

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072221\
 Data File : VD069819.D
 Acq On : 22 Jul 2021 20:33
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
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 7/23/2021 5:15:55 PM

Quant Time: Jul 23 05:04:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 04:51:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	606301	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1054533	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1032864	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	502408	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	342947	49.182	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.360%		
35) Dibromofluoromethane	7.908	113	337547	50.776	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	101.560%		
50) Toluene-d8	10.338	98	1295154	50.526	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	101.060%		
62) 4-Bromofluorobenzene	12.626	95	442106	51.607	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	103.220%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.985	85	270224	42.344	ug/l	100
3) Chloromethane	2.209	50	403448	43.582	ug/l	99
4) Vinyl Chloride	2.344	62	431534	44.320	ug/l	98
5) Bromomethane	2.762	94	280084	48.710	ug/l	100
6) Chloroethane	2.914	64	284884	45.141	ug/l	99
7) Trichlorofluoromethane	3.267	101	541470	45.048	ug/l	99
8) Diethyl Ether	3.709	74	162521	48.070	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.091	101	351481	46.042	ug/l	98
10) Methyl Iodide	4.297	142	326880	43.829	ug/l	99
11) Tert butyl alcohol	5.226	59	86683	240.243	ug/l	99
12) 1,1-Dichloroethene	4.067	96	317366	45.750	ug/l	98
13) Acrolein	3.920	56	108377	214.573	ug/l	97
14) Allyl chloride	4.714	41	480933	47.287	ug/l	99
15) Acrylonitrile	5.426	53	408992	257.154	ug/l	98
16) Acetone	4.161	43	289475	229.807	ug/l	99
17) Carbon Disulfide	4.409	76	1136409	45.817	ug/l	99
18) Methyl Acetate	4.720	43	176260	48.226	ug/l	98
19) Methyl tert-butyl Ether	5.473	73	747202	51.987	ug/l	99
20) Methylene Chloride	4.961	84	550001	61.772	ug/l	99
21) trans-1,2-Dichloroethene	5.473	96	392494	48.017	ug/l	96
22) Diisopropyl ether	6.361	45	1139002	51.537	ug/l	96
23) Vinyl Acetate	6.303	43	2864050	236.755	ug/l	98
24) 1,1-Dichloroethane	6.261	63	730434	47.851	ug/l	99
25) 2-Butanone	7.214	43	447684	262.074	ug/l	98
26) 2,2-Dichloropropane	7.208	77	541278	46.633	ug/l	99
27) cis-1,2-Dichloroethene	7.208	96	426135	48.856	ug/l	98
28) Bromochloromethane	7.544	49	283852	48.977	ug/l	100
29) Tetrahydrofuran	7.561	42	301396	272.714	ug/l	97
30) Chloroform	7.708	83	732110	47.702	ug/l	99
31) Cyclohexane	7.985	56	615764	45.195	ug/l	100
32) 1,1,1-Trichloroethane	7.897	97	594986	46.836	ug/l	98
36) 1,1-Dichloropropene	8.108	75	561152	49.310	ug/l	99
37) Ethyl Acetate	7.291	43	222441	53.692	ug/l	98
38) Carbon Tetrachloride	8.097	117	503763	48.462	ug/l	100
39) Methylcyclohexane	9.355	83	648489	49.756	ug/l	97
40) Benzene	8.349	78	1626730	49.341	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	124181	57.117	ug/l #	88
42) 1,2-Dichloroethane	8.420	62	444158	50.940	ug/l	99
43) Isopropyl Acetate	8.449	43	393443	52.951	ug/l	99
44) Trichloroethene	9.108	130	387821	47.766	ug/l	100
45) 1,2-Dichloropropane	9.385	63	430779	49.743	ug/l	98
46) Dibromomethane	9.473	93	214264	50.334	ug/l	97
47) Bromodichloromethane	9.661	83	553581	50.054	ug/l	98
48) Methyl methacrylate	9.449	41	195494	49.447	ug/l	97
49) 1,4-Dioxane	9.461	88	49658	1104.153	ug/l	96
51) 4-Methyl-2-Pentanone	10.226	43	1084012	280.359	ug/l	100
52) Toluene	10.396	92	1030662	51.534	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	474842	51.150	ug/l	98
54) cis-1,3-Dichloropropene	10.085	75	556792	49.541	ug/l	98
55) 1,1,2-Trichloroethane	10.791	97	306335	50.949	ug/l	98
56) Ethyl methacrylate	10.655	69	364883	49.156	ug/l	96
57) 1,3-Dichloropropane	10.943	76	528442	51.941	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	858262	261.449	ug/l	98
59) 2-Hexanone	10.979	43	723600	282.929	ug/l	99
60) Dibromochloromethane	11.132	129	350685	51.501	ug/l	100
61) 1,2-Dibromoethane	11.238	107	285340	52.710	ug/l	99
64) Tetrachloroethene	10.873	164	316657	48.095	ug/l	96
65) Chlorobenzene	11.661	112	1038408	48.526	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.738	131	379583	49.310	ug/l	98
67) Ethyl Benzene	11.738	91	1906310	50.600	ug/l	99
68) m/p-Xylenes	11.843	106	1502822	102.901	ug/l	99
69) o-Xylene	12.173	106	670032	50.465	ug/l	97
70) Styrene	12.185	104	1223189	53.160	ug/l	99
71) Bromoform	12.355	173	191345	51.183	ug/l #	99
73) Isopropylbenzene	12.473	105	1777989	49.254	ug/l	100
74) N-amyl acetate	12.279	43	381487	51.378	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.720	83	349114	48.427	ug/l	97
76) 1,2,3-Trichloropropane	12.773	75	279194m	52.281	ug/l	
77) Bromobenzene	12.749	156	391837	48.194	ug/l	98
78) n-propylbenzene	12.814	91	2287948	49.347	ug/l	99
79) 2-Chlorotoluene	12.896	91	1285704	47.741	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	1532454	49.626	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	89982	51.118	ug/l	98
82) 4-Chlorotoluene	12.996	91	1367194	48.559	ug/l	99
83) tert-Butylbenzene	13.214	119	1226745	48.862	ug/l	100
84) 1,2,4-Trimethylbenzene	13.261	105	1527454	50.139	ug/l	99
85) sec-Butylbenzene	13.390	105	1968309	49.592	ug/l	100
86) p-Isopropyltoluene	13.502	119	1579001	48.968	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	811711	47.553	ug/l	99
88) 1,4-Dichlorobenzene	13.584	146	795559	46.760	ug/l	100
89) n-Butylbenzene	13.832	91	1550094	48.710	ug/l	100
90) Hexachloroethane	14.096	117	316243	46.299	ug/l	100
91) 1,2-Dichlorobenzene	13.879	146	703057	47.721	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.496	75	48661	46.876	ug/l	97
93) 1,2,4-Trichlorobenzene	15.149	180	385435	48.489	ug/l	100
94) Hexachlorobutadiene	15.255	225	227217	46.729	ug/l	99
95) Naphthalene	15.384	128	728958	44.951	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	341629	49.698	ug/l	99

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Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

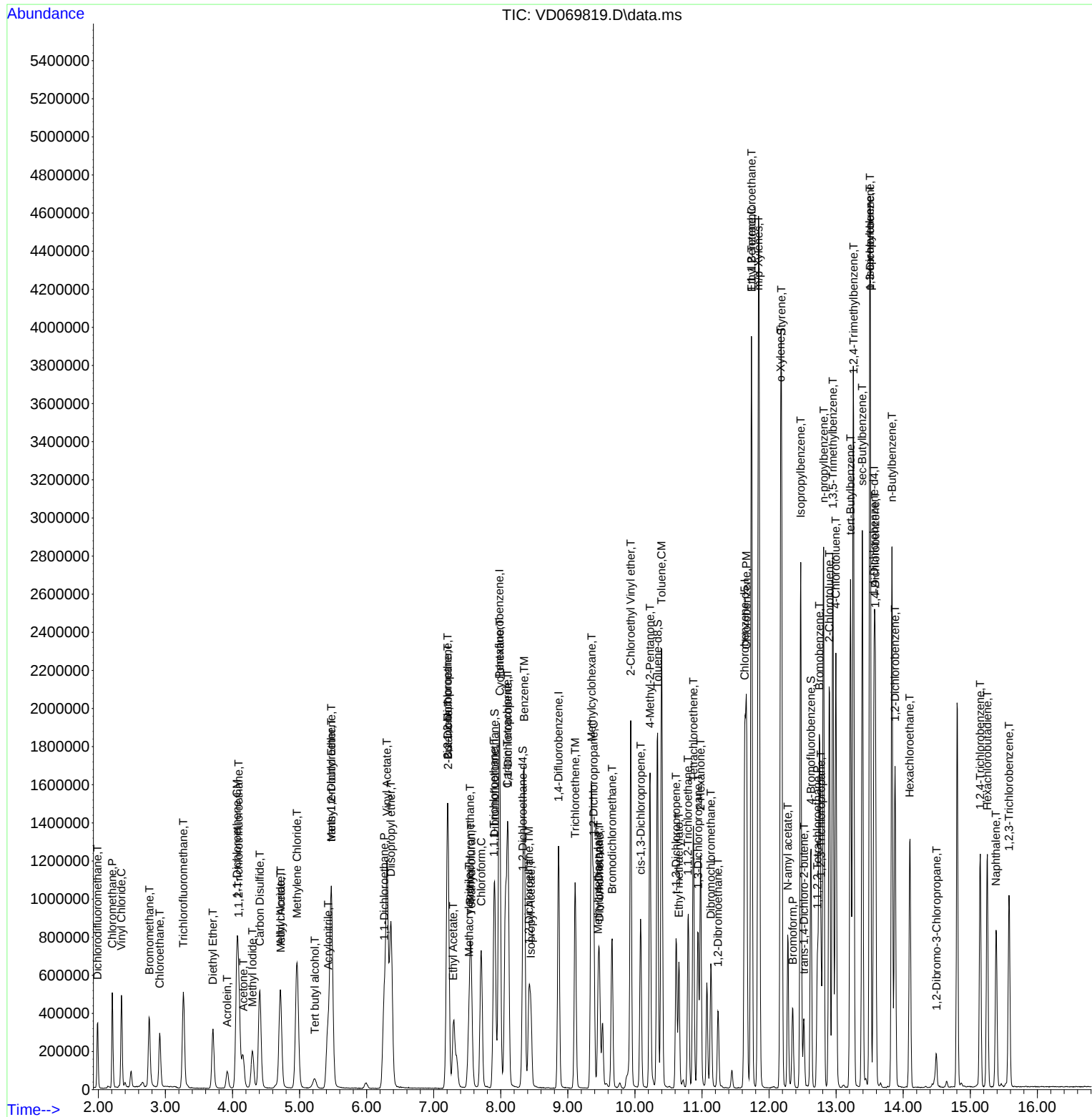
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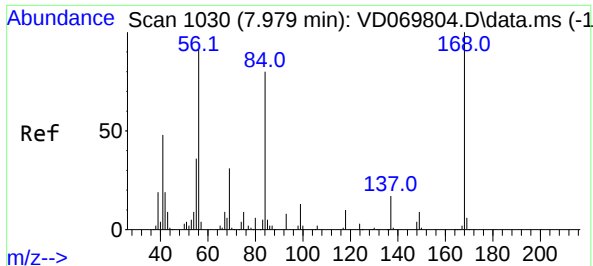
Instrument :
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Manual Integrations
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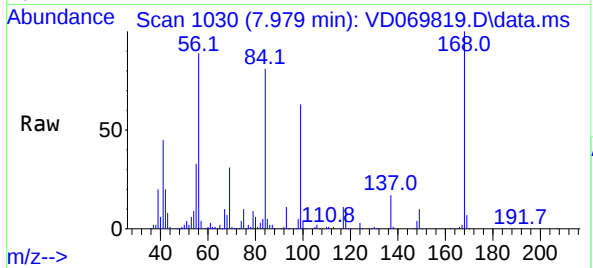
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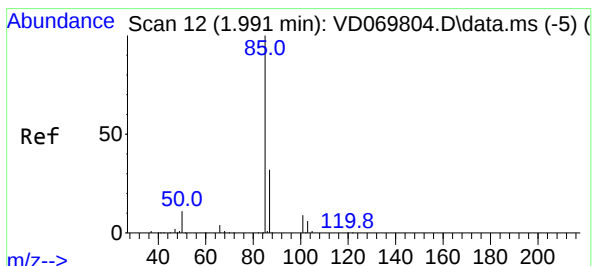
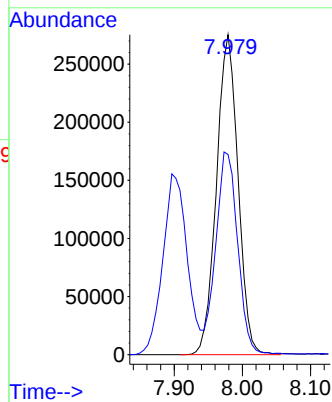
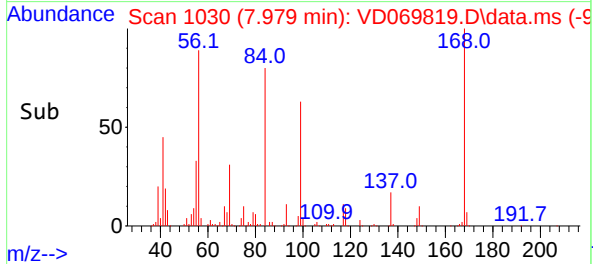




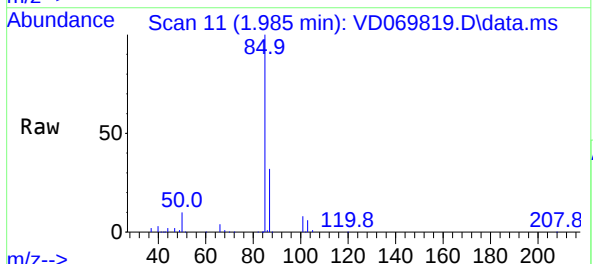
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069819.D
Acq: 22 Jul 2021 20:33



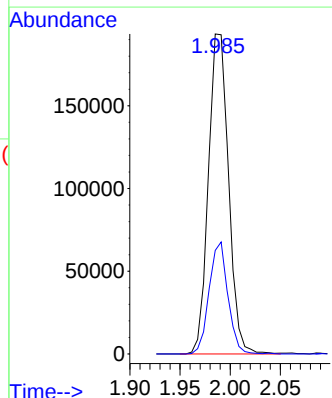
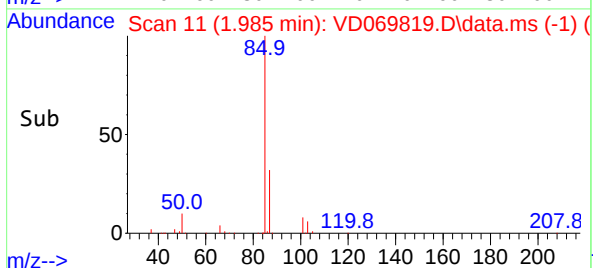
Tgt Ion: 168 Resp: 606301
Ion Ratio Lower Upper
168 100
99 62.1 51.1 76.7



#2
Dichlorodifluoromethane
Concen: 42.344 ug/l
RT: 1.985 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD069819.D
Acq: 22 Jul 2021 20:33



Tgt Ion: 85 Resp: 270224
Ion Ratio Lower Upper
85 100
87 32.4 16.1 48.3

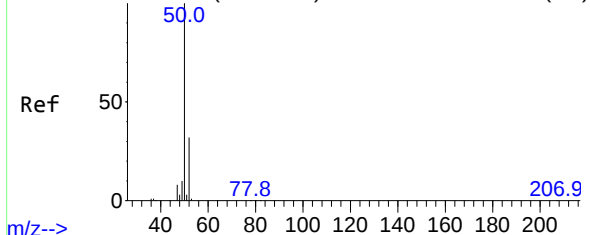


Instrument :
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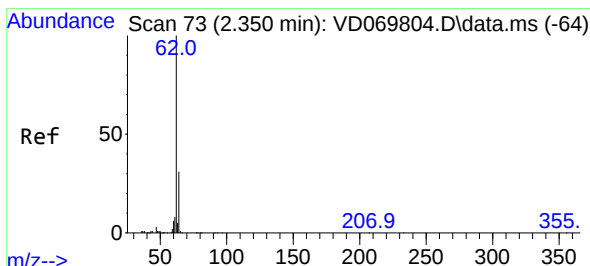
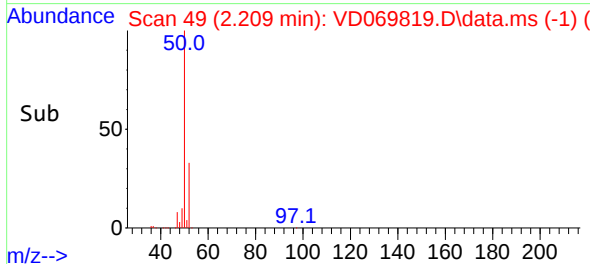
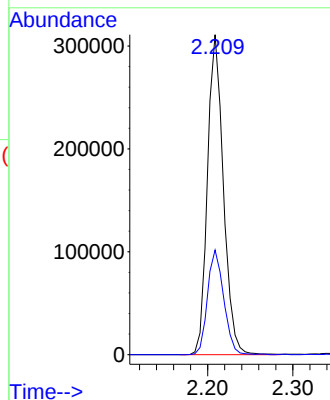
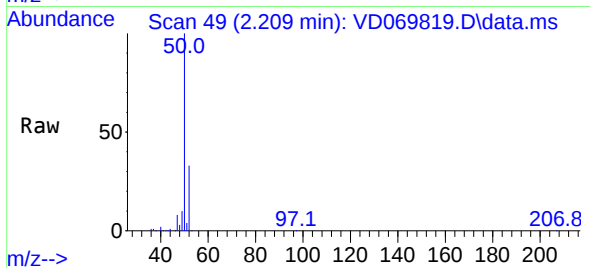
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Abundance Scan 49 (2.209 min): VD069804.D\data.ms (-40)



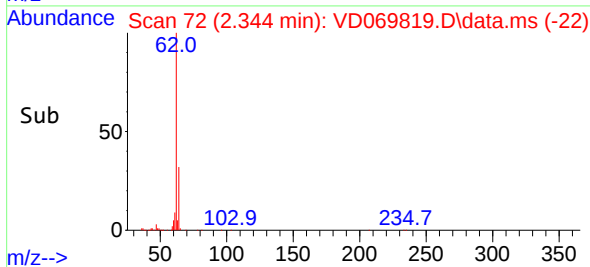
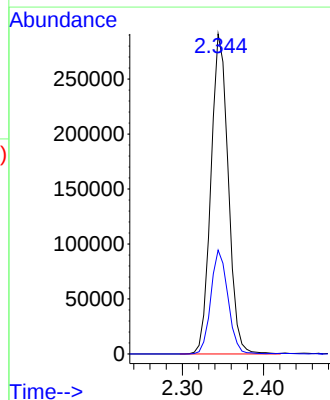
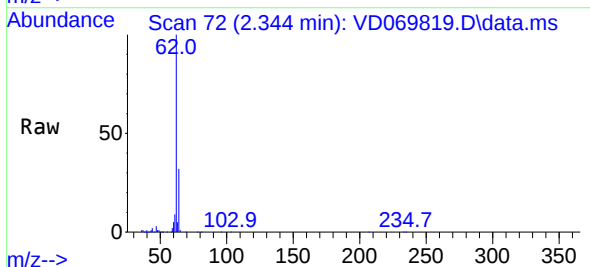
#3
Chloromethane
Concen: 43.582 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD069819.D
Acq: 22 Jul 2021 20:33

Tgt Ion: 50 Resp: 403448
Ion Ratio Lower Upper
50 100
52 32.7 25.7 38.5



#4
Vinyl Chloride
Concen: 44.320 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.006 min
Lab File: VD069819.D
Acq: 22 Jul 2021 20:33

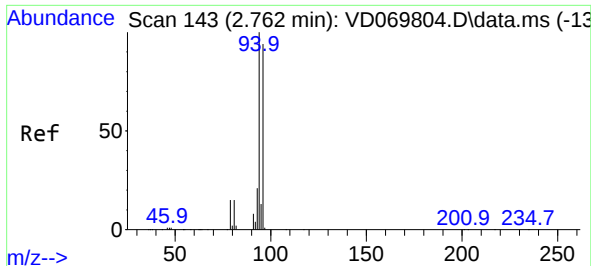
Tgt Ion: 62 Resp: 431534
Ion Ratio Lower Upper
62 100
64 32.5 25.0 37.4



Instrument :
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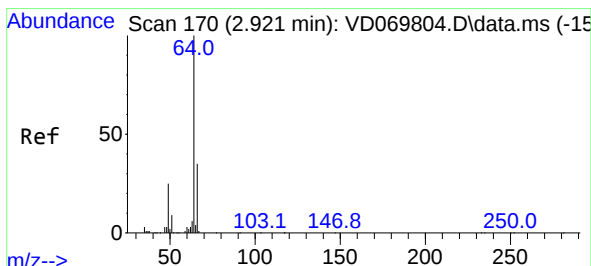
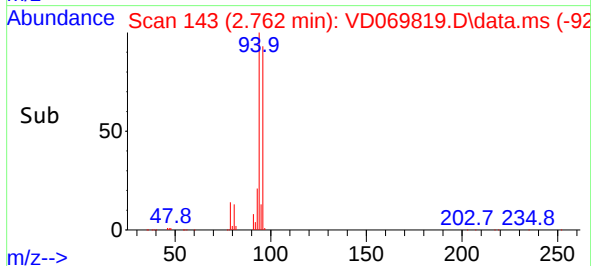
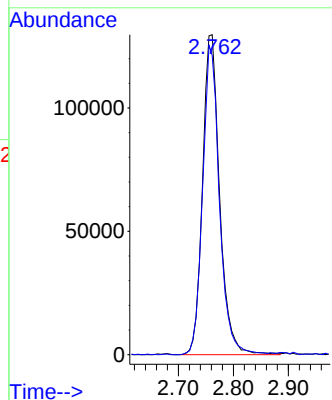
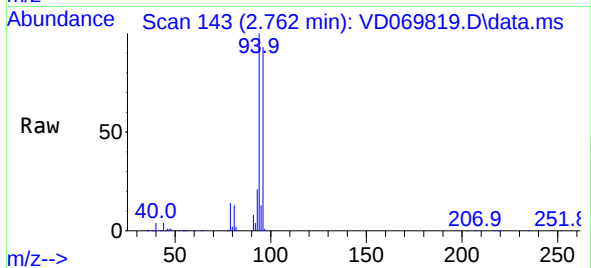
#5
Bromomethane
Concen: 48.710 ug/l
RT: 2.762 min Scan# 143
Delta R.T. -0.000 min
Lab File: VD069819.D
Acq: 22 Jul 2021 20:33

Tgt Ion: 94 Resp: 280084
Ion Ratio Lower Upper
94 100
96 93.5 74.8 112.2

Instrument :
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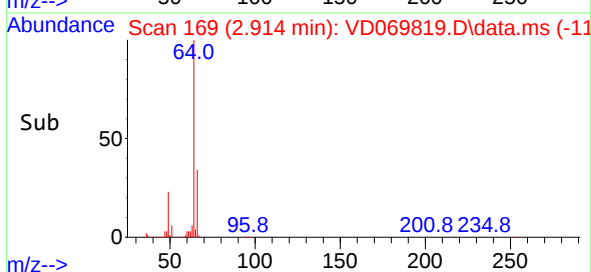
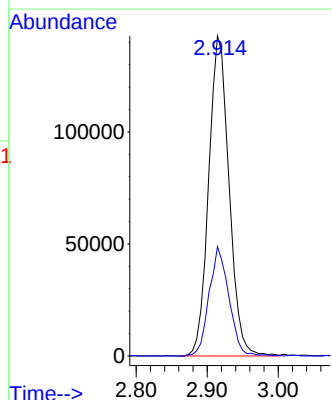
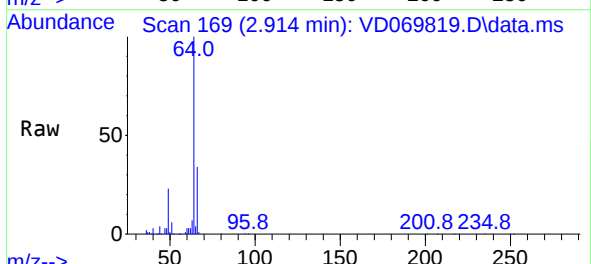
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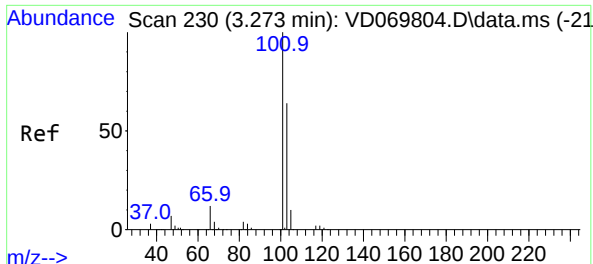
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#6
Chloroethane
Concen: 45.141 ug/l
RT: 2.914 min Scan# 169
Delta R.T. -0.006 min
Lab File: VD069819.D
Acq: 22 Jul 2021 20:33

Tgt Ion: 64 Resp: 284884
Ion Ratio Lower Upper
64 100
66 34.2 27.8 41.6





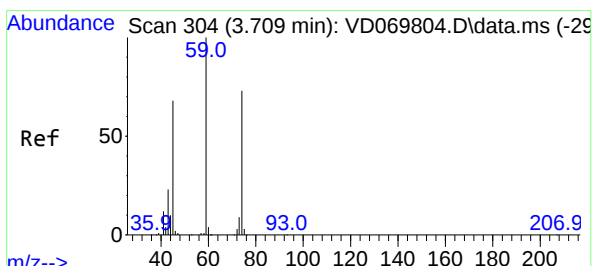
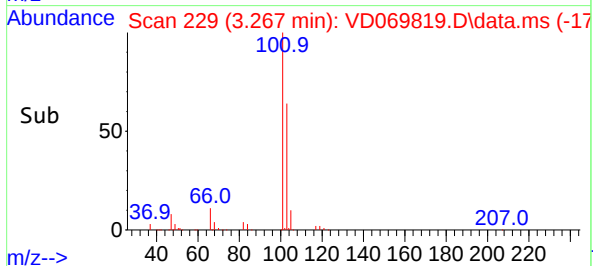
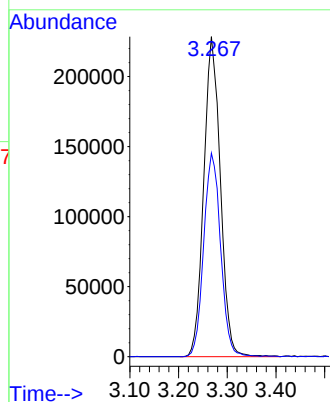
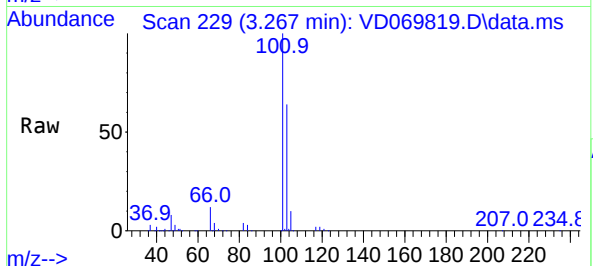
#7
Trichlorofluoromethane
Concen: 45.048 ug/l
RT: 3.267 min Scan# 229
Delta R.T. -0.006 min
Lab File: VD069819.D
Acq: 22 Jul 2021 20:33

Tgt Ion:101 Resp: 541470
Ion Ratio Lower Upper
101 100
103 63.6 51.3 76.9

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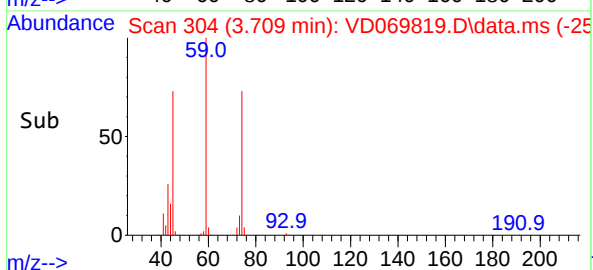
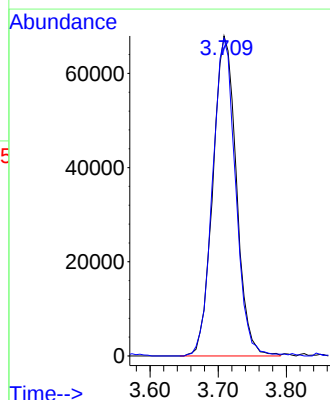
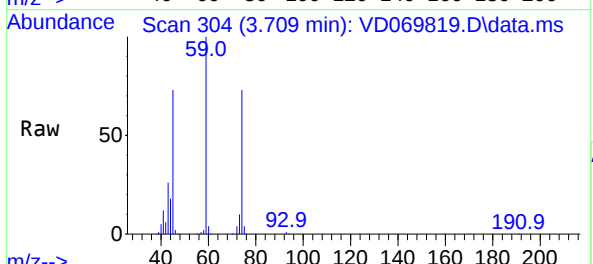
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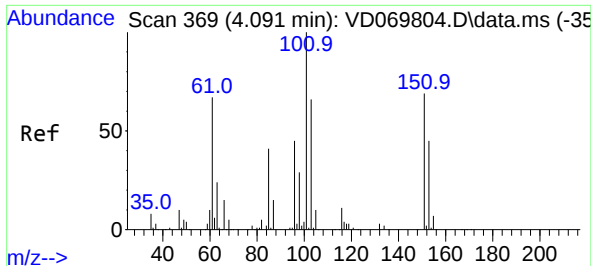
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#8
Diethyl Ether
Concen: 48.070 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.000 min
Lab File: VD069819.D
Acq: 22 Jul 2021 20:33

