

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061121\
 Data File : VD069410.D
 Acq On : 11 Jun 2021 10:05
 Operator : VA/SY
 Sample : VSTDIC005
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

Manual Integrations
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MMDadoda
 6/14/2021 10:56:13 AM

Quant Time: Jun 11 12:11:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061121S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 11 12:10:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	351191	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	581462	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	552011	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	267602	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	22018	5.492	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	10.980%#		
35) Dibromofluoromethane	7.908	113	23583	5.402	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	10.800%#		
50) Toluene-d8	10.338	98	74135	4.789	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	9.580%#		
62) 4-Bromofluorobenzene	12.626	95	24830	5.087	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	10.180%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	21318	5.883	ug/l	99
3) Chloromethane	2.209	50	22154	6.039	ug/l	89
4) Vinyl Chloride	2.350	62	25292	5.780	ug/l	93
5) Bromomethane	2.768	94	22526	6.286	ug/l	94
6) Chloroethane	2.920	64	17016	5.642	ug/l #	79
7) Trichlorofluoromethane	3.273	101	41458	5.814	ug/l	93
8) Diethyl Ether	3.709	74	8469	5.061	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.103	101	24270	5.704	ug/l	98
10) Methyl Iodide	4.309	142	16470	4.812	ug/l #	94
11) Tert butyl alcohol	5.203	59	5302m	24.986	ug/l	
12) 1,1-Dichloroethene	4.067	96	20779	5.580	ug/l	93
13) Acrolein	3.920	56	5704	23.019	ug/l	99
14) Allyl chloride	4.709	41	22290	5.273	ug/l	97
15) Acrylonitrile	5.420	53	16859	25.895	ug/l	97
16) Acetone	4.162	43	18833	27.753	ug/l	99
17) Carbon Disulfide	4.409	76	70638	5.828	ug/l	96
18) Methyl Acetate	4.720	43	12187	6.415	ug/l	99
19) Methyl tert-butyl Ether	5.473	73	31341	4.921	ug/l	97
20) Methylene Chloride	4.967	84	51865	7.409	ug/l	95
21) trans-1,2-Dichloroethene	5.467	96	23482	5.412	ug/l	97
22) Diisopropyl ether	6.361	45	38271	4.577	ug/l #	85
23) Vinyl Acetate	6.308	43	88155	20.396	ug/l	98
24) 1,1-Dichloroethane	6.261	63	40679	5.528	ug/l	96
25) 2-Butanone	7.214	43	19540	24.726	ug/l	95
26) 2,2-Dichloropropane	7.208	77	34203	5.289	ug/l	100
27) cis-1,2-Dichloroethene	7.214	96	24954	5.375	ug/l	94
28) Bromochloromethane	7.550	49	14133	5.321	ug/l	98
29) Tetrahydrofuran	7.561	42	10669	24.582	ug/l	90
30) Chloroform	7.708	83	47847	5.763	ug/l	93
31) Cyclohexane	7.979	56	31347	5.795	ug/l #	81
32) 1,1,1-Trichloroethane	7.908	97	40432	5.576	ug/l	98
36) 1,1-Dichloropropene	8.114	75	31651	5.281	ug/l	98
37) Ethyl Acetate	7.297	43	10297	5.233	ug/l #	93
38) Carbon Tetrachloride	8.097	117	36306	5.472	ug/l	98
39) Methylcyclohexane	9.355	83	30431	5.338	ug/l	86
40) Benzene	8.350	78	94733	5.391	ug/l	96

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 Sample : VSTDIC005
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 ALS Vial : 3 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VSTDIC005

Manual Integrations
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Quant Time: Jun 11 12:11:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061121S.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	4850	5.104	ug/l #	82
42) 1,2-Dichloroethane	8.420	62	27186	5.556	ug/l	100
43) Isopropyl Acetate	8.455	43	17891	4.834	ug/l	99
44) Trichloroethene	9.108	130	27119	5.491	ug/l	92
45) 1,2-Dichloropropane	9.391	63	22922	5.302	ug/l	89
46) Dibromomethane	9.473	93	12655	5.139	ug/l	95
47) Bromodichloromethane	9.661	83	34650	5.403	ug/l #	88
48) Methyl methacrylate	9.455	41	6915	4.263	ug/l #	75
49) 1,4-Dioxane	9.461	88	2228	97.269	ug/l #	83
51) 4-Methyl-2-Pentanone	10.226	43	42686	22.812	ug/l	98
52) Toluene	10.402	92	53889	4.939	ug/l	100
53) t-1,3-Dichloropropene	10.614	75	26162	4.959	ug/l	100
54) cis-1,3-Dichloropropene	10.091	75	32603	5.115	ug/l	95
55) 1,1,2-Trichloroethane	10.802	97	17864	5.240	ug/l	96
56) Ethyl methacrylate	10.661	69	13441	4.307	ug/l	95
57) 1,3-Dichloropropane	10.944	76	28612	5.247	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.938	63	33516	21.182	ug/l	97
59) 2-Hexanone	10.985	43	26564	21.666	ug/l	93
60) Dibromochloromethane	11.138	129	22476	5.183	ug/l	99
61) 1,2-Dibromoethane	11.244	107	16793	5.165	ug/l	93
64) Tetrachloroethene	10.873	164	25895	5.867	ug/l	91
65) Chlorobenzene	11.667	112	65416	5.383	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.738	131	25492	5.424	ug/l	98
67) Ethyl Benzene	11.743	91	95023	4.876	ug/l	99
68) m/p-Xylenes	11.849	106	74553	9.533	ug/l	99
69) o-Xylene	12.179	106	32046	4.750	ug/l	100
70) Styrene	12.191	104	52550	4.412	ug/l	96
71) Bromoform	12.349	173	12339	5.140	ug/l #	99
73) Isopropylbenzene	12.473	105	85003	4.773	ug/l	99
74) N-amyl acetate	12.285	43	14465	4.611	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.726	83	19534	5.405	ug/l	98
76) 1,2,3-Trichloropropane	12.779	75	13579m	6.606	ug/l	
77) Bromobenzene	12.755	156	23862	5.159	ug/l	96
78) n-propylbenzene	12.814	91	104789	4.745	ug/l	96
79) 2-Chlorotoluene	12.902	91	62141	4.896	ug/l	96
80) 1,3,5-Trimethylbenzene	12.955	105	68759	4.583	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.526	75	4673	4.830	ug/l #	83
82) 4-Chlorotoluene	13.002	91	66285	4.892	ug/l	98
83) tert-Butylbenzene	13.220	119	61943	4.860	ug/l	96
84) 1,2,4-Trimethylbenzene	13.261	105	67388	4.492	ug/l	97
85) sec-Butylbenzene	13.396	105	92316	4.859	ug/l	99
86) p-Isopropyltoluene	13.508	119	75004	4.601	ug/l	98
87) 1,3-Dichlorobenzene	13.508	146	49525	5.287	ug/l	98
88) 1,4-Dichlorobenzene	13.590	146	52395	5.538	ug/l	95
89) n-Butylbenzene	13.838	91	73965	4.858	ug/l	97
90) Hexachloroethane	14.102	117	18973	5.617	ug/l	98
91) 1,2-Dichlorobenzene	13.885	146	43111	5.232	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.496	75	3126	5.750	ug/l	91
93) 1,2,4-Trichlorobenzene	15.149	180	22556	4.904	ug/l	97
94) Hexachlorobutadiene	15.255	225	15389	5.143	ug/l	93
95) Naphthalene	15.390	128	33740	4.635	ug/l #	96
96) 1,2,3-Trichlorobenzene	15.579	180	19199	4.830	ug/l	99

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 Data File : VD069410.D
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 Sample : VSTDIC005
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

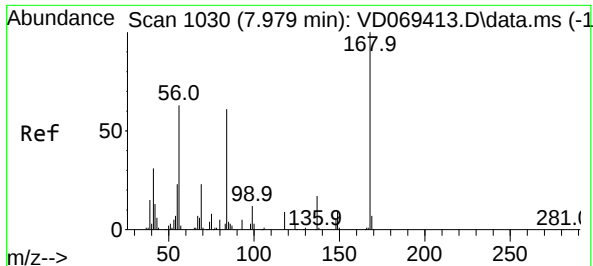
Manual Integrations
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 Quant Title : SW846 8260
 QLast Update : Fri Jun 11 12:10:28 2021
 Response via : Initial Calibration

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



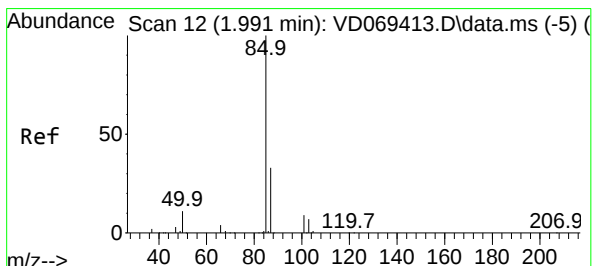
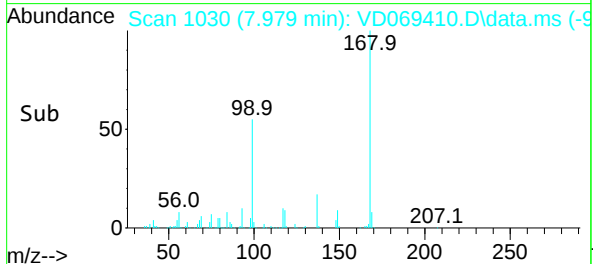
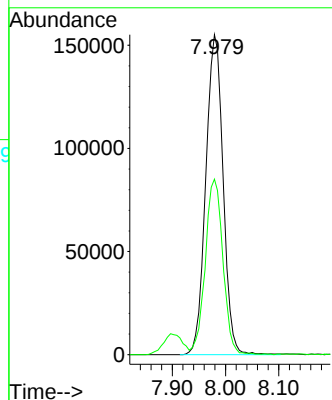
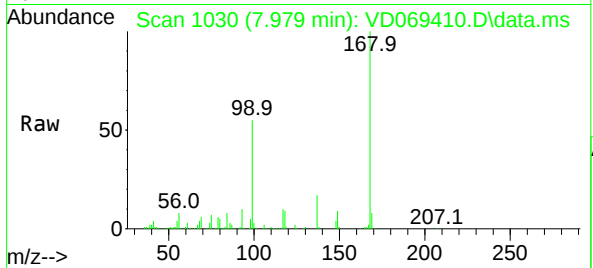
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069410.D
Acq: 11 Jun 2021 10:05

Tgt Ion: 168 Resp: 351191
Ion Ratio Lower Upper
168 100
99 54.7 46.2 69.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

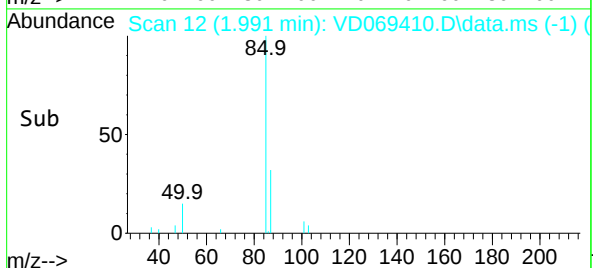
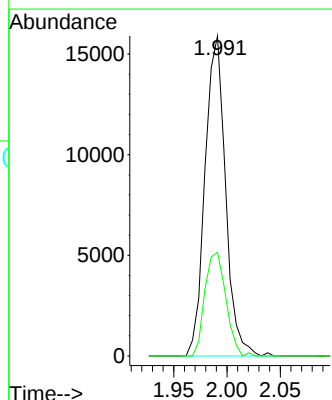
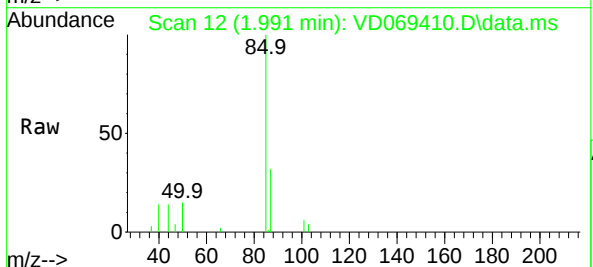
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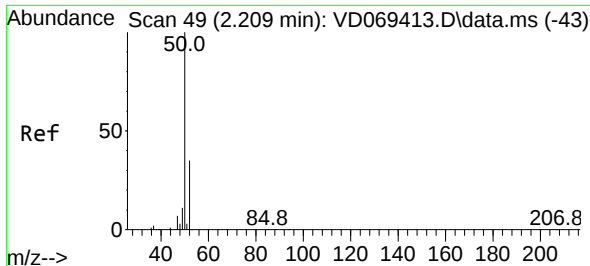
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#2
Dichlorodifluoromethane
Concen: 5.883 ug/l
RT: 1.991 min Scan# 12
Delta R.T. -0.000 min
Lab File: VD069410.D
Acq: 11 Jun 2021 10:05

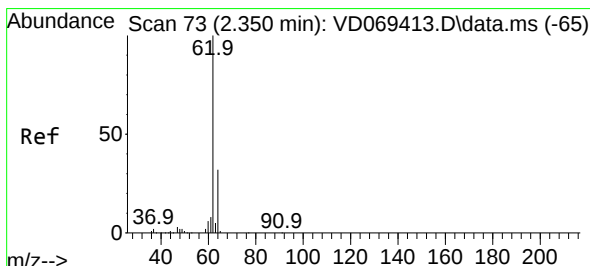
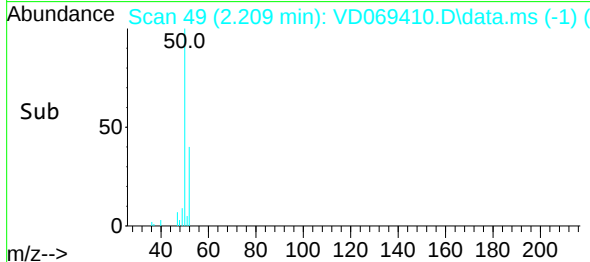
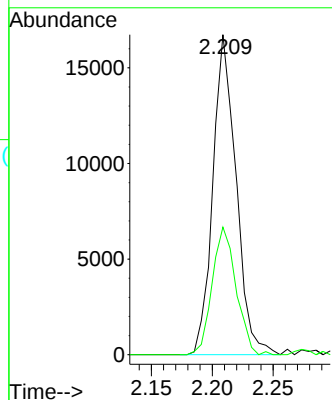
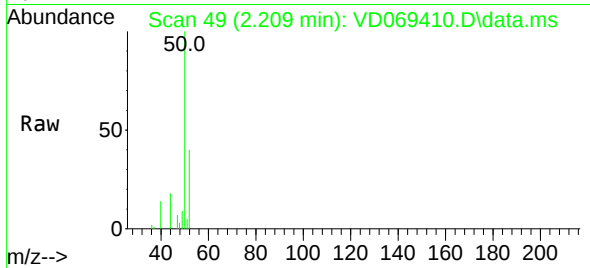
Tgt Ion: 85 Resp: 21318
Ion Ratio Lower Upper
85 100
87 32.4 15.9 47.7





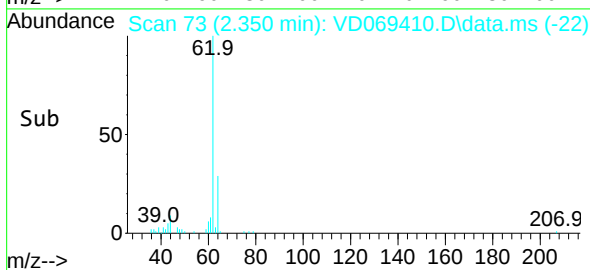
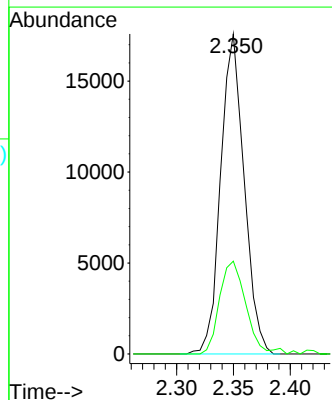
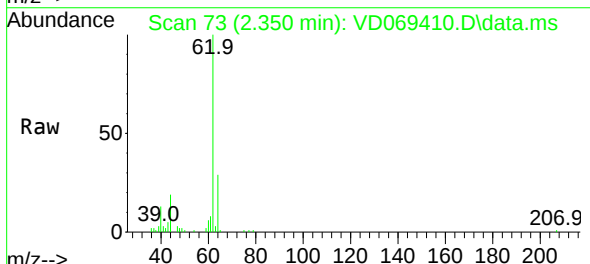
#3
Chloromethane
Concen: 6.039 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD069410.D
Acq: 11 Jun 2021 10:05

Tgt Ion: 50 Resp: 22154
Ion Ratio Lower Upper
50 100
52 39.8 26.7 40.1



#4
Vinyl Chloride
Concen: 5.780 ug/l
RT: 2.350 min Scan# 73
Delta R.T. -0.000 min
Lab File: VD069410.D
Acq: 11 Jun 2021 10:05

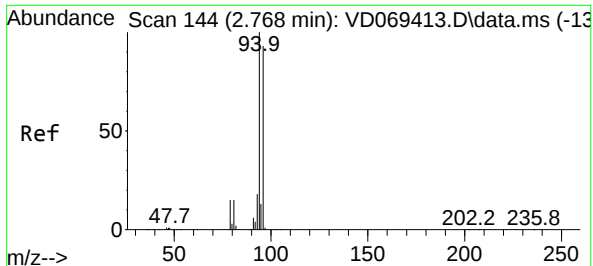
Tgt Ion: 62 Resp: 25292
Ion Ratio Lower Upper
62 100
64 29.0 26.2 39.4



Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

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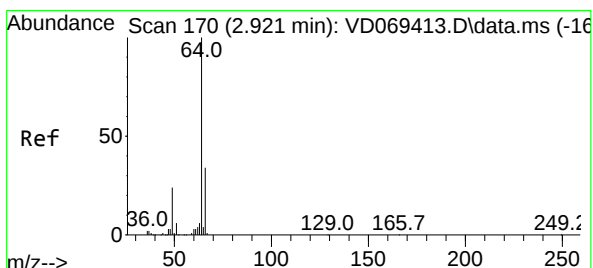
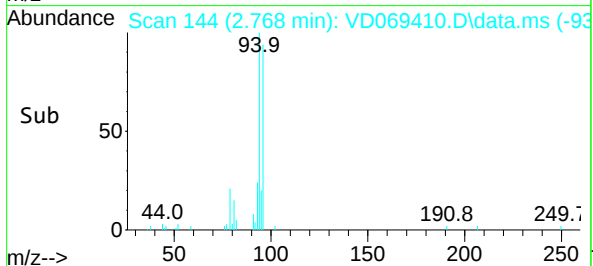
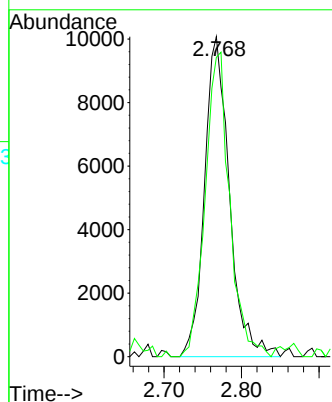
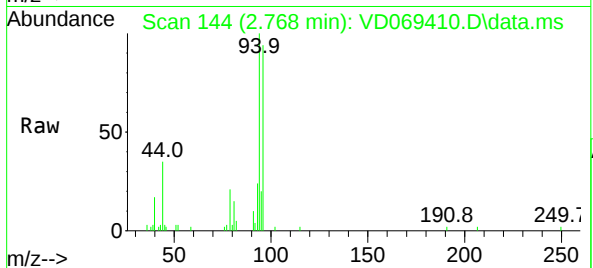
#5
Bromomethane
Concen: 6.286 ug/l
RT: 2.768 min Scan# 144
Delta R.T. -0.000 min
Lab File: VD069410.D
Acq: 11 Jun 2021 10:05

Tgt Ion: 94 Resp: 22526
Ion Ratio Lower Upper
94 100
96 93.5 70.3 105.5

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

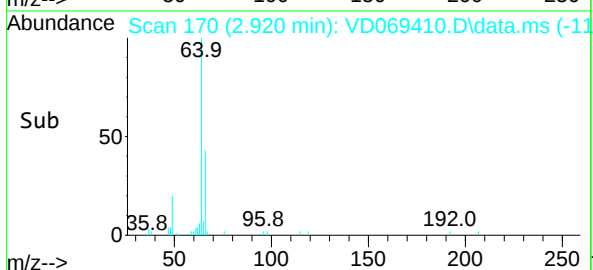
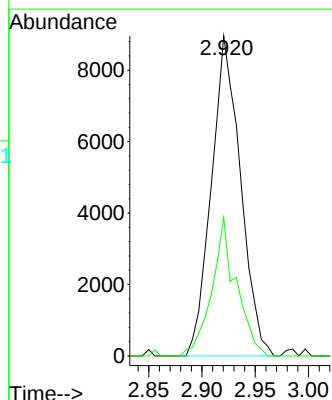
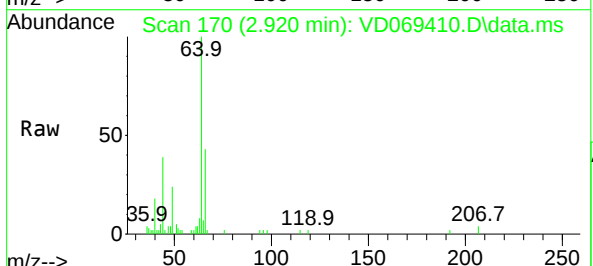
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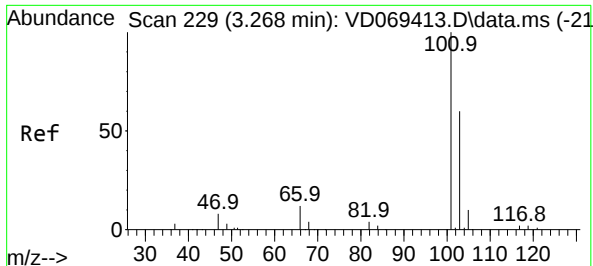
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#6
Chloroethane
Concen: 5.642 ug/l
RT: 2.920 min Scan# 170
Delta R.T. -0.000 min
Lab File: VD069410.D
Acq: 11 Jun 2021 10:05

Tgt Ion: 64 Resp: 17016
Ion Ratio Lower Upper
64 100
66 43.2 25.4 38.0#





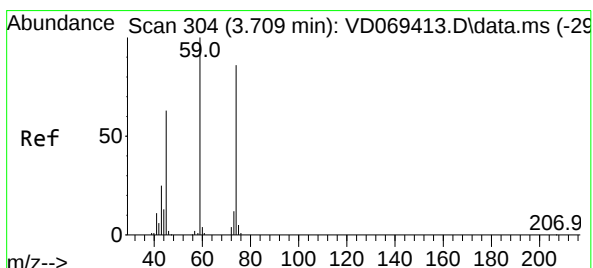
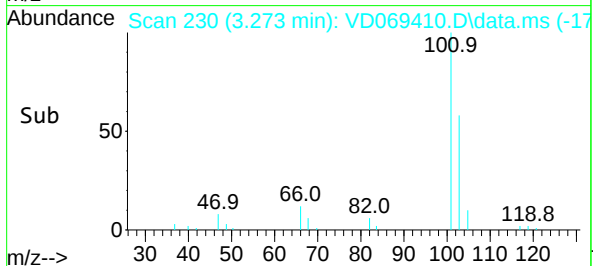
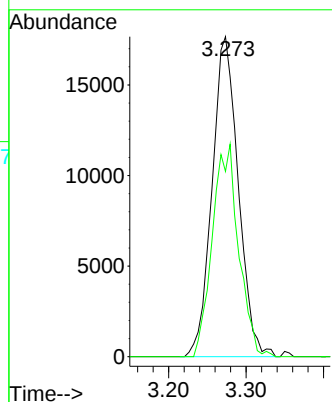
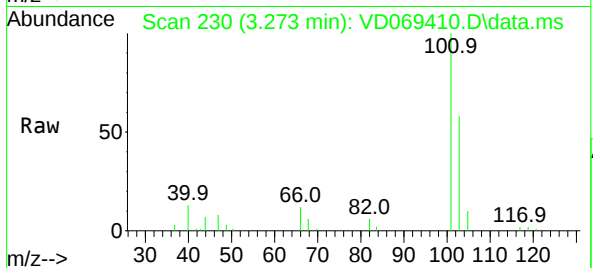
#7
Trichlorofluoromethane
Concen: 5.814 ug/l
RT: 3.273 min Scan# 230
Delta R.T. 0.006 min
Lab File: VD069410.D
Acq: 11 Jun 2021 10:05

Tgt Ion:101 Resp: 41458
Ion Ratio Lower Upper
101 100
103 57.9 51.0 76.4

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

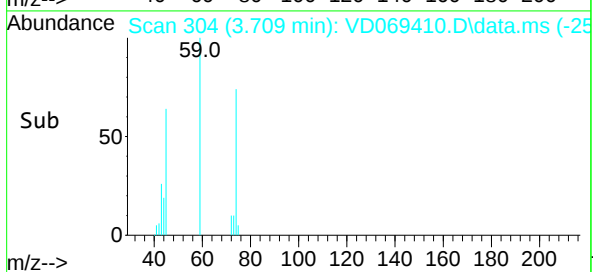
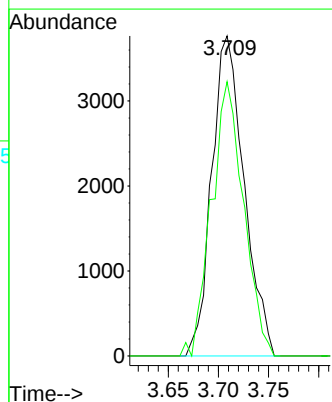
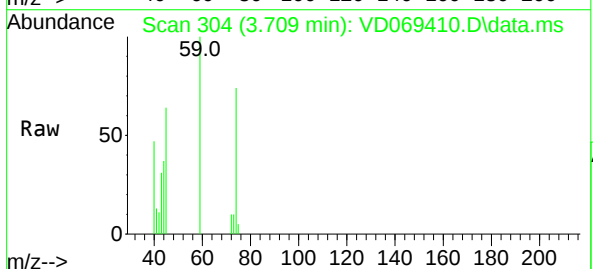
Manual Integrations
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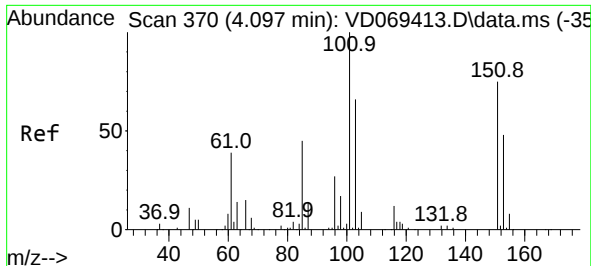
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#8
Diethyl Ether
Concen: 5.061 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.000 min
Lab File: VD069410.D
Acq: 11 Jun 2021 10:05

Tgt Ion: 74 Resp: 8469
Ion Ratio Lower Upper
74 100
45 84.8 42.4 127.3





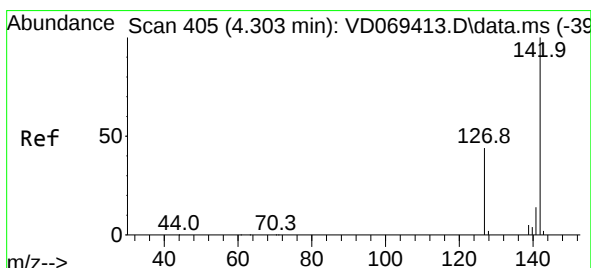
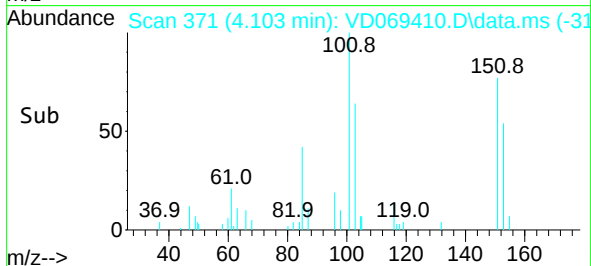
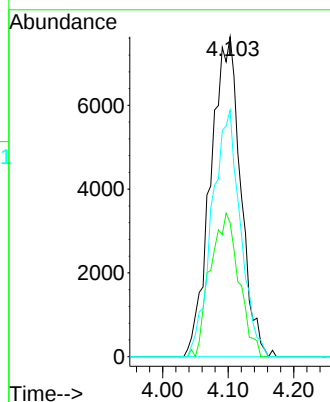
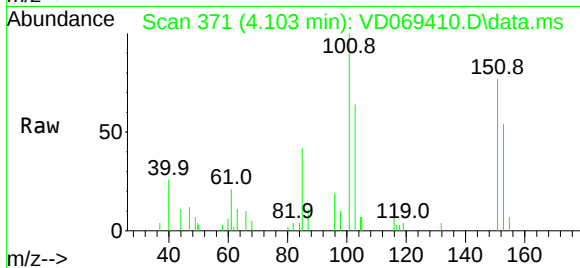
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.704 ug/l
RT: 4.103 min Scan# 371
Delta R.T. 0.006 min
Lab File: VD069410.D
Acq: 11 Jun 2021 10:05

