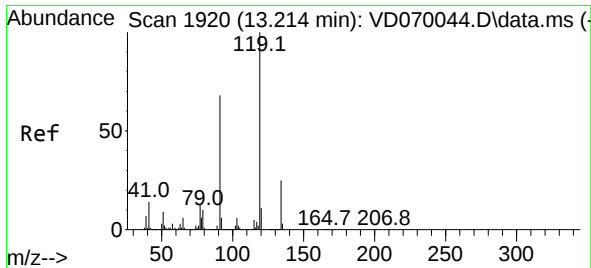


#82
4-Chlorotoluene
Concen: 20.671 ug/l
RT: 12.997 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VD070049.D
Acq: 13 Aug 2021 14:54

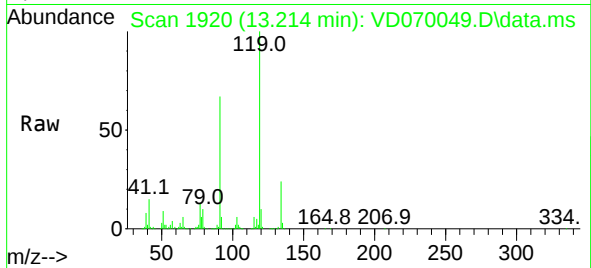


Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.7	16.3	48.8

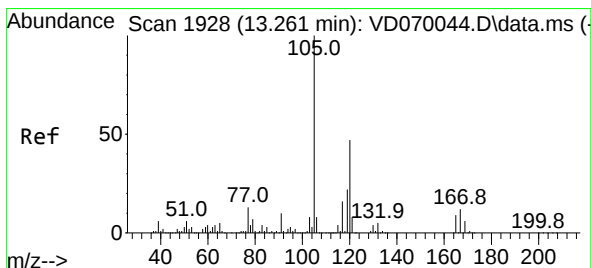
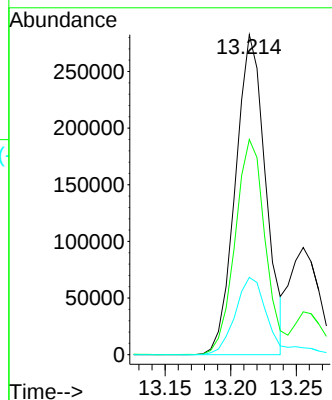
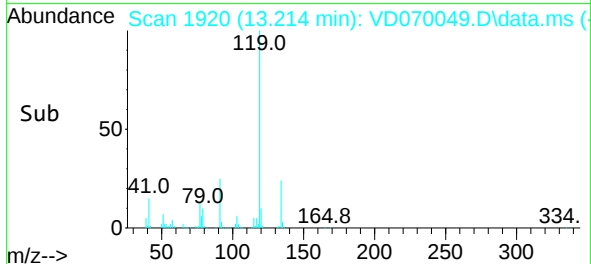




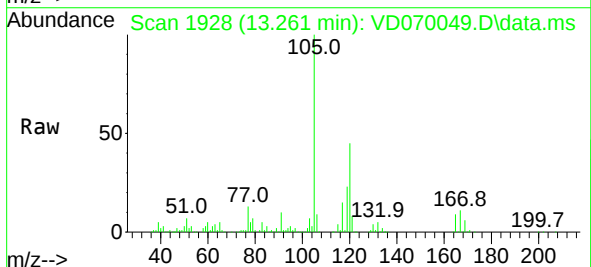
#83
tert-Butylbenzene
Concen: 19.988 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. 0.000 min
Lab File: VD070049.D
Acq: 13 Aug 2021 14:54



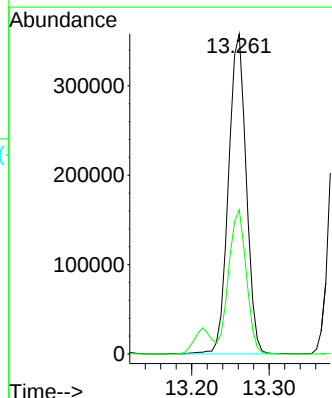
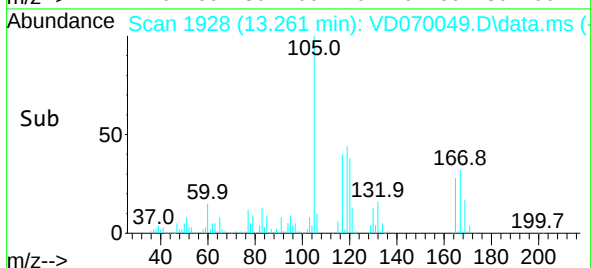
Tgt Ion:119 Resp: 451877
Ion Ratio Lower Upper
119 100
91 67.8 34.0 101.8
134 26.7 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 20.665 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. 0.000 min
Lab File: VD070049.D
Acq: 13 Aug 2021 14:54