Tgt Ion: 74 Resp: 162521
Ion Ratio Lower Upper
74 100
45 97.5 46.8 140.4





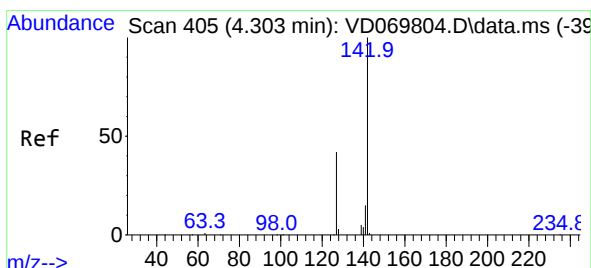
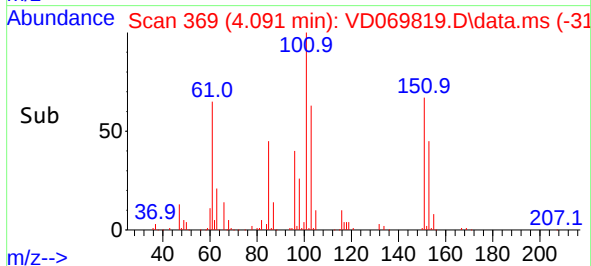
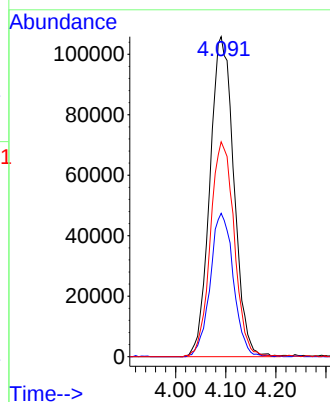
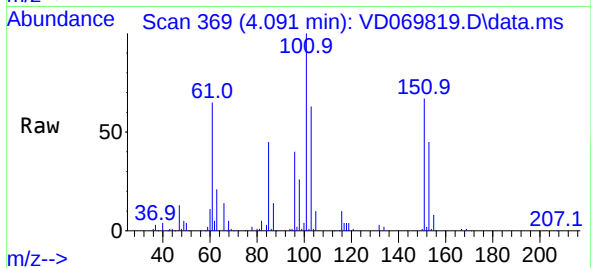
#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.042 ug/l
RT: 4.091 min Scan# 369
Delta R.T. -0.000 min
Lab File: VD069819.D
Acq: 22 Jul 2021 20:33

Tgt Ion:101 Resp: 351481
Ion Ratio Lower Upper
101 100
85 43.3 34.7 52.1
151 66.9 55.4 83.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

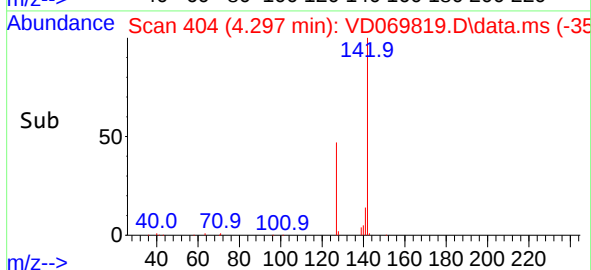
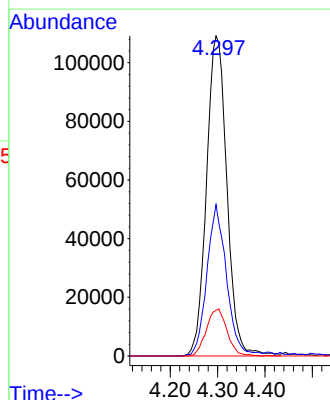
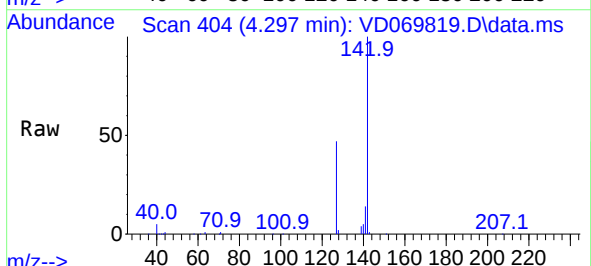
Manual Integrations
APPROVED

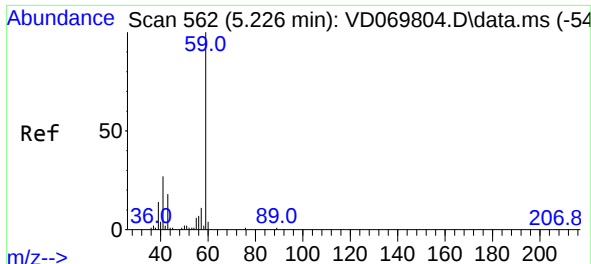
MMDadoda
7/23/2021 5:15:55 PM



#10
Methyl Iodide
Concen: 43.829 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD069819.D
Acq: 22 Jul 2021 20:33

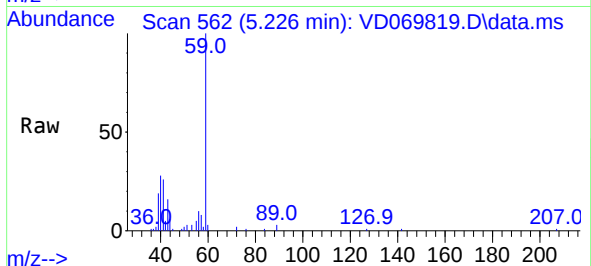
Tgt Ion:142 Resp: 326880
Ion Ratio Lower Upper
142 100
127 45.5 35.7 53.5
141 14.8 12.0 18.0





#11
Tert butyl alcohol
Concen: 240.243 ug/l
RT: 5.226 min Scan# 562
Delta R.T. -0.000 min
Lab File: VD069819.D
Acq: 22 Jul 2021 20:33

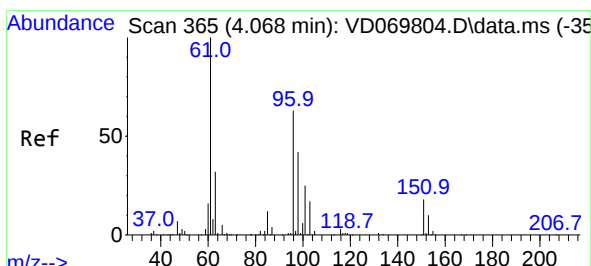
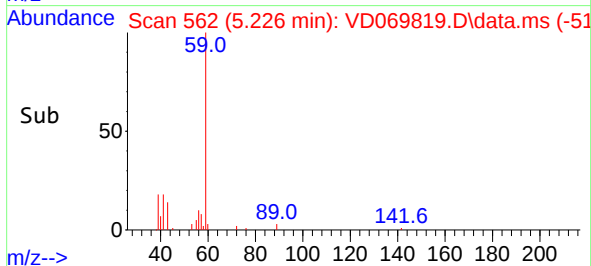
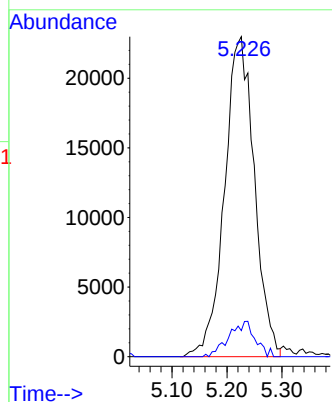
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



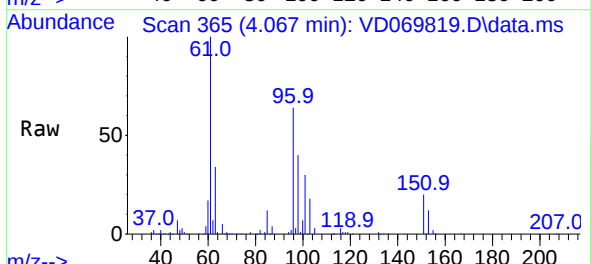
Tgt Ion: 59 Resp: 86683
Ion Ratio Lower Upper
59 100
57 9.8 8.1 12.1

Manual Integrations
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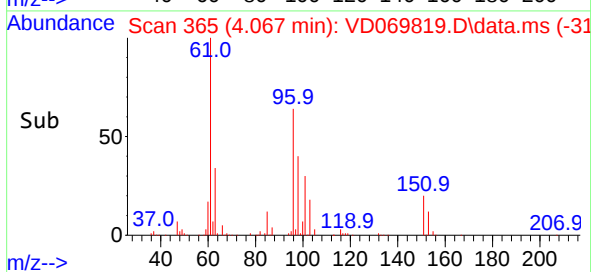
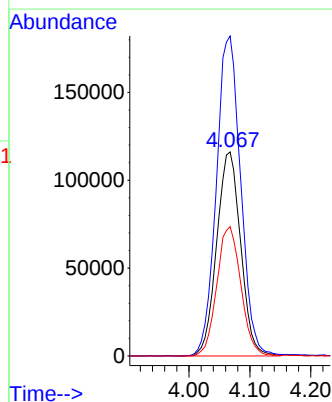
MMDadoda
7/23/2021 5:15:55 PM

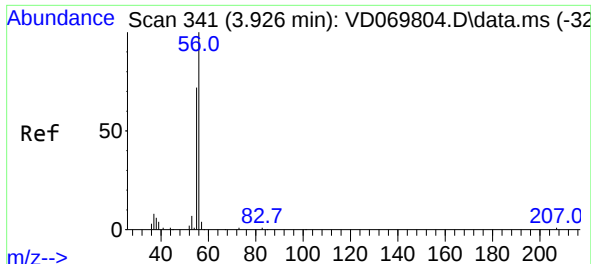


#12
1,1-Dichloroethene
Concen: 45.750 ug/l
RT: 4.067 min Scan# 365
Delta R.T. -0.000 min
Lab File: VD069819.D
Acq: 22 Jul 2021 20:33



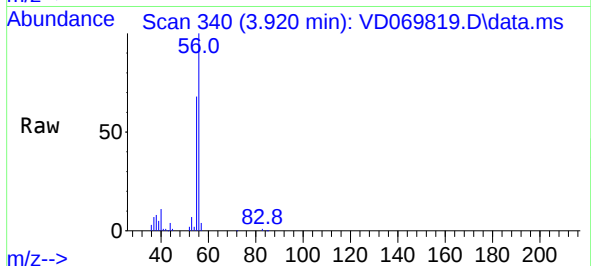
Tgt Ion: 96 Resp: 317366
Ion Ratio Lower Upper
96 100
61 156.9 126.9 190.3
98 63.4 53.2 79.8





#13
Acrolein
Concen: 214.573 ug/l
RT: 3.920 min Scan# 340
Delta R.T. -0.006 min
Lab File: VD069819.D
Acq: 22 Jul 2021 20:33

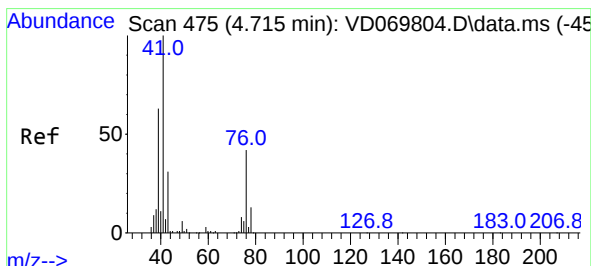
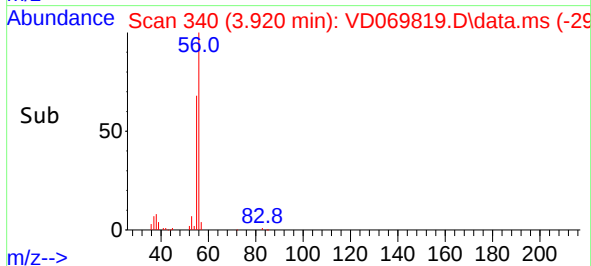
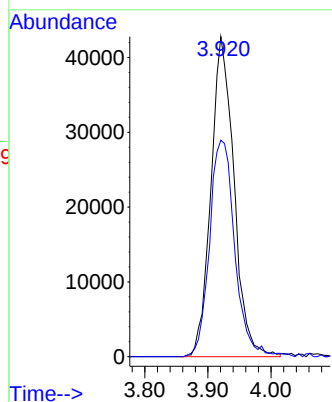
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 108377
Ion Ratio Lower Upper
56 100
55 74.1 57.2 85.8

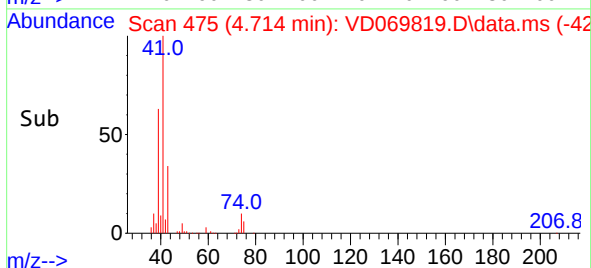
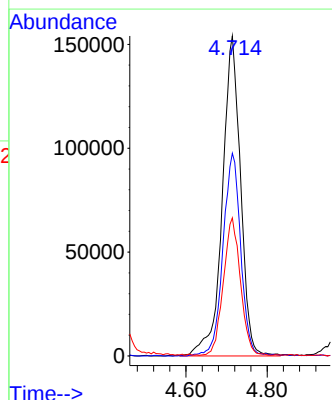
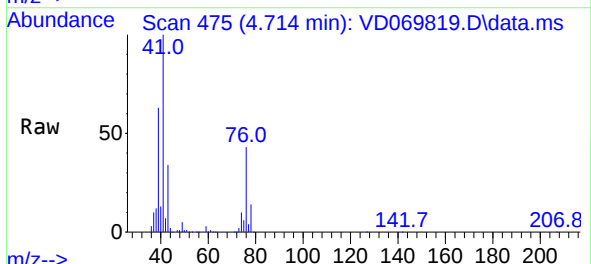
Manual Integrations
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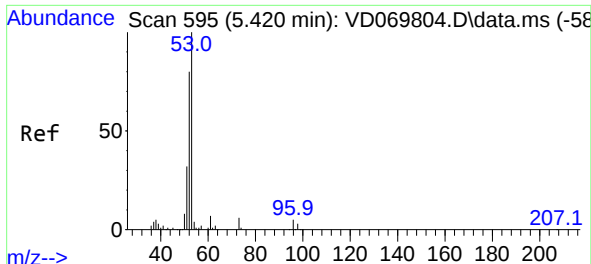
MMDadoda
7/23/2021 5:15:55 PM



#14
Allyl chloride
Concen: 47.287 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.000 min
Lab File: VD069819.D
Acq: 22 Jul 2021 20:33

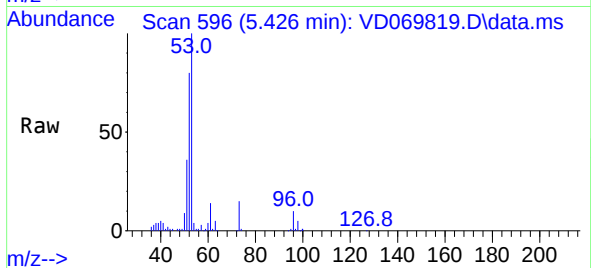
Tgt Ion: 41 Resp: 480933
Ion Ratio Lower Upper
41 100
39 61.5 49.8 74.6
76 40.1 31.8 47.8





#15
Acrylonitrile
Concen: 257.154 ug/l
RT: 5.426 min Scan# 596
Delta R.T. 0.006 min
Lab File: VD069819.D
Acq: 22 Jul 2021 20:33

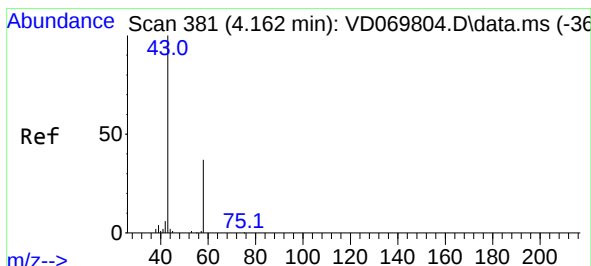
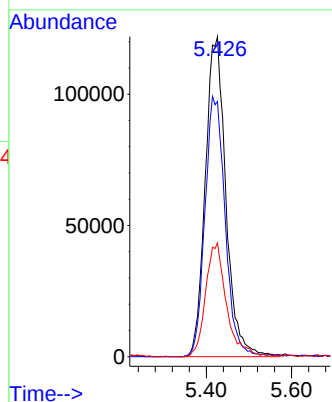
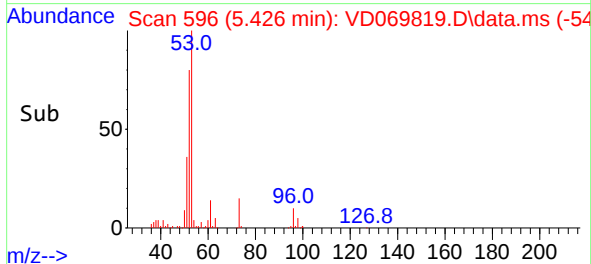
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



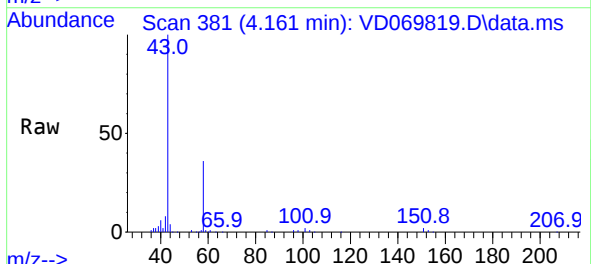
Tgt Ion: 53 Resp: 408992
Ion Ratio Lower Upper
53 100
52 79.8 65.3 97.9
51 35.7 28.3 42.5

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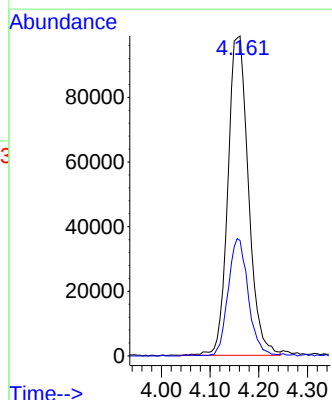
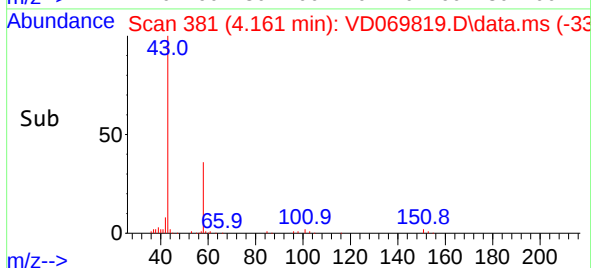
MMDadoda
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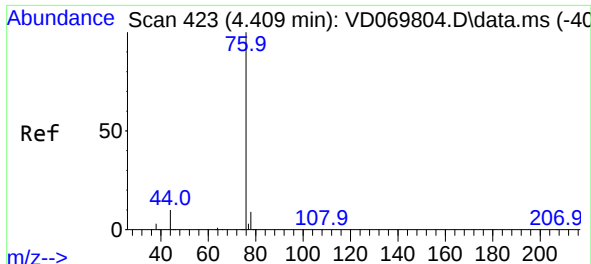


#16
Acetone
Concen: 229.807 ug/l
RT: 4.161 min Scan# 381
Delta R.T. -0.000 min
Lab File: VD069819.D
Acq: 22 Jul 2021 20:33



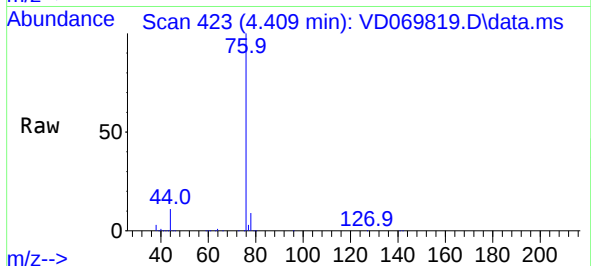
Tgt Ion: 43 Resp: 289475
Ion Ratio Lower Upper
43 100
58 36.2 29.4 44.0





#17
Carbon Disulfide
Concen: 45.817 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.000 min
Lab File: VD069819.D
Acq: 22 Jul 2021 20:33

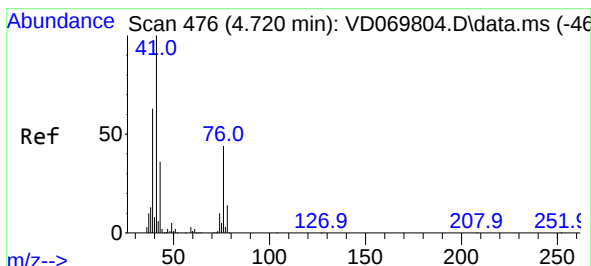
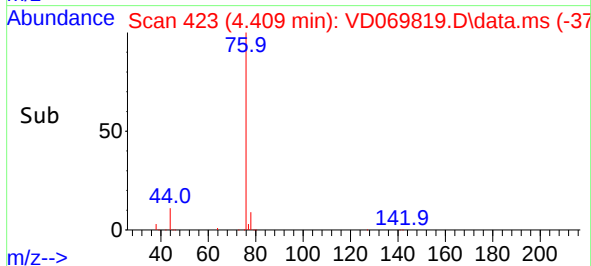
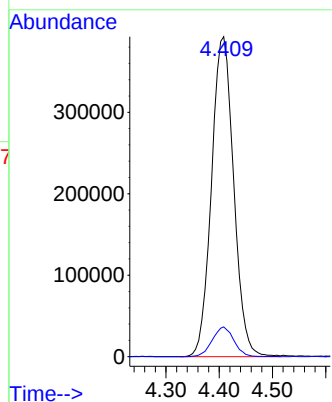
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 1136409
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9

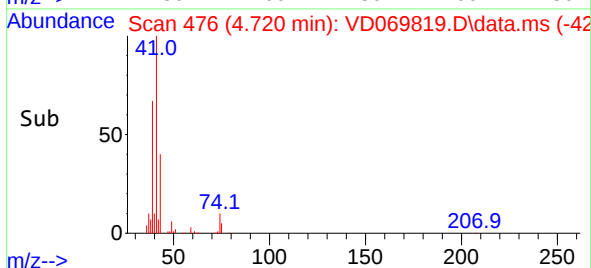
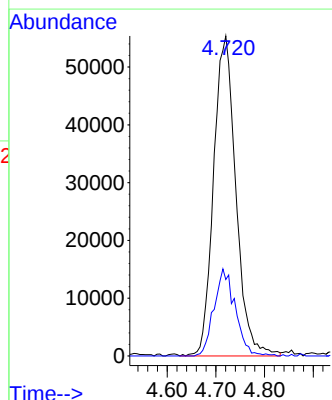
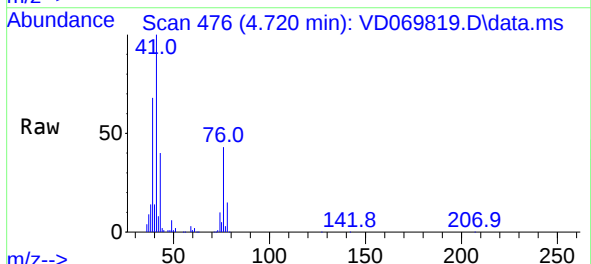
Manual Integrations
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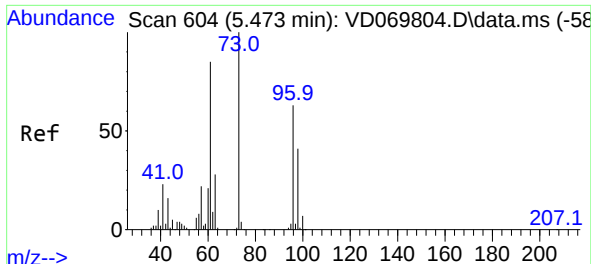
MMDadoda
7/23/2021 5:15:55 PM



#18
Methyl Acetate
Concen: 48.226 ug/l
RT: 4.720 min Scan# 476
Delta R.T. -0.000 min
Lab File: VD069819.D
Acq: 22 Jul 2021 20:33

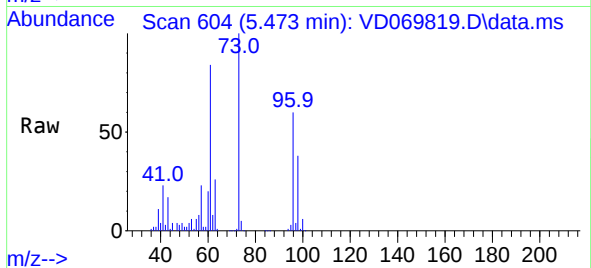
Tgt Ion: 43 Resp: 176260
Ion Ratio Lower Upper
43 100
74 26.0 21.4 32.2





#19
Methyl tert-butyl Ether
Concen: 51.987 ug/l
RT: 5.473 min Scan# 604
Delta R.T. -0.000 min
Lab File: VD069819.D
Acq: 22 Jul 2021 20:33

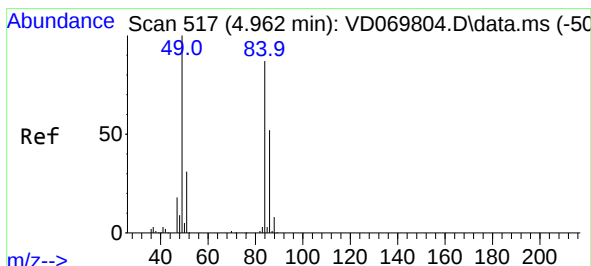
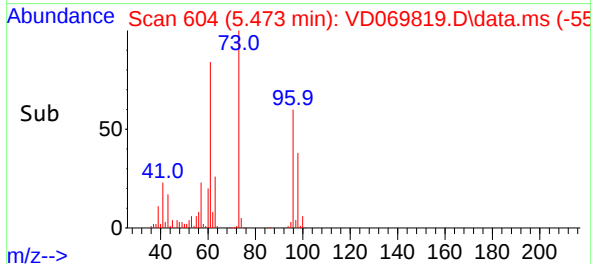
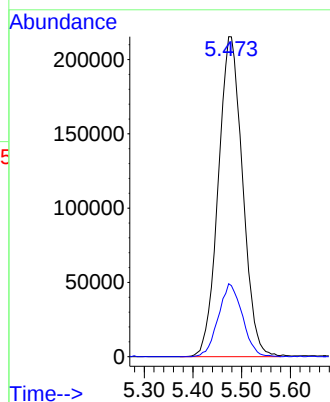
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 747202
Ion Ratio Lower Upper
73 100
57 22.8 17.8 26.8

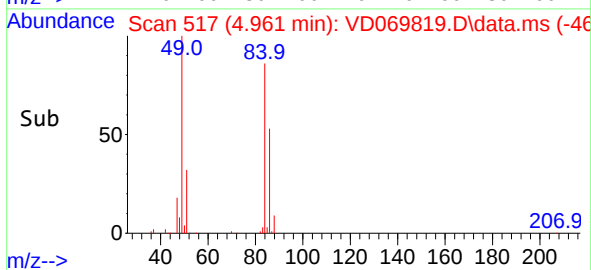
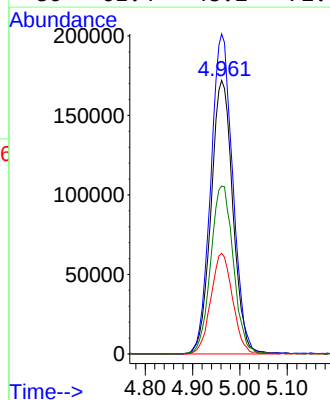
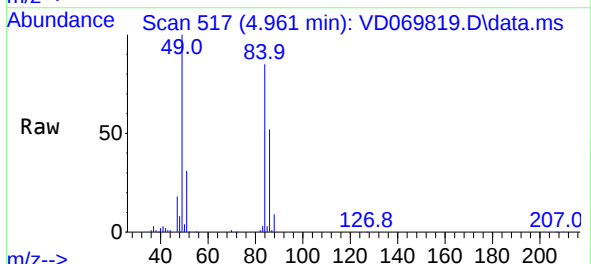
Manual Integrations
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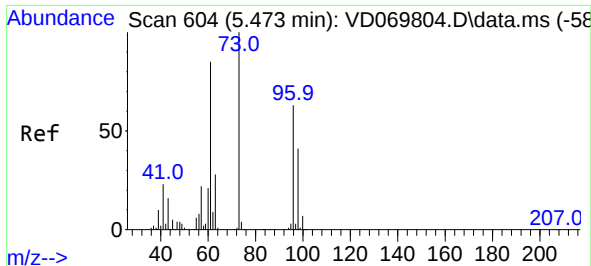
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#20
Methylene Chloride
Concen: 61.772 ug/l
RT: 4.961 min Scan# 517
Delta R.T. -0.001 min
Lab File: VD069819.D
Acq: 22 Jul 2021 20:33

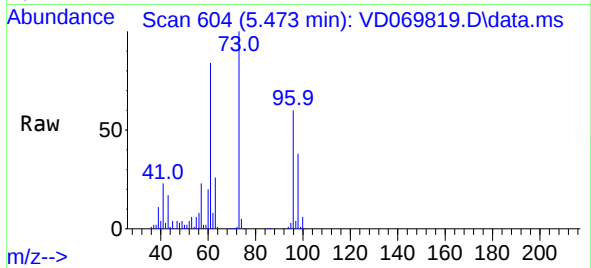
Tgt Ion: 84 Resp: 550001
Ion Ratio Lower Upper
84 100
49 117.0 92.4 138.6
51 36.8 28.5 42.7
86 61.4 48.2 72.4





#21
trans-1,2-Dichloroethene
Concen: 48.017 ug/l
RT: 5.473 min Scan# 604
Delta R.T. -0.000 min
Lab File: VD069819.D
Acq: 22 Jul 2021 20:33

