

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061421\
 Data File : VD069421.D
 Acq On : 14 Jun 2021 12:34
 Operator : VA/SY
 Sample : VD0614SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0614SBS01

Manual Integrations
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 6/23/2021 11:38:37 AM

Quant Time: Jun 15 07:25:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061121S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 11 12:50:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	405194	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	655483	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	625291	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	315103	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	232051	50.763	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.520%			
35) Dibromofluoromethane	7.914	113	246717	50.252	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.500%			
50) Toluene-d8	10.337	98	936546	52.156	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.320%			
62) 4-Bromofluorobenzene	12.626	95	304606	52.868	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 105.740%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.985	85	75051	18.591	ug/l	99
3) Chloromethane	2.208	50	67136	16.625	ug/l	99
4) Vinyl Chloride	2.350	62	89485	18.321	ug/l	99
5) Bromomethane	2.755	94	71919	18.583	ug/l	95
6) Chloroethane	2.914	64	60794	18.092	ug/l	97
7) Trichlorofluoromethane	3.273	101	150883	18.887	ug/l	98
8) Diethyl Ether	3.714	74	35857	17.879	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.097	101	90771	19.107	ug/l	99
10) Methyl Iodide	4.297	142	76965	17.986	ug/l	98
11) Tert butyl alcohol	5.197	59	15163	63.803	ug/l	96
12) 1,1-Dichloroethene	4.073	96	77893	18.126	ug/l	97
13) Acrolein	3.920	56	27830	93.934	ug/l	93
14) Allyl chloride	4.714	41	95125	18.821	ug/l	97
15) Acrylonitrile	5.420	53	76333	99.058	ug/l	98
16) Acetone	4.161	43	71806	94.901	ug/l	93
17) Carbon Disulfide	4.408	76	252353	18.154	ug/l	99
18) Methyl Acetate	4.720	43	41931	21.211	ug/l	100
19) Methyl tert-butyl Ether	5.485	73	148025	18.893	ug/l	96
20) Methylene Chloride	4.961	84	131370	19.605	ug/l	95
21) trans-1,2-Dichloroethene	5.473	96	92374	18.359	ug/l	97
22) Diisopropyl ether	6.367	45	201298	20.031	ug/l	96
23) Vinyl Acetate	6.308	43	515711	91.770	ug/l	96
24) 1,1-Dichloroethane	6.261	63	163514	19.545	ug/l	99
25) 2-Butanone	7.208	43	92312	97.841	ug/l	99
26) 2,2-Dichloropropane	7.208	77	145753	19.774	ug/l	98
27) cis-1,2-Dichloroethene	7.214	96	104451	19.179	ug/l	97
28) Bromochloromethane	7.543	49	59820	19.519	ug/l	100
29) Tetrahydrofuran	7.561	42	50943	95.946	ug/l	97
30) Chloroform	7.708	83	179582	19.266	ug/l	100
31) Cyclohexane	7.985	56	114179	18.381	ug/l #	95
32) 1,1,1-Trichloroethane	7.908	97	159887	19.526	ug/l	98
36) 1,1-Dichloropropene	8.114	75	127001	18.607	ug/l	98
37) Ethyl Acetate	7.296	43	43565	19.078	ug/l #	95
38) Carbon Tetrachloride	8.096	117	140960	19.065	ug/l	98
39) Methylcyclohexane	9.355	83	123095	17.930	ug/l	99
40) Benzene	8.349	78	382798	19.269	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	19359	17.041	ug/l	96
42) 1,2-Dichloroethane	8.420	62	104103	19.098	ug/l	99
43) Isopropyl Acetate	8.449	43	81677	18.916	ug/l	98
44) Trichloroethene	9.114	130	103838	18.743	ug/l	93
45) 1,2-Dichloropropane	9.385	63	93085	19.195	ug/l	99
46) Dibromomethane	9.473	93	54295	19.540	ug/l	96
47) Bromodichloromethane	9.661	83	135517	18.917	ug/l #	99
48) Methyl methacrylate	9.455	41	35347	18.001	ug/l	89
49) 1,4-Dioxane	9.455	88	10401	384.382	ug/l	94
51) 4-Methyl-2-Pentanone	10.226	43	210183	95.408	ug/l	98
52) Toluene	10.402	92	244708	19.400	ug/l	99
53) t-1,3-Dichloropropene	10.620	75	116225	18.941	ug/l	98
54) cis-1,3-Dichloropropene	10.085	75	142045	19.257	ug/l	98
55) 1,1,2-Trichloroethane	10.796	97	75364	19.622	ug/l	98
56) Ethyl methacrylate	10.655	69	71589	18.224	ug/l	99
57) 1,3-Dichloropropane	10.943	76	118919	19.020	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.943	63	184785	91.627	ug/l	99
59) 2-Hexanone	10.984	43	145000	98.605	ug/l	93
60) Dibromochloromethane	11.137	129	94074	19.218	ug/l	98
61) 1,2-Dibromoethane	11.243	107	71494	19.378	ug/l	96
64) Tetrachloroethene	10.873	164	89298	18.466	ug/l	94
65) Chlorobenzene	11.667	112	261115	18.986	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.737	131	101740	19.273	ug/l	100
67) Ethyl Benzene	11.743	91	435144	18.866	ug/l	98
68) m/p-Xylenes	11.849	106	353398	38.572	ug/l	99
69) o-Xylene	12.179	106	152420	18.801	ug/l	99
70) Styrene	12.190	104	279062	19.564	ug/l	99
71) Bromoform	12.355	173	52629	19.257	ug/l #	98
73) Isopropylbenzene	12.473	105	416729	18.811	ug/l	100
74) N-amyl acetate	12.284	43	73742	18.555	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.726	83	82750	19.455	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	57948m	18.139	ug/l	
77) Bromobenzene	12.755	156	107662	19.383	ug/l	97
78) n-propylbenzene	12.814	91	526596	19.370	ug/l	99
79) 2-Chlorotoluene	12.902	91	296687	19.198	ug/l	96
80) 1,3,5-Trimethylbenzene	12.955	105	368101	19.710	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.526	75	22521	18.807	ug/l	96
82) 4-Chlorotoluene	12.996	91	322205	19.591	ug/l	100
83) tert-Butylbenzene	13.214	119	297604	18.718	ug/l	99
84) 1,2,4-Trimethylbenzene	13.261	105	366250	19.615	ug/l	99
85) sec-Butylbenzene	13.396	105	451697	19.326	ug/l	98
86) p-Isopropyltoluene	13.508	119	388589	19.137	ug/l	100
87) 1,3-Dichlorobenzene	13.508	146	205930	18.512	ug/l	98
88) 1,4-Dichlorobenzene	13.584	146	212860	19.210	ug/l	98
89) n-Butylbenzene	13.837	91	353814	18.731	ug/l	99
90) Hexachloroethane	14.102	117	75309	19.054	ug/l	99
91) 1,2-Dichlorobenzene	13.878	146	183182	18.875	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.502	75	12204	19.052	ug/l	97
93) 1,2,4-Trichlorobenzene	15.149	180	103597	18.345	ug/l	98
94) Hexachlorobutadiene	15.261	225	68439	19.382	ug/l	99
95) Naphthalene	15.390	128	167969	17.858	ug/l	98
96) 1,2,3-Trichlorobenzene	15.578	180	92864	18.941	ug/l	98

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ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0614SBSD01

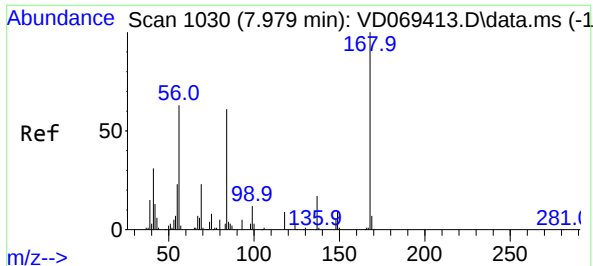
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Fri Jun 11 12:50:13 2021
Response via : Initial Calibration

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



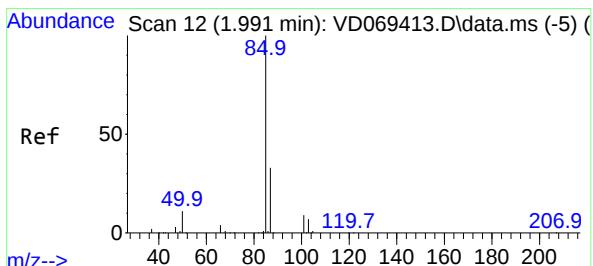
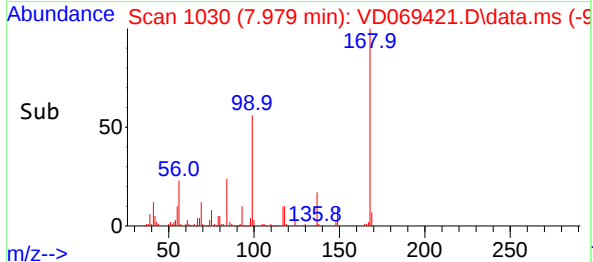
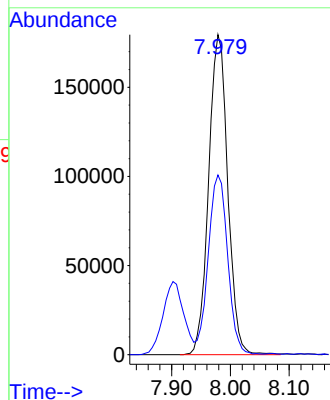
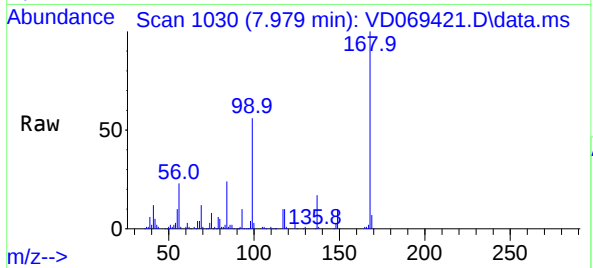
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069421.D
Acq: 14 Jun 2021 12:34

Tgt Ion: 168 Resp: 405194
Ion Ratio Lower Upper
168 100
99 55.9 46.2 69.2

Instrument :
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ClientSampleId :
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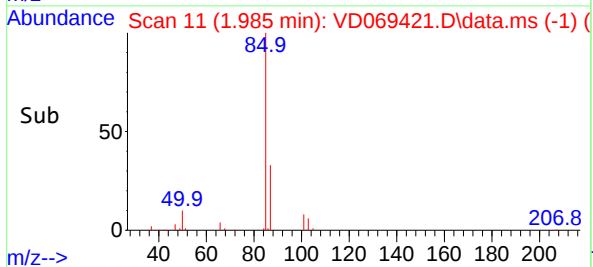
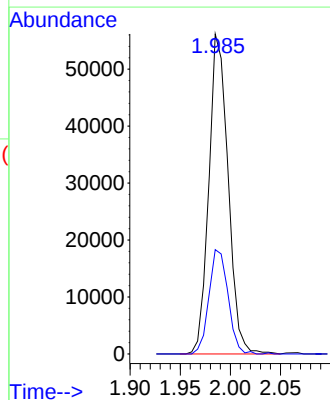
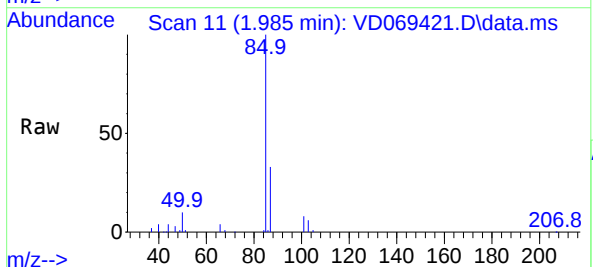
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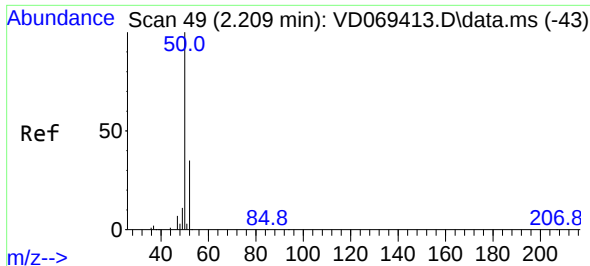
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#2
Dichlorodifluoromethane
Concen: 18.591 ug/l
RT: 1.985 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD069421.D
Acq: 14 Jun 2021 12:34

Tgt Ion: 85 Resp: 75051
Ion Ratio Lower Upper
85 100
87 32.6 15.9 47.7





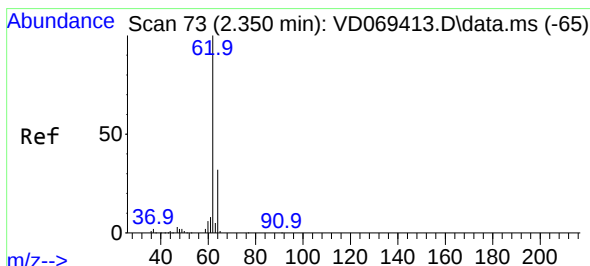
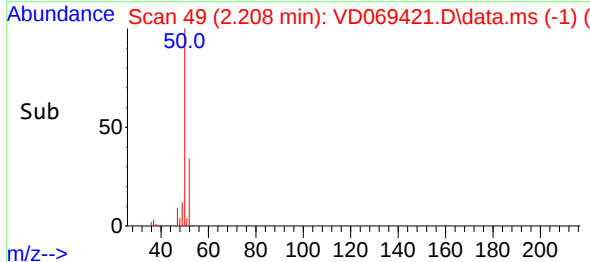
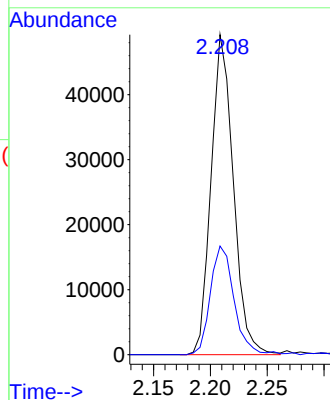
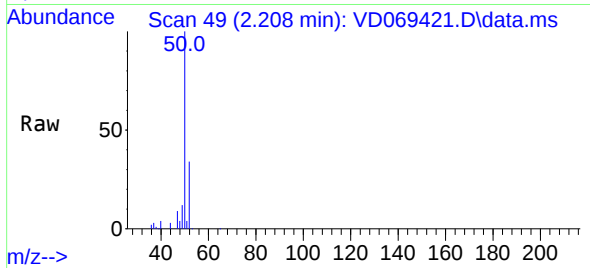
#3
Chloromethane
Concen: 16.625 ug/l
RT: 2.208 min Scan# 49
Delta R.T. -0.001 min
Lab File: VD069421.D
Acq: 14 Jun 2021 12:34

Tgt Ion: 50 Resp: 67136
Ion Ratio Lower Upper
50 100
52 34.0 26.7 40.1

Instrument :
MSVOA_D
ClientSampleId :
VD0614SBSD01

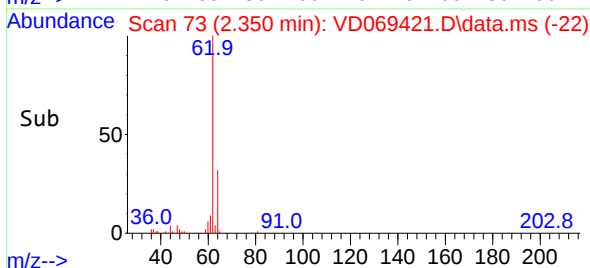
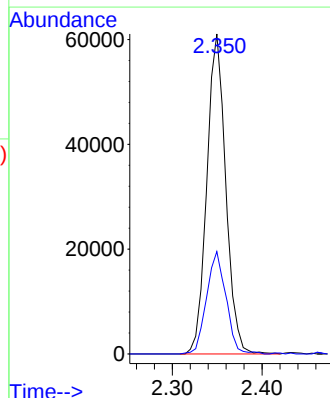
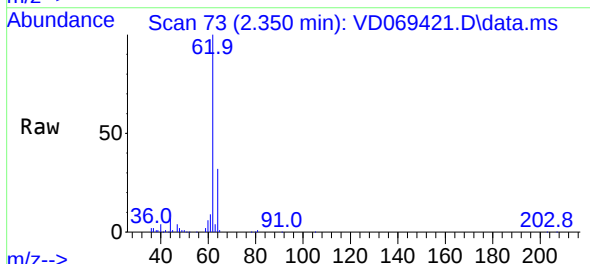
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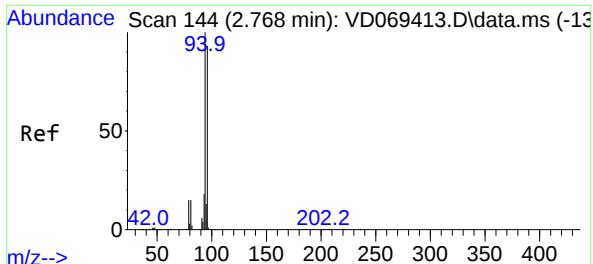
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#4
Vinyl Chloride
Concen: 18.321 ug/l
RT: 2.350 min Scan# 73
Delta R.T. -0.000 min
Lab File: VD069421.D
Acq: 14 Jun 2021 12:34

Tgt Ion: 62 Resp: 89485
Ion Ratio Lower Upper
62 100
64 32.0 26.2 39.4





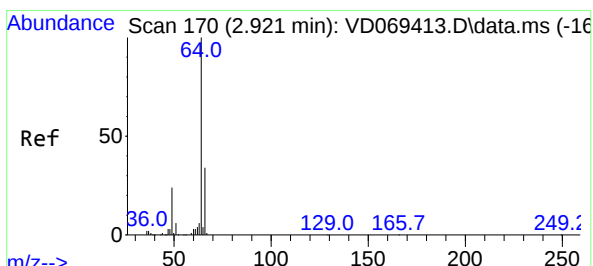
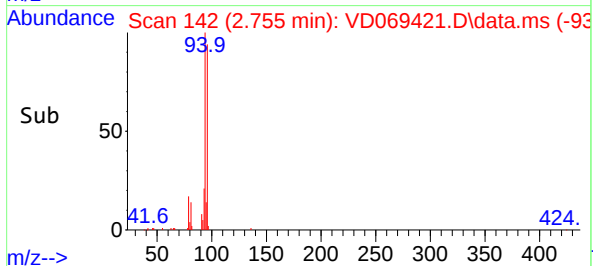
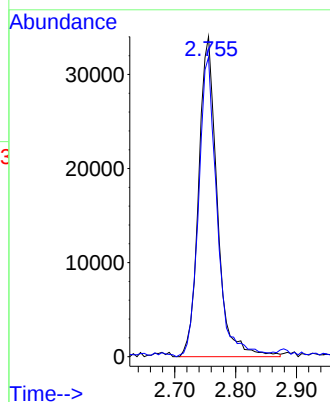
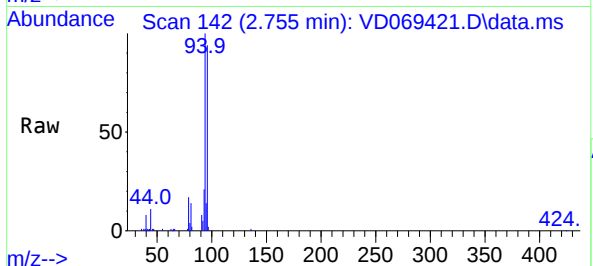
#5
Bromomethane
Concen: 18.583 ug/l
RT: 2.755 min Scan# 142
Delta R.T. -0.013 min
Lab File: VD069421.D
Acq: 14 Jun 2021 12:34

Tgt Ion: 94 Resp: 71919
Ion Ratio Lower Upper
94 100
96 93.0 70.3 105.5

Instrument :
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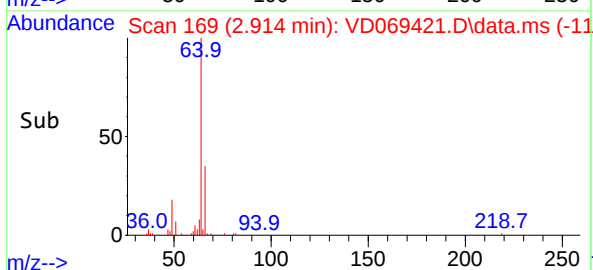
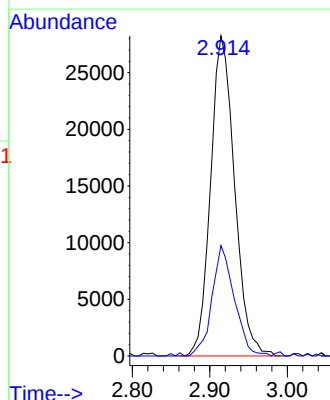
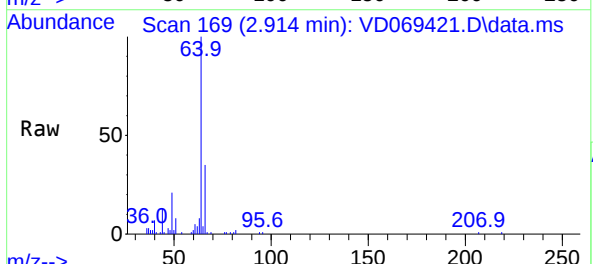
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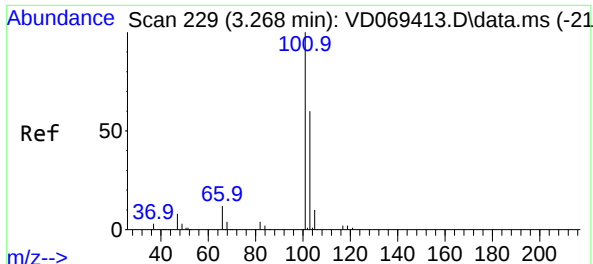
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#6
Chloroethane
Concen: 18.092 ug/l
RT: 2.914 min Scan# 169
Delta R.T. -0.007 min
Lab File: VD069421.D
Acq: 14 Jun 2021 12:34

Tgt Ion: 64 Resp: 60794
Ion Ratio Lower Upper
64 100
66 33.5 25.4 38.0





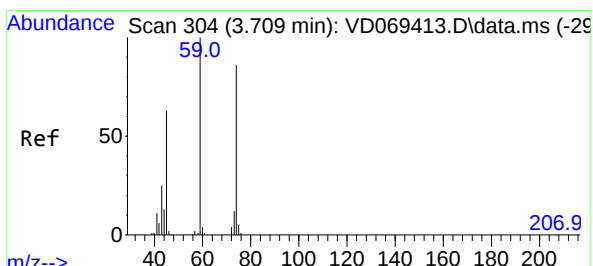
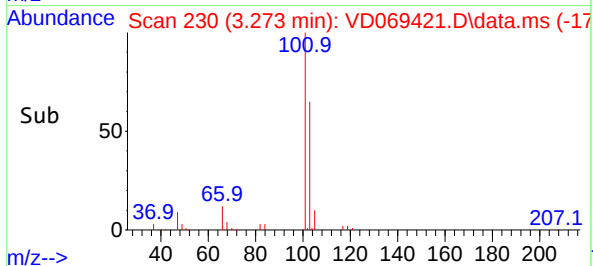
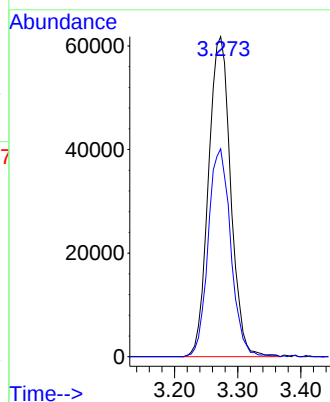
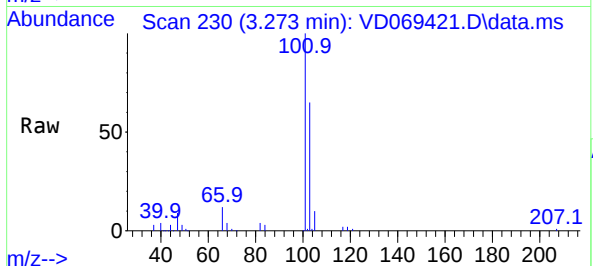
#7
Trichlorofluoromethane
Concen: 18.887 ug/l
RT: 3.273 min Scan# 230
Delta R.T. 0.005 min
Lab File: VD069421.D
Acq: 14 Jun 2021 12:34

Tgt Ion:101 Resp: 150883
Ion Ratio Lower Upper
101 100
103 64.9 51.0 76.4

Instrument :
MSVOA_D
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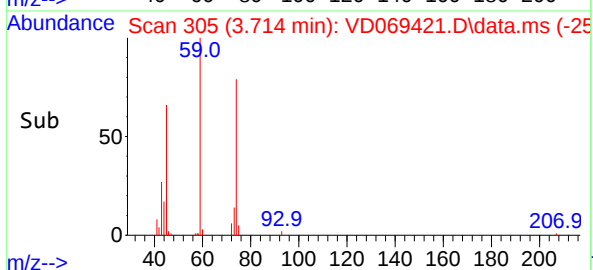
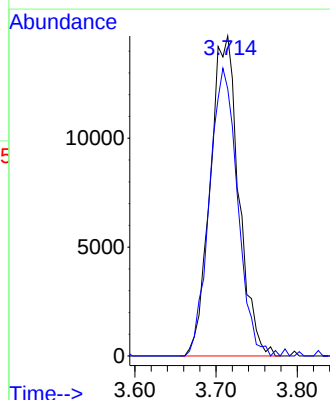
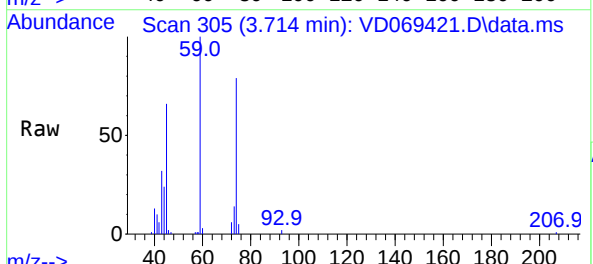
Manual Integrations
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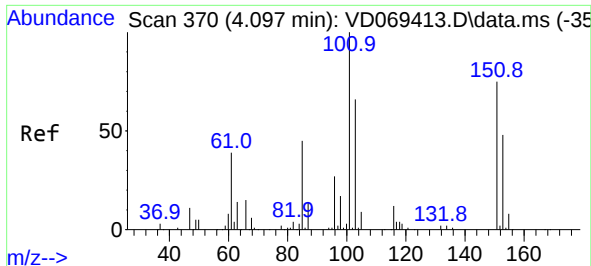
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#8
Diethyl Ether
Concen: 17.879 ug/l
RT: 3.714 min Scan# 305
Delta R.T. 0.005 min
Lab File: VD069421.D
Acq: 14 Jun 2021 12:34

Tgt Ion: 74 Resp: 35857
Ion Ratio Lower Upper
74 100
45 88.8 42.4 127.3





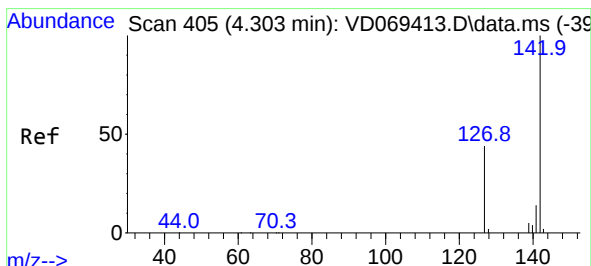
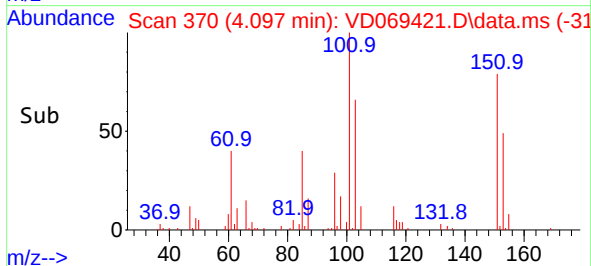
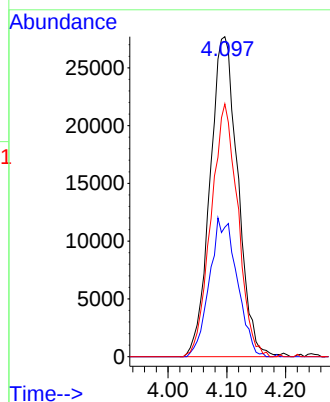
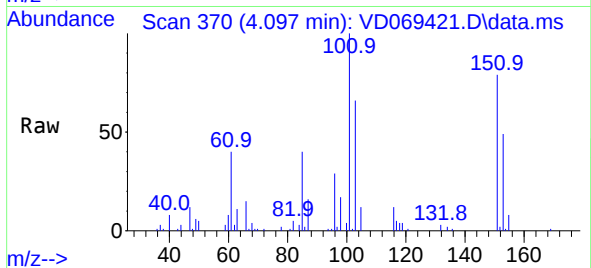
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.107 ug/l
RT: 4.097 min Scan# 370
Delta R.T. -0.000 min
Lab File: VD069421.D
Acq: 14 Jun 2021 12:34

Tgt Ion:	101	Resp:	90771
Ion	Ratio	Lower	Upper
101	100		
85	43.0	35.1	52.7
151	76.3	60.2	90.2