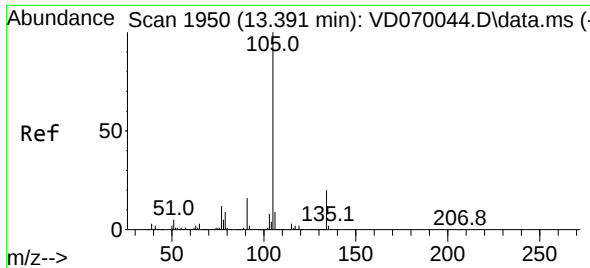
Tgt Ion:105 Resp: 570167
Ion Ratio Lower Upper
105 100
120 44.9 22.5 67.5



Instrument :
MSVOA_D
ClientSampleId :
VD0813SBS01

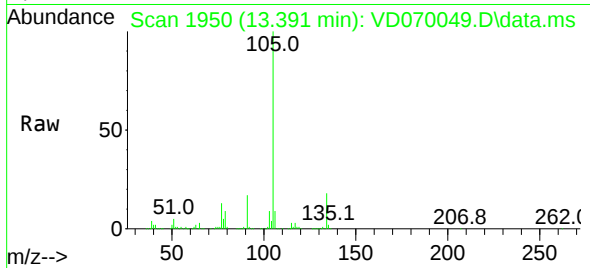
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#85
 sec-Butylbenzene
 Concen: 20.355 ug/l
 RT: 13.391 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: VD070049.D
 Acq: 13 Aug 2021 14:54

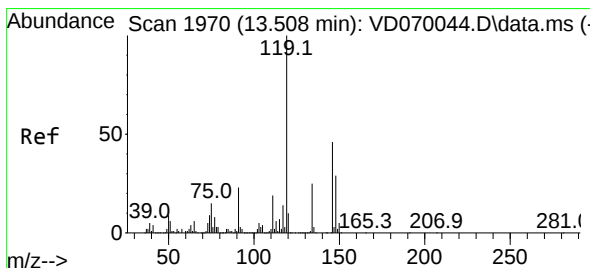
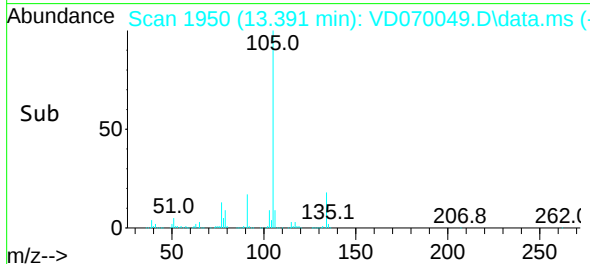
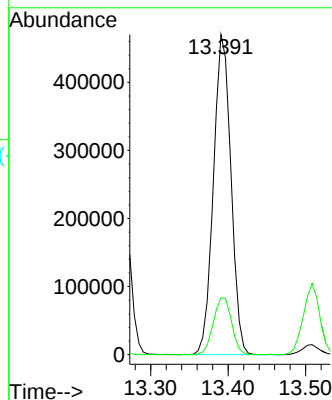
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0813SBS01



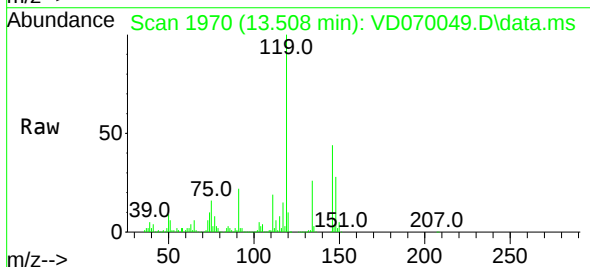
Tgt Ion:105 Resp: 737261
 Ion Ratio Lower Upper
 105 100
 134 18.6 9.8 29.3