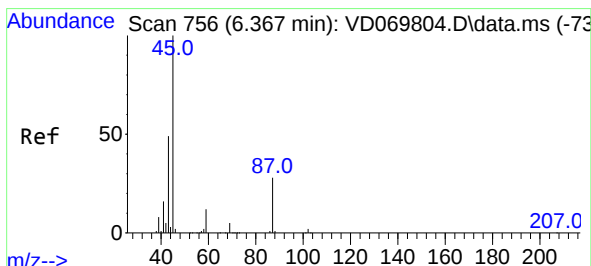
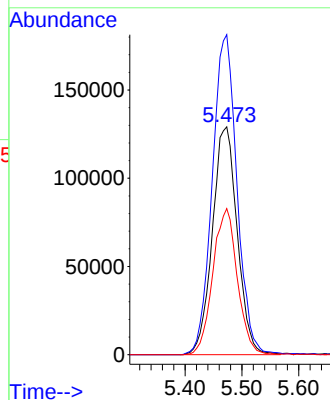
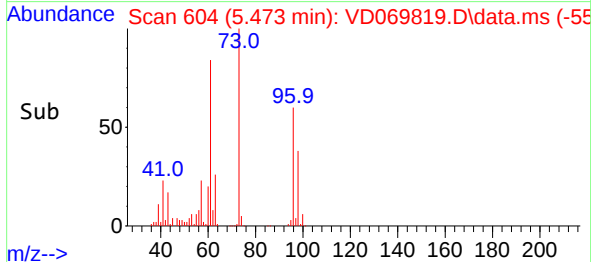
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



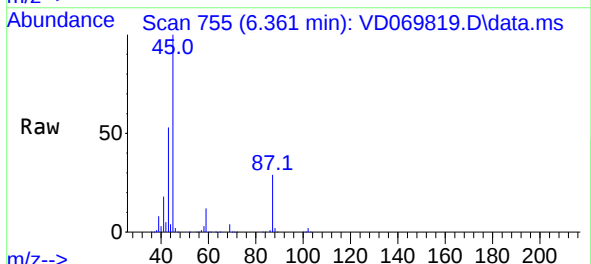
Tgt Ion: 96 Resp: 392494
Ion Ratio Lower Upper
96 100
61 140.5 107.0 160.6
98 64.1 52.3 78.5

Manual Integrations
APPROVED

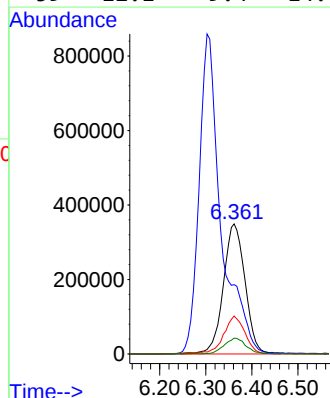
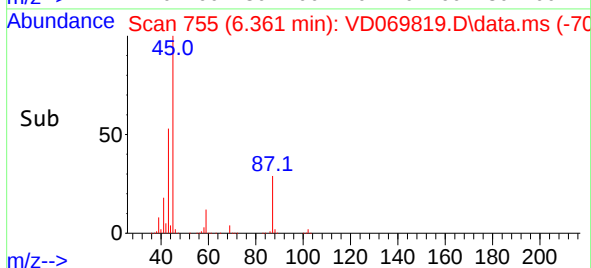
MMDadoda
7/23/2021 5:15:55 PM

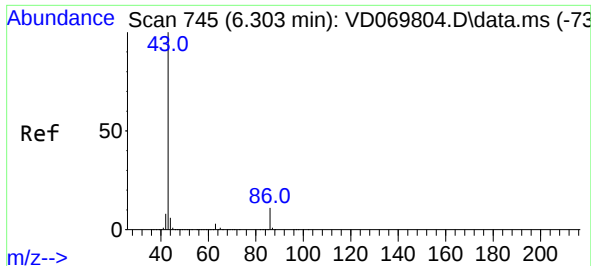


#22
Diisopropyl ether
Concen: 51.537 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.006 min
Lab File: VD069819.D
Acq: 22 Jul 2021 20:33



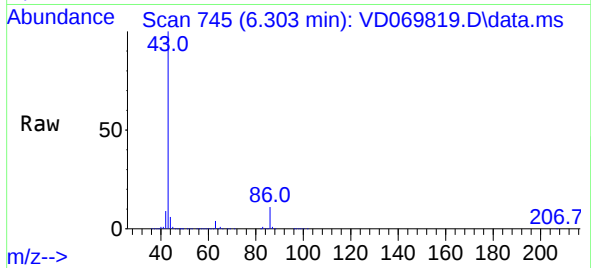
Tgt Ion: 45 Resp: 1139002
Ion Ratio Lower Upper
45 100
43 52.4 39.2 58.8
87 29.0 22.3 33.5
59 12.1 9.4 14.0



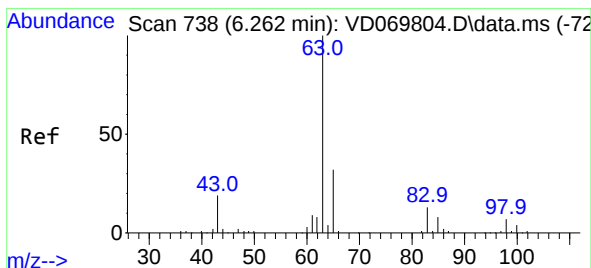
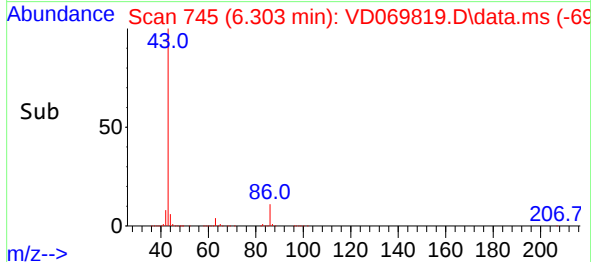
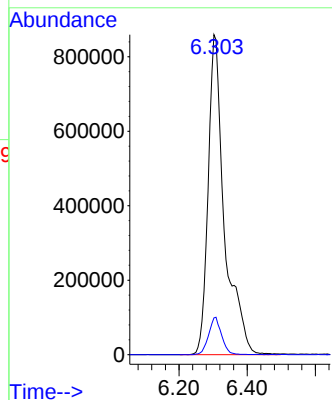


#23
 Vinyl Acetate
 Concen: 236.755 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. -0.000 min
 Lab File: VD069819.D
 Acq: 22 Jul 2021 20:33

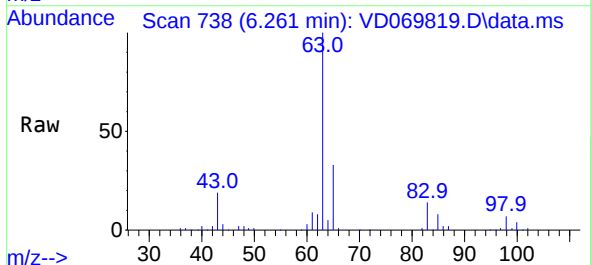
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC



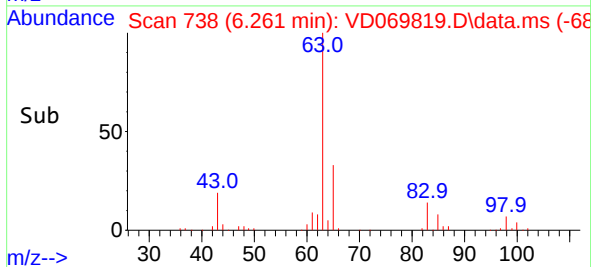
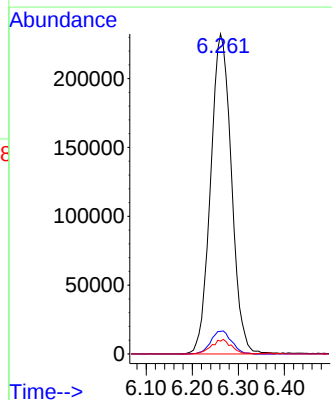
Tgt Ion: 43 Resp: 2864050
 Ion Ratio Lower Upper
 43 100
 86 11.5 8.6 13.0

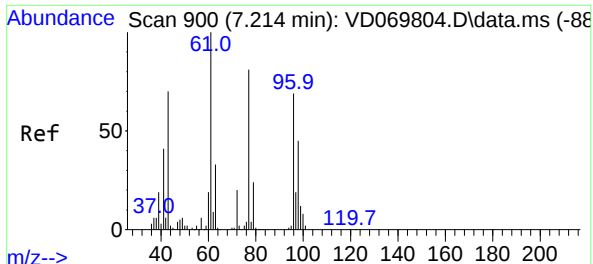


#24
 1,1-Dichloroethane
 Concen: 47.851 ug/l
 RT: 6.261 min Scan# 738
 Delta R.T. -0.000 min
 Lab File: VD069819.D
 Acq: 22 Jul 2021 20:33



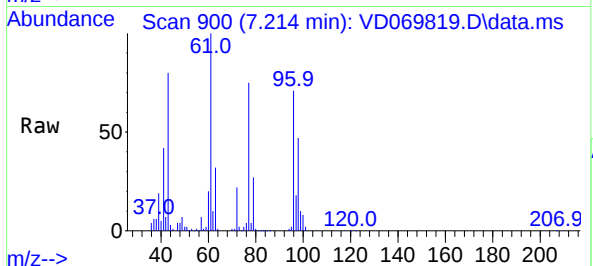
Tgt Ion: 63 Resp: 730434
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.6 10.8
 100 4.0 2.2 6.6





#25
2-Butanone
Concen: 262.074 ug/l
RT: 7.214 min Scan# 900
Delta R.T. -0.000 min
Lab File: VD069819.D
Acq: 22 Jul 2021 20:33

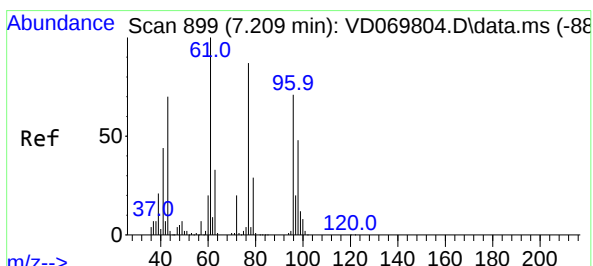
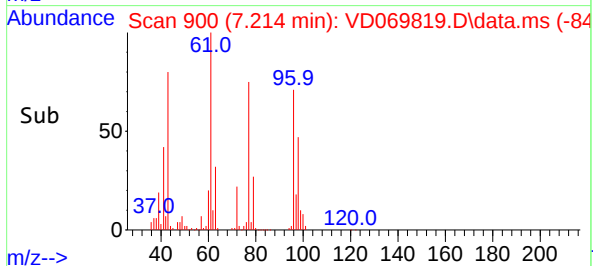
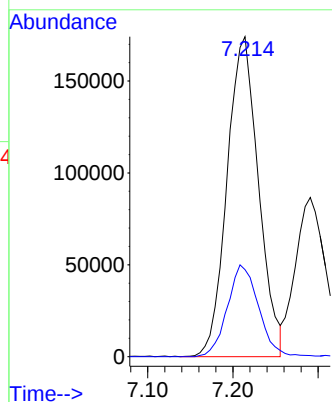
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



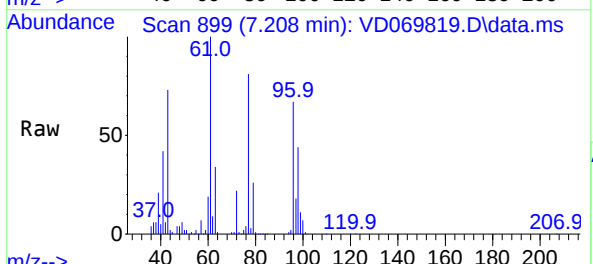
Tgt Ion: 43 Resp: 447684
Ion Ratio Lower Upper
43 100
72 27.2 22.8 34.2

Manual Integrations
APPROVED

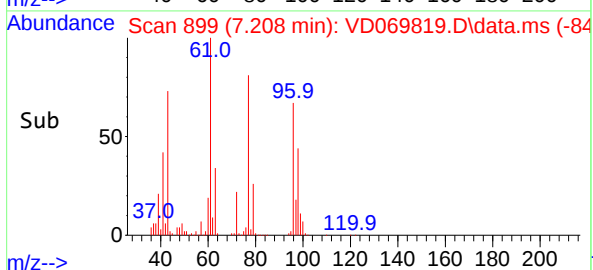
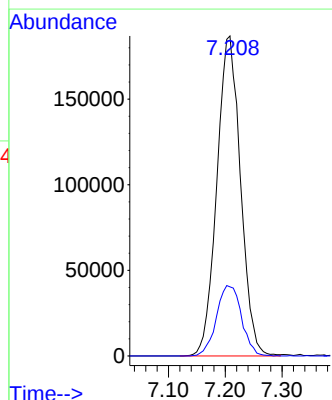
MMDadoda
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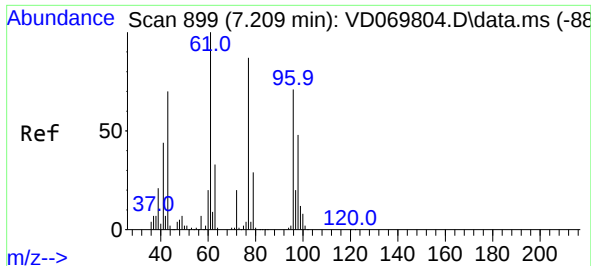


#26
2,2-Dichloropropane
Concen: 46.633 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.000 min
Lab File: VD069819.D
Acq: 22 Jul 2021 20:33

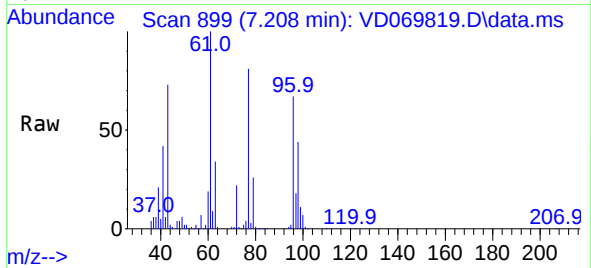


Tgt Ion: 77 Resp: 541278
Ion Ratio Lower Upper
77 100
97 23.3 11.9 35.7

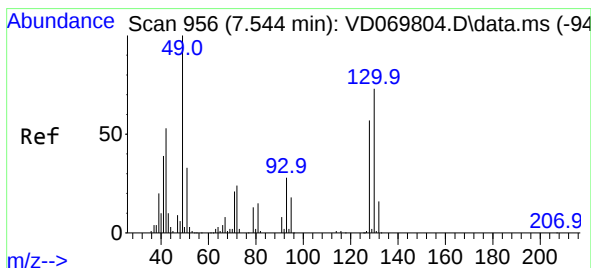
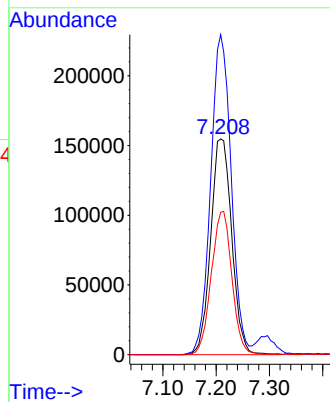
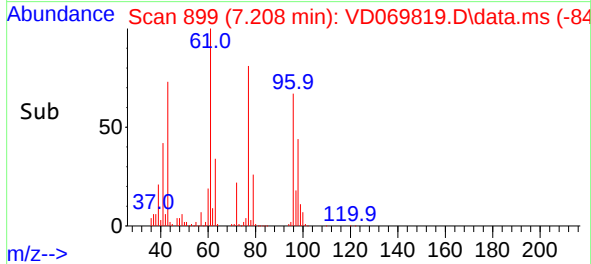




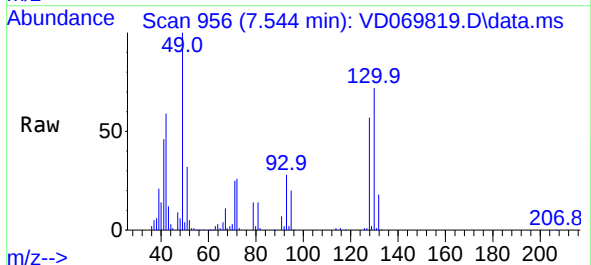
#27
cis-1,2-Dichloroethene
Concen: 48.856 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.000 min
Lab File: VD069819.D
Acq: 22 Jul 2021 20:33



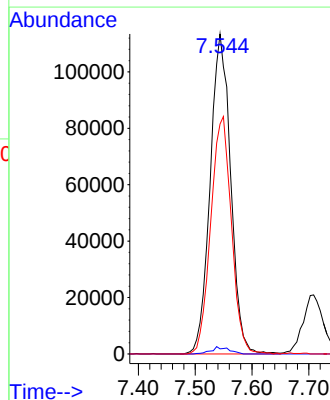
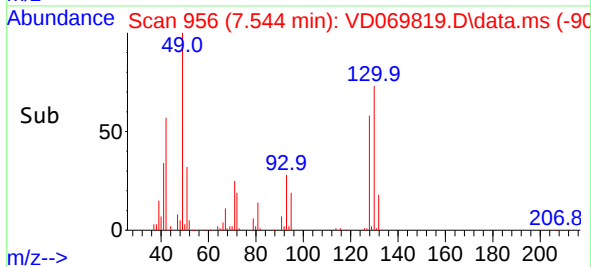
Tgt Ion: 96 Resp: 426135
Ion Ratio Lower Upper
96 100
61 143.9 0.0 291.6
98 64.8 0.0 132.0



#28
Bromochloromethane
Concen: 48.977 ug/l
RT: 7.544 min Scan# 956
Delta R.T. -0.000 min
Lab File: VD069819.D
Acq: 22 Jul 2021 20:33



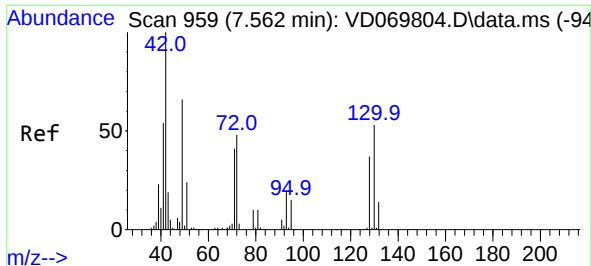
Tgt Ion: 49 Resp: 283852
Ion Ratio Lower Upper
49 100
129 1.9 0.0 4.2
130 74.8 59.6 89.4



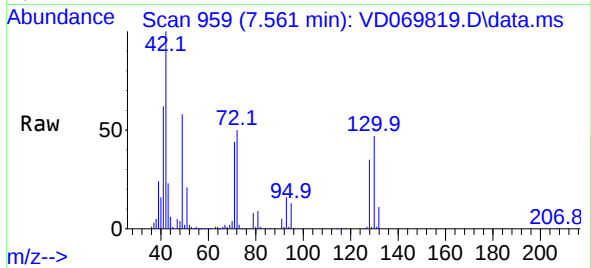
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

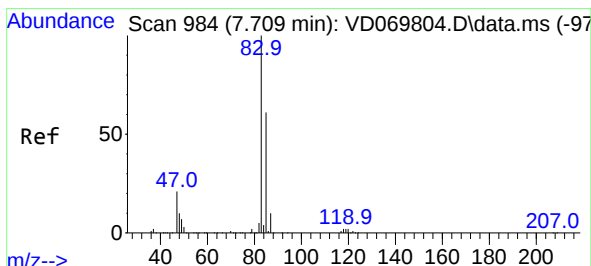
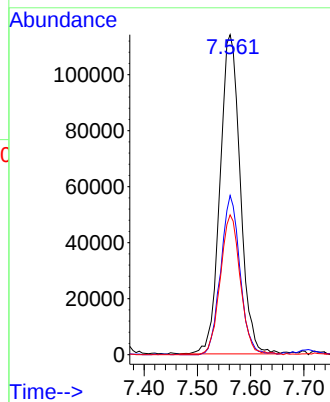
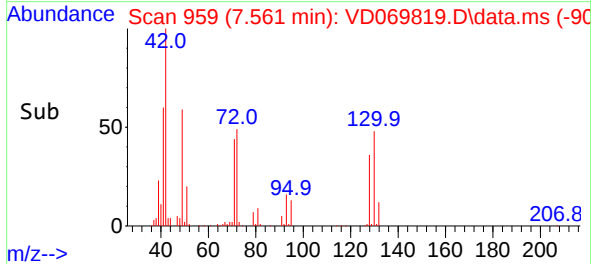
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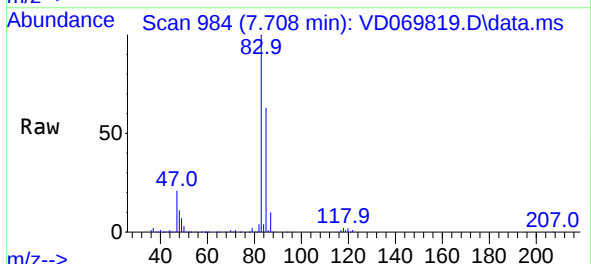
#29
Tetrahydrofuran
Concen: 272.714 ug/l
RT: 7.561 min Scan# 959
Delta R.T. -0.000 min
Lab File: VD069819.D
Acq: 22 Jul 2021 20:33



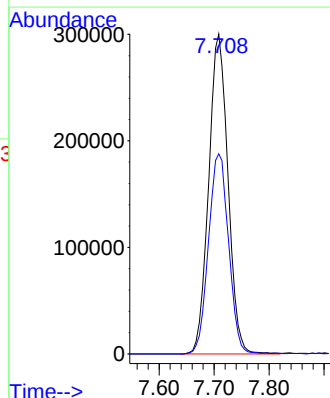
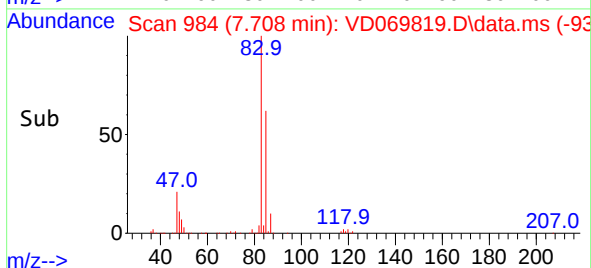
Tgt Ion: 42 Resp: 301396
Ion Ratio Lower Upper
42 100
72 47.5 36.5 54.7
71 43.4 33.5 50.3



#30
Chloroform
Concen: 47.702 ug/l
RT: 7.708 min Scan# 984
Delta R.T. -0.000 min
Lab File: VD069819.D
Acq: 22 Jul 2021 20:33



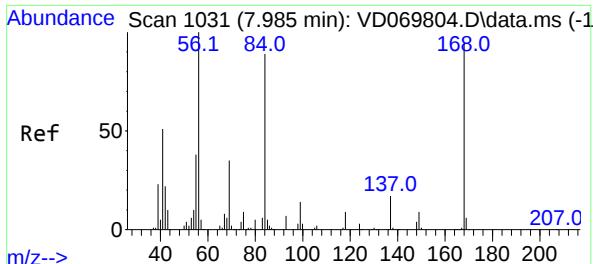
Tgt Ion: 83 Resp: 732110
Ion Ratio Lower Upper
83 100
85 62.5 49.1 73.7



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

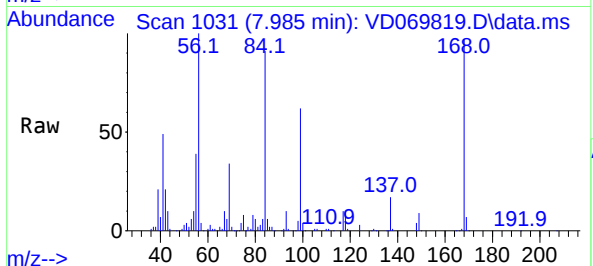
Manual Integrations
APPROVED

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#31
Cyclohexane
Concen: 45.195 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD069819.D
Acq: 22 Jul 2021 20:33

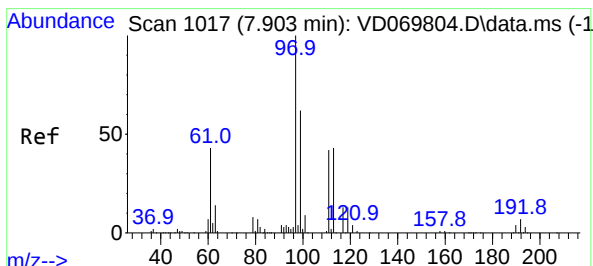
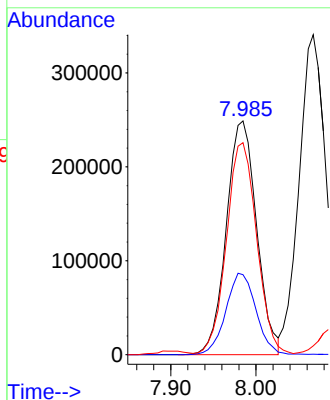
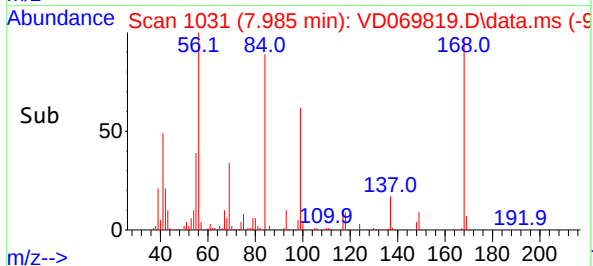
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



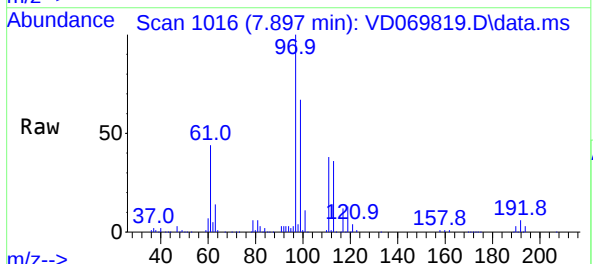
Tgt Ion: 56 Resp: 615764
Ion Ratio Lower Upper
56 100
69 34.3 27.9 41.9
84 89.2 71.4 107.2

Manual Integrations
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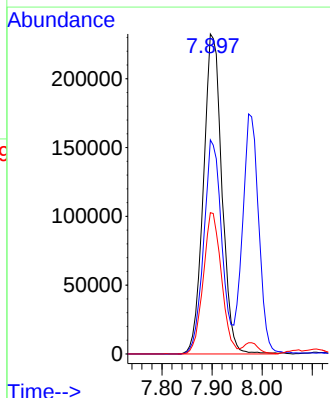
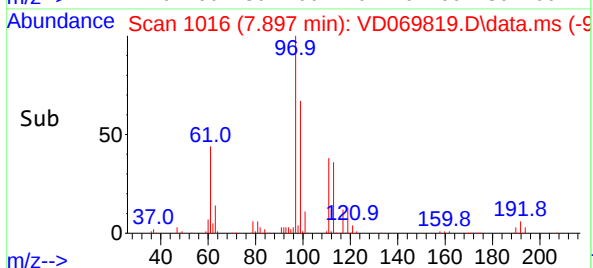
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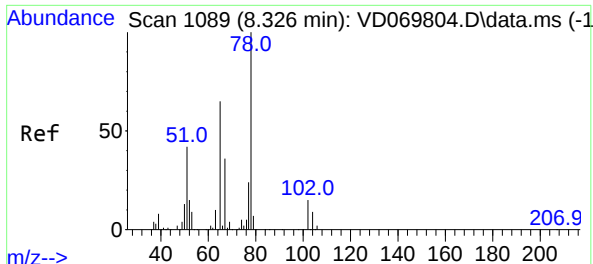


#32
1,1,1-Trichloroethane
Concen: 46.836 ug/l
RT: 7.897 min Scan# 1016
Delta R.T. -0.006 min
Lab File: VD069819.D
Acq: 22 Jul 2021 20:33



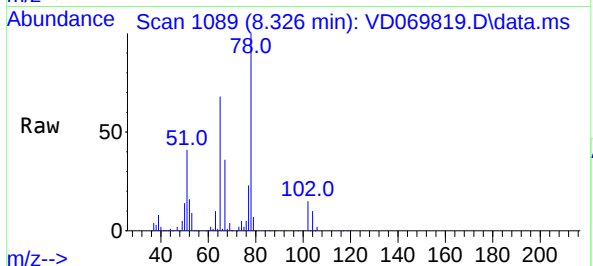
Tgt Ion: 97 Resp: 594986
Ion Ratio Lower Upper
97 100
99 65.8 50.8 76.2
61 43.8 34.5 51.7





#33
1,2-Dichloroethane-d4
Concen: 49.182 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD069819.D
Acq: 22 Jul 2021 20:33

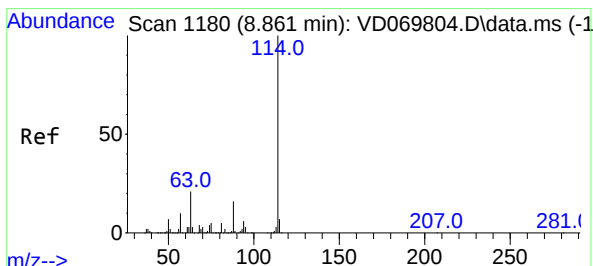
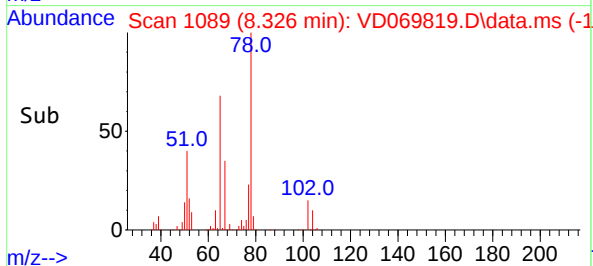
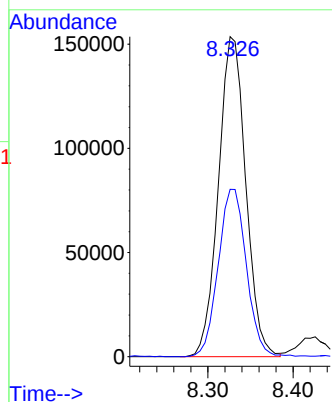
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