Instrument :
MSVOA_D
ClientSampleId :
VD0614SBSD01

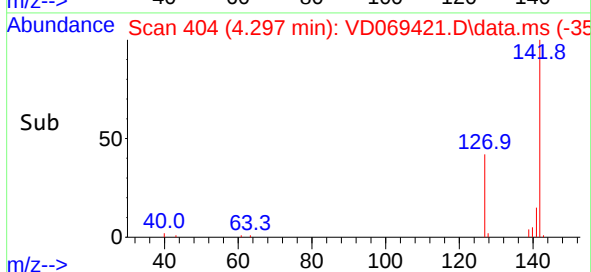
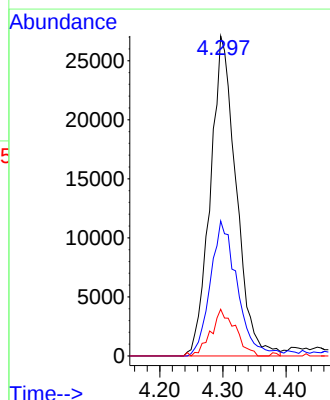
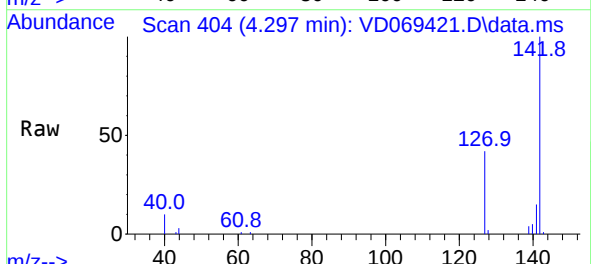
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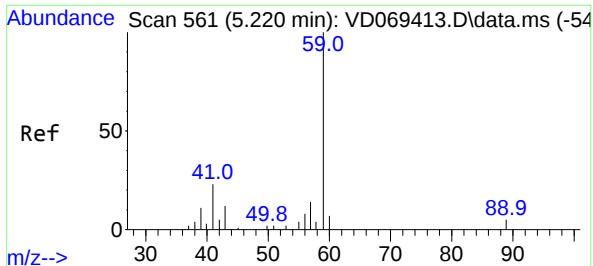
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#10
Methyl Iodide
Concen: 17.986 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD069421.D
Acq: 14 Jun 2021 12:34

Tgt Ion:	142	Resp:	76965
Ion	Ratio	Lower	Upper
142	100		
127	44.0	36.2	54.2
141	13.7	12.2	18.2





#11

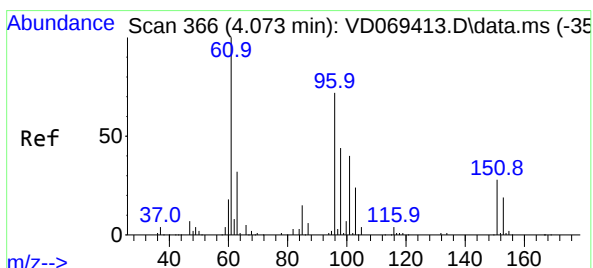
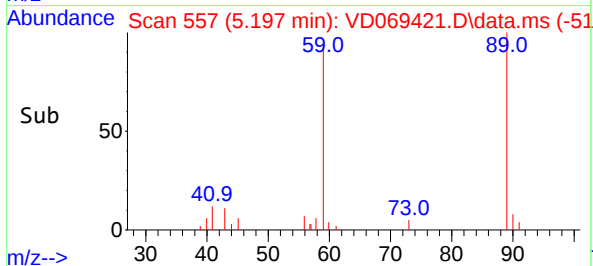
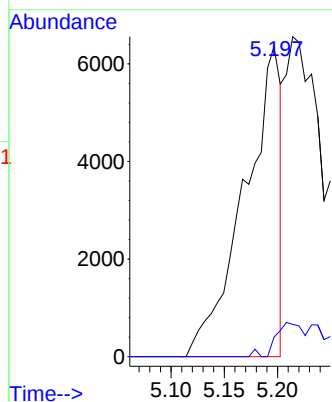
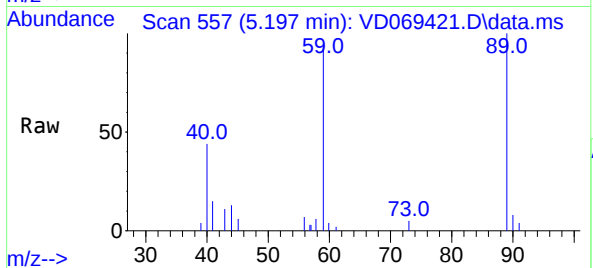
Tert butyl alcohol
Concen: 63.803 ug/l
RT: 5.197 min Scan# 557
Delta R.T. -0.023 min
Lab File: VD069421.D
Acq: 14 Jun 2021 12:34

Tgt Ion: 59 Resp: 15163
Ion Ratio Lower Upper
59 100
57 8.2 7.8 11.8

Instrument :
MSVOA_D
ClientSampleId :
VD0614SBSD01

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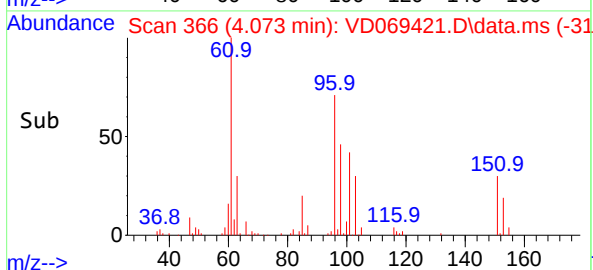
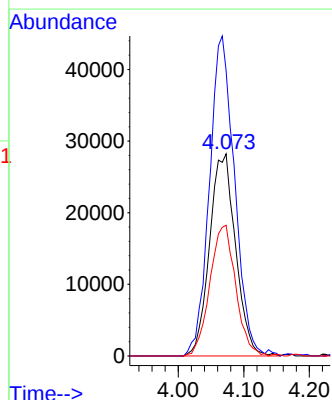
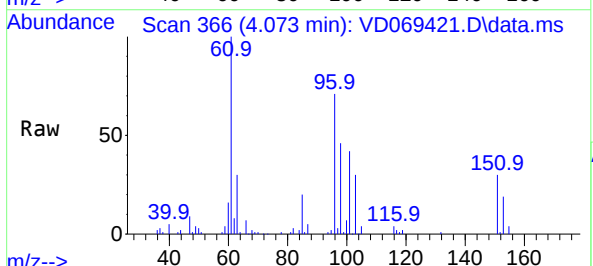
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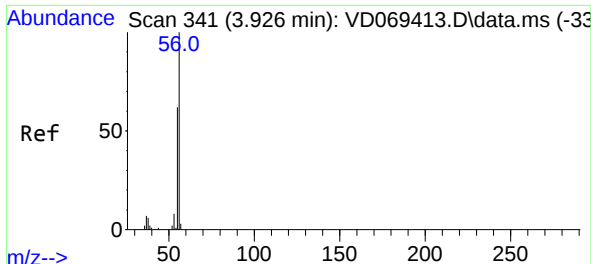


#12

1,1-Dichloroethene
Concen: 18.126 ug/l
RT: 4.073 min Scan# 366
Delta R.T. 0.000 min
Lab File: VD069421.D
Acq: 14 Jun 2021 12:34

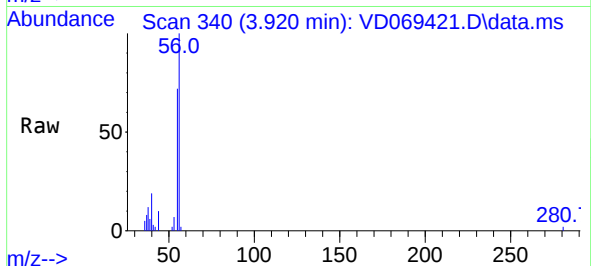
Tgt Ion: 96 Resp: 77893
Ion Ratio Lower Upper
96 100
61 141.1 116.5 174.7
98 64.7 50.8 76.2





#13
Acrolein
Concen: 93.934 ug/l
RT: 3.920 min Scan# 340
Delta R.T. -0.006 min
Lab File: VD069421.D
Acq: 14 Jun 2021 12:34

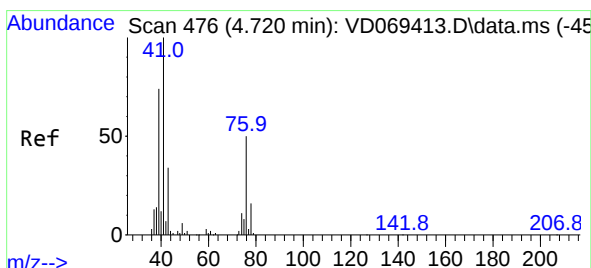
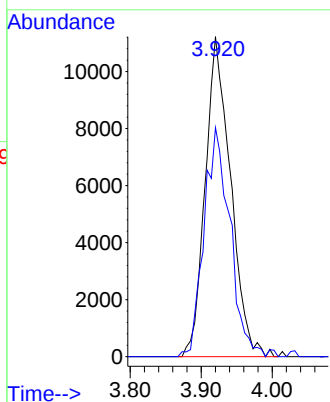
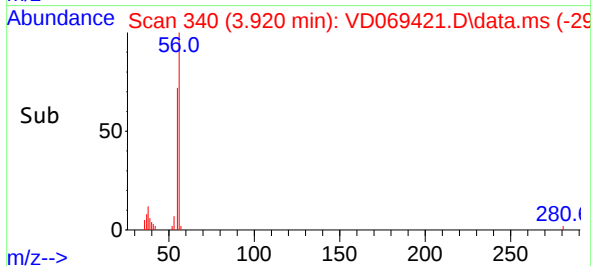
Instrument :
MSVOA_D
ClientSampleId :
VD0614SBSD01



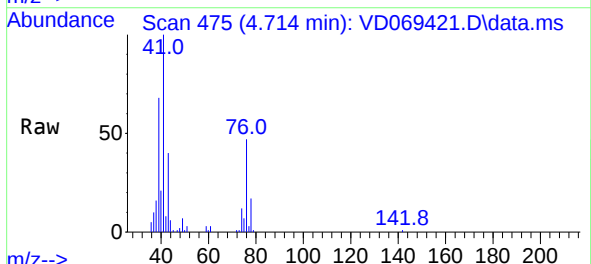
Tgt Ion: 56 Resp: 27830
Ion Ratio Lower Upper
56 100
55 73.2 53.8 80.8

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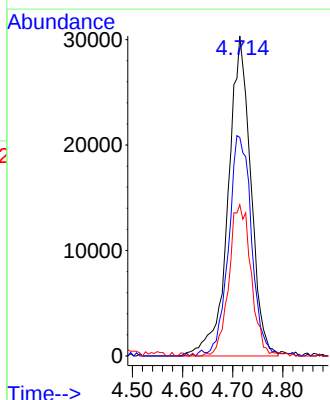
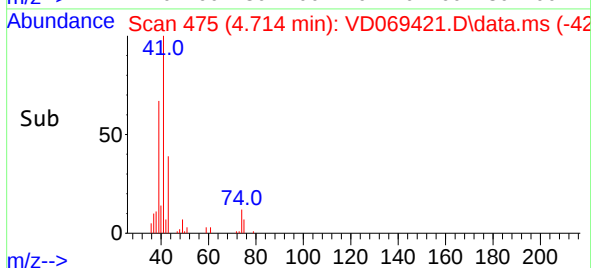
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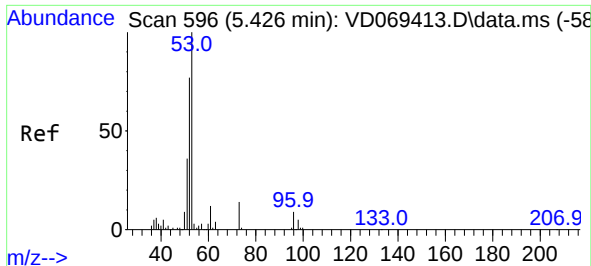


#14
Allyl chloride
Concen: 18.821 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.006 min
Lab File: VD069421.D
Acq: 14 Jun 2021 12:34



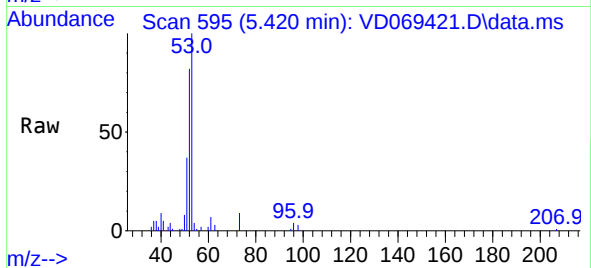
Tgt Ion: 41 Resp: 95125
Ion Ratio Lower Upper
41 100
39 67.1 56.1 84.1
76 46.5 37.9 56.9





#15
Acrylonitrile
Concen: 99.058 ug/l
RT: 5.420 min Scan# 595
Delta R.T. -0.006 min
Lab File: VD069421.D
Acq: 14 Jun 2021 12:34

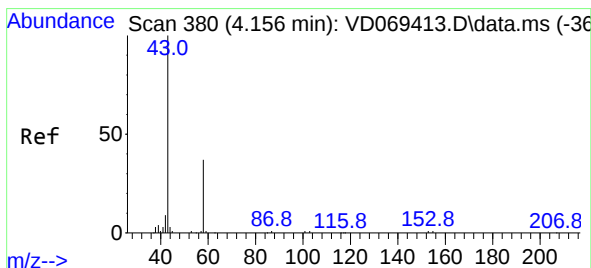
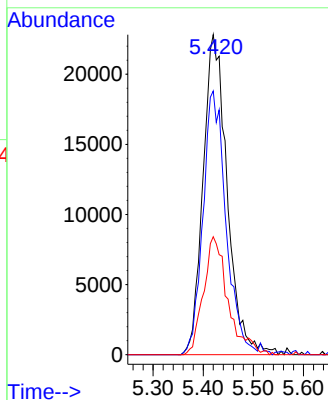
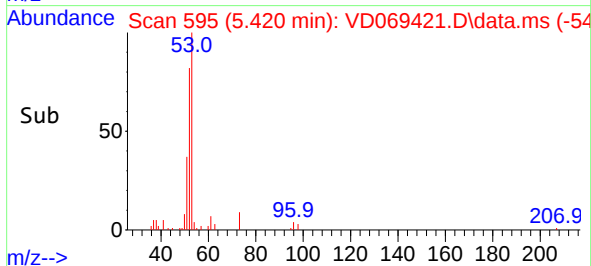
Instrument :
MSVOA_D
ClientSampleId :
VD0614SBSD01



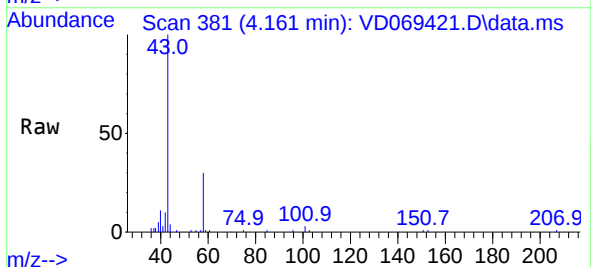
Tgt Ion: 53 Resp: 76333
Ion Ratio Lower Upper
53 100
52 78.5 64.5 96.7
51 37.4 28.6 43.0

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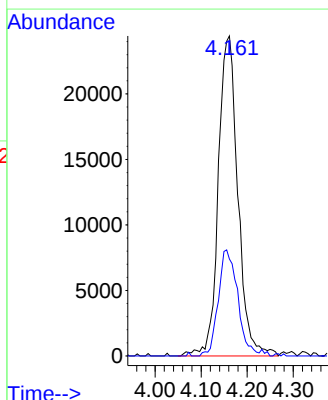
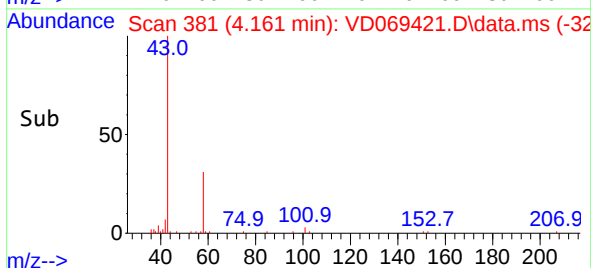
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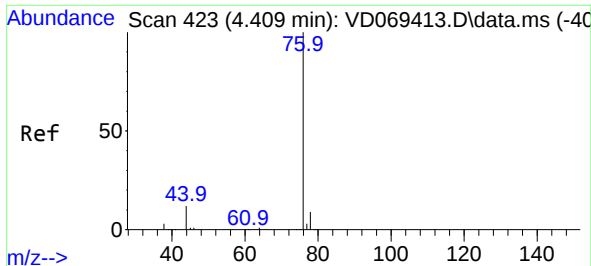


#16
Acetone
Concen: 94.901 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.005 min
Lab File: VD069421.D
Acq: 14 Jun 2021 12:34



Tgt Ion: 43 Resp: 71806
Ion Ratio Lower Upper
43 100
58 30.3 27.5 41.3





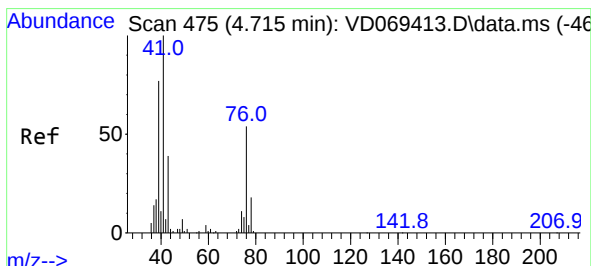
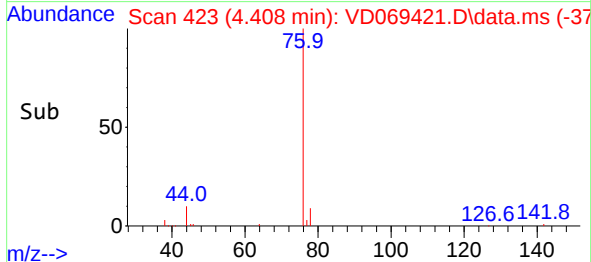
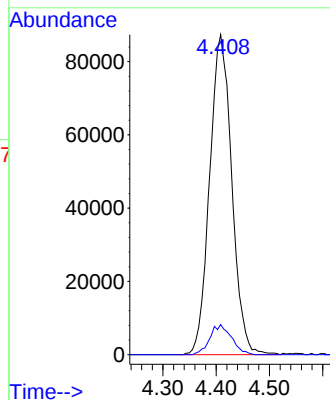
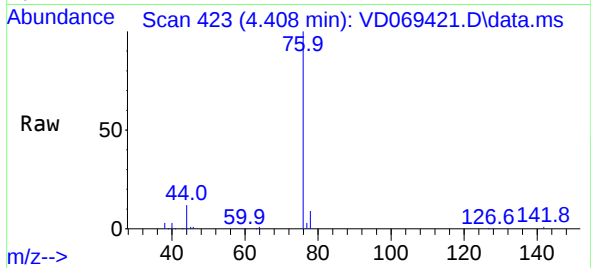
#17
Carbon Disulfide
Concen: 18.154 ug/l
RT: 4.408 min Scan# 423
Delta R.T. -0.001 min
Lab File: VD069421.D
Acq: 14 Jun 2021 12:34

Tgt Ion: 76 Resp: 252353
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0

Instrument :
MSVOA_D
ClientSampleId :
VD0614SBSD01

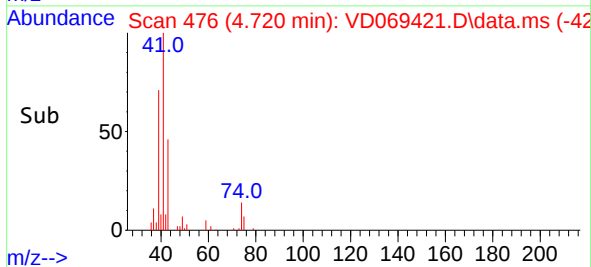
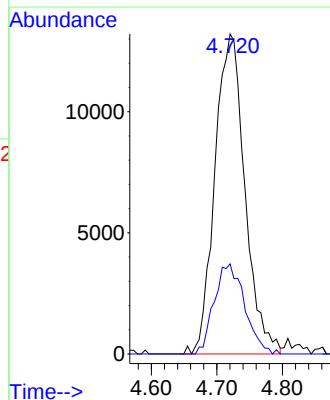
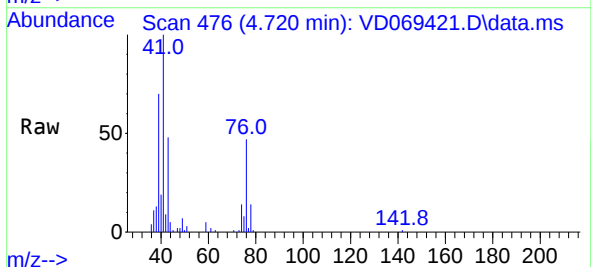
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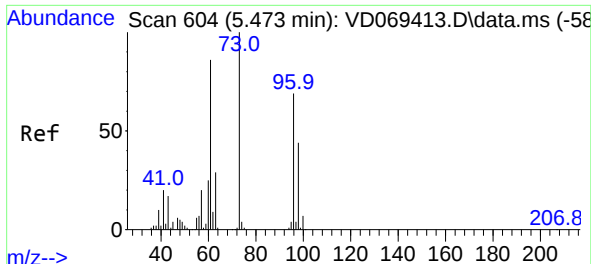
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#18
Methyl Acetate
Concen: 21.211 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.005 min
Lab File: VD069421.D
Acq: 14 Jun 2021 12:34

Tgt Ion: 43 Resp: 41931
Ion Ratio Lower Upper
43 100
74 28.6 22.8 34.2



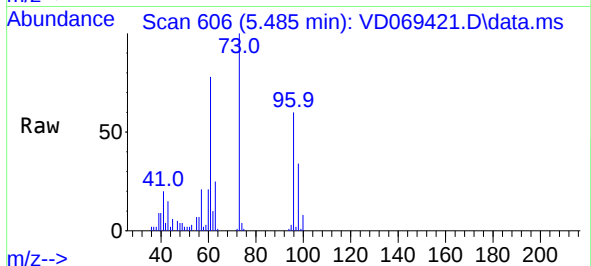


#19
Methyl tert-butyl Ether
Concen: 18.893 ug/l
RT: 5.485 min Scan# 606
Delta R.T. 0.012 min
Lab File: VD069421.D
Acq: 14 Jun 2021 12:34

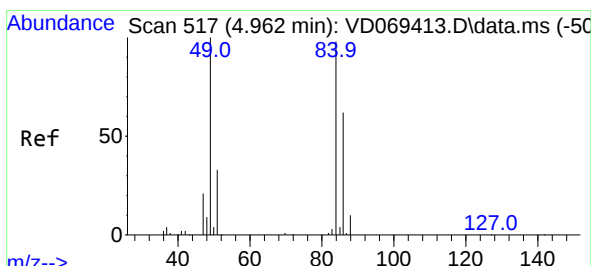
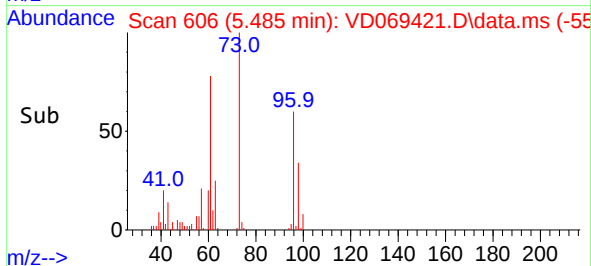
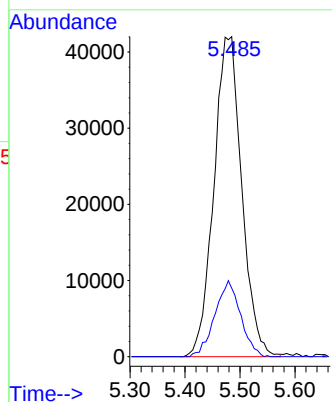
Instrument :
MSVOA_D
ClientSampleId :
VD0614SBSD01

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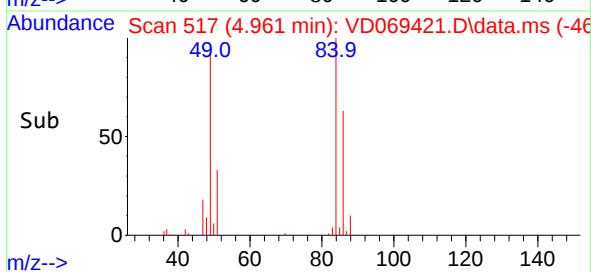
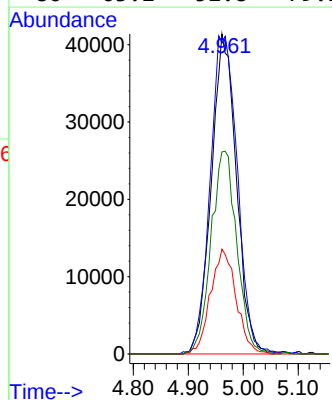
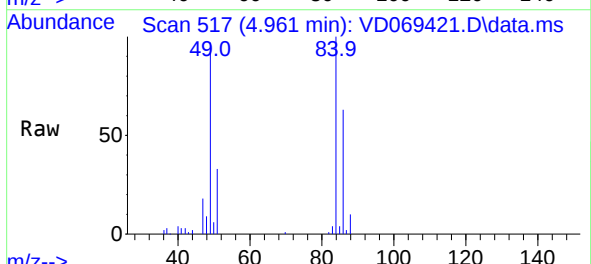


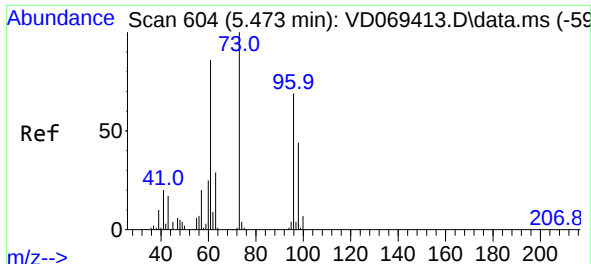
Tgt Ion: 73 Resp: 148025
Ion Ratio Lower Upper
73 100
57 21.4 15.7 23.5



#20
Methylene Chloride
Concen: 19.605 ug/l
RT: 4.961 min Scan# 517
Delta R.T. -0.001 min
Lab File: VD069421.D
Acq: 14 Jun 2021 12:34

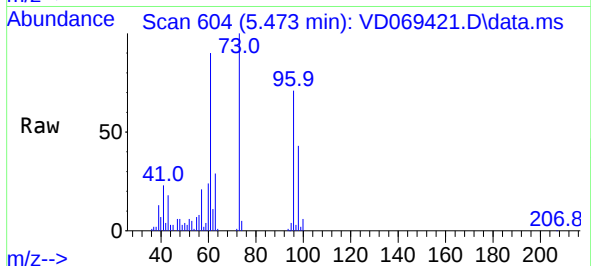
Tgt Ion: 84 Resp: 131370
Ion Ratio Lower Upper
84 100
49 97.2 83.7 125.5
51 32.8 26.4 39.6
86 63.2 52.8 79.2





#21
trans-1,2-Dichloroethene
Concen: 18.359 ug/l
RT: 5.473 min Scan# 604
Delta R.T. -0.000 min
Lab File: VD069421.D
Acq: 14 Jun 2021 12:34

Instrument :
MSVOA_D
ClientSampleId :
VD0614SBSD01

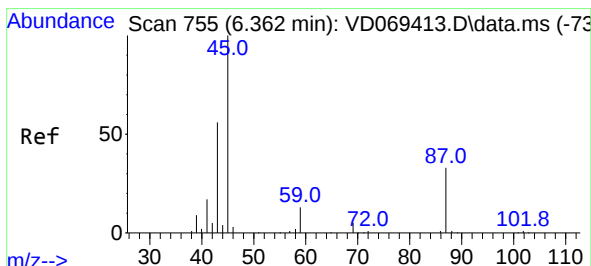
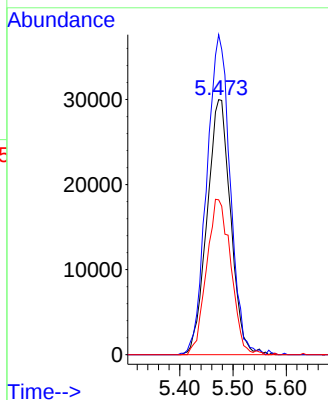
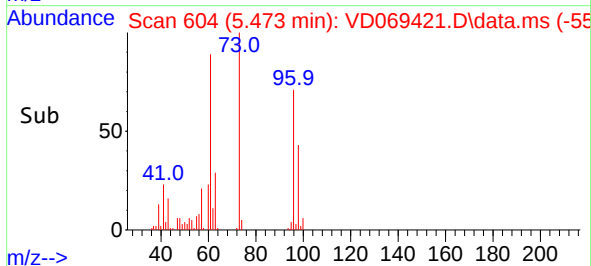


Tgt Ion: 96 Resp: 92374

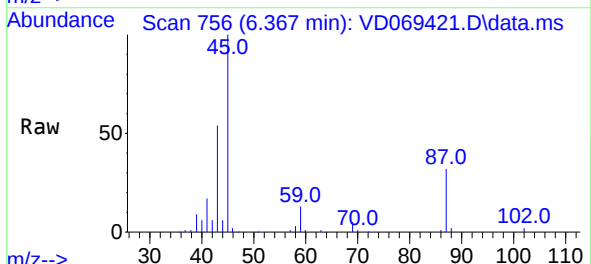
Ion	Ratio	Lower	Upper
96	100		
61	125.4	98.8	148.2
98	60.7	51.4	77.2

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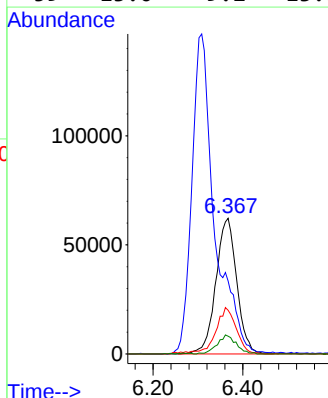
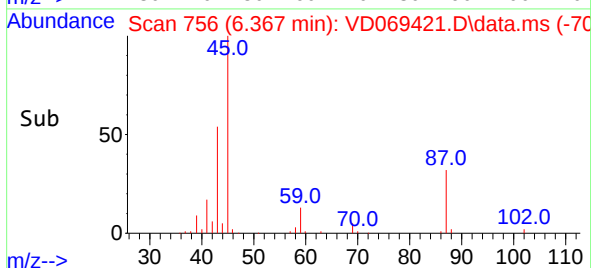