Tgt Ion:101 Resp: 24270
Ion Ratio Lower Upper
101 100
85 42.7 35.1 52.7
151 72.7 60.2 90.2

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MSVOA_D
ClientSampleId :
VSTDIC005

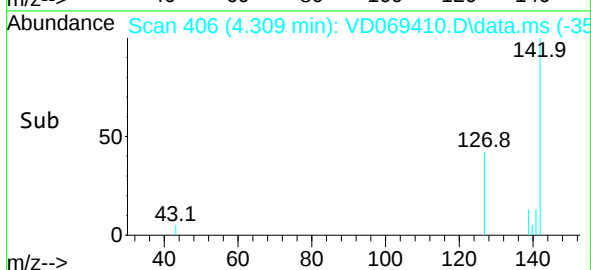
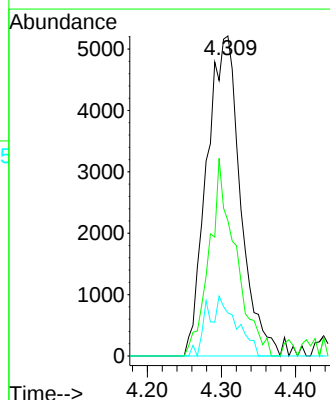
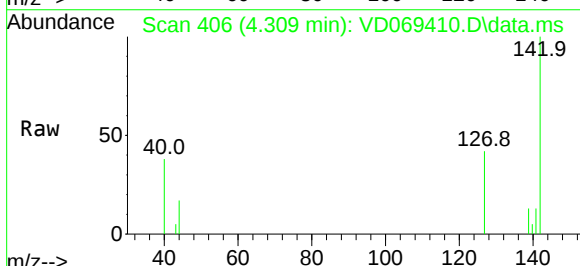
Manual Integrations
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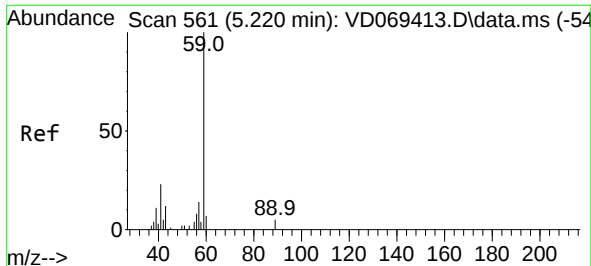
MMDadoda
6/14/2021 10:56:13 AM



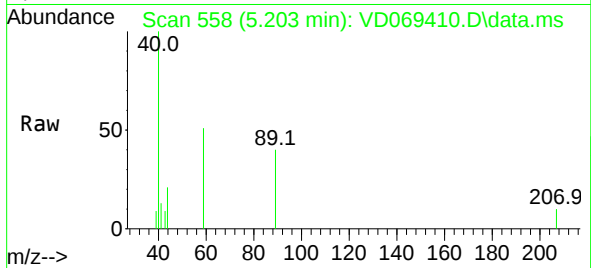
#10
Methyl Iodide
Concen: 4.812 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.006 min
Lab File: VD069410.D
Acq: 11 Jun 2021 10:05

Tgt Ion:142 Resp: 16470
Ion Ratio Lower Upper
142 100
127 48.1 36.2 54.2
141 10.6 12.2 18.2#

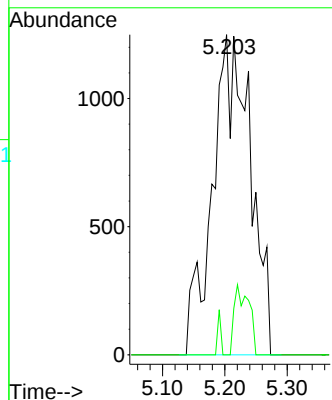




#11
Tert butyl alcohol
Concen: 24.986 ug/l m
RT: 5.203 min Scan# 558
Delta R.T. -0.018 min
Lab File: VD069410.D
Acq: 11 Jun 2021 10:05



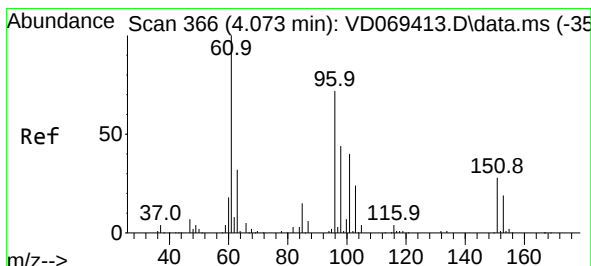
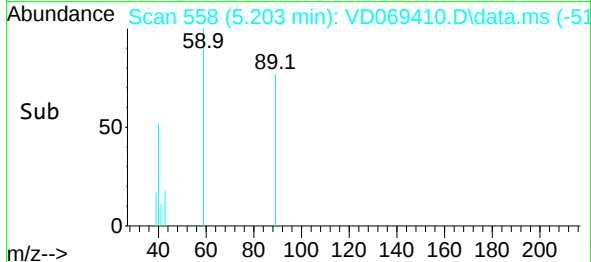
Tgt Ion: 59 Resp: 5302
Ion Ratio Lower Upper
59 100
57 8.4 7.8 11.8



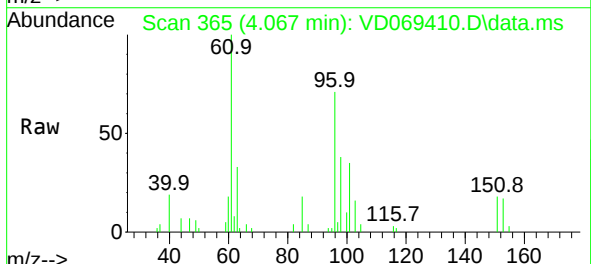
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Manual Integrations
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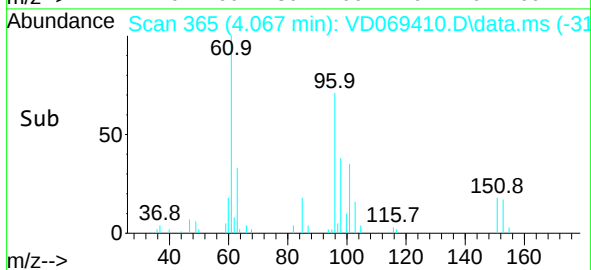
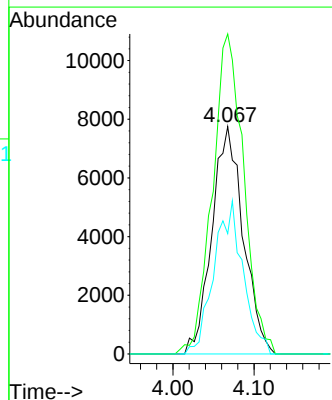
MMDadoda
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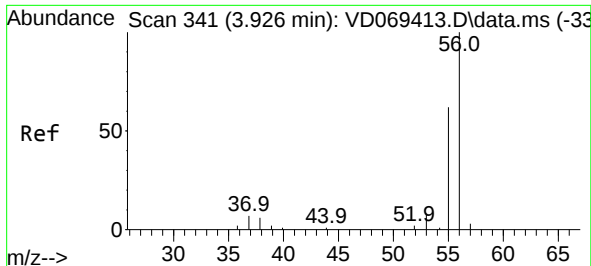


#12
1,1-Dichloroethene
Concen: 5.580 ug/l
RT: 4.067 min Scan# 365
Delta R.T. -0.006 min
Lab File: VD069410.D
Acq: 11 Jun 2021 10:05

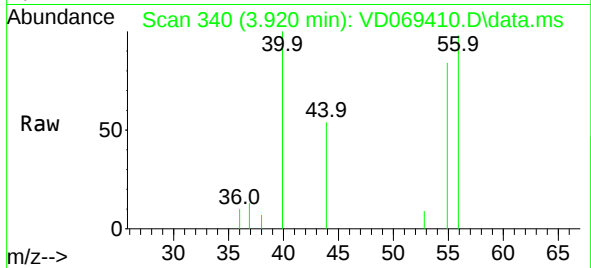


Tgt Ion: 96 Resp: 20779
Ion Ratio Lower Upper
96 100
61 140.8 116.5 174.7
98 53.0 50.8 76.2

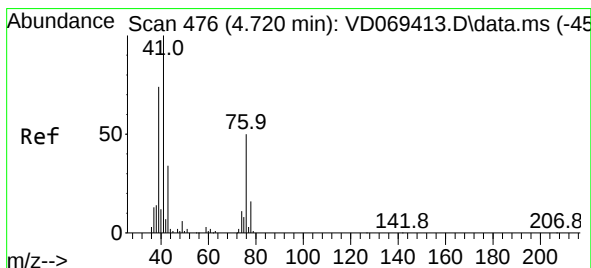
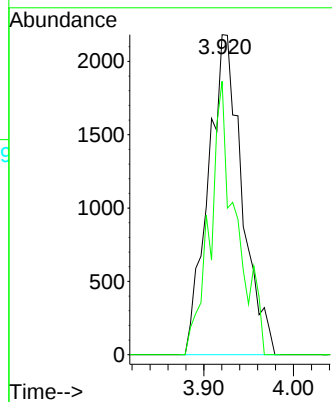
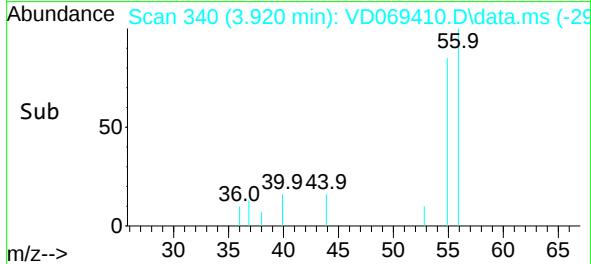




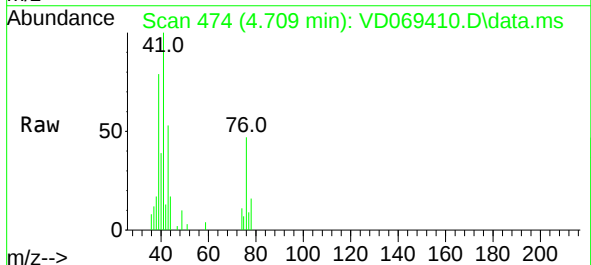
#13
Acrolein
Concen: 23.019 ug/l
RT: 3.920 min Scan# 340
Delta R.T. -0.006 min
Lab File: VD069410.D
Acq: 11 Jun 2021 10:05



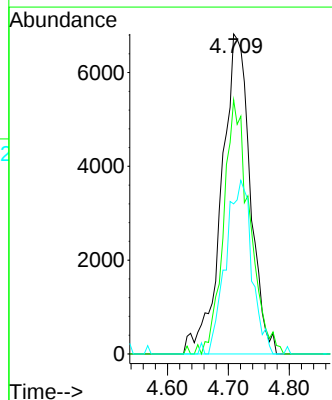
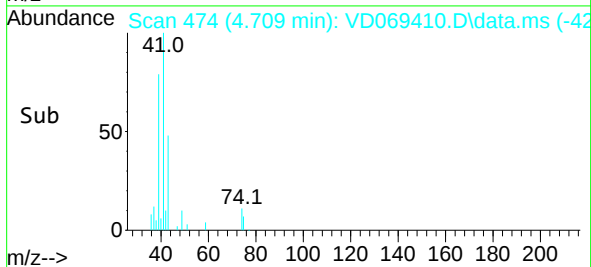
Tgt Ion: 56 Resp: 5704
Ion Ratio Lower Upper
56 100
55 66.4 53.8 80.8



#14
Allyl chloride
Concen: 5.273 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.012 min
Lab File: VD069410.D
Acq: 11 Jun 2021 10:05



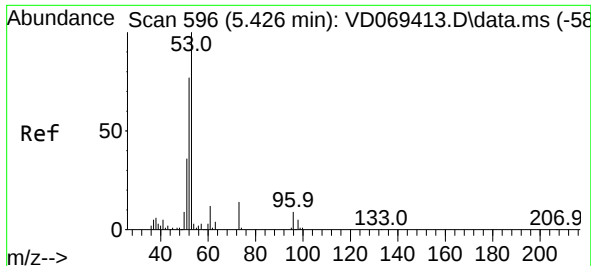
Tgt Ion: 41 Resp: 22290
Ion Ratio Lower Upper
41 100
39 72.2 56.1 84.1
76 49.2 37.9 56.9



Instrument :
MSVOA_D
ClientSampleId :
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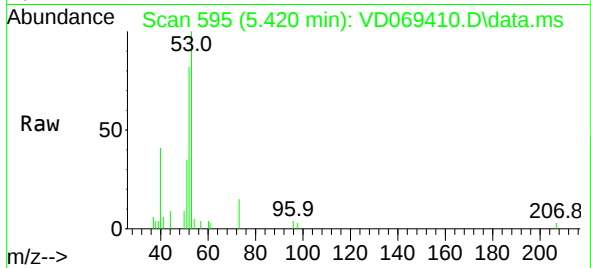
Manual Integrations
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#15
Acrylonitrile
Concen: 25.895 ug/l
RT: 5.420 min Scan# 595
Delta R.T. -0.006 min
Lab File: VD069410.D
Acq: 11 Jun 2021 10:05

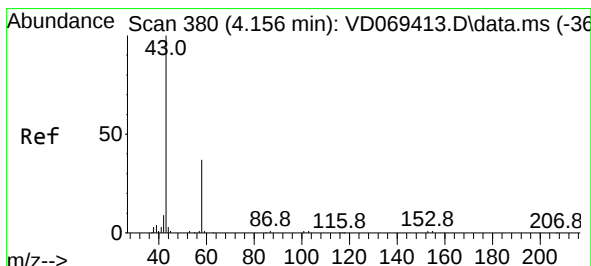
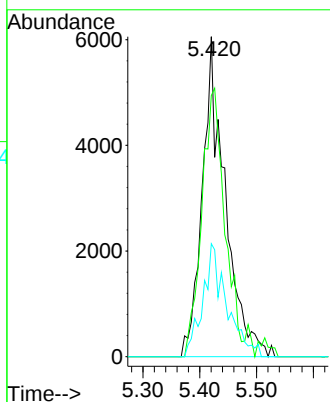
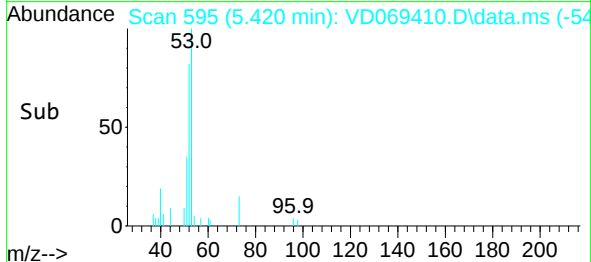
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



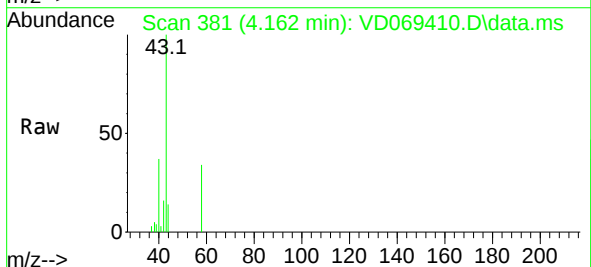
Tgt Ion: 53 Resp: 16859
Ion Ratio Lower Upper
53 100
52 84.0 64.5 96.7
51 36.9 28.6 43.0

Manual Integrations
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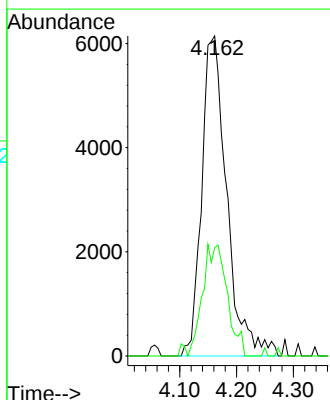
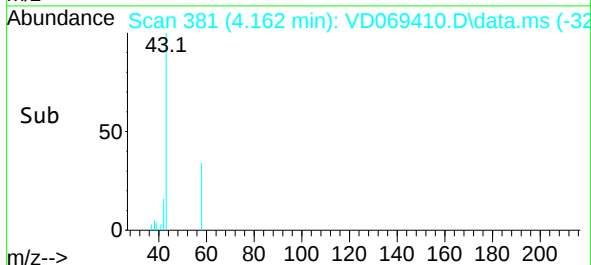
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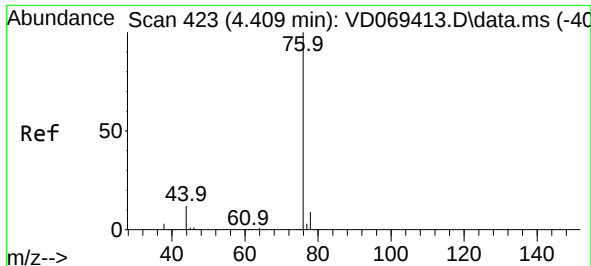


#16
Acetone
Concen: 27.753 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD069410.D
Acq: 11 Jun 2021 10:05

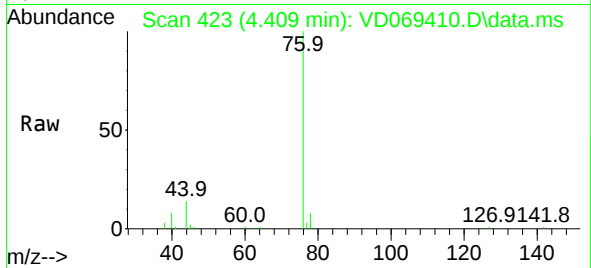


Tgt Ion: 43 Resp: 18833
Ion Ratio Lower Upper
43 100
58 33.9 27.5 41.3

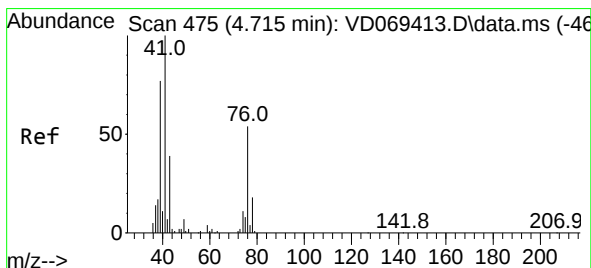
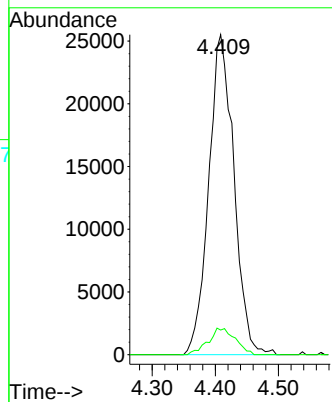
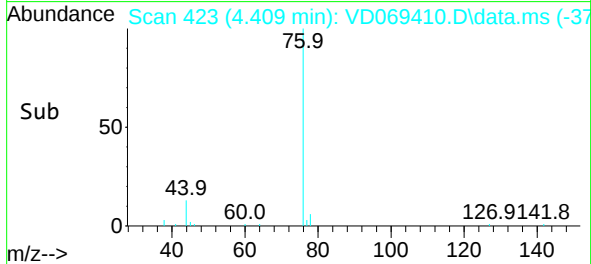




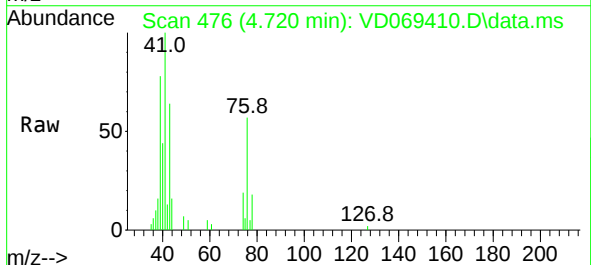
#17
Carbon Disulfide
Concen: 5.828 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.000 min
Lab File: VD069410.D
Acq: 11 Jun 2021 10:05



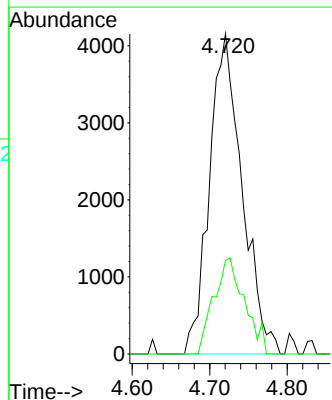
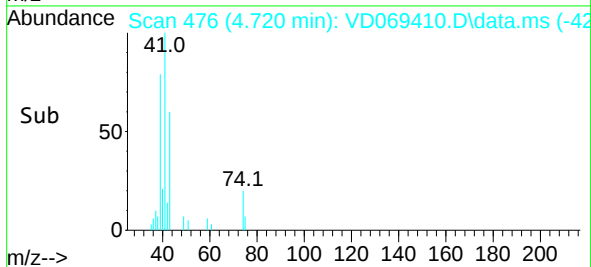
Tgt Ion: 76 Resp: 70638
Ion Ratio Lower Upper
76 100
78 7.7 7.4 11.0



#18
Methyl Acetate
Concen: 6.415 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.006 min
Lab File: VD069410.D
Acq: 11 Jun 2021 10:05



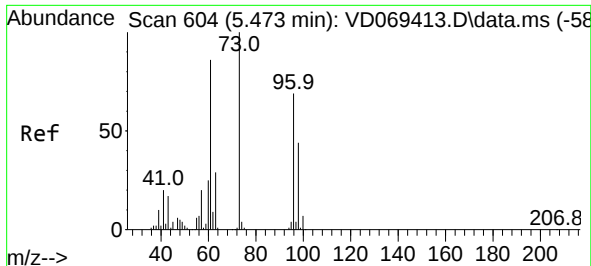
Tgt Ion: 43 Resp: 12187
Ion Ratio Lower Upper
43 100
74 28.1 22.8 34.2



Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

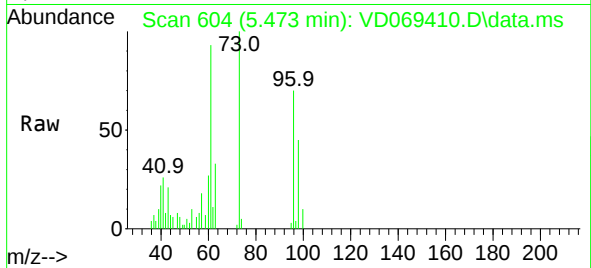
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#19
Methyl tert-butyl Ether
Concen: 4.921 ug/l
RT: 5.473 min Scan# 604
Delta R.T. -0.000 min
Lab File: VD069410.D
Acq: 11 Jun 2021 10:05

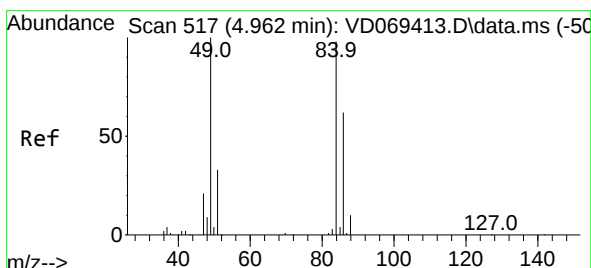
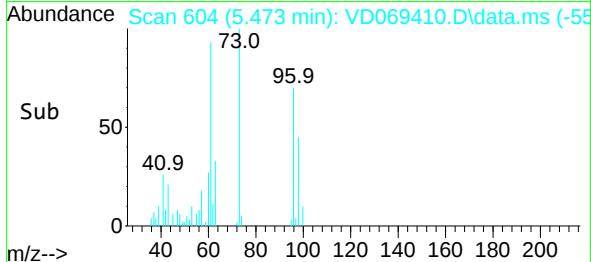
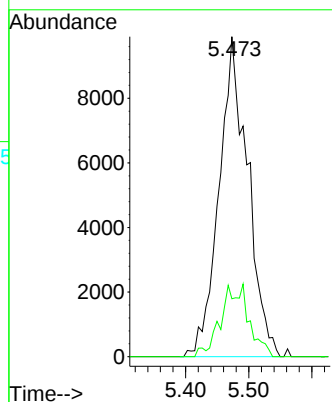
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



Tgt Ion: 73 Resp: 31341
Ion Ratio Lower Upper
73 100
57 18.1 15.7 23.5

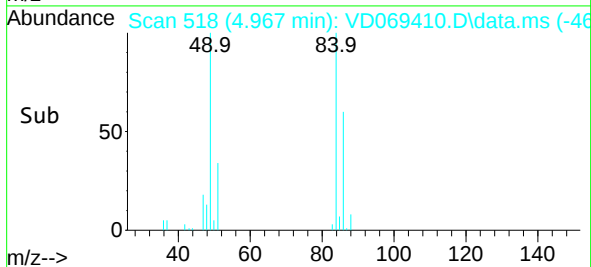
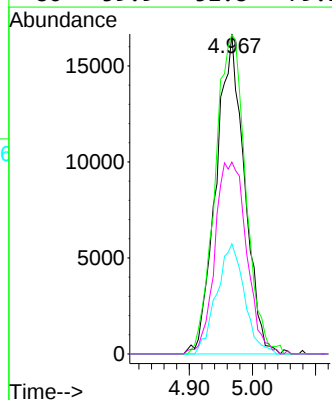
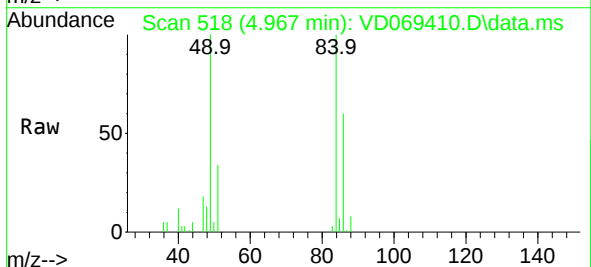
Manual Integrations
APPROVED

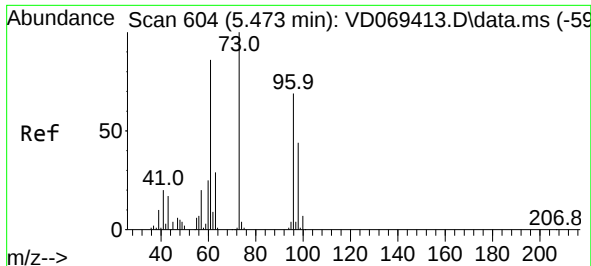
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#20
Methylene Chloride
Concen: 7.409 ug/l
RT: 4.967 min Scan# 518
Delta R.T. 0.006 min
Lab File: VD069410.D
Acq: 11 Jun 2021 10:05

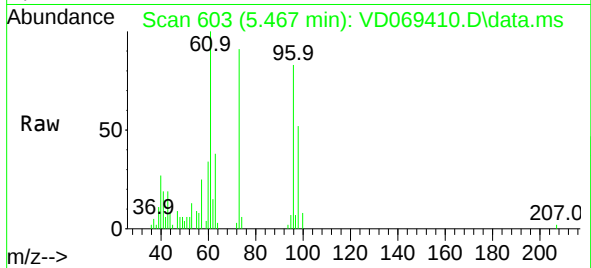
Tgt Ion: 84 Resp: 51865
Ion Ratio Lower Upper
84 100
49 99.8 83.7 125.5
51 34.4 26.4 39.6
86 59.9 52.8 79.2





#21
trans-1,2-Dichloroethene
Concen: 5.412 ug/l
RT: 5.467 min Scan# 603
Delta R.T. -0.006 min
Lab File: VD069410.D
Acq: 11 Jun 2021 10:05