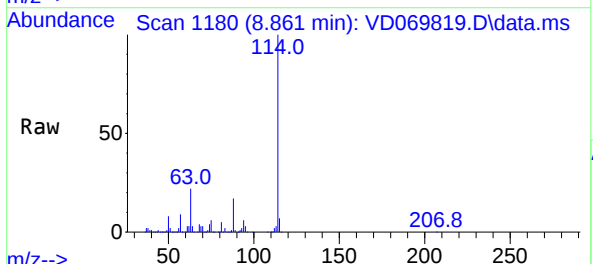
Tgt Ion: 65 Resp: 342947
Ion Ratio Lower Upper
65 100
67 53.9 0.0 111.2

Manual Integrations
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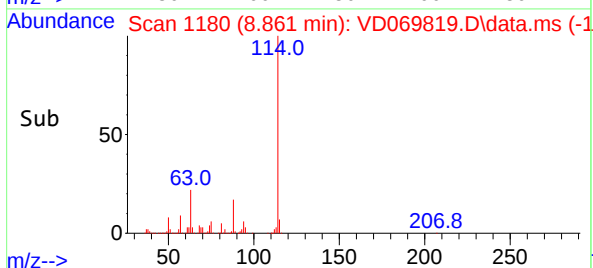
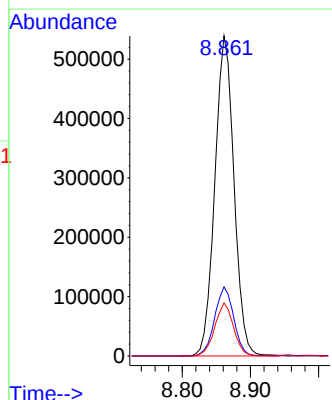
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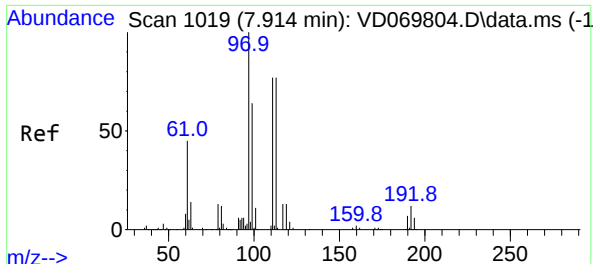


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069819.D
Acq: 22 Jul 2021 20:33



Tgt Ion: 114 Resp: 1054533
Ion Ratio Lower Upper
114 100
63 21.6 0.0 41.6
88 16.5 0.0 31.4





#35

Dibromofluoromethane

Concen: 50.776 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD069819.D

Acq: 22 Jul 2021 20:33

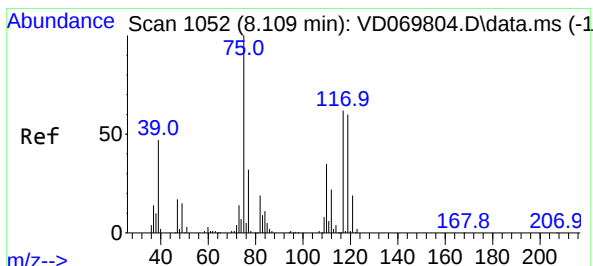
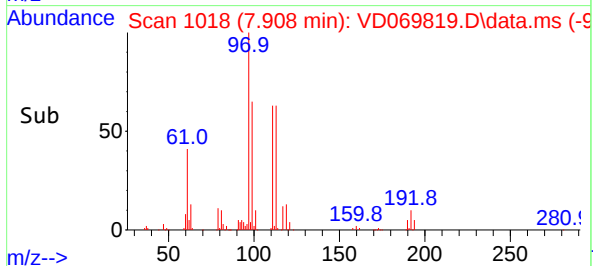
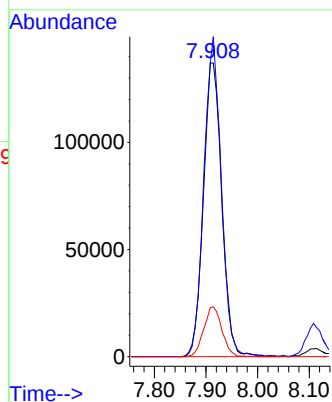
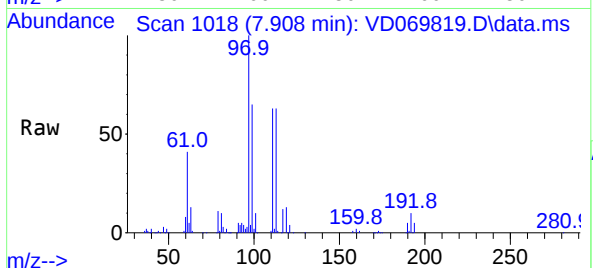
Tgt Ion:113 Resp: 337547

Ion Ratio Lower Upper

113 100

111 103.9 80.5 120.7

192 16.9 12.6 19.0



#36

1,1-Dichloropropene

Concen: 49.310 ug/l

RT: 8.108 min Scan# 1052

Delta R.T. -0.000 min

Lab File: VD069819.D

Acq: 22 Jul 2021 20:33

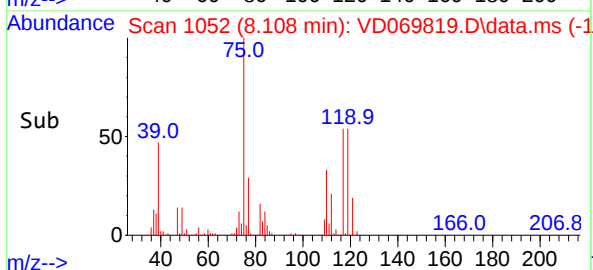
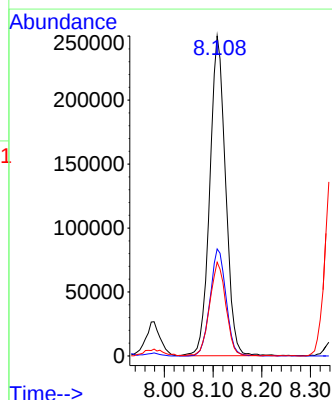
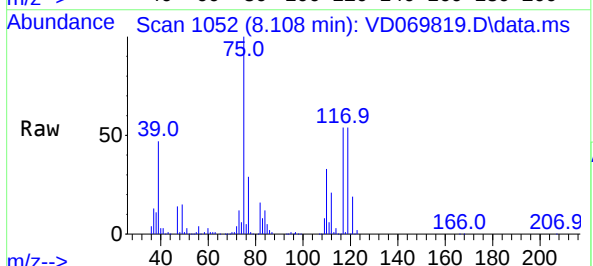
Tgt Ion: 75 Resp: 561152

Ion Ratio Lower Upper

75 100

110 33.7 16.9 50.7

77 30.2 24.9 37.3



Instrument :

MSVOA_D

ClientSampleId :

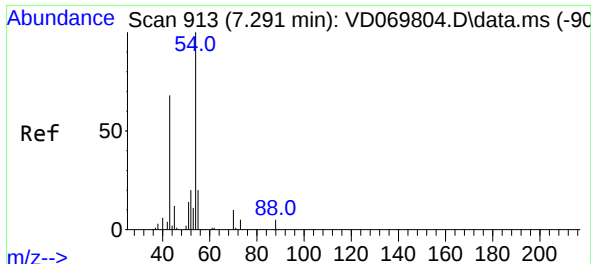
VSTDCCC050EC

Manual Integrations

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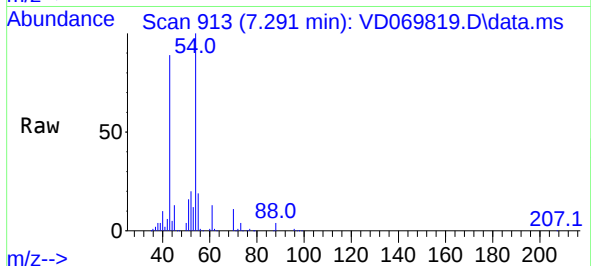
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#37
Ethyl Acetate
Concen: 53.692 ug/l
RT: 7.291 min Scan# 913
Delta R.T. -0.000 min
Lab File: VD069819.D
Acq: 22 Jul 2021 20:33

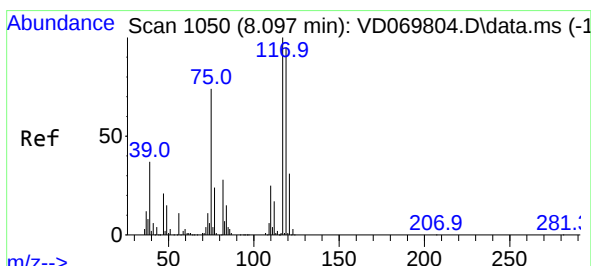
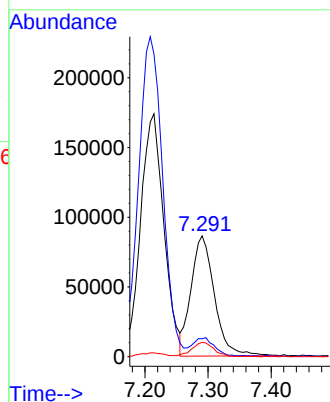
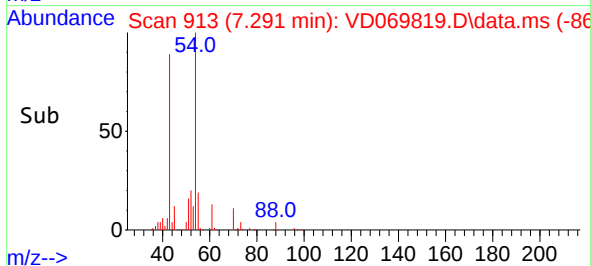
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



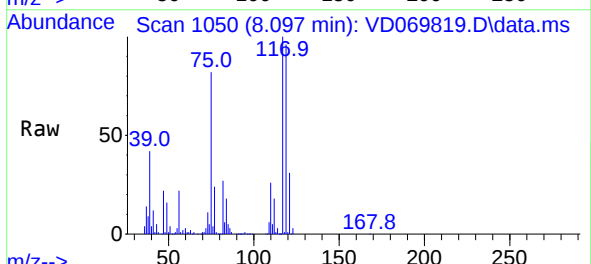
Tgt Ion: 43 Resp: 222441
Ion Ratio Lower Upper
43 100
61 13.4 11.8 17.8
70 11.4 8.9 13.3

Manual Integrations
APPROVED

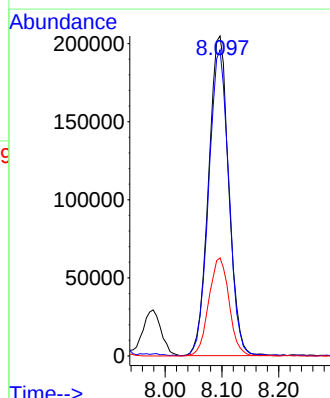
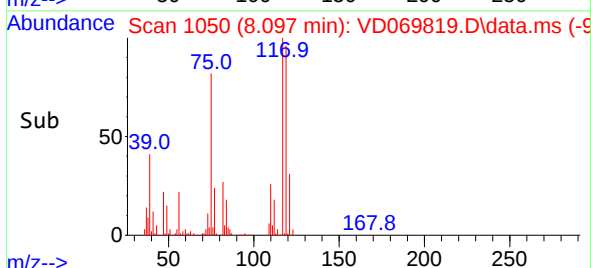
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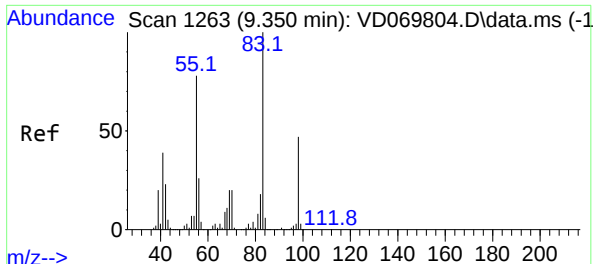


#38
Carbon Tetrachloride
Concen: 48.462 ug/l
RT: 8.097 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VD069819.D
Acq: 22 Jul 2021 20:33



Tgt Ion: 117 Resp: 503763
Ion Ratio Lower Upper
117 100
119 95.6 76.2 114.2
121 30.7 24.5 36.7





#39

Methylcyclohexane

Concen: 49.756 ug/l

RT: 9.355 min Scan# 1264

Delta R.T. 0.006 min

Lab File: VD069819.D

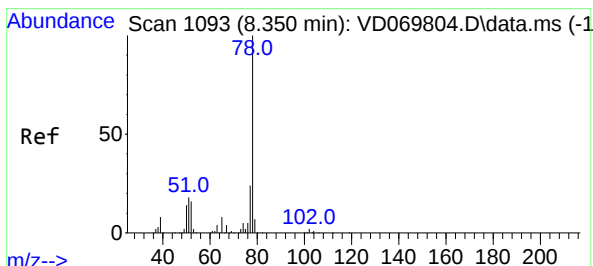
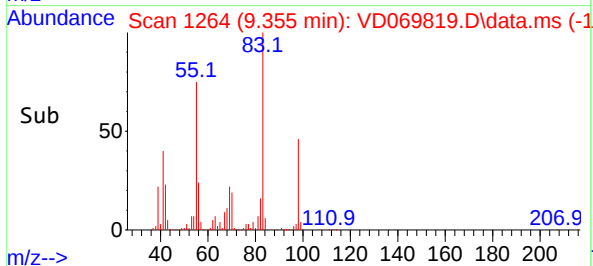
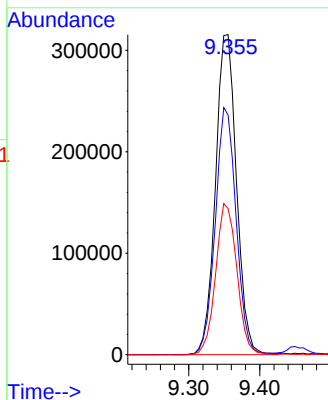
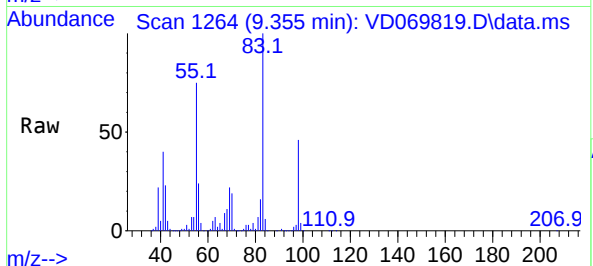
Acq: 22 Jul 2021 20:33

Tgt Ion:	83	Resp:	648489
Ion	Ratio	Lower	Upper
83	100		
55	74.9	62.2	93.2
98	45.6	37.8	56.8

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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#40

Benzene

Concen: 49.341 ug/l

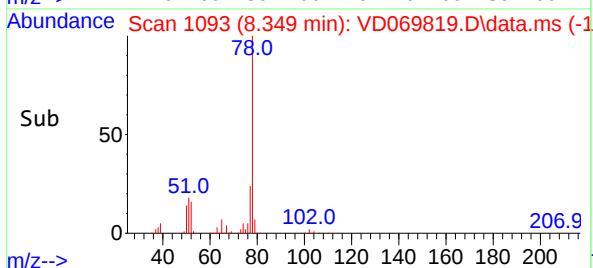
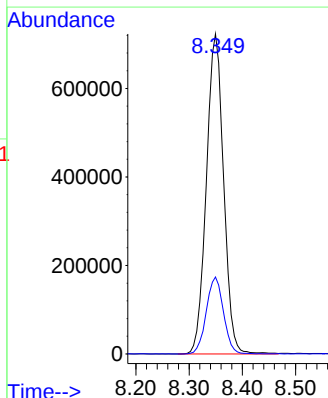
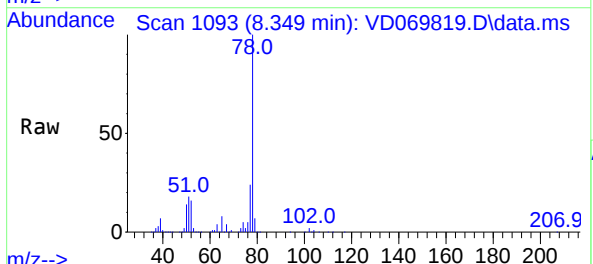
RT: 8.349 min Scan# 1093

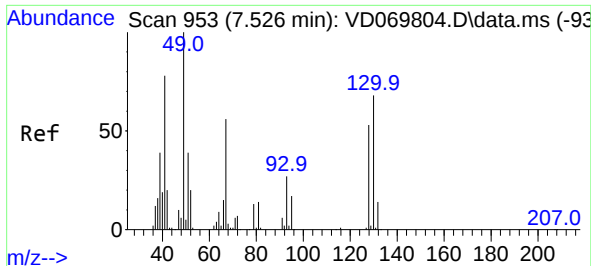
Delta R.T. -0.000 min

Lab File: VD069819.D

Acq: 22 Jul 2021 20:33

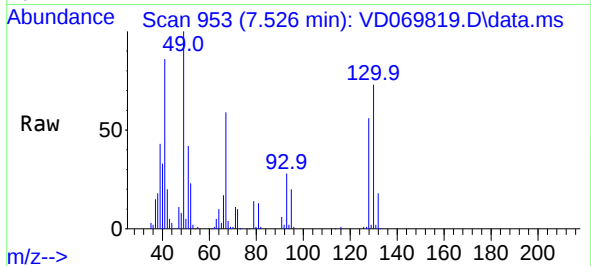
Tgt Ion:	78	Resp:	1626730
Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.4	29.0





#41
Methacrylonitrile
Concen: 57.117 ug/l
RT: 7.526 min Scan# 953
Delta R.T. -0.000 min
Lab File: VD069819.D
Acq: 22 Jul 2021 20:33

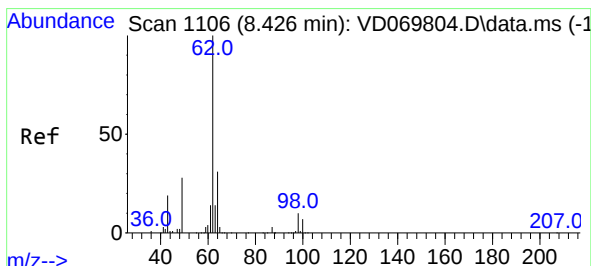
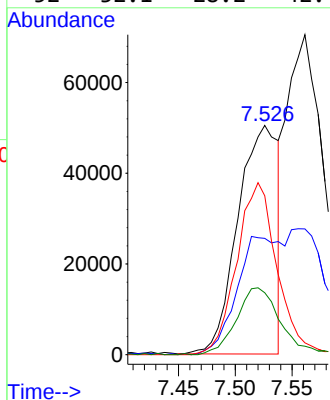
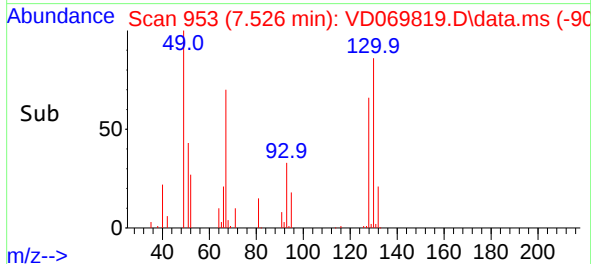
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



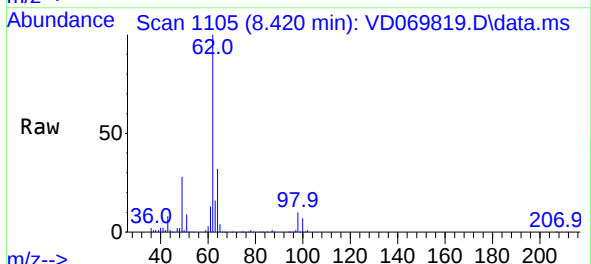
Tgt Ion: 41 Resp: 124181
Ion Ratio Lower Upper
41 100
39 45.7 46.7 70.1#
67 75.5 69.3 103.9
52 32.1 28.2 42.4

Manual Integrations
APPROVED

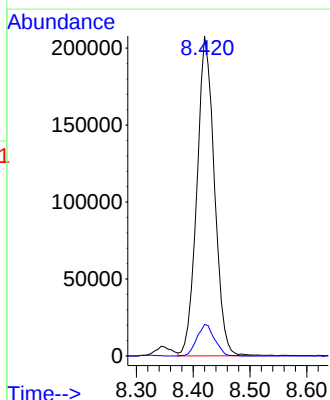
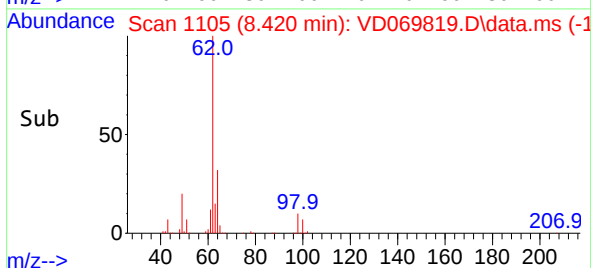
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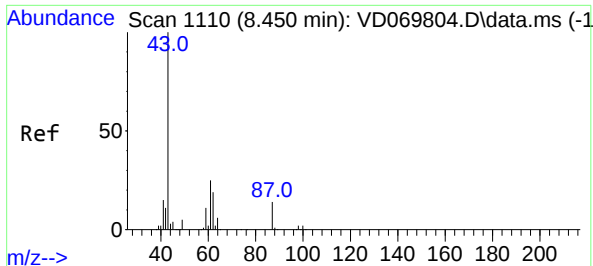


#42
1,2-Dichloroethane
Concen: 50.940 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VD069819.D
Acq: 22 Jul 2021 20:33



Tgt Ion: 62 Resp: 444158
Ion Ratio Lower Upper
62 100
98 10.0 0.0 20.4





#43

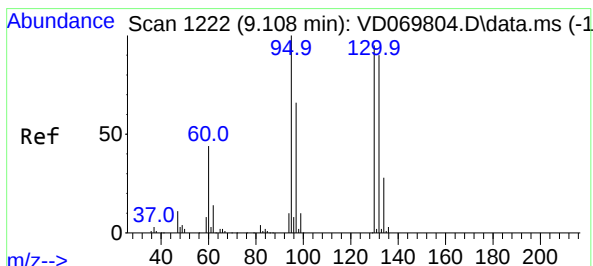
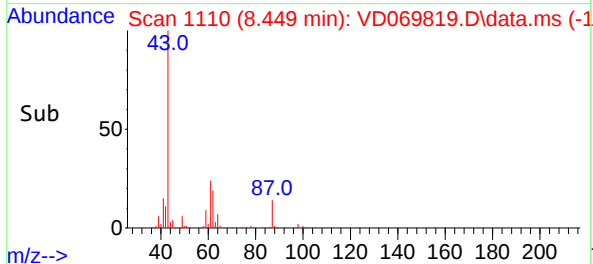
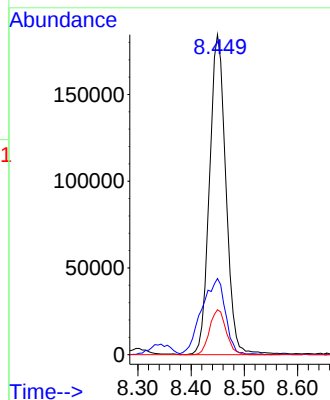
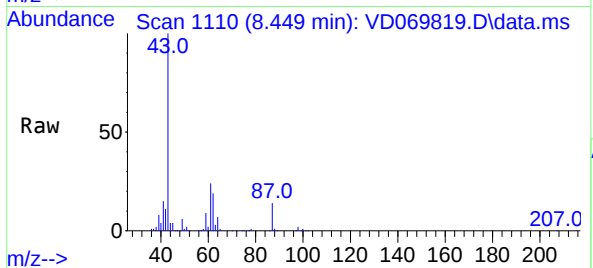
Isopropyl Acetate
Concen: 52.951 ug/l
RT: 8.449 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VD069819.D
Acq: 22 Jul 2021 20:33

Tgt Ion: 43 Resp: 393443
Ion Ratio Lower Upper
43 100
61 33.8 27.8 41.6
87 14.2 11.3 16.9

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

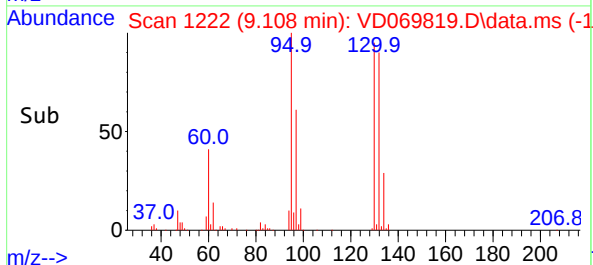
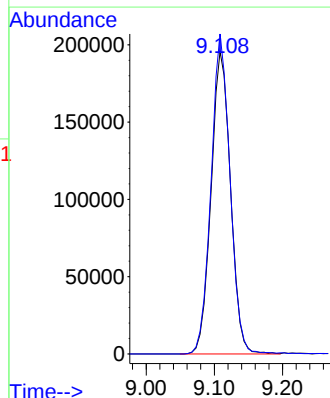
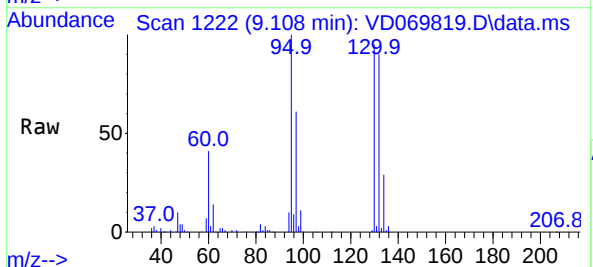
MMDadoda
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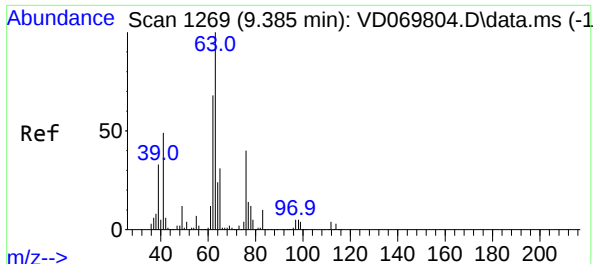


#44

Trichloroethene
Concen: 47.766 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD069819.D
Acq: 22 Jul 2021 20:33

Tgt Ion:130 Resp: 387821
Ion Ratio Lower Upper
130 100
95 105.8 0.0 210.8





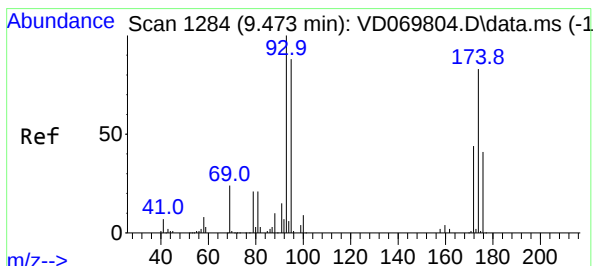
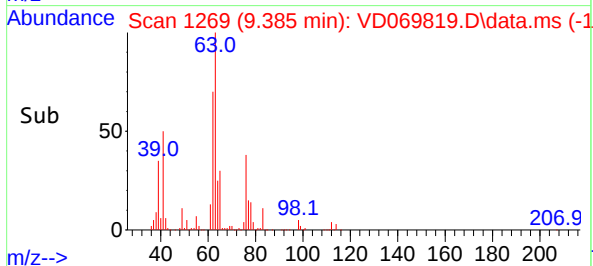
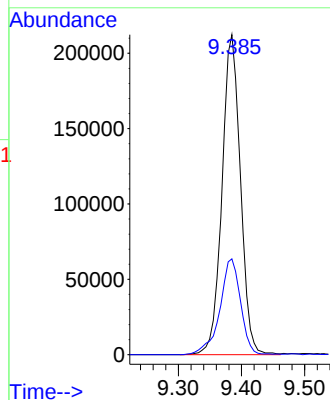
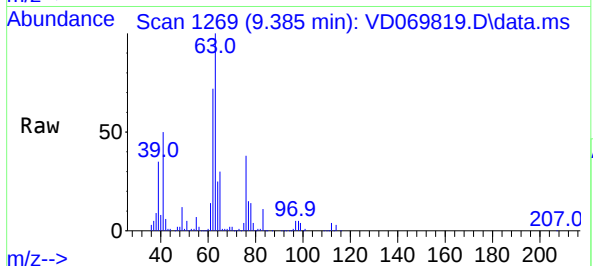
#45
1,2-Dichloropropane
Concen: 49.743 ug/l
RT: 9.385 min Scan# 1269
Delta R.T. -0.000 min
Lab File: VD069819.D
Acq: 22 Jul 2021 20:33

Tgt Ion: 63 Resp: 430779
Ion Ratio Lower Upper
63 100
65 29.9 24.9 37.3

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

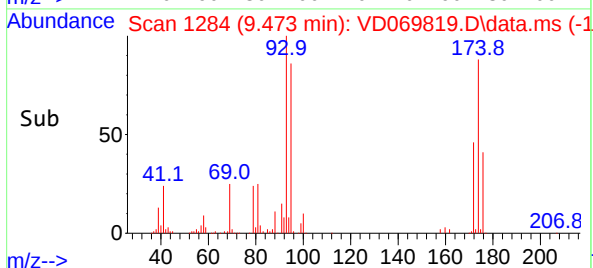
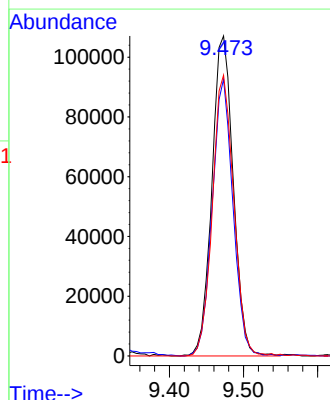
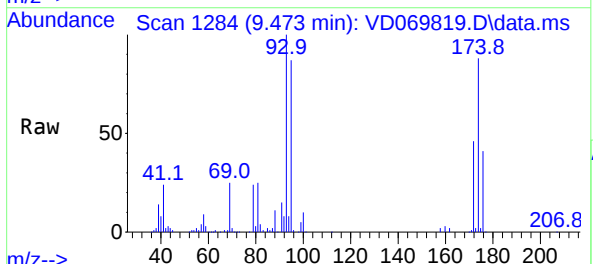
Manual Integrations
APPROVED