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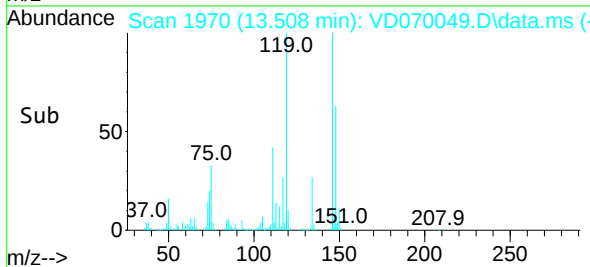
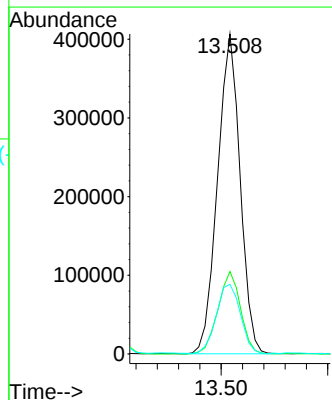
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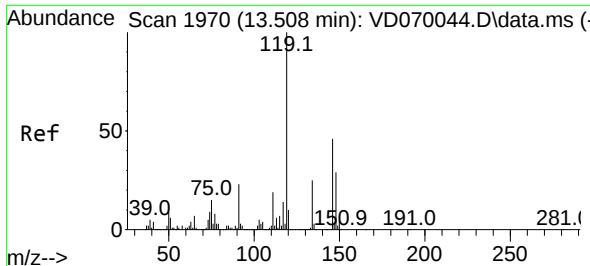


#86
 p-Isopropyltoluene
 Concen: 20.378 ug/l
 RT: 13.508 min Scan# 1970
 Delta R.T. 0.000 min
 Lab File: VD070049.D
 Acq: 13 Aug 2021 14:54



Tgt Ion:119 Resp: 596321
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.8 38.3
 91 23.2 11.6 34.8





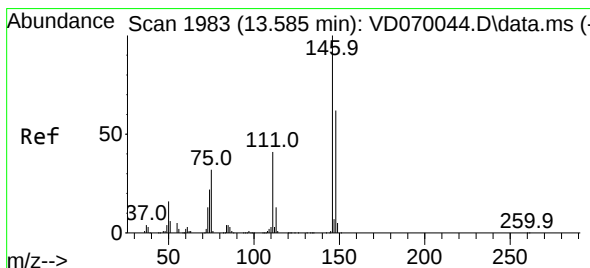
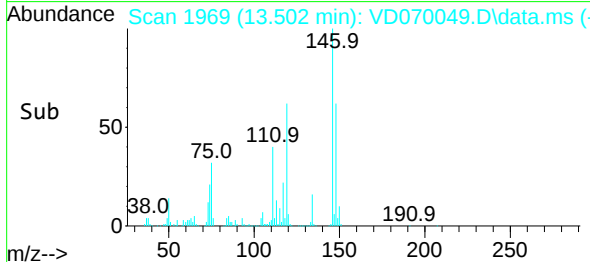
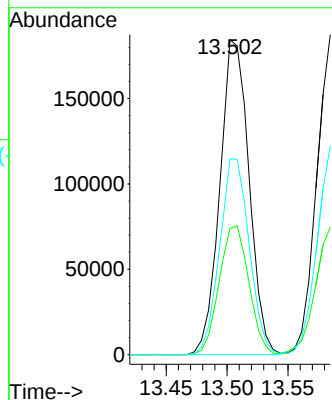
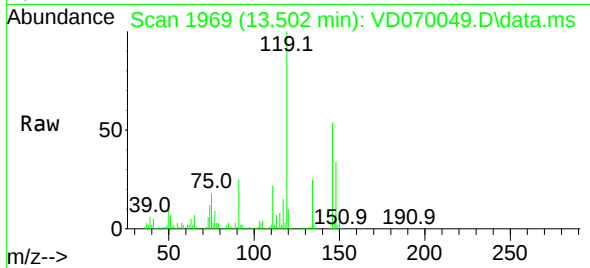
#87
 1,3-Dichlorobenzene
 Concen: 19.963 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. -0.006 min
 Lab File: VD070049.D
 Acq: 13 Aug 2021 14:54

Tgt Ion:146 Resp: 307577
 Ion Ratio Lower Upper
 146 100
 111 41.7 21.3 64.0
 148 63.1 31.8 95.4