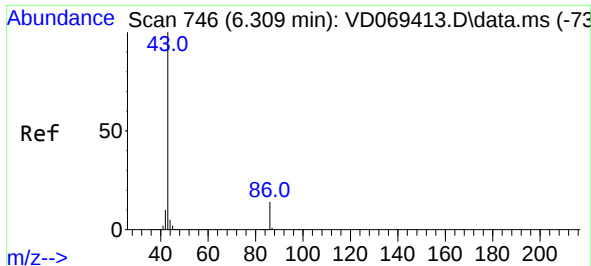
#22
Diisopropyl ether
Concen: 20.031 ug/l
RT: 6.367 min Scan# 756
Delta R.T. 0.005 min
Lab File: VD069421.D
Acq: 14 Jun 2021 12:34



Tgt Ion: 45 Resp: 201298

Ion	Ratio	Lower	Upper
45	100		
43	52.9	38.7	58.1
87	32.2	25.6	38.4
59	13.0	9.2	13.8





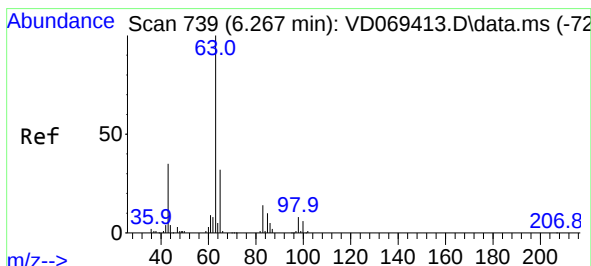
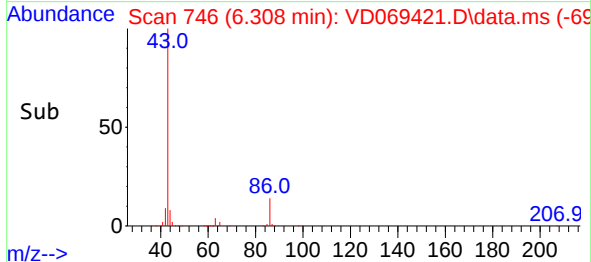
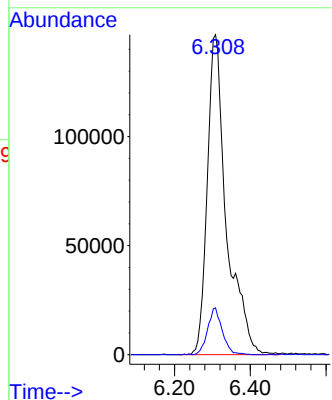
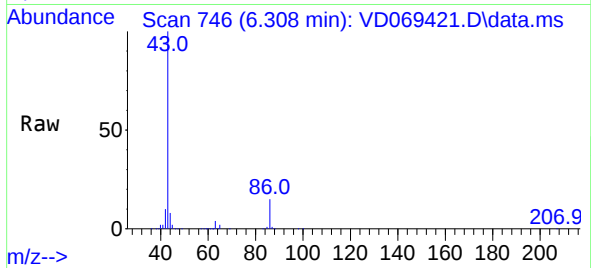
#23
 Vinyl Acetate
 Concen: 91.770 ug/l
 RT: 6.308 min Scan# 746
 Delta R.T. -0.001 min
 Lab File: VD069421.D
 Acq: 14 Jun 2021 12:34

Tgt Ion: 43 Resp: 515711
 Ion Ratio Lower Upper
 43 100
 86 14.6 10.5 15.7

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0614SBSD01

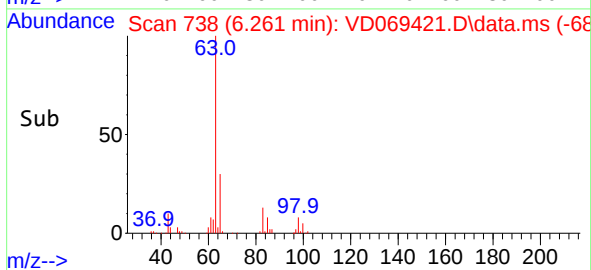
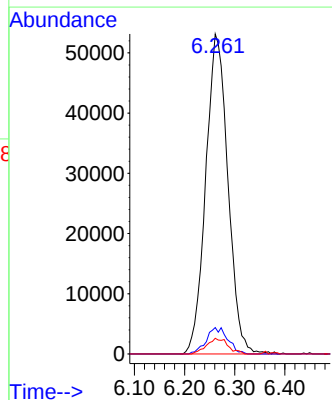
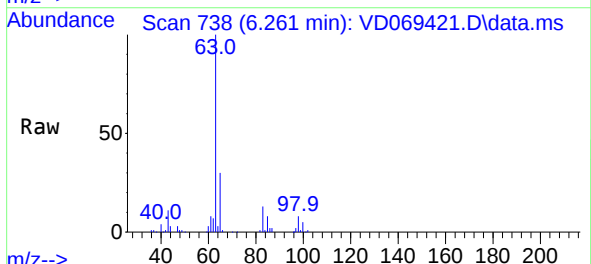
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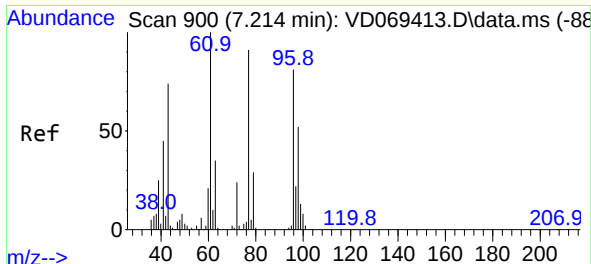
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#24
 1,1-Dichloroethane
 Concen: 19.545 ug/l
 RT: 6.261 min Scan# 738
 Delta R.T. -0.006 min
 Lab File: VD069421.D
 Acq: 14 Jun 2021 12:34

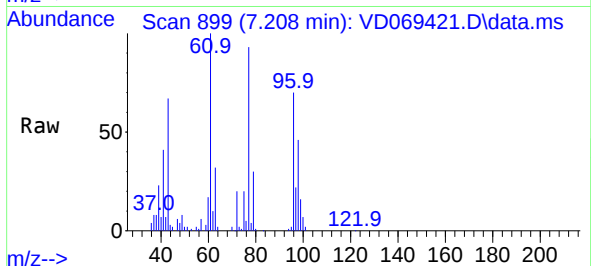
Tgt Ion: 63 Resp: 163514
 Ion Ratio Lower Upper
 63 100
 98 8.3 3.8 11.4
 100 4.9 2.6 7.8





#25
2-Butanone
Concen: 97.841 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD069421.D
Acq: 14 Jun 2021 12:34

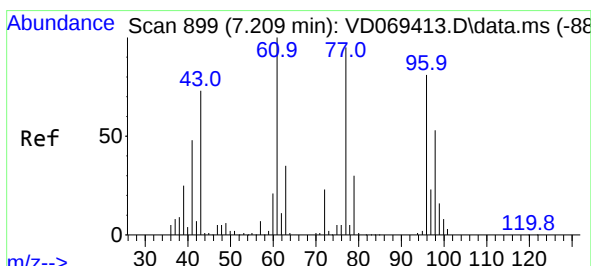
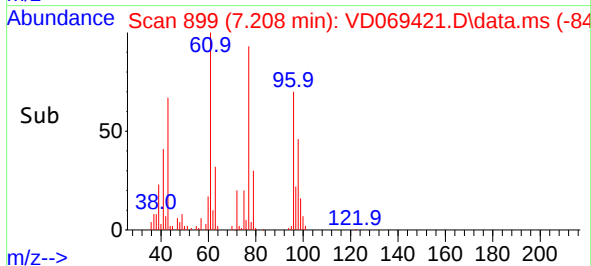
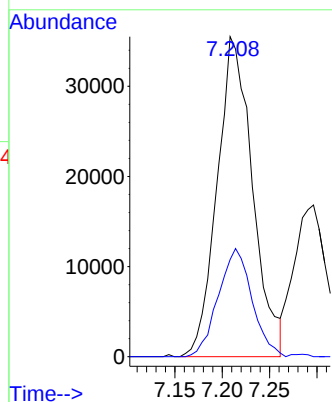
Instrument :
MSVOA_D
ClientSampleId :
VD0614SBSD01



Tgt Ion: 43 Resp: 92312
Ion Ratio Lower Upper
43 100
72 30.3 23.9 35.9

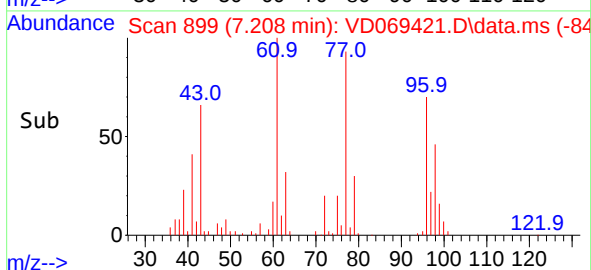
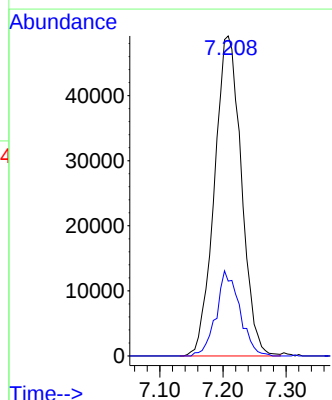
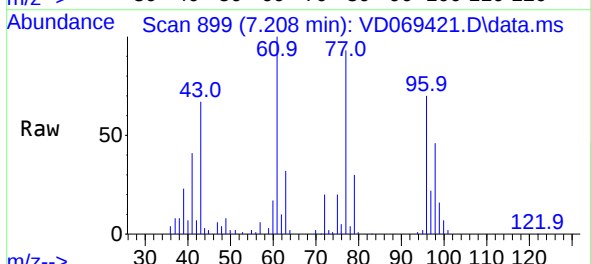
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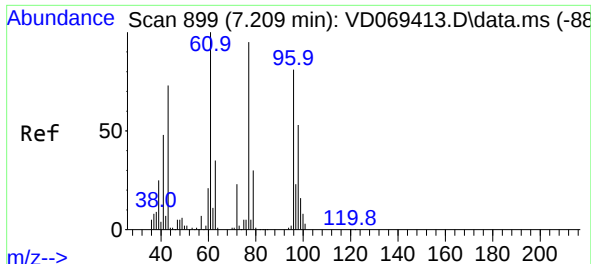
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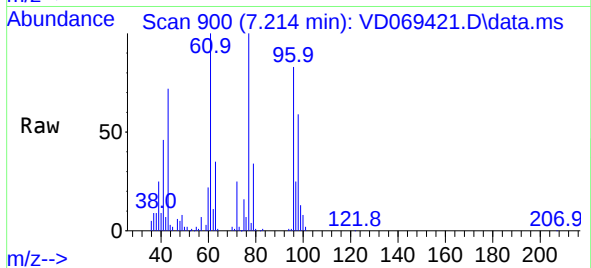
#26
2,2-Dichloropropane
Concen: 19.774 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.001 min
Lab File: VD069421.D
Acq: 14 Jun 2021 12:34

Tgt Ion: 77 Resp: 145753
Ion Ratio Lower Upper
77 100
97 23.2 12.1 36.3

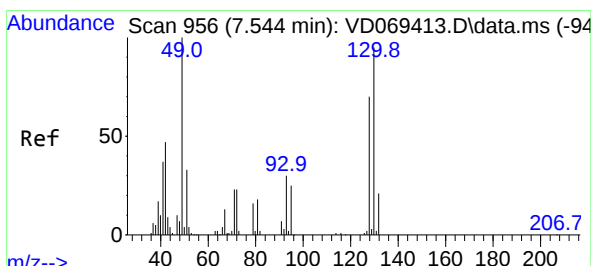
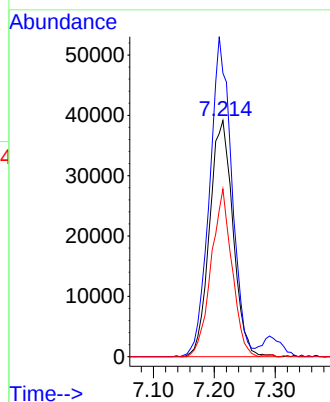
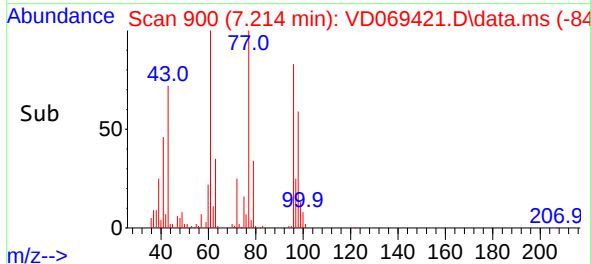




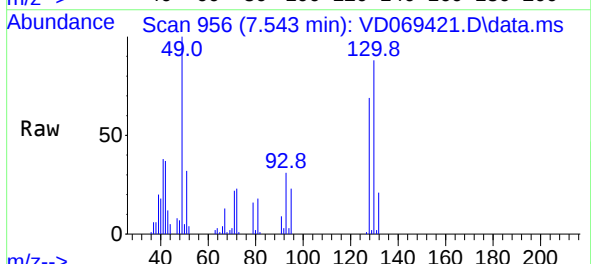
#27
cis-1,2-Dichloroethene
Concen: 19.179 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.005 min
Lab File: VD069421.D
Acq: 14 Jun 2021 12:34



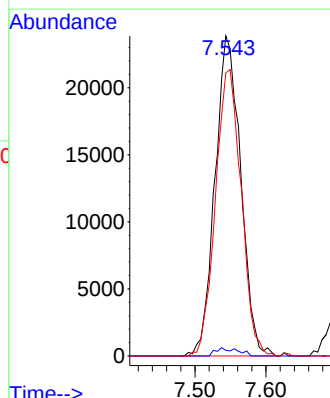
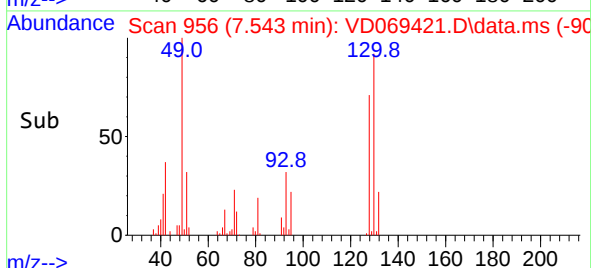
Tgt Ion: 96 Resp: 104451
Ion Ratio Lower Upper
96 100
61 129.0 0.0 265.6
98 63.4 0.0 129.0



#28
Bromochloromethane
Concen: 19.519 ug/l
RT: 7.543 min Scan# 956
Delta R.T. -0.001 min
Lab File: VD069421.D
Acq: 14 Jun 2021 12:34



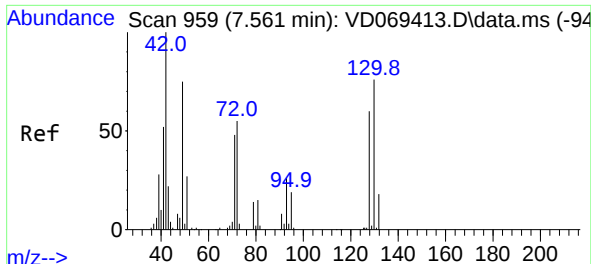
Tgt Ion: 49 Resp: 59820
Ion Ratio Lower Upper
49 100
129 2.2 0.0 4.6
130 89.8 72.0 108.0



Instrument :
MSVOA_D
ClientSampleId :
VD0614SBSD01

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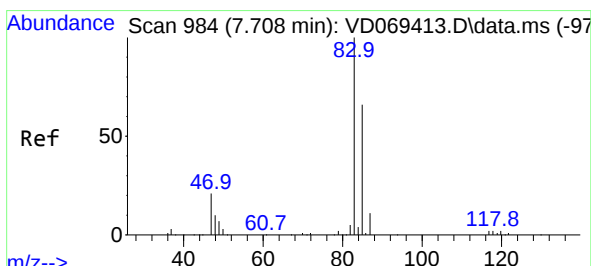
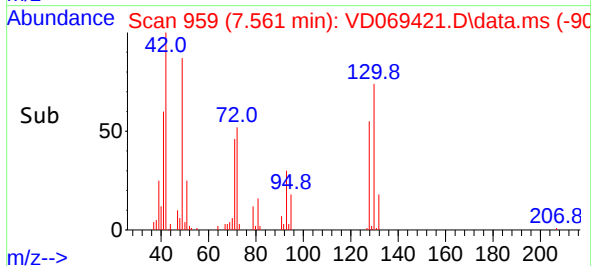
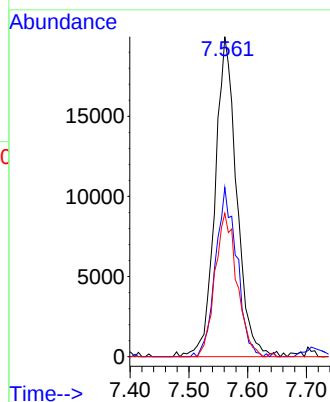
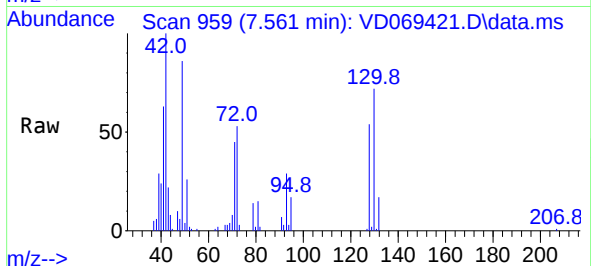
#29
Tetrahydrofuran
Concen: 95.946 ug/l
RT: 7.561 min Scan# 959
Delta R.T. 0.000 min
Lab File: VD069421.D
Acq: 14 Jun 2021 12:34

Tgt Ion:	42	Resp:	50943
Ion	Ratio	Lower	Upper
42	100		
72	52.1	41.0	61.6
71	45.7	38.9	58.3

Instrument :
MSVOA_D
ClientSampleId :
VD0614SBS01

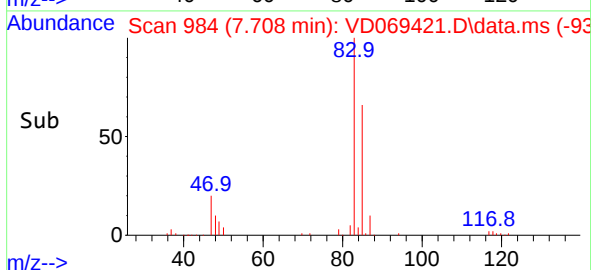
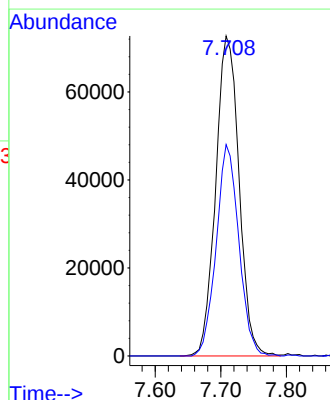
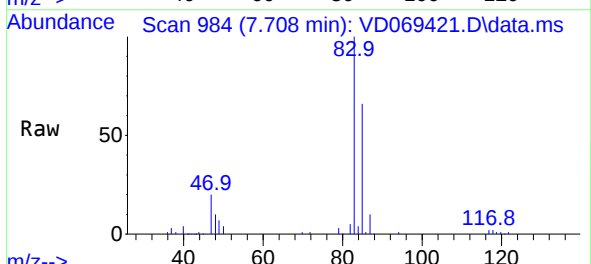
Manual Integrations
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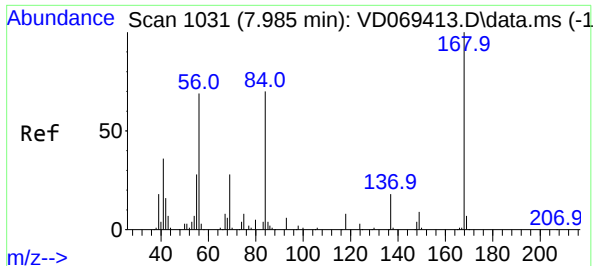
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#30
Chloroform
Concen: 19.266 ug/l
RT: 7.708 min Scan# 984
Delta R.T. 0.000 min
Lab File: VD069421.D
Acq: 14 Jun 2021 12:34

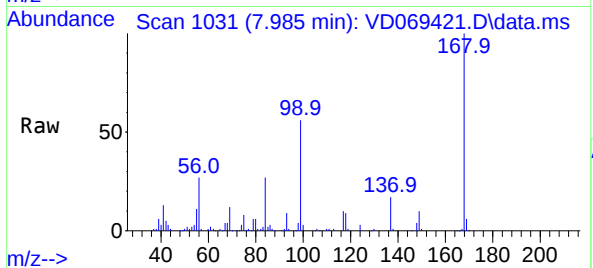
Tgt Ion:	83	Resp:	179582
Ion	Ratio	Lower	Upper
83	100		
85	66.0	52.6	78.8





#31
Cyclohexane
Concen: 18.381 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD069421.D
Acq: 14 Jun 2021 12:34

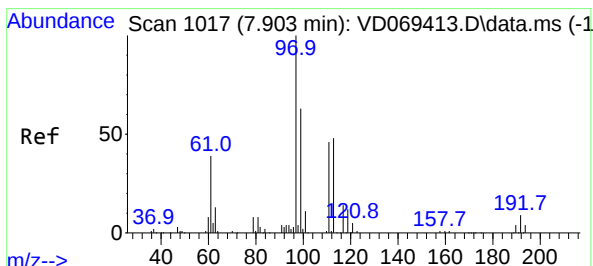
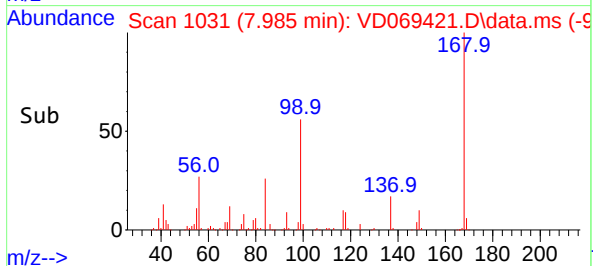
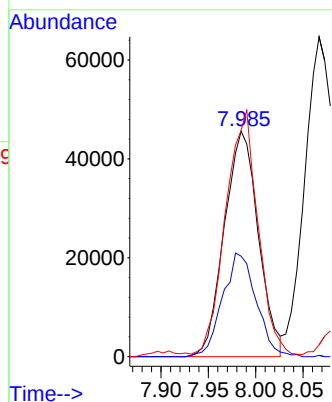
Instrument :
MSVOA_D
ClientSampleId :
VD0614SBSD01



Tgt Ion: 56 Resp: 114179
Ion Ratio Lower Upper
56 100
69 44.6 29.0 43.4#
84 99.1 81.1 121.7

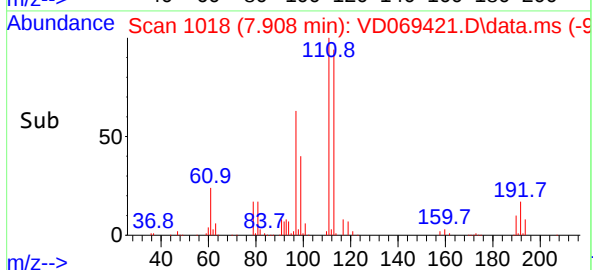
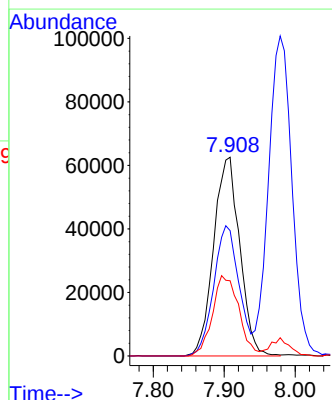
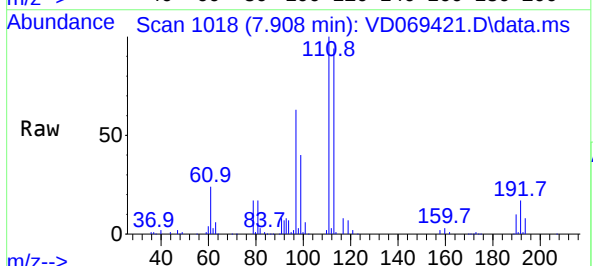
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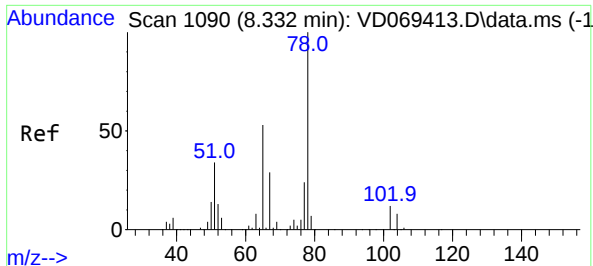
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#32
1,1,1-Trichloroethane
Concen: 19.526 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. 0.005 min
Lab File: VD069421.D
Acq: 14 Jun 2021 12:34

Tgt Ion: 97 Resp: 159887
Ion Ratio Lower Upper
97 100
99 63.3 51.9 77.9
61 40.6 31.8 47.6





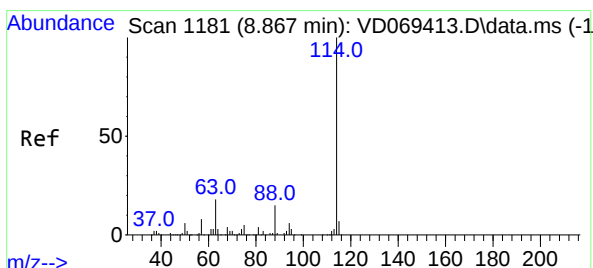
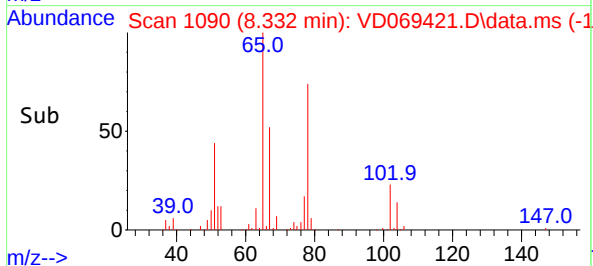
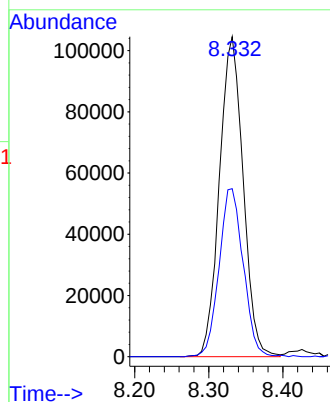
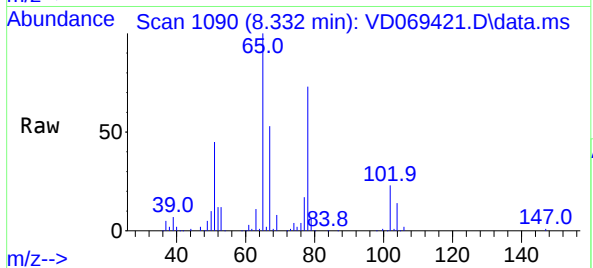
#33
1,2-Dichloroethane-d4
Concen: 50.763 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD069421.D
Acq: 14 Jun 2021 12:34

Tgt Ion: 65 Resp: 232051
Ion Ratio Lower Upper
65 100
67 53.5 0.0 105.8

Instrument :
MSVOA_D
ClientSampleId :
VD0614SBSD01

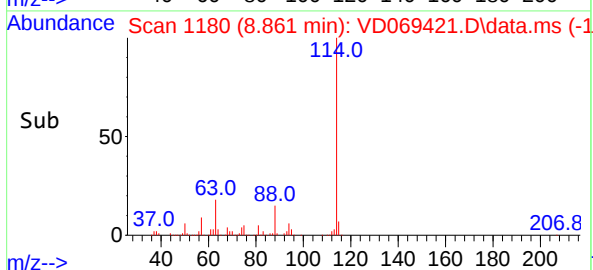
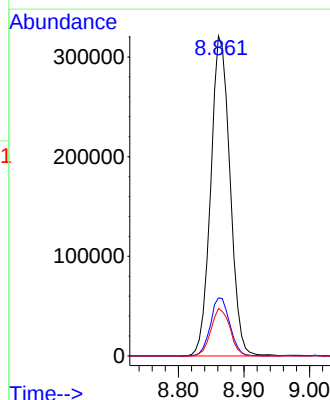
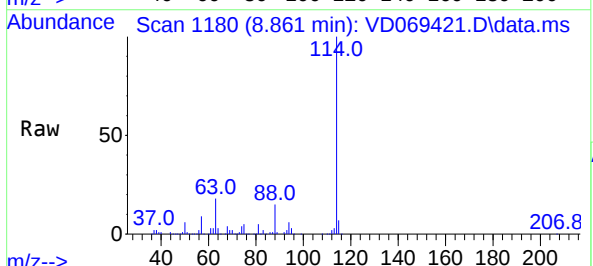
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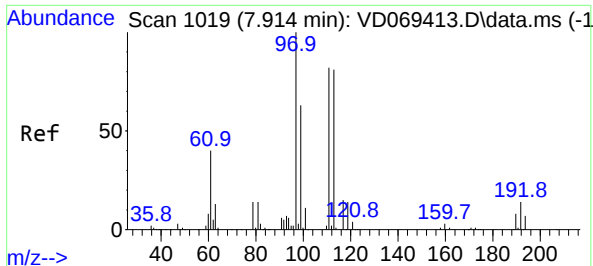
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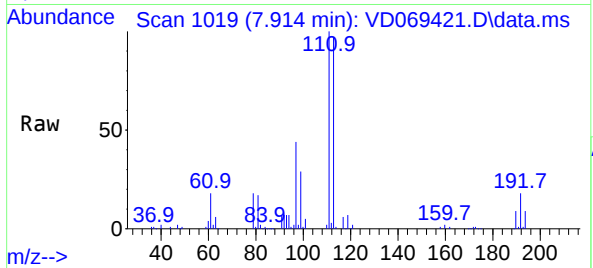
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD069421.D
Acq: 14 Jun 2021 12:34