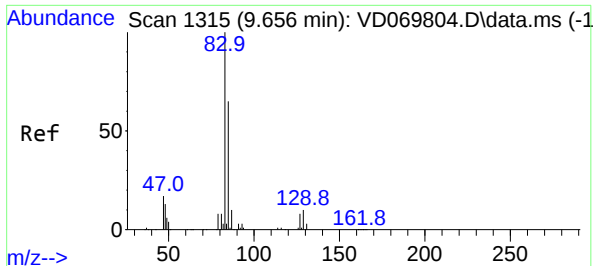
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#46
Dibromomethane
Concen: 50.334 ug/l
RT: 9.473 min Scan# 1284
Delta R.T. -0.000 min
Lab File: VD069819.D
Acq: 22 Jul 2021 20:33

Tgt Ion: 93 Resp: 214264
Ion Ratio Lower Upper
93 100
95 84.2 67.5 101.3
174 87.7 66.3 99.5





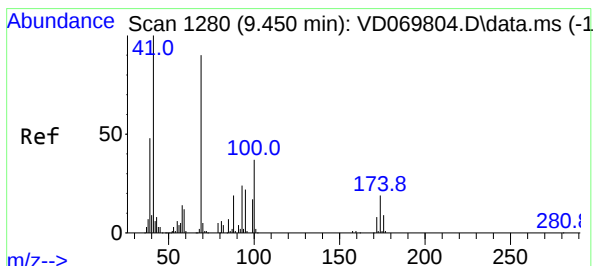
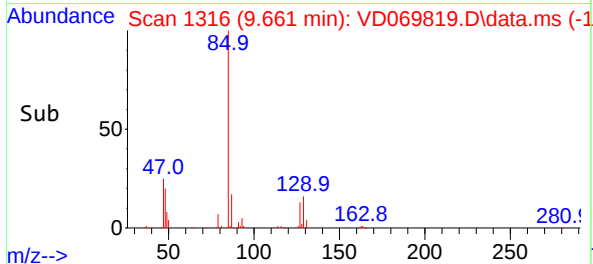
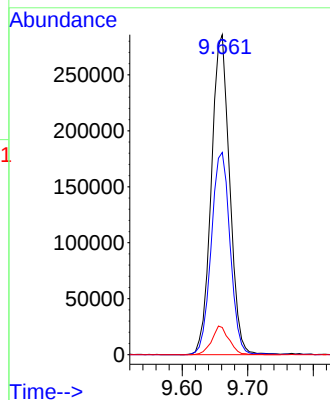
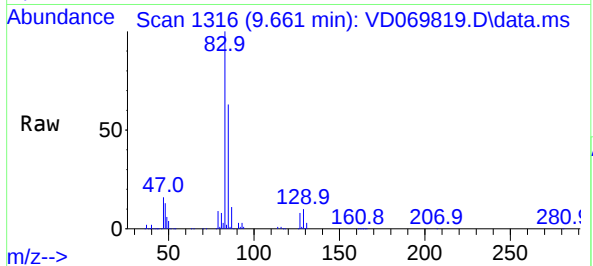
#47
Bromodichloromethane
Concen: 50.054 ug/l
RT: 9.661 min Scan# 1316
Delta R.T. 0.006 min
Lab File: VD069819.D
Acq: 22 Jul 2021 20:33

Tgt Ion: 83 Resp: 553581
Ion Ratio Lower Upper
83 100
85 63.2 52.0 78.0
127 8.5 6.6 10.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

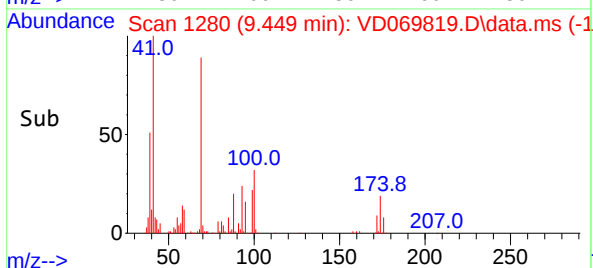
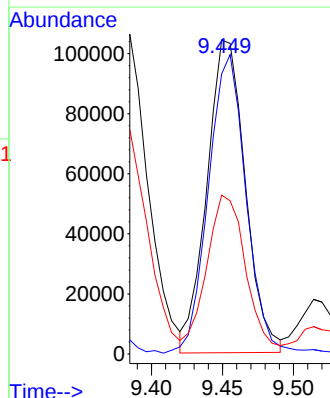
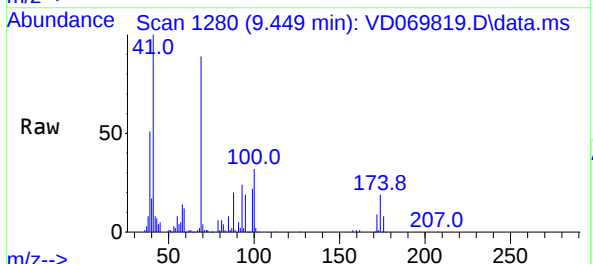
Manual Integrations
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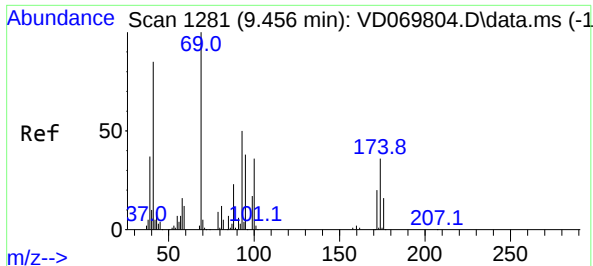
MMDadoda
7/23/2021 5:15:55 PM



#48
Methyl methacrylate
Concen: 49.447 ug/l
RT: 9.449 min Scan# 1280
Delta R.T. -0.001 min
Lab File: VD069819.D
Acq: 22 Jul 2021 20:33

Tgt Ion: 41 Resp: 195494
Ion Ratio Lower Upper
41 100
69 95.3 73.4 110.2
39 46.5 36.6 55.0





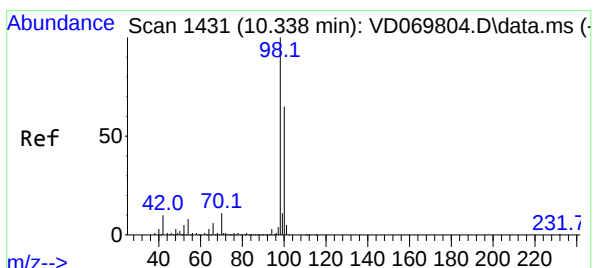
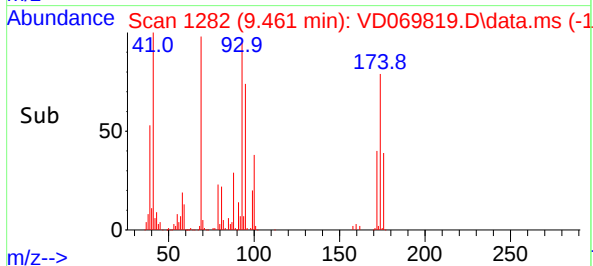
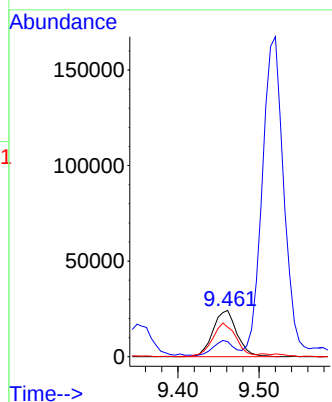
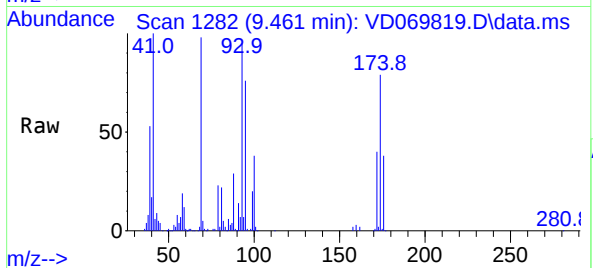
#49
1,4-Dioxane
Concen: 1104.153 ug/l
RT: 9.461 min Scan# 1282
Delta R.T. 0.006 min
Lab File: VD069819.D
Acq: 22 Jul 2021 20:33

Tgt Ion: 88 Resp: 49658
Ion Ratio Lower Upper
88 100
43 30.9 26.8 40.2
58 71.8 59.8 89.6

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

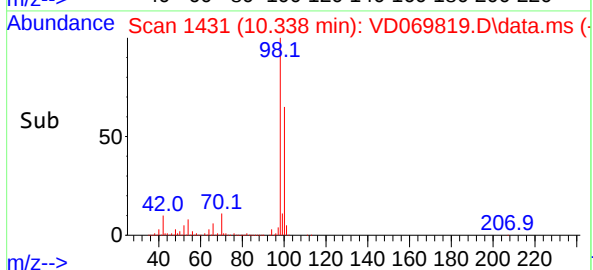
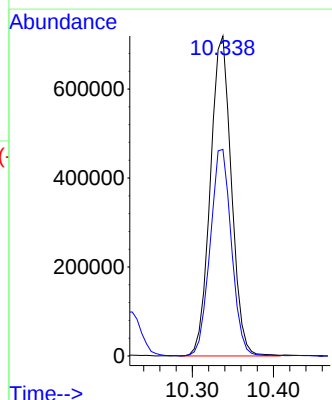
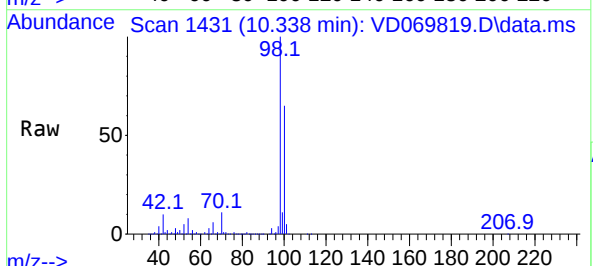
Manual Integrations
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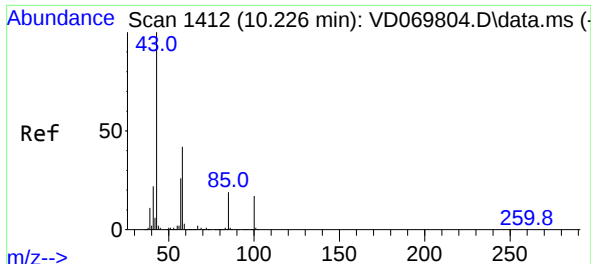
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#50
Toluene-d8
Concen: 50.526 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069819.D
Acq: 22 Jul 2021 20:33

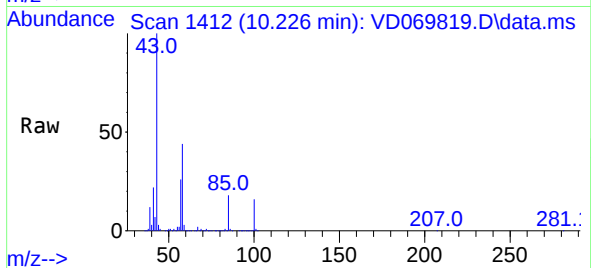
Tgt Ion: 98 Resp: 1295154
Ion Ratio Lower Upper
98 100
100 65.2 51.9 77.9





#51
4-Methyl-2-Pentanone
Concen: 280.359 ug/l
RT: 10.226 min Scan# 1412
Delta R.T. -0.000 min
Lab File: VD069819.D
Acq: 22 Jul 2021 20:33

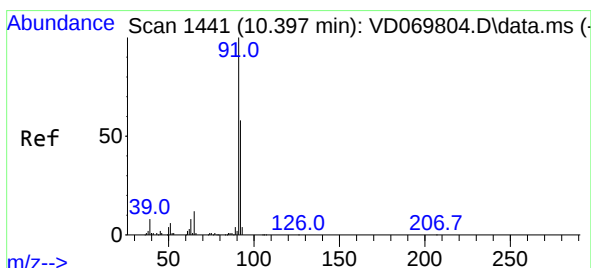
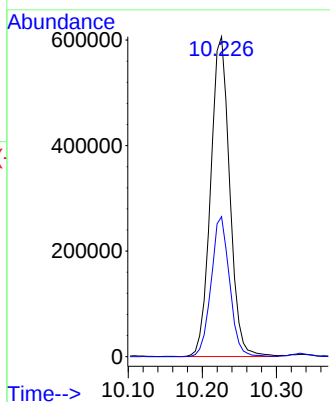
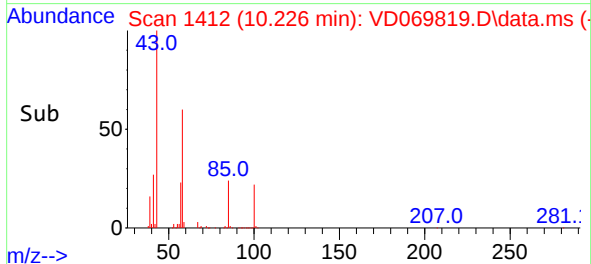
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



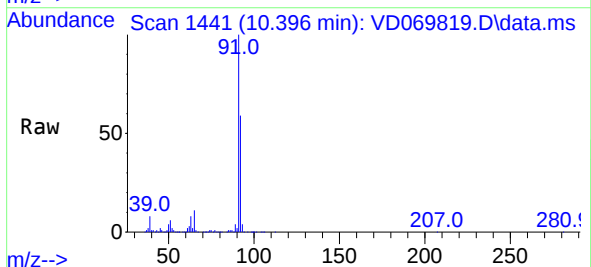
Tgt Ion: 43 Resp: 1084012
Ion Ratio Lower Upper
43 100
58 42.3 33.7 50.5

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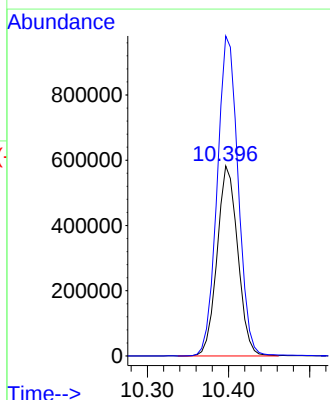
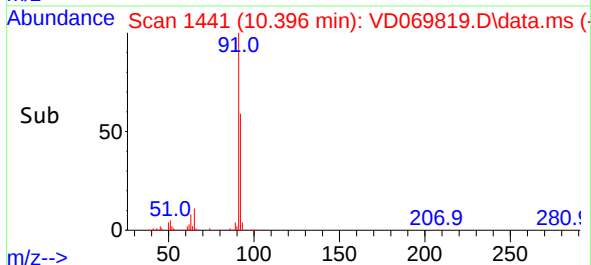
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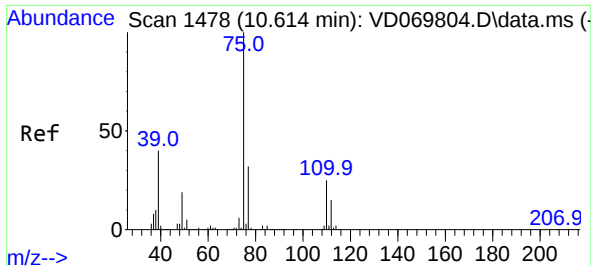


#52
Toluene
Concen: 51.534 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VD069819.D
Acq: 22 Jul 2021 20:33



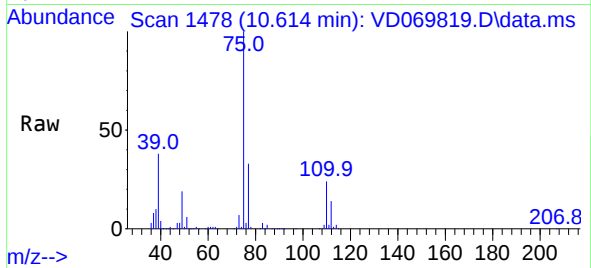
Tgt Ion: 92 Resp: 1030662
Ion Ratio Lower Upper
92 100
91 171.2 138.7 208.1





#53
t-1,3-Dichloropropene
Concen: 51.150 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VD069819.D
Acq: 22 Jul 2021 20:33

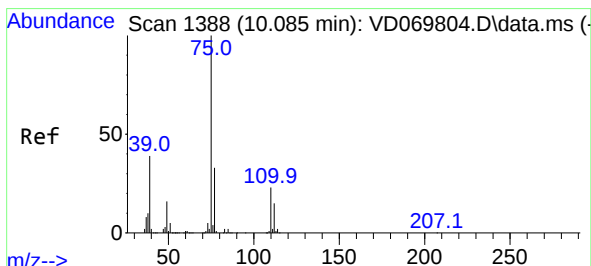
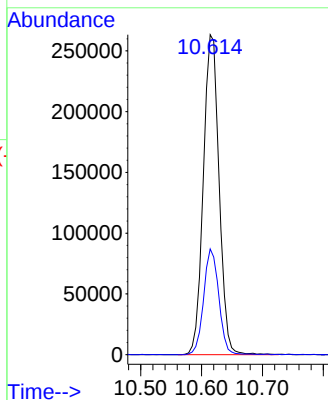
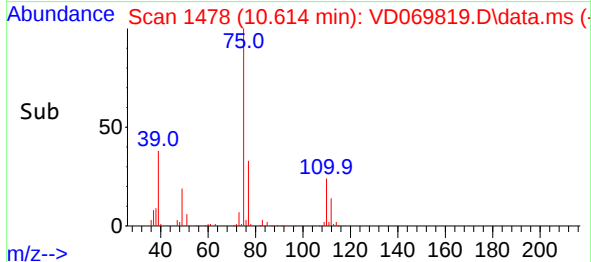
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



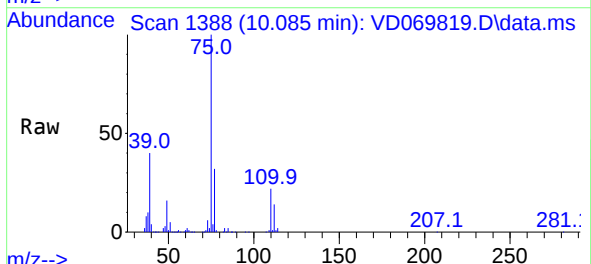
Tgt Ion: 75 Resp: 474842
Ion Ratio Lower Upper
75 100
77 33.0 25.8 38.6

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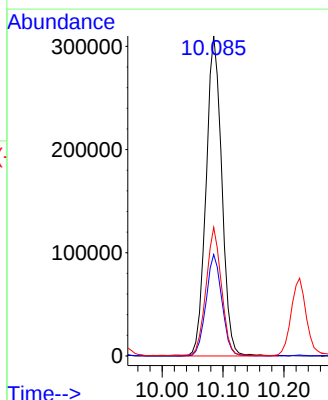
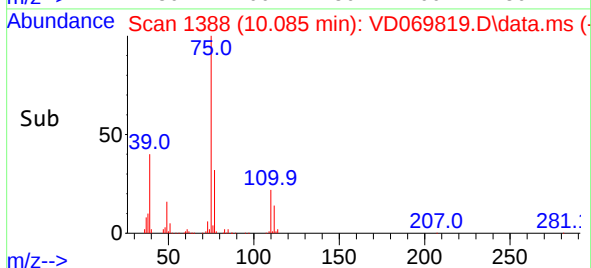
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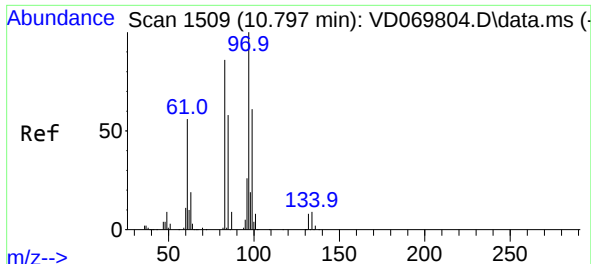


#54
cis-1,3-Dichloropropene
Concen: 49.541 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. -0.000 min
Lab File: VD069819.D
Acq: 22 Jul 2021 20:33

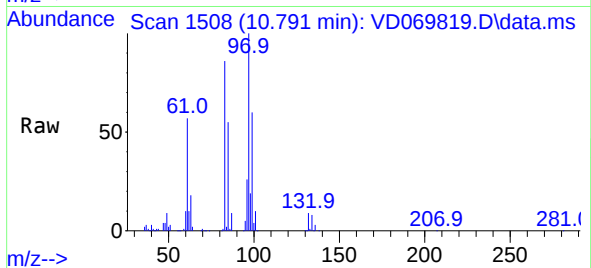


Tgt Ion: 75 Resp: 556792
Ion Ratio Lower Upper
75 100
77 31.7 26.3 39.5
39 39.9 31.0 46.6



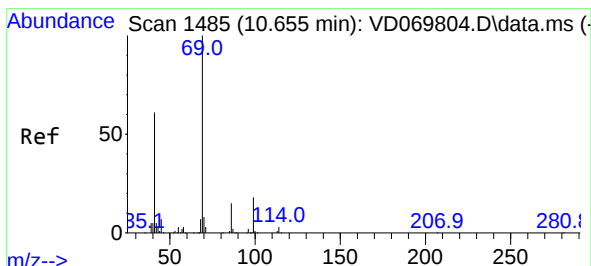
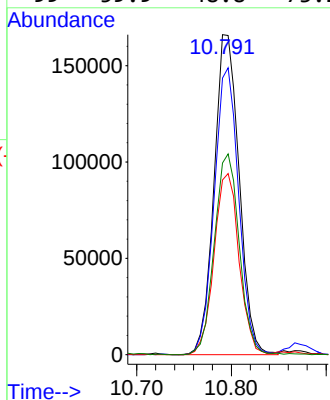
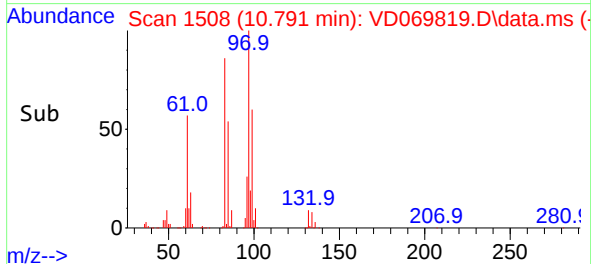


#55
1,1,2-Trichloroethane
Concen: 50.949 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. -0.006 min
Lab File: VD069819.D
Acq: 22 Jul 2021 20:33

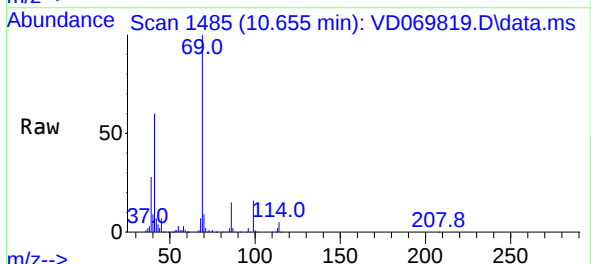


Tgt Ion: 97 Resp: 306335

Ion	Ratio	Lower	Upper
97	100		
83	86.4	69.1	103.7
85	54.6	46.2	69.2
99	59.9	48.8	73.2

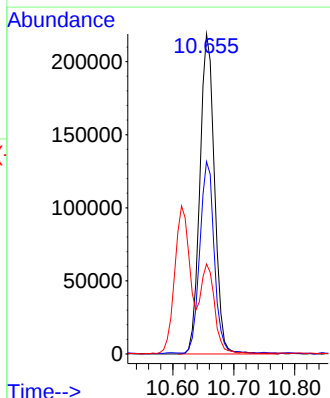
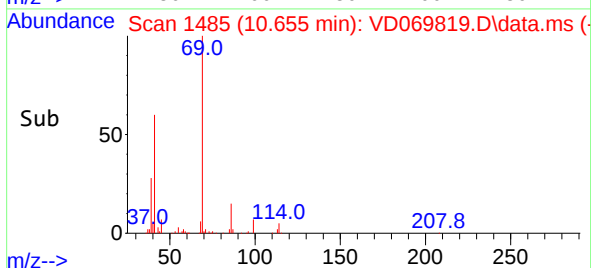


#56
Ethyl methacrylate
Concen: 49.156 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD069819.D
Acq: 22 Jul 2021 20:33



Tgt Ion: 69 Resp: 364883

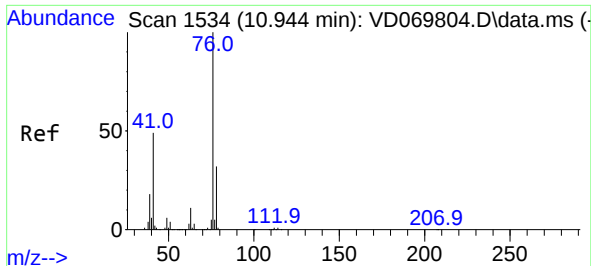
Ion	Ratio	Lower	Upper
69	100		
41	58.8	50.2	75.2
39	27.2	22.0	33.0



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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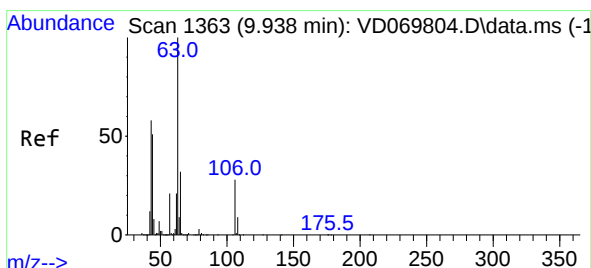
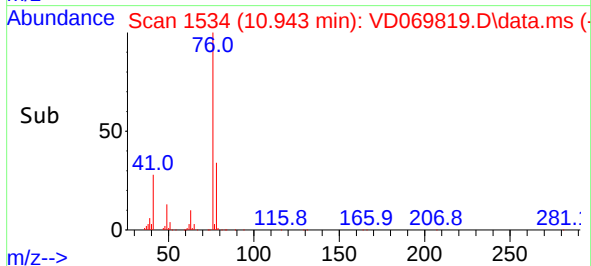
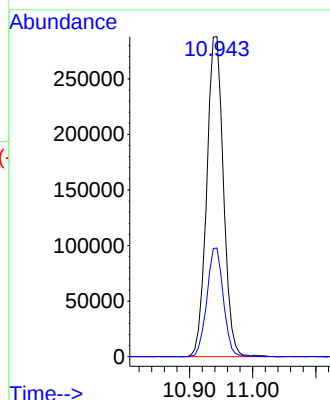
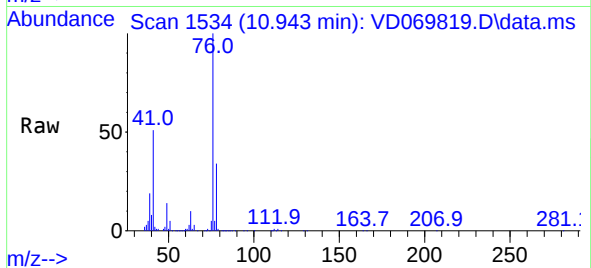
#57
1,3-Dichloropropane
Concen: 51.941 ug/l
RT: 10.943 min Scan# 1534
Delta R.T. -0.000 min
Lab File: VD069819.D
Acq: 22 Jul 2021 20:33

Tgt Ion: 76 Resp: 528442
Ion Ratio Lower Upper
76 100
78 33.5 26.2 39.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

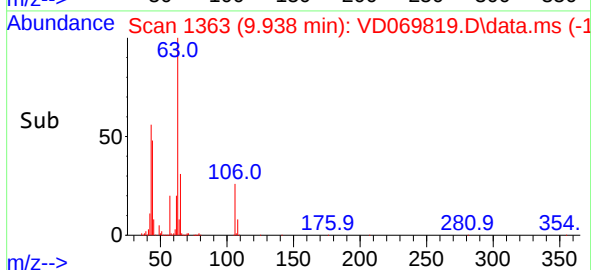
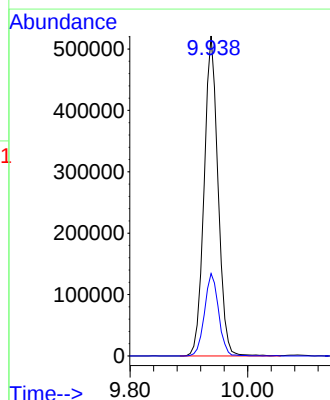
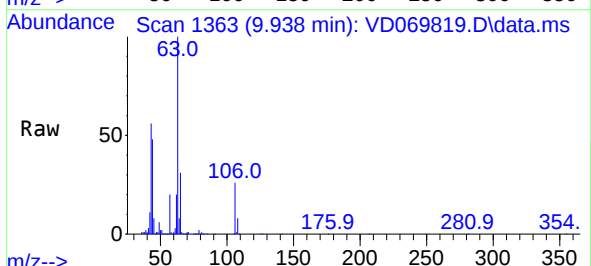
Manual Integrations
APPROVED

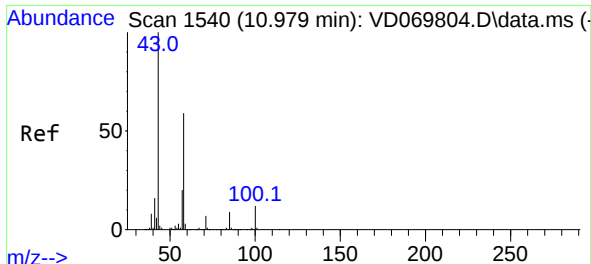
MMDadoda
7/23/2021 5:15:55 PM



#58
2-Chloroethyl Vinyl ether
Concen: 261.449 ug/l
RT: 9.938 min Scan# 1363
Delta R.T. -0.000 min
Lab File: VD069819.D
Acq: 22 Jul 2021 20:33