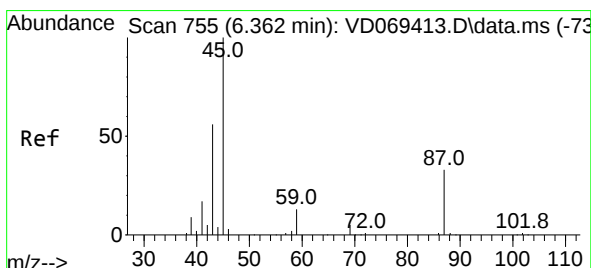
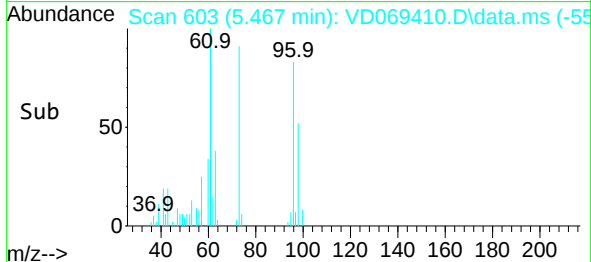
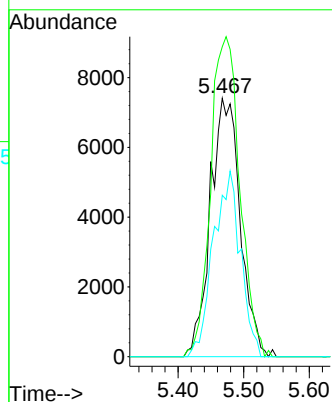
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



Tgt Ion	Ratio	Lower	Upper
96	100		
61	119.9	98.8	148.2
98	62.4	51.4	77.2

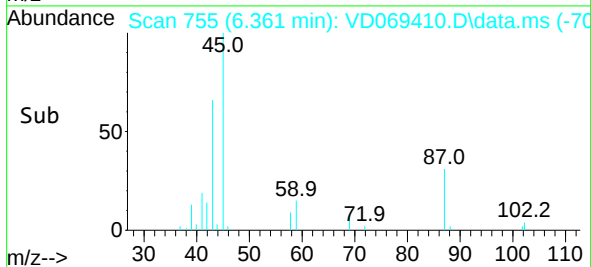
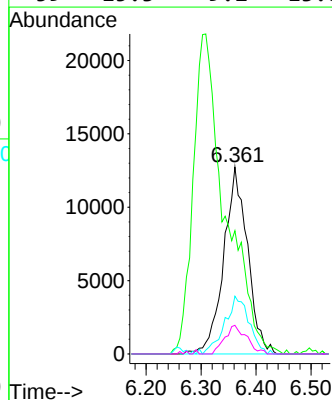
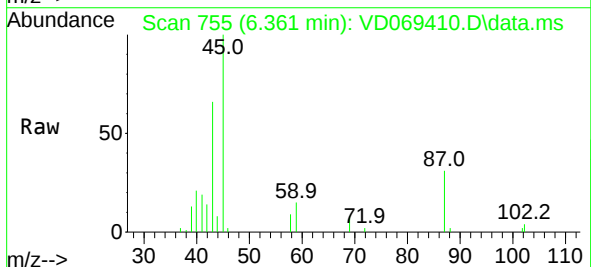
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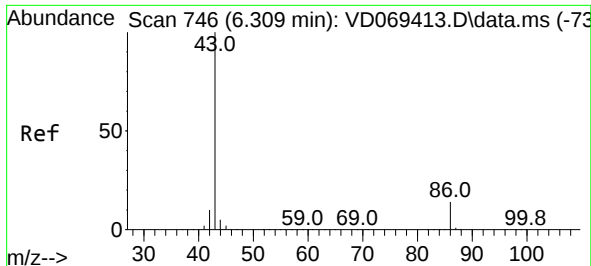
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#22
Diisopropyl ether
Concen: 4.577 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.000 min
Lab File: VD069410.D
Acq: 11 Jun 2021 10:05

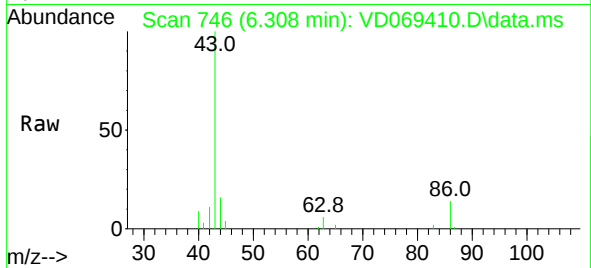
Tgt Ion	Ratio	Lower	Upper
45	100		
43	64.8	38.7	58.1#
87	30.9	25.6	38.4
59	15.3	9.2	13.8#





#23
 Vinyl Acetate
 Concen: 20.396 ug/l
 RT: 6.308 min Scan# 746
 Delta R.T. -0.000 min
 Lab File: VD069410.D
 Acq: 11 Jun 2021 10:05

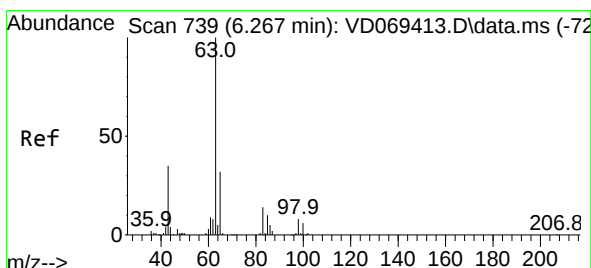
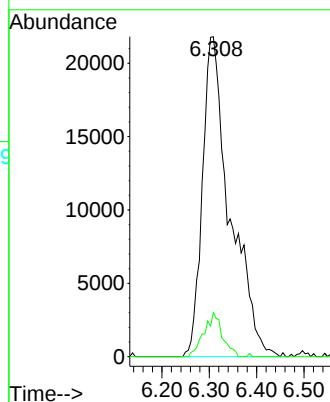
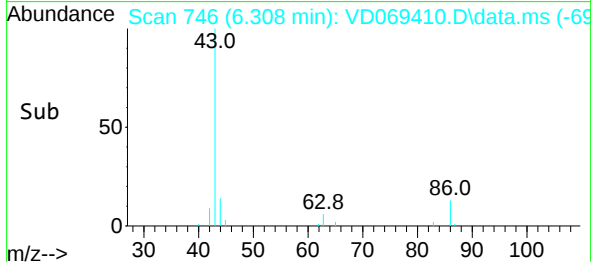
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005



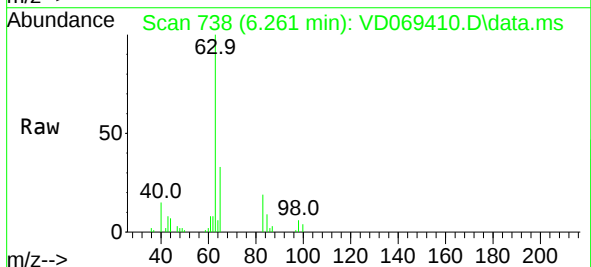
Tgt Ion: 43 Resp: 88155
 Ion Ratio Lower Upper
 43 100
 86 13.8 10.5 15.7

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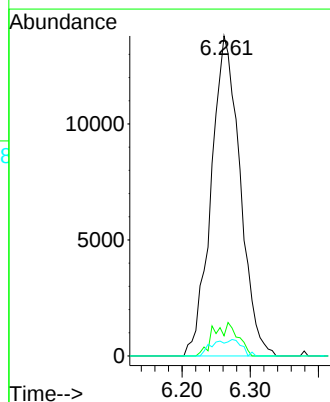
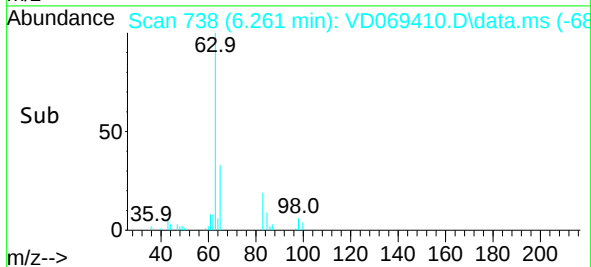
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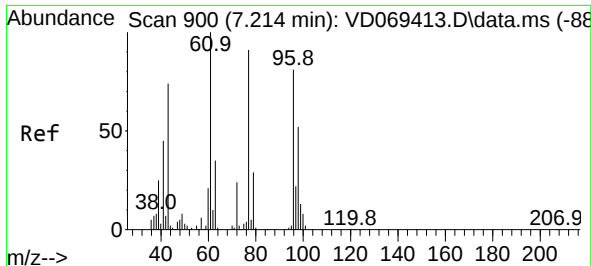


#24
 1,1-Dichloroethane
 Concen: 5.528 ug/l
 RT: 6.261 min Scan# 738
 Delta R.T. -0.006 min
 Lab File: VD069410.D
 Acq: 11 Jun 2021 10:05



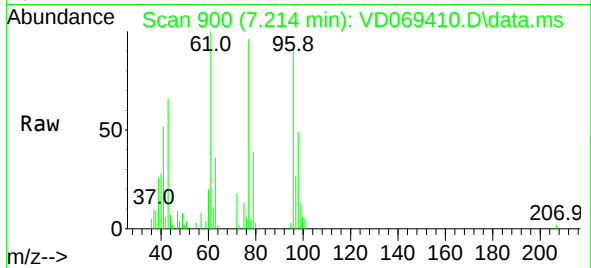
Tgt Ion: 63 Resp: 40679
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.8 11.4
 100 4.0 2.6 7.8





#25
2-Butanone
Concen: 24.726 ug/l
RT: 7.214 min Scan# 900
Delta R.T. -0.000 min
Lab File: VD069410.D
Acq: 11 Jun 2021 10:05

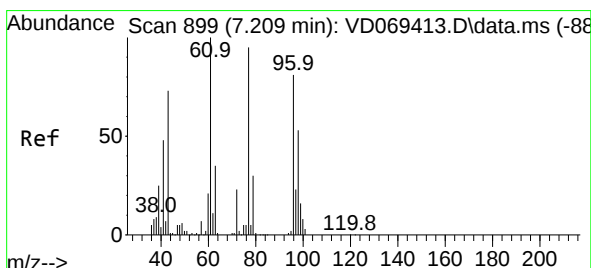
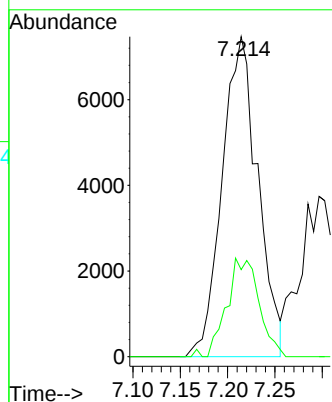
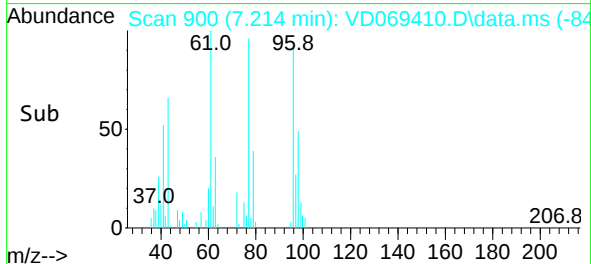
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



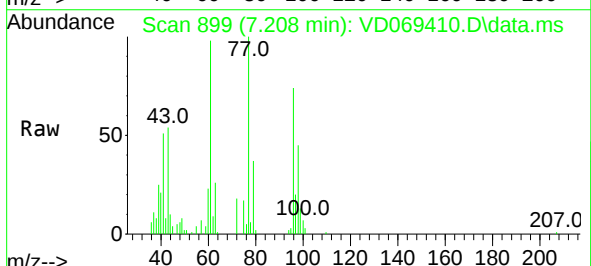
Tgt Ion: 43 Resp: 19540
Ion Ratio Lower Upper
43 100
72 27.2 23.9 35.9

Manual Integrations
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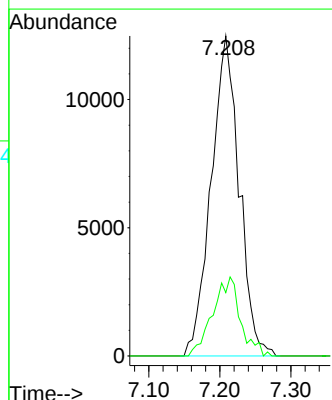
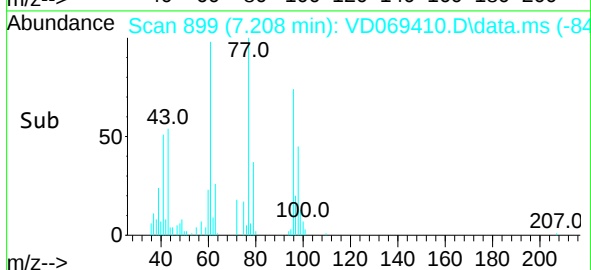
MMDadoda
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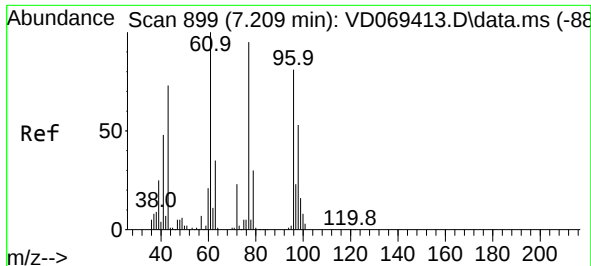


#26
2,2-Dichloropropane
Concen: 5.289 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.000 min
Lab File: VD069410.D
Acq: 11 Jun 2021 10:05



Tgt Ion: 77 Resp: 34203
Ion Ratio Lower Upper
77 100
97 24.3 12.1 36.3





#27

cis-1,2-Dichloroethene

Concen: 5.375 ug/l

RT: 7.214 min Scan# 900

Delta R.T. 0.006 min

Lab File: VD069410.D

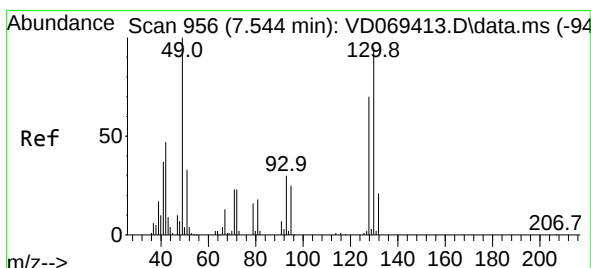
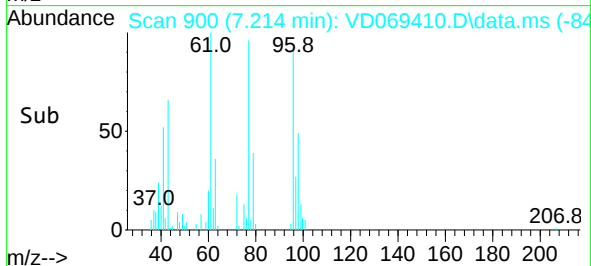
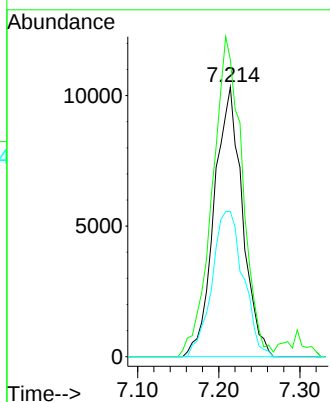
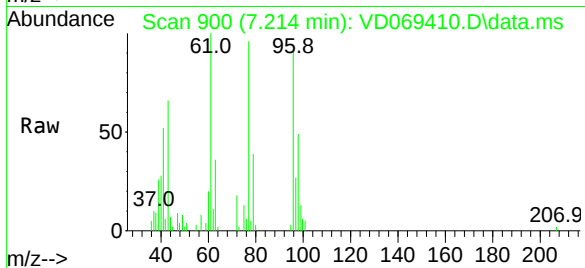
Acq: 11 Jun 2021 10:05

Tgt Ion:	96	Resp:	24954
Ion	Ratio	Lower	Upper
96	100		
61	126.1	0.0	265.6
98	60.0	0.0	129.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Manual Integrations
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6/14/2021 10:56:13 AM



#28

Bromochloromethane

Concen: 5.321 ug/l

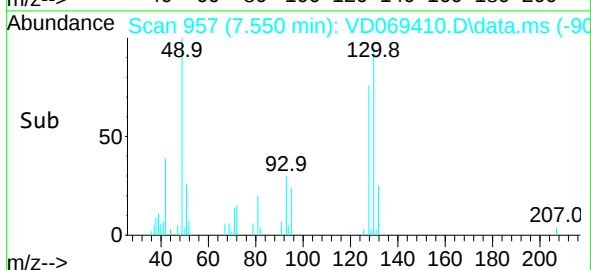
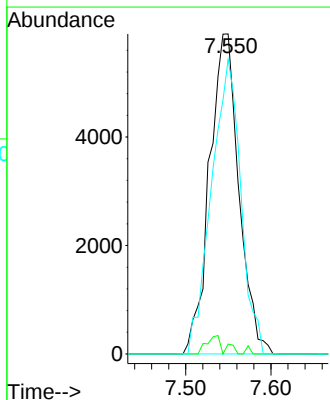
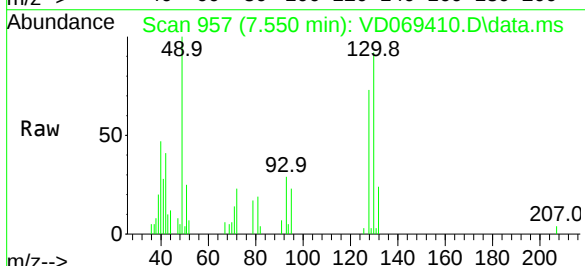
RT: 7.550 min Scan# 957

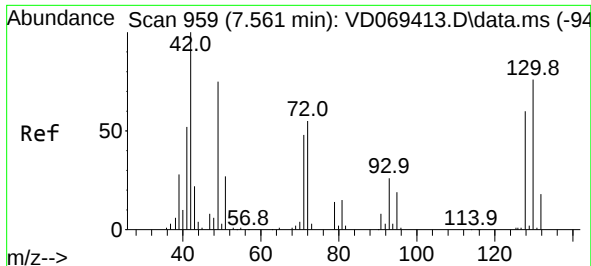
Delta R.T. 0.006 min

Lab File: VD069410.D

Acq: 11 Jun 2021 10:05

Tgt Ion:	49	Resp:	14133
Ion	Ratio	Lower	Upper
49	100		
129	3.4	0.0	4.6
130	91.6	72.0	108.0





#29

Tetrahydrofuran

Concen: 24.582 ug/l

RT: 7.561 min Scan# 959

Delta R.T. -0.000 min

Lab File: VD069410.D

Acq: 11 Jun 2021 10:05

Tgt Ion:	42	Resp:	10669
Ion	Ratio	Lower	Upper
42	100		
72	42.1	41.0	61.6
71	44.7	38.9	58.3

Instrument :

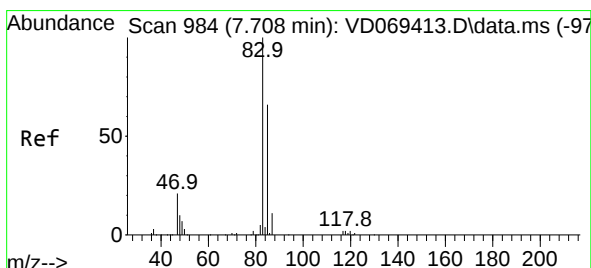
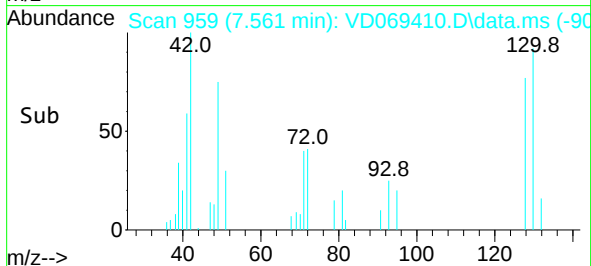
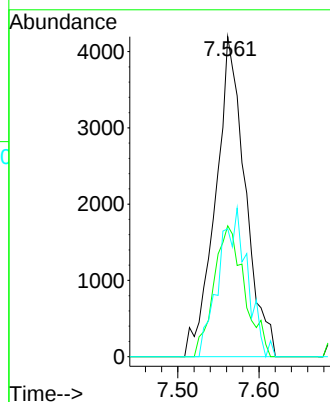
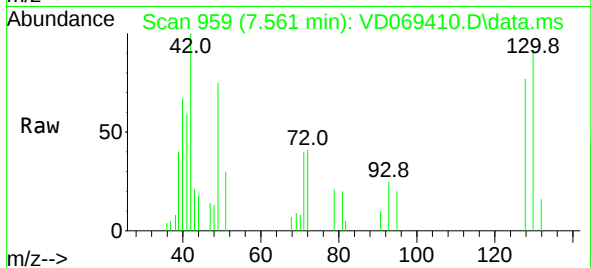
MSVOA_D

ClientSampleId :

VSTDIC005

Manual Integrations
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#30

Chloroform

Concen: 5.763 ug/l

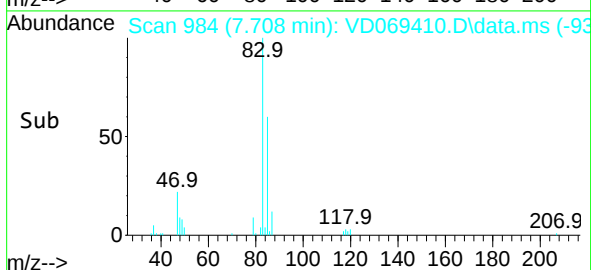
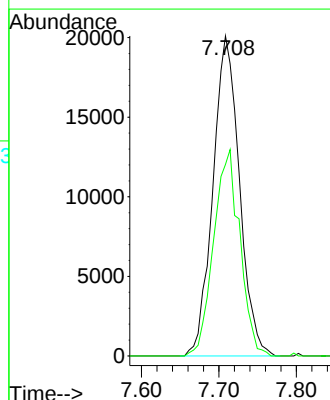
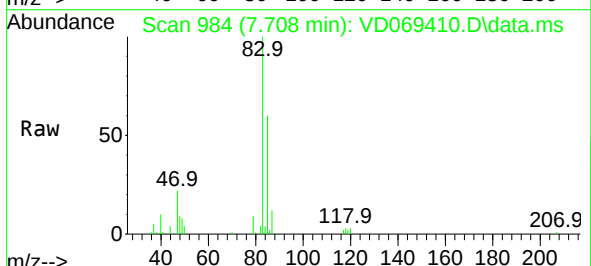
RT: 7.708 min Scan# 984

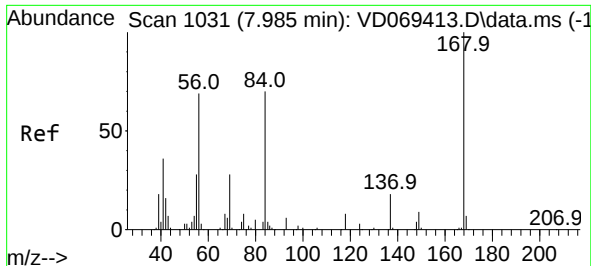
Delta R.T. -0.000 min

Lab File: VD069410.D

Acq: 11 Jun 2021 10:05

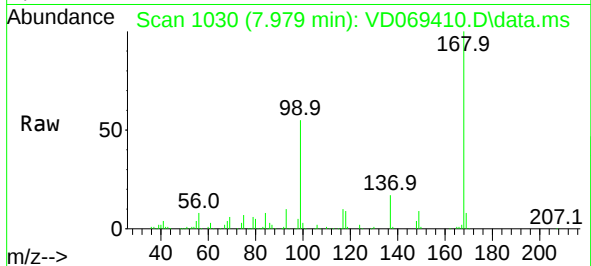
Tgt Ion:	83	Resp:	47847
Ion	Ratio	Lower	Upper
83	100		
85	59.9	52.6	78.8





#31
Cyclohexane
Concen: 5.795 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069410.D
Acq: 11 Jun 2021 10:05

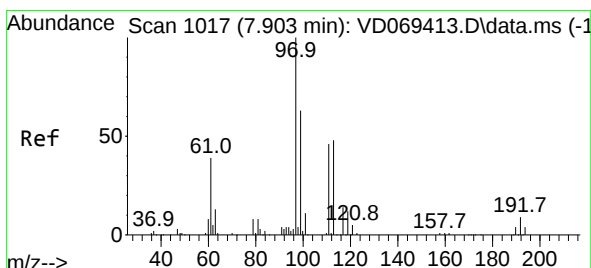
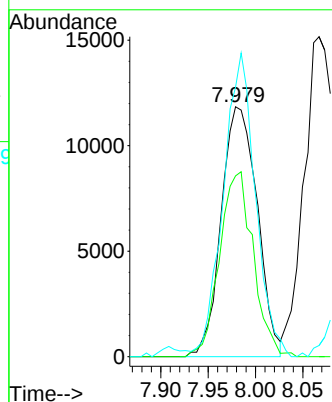
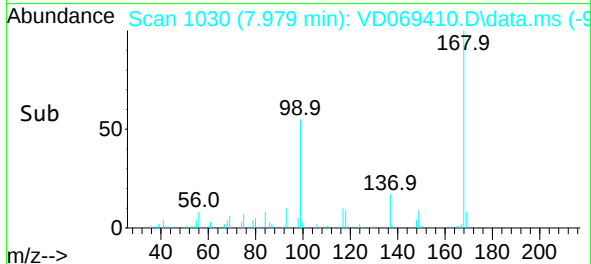
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



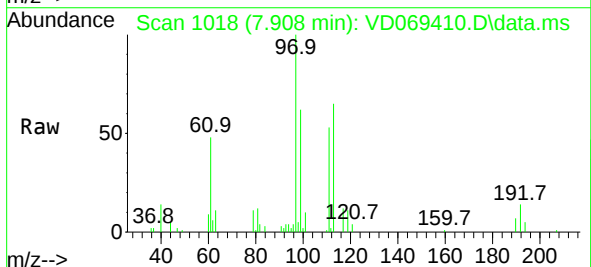
Tgt Ion: 56 Resp: 31347
Ion Ratio Lower Upper
56 100
69 72.3 29.0 43.4#
84 105.5 81.1 121.7

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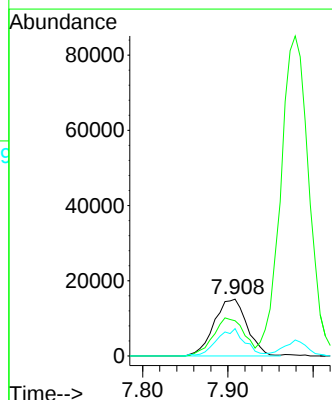
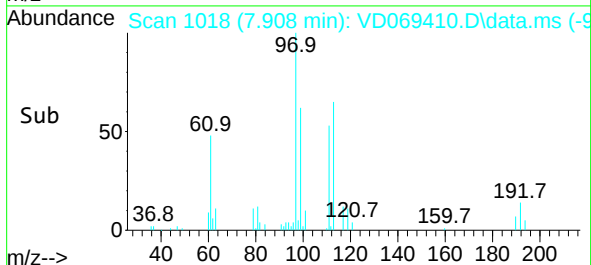
MMDadoda
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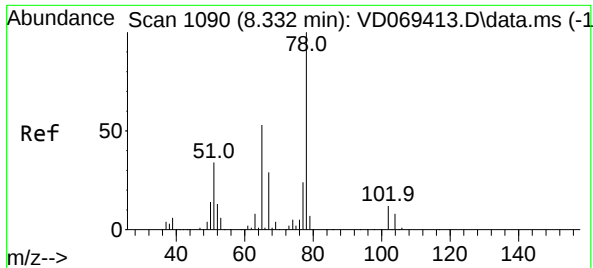


#32
1,1,1-Trichloroethane
Concen: 5.576 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. 0.006 min
Lab File: VD069410.D
Acq: 11 Jun 2021 10:05



Tgt Ion: 97 Resp: 40432
Ion Ratio Lower Upper
97 100
99 63.2 51.9 77.9
61 41.3 31.8 47.6