Tgt Ion: 114 Resp: 655483
Ion Ratio Lower Upper
114 100
63 18.1 0.0 35.6
88 14.9 0.0 31.2

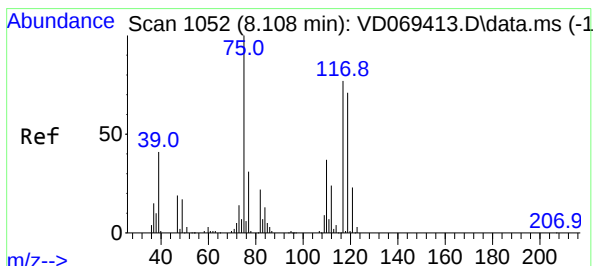
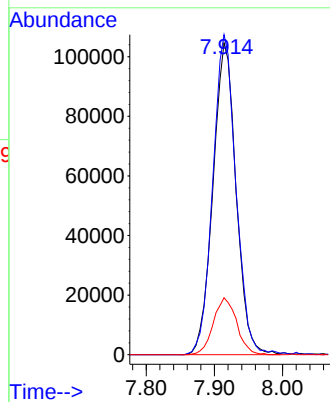
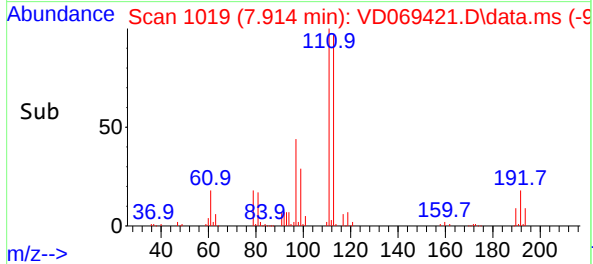




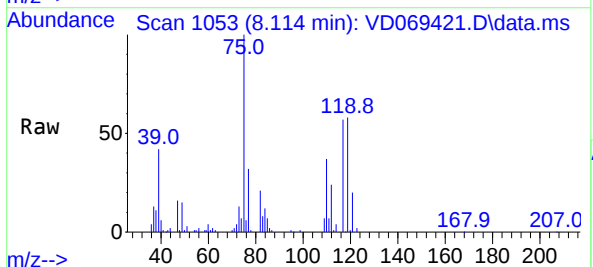
#35
Dibromofluoromethane
Concen: 50.252 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD069421.D
Acq: 14 Jun 2021 12:34



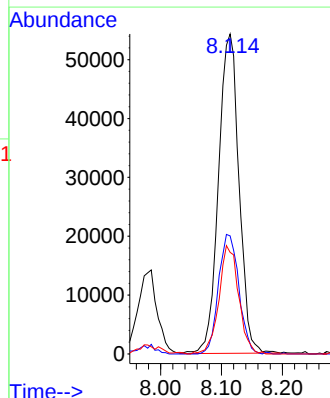
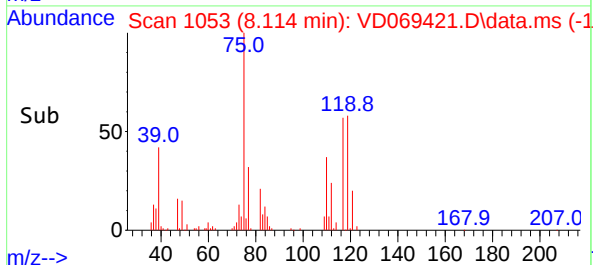
Tgt Ion:113 Resp: 246717
Ion Ratio Lower Upper
113 100
111 102.8 83.0 124.6
192 18.4 15.1 22.7



#36
1,1-Dichloropropene
Concen: 18.607 ug/l
RT: 8.114 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VD069421.D
Acq: 14 Jun 2021 12:34



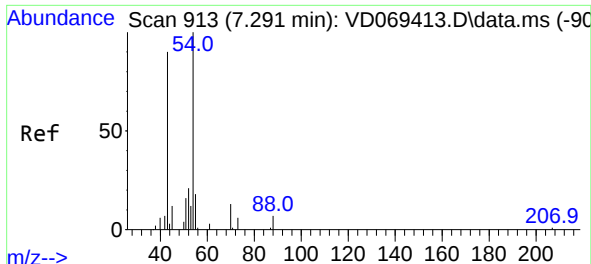
Tgt Ion: 75 Resp: 127001
Ion Ratio Lower Upper
75 100
110 37.1 18.4 55.2
77 32.6 24.9 37.3



Instrument :
MSVOA_D
ClientSampleId :
VD0614SBSD01

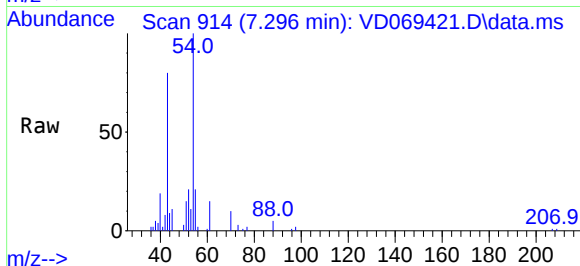
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#37
Ethyl Acetate
Concen: 19.078 ug/l
RT: 7.296 min Scan# 914
Delta R.T. 0.005 min
Lab File: VD069421.D
Acq: 14 Jun 2021 12:34

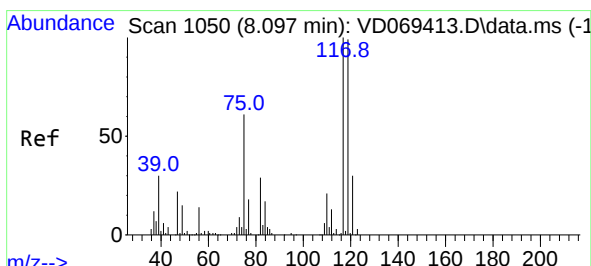
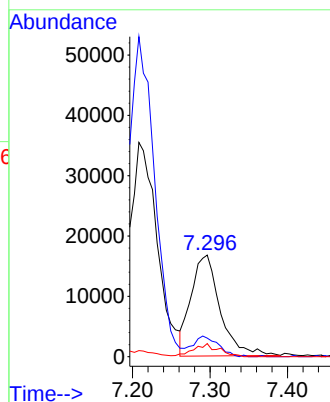
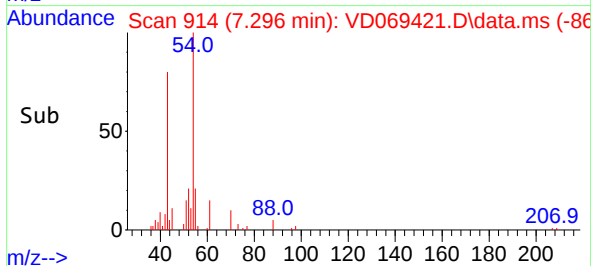
Instrument :
MSVOA_D
ClientSampleId :
VD0614SBSD01



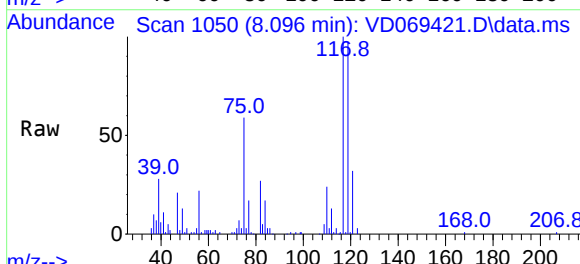
Tgt Ion: 43 Resp: 43565
Ion Ratio Lower Upper
43 100
61 17.4 11.0 16.6#
70 11.4 9.7 14.5

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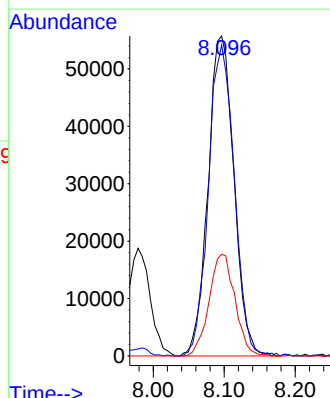
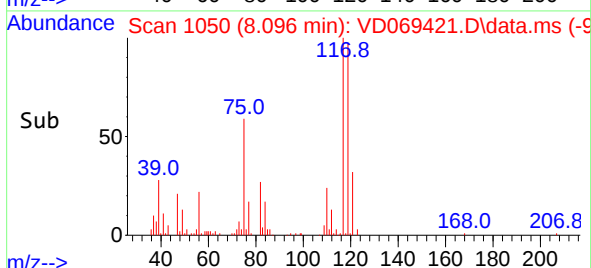
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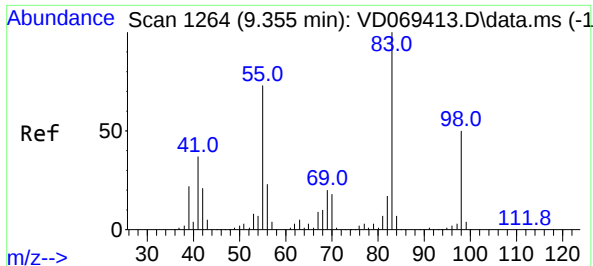


#38
Carbon Tetrachloride
Concen: 19.065 ug/l
RT: 8.096 min Scan# 1050
Delta R.T. -0.001 min
Lab File: VD069421.D
Acq: 14 Jun 2021 12:34



Tgt Ion: 117 Resp: 140960
Ion Ratio Lower Upper
117 100
119 97.2 79.4 119.2
121 31.8 26.1 39.1





#39

Methylcyclohexane

Concen: 17.930 ug/l

RT: 9.355 min Scan# 1264

Delta R.T. 0.000 min

Lab File: VD069421.D

Acq: 14 Jun 2021 12:34

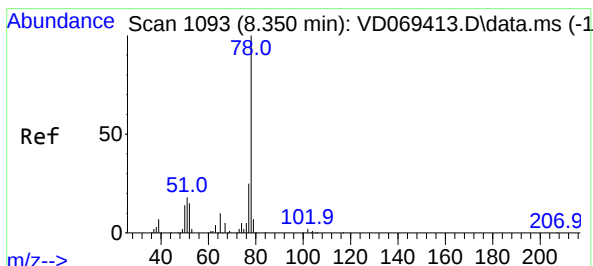
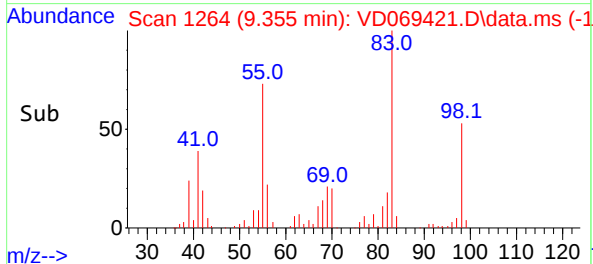
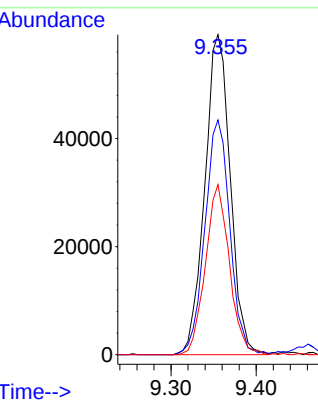
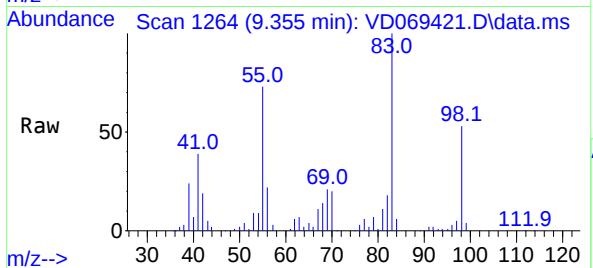
Tgt Ion: 83 Resp: 123095

Ion Ratio Lower Upper

83 100

55 73.4 57.4 86.2

98 53.2 42.2 63.2



#40

Benzene

Concen: 19.269 ug/l

RT: 8.349 min Scan# 1093

Delta R.T. -0.001 min

Lab File: VD069421.D

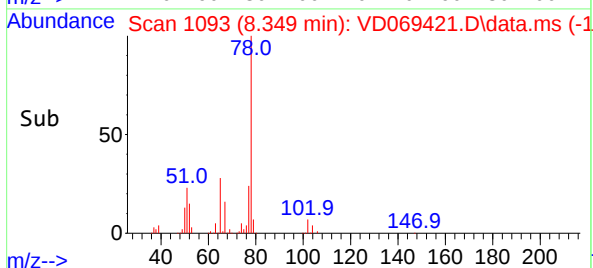
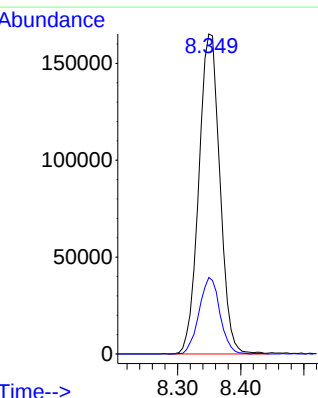
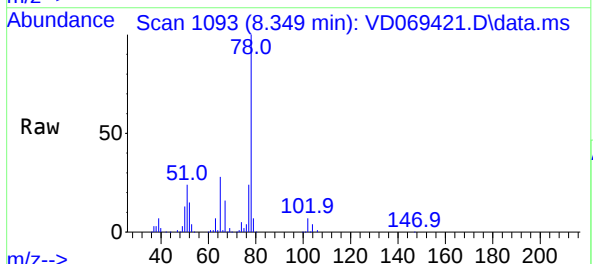
Acq: 14 Jun 2021 12:34

Tgt Ion: 78 Resp: 382798

Ion Ratio Lower Upper

78 100

77 23.9 18.7 28.1



Instrument :

MSVOA_D

ClientSampleId :

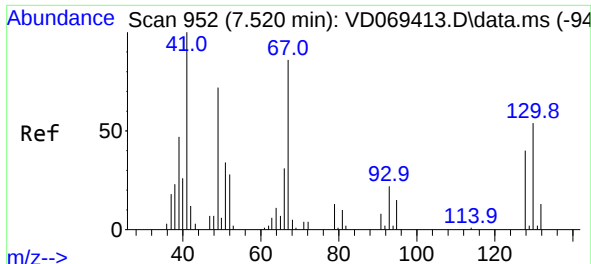
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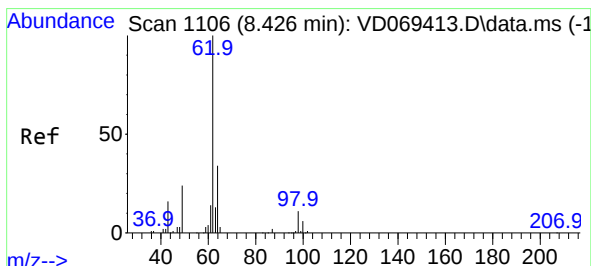
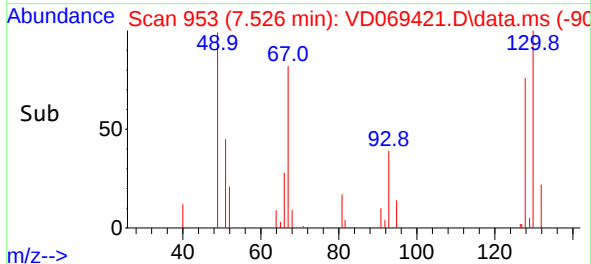
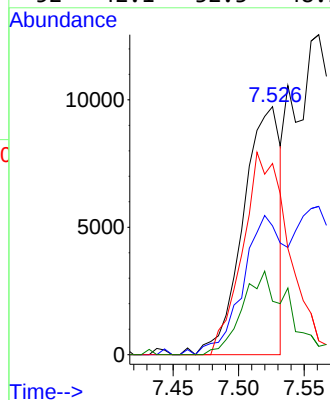
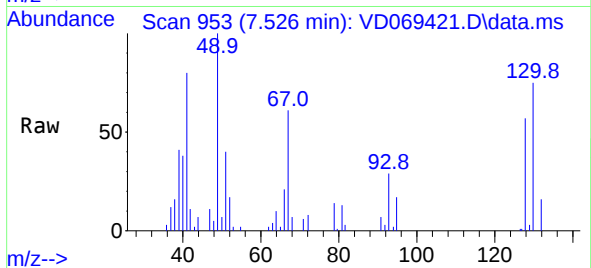
#41
Methacrylonitrile
Concen: 17.041 ug/l
RT: 7.526 min Scan# 953
Delta R.T. 0.006 min
Lab File: VD069421.D
Acq: 14 Jun 2021 12:34

Tgt Ion: 41 Resp: 19359
Ion Ratio Lower Upper
41 100
39 63.1 50.6 76.0
67 101.5 86.2 129.4
52 42.1 32.3 48.5

Instrument :
MSVOA_D
ClientSampleId :
VD0614SBSD01

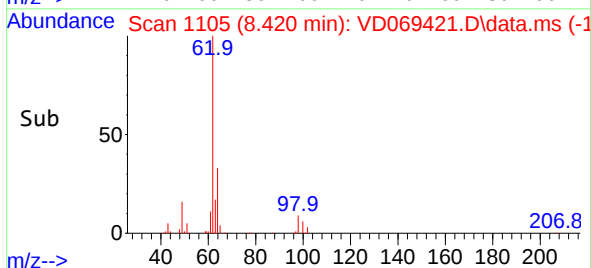
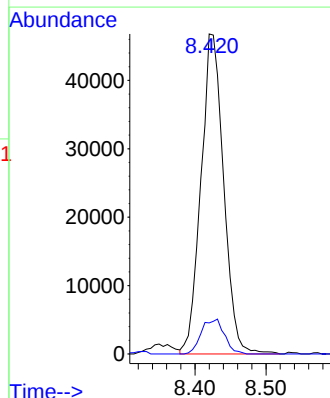
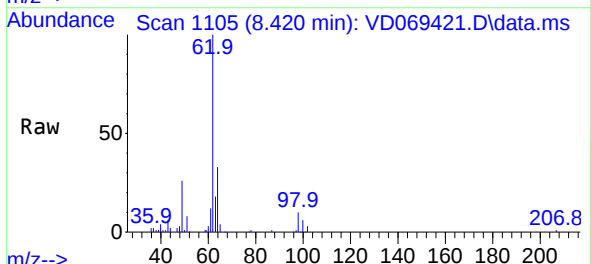
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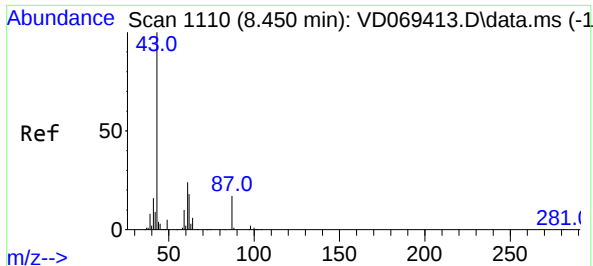
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#42
1,2-Dichloroethane
Concen: 19.098 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VD069421.D
Acq: 14 Jun 2021 12:34

Tgt Ion: 62 Resp: 104103
Ion Ratio Lower Upper
62 100
98 11.0 0.0 21.4





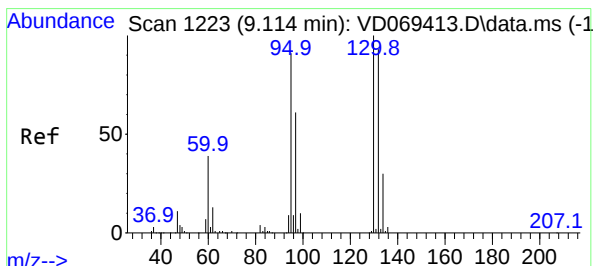
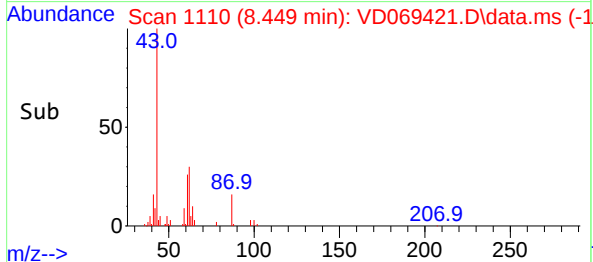
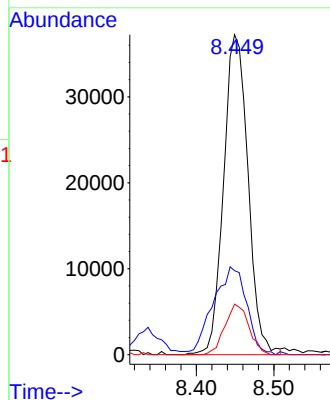
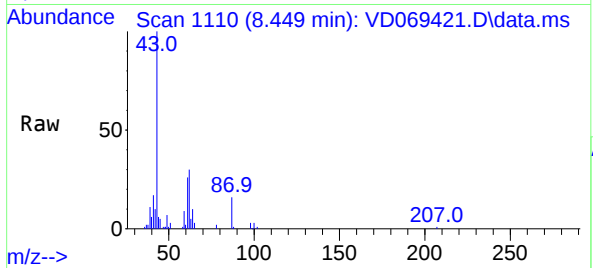
#43
Isopropyl Acetate
Concen: 18.916 ug/l
RT: 8.449 min Scan# 1110
Delta R.T. -0.001 min
Lab File: VD069421.D
Acq: 14 Jun 2021 12:34

Tgt Ion: 43 Resp: 81677
Ion Ratio Lower Upper
43 100
61 37.4 29.0 43.6
87 15.6 12.7 19.1

Instrument :
MSVOA_D
ClientSampleId :
VD0614SBSD01

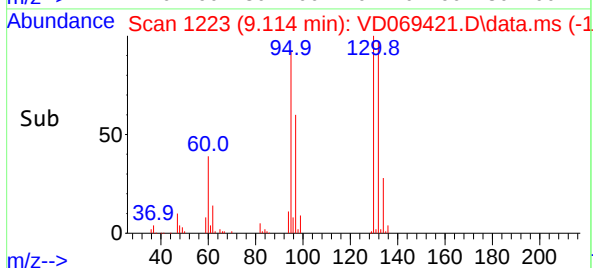
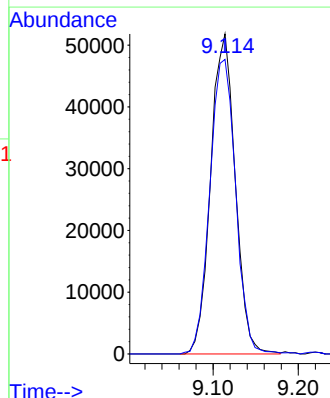
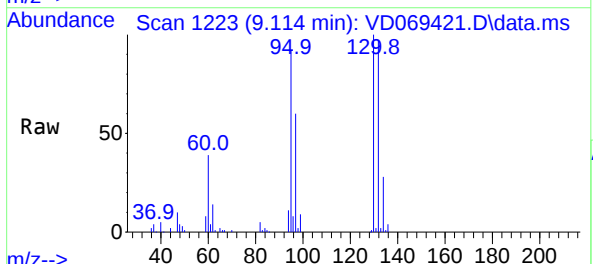
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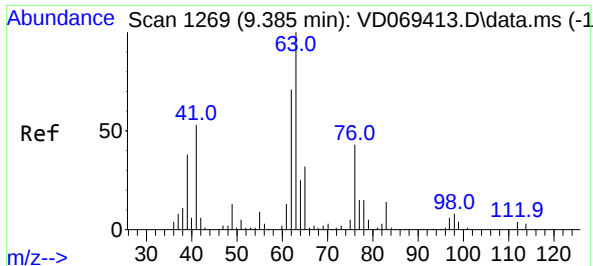
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#44
Trichloroethene
Concen: 18.743 ug/l
RT: 9.114 min Scan# 1223
Delta R.T. -0.000 min
Lab File: VD069421.D
Acq: 14 Jun 2021 12:34

Tgt Ion:130 Resp: 103838
Ion Ratio Lower Upper
130 100
95 92.1 0.0 198.8





#45

1,2-Dichloropropane

Concen: 19.195 ug/l

RT: 9.385 min Scan# 1269

Delta R.T. -0.000 min

Lab File: VD069421.D

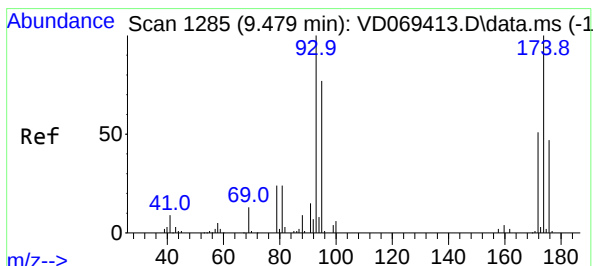
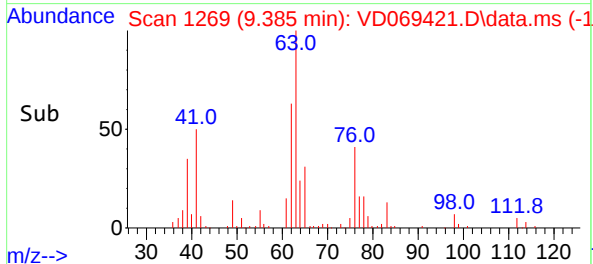
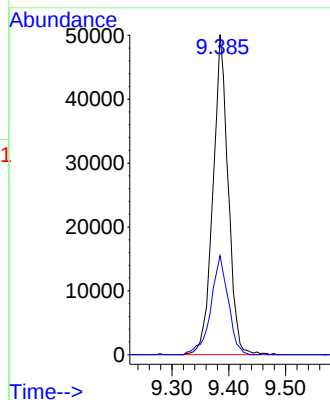
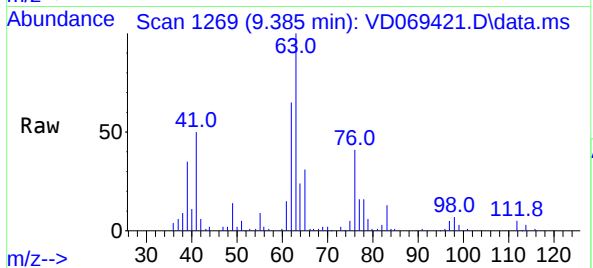
Acq: 14 Jun 2021 12:34

Tgt Ion: 63 Resp: 93085

Ion Ratio Lower Upper

63 100

65 31.0 25.3 37.9



#46

Dibromomethane

Concen: 19.540 ug/l

RT: 9.473 min Scan# 1284

Delta R.T. -0.006 min

Lab File: VD069421.D

Acq: 14 Jun 2021 12:34

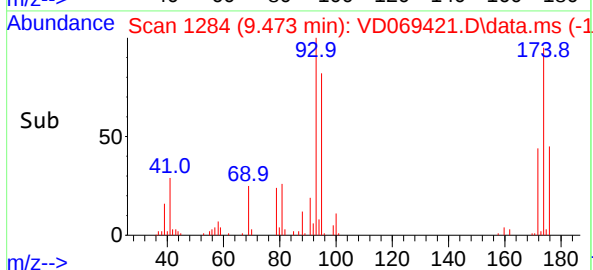
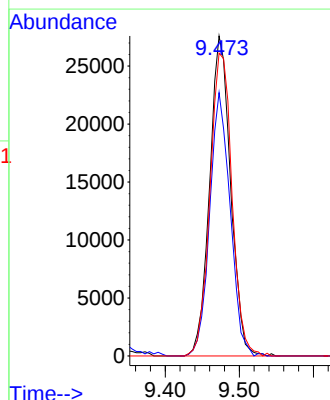
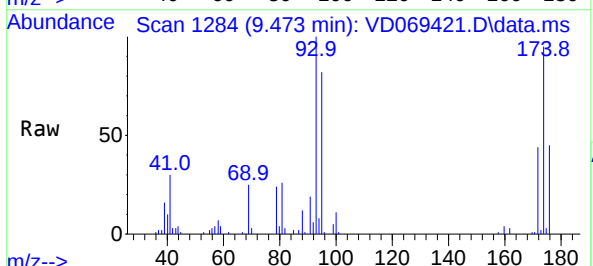
Tgt Ion: 93 Resp: 54295

Ion Ratio Lower Upper

93 100

95 80.4 63.4 95.2

174 99.1 74.5 111.7



Instrument :

MSVOA_D

ClientSampleId :

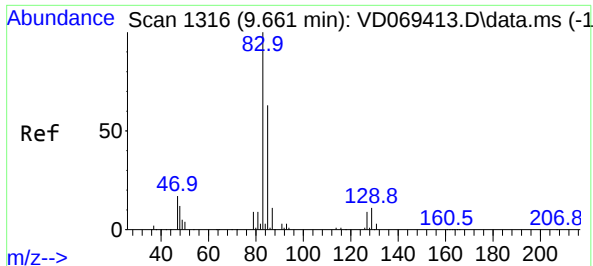
VD0614SBSD01

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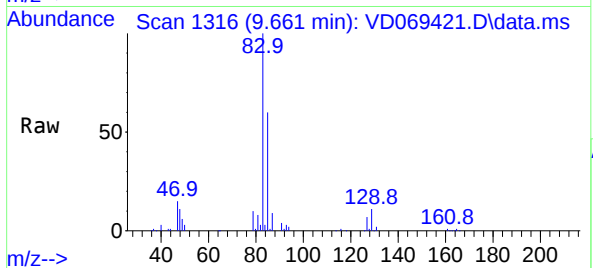
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#47
Bromodichloromethane
Concen: 18.917 ug/l
RT: 9.661 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VD069421.D
Acq: 14 Jun 2021 12:34