Tgt Ion: 63 Resp: 858262
Ion Ratio Lower Upper
63 100
106 26.0 21.8 32.6





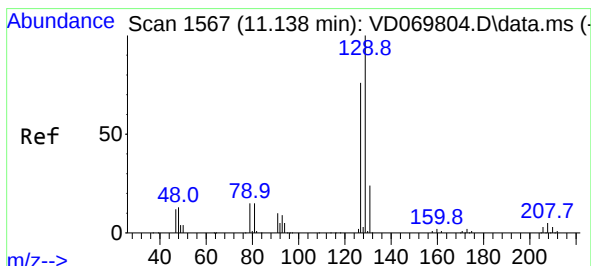
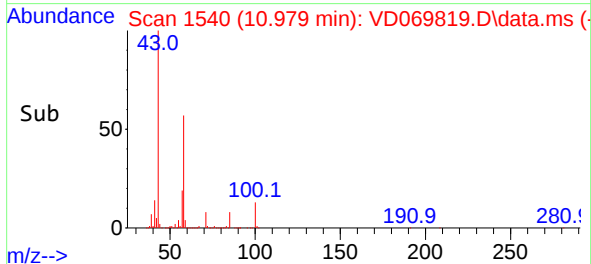
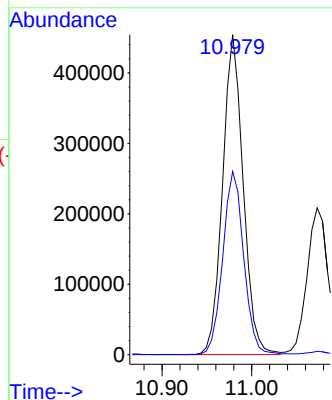
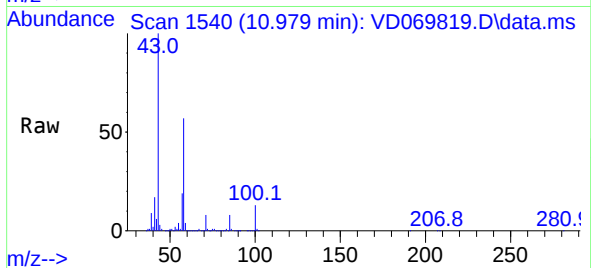
#59
2-Hexanone
Concen: 282.929 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VD069819.D
Acq: 22 Jul 2021 20:33

Tgt Ion: 43 Resp: 723600
Ion Ratio Lower Upper
43 100
58 58.5 29.4 88.3

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

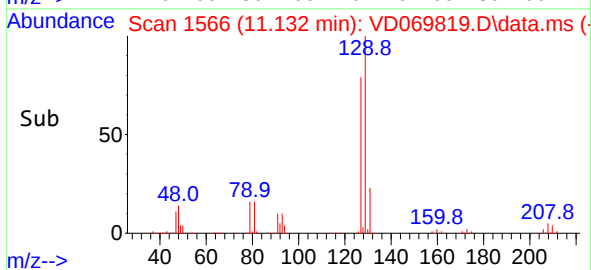
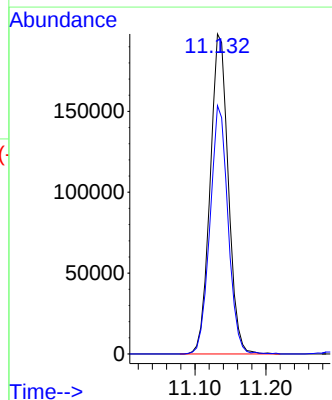
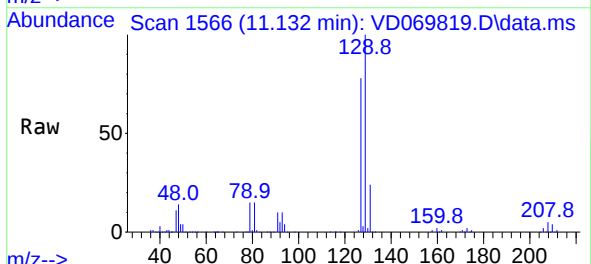
Manual Integrations
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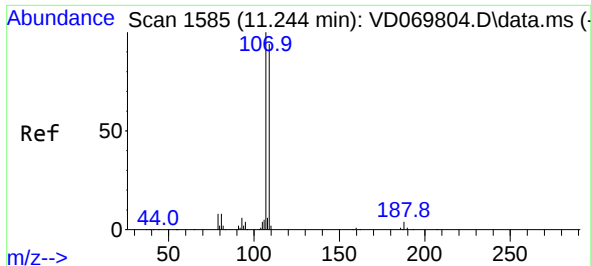
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#60
Dibromochloromethane
Concen: 51.501 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.006 min
Lab File: VD069819.D
Acq: 22 Jul 2021 20:33

Tgt Ion: 129 Resp: 350685
Ion Ratio Lower Upper
129 100
127 77.1 38.7 116.1





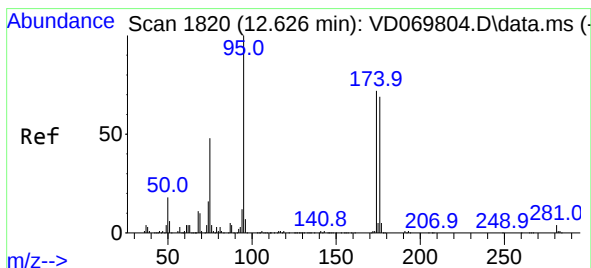
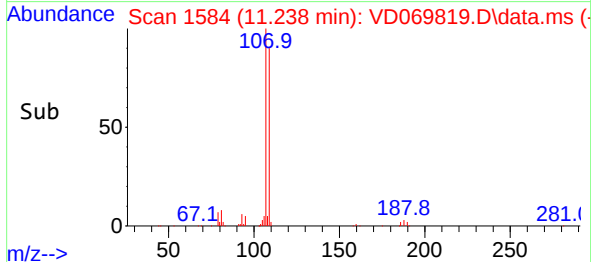
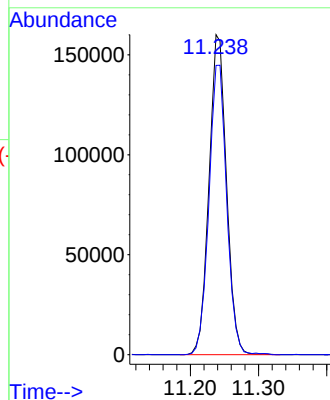
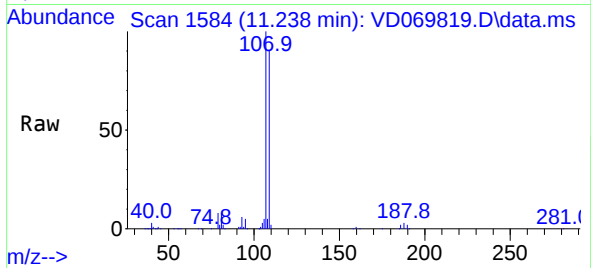
#61
1,2-Dibromoethane
Concen: 52.710 ug/l
RT: 11.238 min Scan# 1584
Delta R.T. -0.006 min
Lab File: VD069819.D
Acq: 22 Jul 2021 20:33

Tgt Ion:107 Resp: 285340
Ion Ratio Lower Upper
107 100
109 92.0 74.5 111.7

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

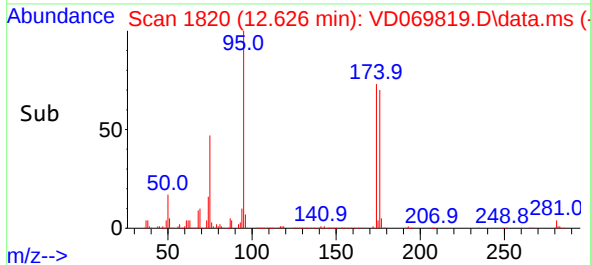
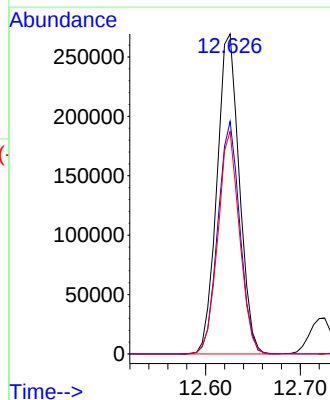
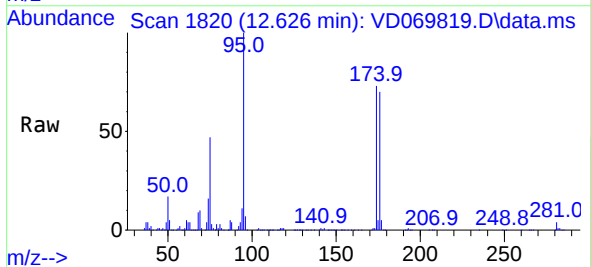
Manual Integrations
APPROVED

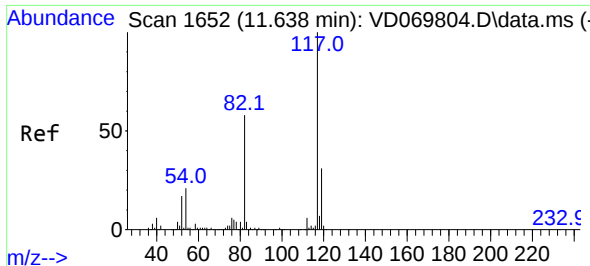
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#62
4-Bromofluorobenzene
Concen: 51.607 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069819.D
Acq: 22 Jul 2021 20:33

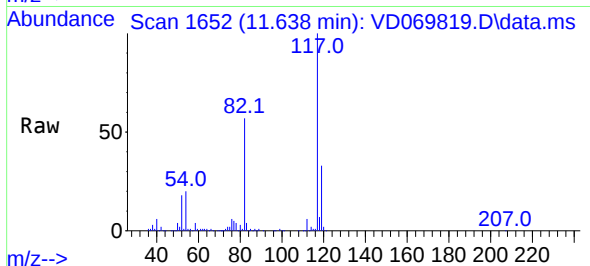
Tgt Ion: 95 Resp: 442106
Ion Ratio Lower Upper
95 100
174 71.6 0.0 142.6
176 67.2 0.0 134.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069819.D
Acq: 22 Jul 2021 20:33

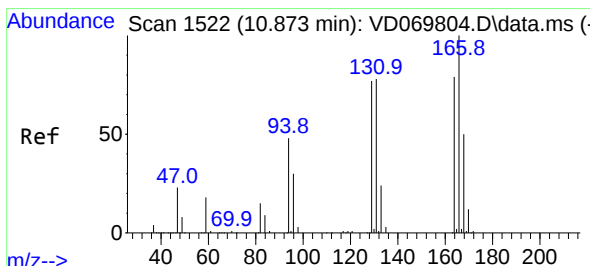
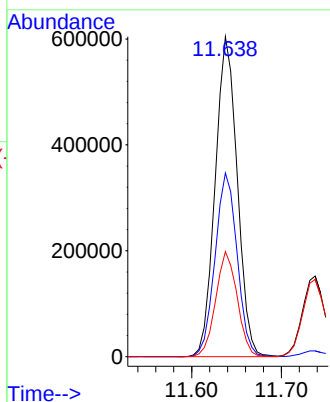
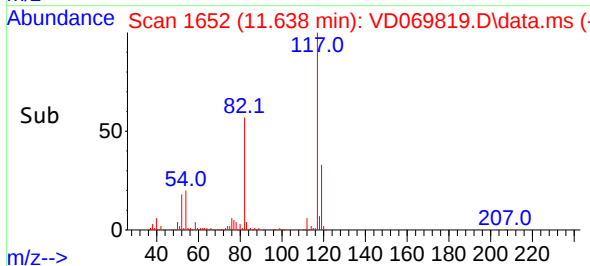
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



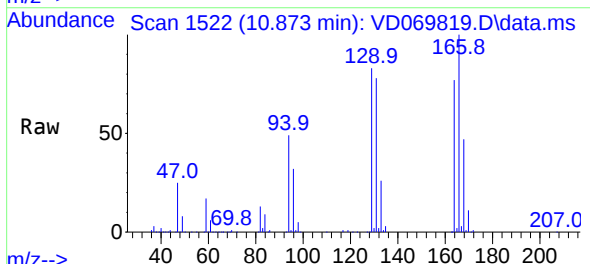
Tgt Ion:117 Resp: 1032864
Ion Ratio Lower Upper
117 100
82 57.4 46.3 69.5
119 32.8 24.7 37.1

Manual Integrations
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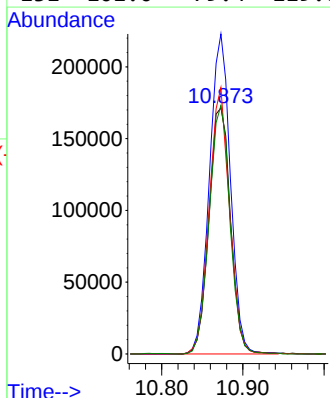
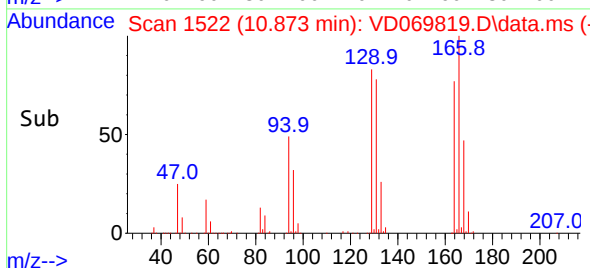
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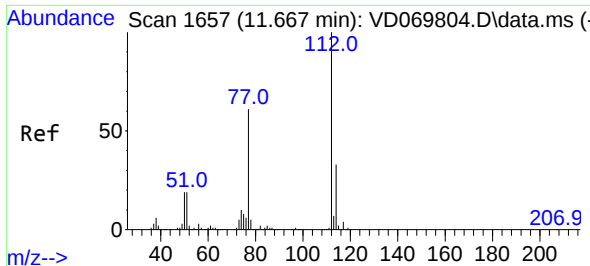


#64
Tetrachloroethene
Concen: 48.095 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. -0.000 min
Lab File: VD069819.D
Acq: 22 Jul 2021 20:33



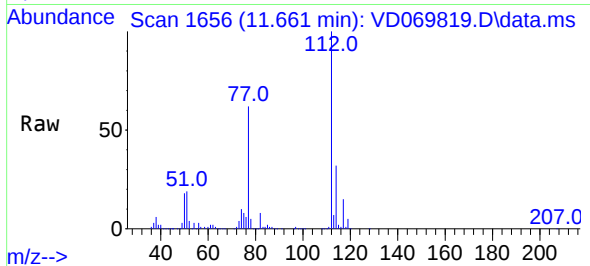
Tgt Ion:164 Resp: 316657
Ion Ratio Lower Upper
164 100
166 130.1 101.8 152.8
129 108.3 78.8 118.2
131 101.0 79.4 119.0





#65
Chlorobenzene
Concen: 48.526 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. -0.006 min
Lab File: VD069819.D
Acq: 22 Jul 2021 20:33

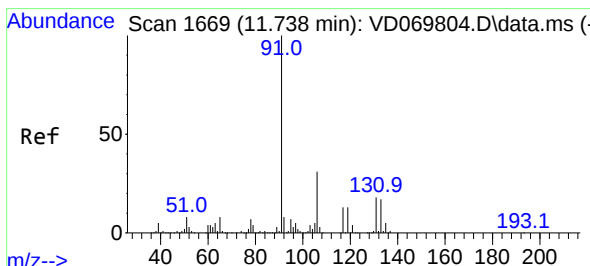
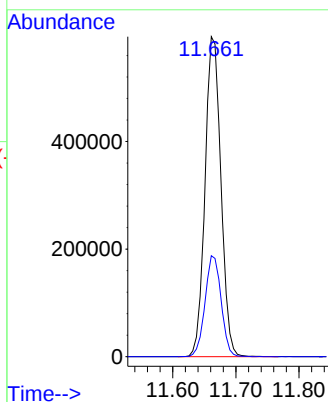
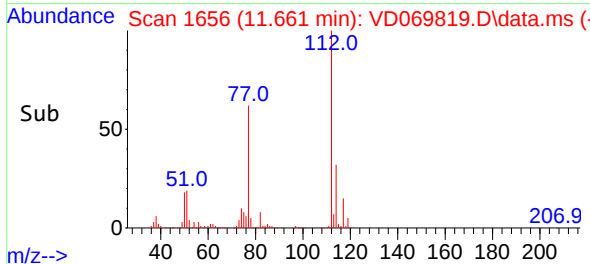
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



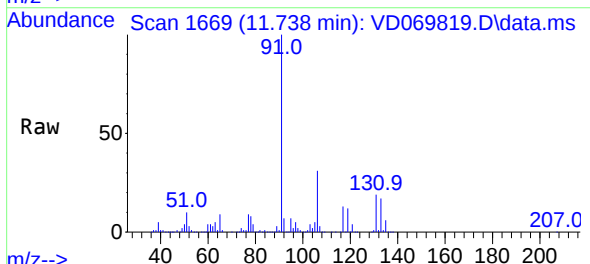
Tgt Ion:112 Resp: 1038408
Ion Ratio Lower Upper
112 100
114 31.6 26.5 39.7

Manual Integrations
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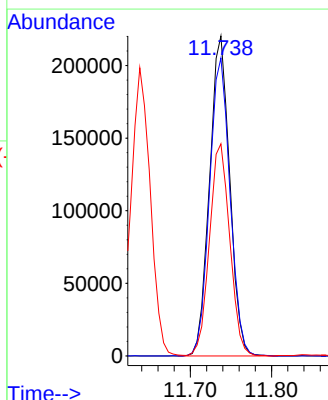
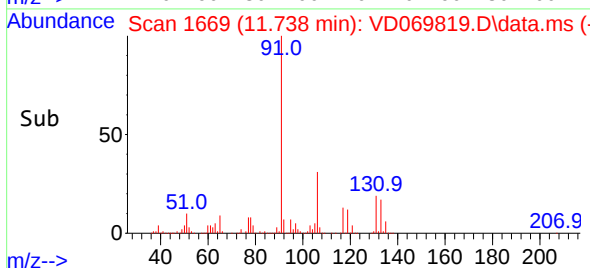
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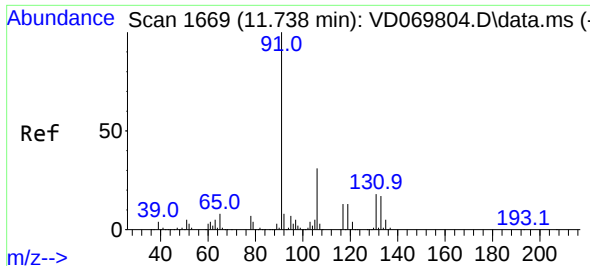


#66
1,1,1,2-Tetrachloroethane
Concen: 49.310 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD069819.D
Acq: 22 Jul 2021 20:33



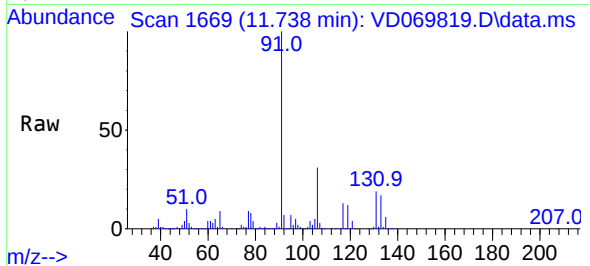
Tgt Ion:131 Resp: 379583
Ion Ratio Lower Upper
131 100
133 94.8 46.4 139.1
119 66.9 34.2 102.5





#67
Ethyl Benzene
Concen: 50.600 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD069819.D
Acq: 22 Jul 2021 20:33

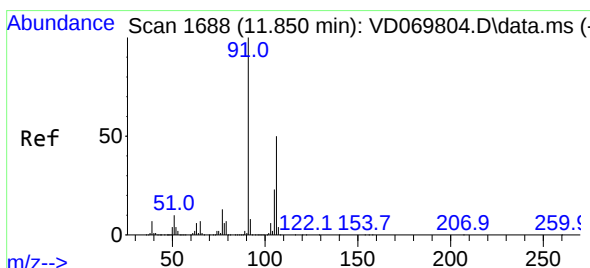
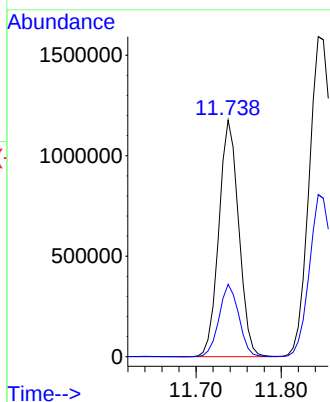
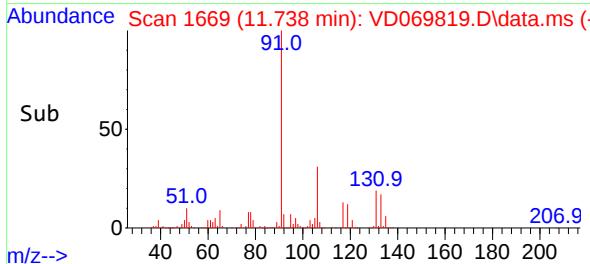
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



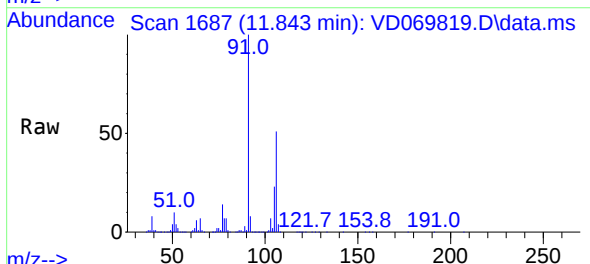
Tgt Ion: 91 Resp: 1906310
Ion Ratio Lower Upper
91 100
106 30.6 24.9 37.3

Manual Integrations
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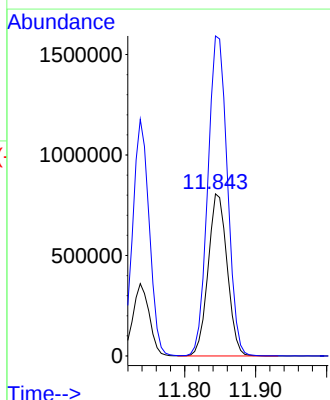
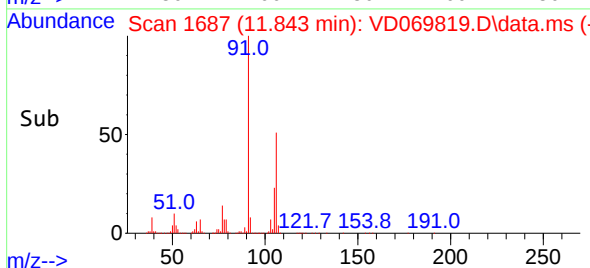
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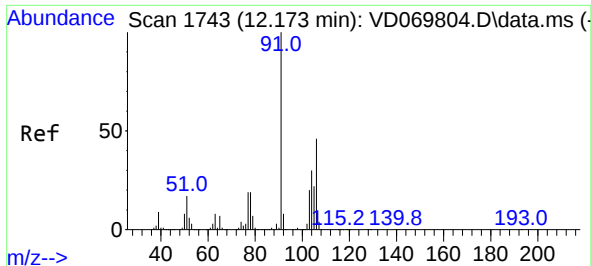


#68
m/p-Xylenes
Concen: 102.901 ug/l
RT: 11.843 min Scan# 1687
Delta R.T. -0.006 min
Lab File: VD069819.D
Acq: 22 Jul 2021 20:33



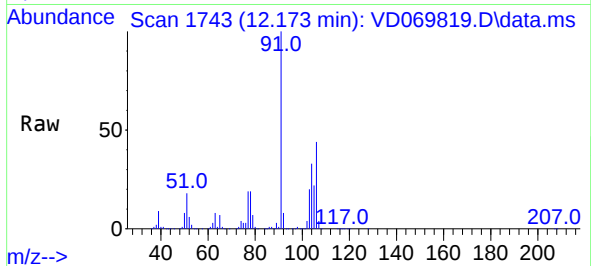
Tgt Ion:106 Resp: 1502822
Ion Ratio Lower Upper
106 100
91 201.8 162.4 243.6





#69
o-Xylene
Concen: 50.465 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VD069819.D
Acq: 22 Jul 2021 20:33

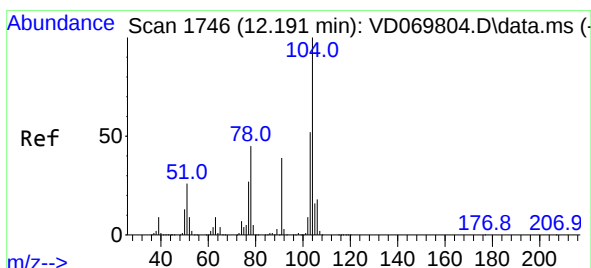
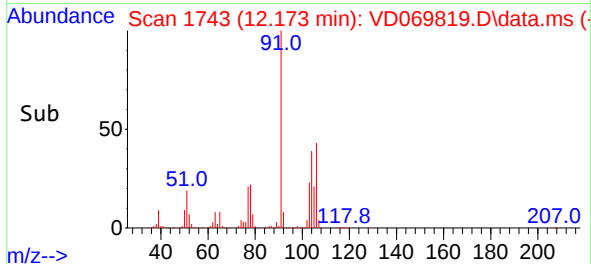
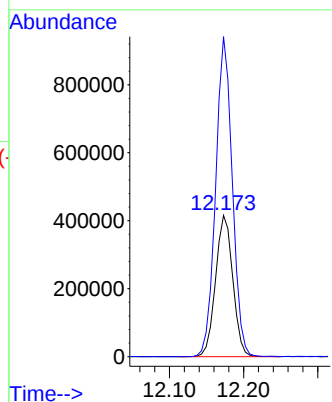
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



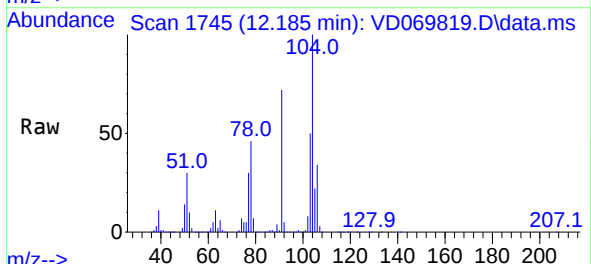
Tgt Ion:106 Resp: 670032
Ion Ratio Lower Upper
106 100
91 219.4 107.6 322.8

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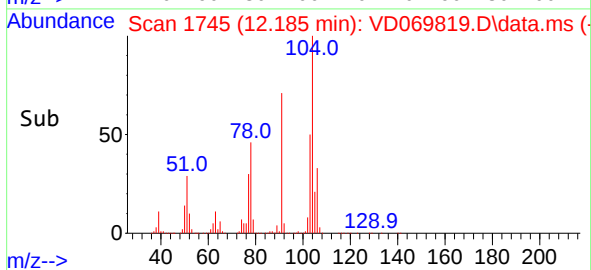
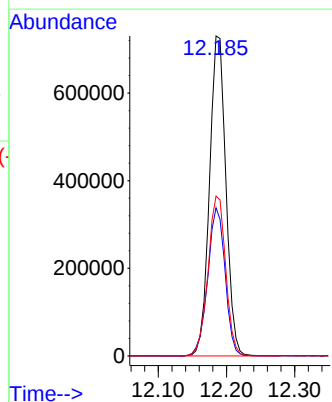
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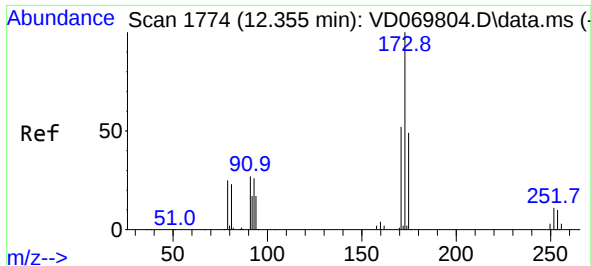


#70
Styrene
Concen: 53.160 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.006 min
Lab File: VD069819.D
Acq: 22 Jul 2021 20:33

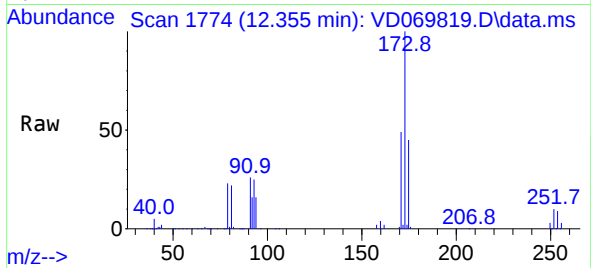


Tgt Ion:104 Resp: 1223189
Ion Ratio Lower Upper
104 100
78 48.9 39.7 59.5
103 53.8 44.0 66.0

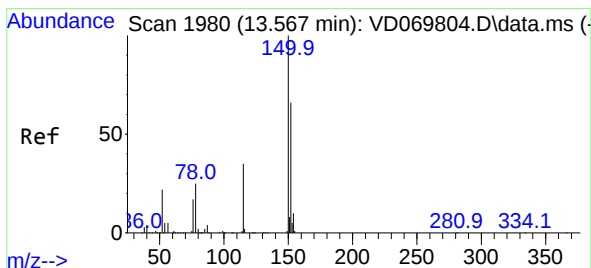
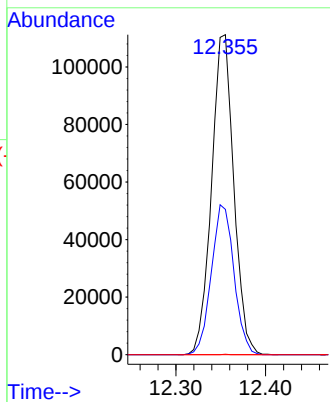
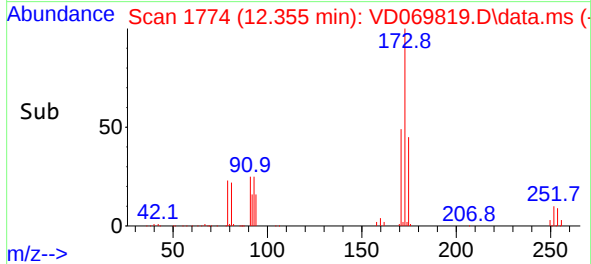