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0813SBS01

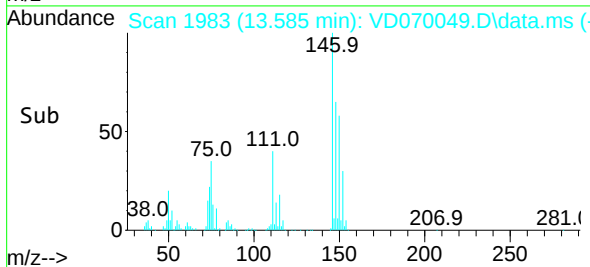
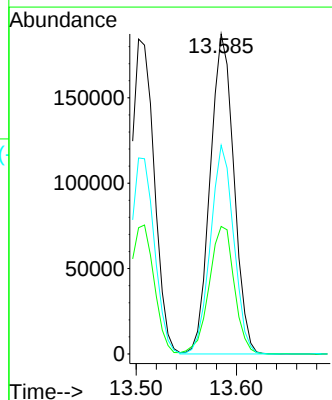
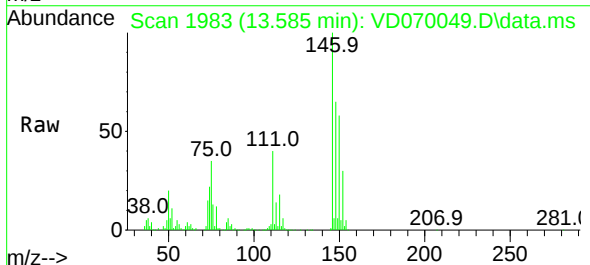
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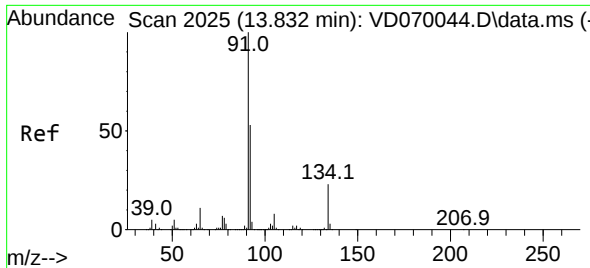
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#88
 1,4-Dichlorobenzene
 Concen: 20.146 ug/l
 RT: 13.585 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VD070049.D
 Acq: 13 Aug 2021 14:54

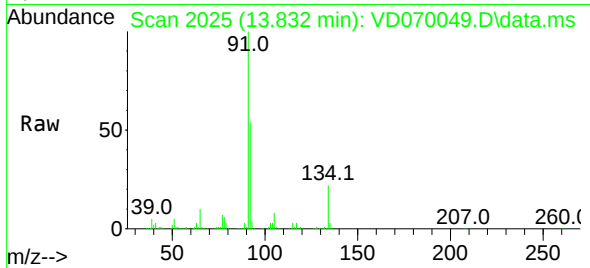
Tgt Ion:146 Resp: 307436
 Ion Ratio Lower Upper
 146 100
 111 42.2 20.3 60.8
 148 64.2 31.3 93.9





#89
n-Butylbenzene
Concen: 20.034 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. 0.000 min
Lab File: VD070049.D
Acq: 13 Aug 2021 14:54

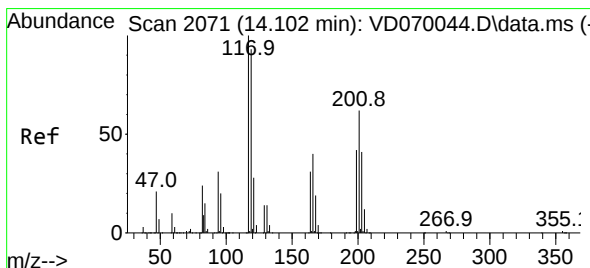
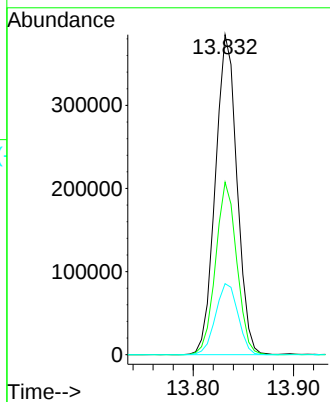
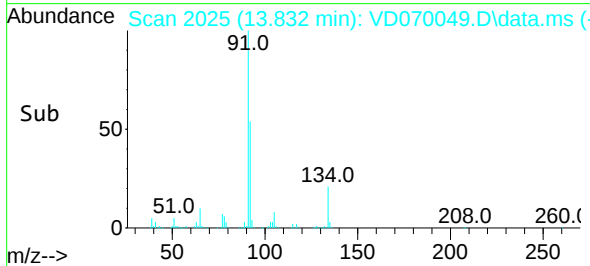
Instrument :
MSVOA_D
ClientSampleId :
VD0813SBS01