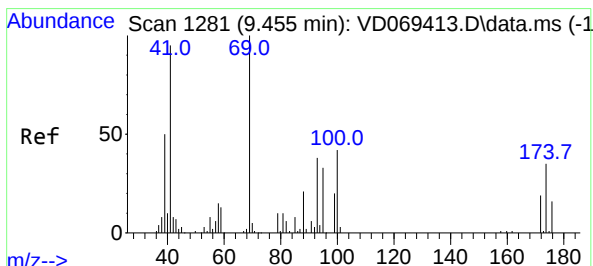
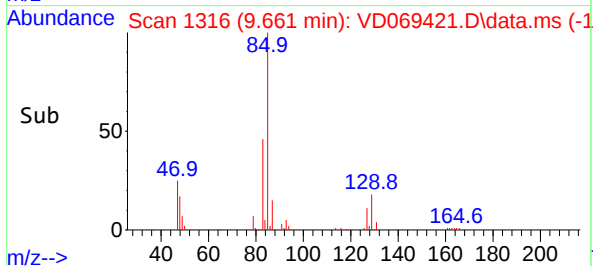
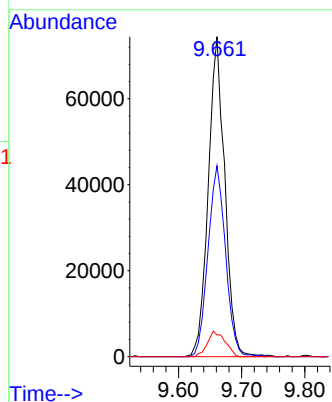
Instrument :
MSVOA_D
ClientSampleId :
VD0614SBSD01



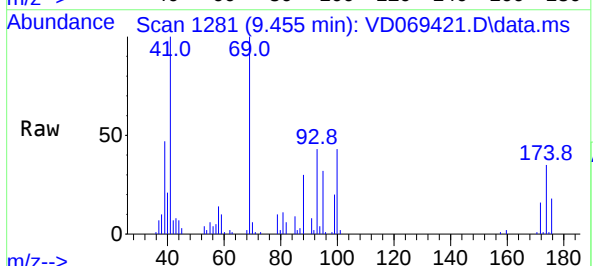
Tgt Ion: 83 Resp: 135517
Ion Ratio Lower Upper
83 100
85 59.6 48.2 72.2
127 6.8 7.1 10.7#

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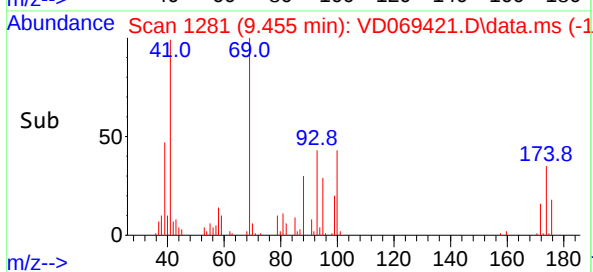
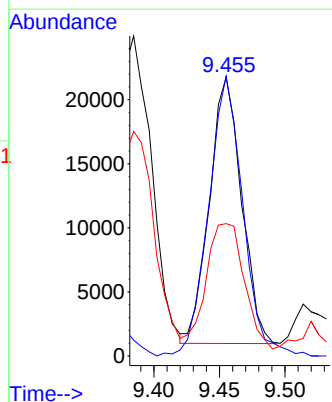
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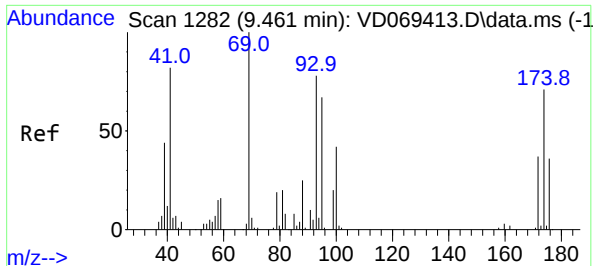


#48
Methyl methacrylate
Concen: 18.001 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. 0.000 min
Lab File: VD069421.D
Acq: 14 Jun 2021 12:34

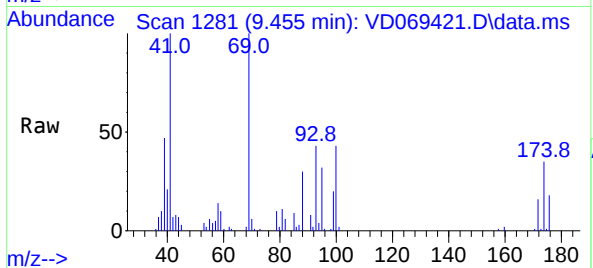


Tgt Ion: 41 Resp: 35347
Ion Ratio Lower Upper
41 100
69 112.9 77.6 116.4
39 55.9 45.3 67.9

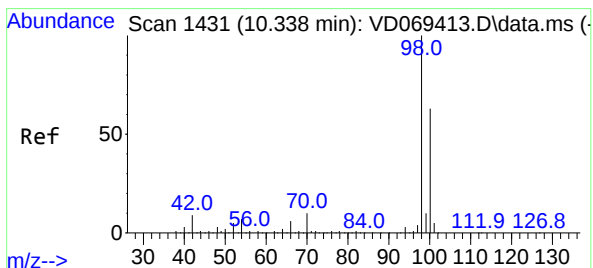
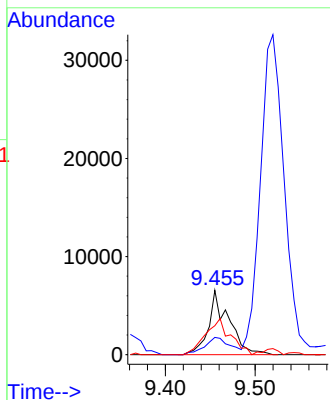
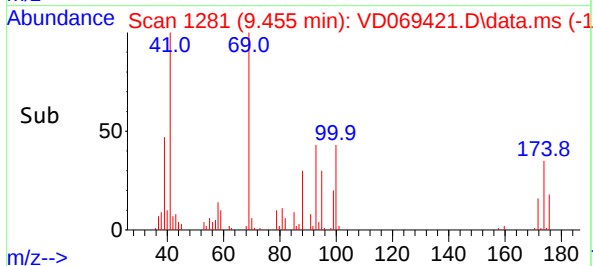




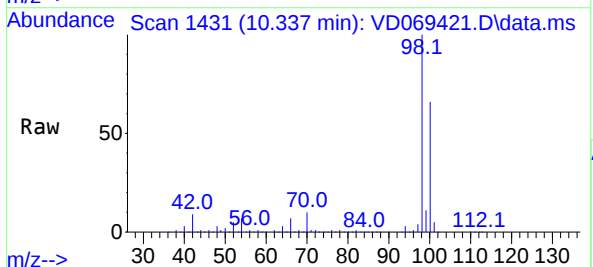
#49
1,4-Dioxane
Concen: 384.382 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. -0.006 min
Lab File: VD069421.D
Acq: 14 Jun 2021 12:34



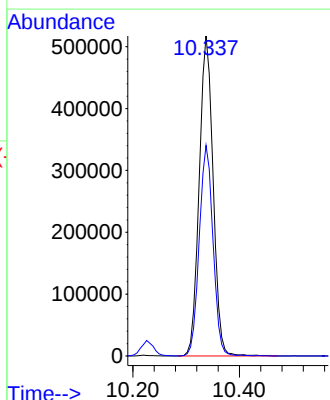
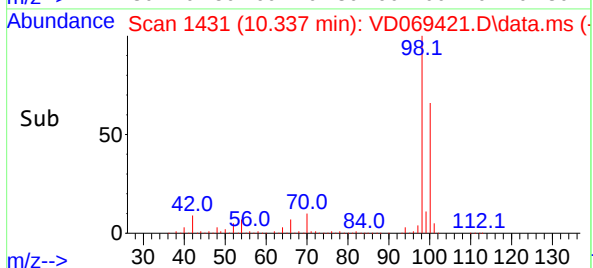
Tgt Ion: 88 Resp: 10401
Ion Ratio Lower Upper
88 100
43 33.5 25.4 38.2
58 68.3 50.2 75.4



#50
Toluene-d8
Concen: 52.156 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. -0.001 min
Lab File: VD069421.D
Acq: 14 Jun 2021 12:34



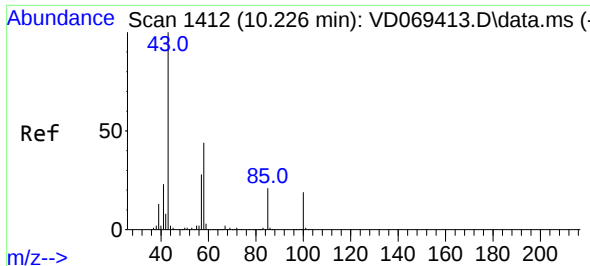
Tgt Ion: 98 Resp: 936546
Ion Ratio Lower Upper
98 100
100 65.1 52.1 78.1



Instrument :
MSVOA_D
ClientSampleId :
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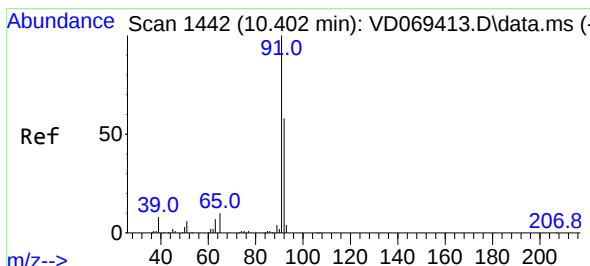
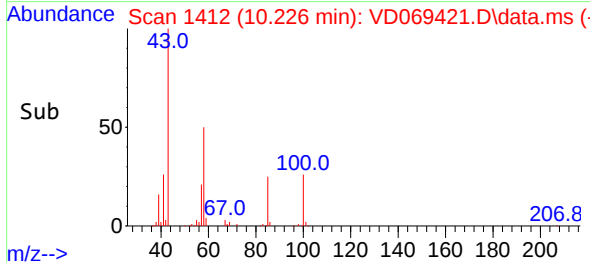
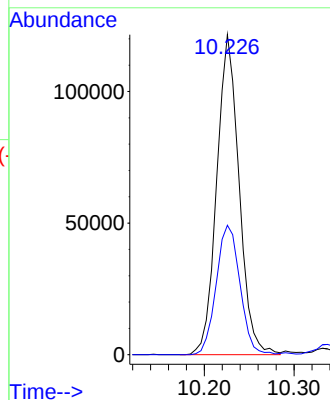
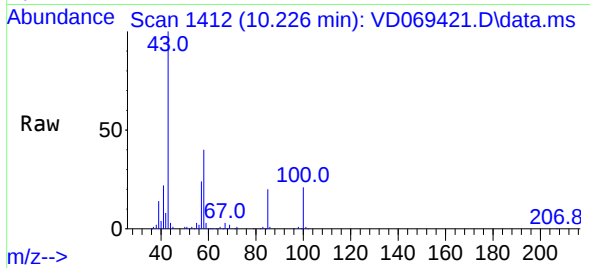
#51
4-Methyl-2-Pentanone
Concen: 95.408 ug/l
RT: 10.226 min Scan# 1412
Delta R.T. -0.000 min
Lab File: VD069421.D
Acq: 14 Jun 2021 12:34

Tgt Ion: 43 Resp: 210183
Ion Ratio Lower Upper
43 100
58 42.9 35.1 52.7

Instrument :
MSVOA_D
ClientSampleId :
VD0614SBSD01

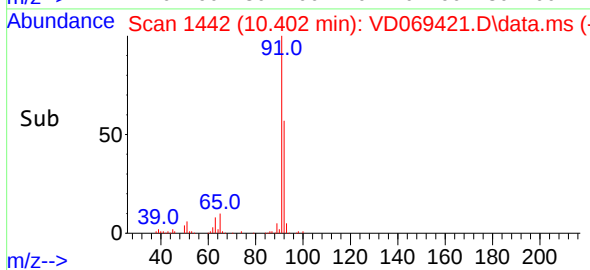
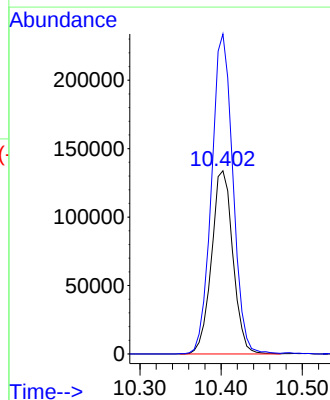
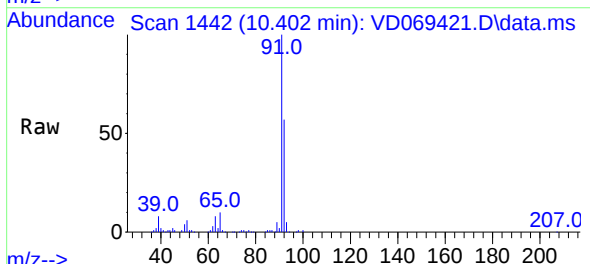
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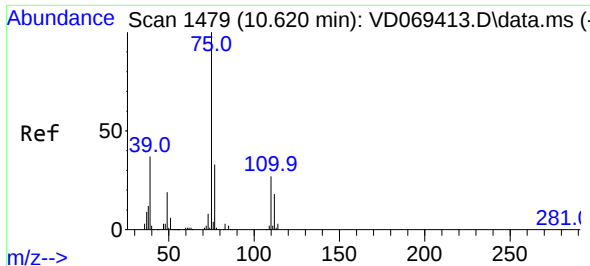
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#52
Toluene
Concen: 19.400 ug/l
RT: 10.402 min Scan# 1442
Delta R.T. 0.000 min
Lab File: VD069421.D
Acq: 14 Jun 2021 12:34

Tgt Ion: 92 Resp: 244708
Ion Ratio Lower Upper
92 100
91 174.6 138.4 207.6





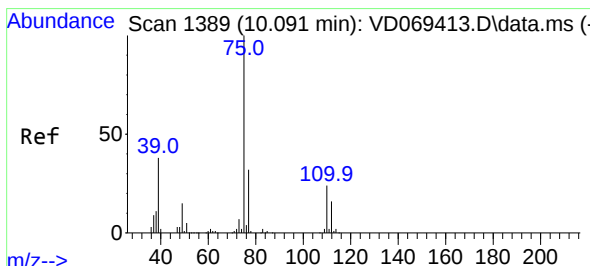
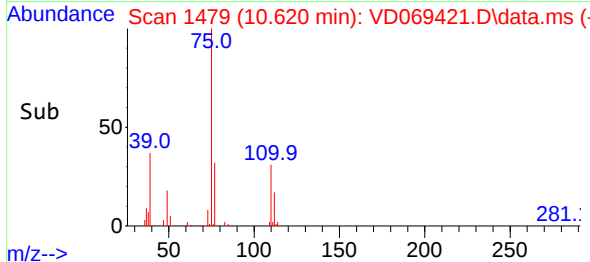
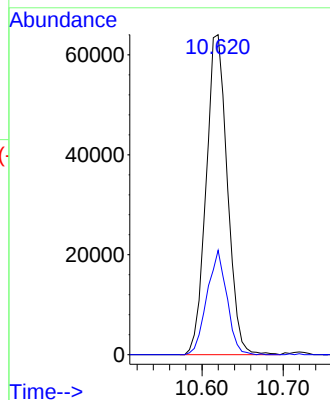
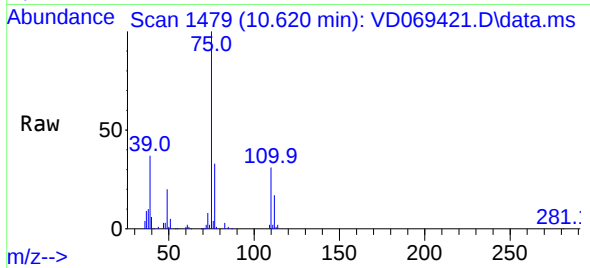
#53
t-1,3-Dichloropropene
Concen: 18.941 ug/l
RT: 10.620 min Scan# 1479
Delta R.T. -0.000 min
Lab File: VD069421.D
Acq: 14 Jun 2021 12:34

Tgt Ion: 75 Resp: 116225
Ion Ratio Lower Upper
75 100
77 32.6 25.1 37.7

Instrument :
MSVOA_D
ClientSampleId :
VD0614SBSD01

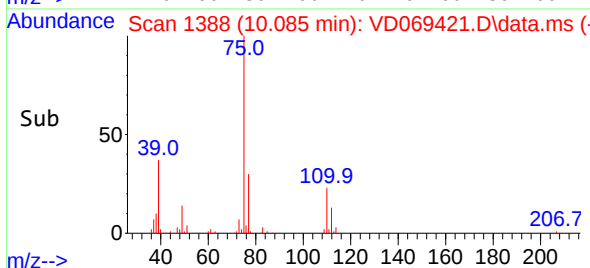
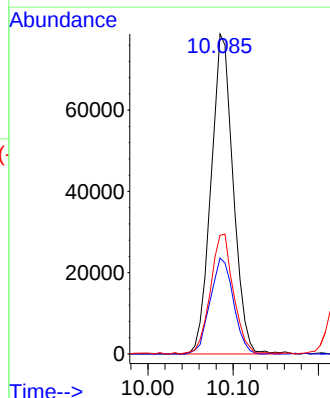
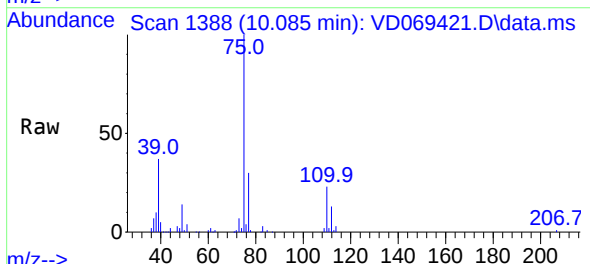
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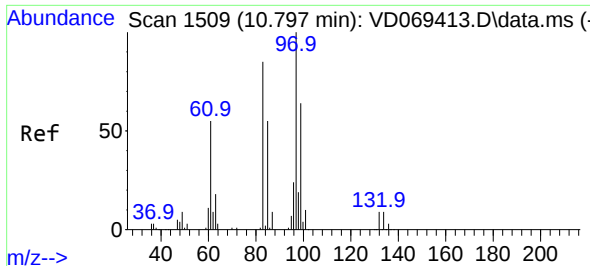
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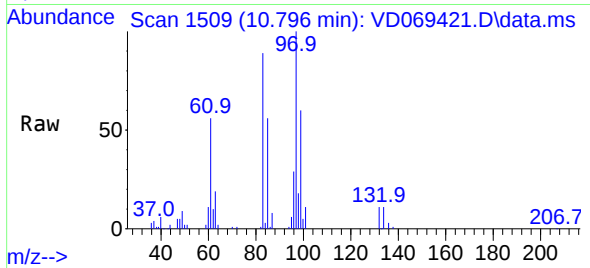
#54
cis-1,3-Dichloropropene
Concen: 19.257 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. -0.006 min
Lab File: VD069421.D
Acq: 14 Jun 2021 12:34

Tgt Ion: 75 Resp: 142045
Ion Ratio Lower Upper
75 100
77 30.0 26.2 39.2
39 37.1 29.7 44.5

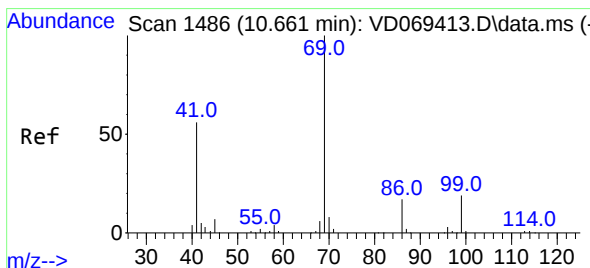
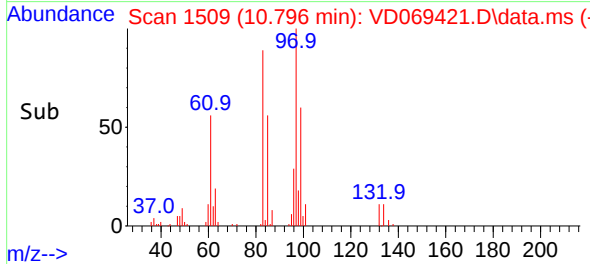
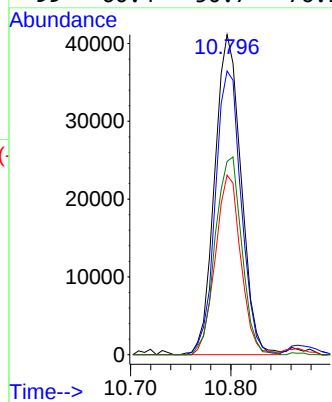




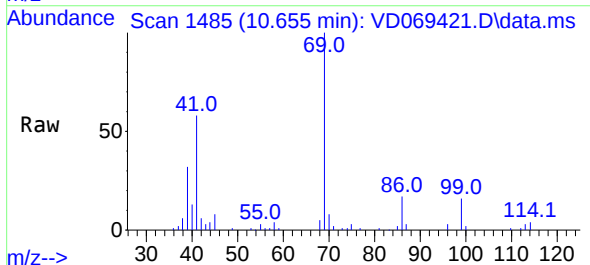
#55
1,1,2-Trichloroethane
Concen: 19.622 ug/l
RT: 10.796 min Scan# 1509
Delta R.T. -0.001 min
Lab File: VD069421.D
Acq: 14 Jun 2021 12:34



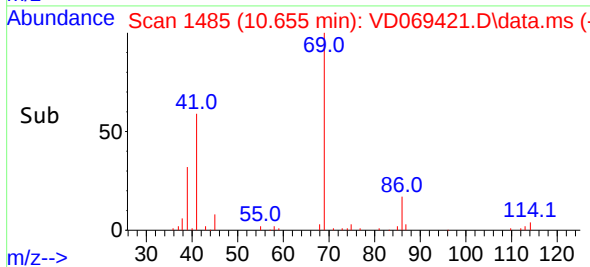
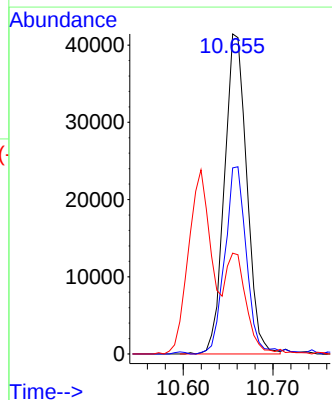
Tgt Ion:	97	Resp:	75364
Ion	Ratio	Lower	Upper
97	100		
83	88.7	69.4	104.0
85	56.1	44.5	66.7
99	60.4	50.7	76.1



#56
Ethyl methacrylate
Concen: 18.224 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. -0.006 min
Lab File: VD069421.D
Acq: 14 Jun 2021 12:34



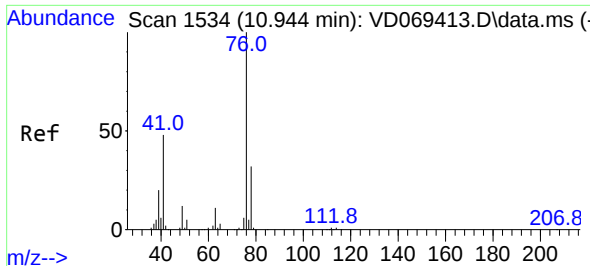
Tgt Ion:	69	Resp:	71589
Ion	Ratio	Lower	Upper
69	100		
41	57.4	45.4	68.2
39	28.4	21.7	32.5



Instrument :
MSVOA_D
ClientSampleId :
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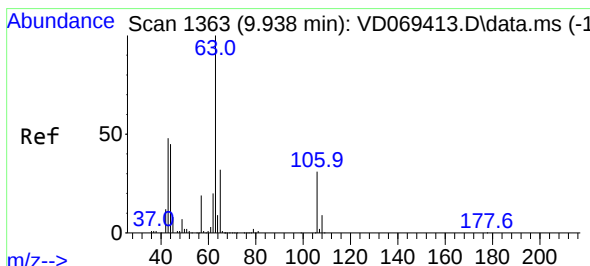
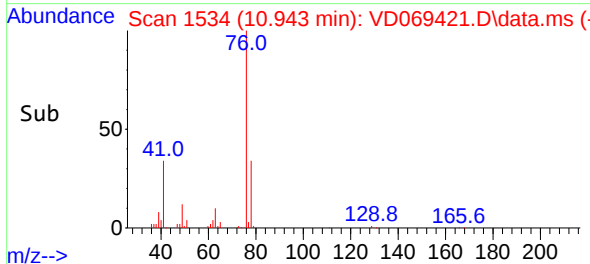
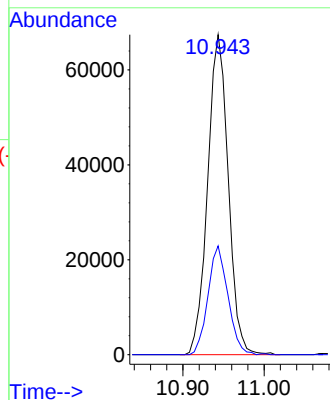
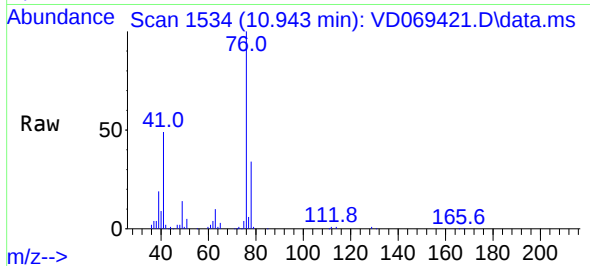
#57
1,3-Dichloropropane
Concen: 19.020 ug/l
RT: 10.943 min Scan# 1534
Delta R.T. -0.001 min
Lab File: VD069421.D
Acq: 14 Jun 2021 12:34

Tgt Ion: 76 Resp: 118919
Ion Ratio Lower Upper
76 100
78 33.0 26.2 39.2

Instrument :
MSVOA_D
ClientSampleId :
VD0614SBSD01

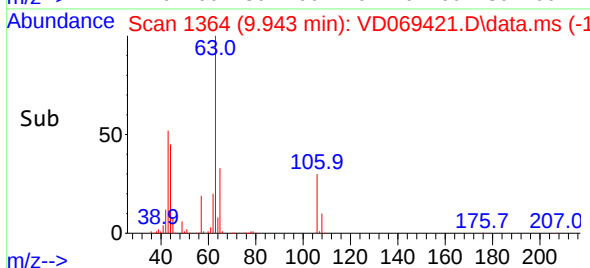
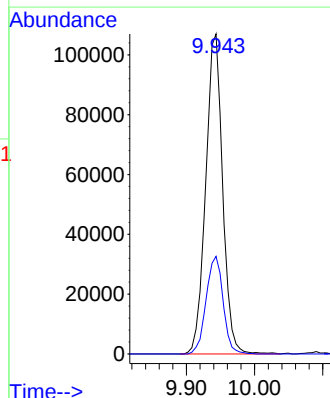
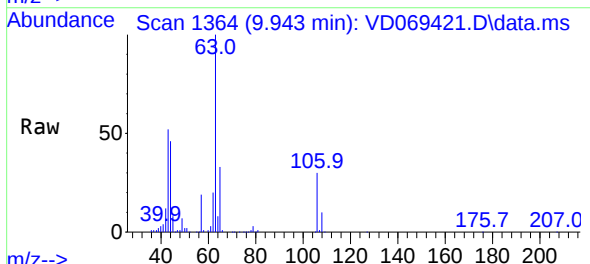
Manual Integrations
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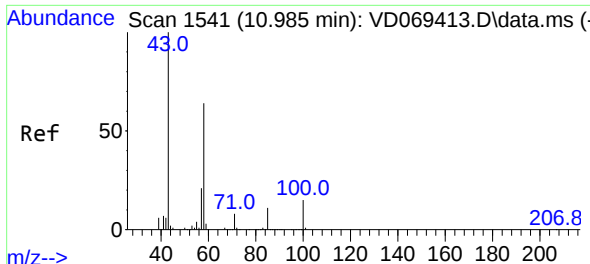
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#58
2-Chloroethyl Vinyl ether
Concen: 91.627 ug/l
RT: 9.943 min Scan# 1364
Delta R.T. 0.005 min
Lab File: VD069421.D
Acq: 14 Jun 2021 12:34

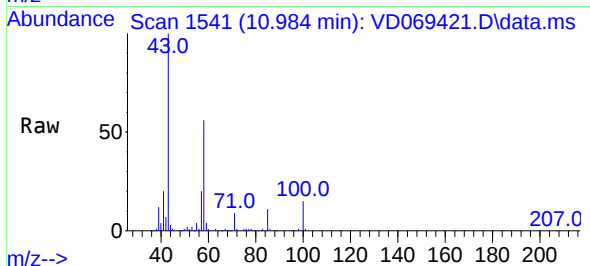
Tgt Ion: 63 Resp: 184785
Ion Ratio Lower Upper
63 100
106 30.6 24.8 37.2





#59
2-Hexanone
Concen: 98.605 ug/l
RT: 10.984 min Scan# 1541
Delta R.T. -0.001 min
Lab File: VD069421.D
Acq: 14 Jun 2021 12:34