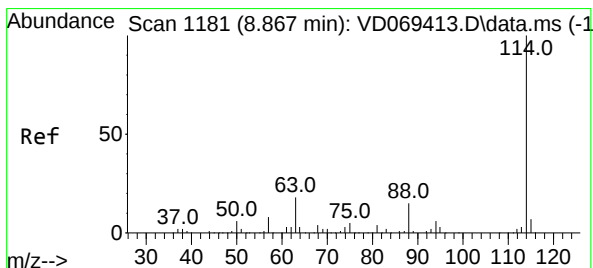
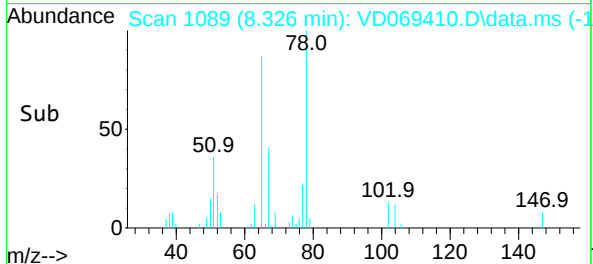
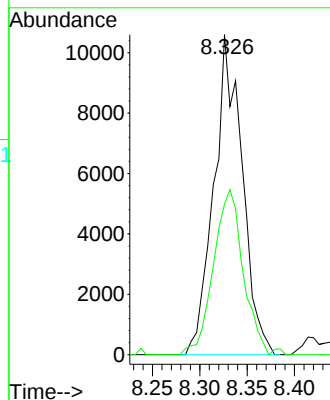
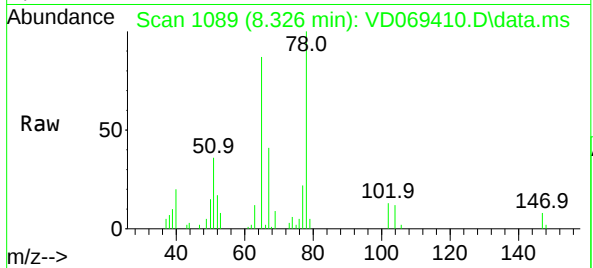
#33
1,2-Dichloroethane-d4
Concen: 5.492 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD069410.D
Acq: 11 Jun 2021 10:05

Tgt Ion: 65 Resp: 22018
Ion Ratio Lower Upper
65 100
67 54.5 0.0 105.8

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

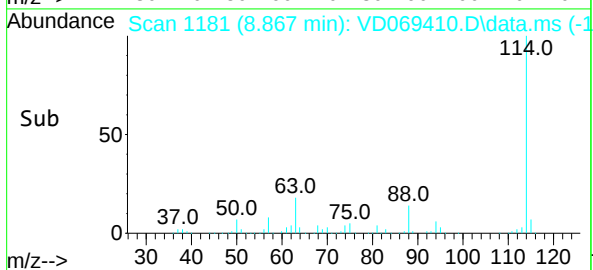
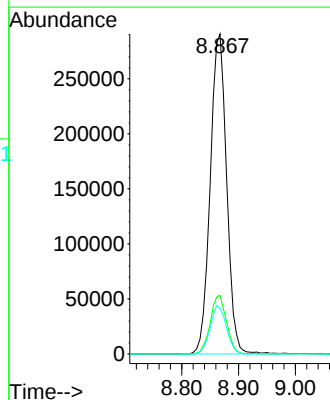
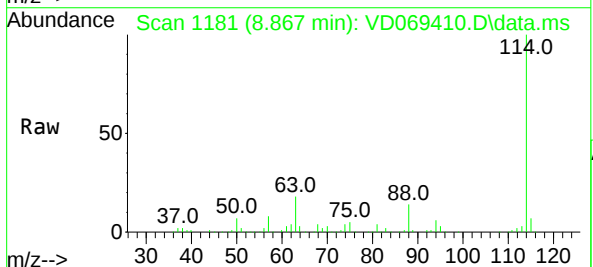
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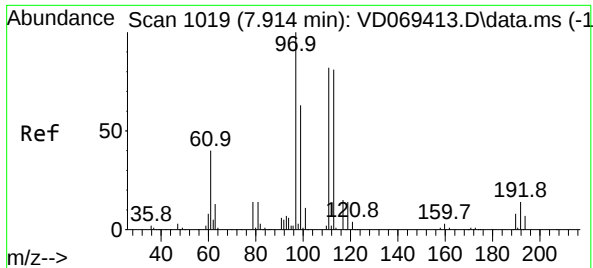
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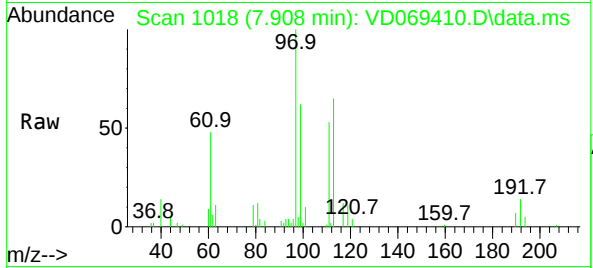
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VD069410.D
Acq: 11 Jun 2021 10:05

Tgt Ion: 114 Resp: 581462
Ion Ratio Lower Upper
114 100
63 18.3 0.0 35.6
88 14.2 0.0 31.2

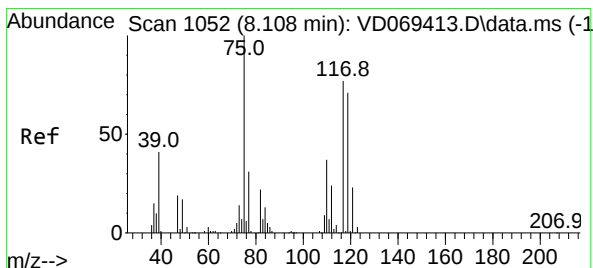
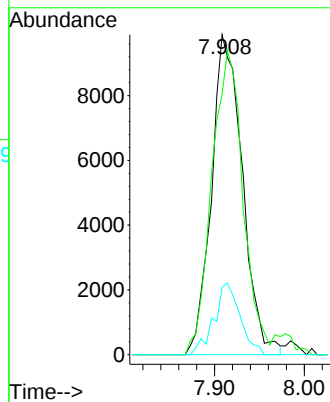
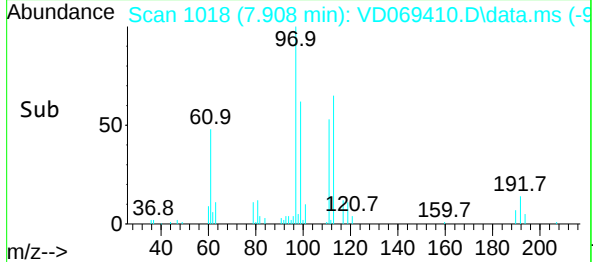




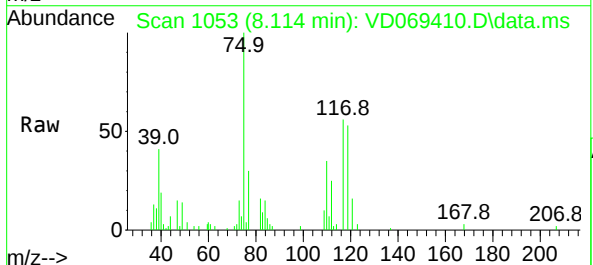
#35
Dibromofluoromethane
Concen: 5.402 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD069410.D
Acq: 11 Jun 2021 10:05



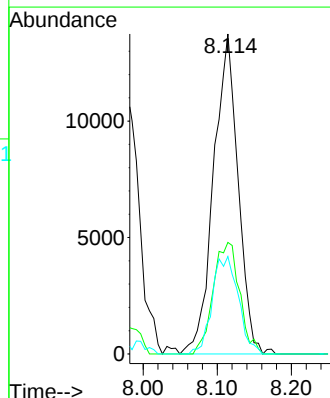
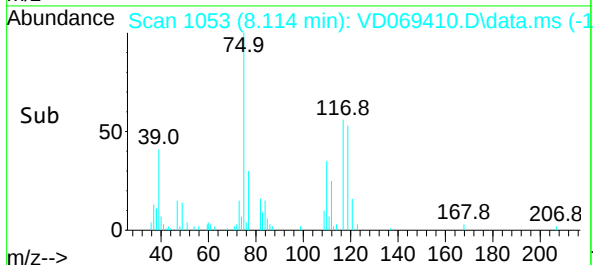
Tgt Ion: 113 Resp: 23583
Ion Ratio Lower Upper
113 100
111 96.0 83.0 124.6
192 18.9 15.1 22.7



#36
1,1-Dichloropropene
Concen: 5.281 ug/l
RT: 8.114 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VD069410.D
Acq: 11 Jun 2021 10:05



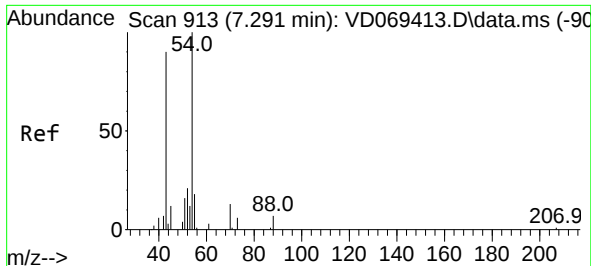
Tgt Ion: 75 Resp: 31651
Ion Ratio Lower Upper
75 100
110 37.3 18.4 55.2
77 32.4 24.9 37.3



Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

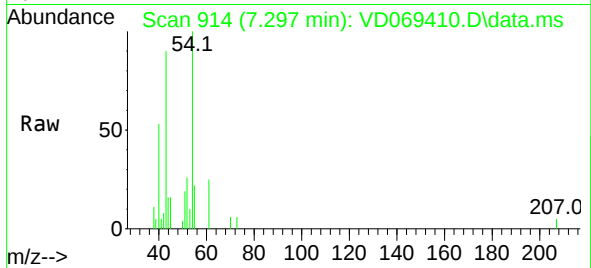
Manual Integrations
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#37
Ethyl Acetate
Concen: 5.233 ug/l
RT: 7.297 min Scan# 914
Delta R.T. 0.006 min
Lab File: VD069410.D
Acq: 11 Jun 2021 10:05

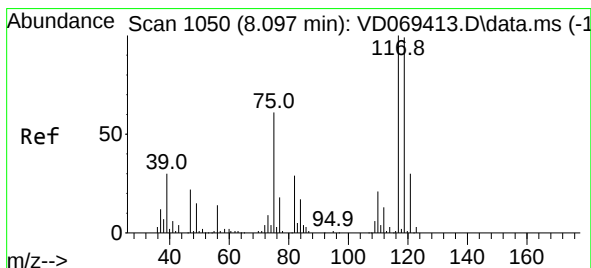
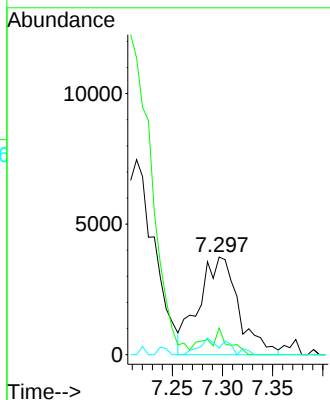
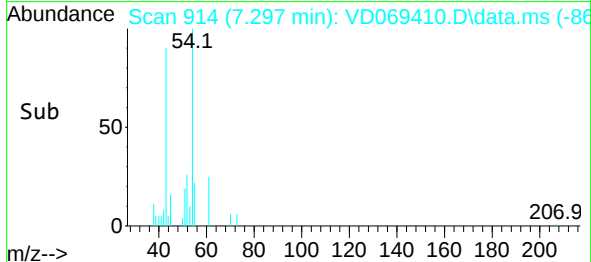
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 10297
Ion Ratio Lower Upper
43 100
61 14.7 11.0 16.6
70 7.1 9.7 14.5#

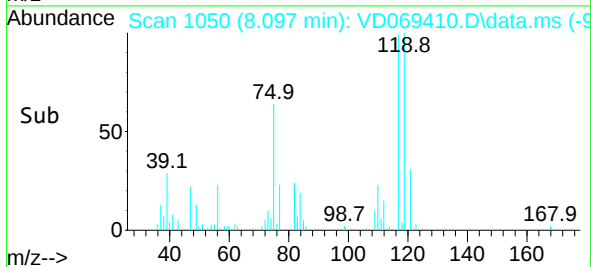
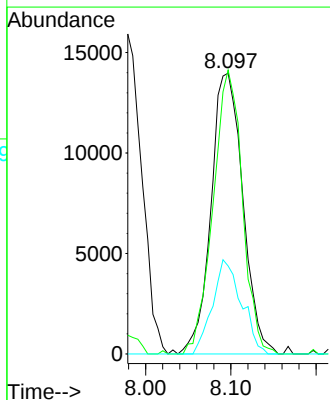
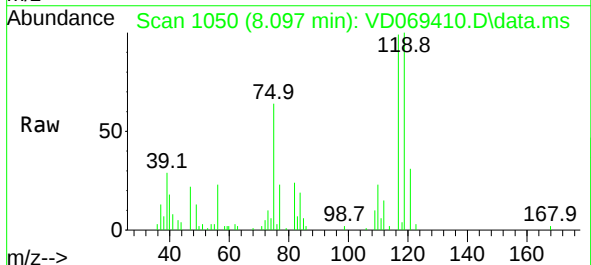
Manual Integrations
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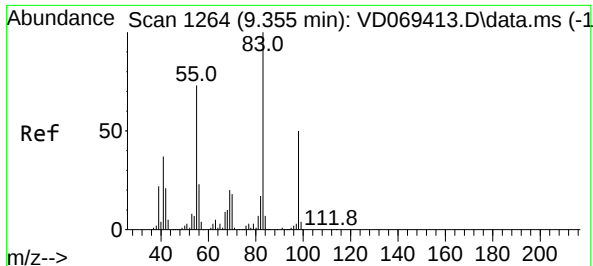
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#38
Carbon Tetrachloride
Concen: 5.472 ug/l
RT: 8.097 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VD069410.D
Acq: 11 Jun 2021 10:05

Tgt Ion: 117 Resp: 36306
Ion Ratio Lower Upper
117 100
119 101.1 79.4 119.2
121 31.4 26.1 39.1





#39

Methylcyclohexane

Concen: 5.338 ug/l

RT: 9.355 min Scan# 1264

Delta R.T. -0.000 min

Lab File: VD069410.D

Acq: 11 Jun 2021 10:05

Tgt Ion:	83	Resp:	30431
Ion	Ratio	Lower	Upper
83	100		
55	57.7	57.4	86.2
98	45.8	42.2	63.2

Instrument :

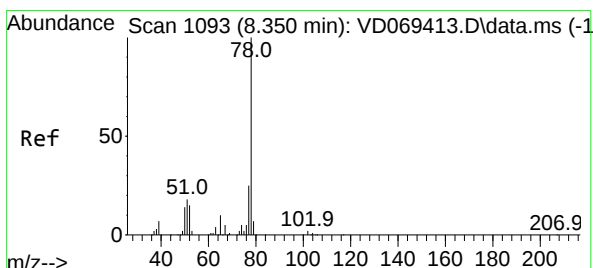
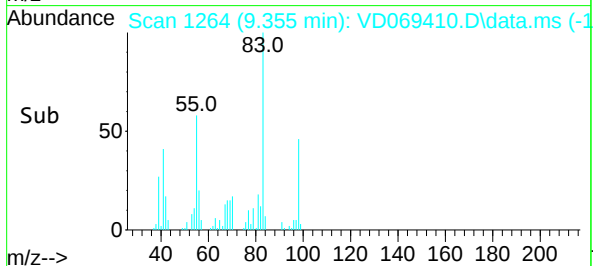
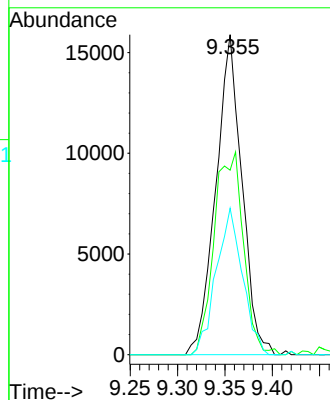
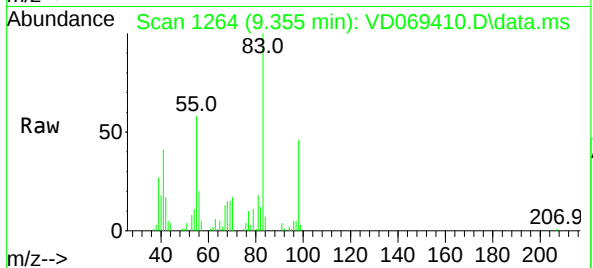
MSVOA_D

ClientSampleId :

VSTDIC005

Manual Integrations
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#40

Benzene

Concen: 5.391 ug/l

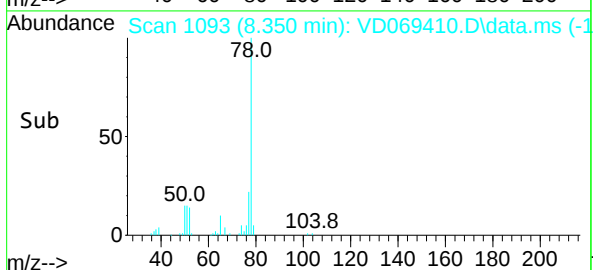
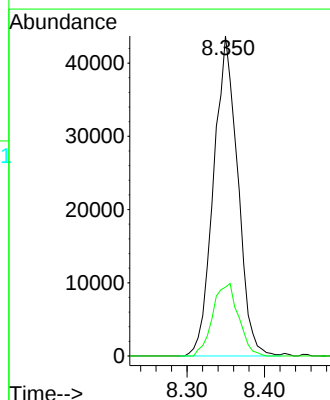
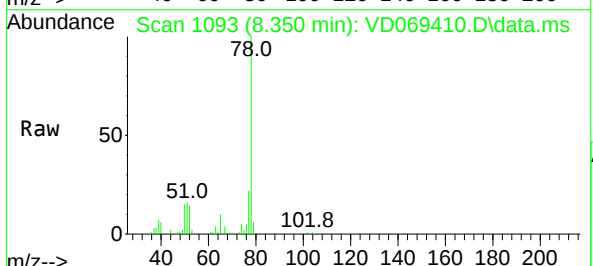
RT: 8.350 min Scan# 1093

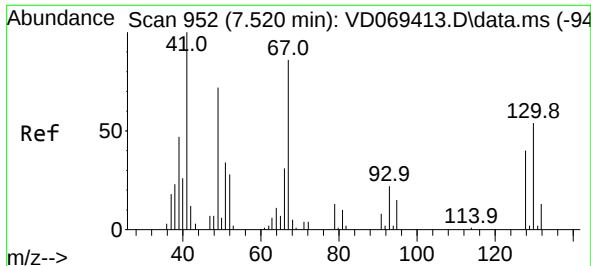
Delta R.T. -0.000 min

Lab File: VD069410.D

Acq: 11 Jun 2021 10:05

Tgt Ion:	78	Resp:	94733
Ion	Ratio	Lower	Upper
78	100		
77	21.5	18.7	28.1





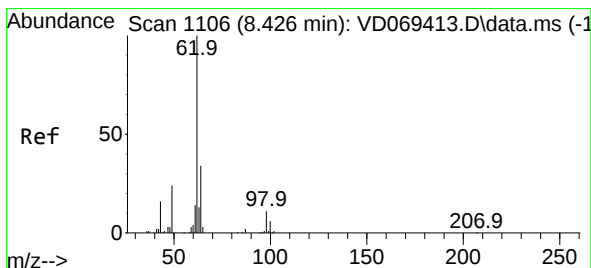
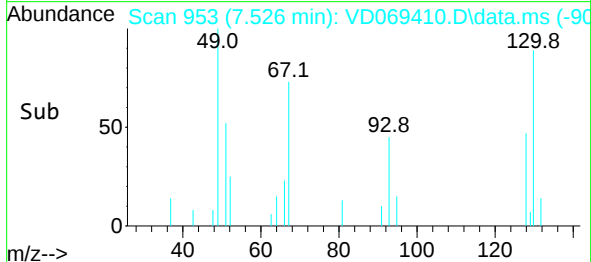
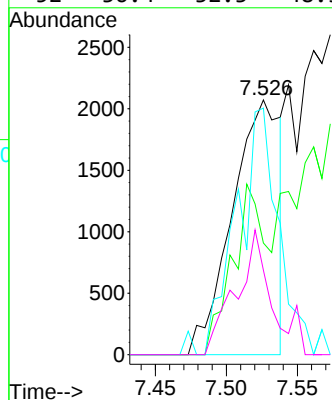
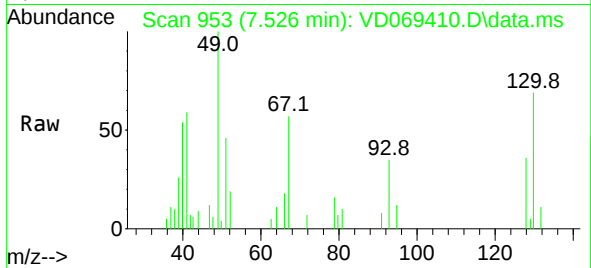
#41
Methacrylonitrile
Concen: 5.104 ug/l
RT: 7.526 min Scan# 953
Delta R.T. 0.006 min
Lab File: VD069410.D
Acq: 11 Jun 2021 10:05

Tgt Ion: 41 Resp: 4850
Ion Ratio Lower Upper
41 100
39 47.6 50.6 76.0#
67 84.9 86.2 129.4#
52 36.4 32.3 48.5

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

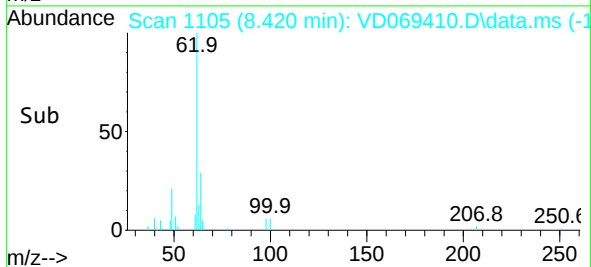
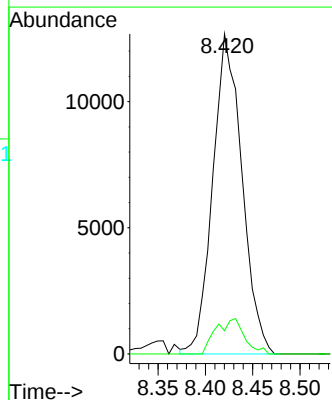
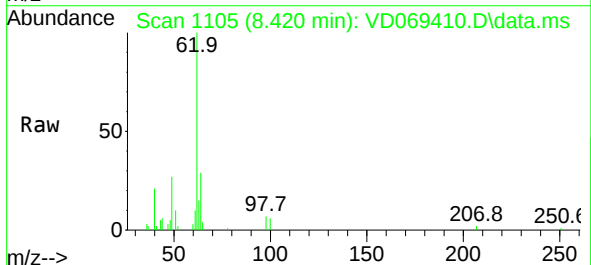
Manual Integrations
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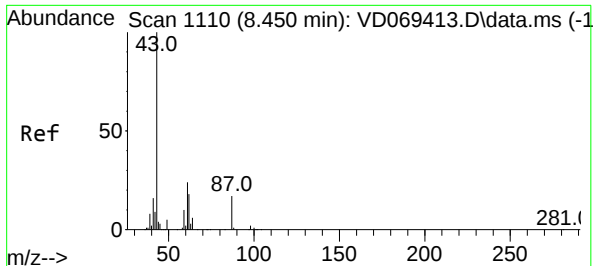
MMDadoda
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#42
1,2-Dichloroethane
Concen: 5.556 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VD069410.D
Acq: 11 Jun 2021 10:05

Tgt Ion: 62 Resp: 27186
Ion Ratio Lower Upper
62 100
98 10.8 0.0 21.4





#43

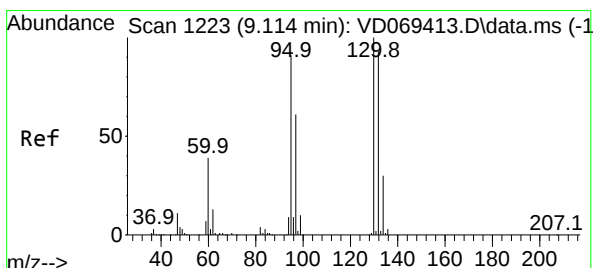
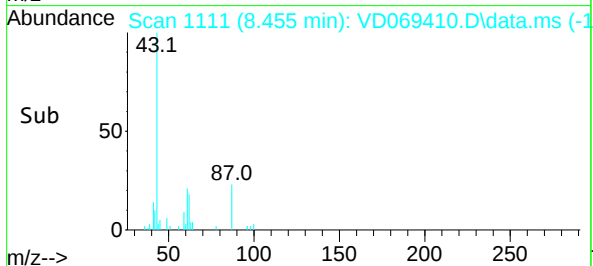
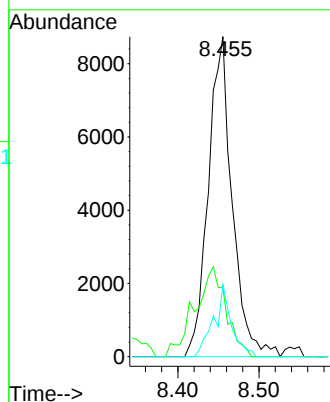
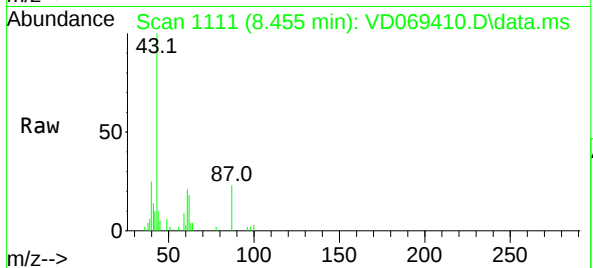
Isopropyl Acetate
Concen: 4.834 ug/l
RT: 8.455 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VD069410.D
Acq: 11 Jun 2021 10:05

Tgt Ion:	43	Resp:	17891
Ion	Ratio	Lower	Upper
43	100		
61	36.7	29.0	43.6
87	16.7	12.7	19.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Manual Integrations
APPROVED

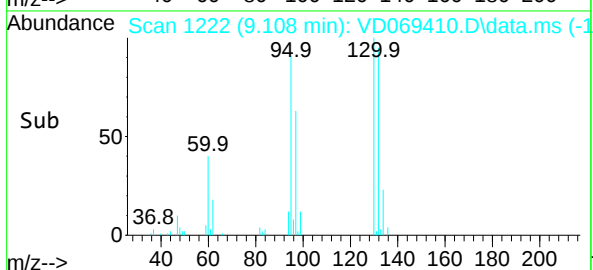
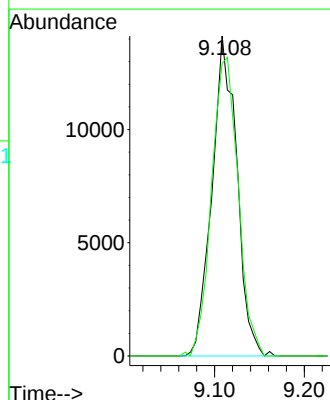
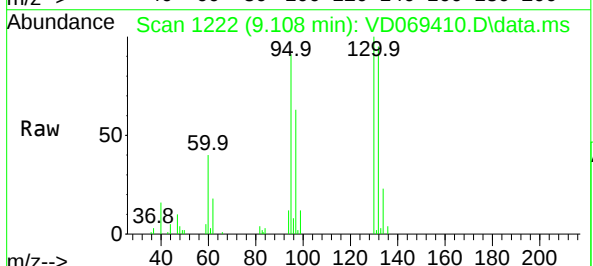
MMDadoda
6/14/2021 10:56:13 AM

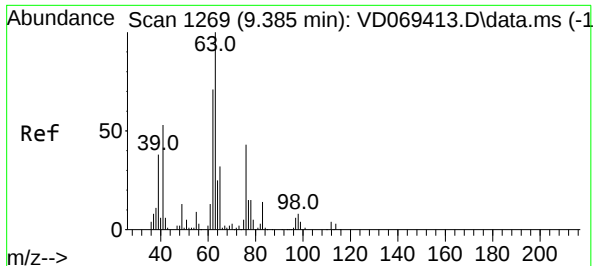


#44

Trichloroethene
Concen: 5.491 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. -0.006 min
Lab File: VD069410.D
Acq: 11 Jun 2021 10:05