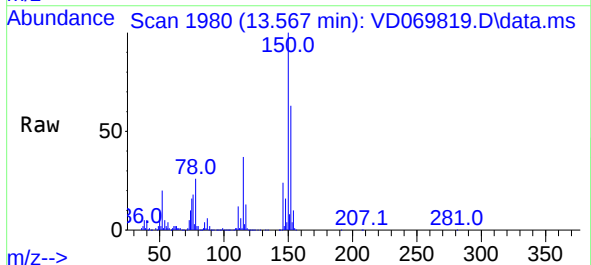
#71
Bromoform
Concen: 51.183 ug/l
RT: 12.355 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VD069819.D
Acq: 22 Jul 2021 20:33



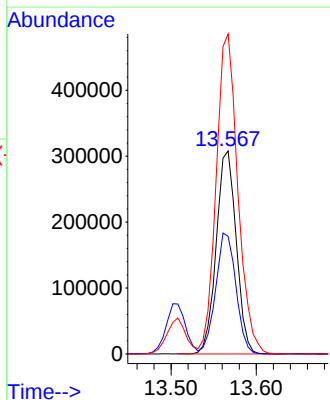
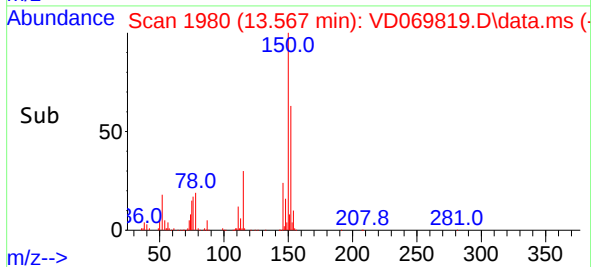
Tgt Ion:173 Resp: 191345
Ion Ratio Lower Upper
173 100
175 47.8 24.1 72.3
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069819.D
Acq: 22 Jul 2021 20:33



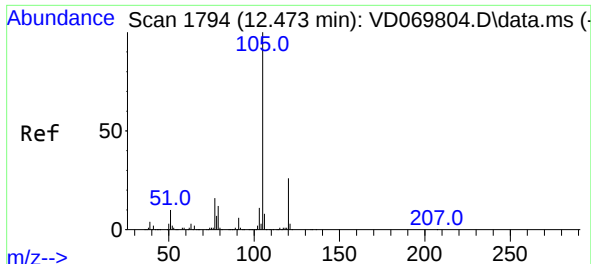
Tgt Ion:152 Resp: 502408
Ion Ratio Lower Upper
152 100
115 60.4 31.1 93.3
150 170.7 0.0 343.0



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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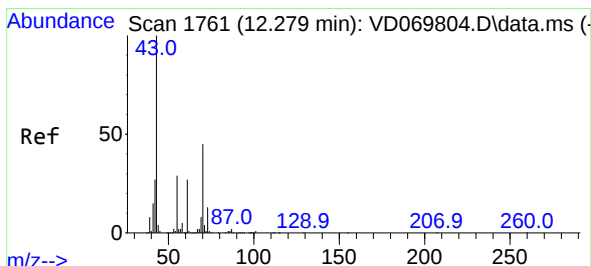
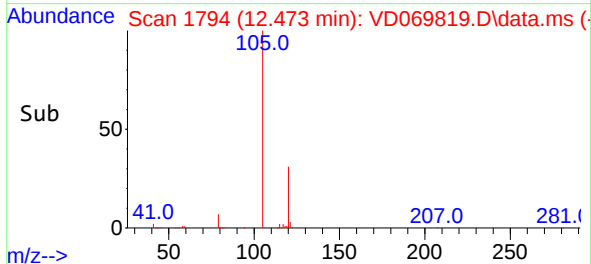
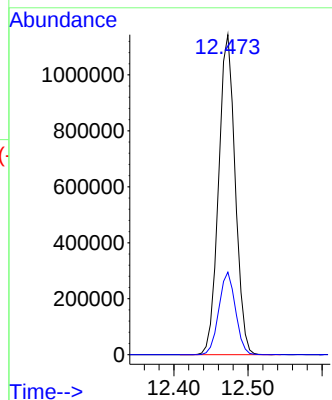
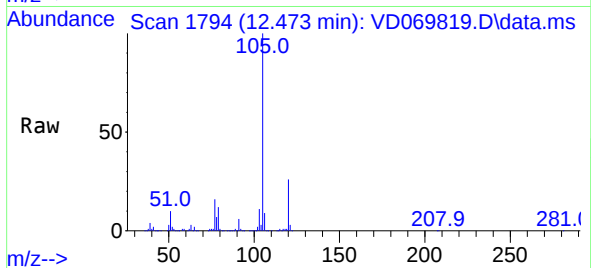
#73
Isopropylbenzene
Concen: 49.254 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VD069819.D
Acq: 22 Jul 2021 20:33

Tgt Ion:105 Resp: 1777989
Ion Ratio Lower Upper
105 100
120 25.7 13.0 38.9

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

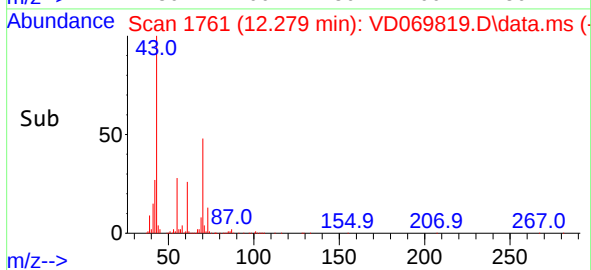
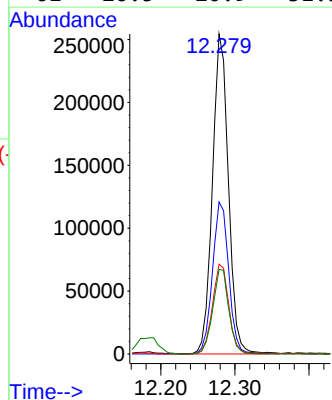
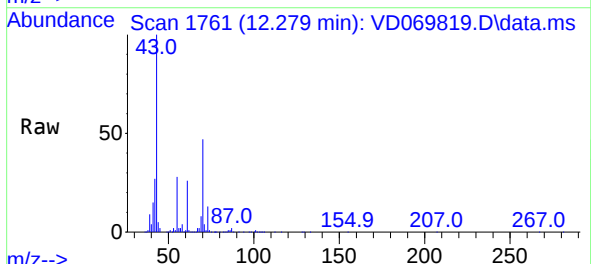
Manual Integrations
APPROVED

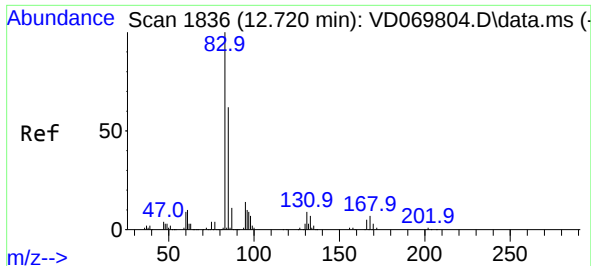
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#74
N-ethyl acetate
Concen: 51.378 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD069819.D
Acq: 22 Jul 2021 20:33

Tgt Ion: 43 Resp: 381487
Ion Ratio Lower Upper
43 100
70 48.2 37.9 56.9
55 29.0 23.7 35.5
61 26.5 20.9 31.3





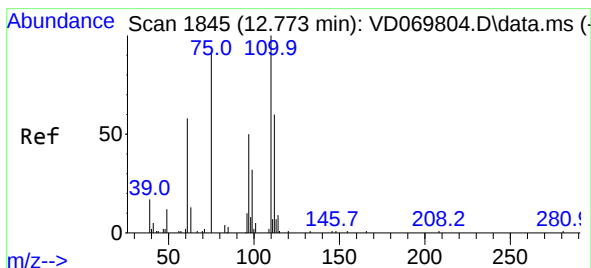
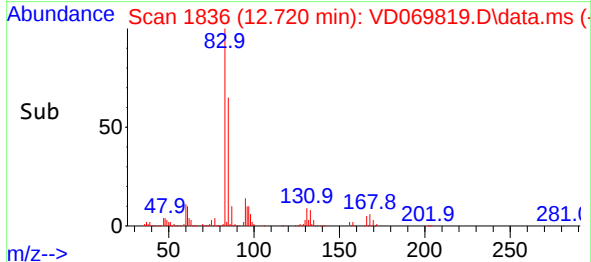
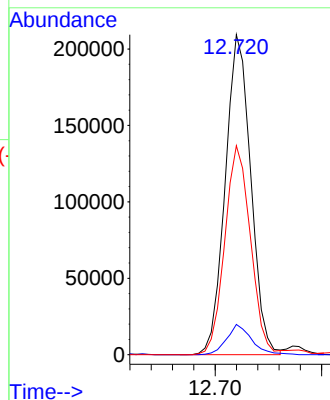
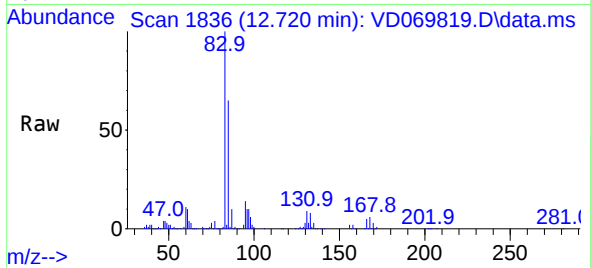
#75
1,1,2,2-Tetrachloroethane
Concen: 48.427 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VD069819.D
Acq: 22 Jul 2021 20:33

Tgt Ion: 83 Resp: 349114
Ion Ratio Lower Upper
83 100
131 9.2 4.9 14.6
85 65.7 31.8 95.4

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

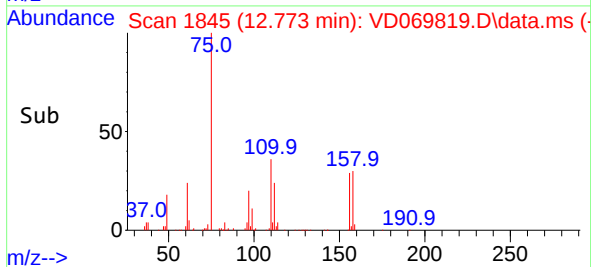
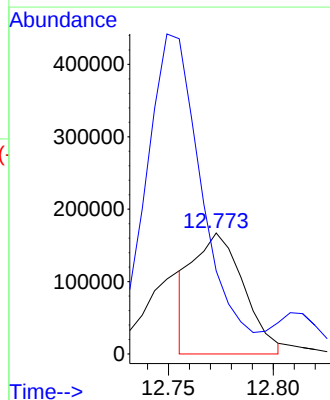
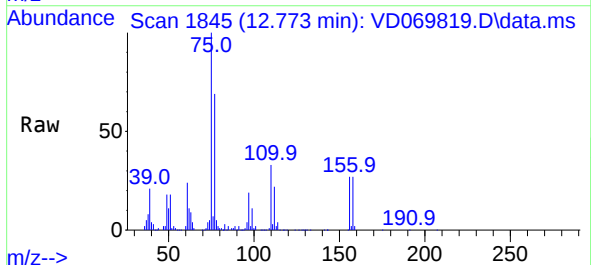
Manual Integrations
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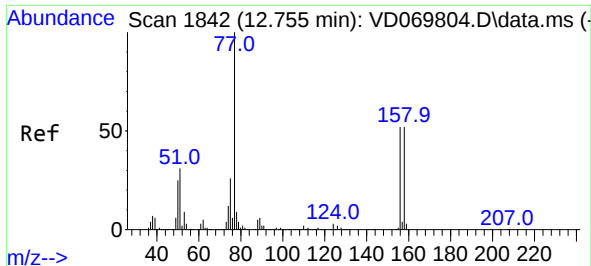
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#76
1,2,3-Trichloropropane
Concen: 52.281 ug/l m
RT: 12.773 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VD069819.D
Acq: 22 Jul 2021 20:33

Tgt Ion: 75 Resp: 279194
Ion Ratio Lower Upper
75 100
77 0.0 181.5 544.5#





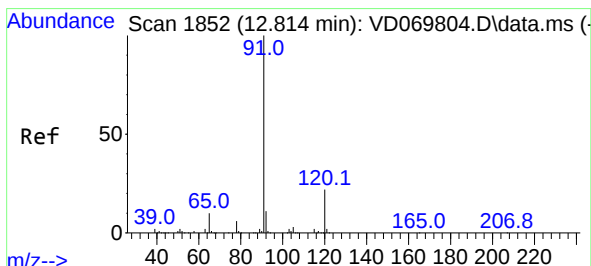
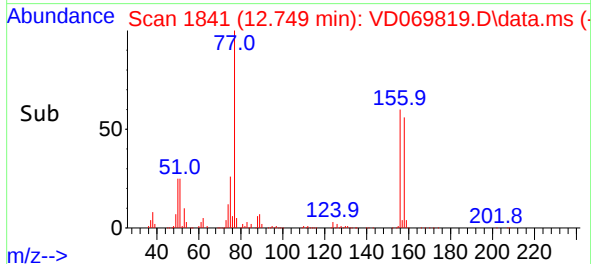
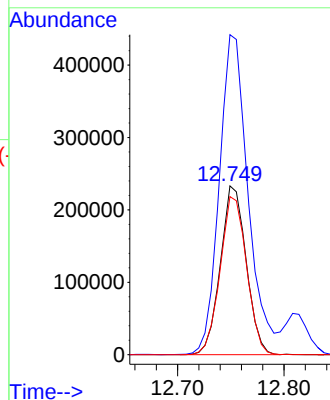
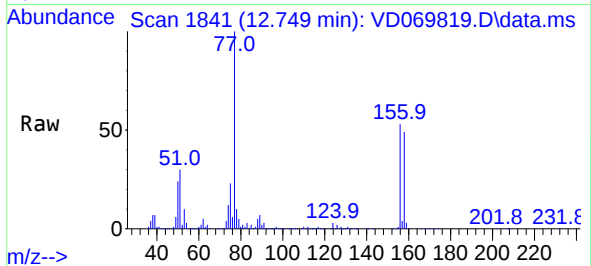
#77
Bromobenzene
Concen: 48.194 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. -0.006 min
Lab File: VD069819.D
Acq: 22 Jul 2021 20:33

Tgt Ion:156 Resp: 391837
Ion Ratio Lower Upper
156 100
77 210.8 107.1 321.3
158 95.8 48.1 144.3

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

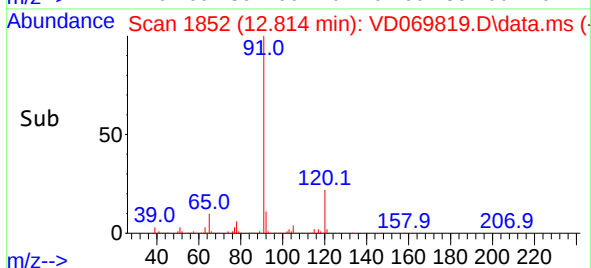
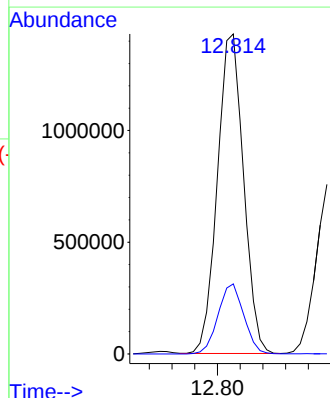
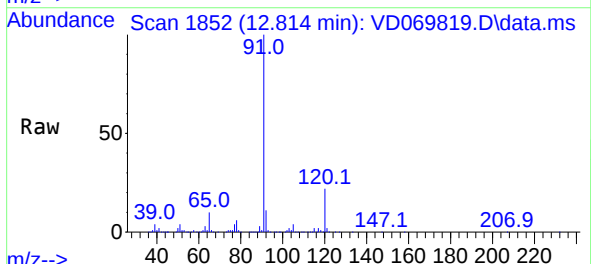
Manual Integrations
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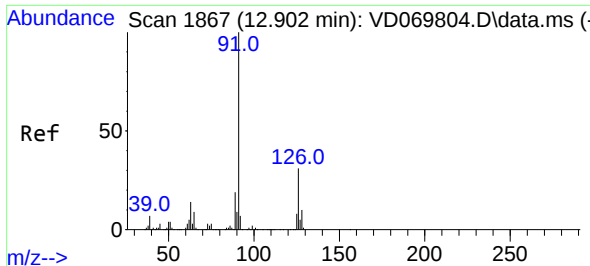
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#78
n-propylbenzene
Concen: 49.347 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VD069819.D
Acq: 22 Jul 2021 20:33

Tgt Ion: 91 Resp: 2287948
Ion Ratio Lower Upper
91 100
120 21.6 10.9 32.7





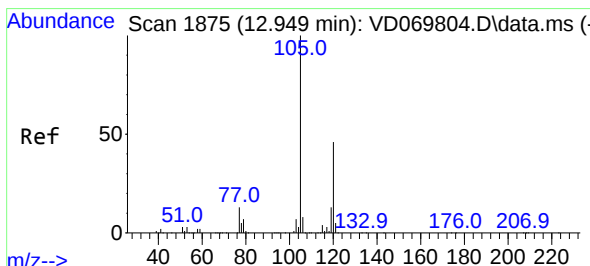
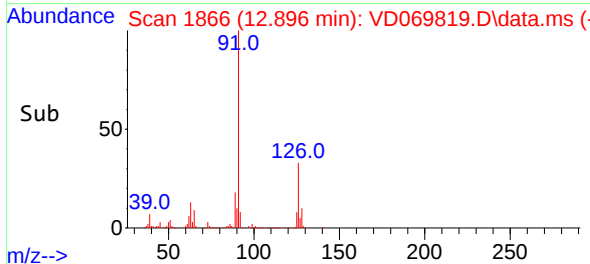
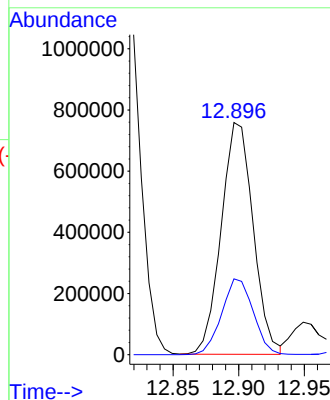
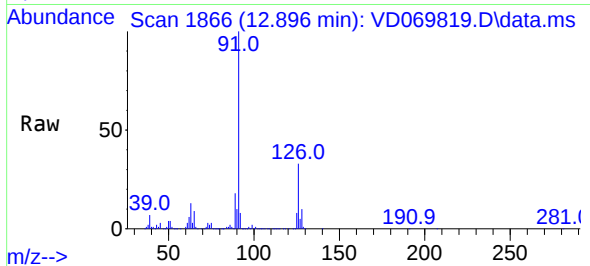
#79
2-Chlorotoluene
Concen: 47.741 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. -0.006 min
Lab File: VD069819.D
Acq: 22 Jul 2021 20:33

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 1285704
Ion Ratio Lower Upper
91 100
126 32.3 15.9 47.7

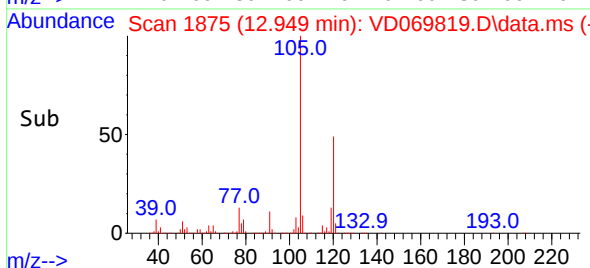
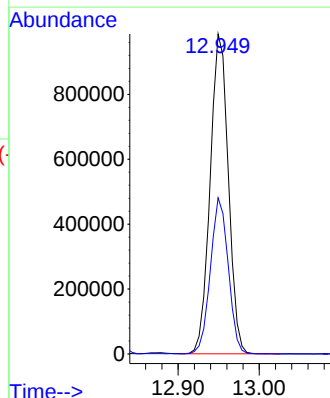
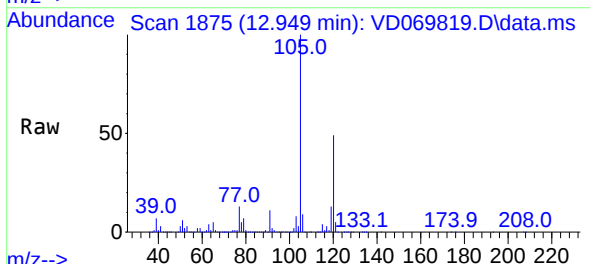
Manual Integrations
APPROVED

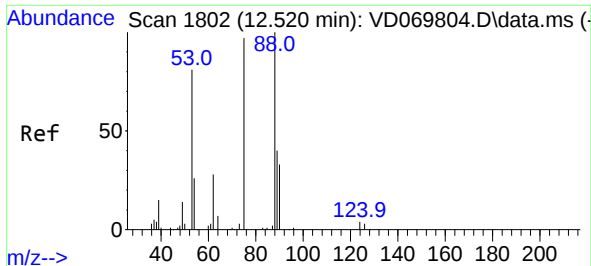
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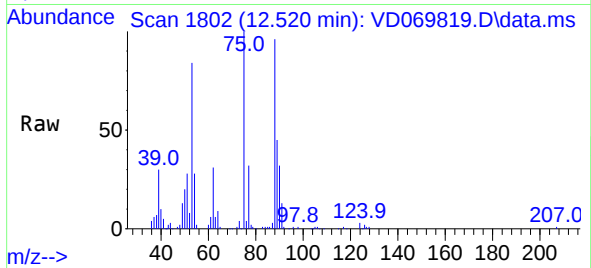
#80
1,3,5-Trimethylbenzene
Concen: 49.626 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VD069819.D
Acq: 22 Jul 2021 20:33

Tgt Ion: 105 Resp: 1532454
Ion Ratio Lower Upper
105 100
120 48.0 23.8 71.2

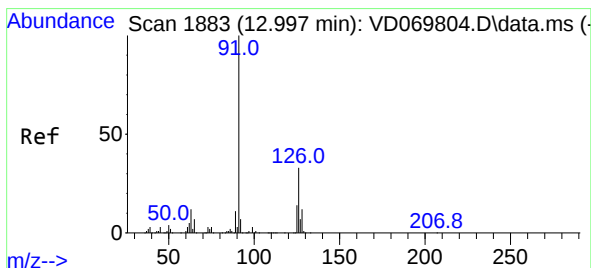
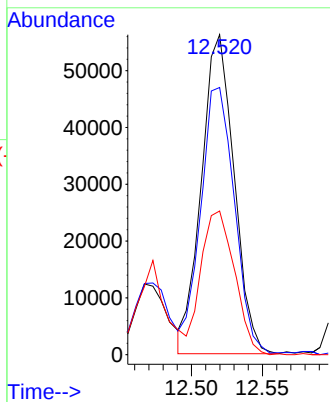
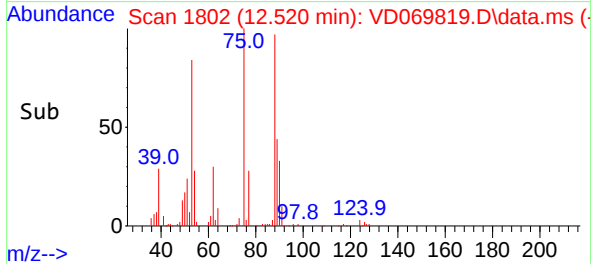




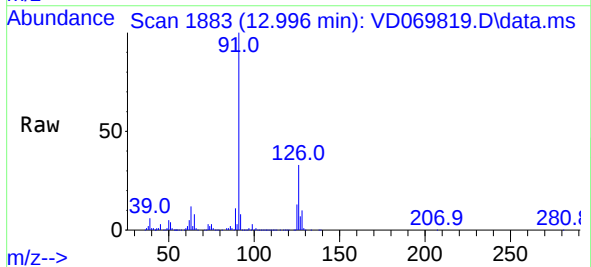
#81
trans-1,4-Dichloro-2-butene
Concen: 51.118 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. -0.000 min
Lab File: VD069819.D
Acq: 22 Jul 2021 20:33



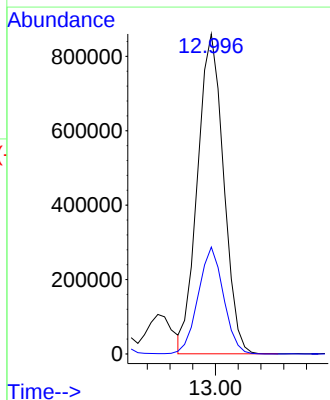
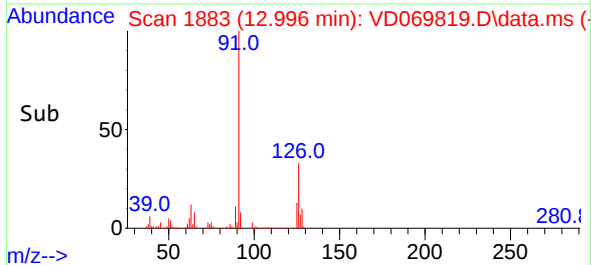
Tgt Ion: 75 Resp: 89982
Ion Ratio Lower Upper
75 100
53 85.9 67.2 100.8
89 46.0 35.8 53.6



#82
4-Chlorotoluene
Concen: 48.559 ug/l
RT: 12.996 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VD069819.D
Acq: 22 Jul 2021 20:33



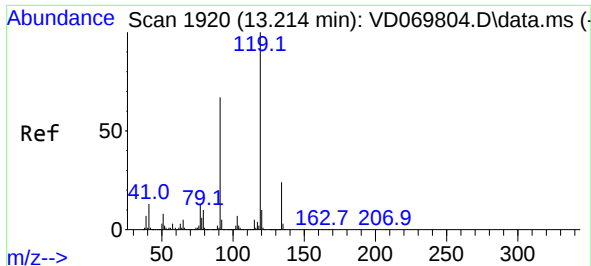
Tgt Ion: 91 Resp: 1367194
Ion Ratio Lower Upper
91 100
126 32.4 15.9 47.6



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

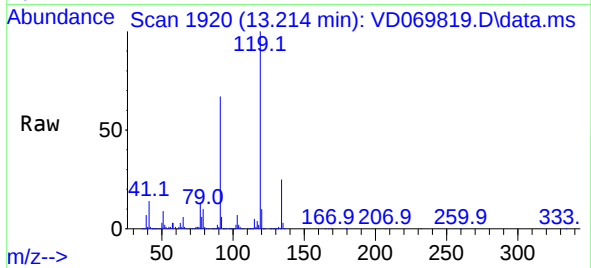
Manual Integrations
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#83
tert-Butylbenzene
Concen: 48.862 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. -0.000 min
Lab File: VD069819.D
Acq: 22 Jul 2021 20:33

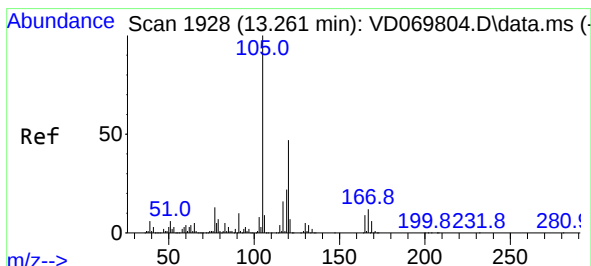
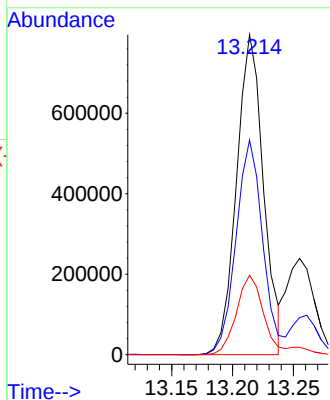
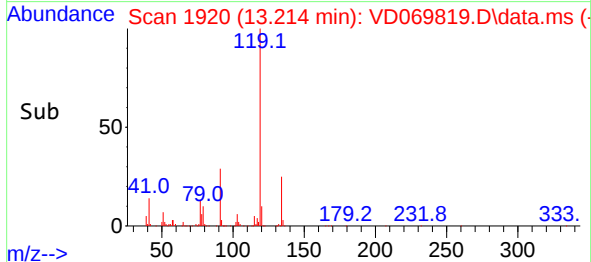
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



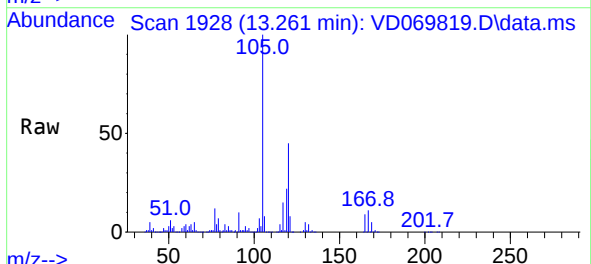
Tgt Ion:119 Resp: 1226745
Ion Ratio Lower Upper
119 100
91 67.0 33.7 101.1
134 26.5 13.3 39.8