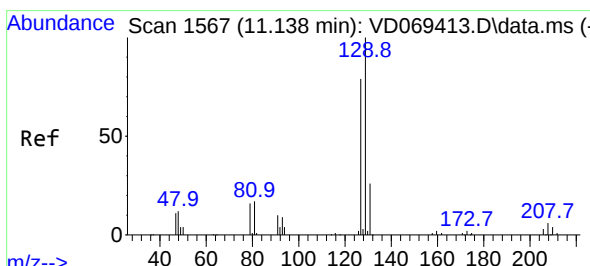
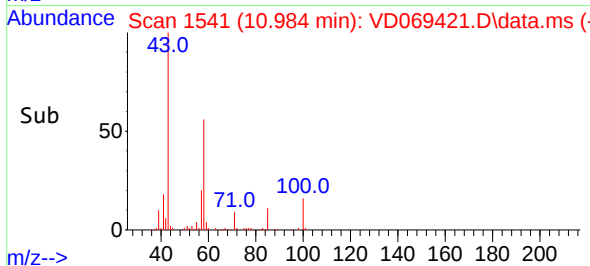
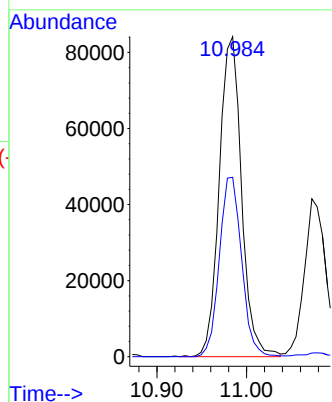
Instrument :
MSVOA_D
ClientSampleId :
VD0614SBSD01



Tgt Ion: 43 Resp: 145000
Ion Ratio Lower Upper
43 100
58 56.1 30.8 92.3

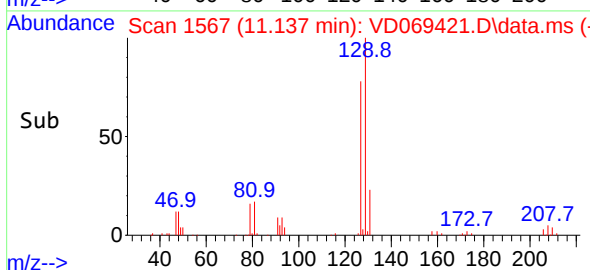
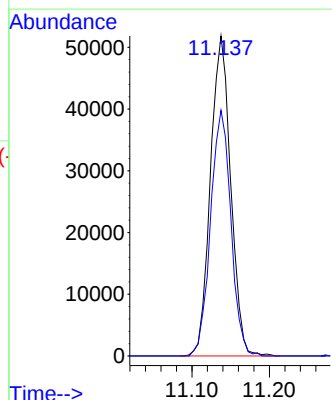
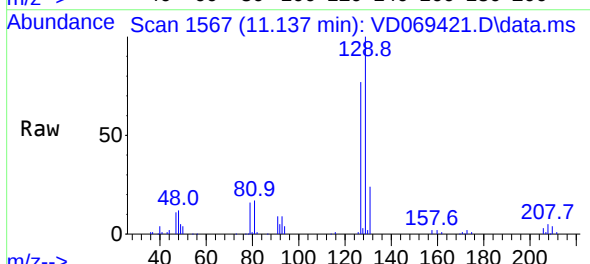
Manual Integrations
APPROVED

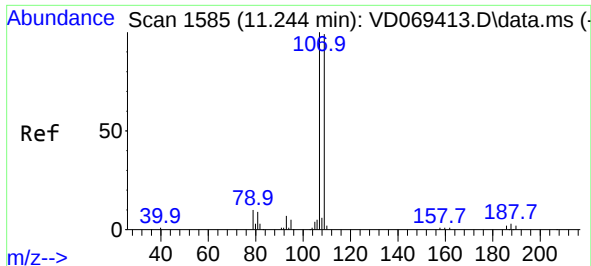
MMDadoda
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#60
Dibromochloromethane
Concen: 19.218 ug/l
RT: 11.137 min Scan# 1567
Delta R.T. -0.001 min
Lab File: VD069421.D
Acq: 14 Jun 2021 12:34

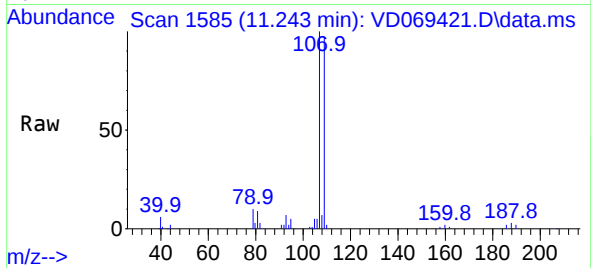
Tgt Ion: 129 Resp: 94074
Ion Ratio Lower Upper
129 100
127 77.1 39.6 118.7





#61
1,2-Dibromoethane
Concen: 19.378 ug/l
RT: 11.243 min Scan# 1585
Delta R.T. -0.001 min
Lab File: VD069421.D
Acq: 14 Jun 2021 12:34

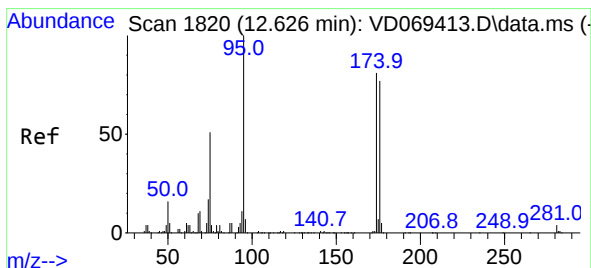
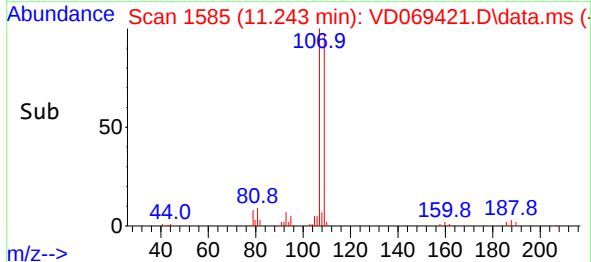
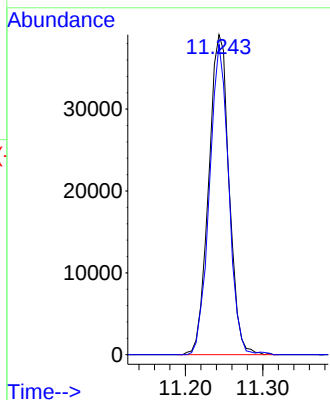
Instrument :
MSVOA_D
ClientSampleId :
VD0614SBSD01



Tgt Ion:107 Resp: 71494
Ion Ratio Lower Upper
107 100
109 91.3 75.9 113.9

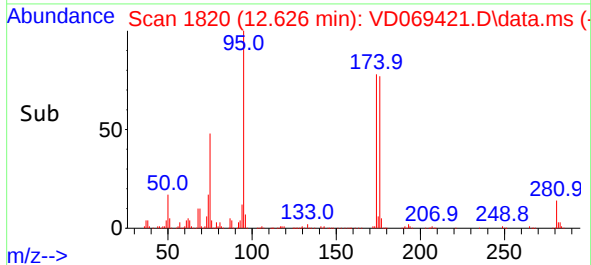
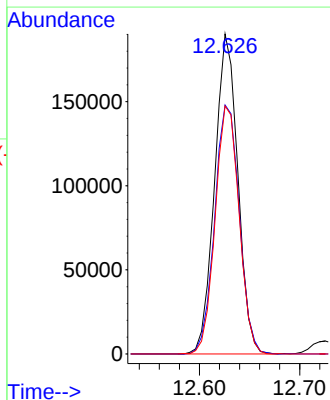
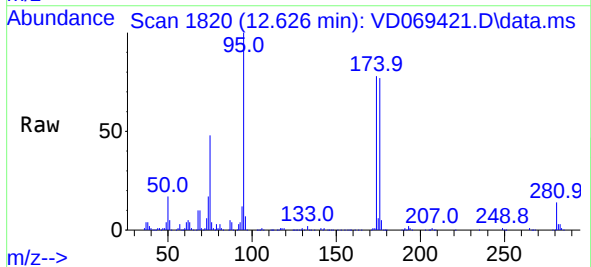
Manual Integrations
APPROVED

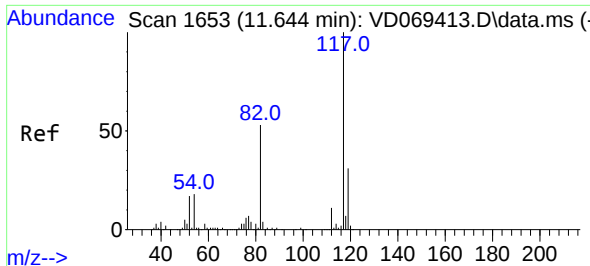
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#62
4-Bromofluorobenzene
Concen: 52.868 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069421.D
Acq: 14 Jun 2021 12:34

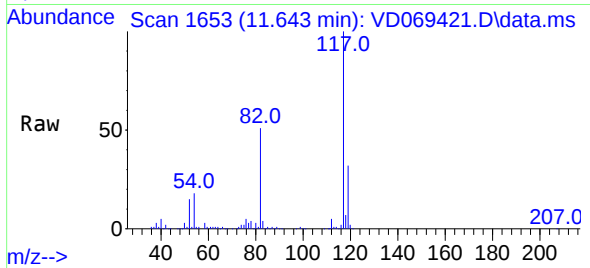
Tgt Ion: 95 Resp: 304606
Ion Ratio Lower Upper
95 100
174 82.9 0.0 162.8
176 80.2 0.0 154.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.001 min
Lab File: VD069421.D
Acq: 14 Jun 2021 12:34

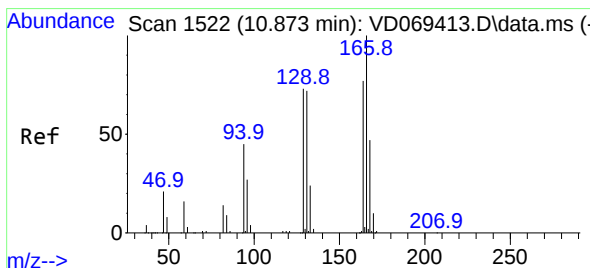
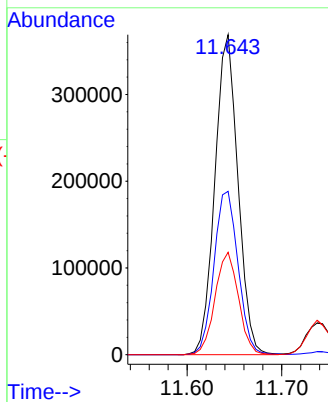
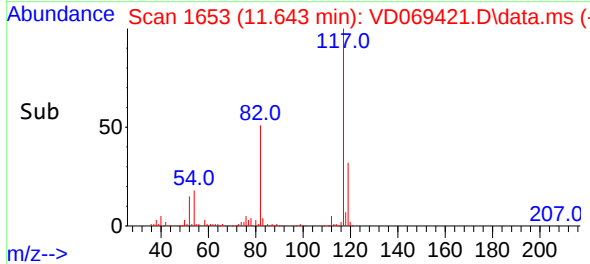
Instrument :
MSVOA_D
ClientSampleId :
VD0614SBSD01



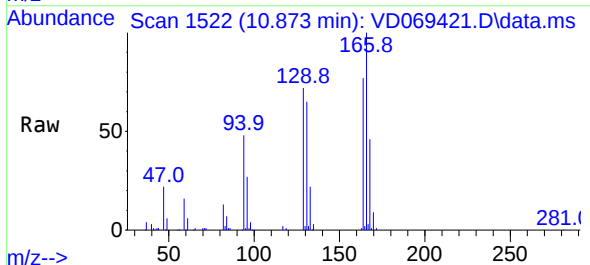
Tgt Ion:117 Resp: 625291
Ion Ratio Lower Upper
117 100
82 51.1 43.3 64.9
119 32.0 25.3 37.9

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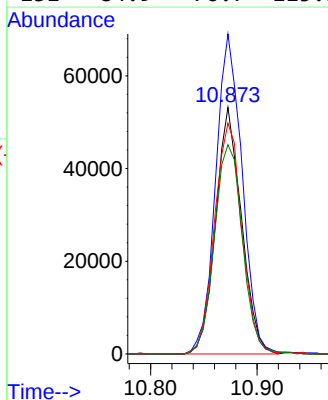
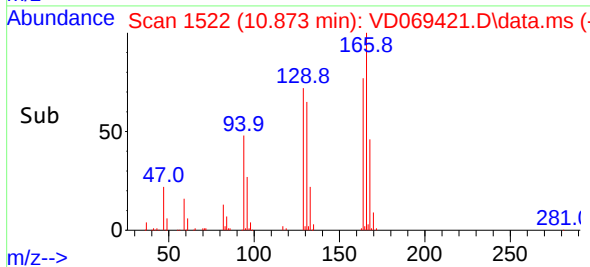
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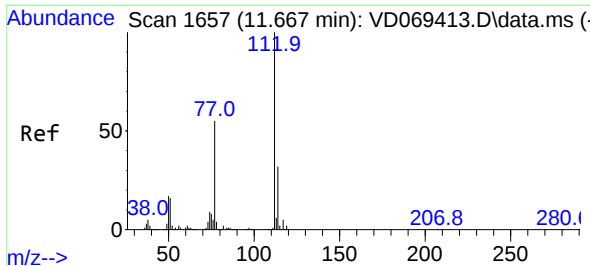


#64
Tetrachloroethene
Concen: 18.466 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. -0.000 min
Lab File: VD069421.D
Acq: 14 Jun 2021 12:34



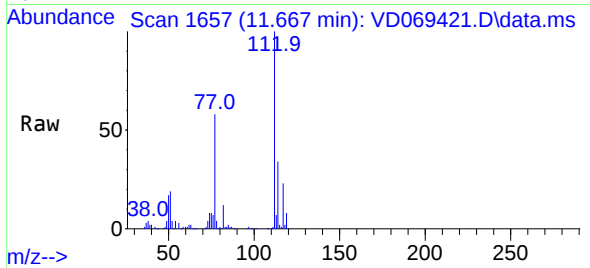
Tgt Ion:164 Resp: 89298
Ion Ratio Lower Upper
164 100
166 129.8 100.2 150.4
129 93.6 78.1 117.1
131 84.9 76.7 115.1





#65
Chlorobenzene
Concen: 18.986 ug/l
RT: 11.667 min Scan# 1657
Delta R.T. -0.000 min
Lab File: VD069421.D
Acq: 14 Jun 2021 12:34

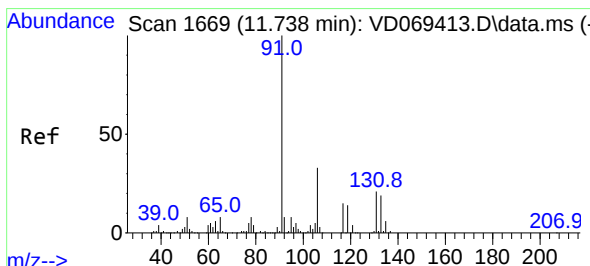
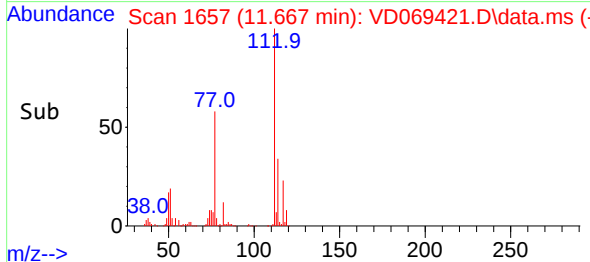
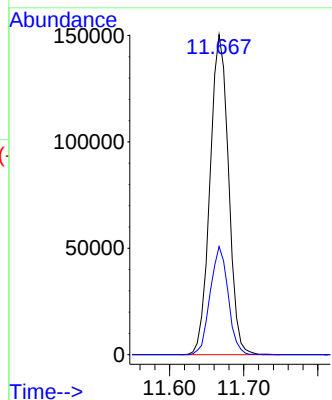
Instrument :
MSVOA_D
ClientSampleId :
VD0614SBSD01



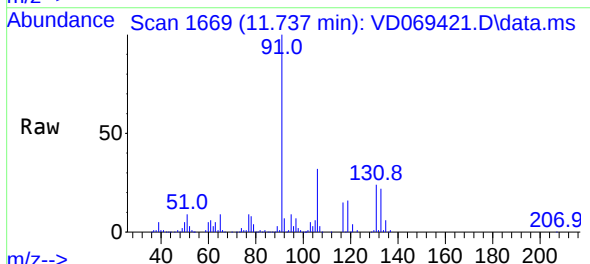
Tgt Ion:112 Resp: 261115
Ion Ratio Lower Upper
112 100
114 33.8 25.6 38.4

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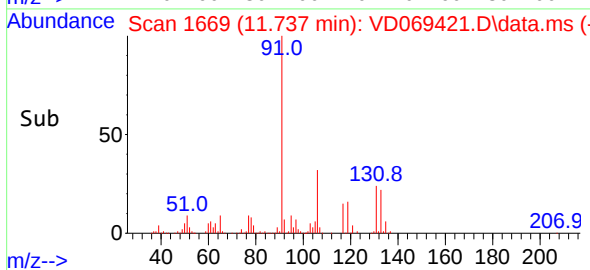
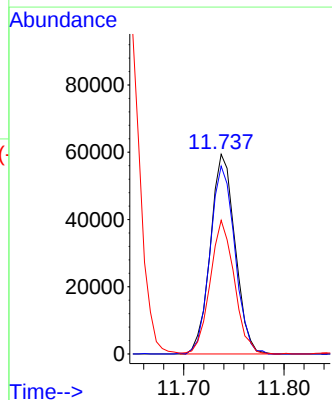
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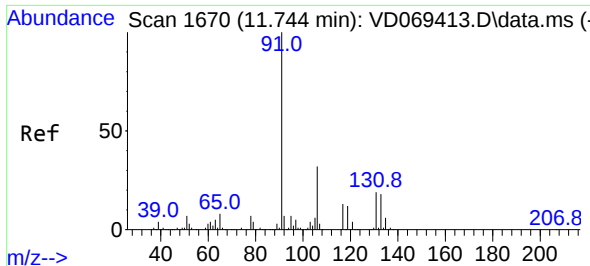


#66
1,1,1,2-Tetrachloroethane
Concen: 19.273 ug/l
RT: 11.737 min Scan# 1669
Delta R.T. -0.001 min
Lab File: VD069421.D
Acq: 14 Jun 2021 12:34



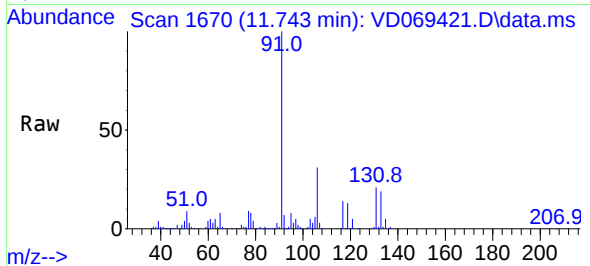
Tgt Ion:131 Resp: 101740
Ion Ratio Lower Upper
131 100
133 94.3 47.4 142.2
119 65.5 32.8 98.3





#67
Ethyl Benzene
Concen: 18.866 ug/l
RT: 11.743 min Scan# 1670
Delta R.T. -0.001 min
Lab File: VD069421.D
Acq: 14 Jun 2021 12:34

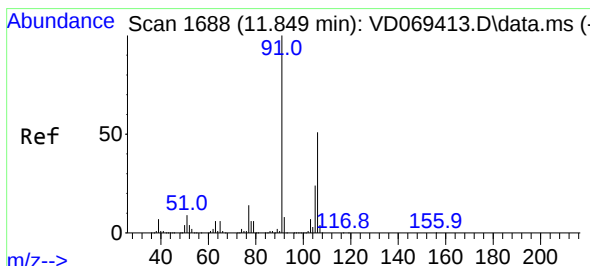
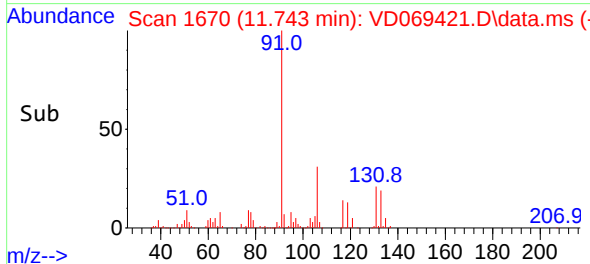
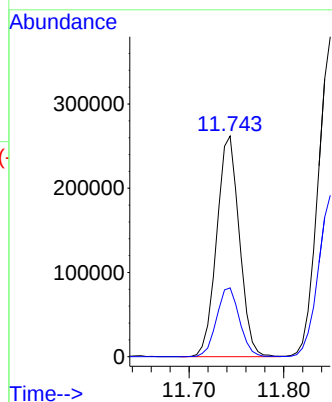
Instrument :
MSVOA_D
ClientSampleId :
VD0614SBSD01



Tgt Ion: 91 Resp: 435144
Ion Ratio Lower Upper
91 100
106 31.2 25.9 38.9

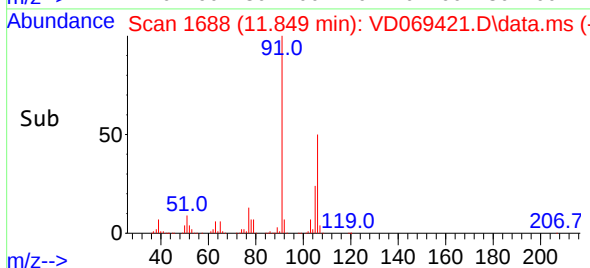
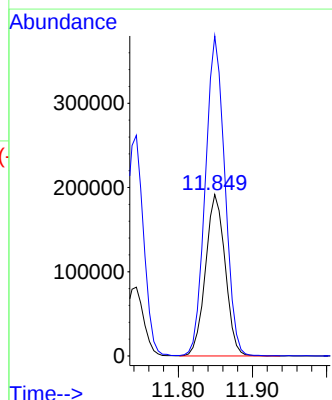
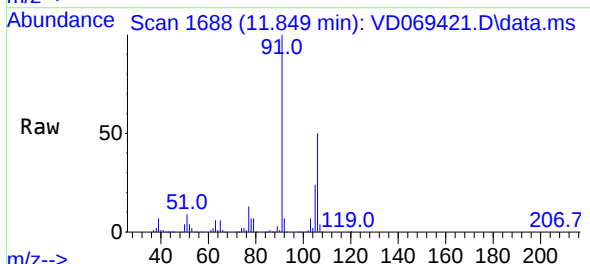
Manual Integrations
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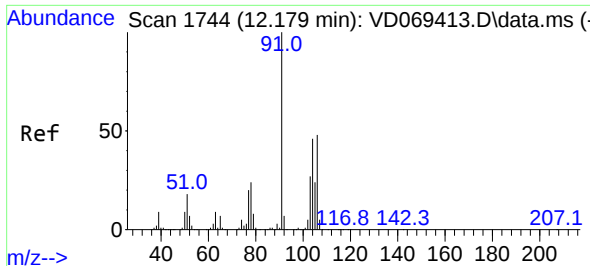
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#68
m/p-Xylenes
Concen: 38.572 ug/l
RT: 11.849 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VD069421.D
Acq: 14 Jun 2021 12:34

Tgt Ion: 106 Resp: 353398
Ion Ratio Lower Upper
106 100
91 196.4 158.3 237.5





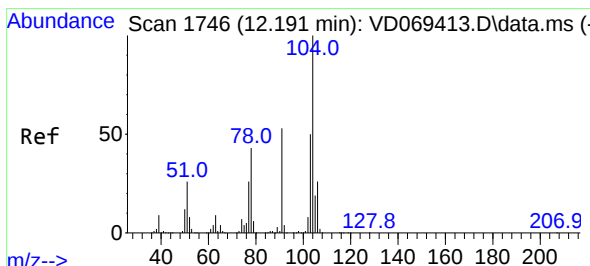
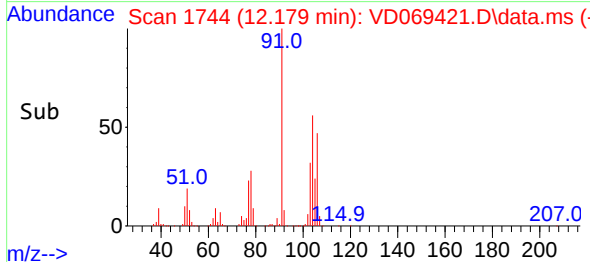
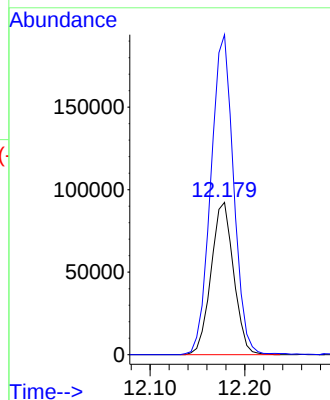
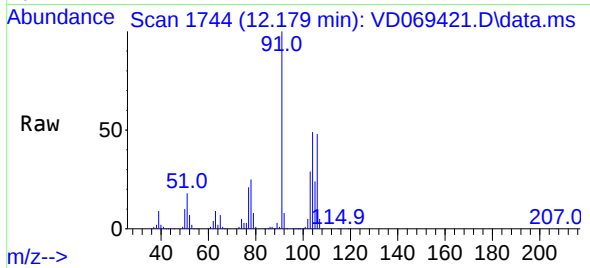
#69
o-Xylene
Concen: 18.801 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. -0.001 min
Lab File: VD069421.D
Acq: 14 Jun 2021 12:34

Tgt Ion:106 Resp: 152420
Ion Ratio Lower Upper
106 100
91 212.5 105.5 316.4

Instrument :
MSVOA_D
ClientSampleId :
VD0614SBSD01

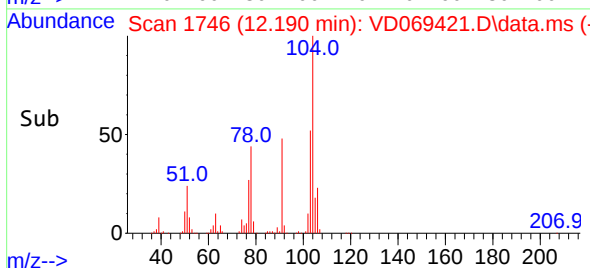
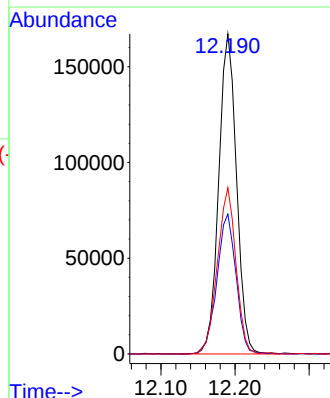
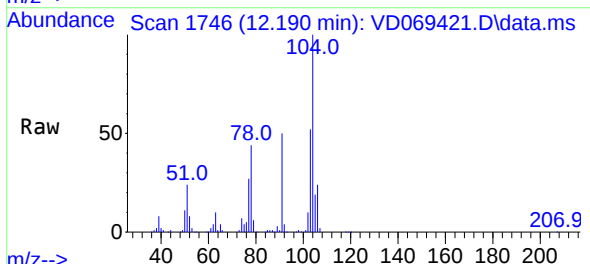
Manual Integrations
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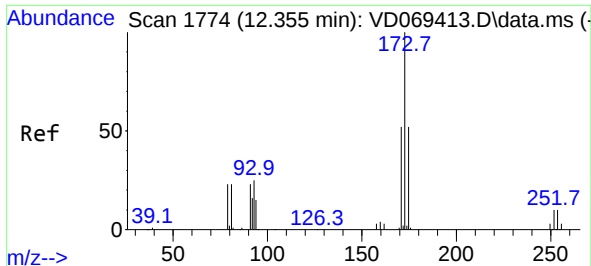
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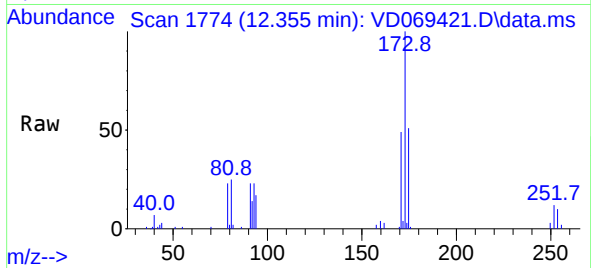
#70
Styrene
Concen: 19.564 ug/l
RT: 12.190 min Scan# 1746
Delta R.T. -0.001 min
Lab File: VD069421.D
Acq: 14 Jun 2021 12:34

Tgt Ion:104 Resp: 279062
Ion Ratio Lower Upper
104 100
78 47.1 37.5 56.3
103 54.2 44.3 66.5

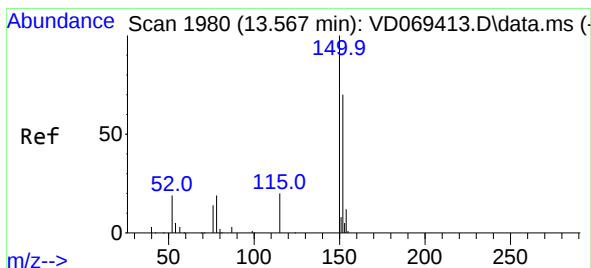
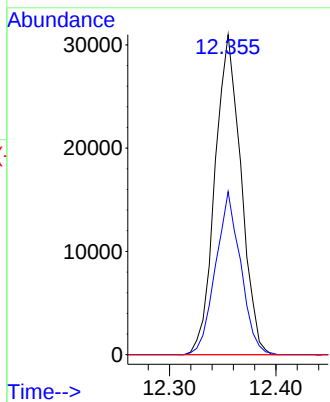
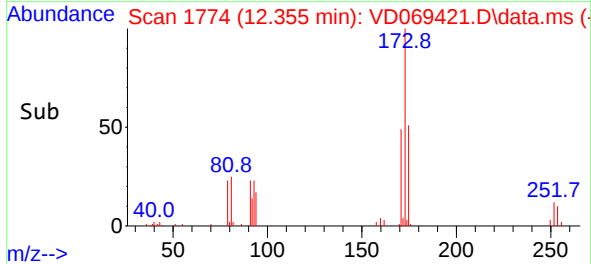