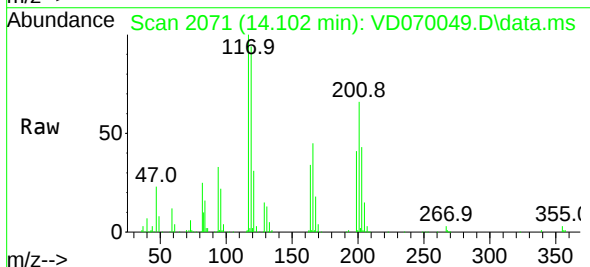
Tgt Ion: 91 Resp: 575295
Ion Ratio Lower Upper
91 100
92 52.7 27.1 81.3
134 23.1 11.8 35.3

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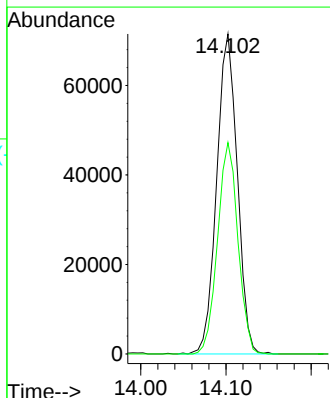
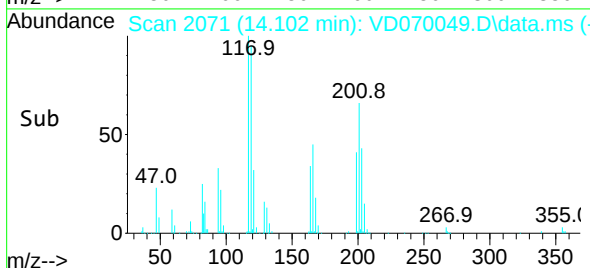
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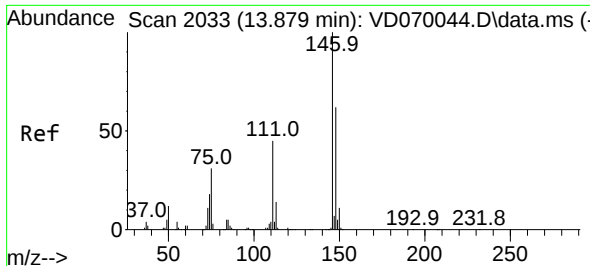


#90
Hexachloroethane
Concen: 19.508 ug/l
RT: 14.102 min Scan# 2071
Delta R.T. 0.000 min
Lab File: VD070049.D
Acq: 13 Aug 2021 14:54



Tgt Ion: 117 Resp: 120464
Ion Ratio Lower Upper
117 100
201 65.2 31.6 95.0





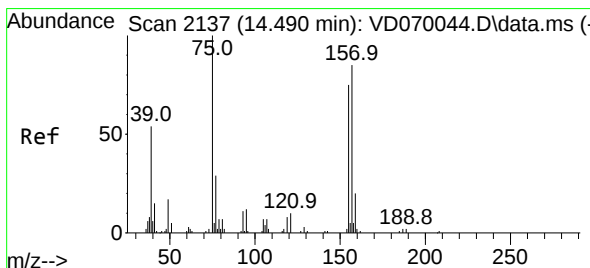
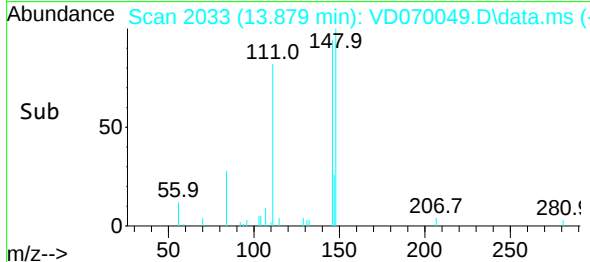
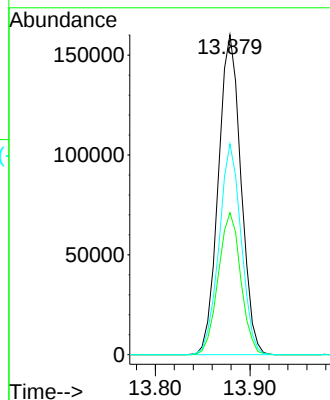
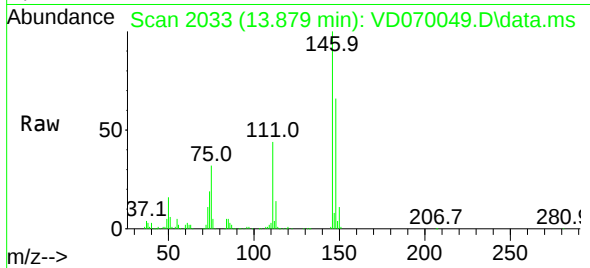
#91
1,2-Dichlorobenzene
Concen: 20.166 ug/l
RT: 13.879 min Scan# 2033
Delta R.T. 0.000 min
Lab File: VD070049.D
Acq: 13 Aug 2021 14:54