Tgt Ion:	130	Resp:	27119
Ion	Ratio	Lower	Upper
130	100		
95	91.5	0.0	198.8





#45

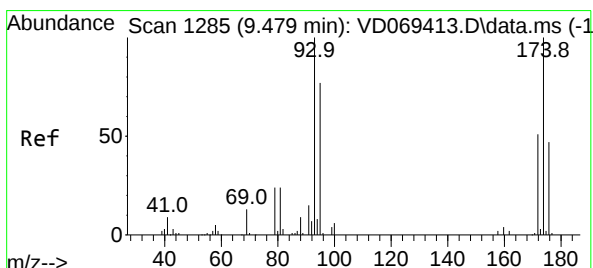
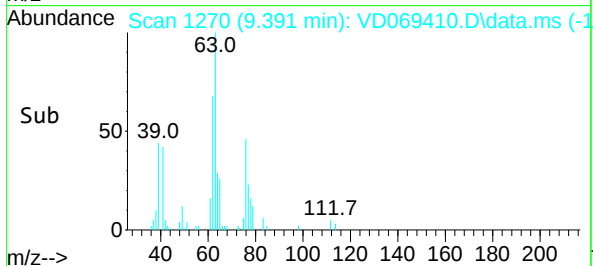
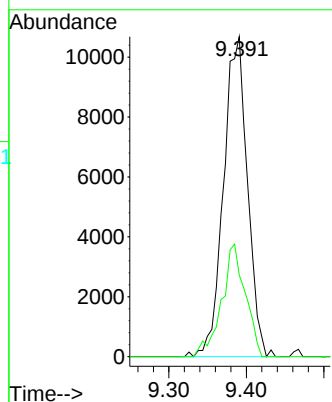
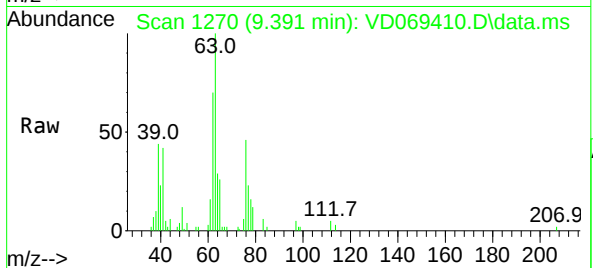
1,2-Dichloropropane
Concen: 5.302 ug/l
RT: 9.391 min Scan# 1270
Delta R.T. 0.006 min
Lab File: VD069410.D
Acq: 11 Jun 2021 10:05

Tgt Ion: 63 Resp: 22922
Ion Ratio Lower Upper
63 100
65 25.6 25.3 37.9

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Manual Integrations
APPROVED

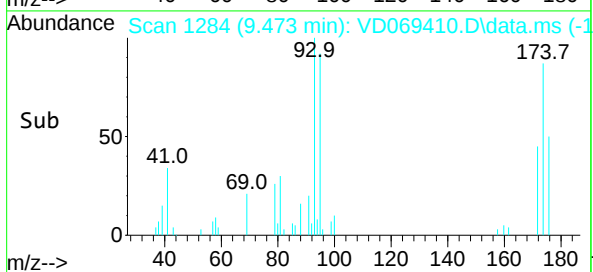
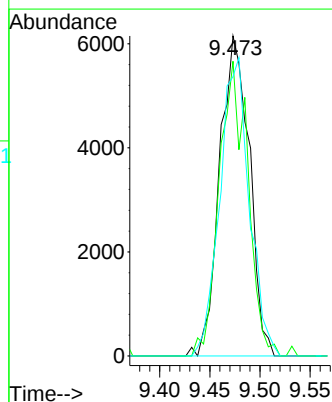
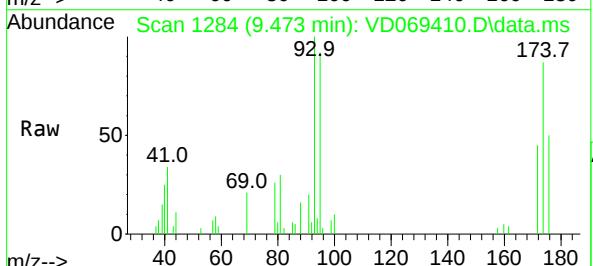
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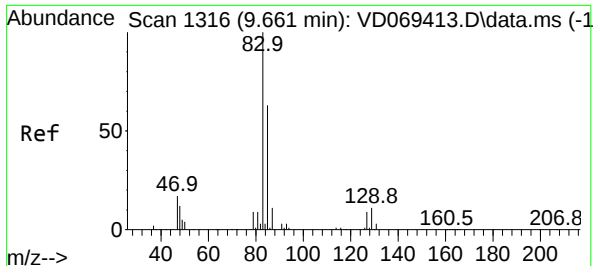


#46

Dibromomethane
Concen: 5.139 ug/l
RT: 9.473 min Scan# 1284
Delta R.T. -0.006 min
Lab File: VD069410.D
Acq: 11 Jun 2021 10:05

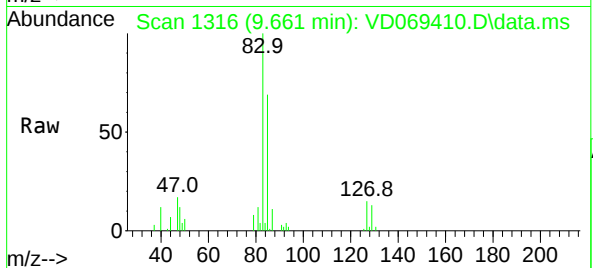
Tgt Ion: 93 Resp: 12655
Ion Ratio Lower Upper
93 100
95 89.1 63.4 95.2
174 92.8 74.5 111.7





#47
Bromodichloromethane
Concen: 5.403 ug/l
RT: 9.661 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VD069410.D
Acq: 11 Jun 2021 10:05

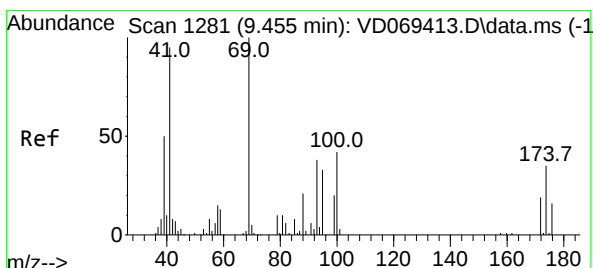
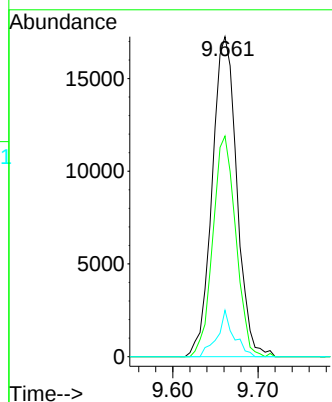
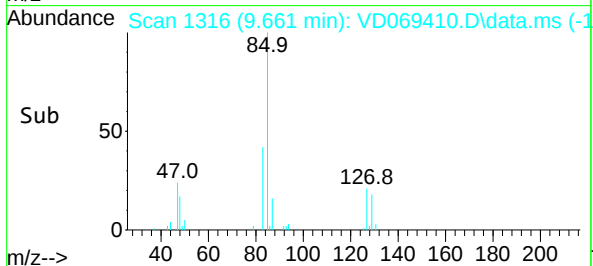
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



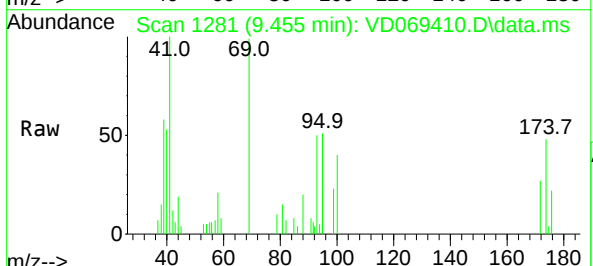
Tgt Ion: 83 Resp: 34650
Ion Ratio Lower Upper
83 100
85 69.0 48.2 72.2
127 14.5 7.1 10.7#

Manual Integrations
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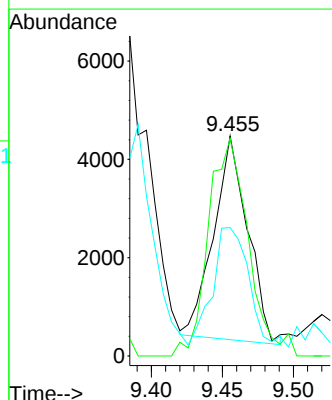
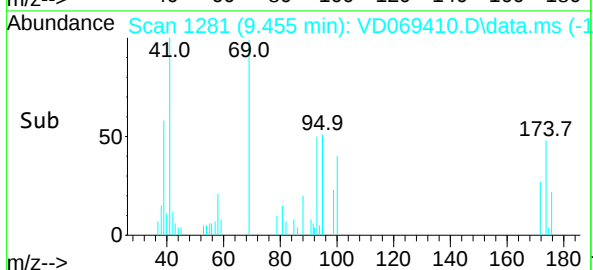
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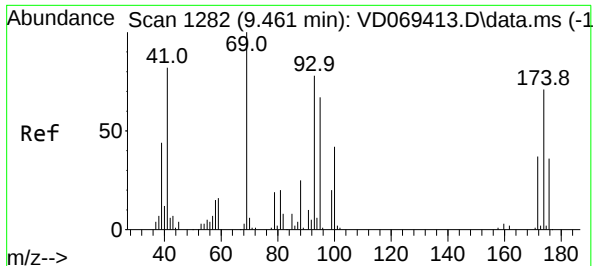


#48
Methyl methacrylate
Concen: 4.263 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. -0.000 min
Lab File: VD069410.D
Acq: 11 Jun 2021 10:05

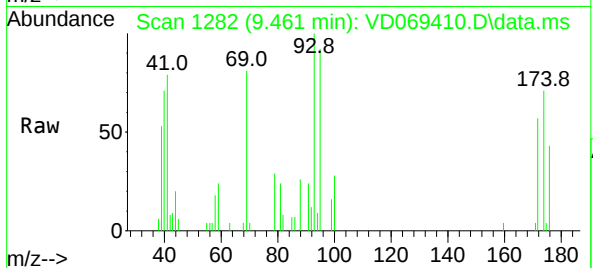


Tgt Ion: 41 Resp: 6915
Ion Ratio Lower Upper
41 100
69 124.8 77.6 116.4#
39 71.0 45.3 67.9#

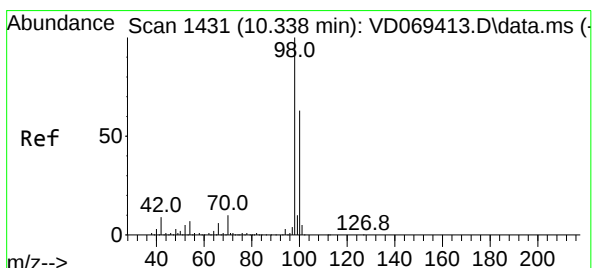
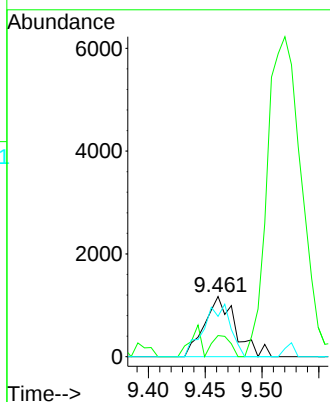
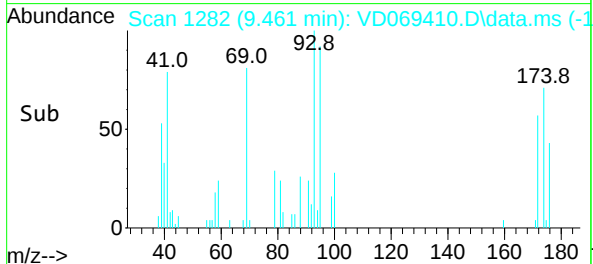




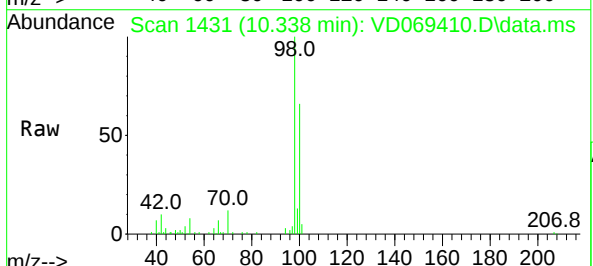
#49
1,4-Dioxane
Concen: 97.269 ug/l
RT: 9.461 min Scan# 1282
Delta R.T. -0.000 min
Lab File: VD069410.D
Acq: 11 Jun 2021 10:05



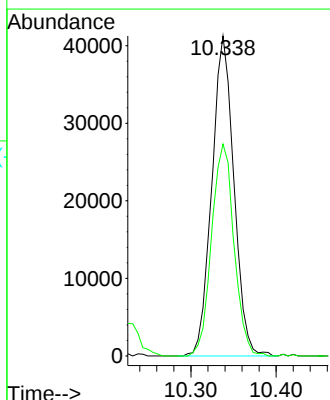
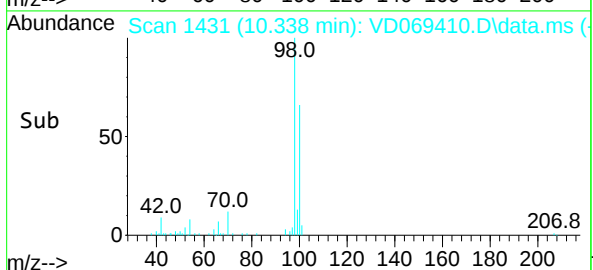
Tgt Ion: 88 Resp: 2228
Ion Ratio Lower Upper
88 100
43 20.8 25.4 38.2#
58 75.1 50.2 75.4



#50
Toluene-d8
Concen: 4.789 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069410.D
Acq: 11 Jun 2021 10:05



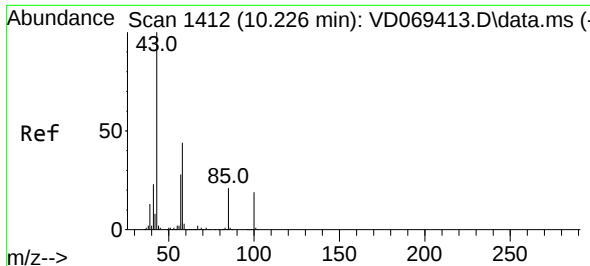
Tgt Ion: 98 Resp: 74135
Ion Ratio Lower Upper
98 100
100 67.2 52.1 78.1



Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

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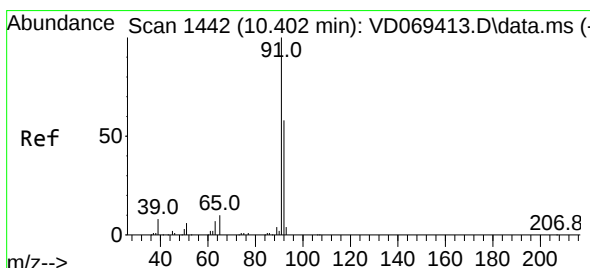
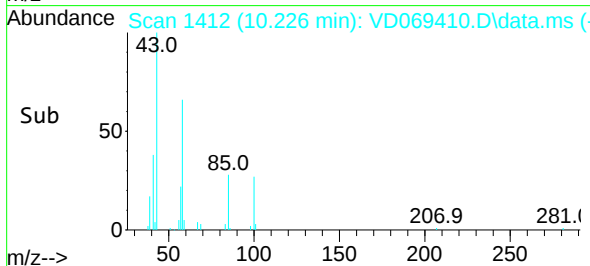
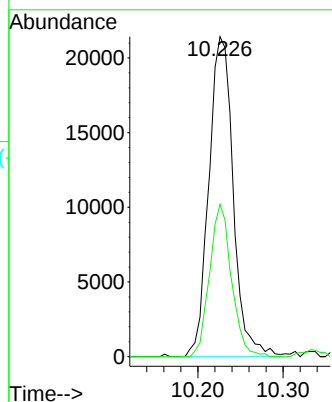
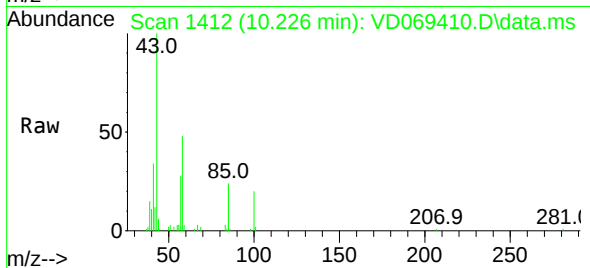
#51
4-Methyl-2-Pentanone
Concen: 22.812 ug/l
RT: 10.226 min Scan# 1412
Delta R.T. -0.000 min
Lab File: VD069410.D
Acq: 11 Jun 2021 10:05

Tgt Ion: 43 Resp: 42686
Ion Ratio Lower Upper
43 100
58 42.8 35.1 52.7

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

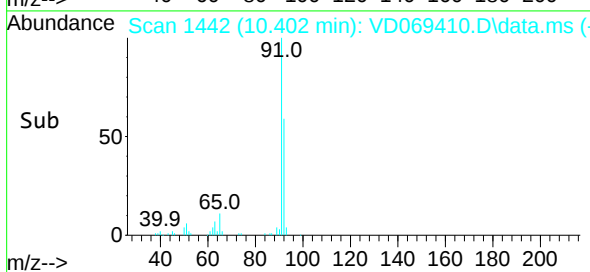
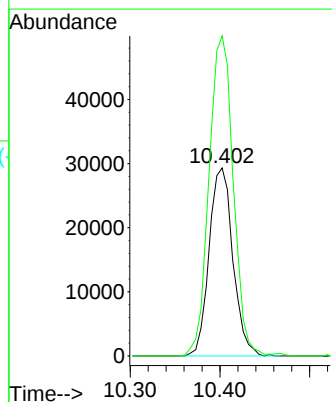
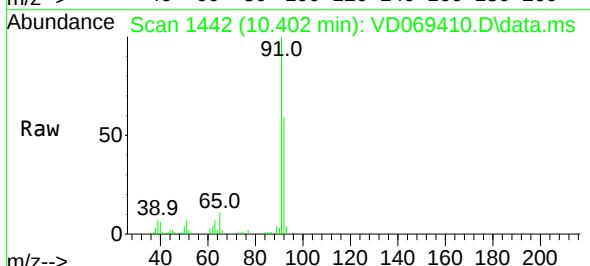
Manual Integrations
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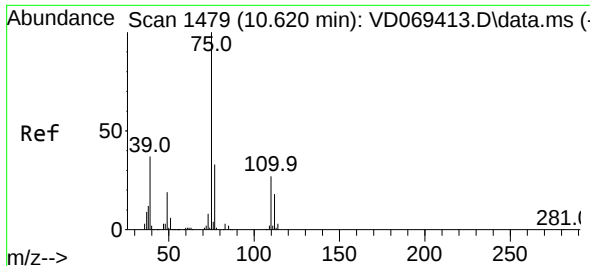
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#52
Toluene
Concen: 4.939 ug/l
RT: 10.402 min Scan# 1442
Delta R.T. -0.000 min
Lab File: VD069410.D
Acq: 11 Jun 2021 10:05

Tgt Ion: 92 Resp: 53889
Ion Ratio Lower Upper
92 100
91 173.6 138.4 207.6





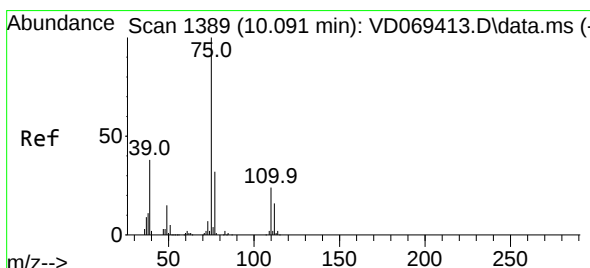
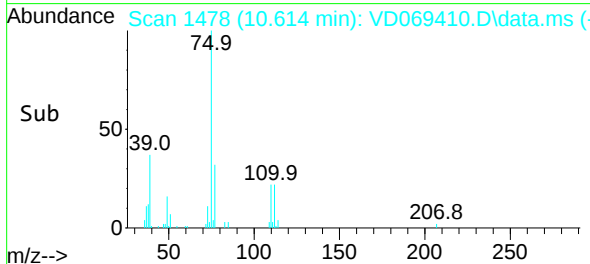
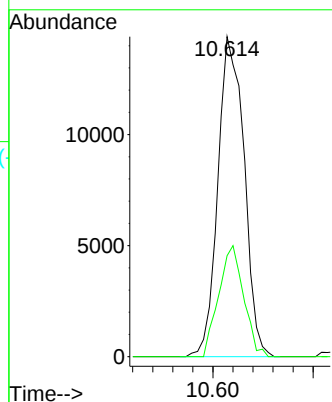
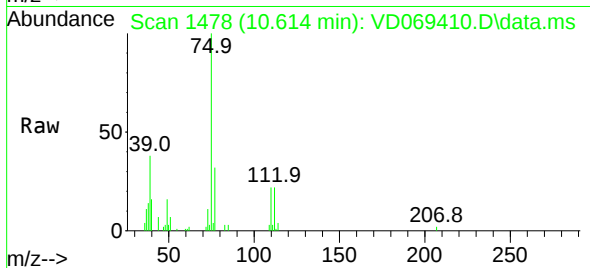
#53
t-1,3-Dichloropropene
Concen: 4.959 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. -0.006 min
Lab File: VD069410.D
Acq: 11 Jun 2021 10:05

Tgt Ion: 75 Resp: 26162
Ion Ratio Lower Upper
75 100
77 31.5 25.1 37.7

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

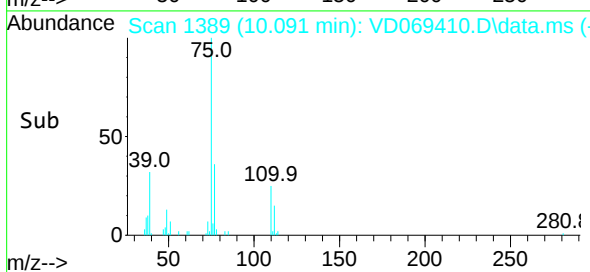
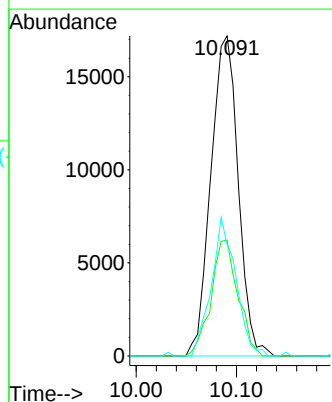
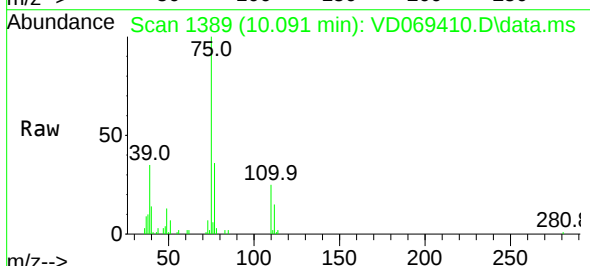
Manual Integrations
APPROVED

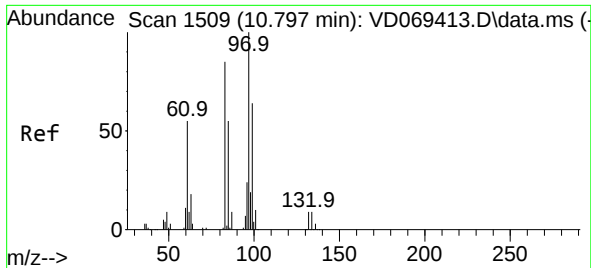
MMDadoda
6/14/2021 10:56:13 AM



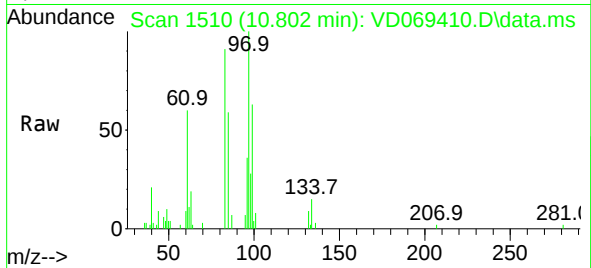
#54
cis-1,3-Dichloropropene
Concen: 5.115 ug/l
RT: 10.091 min Scan# 1389
Delta R.T. -0.000 min
Lab File: VD069410.D
Acq: 11 Jun 2021 10:05

Tgt Ion: 75 Resp: 32603
Ion Ratio Lower Upper
75 100
77 36.2 26.2 39.2
39 34.9 29.7 44.5

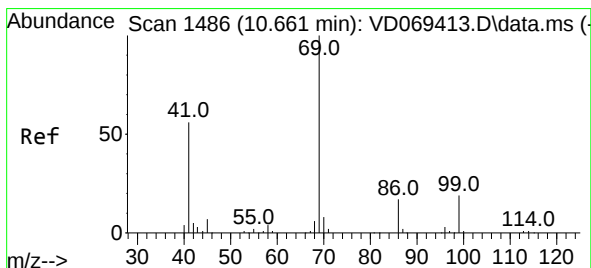
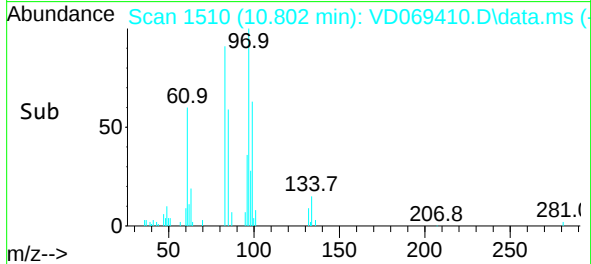
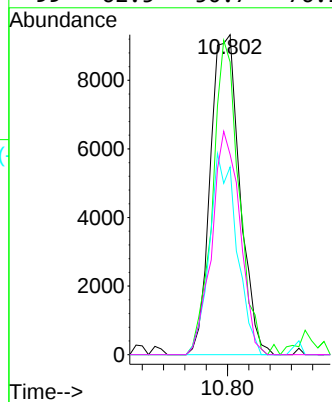




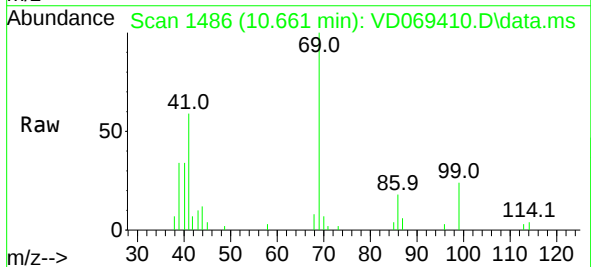
#55
1,1,2-Trichloroethane
Concen: 5.240 ug/l
RT: 10.802 min Scan# 1510
Delta R.T. 0.006 min
Lab File: VD069410.D
Acq: 11 Jun 2021 10:05



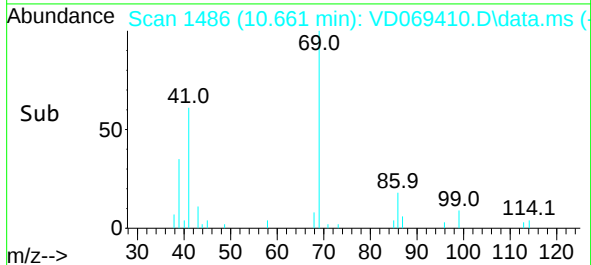
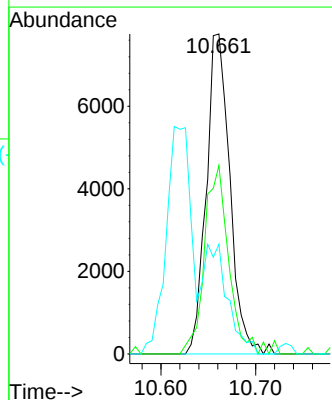
Tgt Ion:	97	Resp:	17864
Ion	Ratio	Lower	Upper
97	100		
83	91.4	69.4	104.0
85	58.7	44.5	66.7
99	62.5	50.7	76.1



#56
Ethyl methacrylate
Concen: 4.307 ug/l
RT: 10.661 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VD069410.D
Acq: 11 Jun 2021 10:05



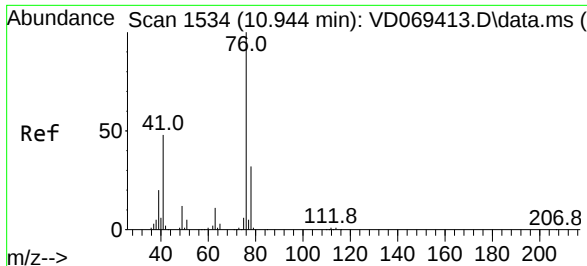
Tgt Ion:	69	Resp:	13441
Ion	Ratio	Lower	Upper
69	100		
41	59.6	45.4	68.2
39	31.3	21.7	32.5



Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

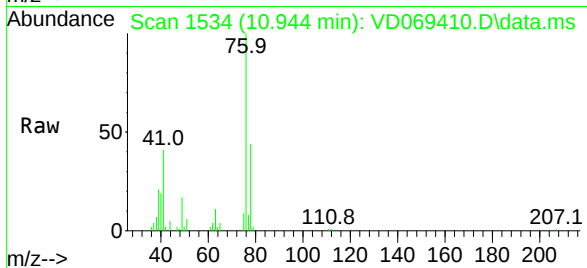
Manual Integrations
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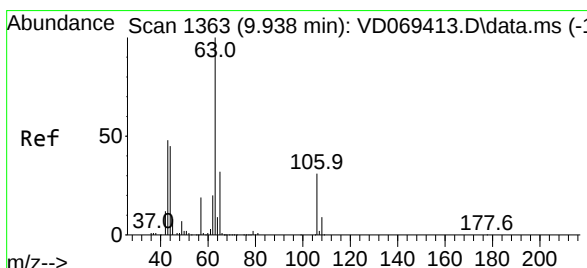
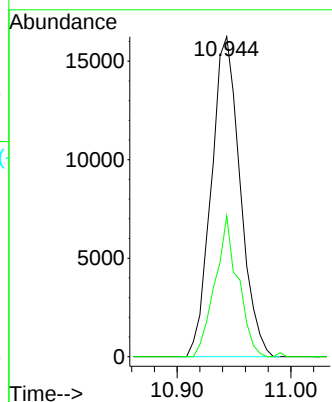
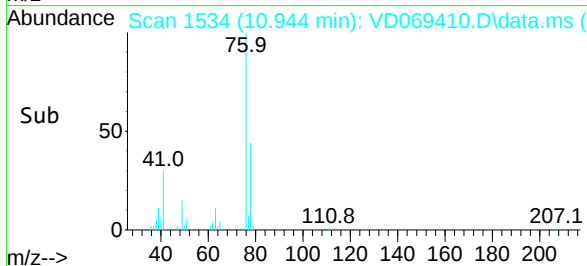


#57
1,3-Dichloropropane
Concen: 5.247 ug/l
RT: 10.944 min Scan# 1534
Delta R.T. -0.000 min
Lab File: VD069410.D
Acq: 11 Jun 2021 10:05

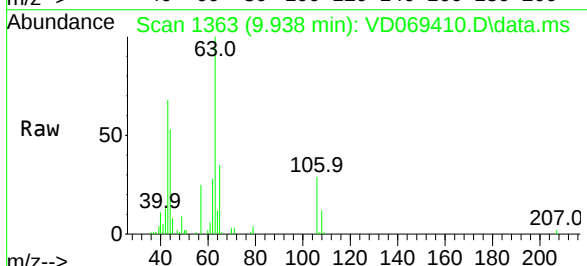
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



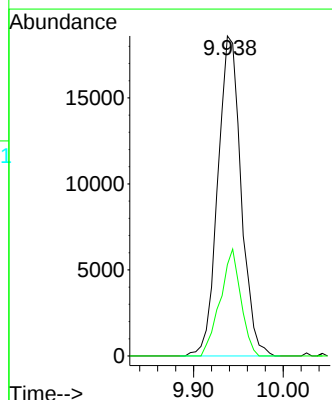
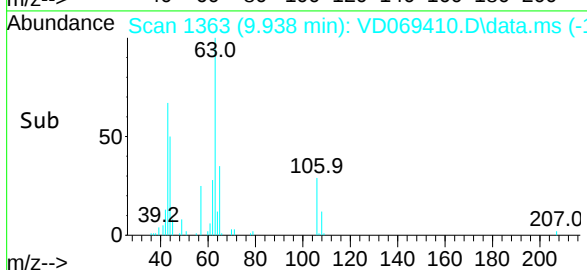
Tgt Ion: 76 Resp: 28612
Ion Ratio Lower Upper
76 100
78 35.1 26.2 39.2

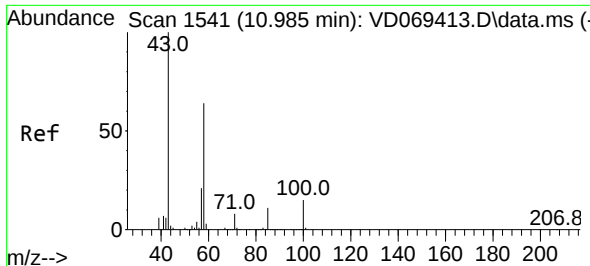


#58
2-Chloroethyl Vinyl ether
Concen: 21.182 ug/l
RT: 9.938 min Scan# 1363
Delta R.T. -0.000 min
Lab File: VD069410.D
Acq: 11 Jun 2021 10:05



Tgt Ion: 63 Resp: 33516
Ion Ratio Lower Upper
63 100
106 29.6 24.8 37.2





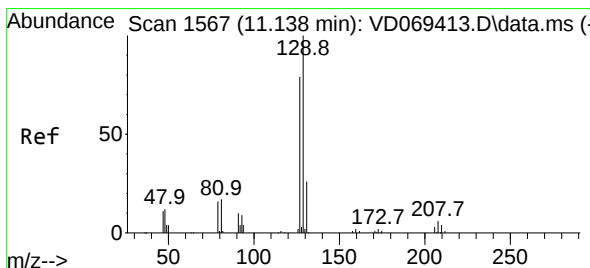
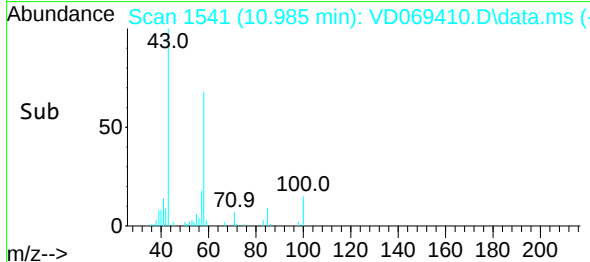
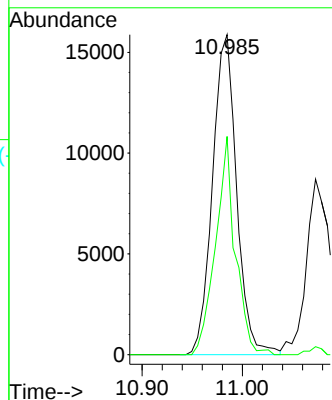
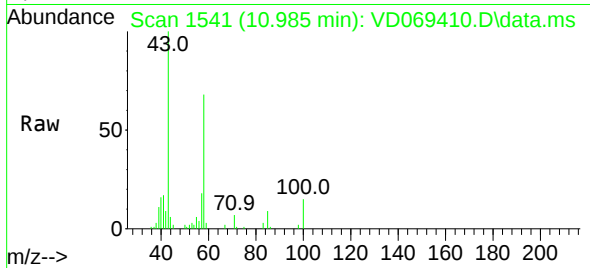
#59
2-Hexanone
Concen: 21.666 ug/l
RT: 10.985 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VD069410.D
Acq: 11 Jun 2021 10:05

Tgt Ion: 43 Resp: 26564
Ion Ratio Lower Upper
43 100
58 55.9 30.8 92.3

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

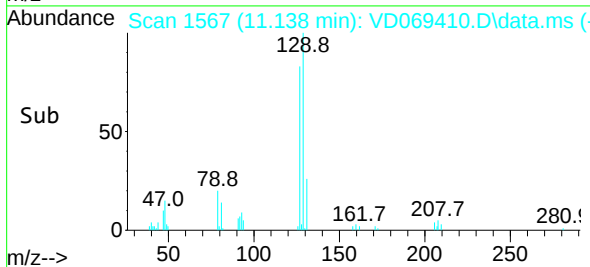
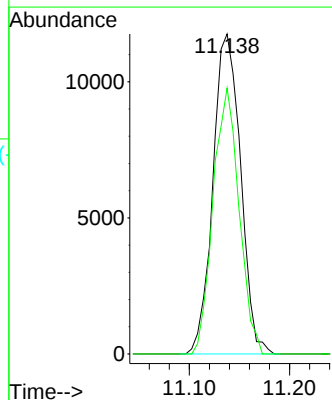
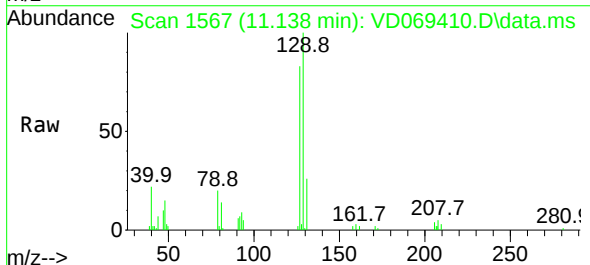
Manual Integrations
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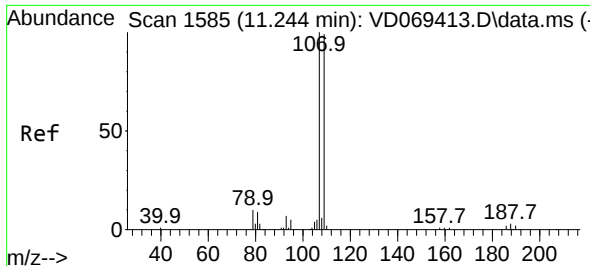
MMDadoda
6/14/2021 10:56:13 AM



#60
Dibromochloromethane
Concen: 5.183 ug/l
RT: 11.138 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VD069410.D
Acq: 11 Jun 2021 10:05

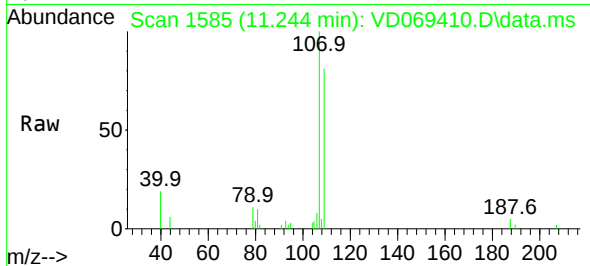
Tgt Ion: 129 Resp: 22476
Ion Ratio Lower Upper
129 100
127 78.2 39.6 118.7





#61
1,2-Dibromoethane
Concen: 5.165 ug/l
RT: 11.244 min Scan# 1585
Delta R.T. -0.000 min
Lab File: VD069410.D
Acq: 11 Jun 2021 10:05

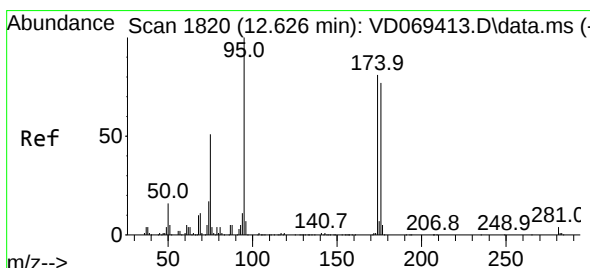
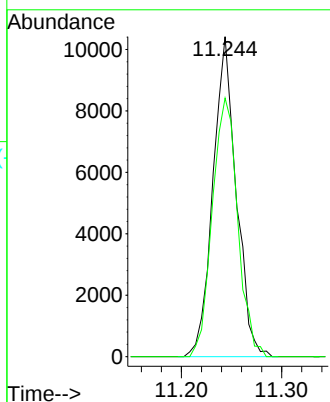
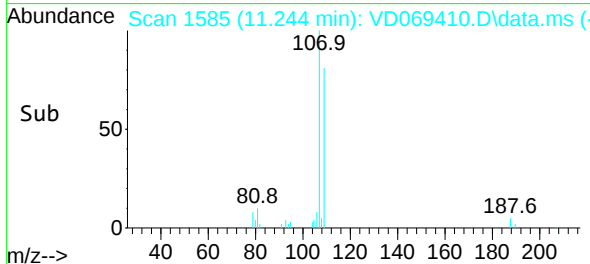
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



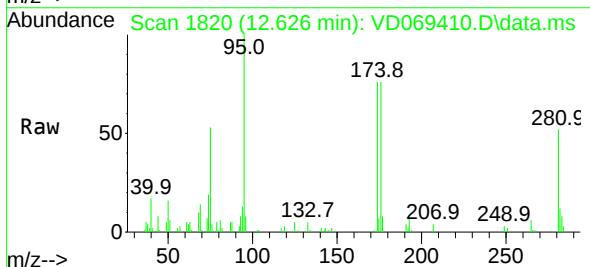
Tgt Ion:107 Resp: 16793
Ion Ratio Lower Upper
107 100
109 88.0 75.9 113.9

Manual Integrations
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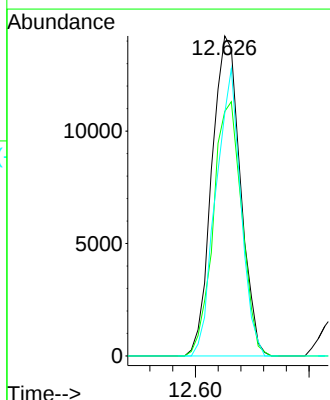
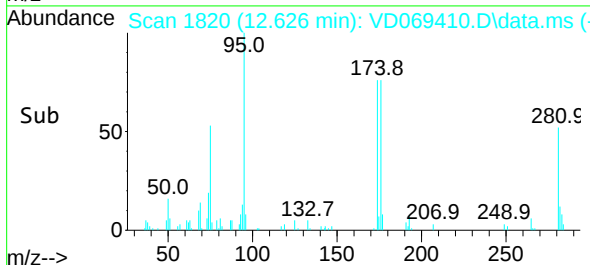
MMDadoda
6/14/2021 10:56:13 AM

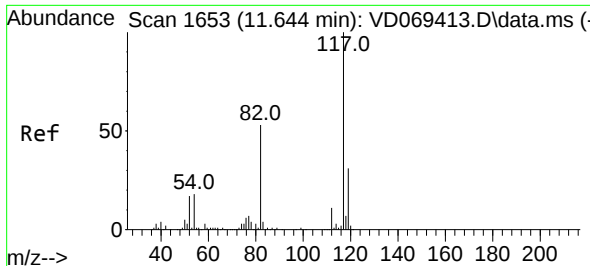


#62
4-Bromofluorobenzene
Concen: 5.087 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069410.D
Acq: 11 Jun 2021 10:05

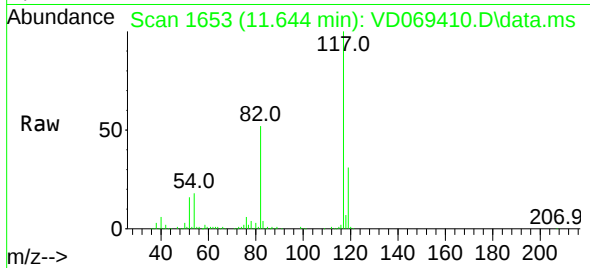


Tgt Ion: 95 Resp: 24830
Ion Ratio Lower Upper
95 100
174 79.1 0.0 162.8
176 78.4 0.0 154.4

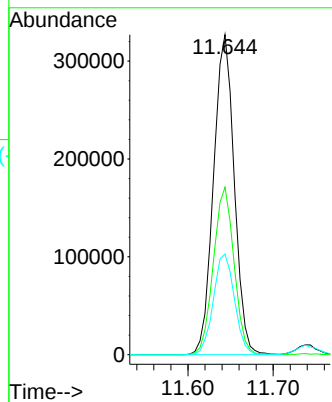
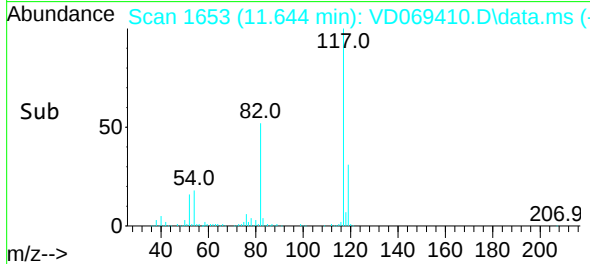




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD069410.D
Acq: 11 Jun 2021 10:05



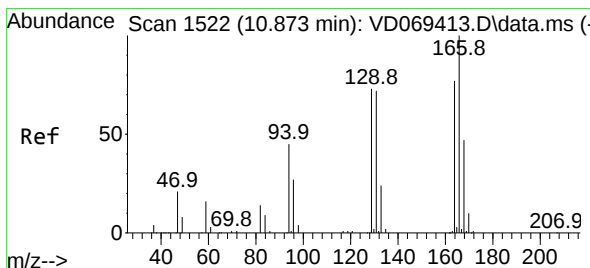
Tgt Ion:117 Resp: 552011
Ion Ratio Lower Upper
117 100
82 52.3 43.3 64.9
119 31.5 25.3 37.9



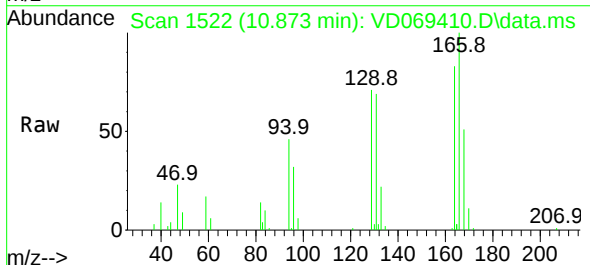
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Manual Integrations
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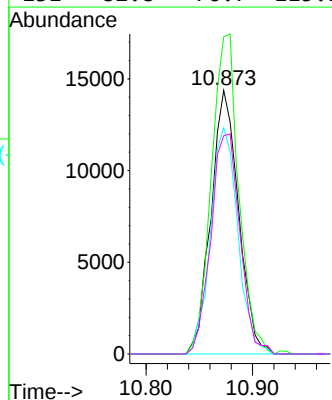
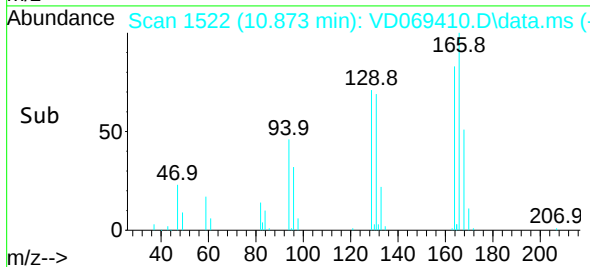
MMDadoda
6/14/2021 10:56:13 AM

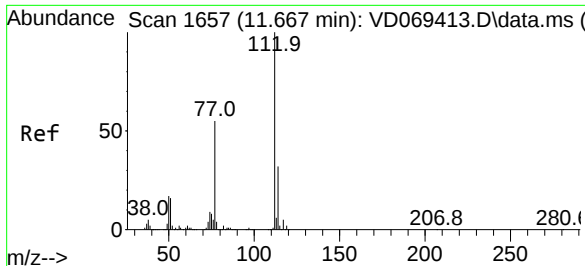


#64
Tetrachloroethene
Concen: 5.867 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. -0.000 min
Lab File: VD069410.D
Acq: 11 Jun 2021 10:05



Tgt Ion:164 Resp: 25895
Ion Ratio Lower Upper
164 100
166 120.3 100.2 150.4
129 85.8 78.1 117.1
131 82.8 76.7 115.1





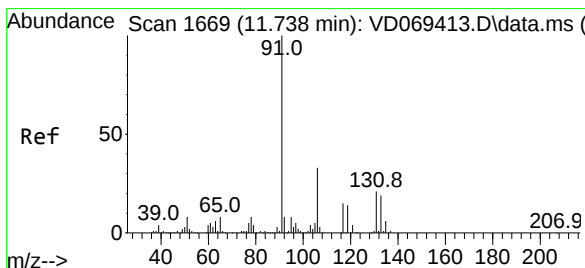
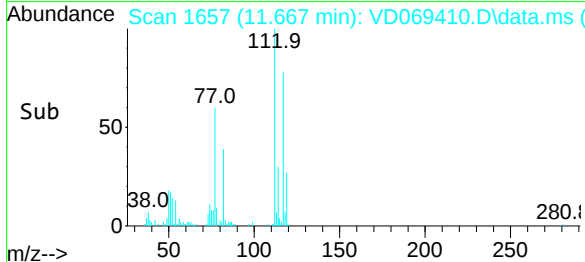
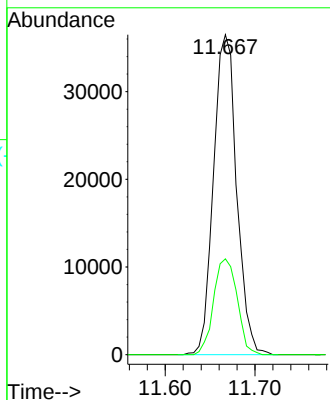
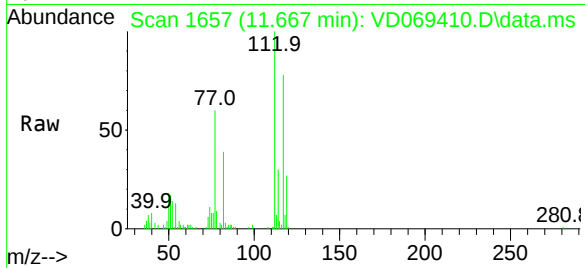
#65
Chlorobenzene
Concen: 5.383 ug/l
RT: 11.667 min Scan# 1657
Delta R.T. -0.000 min
Lab File: VD069410.D
Acq: 11 Jun 2021 10:05

Tgt Ion:112 Resp: 65416
Ion Ratio Lower Upper
112 100
114 30.0 25.6 38.4

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

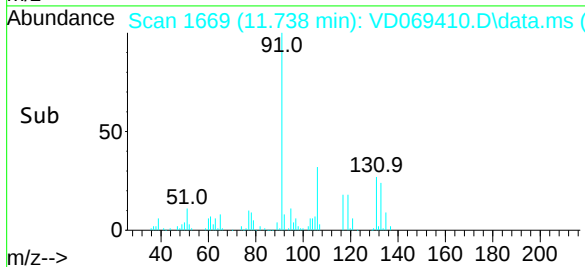
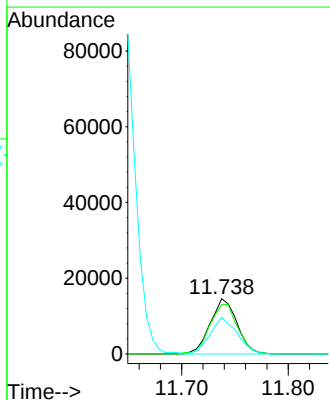
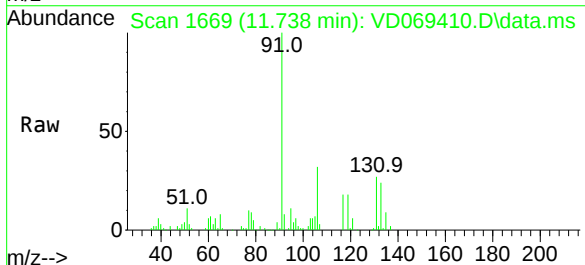
Manual Integrations
APPROVED

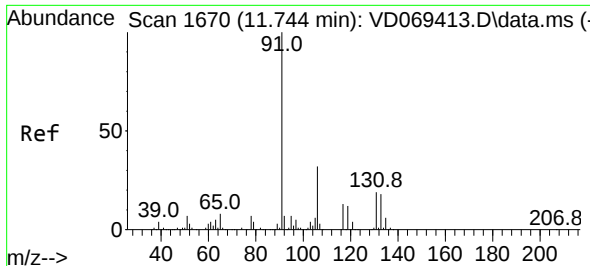
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 5.424 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD069410.D
Acq: 11 Jun 2021 10:05

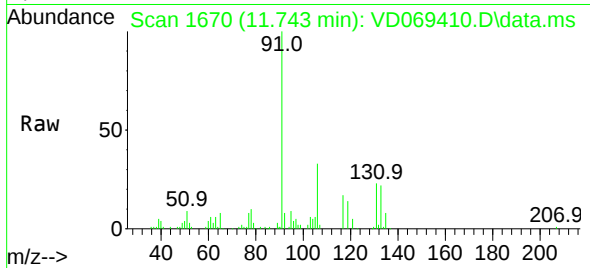
Tgt Ion:131 Resp: 25492
Ion Ratio Lower Upper
131 100
133 93.3 47.4 142.2
119 66.8 32.8 98.3





#67
Ethyl Benzene
Concen: 4.876 ug/l
RT: 11.743 min Scan# 1670
Delta R.T. -0.000 min
Lab File: VD069410.D
Acq: 11 Jun 2021 10:05

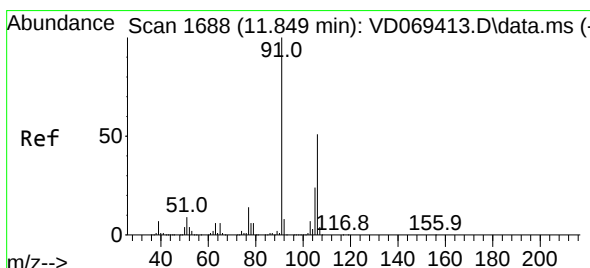
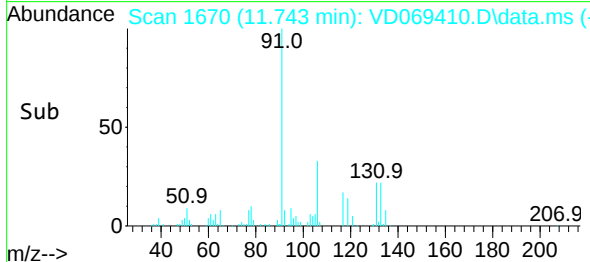
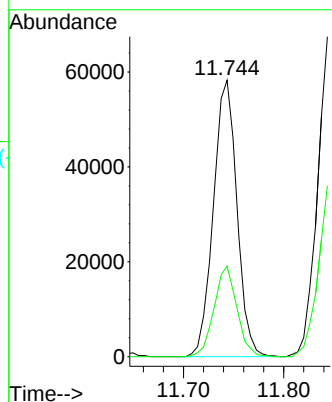
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



Tgt Ion: 91 Resp: 95023
Ion Ratio Lower Upper
91 100
106 32.8 25.9 38.9

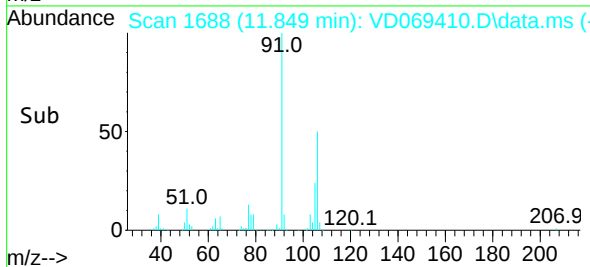
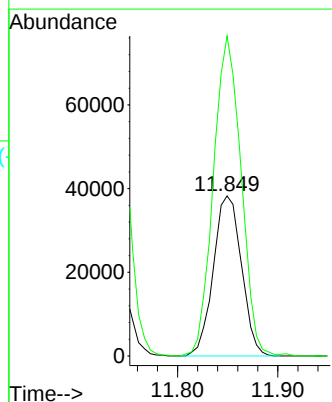
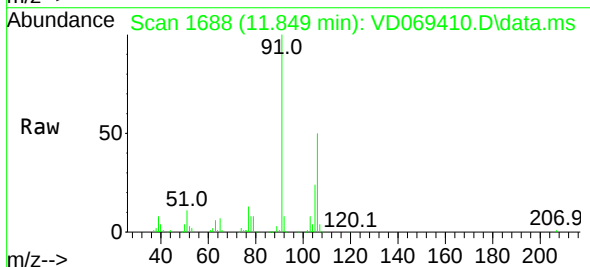
Manual Integrations
APPROVED

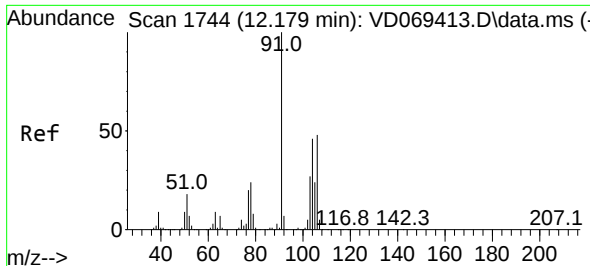
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#68
m/p-Xylenes
Concen: 9.533 ug/l
RT: 11.849 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VD069410.D
Acq: 11 Jun 2021 10:05