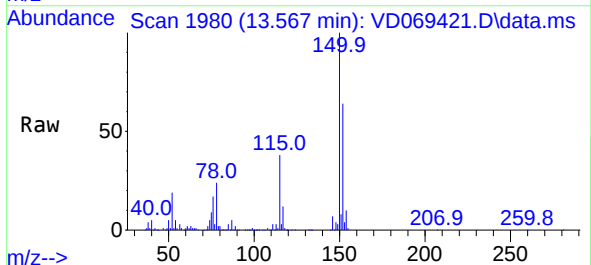
#71
Bromoform
Concen: 19.257 ug/l
RT: 12.355 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VD069421.D
Acq: 14 Jun 2021 12:34



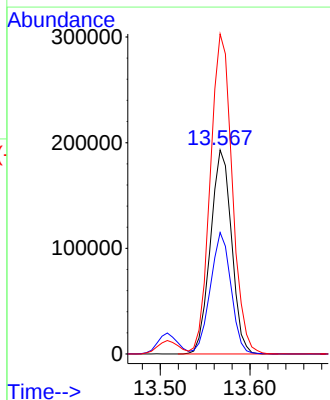
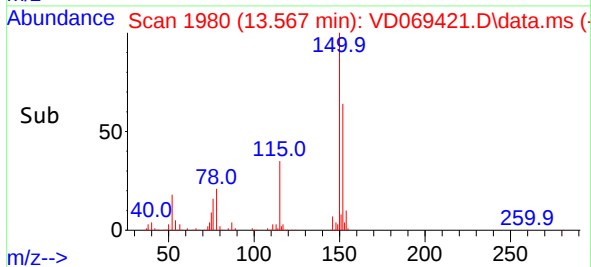
Tgt Ion:173 Resp: 52629
Ion Ratio Lower Upper
173 100
175 49.1 23.8 71.2
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069421.D
Acq: 14 Jun 2021 12:34



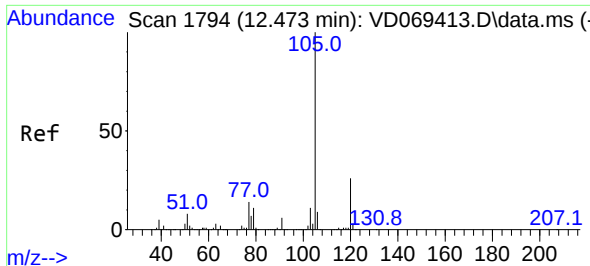
Tgt Ion:152 Resp: 315103
Ion Ratio Lower Upper
152 100
115 58.5 29.4 88.3
150 163.2 0.0 355.0



Instrument :
MSVOA_D
ClientSampleId :
VD0614SBSD01

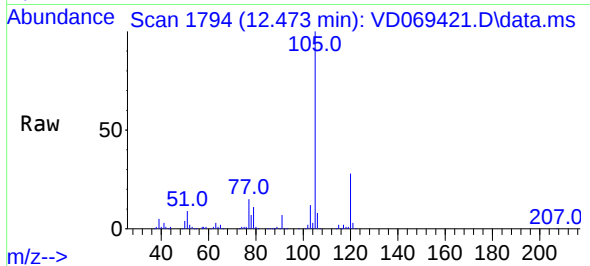
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#73
Isopropylbenzene
Concen: 18.811 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VD069421.D
Acq: 14 Jun 2021 12:34

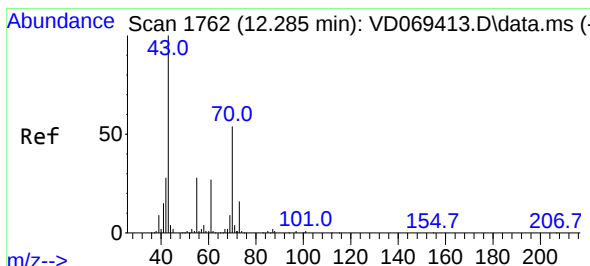
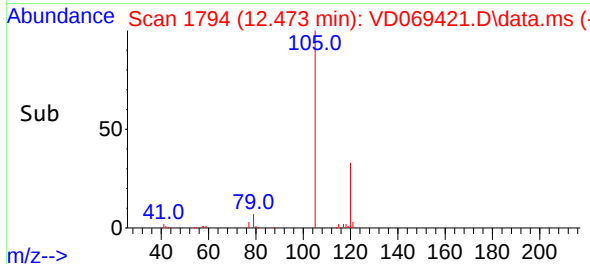
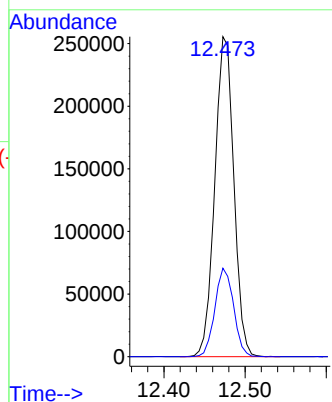
Instrument :
MSVOA_D
ClientSampleId :
VD0614SBSD01



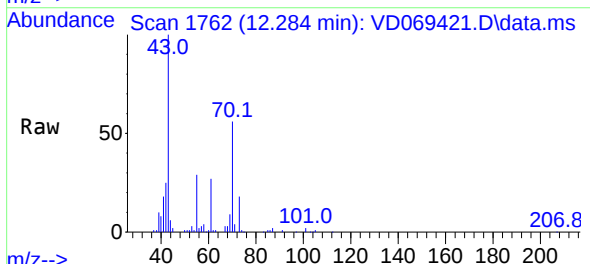
Tgt Ion: 105 Resp: 416729
Ion Ratio Lower Upper
105 100
120 27.1 13.5 40.5

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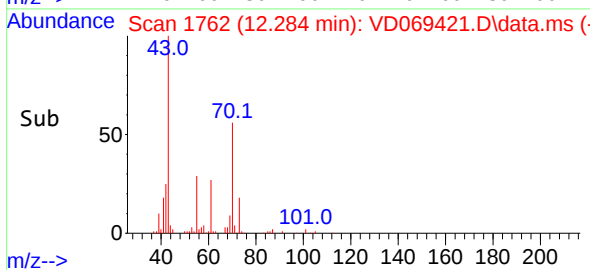
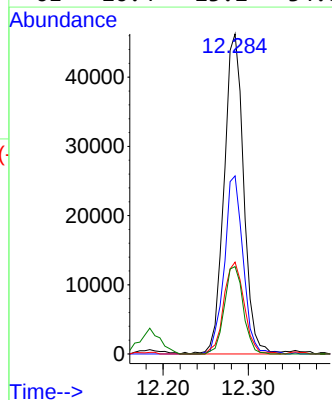
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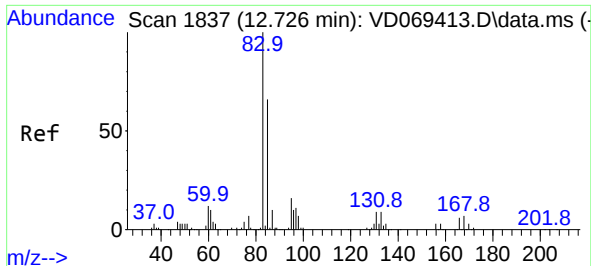


#74
N-ethyl acetate
Concen: 18.555 ug/l
RT: 12.284 min Scan# 1762
Delta R.T. -0.001 min
Lab File: VD069421.D
Acq: 14 Jun 2021 12:34



Tgt Ion: 43 Resp: 73742
Ion Ratio Lower Upper
43 100
70 53.5 40.9 61.3
55 29.8 23.4 35.0
61 26.4 23.2 34.8





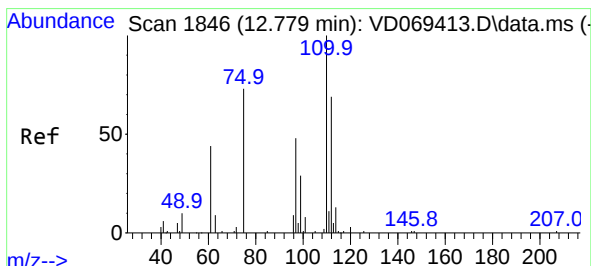
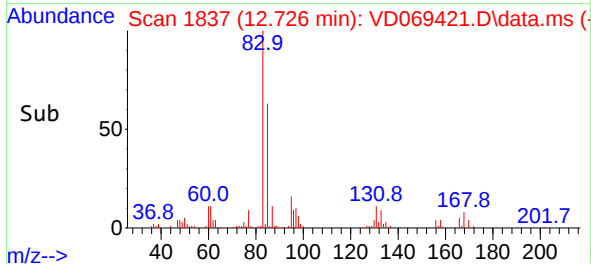
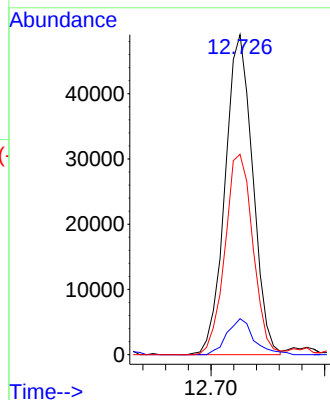
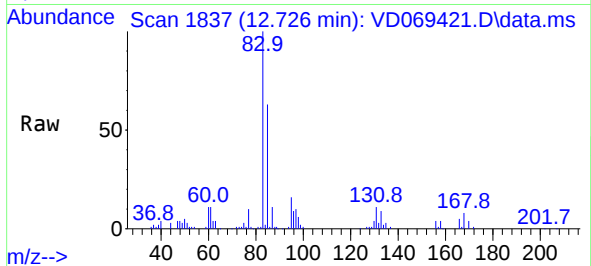
#75
1,1,2,2-Tetrachloroethane
Concen: 19.455 ug/l
RT: 12.726 min Scan# 1837
Delta R.T. -0.000 min
Lab File: VD069421.D
Acq: 14 Jun 2021 12:34

Tgt Ion: 83 Resp: 82750
Ion Ratio Lower Upper
83 100
131 10.9 5.3 16.1
85 63.3 32.6 98.0

Instrument :
MSVOA_D
ClientSampleId :
VD0614SBSD01

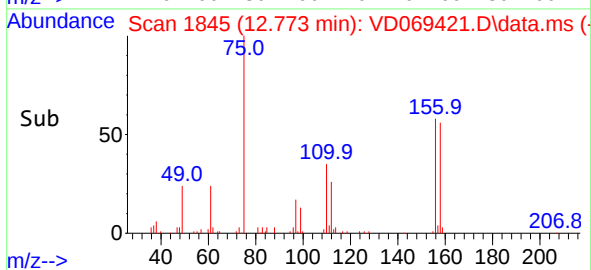
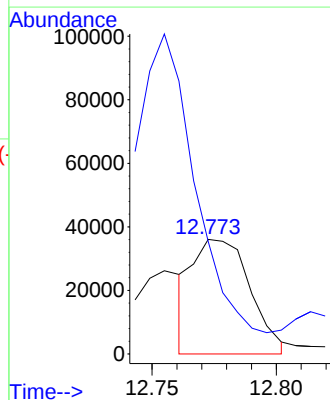
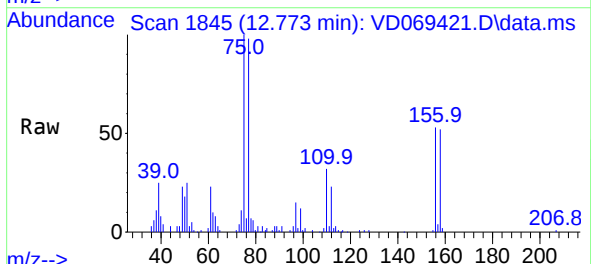
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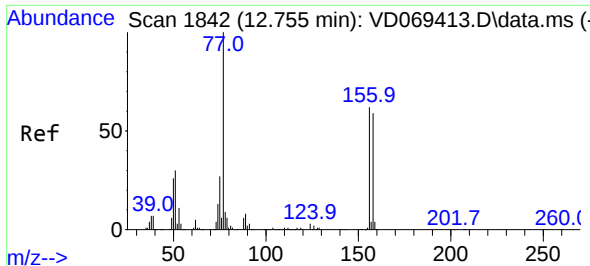
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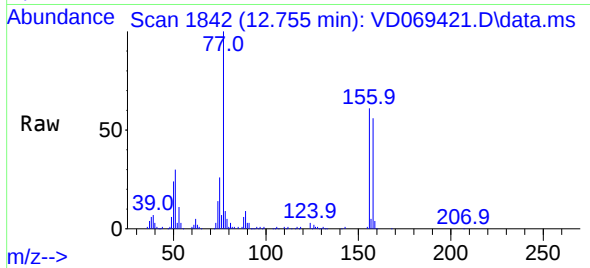
#76
1,2,3-Trichloropropane
Concen: 18.139 ug/l m
RT: 12.773 min Scan# 1845
Delta R.T. -0.006 min
Lab File: VD069421.D
Acq: 14 Jun 2021 12:34

Tgt Ion: 75 Resp: 57948
Ion Ratio Lower Upper
75 100
77 320.9 183.8 551.2

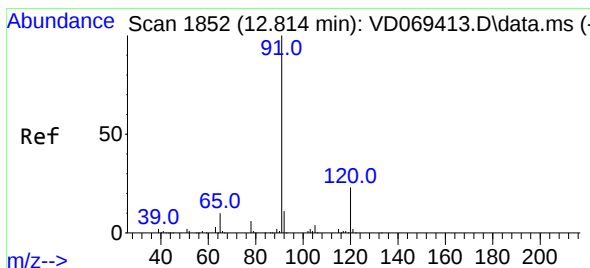
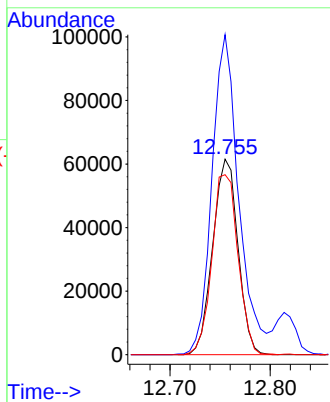
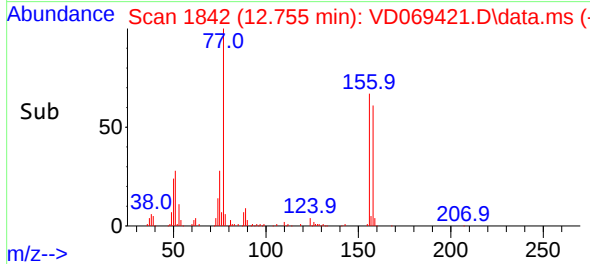




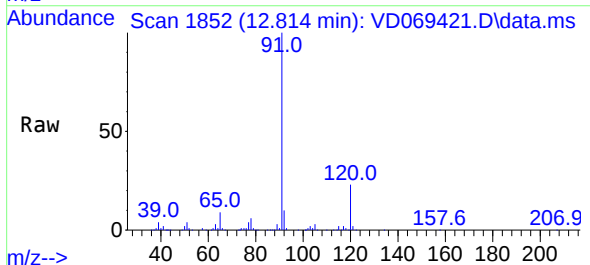
#77
Bromobenzene
Concen: 19.383 ug/l
RT: 12.755 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD069421.D
Acq: 14 Jun 2021 12:34



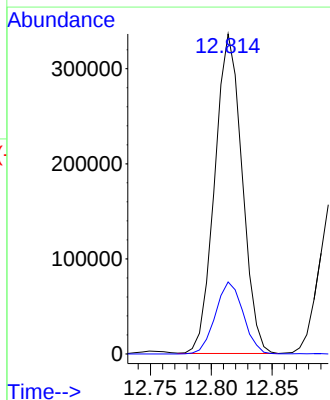
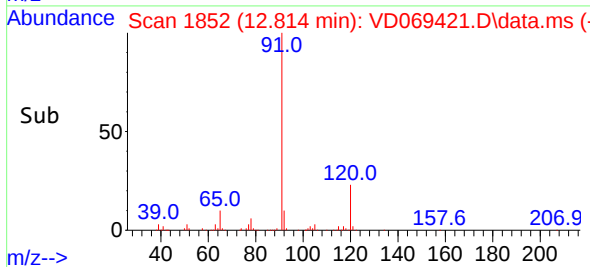
Tgt Ion:156 Resp: 107662
Ion Ratio Lower Upper
156 100
77 172.7 89.3 267.9
158 95.3 48.0 144.2



#78
n-propylbenzene
Concen: 19.370 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VD069421.D
Acq: 14 Jun 2021 12:34



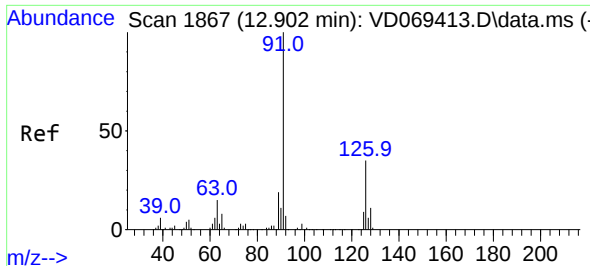
Tgt Ion: 91 Resp: 526596
Ion Ratio Lower Upper
91 100
120 22.8 11.6 34.8



Instrument :
MSVOA_D
ClientSampleId :
VD0614SBSD01

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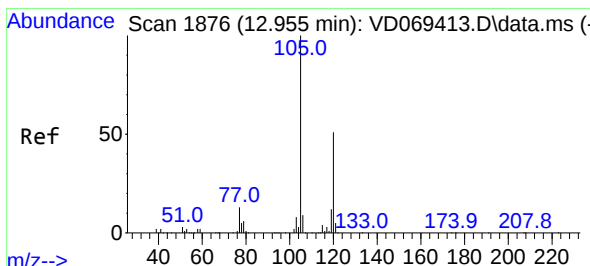
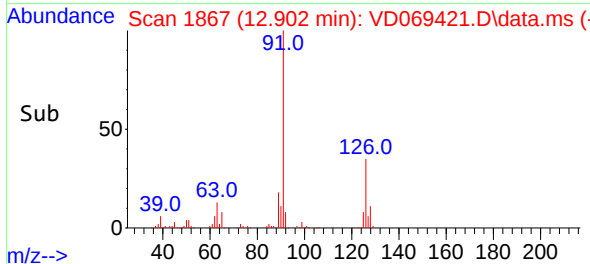
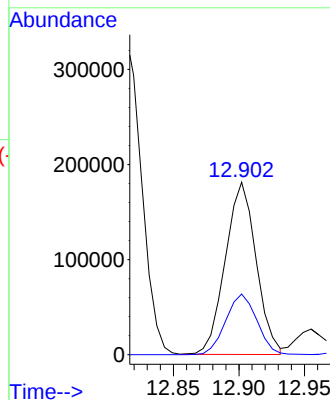
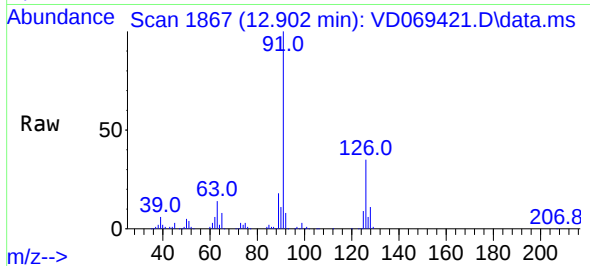
#79
2-Chlorotoluene
Concen: 19.198 ug/l
RT: 12.902 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD069421.D
Acq: 14 Jun 2021 12:34

Tgt Ion: 91 Resp: 296687
Ion Ratio Lower Upper
91 100
126 35.6 16.8 50.3

Instrument :
MSVOA_D
ClientSampleId :
VD0614SBSD01

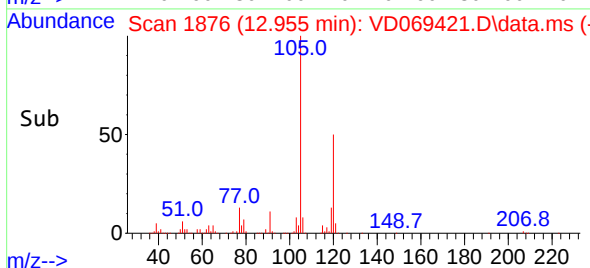
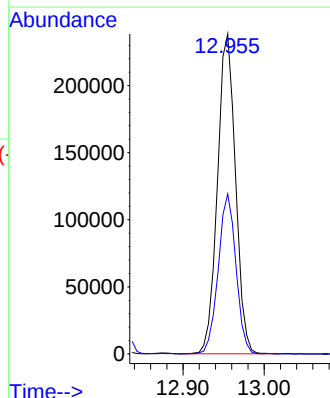
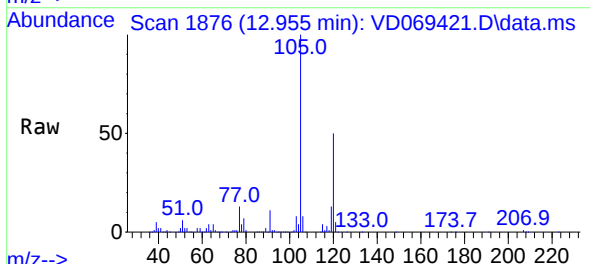
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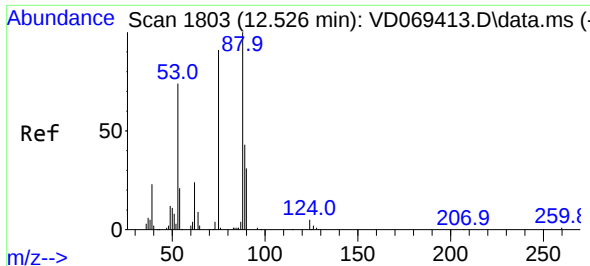
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#80
1,3,5-Trimethylbenzene
Concen: 19.710 ug/l
RT: 12.955 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VD069421.D
Acq: 14 Jun 2021 12:34

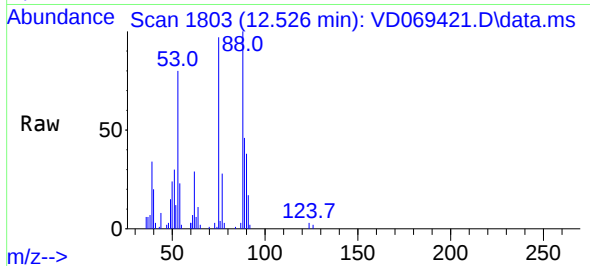
Tgt Ion:105 Resp: 368101
Ion Ratio Lower Upper
105 100
120 49.2 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 18.807 ug/l
RT: 12.526 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VD069421.D
Acq: 14 Jun 2021 12:34

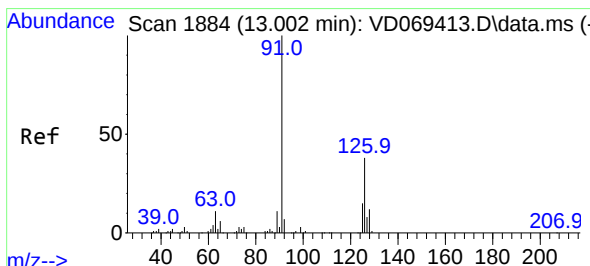
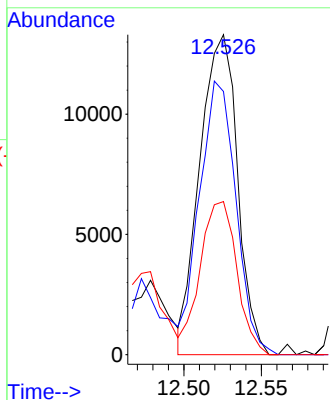
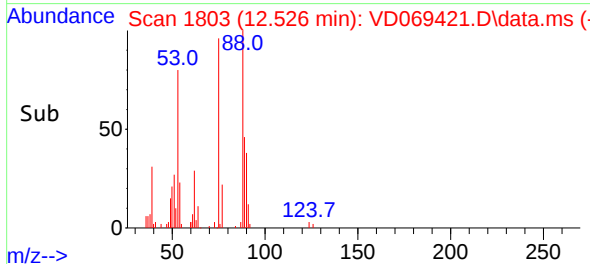
Instrument :
MSVOA_D
ClientSampleId :
VD0614SBSD01



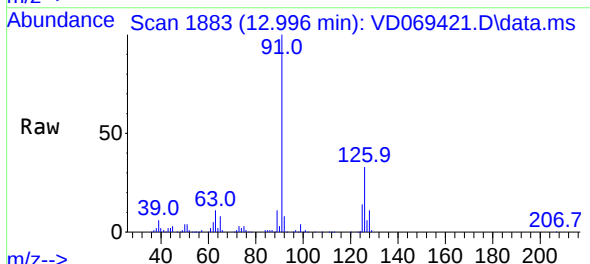
Tgt Ion: 75 Resp: 22521
Ion Ratio Lower Upper
75 100
53 82.7 62.6 94.0
89 46.6 35.6 53.4

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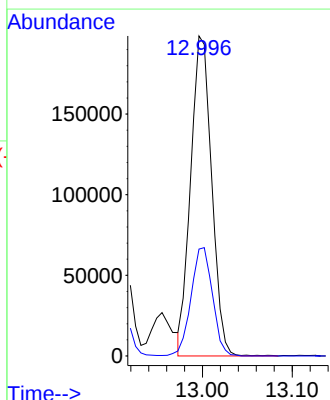
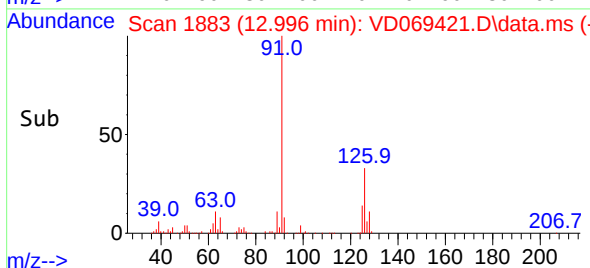
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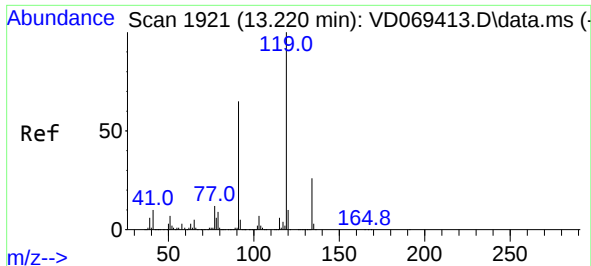


#82
4-Chlorotoluene
Concen: 19.591 ug/l
RT: 12.996 min Scan# 1883
Delta R.T. -0.006 min
Lab File: VD069421.D
Acq: 14 Jun 2021 12:34



Tgt Ion: 91 Resp: 322205
Ion Ratio Lower Upper
91 100
126 34.7 17.4 52.2





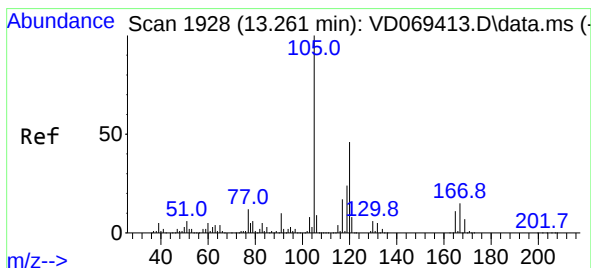
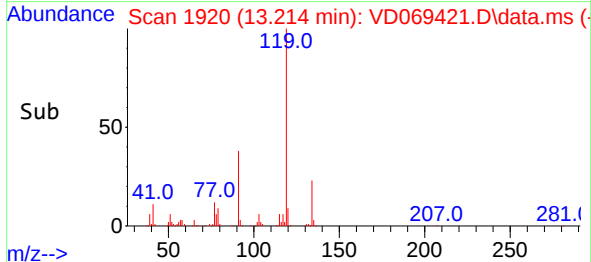
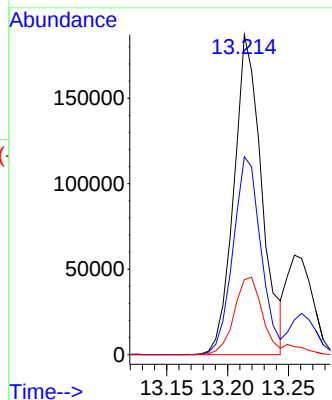
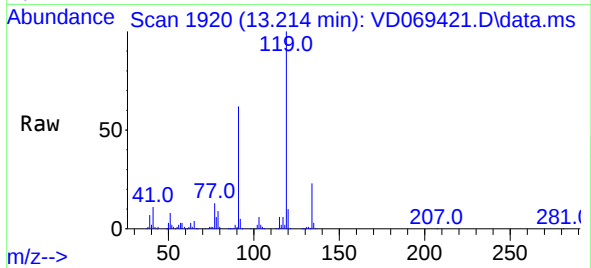
#83
tert-Butylbenzene
Concen: 18.718 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. -0.006 min
Lab File: VD069421.D
Acq: 14 Jun 2021 12:34

Tgt Ion:119 Resp: 297604
Ion Ratio Lower Upper
119 100
91 62.1 31.7 95.1
134 26.7 13.4 40.1