Tgt Ion: 146 Resp: 266228
Ion Ratio Lower Upper
146 100
111 44.1 22.4 67.2
148 64.4 31.8 95.4

Instrument :
MSVOA_D
ClientSampleId :
VD0813SBS01

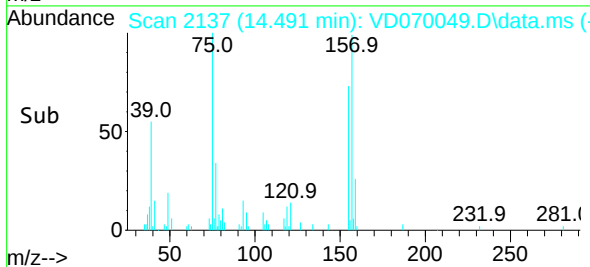
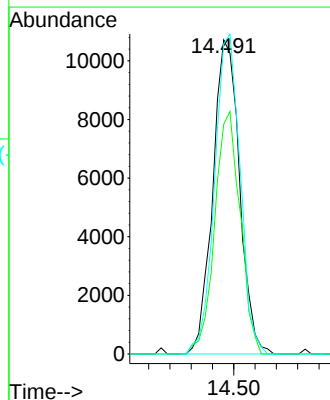
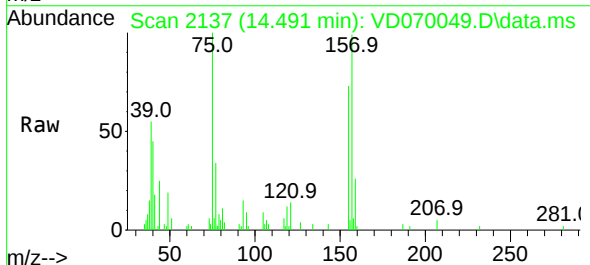
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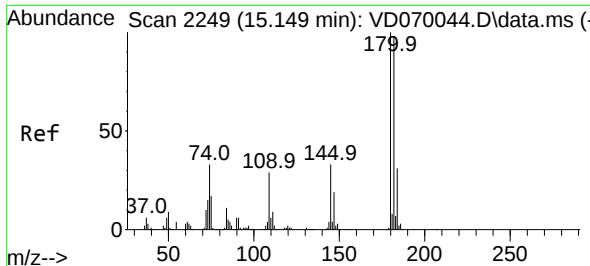
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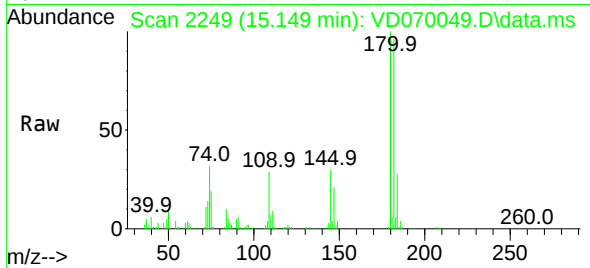
#92
1,2-Dibromo-3-Chloropropane
Concen: 19.159 ug/l
RT: 14.491 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VD070049.D
Acq: 13 Aug 2021 14:54

Tgt Ion: 75 Resp: 18655
Ion Ratio Lower Upper
75 100
155 73.6 35.3 105.9
157 97.0 46.8 140.3