Tgt Ion: 106 Resp: 74553
Ion Ratio Lower Upper
106 100
91 197.0 158.3 237.5





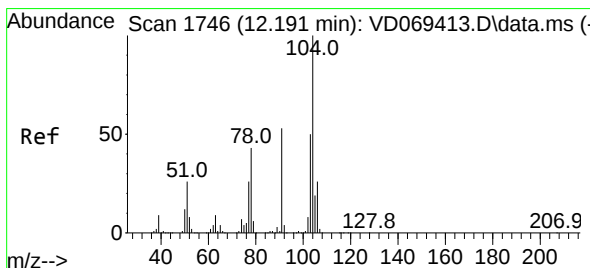
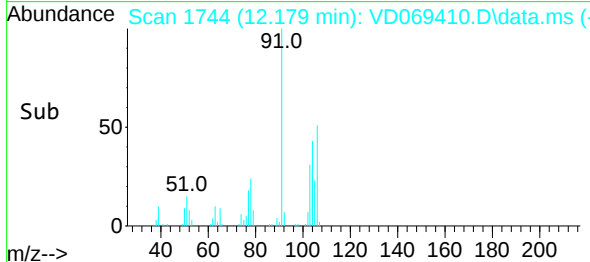
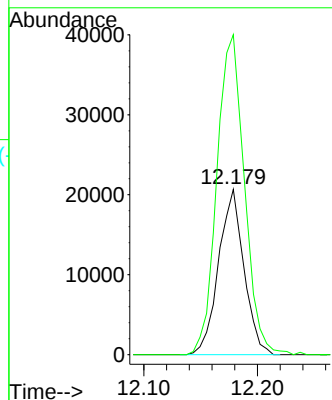
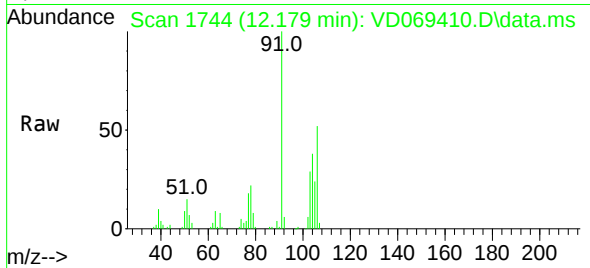
#69
o-Xylene
Concen: 4.750 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. -0.000 min
Lab File: VD069410.D
Acq: 11 Jun 2021 10:05

Tgt Ion:106 Resp: 32046
Ion Ratio Lower Upper
106 100
91 210.5 105.5 316.4

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

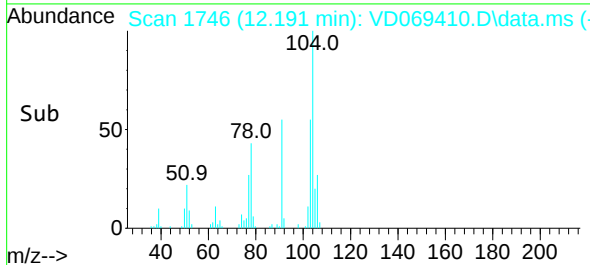
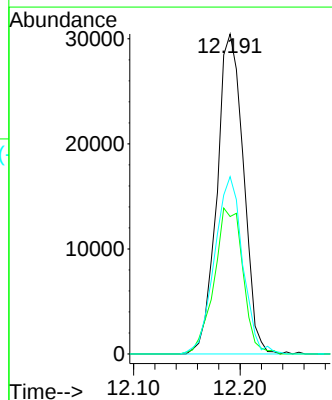
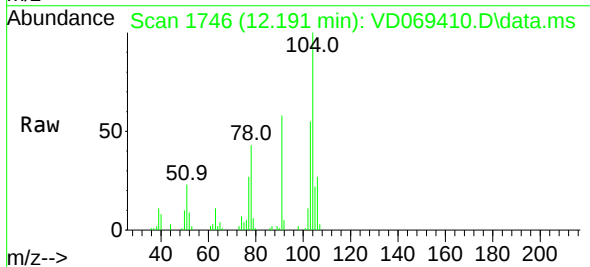
Manual Integrations
APPROVED

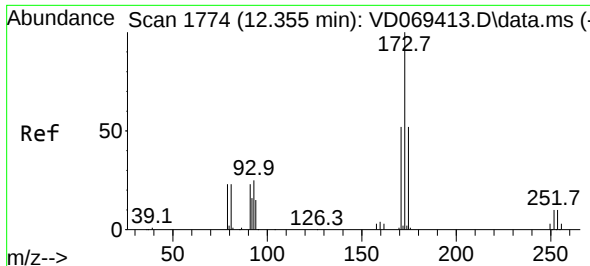
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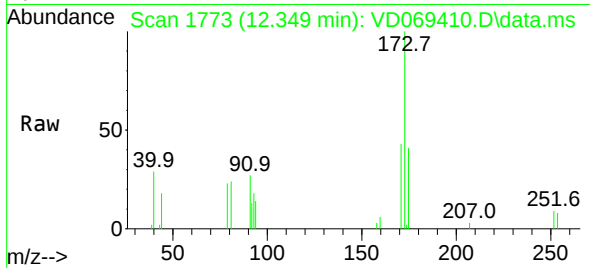
#70
Styrene
Concen: 4.412 ug/l
RT: 12.191 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VD069410.D
Acq: 11 Jun 2021 10:05

Tgt Ion:104 Resp: 52550
Ion Ratio Lower Upper
104 100
78 49.5 37.5 56.3
103 58.9 44.3 66.5

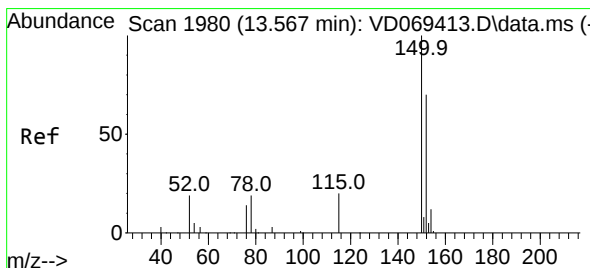
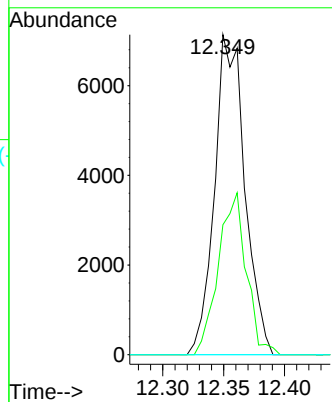
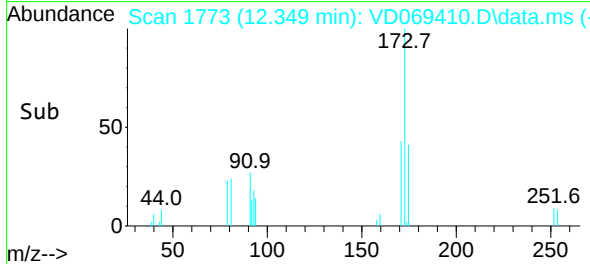




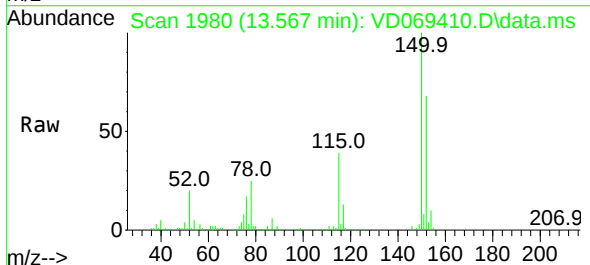
#71
Bromoform
Concen: 5.140 ug/l
RT: 12.349 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VD069410.D
Acq: 11 Jun 2021 10:05



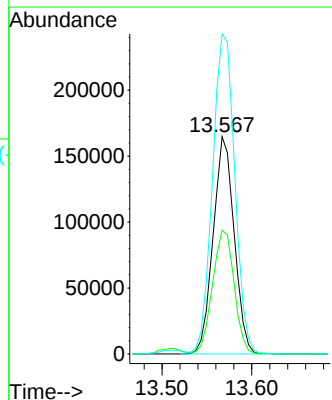
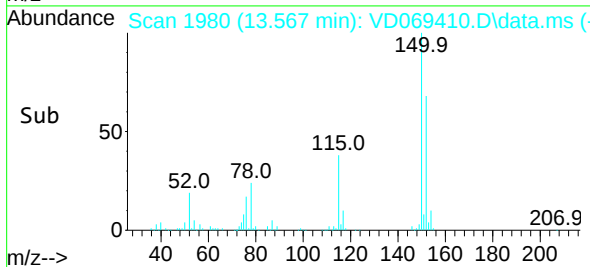
Tgt Ion:173 Resp: 12339
Ion Ratio Lower Upper
173 100
175 46.7 23.8 71.2
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069410.D
Acq: 11 Jun 2021 10:05



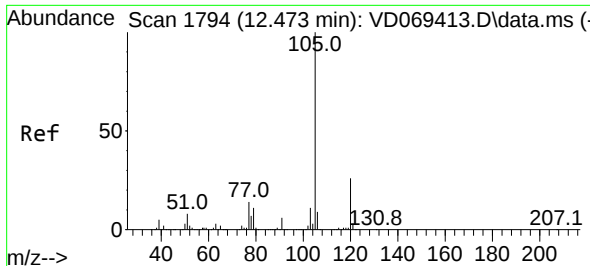
Tgt Ion:152 Resp: 267602
Ion Ratio Lower Upper
152 100
115 58.6 29.4 88.3
150 156.4 0.0 355.0



Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

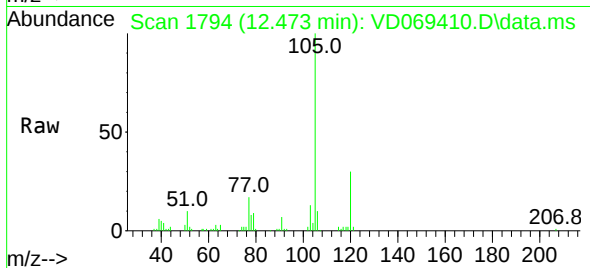
Manual Integrations
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#73
Isopropylbenzene
Concen: 4.773 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VD069410.D
Acq: 11 Jun 2021 10:05

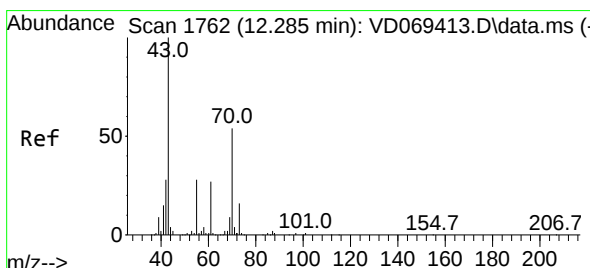
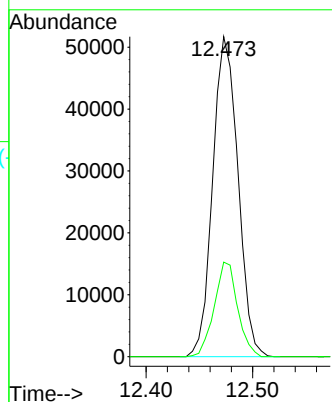
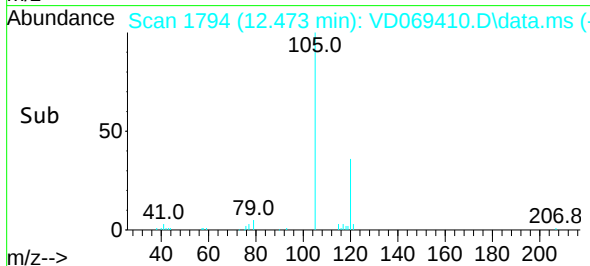
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



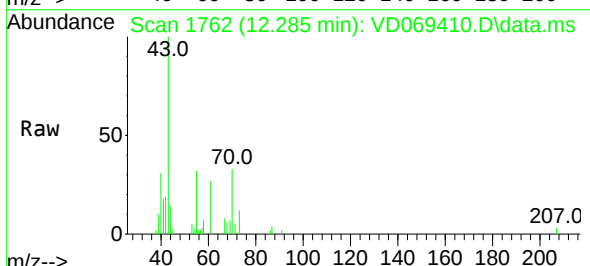
Tgt Ion: 105 Resp: 85003
Ion Ratio Lower Upper
105 100
120 27.3 13.5 40.5

Manual Integrations
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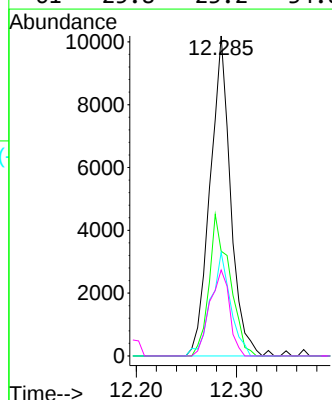
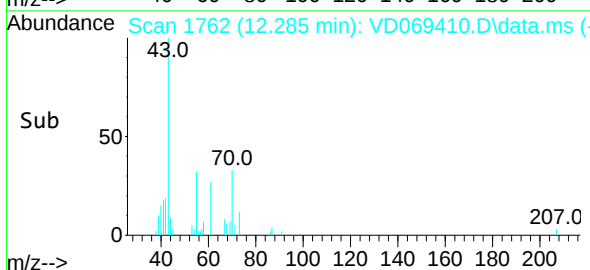
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6/14/2021 10:56:13 AM

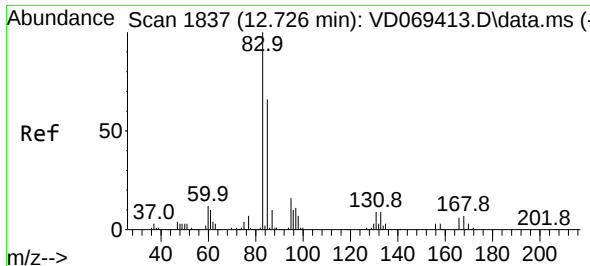


#74
N-ethyl acetate
Concen: 4.611 ug/l
RT: 12.285 min Scan# 1762
Delta R.T. -0.000 min
Lab File: VD069410.D
Acq: 11 Jun 2021 10:05



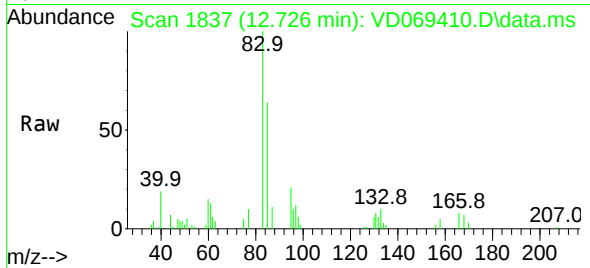
Tgt Ion: 43 Resp: 14465
Ion Ratio Lower Upper
43 100
70 44.3 40.9 61.3
55 31.2 23.4 35.0
61 25.8 23.2 34.8





#75
 1,1,2,2-Tetrachloroethane
 Concen: 5.405 ug/l
 RT: 12.726 min Scan# 1837
 Delta R.T. -0.000 min
 Lab File: VD069410.D
 Acq: 11 Jun 2021 10:05

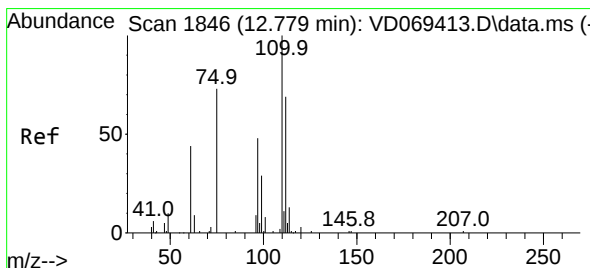
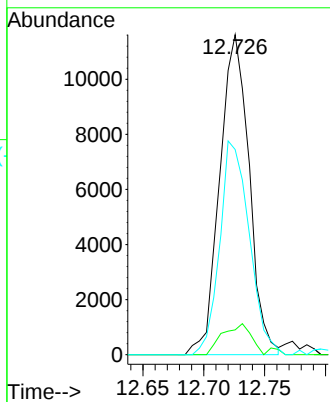
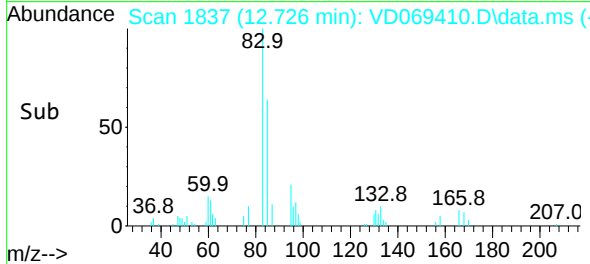
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005



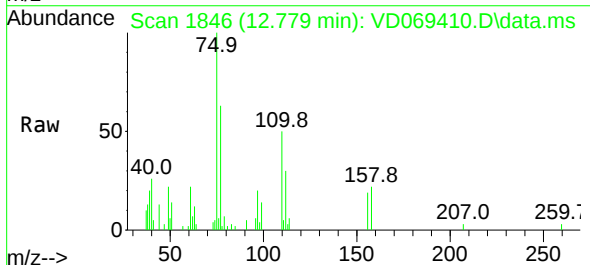
Tgt Ion	Ratio	Lower	Upper
83	100		
131	9.3	5.3	16.1
85	67.1	32.6	98.0

Manual Integrations
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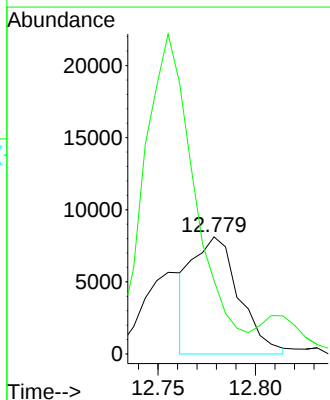
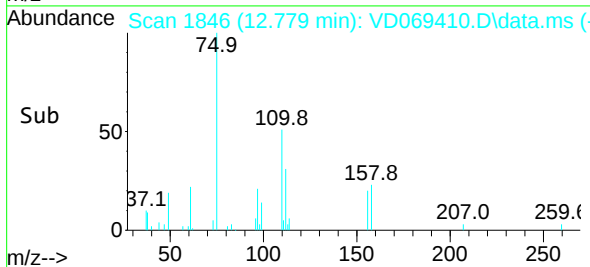
MMDadoda
 6/14/2021 10:56:13 AM

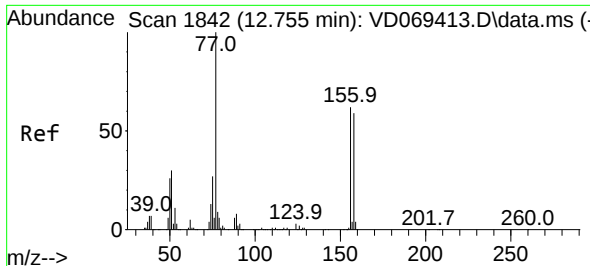


#76
 1,2,3-Trichloropropane
 Concen: 6.606 ug/l m
 RT: 12.779 min Scan# 1846
 Delta R.T. -0.000 min
 Lab File: VD069410.D
 Acq: 11 Jun 2021 10:05



Tgt Ion	Ratio	Lower	Upper
75	100		
77	0.0	183.8	551.2#





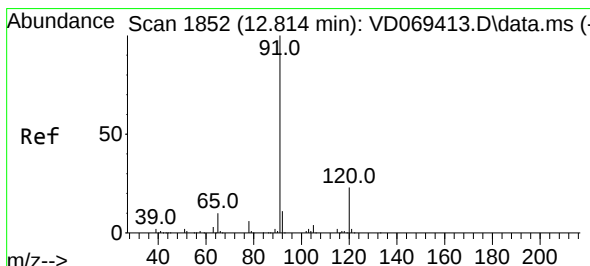
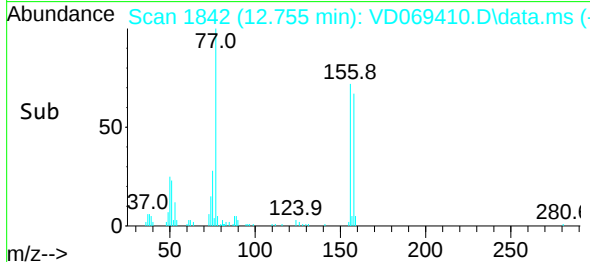
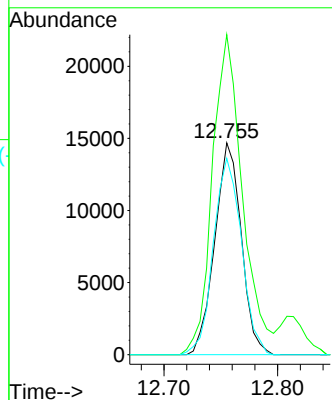
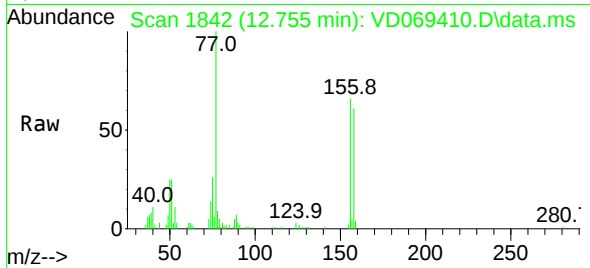
#77
Bromobenzene
Concen: 5.159 ug/l
RT: 12.755 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD069410.D
Acq: 11 Jun 2021 10:05

Tgt Ion	Ratio	Lower	Upper
156	100		
77	171.1	89.3	267.9
158	98.0	48.0	144.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

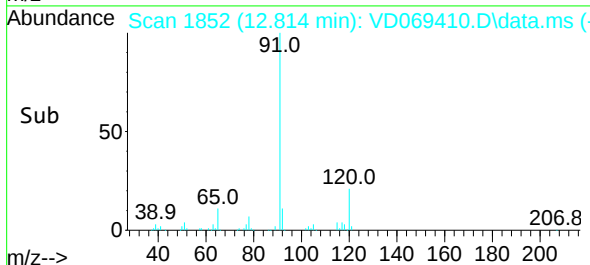
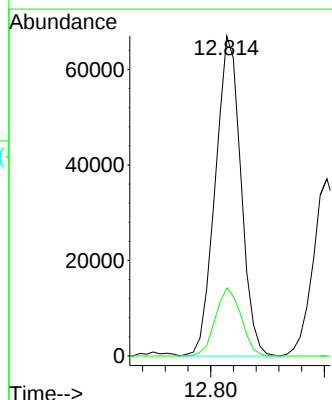
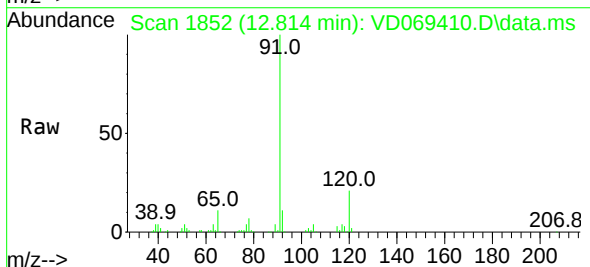
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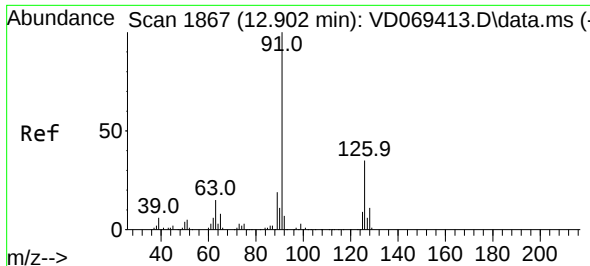
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#78
n-propylbenzene
Concen: 4.745 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VD069410.D
Acq: 11 Jun 2021 10:05

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.3	11.6	34.8





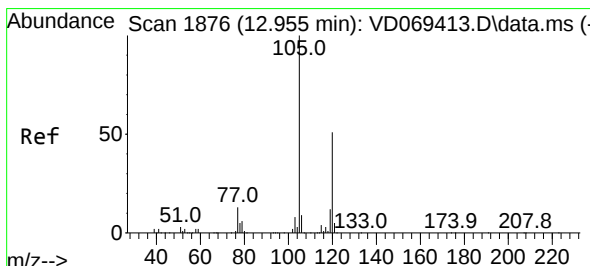
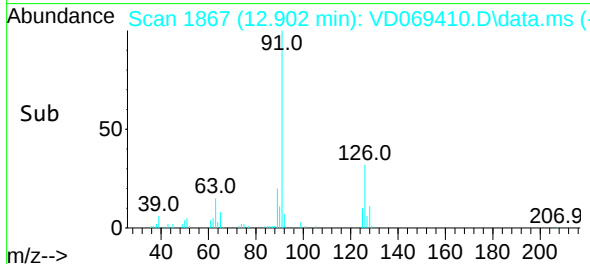
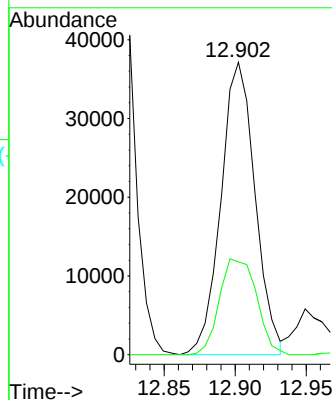
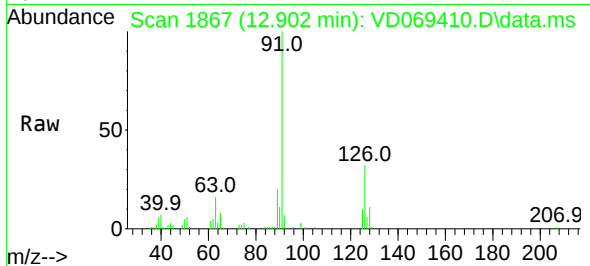
#79
2-Chlorotoluene
Concen: 4.896 ug/l
RT: 12.902 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD069410.D
Acq: 11 Jun 2021 10:05

Tgt Ion: 91 Resp: 62141
Ion Ratio Lower Upper
91 100
126 35.5 16.8 50.3

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

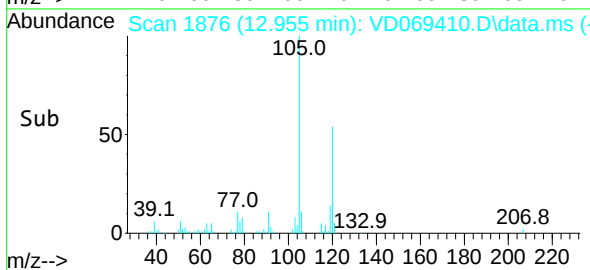
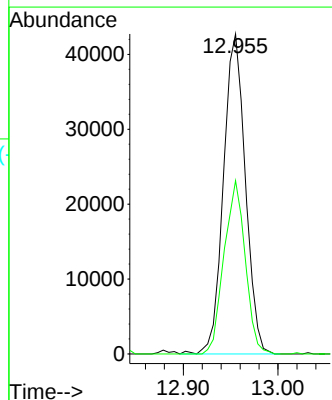
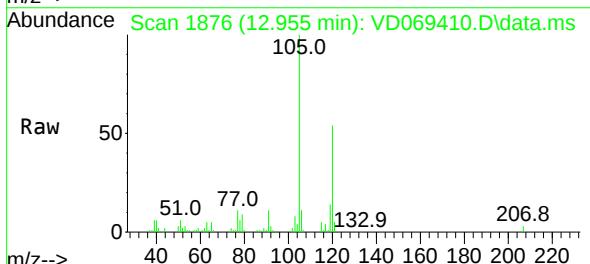
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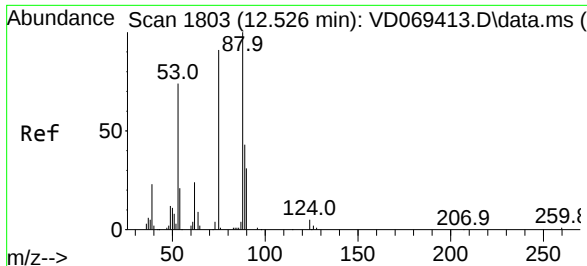
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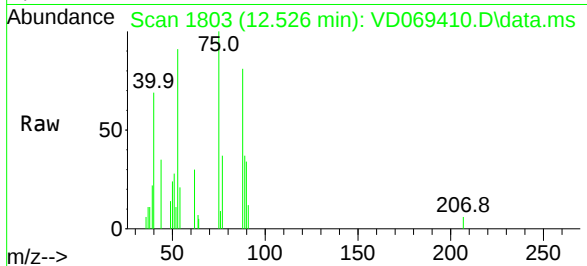
#80
1,3,5-Trimethylbenzene
Concen: 4.583 ug/l
RT: 12.955 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VD069410.D
Acq: 11 Jun 2021 10:05