Instrument :
MSVOA_D
ClientSampleId :
VD0614SBSD01

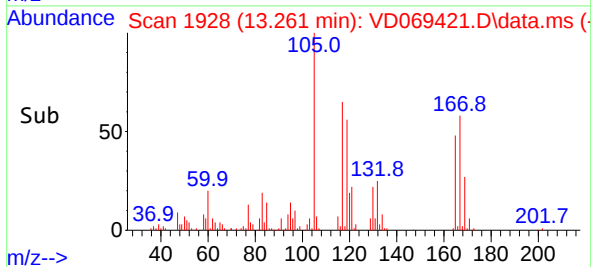
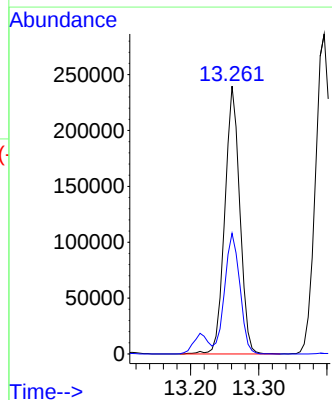
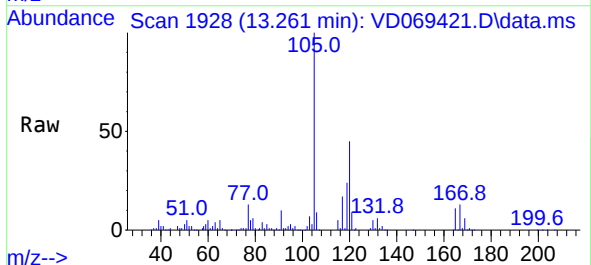
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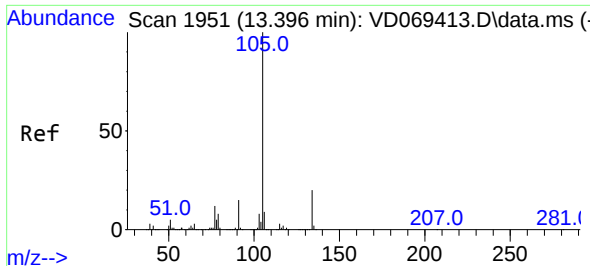
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#84
1,2,4-Trimethylbenzene
Concen: 19.615 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. -0.000 min
Lab File: VD069421.D
Acq: 14 Jun 2021 12:34

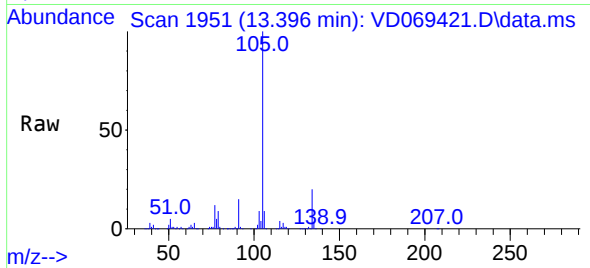
Tgt Ion:105 Resp: 366250
Ion Ratio Lower Upper
105 100
120 45.8 22.6 67.8





#85
 sec-Butylbenzene
 Concen: 19.326 ug/l
 RT: 13.396 min Scan# 1951
 Delta R.T. 0.000 min
 Lab File: VD069421.D
 Acq: 14 Jun 2021 12:34

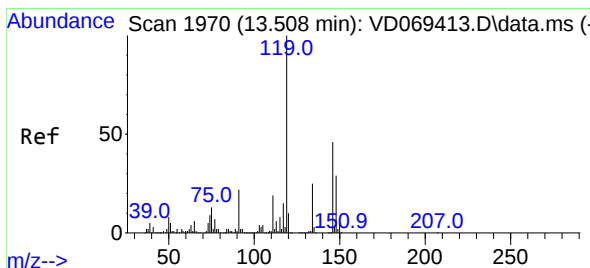
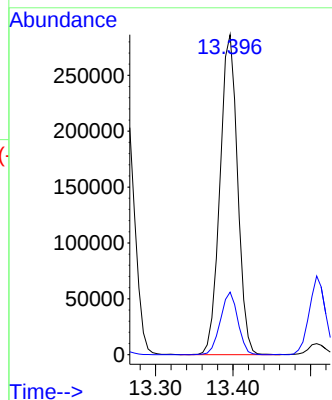
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0614SBSD01



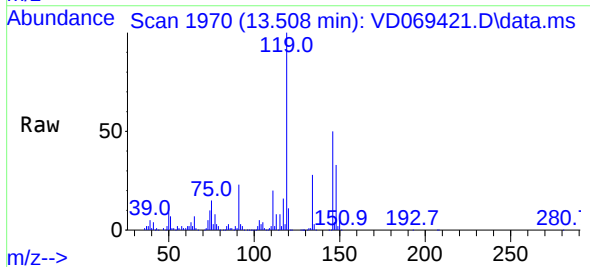
Tgt Ion:105 Resp: 451697
 Ion Ratio Lower Upper
 105 100
 134 19.4 10.1 30.3

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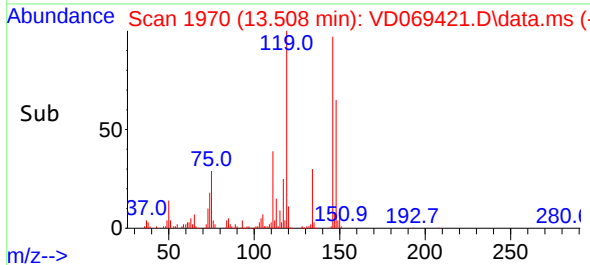
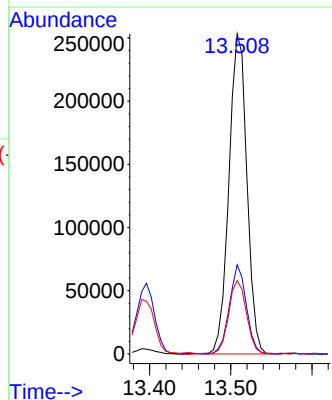
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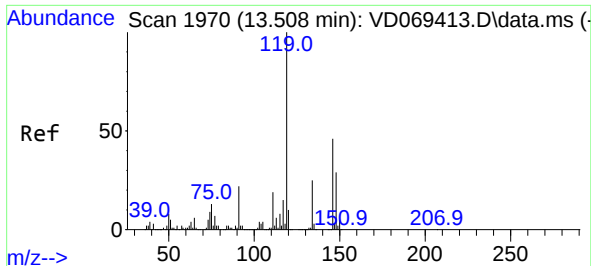


#86
 p-Isopropyltoluene
 Concen: 19.137 ug/l
 RT: 13.508 min Scan# 1970
 Delta R.T. -0.000 min
 Lab File: VD069421.D
 Acq: 14 Jun 2021 12:34



Tgt Ion:119 Resp: 388589
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.0 39.0
 91 22.5 11.3 33.8





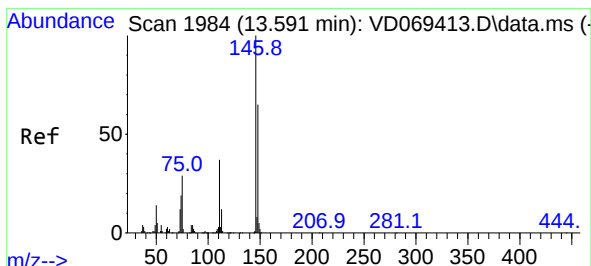
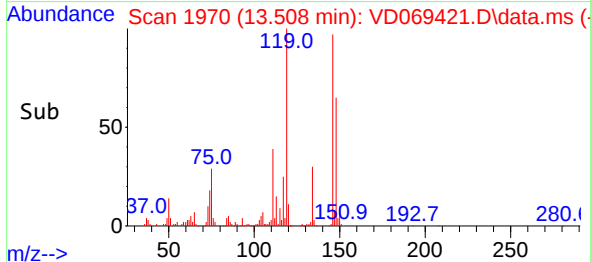
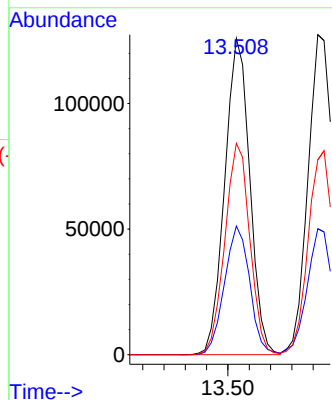
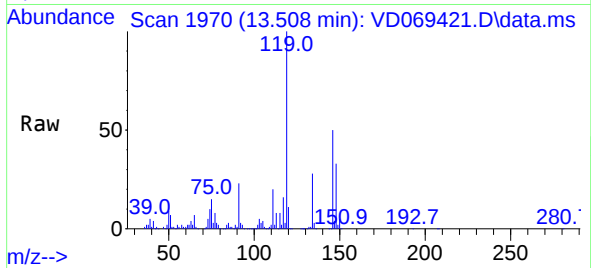
#87
1,3-Dichlorobenzene
Concen: 18.512 ug/l
RT: 13.508 min Scan# 1970
Delta R.T. -0.000 min
Lab File: VD069421.D
Acq: 14 Jun 2021 12:34

Tgt Ion:146 Resp: 205930
Ion Ratio Lower Upper
146 100
111 41.0 20.3 60.9
148 66.6 31.9 95.9

Instrument :
MSVOA_D
ClientSampleId :
VD0614SBSD01

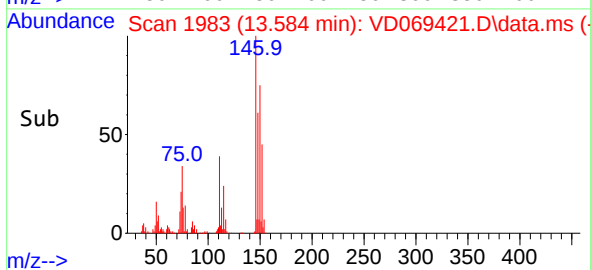
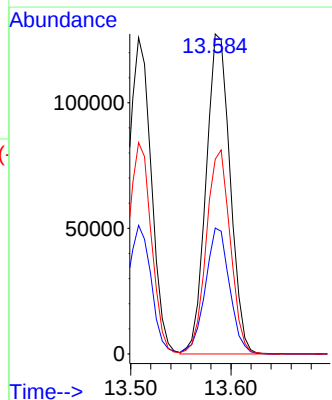
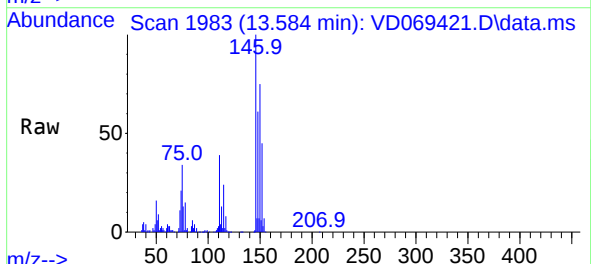
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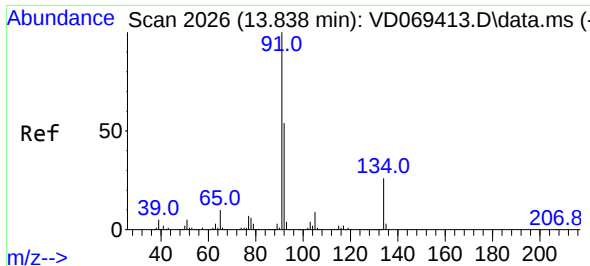
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#88
1,4-Dichlorobenzene
Concen: 19.210 ug/l
RT: 13.584 min Scan# 1983
Delta R.T. -0.007 min
Lab File: VD069421.D
Acq: 14 Jun 2021 12:34

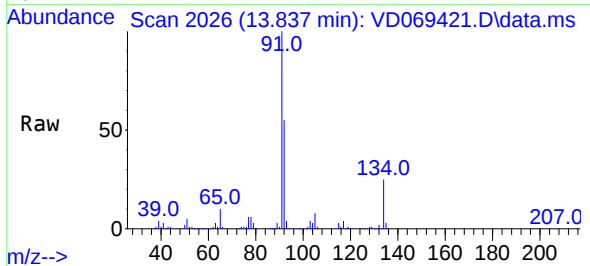
Tgt Ion:146 Resp: 212860
Ion Ratio Lower Upper
146 100
111 39.7 19.4 58.4
148 63.5 31.1 93.3





#89
n-Butylbenzene
Concen: 18.731 ug/l
RT: 13.837 min Scan# 2026
Delta R.T. -0.001 min
Lab File: VD069421.D
Acq: 14 Jun 2021 12:34

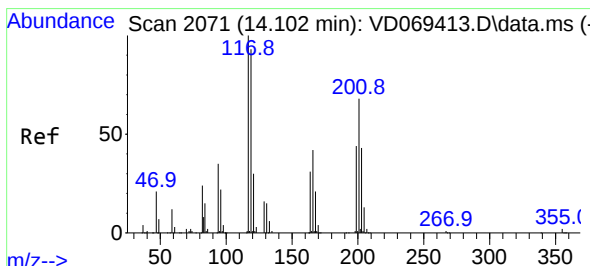
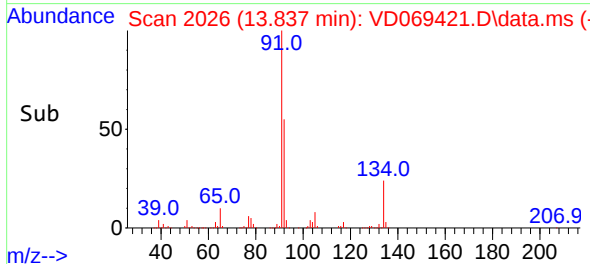
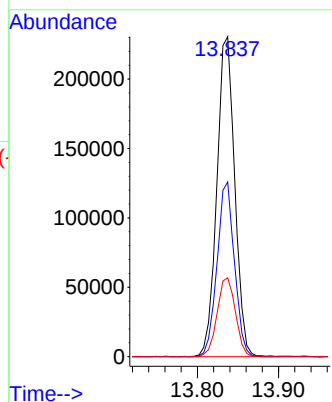
Instrument :
MSVOA_D
ClientSampleId :
VD0614SBSD01



Tgt Ion: 91 Resp: 353814
Ion Ratio Lower Upper
91 100
92 53.0 26.4 79.2
134 25.1 13.0 38.9

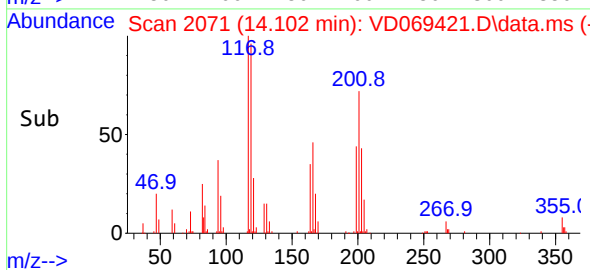
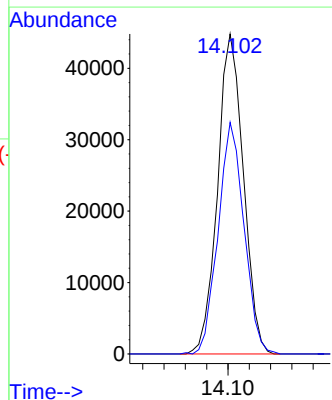
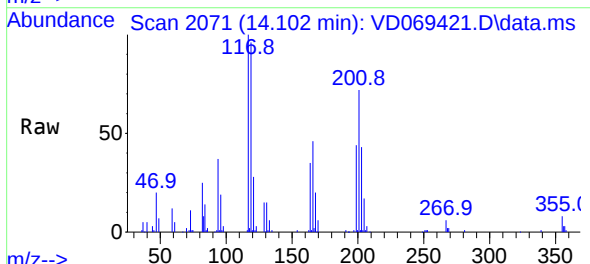
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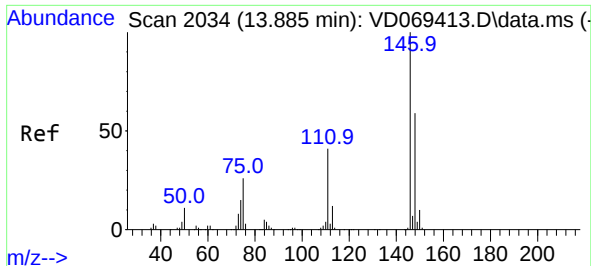
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#90
Hexachloroethane
Concen: 19.054 ug/l
RT: 14.102 min Scan# 2071
Delta R.T. -0.000 min
Lab File: VD069421.D
Acq: 14 Jun 2021 12:34

Tgt Ion: 117 Resp: 75309
Ion Ratio Lower Upper
117 100
201 72.6 36.0 108.1





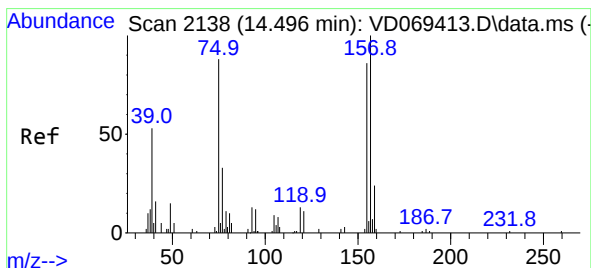
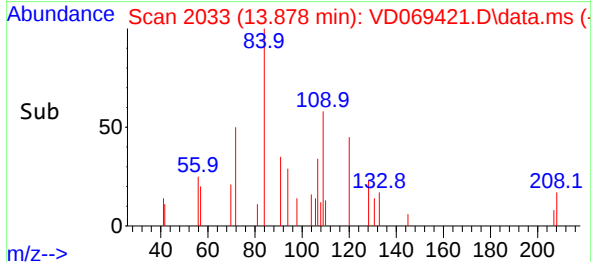
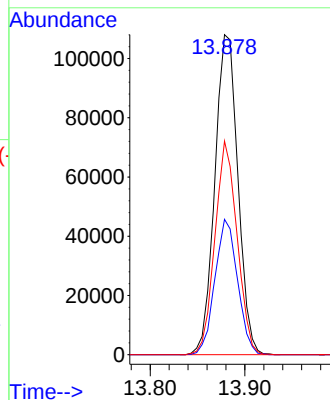
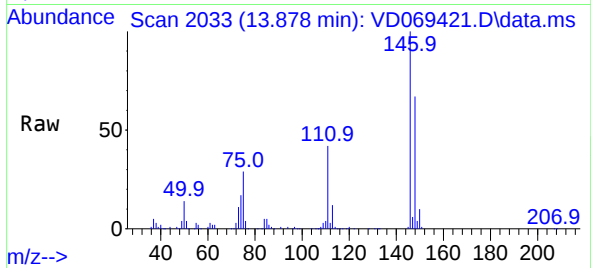
#91
1,2-Dichlorobenzene
Concen: 18.875 ug/l
RT: 13.878 min Scan# 2033
Delta R.T. -0.007 min
Lab File: VD069421.D
Acq: 14 Jun 2021 12:34

Tgt Ion:146 Resp: 183182
Ion Ratio Lower Upper
146 100
111 41.5 20.5 61.6
148 64.2 32.1 96.3

Instrument :
MSVOA_D
ClientSampleId :
VD0614SBSD01

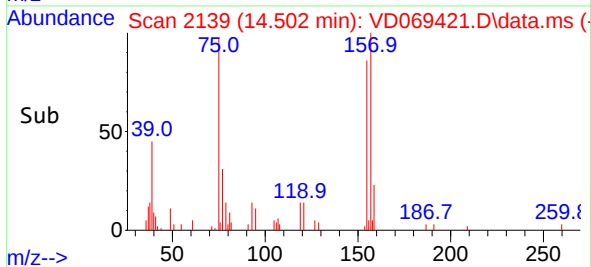
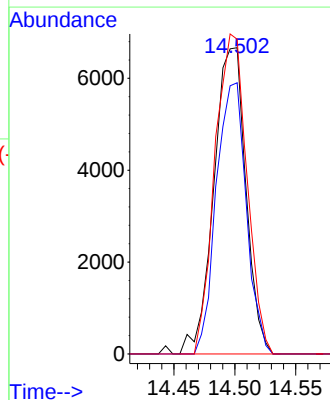
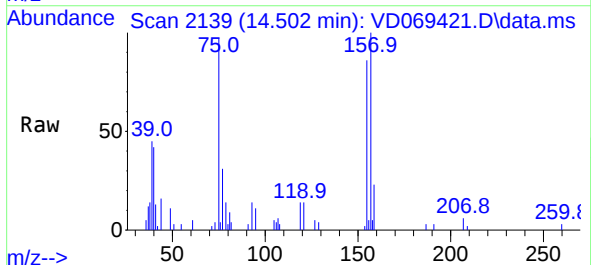
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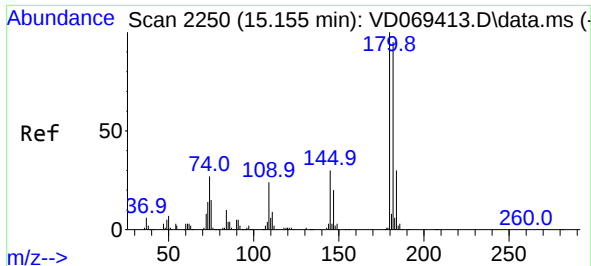
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6/23/2021 11:38:37 AM



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.052 ug/l
RT: 14.502 min Scan# 2139
Delta R.T. 0.006 min
Lab File: VD069421.D
Acq: 14 Jun 2021 12:34

Tgt Ion: 75 Resp: 12204
Ion Ratio Lower Upper
75 100
155 82.6 42.1 126.4
157 104.1 54.4 163.3





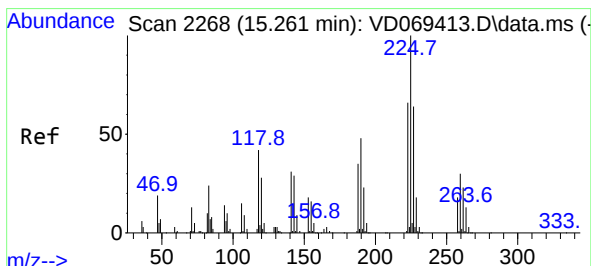
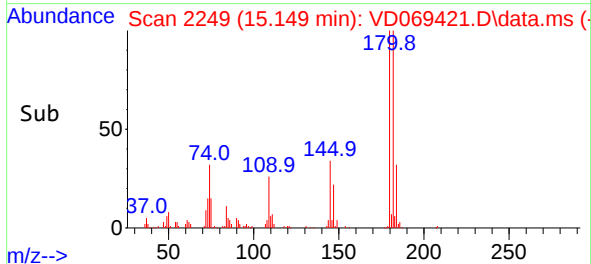
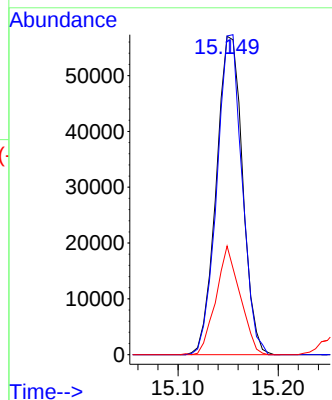
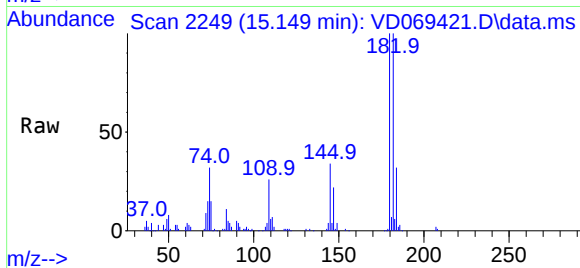
#93
1,2,4-Trichlorobenzene
Concen: 18.345 ug/l
RT: 15.149 min Scan# 2249
Delta R.T. -0.006 min
Lab File: VD069421.D
Acq: 14 Jun 2021 12:34

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	47.3	141.8
145	31.3	15.2	45.5

Instrument :
MSVOA_D
ClientSampleId :
VD0614SBSD01

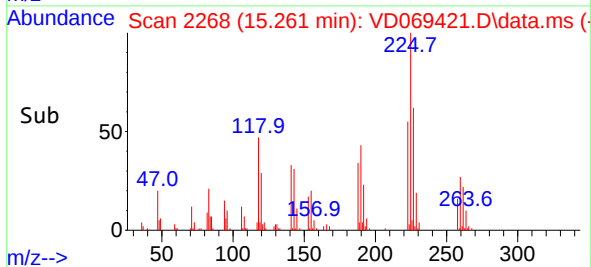
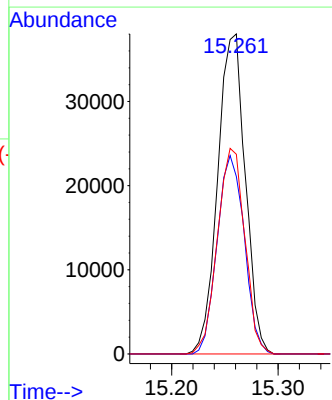
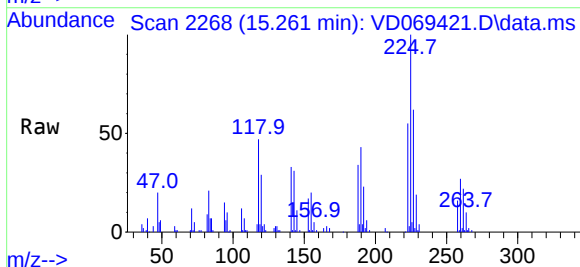
Manual Integrations
APPROVED

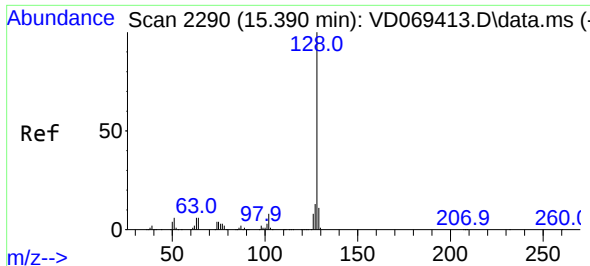
MMDadoda
6/23/2021 11:38:37 AM



#94
Hexachlorobutadiene
Concen: 19.382 ug/l
RT: 15.261 min Scan# 2268
Delta R.T. -0.000 min
Lab File: VD069421.D
Acq: 14 Jun 2021 12:34

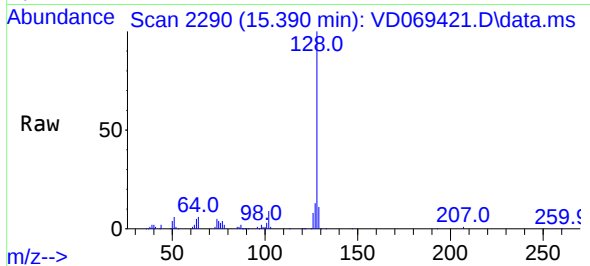
Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.0	30.5	91.5
227	63.7	31.4	94.2





#95
Naphthalene
Concen: 17.858 ug/l
RT: 15.390 min Scan# 2290
Delta R.T. 0.000 min
Lab File: VD069421.D
Acq: 14 Jun 2021 12:34

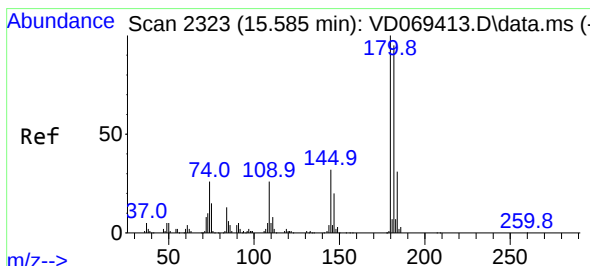
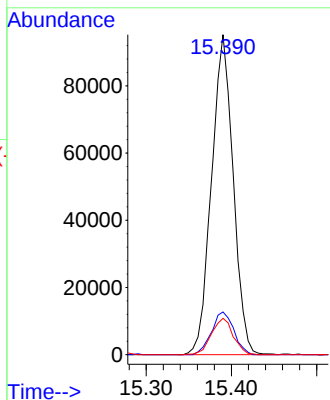
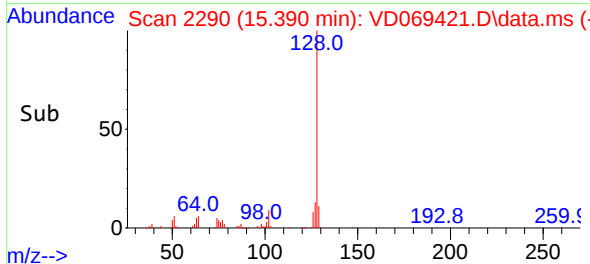
Instrument :
MSVOA_D
ClientSampleId :
VD0614SBSD01



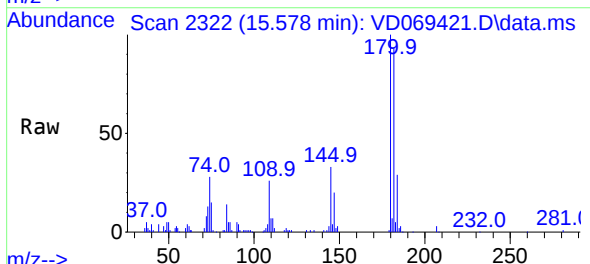
Tgt Ion:128 Resp: 167969
Ion Ratio Lower Upper
128 100
127 13.8 10.4 15.6
129 11.5 8.8 13.2

Manual Integrations
APPROVED

MMDadoda
6/23/2021 11:38:37 AM



#96
1,2,3-Trichlorobenzene
Concen: 18.941 ug/l
RT: 15.578 min Scan# 2322
Delta R.T. -0.007 min
Lab File: VD069421.D
Acq: 14 Jun 2021 12:34



Tgt Ion:180 Resp: 92864
Ion Ratio Lower Upper
180 100
182 95.4 47.0 141.0
145 33.6 15.9 47.7