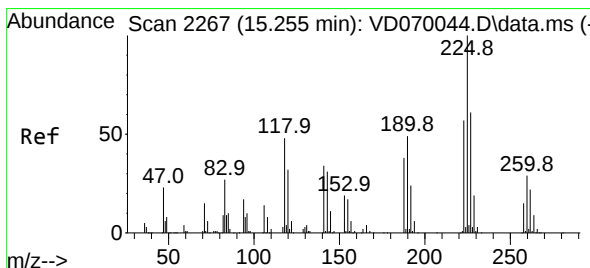
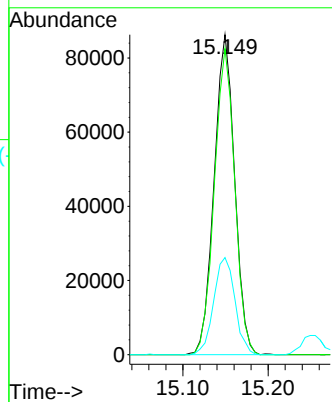
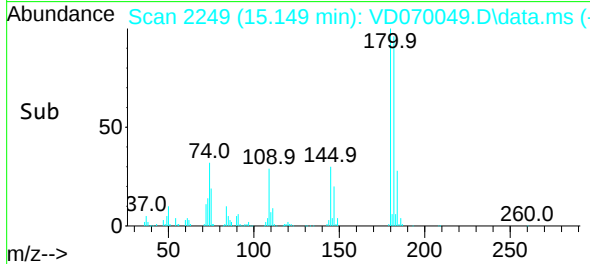




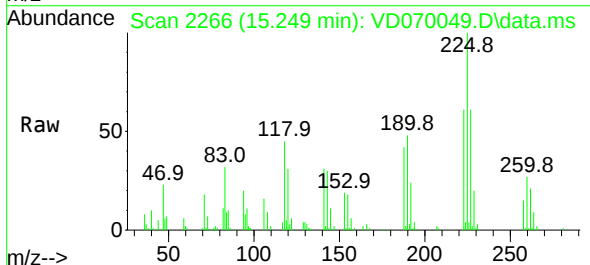
#93
1,2,4-Trichlorobenzene
Concen: 19.643 ug/l
RT: 15.149 min Scan# 2249
Delta R.T. 0.000 min
Lab File: VD070049.D
Acq: 13 Aug 2021 14:54



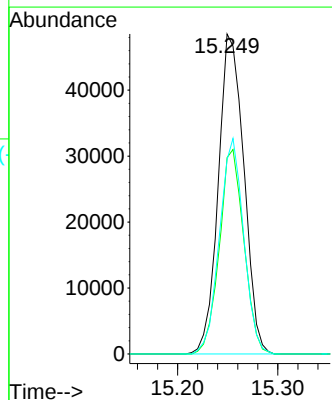
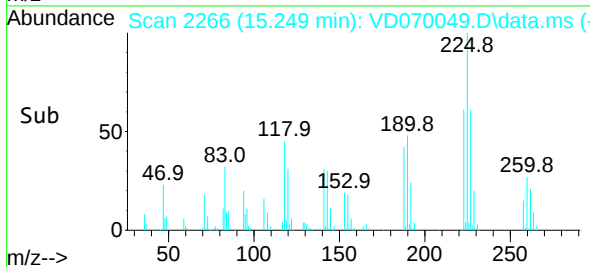
Tgt Ion:180 Resp: 144208
Ion Ratio Lower Upper
180 100
182 95.3 47.9 143.6
145 31.5 16.3 48.9



#94
Hexachlorobutadiene
Concen: 19.814 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. -0.006 min
Lab File: VD070049.D
Acq: 13 Aug 2021 14:54



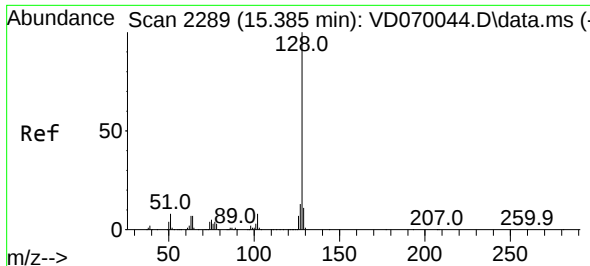
Tgt Ion:225 Resp: 85931
Ion Ratio Lower Upper
225 100
223 61.2 30.5 91.5
227 63.7 31.4 94.2