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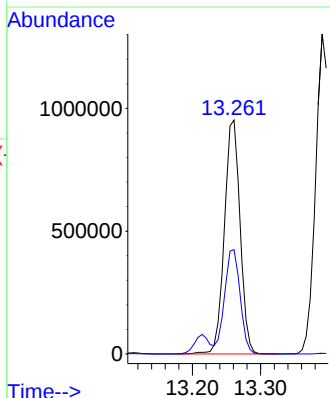
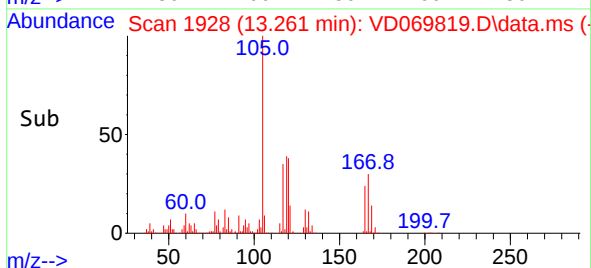
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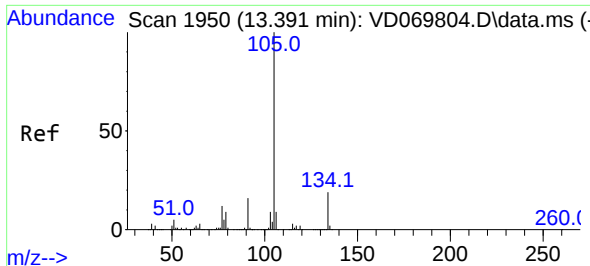


#84
1,2,4-Trimethylbenzene
Concen: 50.139 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. -0.000 min
Lab File: VD069819.D
Acq: 22 Jul 2021 20:33



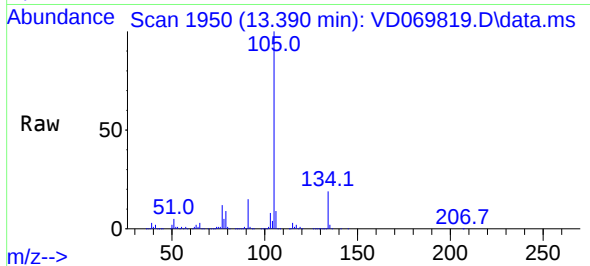
Tgt Ion:105 Resp: 1527454
Ion Ratio Lower Upper
105 100
120 44.2 22.6 67.8





#85
sec-Butylbenzene
Concen: 49.592 ug/l
RT: 13.390 min Scan# 1950
Delta R.T. -0.000 min
Lab File: VD069819.D
Acq: 22 Jul 2021 20:33

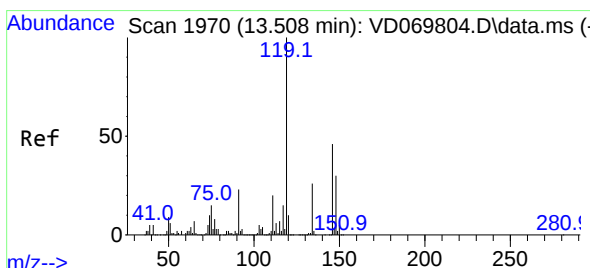
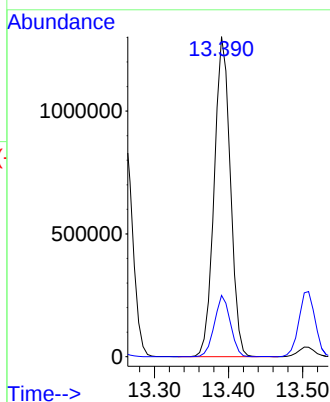
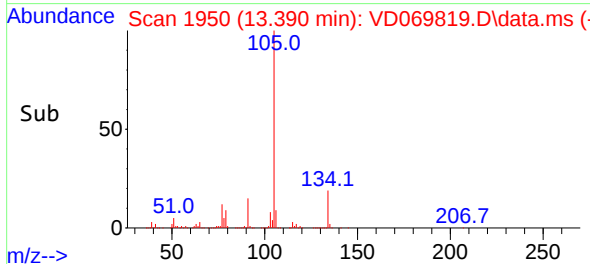
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



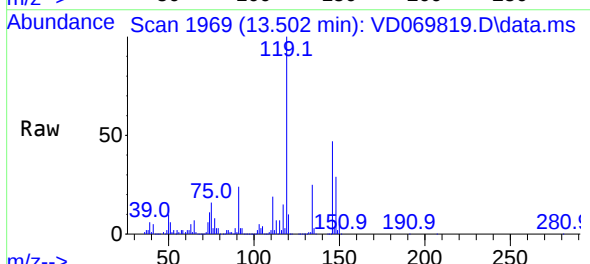
Tgt Ion:105 Resp: 1968309
Ion Ratio Lower Upper
105 100
134 18.9 9.6 28.6

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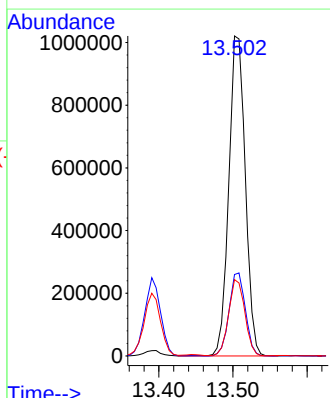
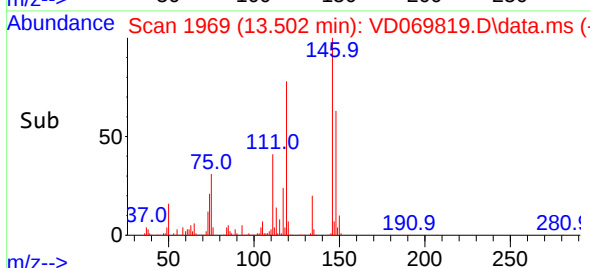
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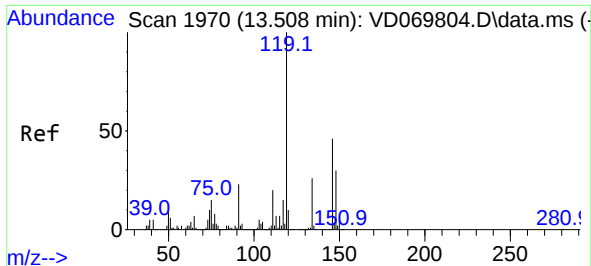


#86
p-Isopropyltoluene
Concen: 48.968 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. -0.006 min
Lab File: VD069819.D
Acq: 22 Jul 2021 20:33



Tgt Ion:119 Resp: 1579001
Ion Ratio Lower Upper
119 100
134 25.6 12.6 37.8
91 23.2 11.7 35.1





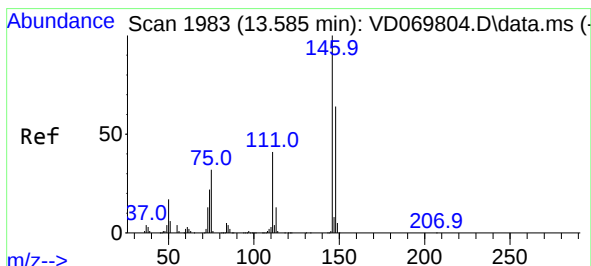
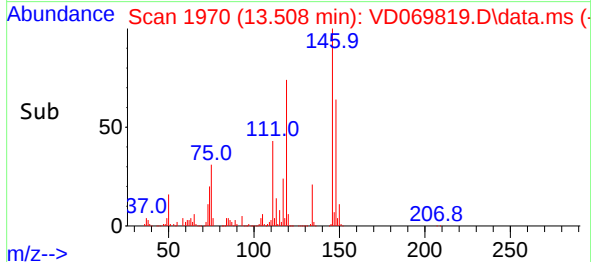
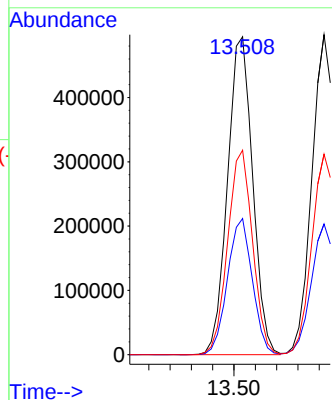
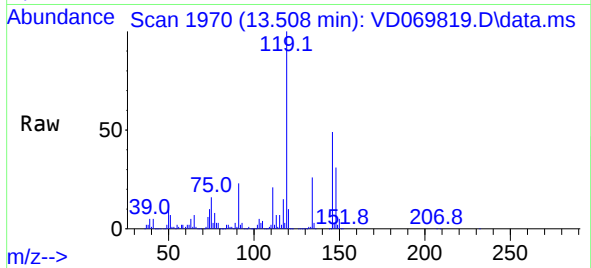
#87
1,3-Dichlorobenzene
Concen: 47.553 ug/l
RT: 13.508 min Scan# 1970
Delta R.T. -0.000 min
Lab File: VD069819.D
Acq: 22 Jul 2021 20:33

Tgt Ion:146 Resp: 811711
Ion Ratio Lower Upper
146 100
111 42.3 21.7 65.1
148 63.6 32.1 96.3

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

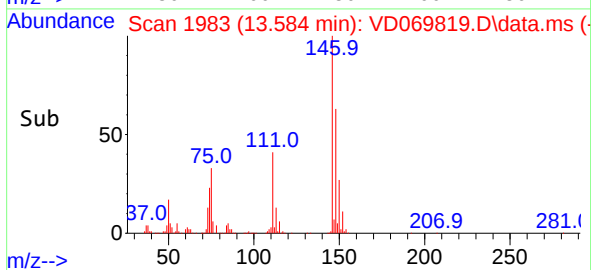
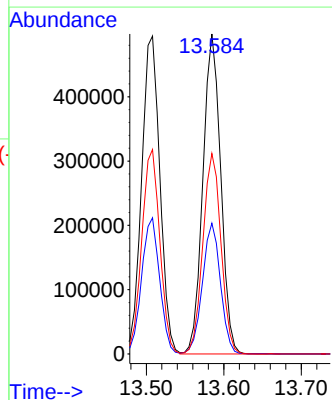
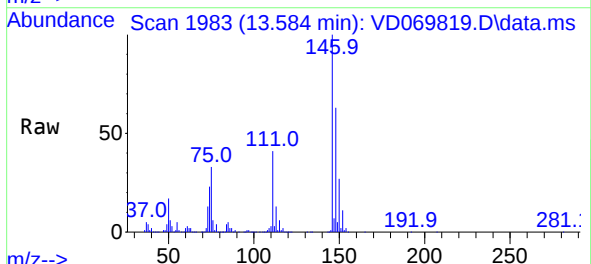
Manual Integrations
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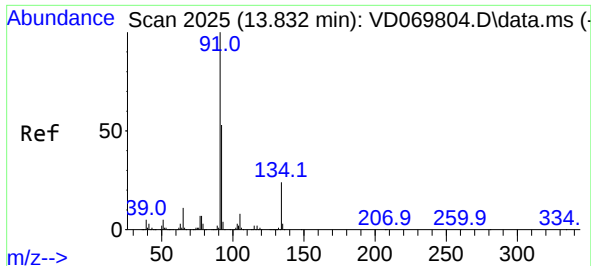
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#88
1,4-Dichlorobenzene
Concen: 46.760 ug/l
RT: 13.584 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VD069819.D
Acq: 22 Jul 2021 20:33

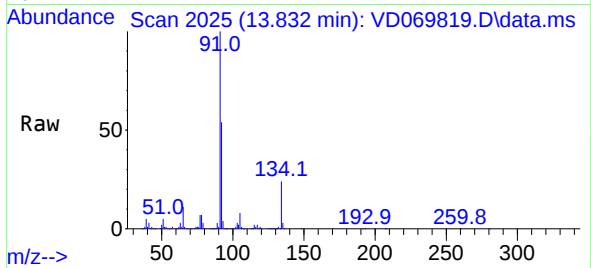
Tgt Ion:146 Resp: 795559
Ion Ratio Lower Upper
146 100
111 41.2 20.8 62.4
148 63.6 31.6 95.0





#89
n-Butylbenzene
Concen: 48.710 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. -0.000 min
Lab File: VD069819.D
Acq: 22 Jul 2021 20:33

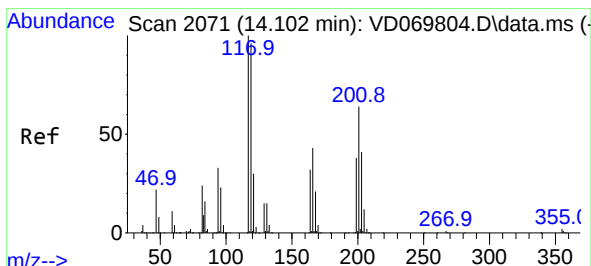
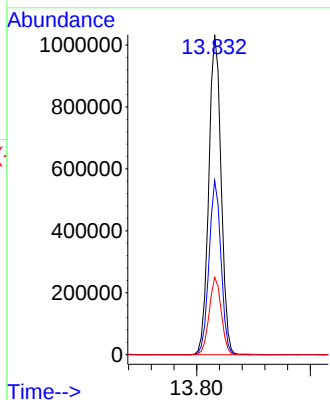
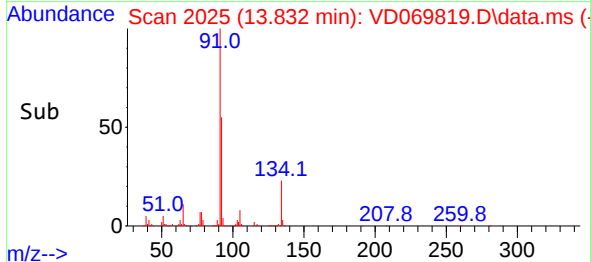
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



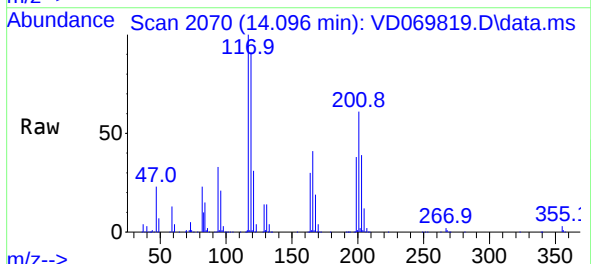
Tgt Ion: 91 Resp: 1550094
Ion Ratio Lower Upper
91 100
92 52.7 26.6 79.7
134 23.7 11.9 35.7

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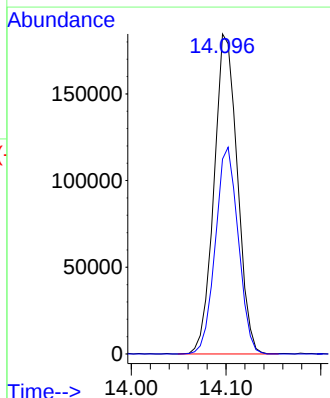
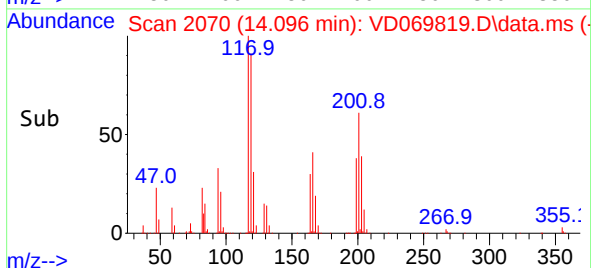
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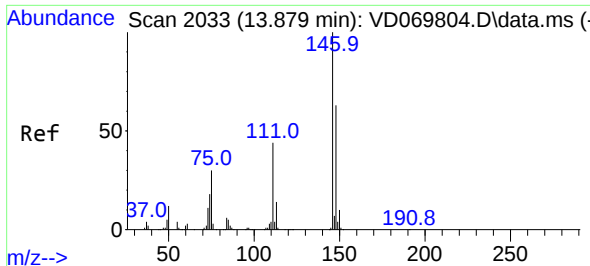


#90
Hexachloroethane
Concen: 46.299 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. -0.006 min
Lab File: VD069819.D
Acq: 22 Jul 2021 20:33



Tgt Ion: 117 Resp: 316243
Ion Ratio Lower Upper
117 100
201 63.3 31.9 95.5





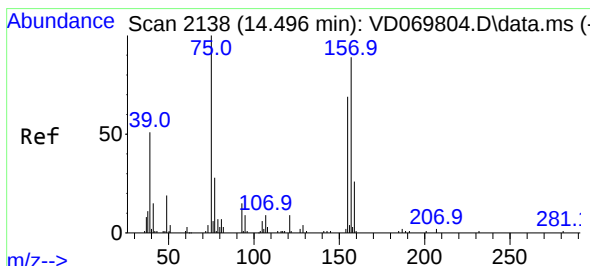
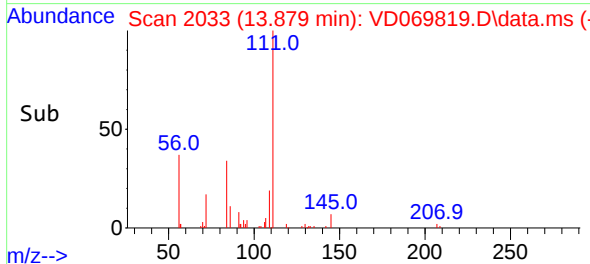
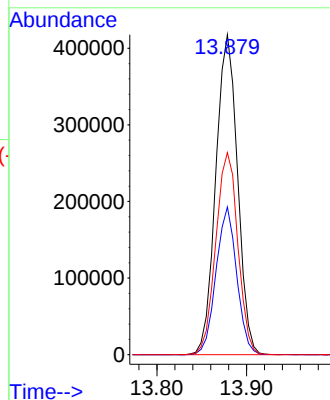
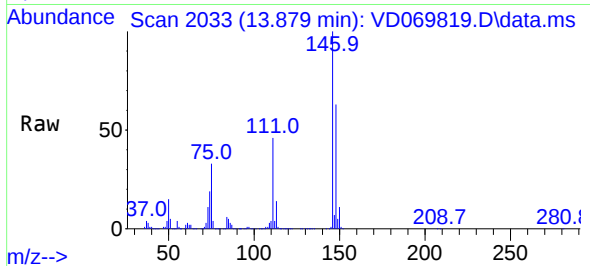
#91
1,2-Dichlorobenzene
Concen: 47.721 ug/l
RT: 13.879 min Scan# 2033
Delta R.T. -0.000 min
Lab File: VD069819.D
Acq: 22 Jul 2021 20:33

Tgt Ion:146 Resp: 703057
Ion Ratio Lower Upper
146 100
111 44.0 21.7 65.1
148 64.0 31.2 93.6

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

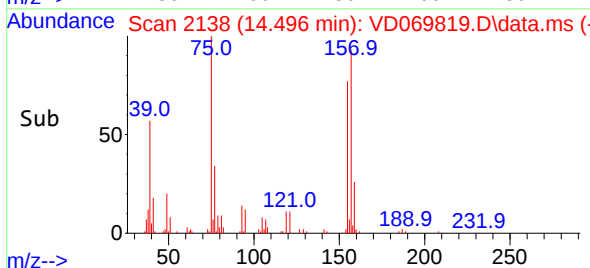
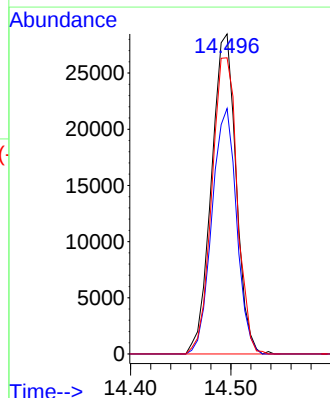
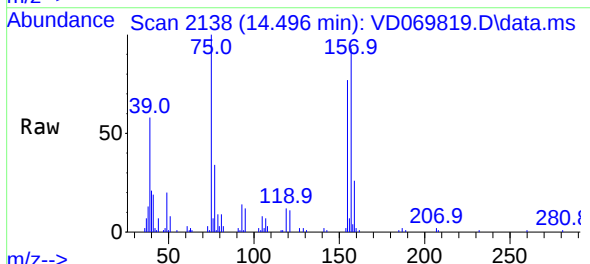
Manual Integrations
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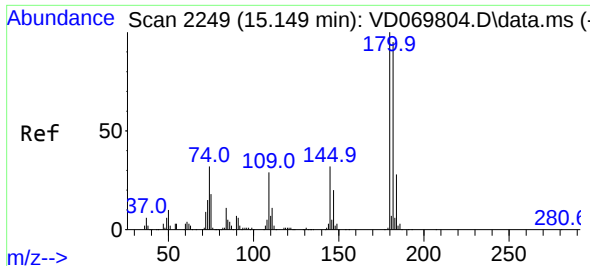
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#92
1,2-Dibromo-3-Chloropropane
Concen: 46.876 ug/l
RT: 14.496 min Scan# 2138
Delta R.T. -0.000 min
Lab File: VD069819.D
Acq: 22 Jul 2021 20:33

Tgt Ion: 75 Resp: 48661
Ion Ratio Lower Upper
75 100
155 76.5 36.3 108.9
157 95.0 47.0 141.0





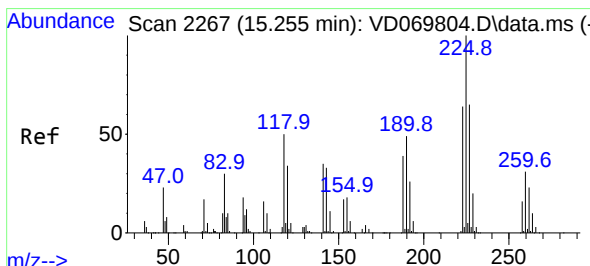
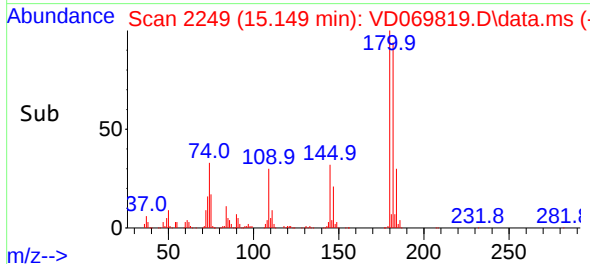
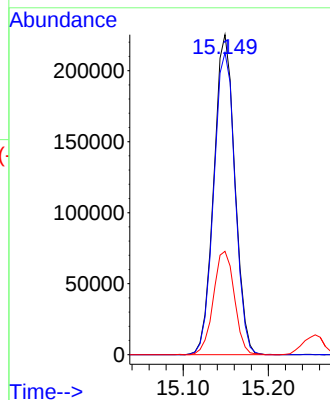
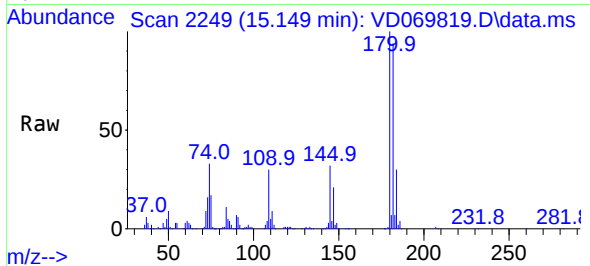
#93
1,2,4-Trichlorobenzene
Concen: 48.489 ug/l
RT: 15.149 min Scan# 2249
Delta R.T. -0.000 min
Lab File: VD069819.D
Acq: 22 Jul 2021 20:33

Tgt Ion:180 Resp: 385435
Ion Ratio Lower Upper
180 100
182 95.7 47.6 142.9
145 32.4 16.4 49.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

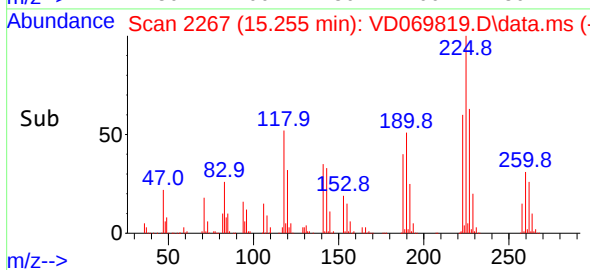
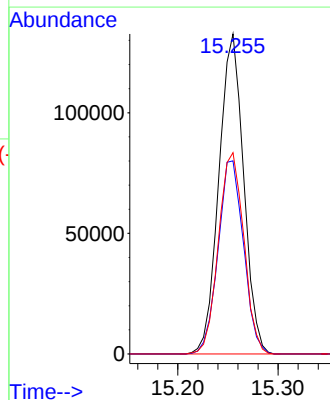
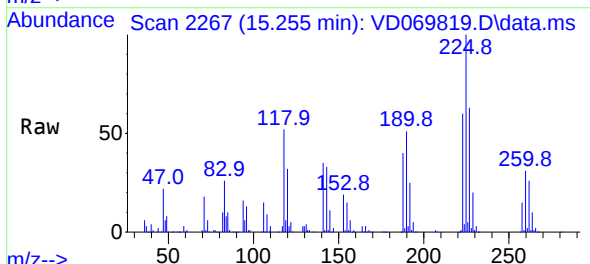
Manual Integrations
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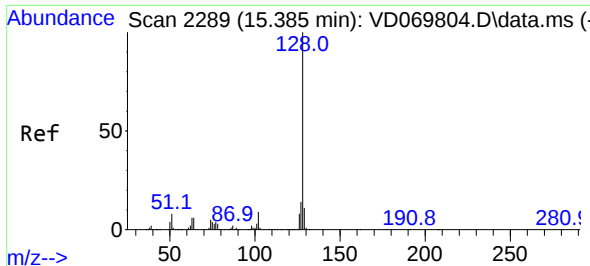
MMDadoda
7/23/2021 5:15:55 PM



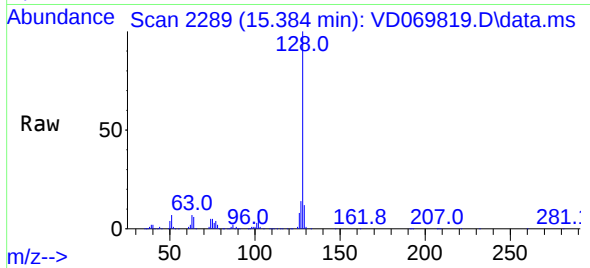
#94
Hexachlorobutadiene
Concen: 46.729 ug/l
RT: 15.255 min Scan# 2267
Delta R.T. -0.000 min
Lab File: VD069819.D
Acq: 22 Jul 2021 20:33

Tgt Ion:225 Resp: 227217
Ion Ratio Lower Upper
225 100
223 62.1 31.5 94.5
227 64.4 31.9 95.7

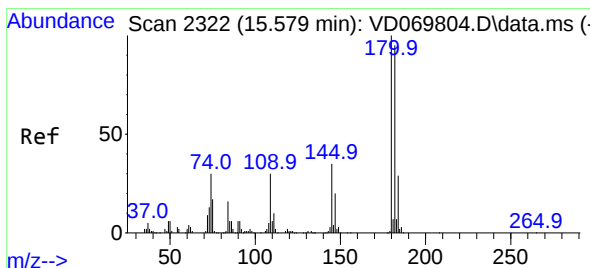
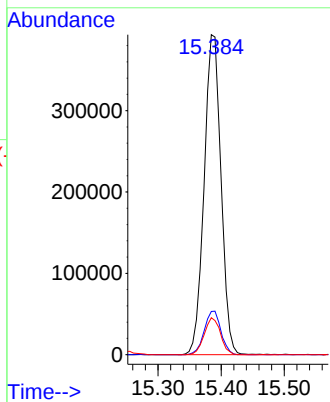
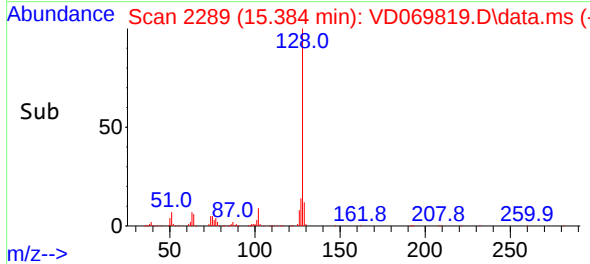




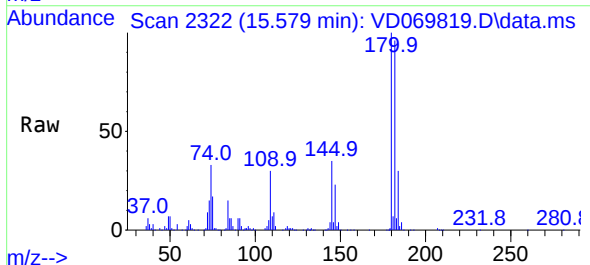
#95
Naphthalene
Concen: 44.951 ug/l
RT: 15.384 min Scan# 2289
Delta R.T. -0.001 min
Lab File: VD069819.D
Acq: 22 Jul 2021 20:33



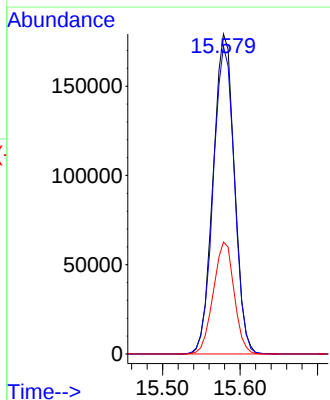
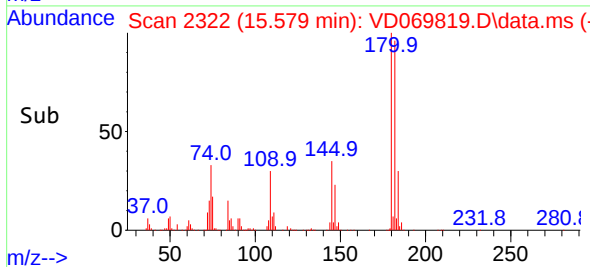
Tgt Ion:128 Resp: 728958
Ion Ratio Lower Upper
128 100
127 13.5 10.6 16.0
129 11.1 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 49.698 ug/l
RT: 15.579 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VD069819.D
Acq: 22 Jul 2021 20:33



Tgt Ion:180 Resp: 341629
Ion Ratio Lower Upper
180 100
182 95.8 47.3 142.0
145 34.3 17.3 51.9



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
7/23/2021 5:15:55 PM