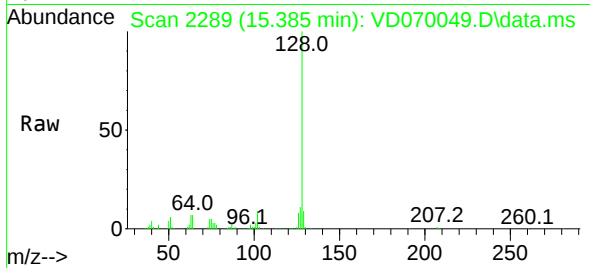
Instrument :
MSVOA_D
ClientSampleId :
VD0813SBS01

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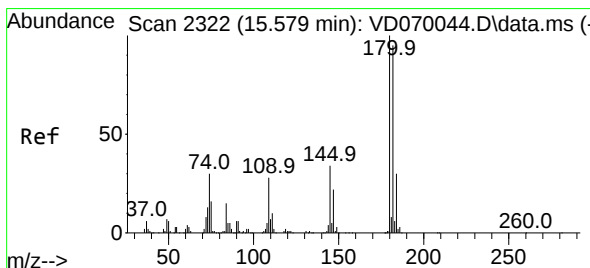
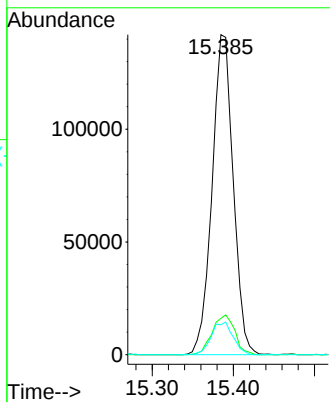
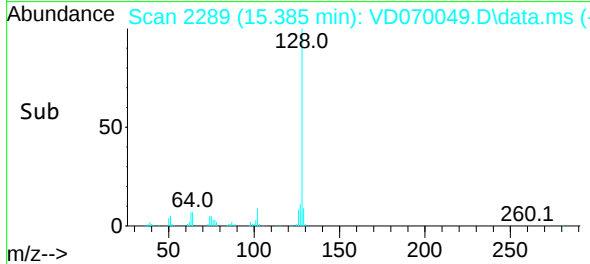
MMDadoda
8/16/2021 5:05:01 PM



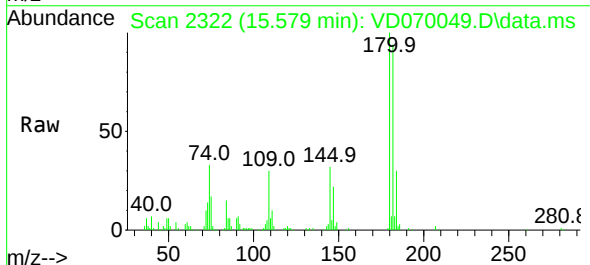
#95
Naphthalene
Concen: 19.231 ug/l
RT: 15.385 min Scan# 2289
Delta R.T. 0.000 min
Lab File: VD070049.D
Acq: 13 Aug 2021 14:54



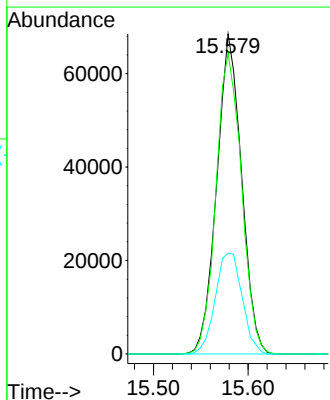
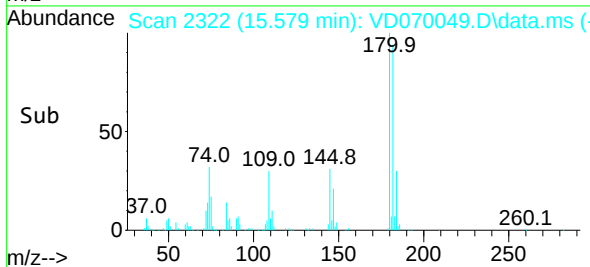
Tgt Ion:128 Resp: 256960
Ion Ratio Lower Upper
128 100
127 13.3 10.5 15.7
129 10.6 8.3 12.5



#96
1,2,3-Trichlorobenzene
Concen: 19.452 ug/l
RT: 15.579 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VD070049.D
Acq: 13 Aug 2021 14:54



Tgt Ion:180 Resp: 124664
Ion Ratio Lower Upper
180 100
182 96.5 47.9 143.6
145 34.1 16.8 50.3



Instrument :
MSVOA_D
ClientSampleId :
VD0813SBS01

Manual Integrations
APPROVED

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8/16/2021 5:05:01 PM