Tgt Ion: 105 Resp: 68759
Ion Ratio Lower Upper
105 100
120 52.3 24.9 74.7

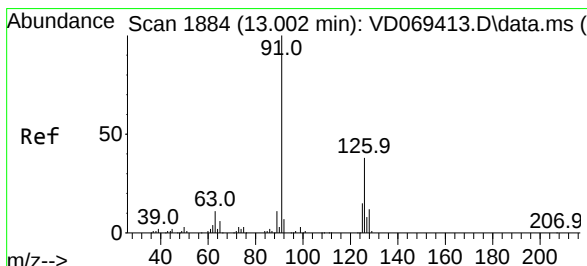
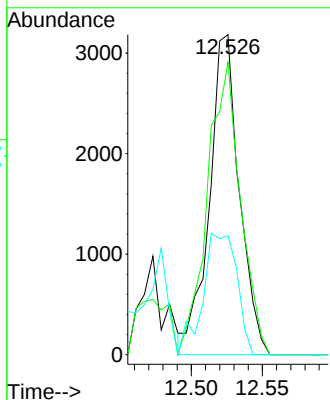
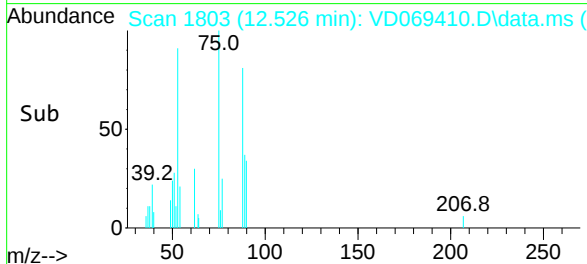




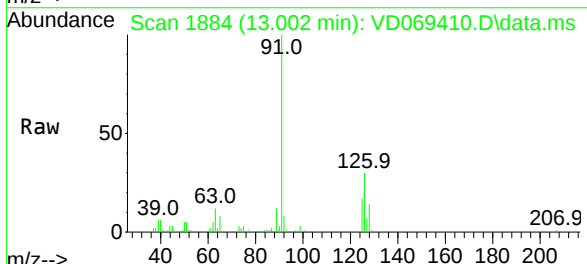
#81
trans-1,4-Dichloro-2-butene
Concen: 4.830 ug/l
RT: 12.526 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VD069410.D
Acq: 11 Jun 2021 10:05



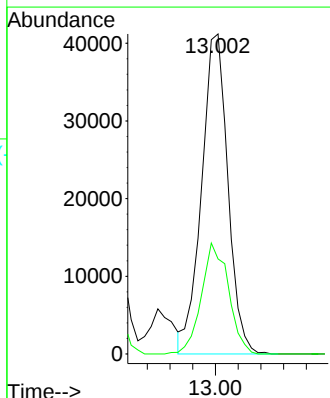
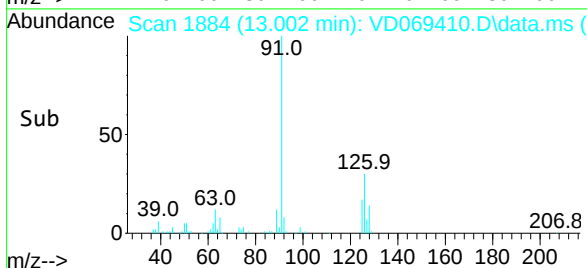
Tgt Ion: 75 Resp: 4673
Ion Ratio Lower Upper
75 100
53 100.7 62.6 94.0#
89 43.1 35.6 53.4



#82
4-Chlorotoluene
Concen: 4.892 ug/l
RT: 13.002 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VD069410.D
Acq: 11 Jun 2021 10:05



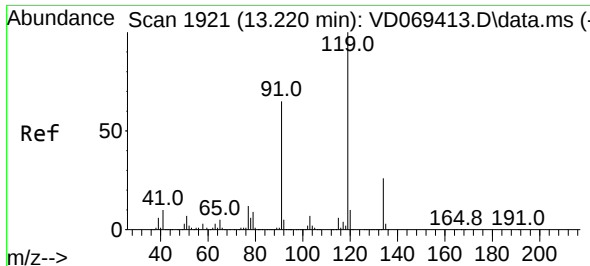
Tgt Ion: 91 Resp: 66285
Ion Ratio Lower Upper
91 100
126 35.7 17.4 52.2



Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

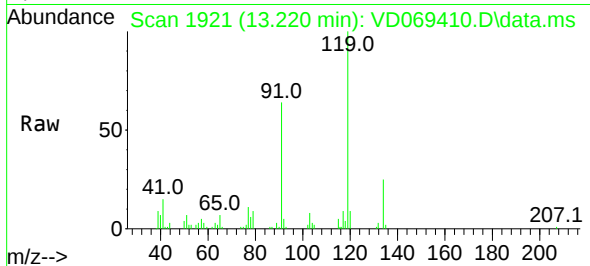
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#83
tert-Butylbenzene
Concen: 4.860 ug/l
RT: 13.220 min Scan# 1921
Delta R.T. -0.000 min
Lab File: VD069410.D
Acq: 11 Jun 2021 10:05

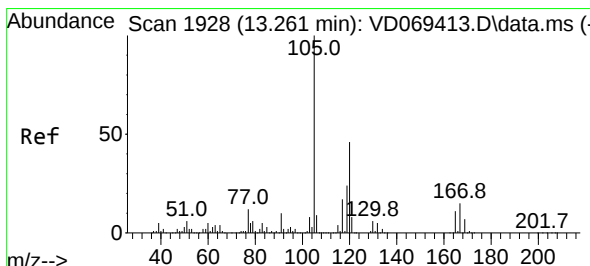
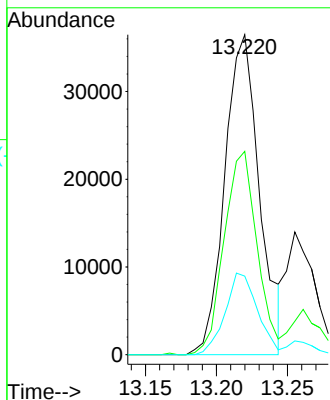
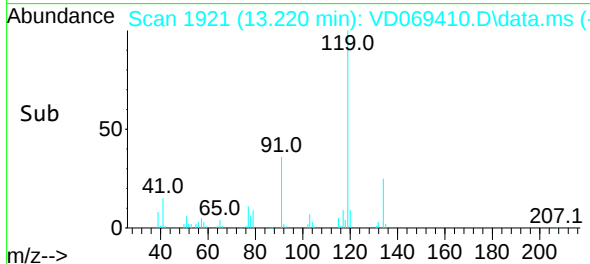
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



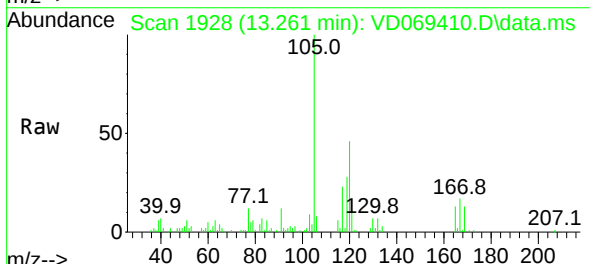
Tgt Ion:119 Resp: 61943
Ion Ratio Lower Upper
119 100
91 60.4 31.7 95.1
134 23.8 13.4 40.1

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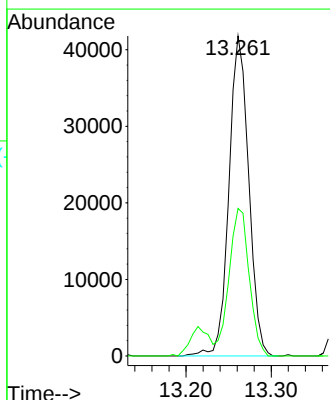
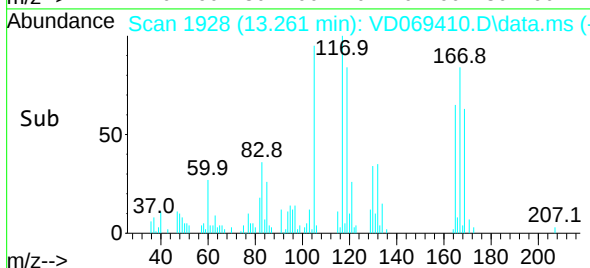
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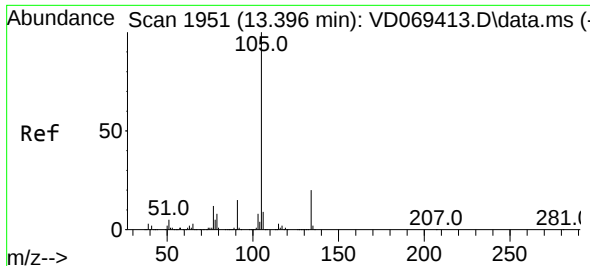


#84
1,2,4-Trimethylbenzene
Concen: 4.492 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. -0.000 min
Lab File: VD069410.D
Acq: 11 Jun 2021 10:05



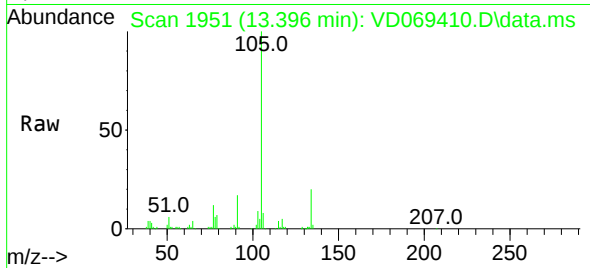
Tgt Ion:105 Resp: 67388
Ion Ratio Lower Upper
105 100
120 47.2 22.6 67.8





#85
 sec-Butylbenzene
 Concen: 4.859 ug/l
 RT: 13.396 min Scan# 1951
 Delta R.T. -0.000 min
 Lab File: VD069410.D
 Acq: 11 Jun 2021 10:05

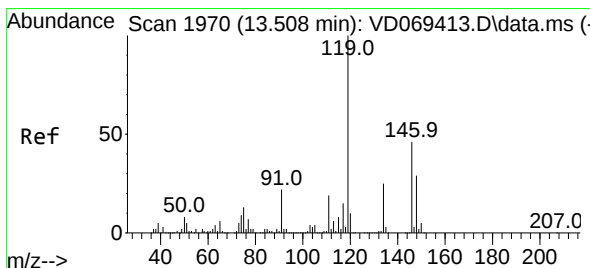
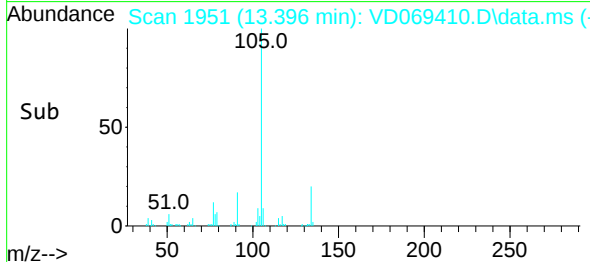
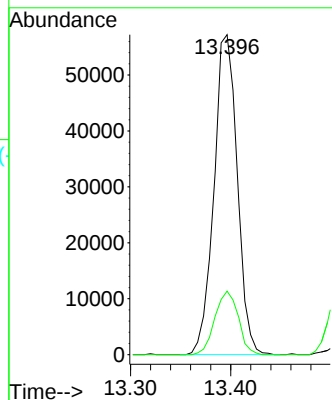
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005



Tgt Ion:105 Resp: 92316
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.1 30.3

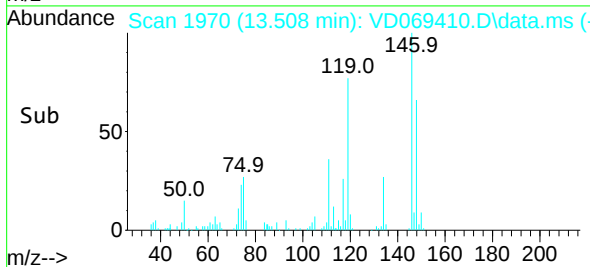
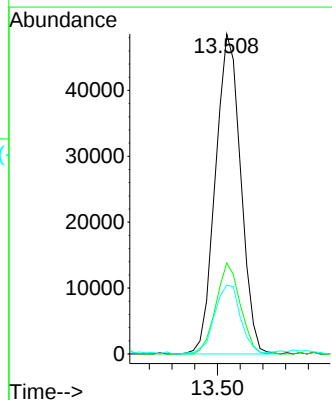
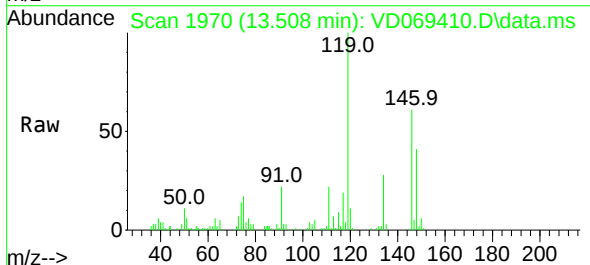
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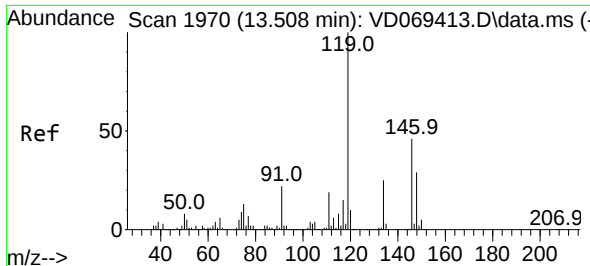
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#86
 p-Isopropyltoluene
 Concen: 4.601 ug/l
 RT: 13.508 min Scan# 1970
 Delta R.T. -0.000 min
 Lab File: VD069410.D
 Acq: 11 Jun 2021 10:05

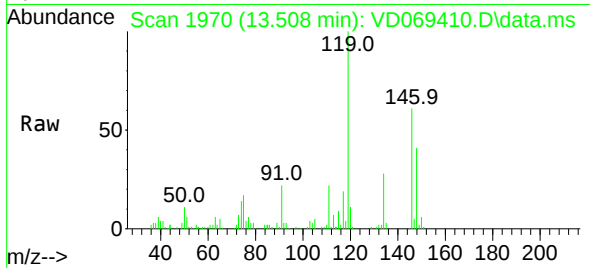
Tgt Ion:119 Resp: 75004
 Ion Ratio Lower Upper
 119 100
 134 27.4 13.0 39.0
 91 22.4 11.3 33.8





#87
1,3-Dichlorobenzene
Concen: 5.287 ug/l
RT: 13.508 min Scan# 1970
Delta R.T. -0.000 min
Lab File: VD069410.D
Acq: 11 Jun 2021 10:05

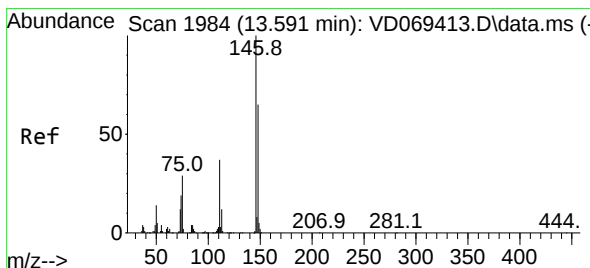
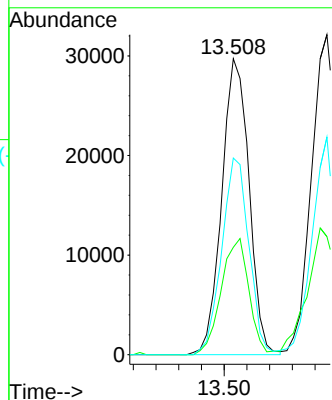
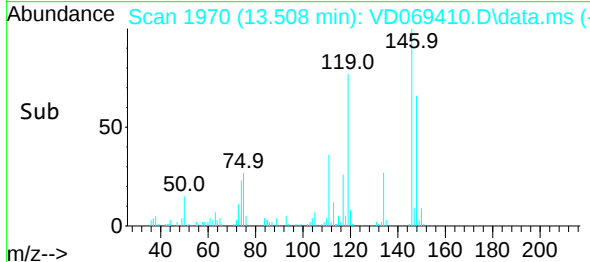
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



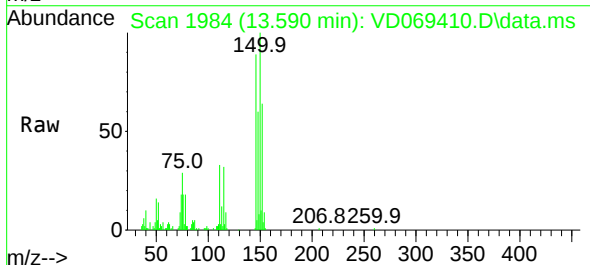
Tgt Ion:146 Resp: 49525
Ion Ratio Lower Upper
146 100
111 40.2 20.3 60.9
148 66.2 31.9 95.9

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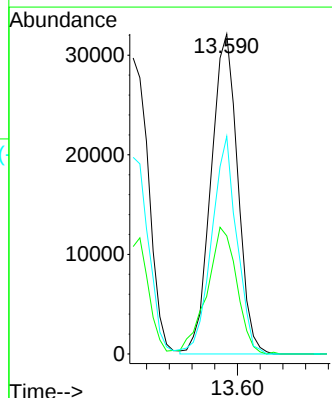
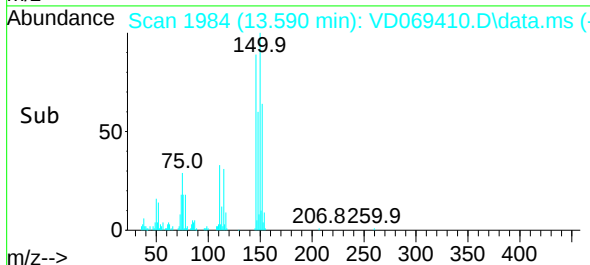
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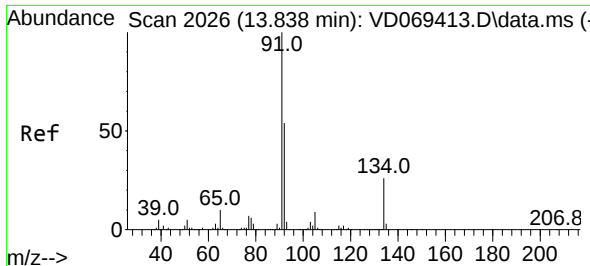


#88
1,4-Dichlorobenzene
Concen: 5.538 ug/l
RT: 13.590 min Scan# 1984
Delta R.T. -0.000 min
Lab File: VD069410.D
Acq: 11 Jun 2021 10:05



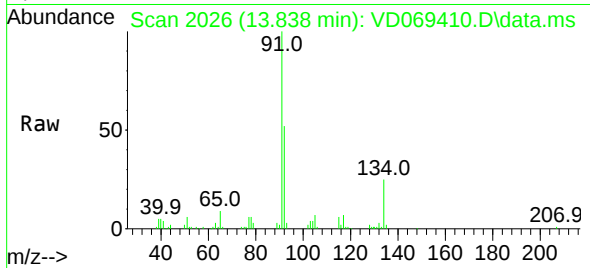
Tgt Ion:146 Resp: 52395
Ion Ratio Lower Upper
146 100
111 44.3 19.4 58.4
148 64.5 31.1 93.3





#89
n-Butylbenzene
Concen: 4.858 ug/l
RT: 13.838 min Scan# 2026
Delta R.T. -0.000 min
Lab File: VD069410.D
Acq: 11 Jun 2021 10:05

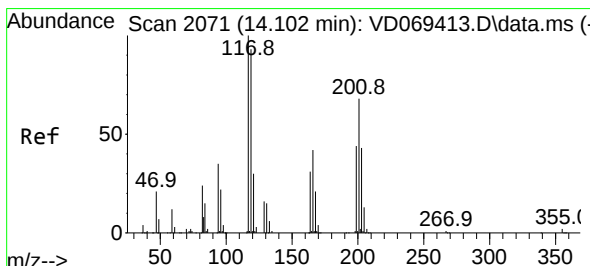
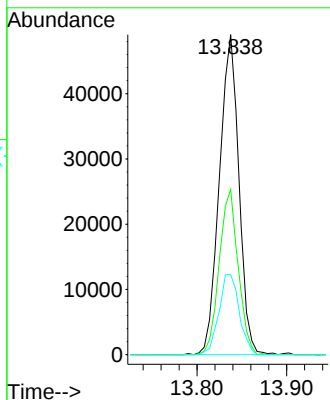
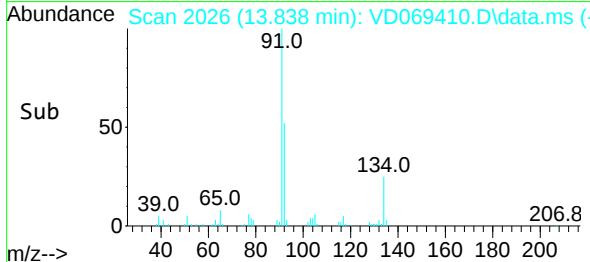
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



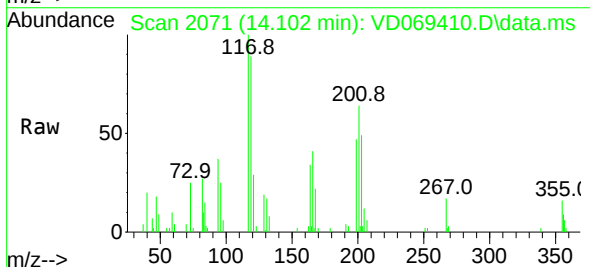
Tgt Ion: 91 Resp: 73965
Ion Ratio Lower Upper
91 100
92 50.1 26.4 79.2
134 26.1 13.0 38.9

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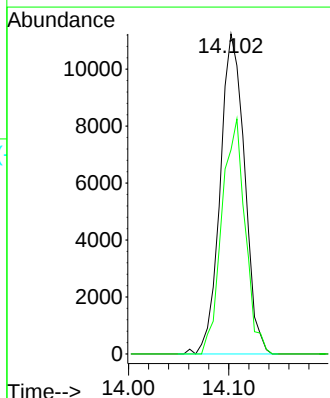
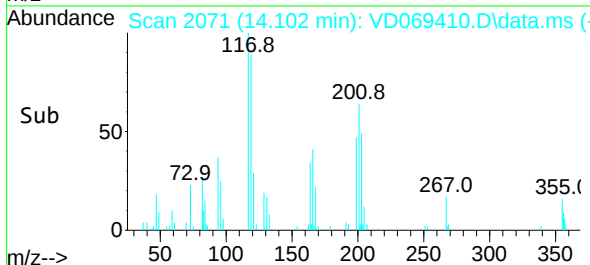
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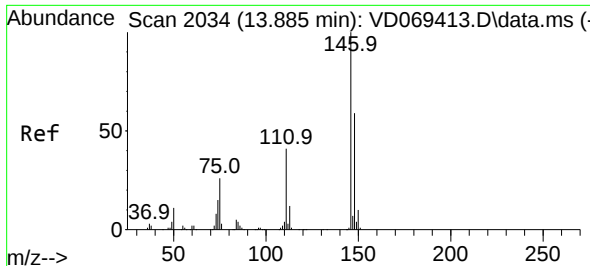


#90
Hexachloroethane
Concen: 5.617 ug/l
RT: 14.102 min Scan# 2071
Delta R.T. -0.000 min
Lab File: VD069410.D
Acq: 11 Jun 2021 10:05

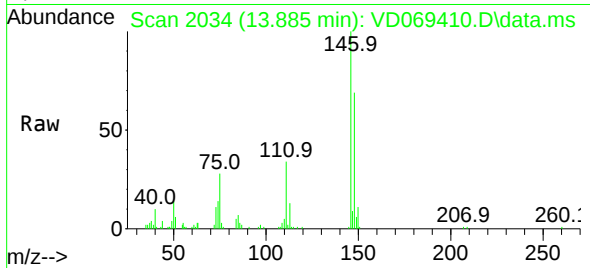


Tgt Ion: 117 Resp: 18973
Ion Ratio Lower Upper
117 100
201 70.2 36.0 108.1





#91
1,2-Dichlorobenzene
Concen: 5.232 ug/l
RT: 13.885 min Scan# 2034
Delta R.T. -0.000 min
Lab File: VD069410.D
Acq: 11 Jun 2021 10:05

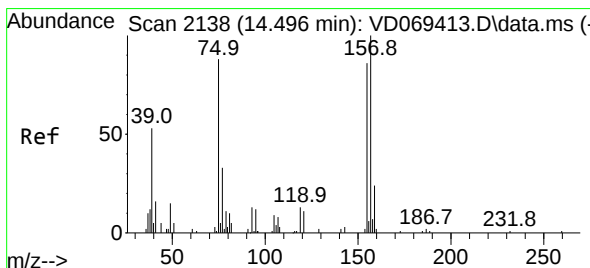
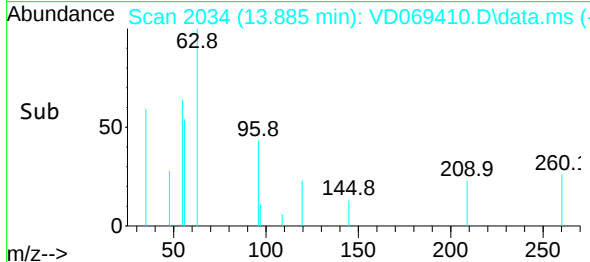
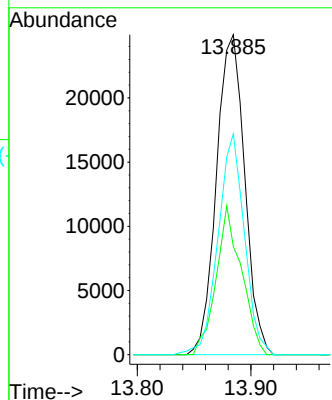


Tgt Ion:146 Resp: 43111
Ion Ratio Lower Upper
146 100
111 41.6 20.5 61.6
148 64.5 32.1 96.3

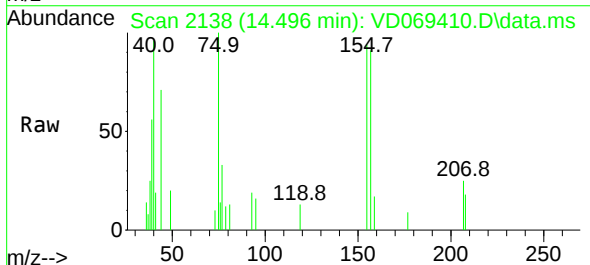
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

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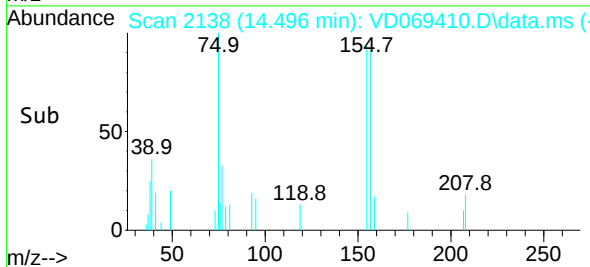
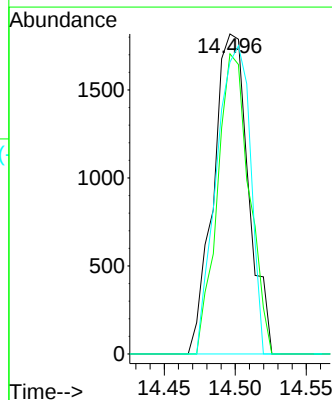
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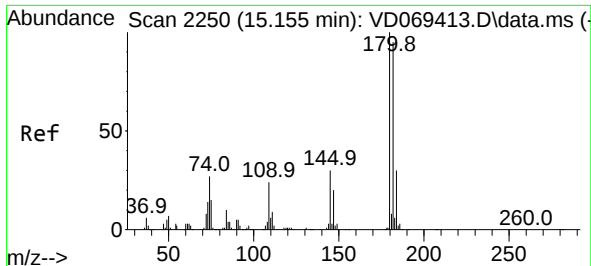


#92
1,2-Dibromo-3-Chloropropane
Concen: 5.750 ug/l
RT: 14.496 min Scan# 2138
Delta R.T. -0.000 min
Lab File: VD069410.D
Acq: 11 Jun 2021 10:05

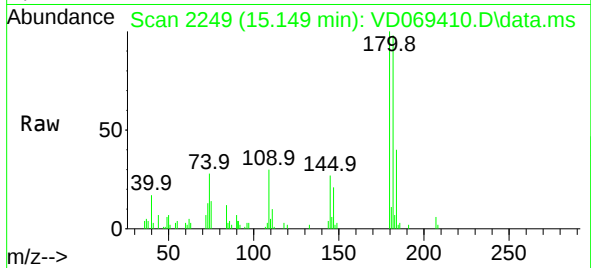


Tgt Ion: 75 Resp: 3126
Ion Ratio Lower Upper
75 100
155 85.0 42.1 126.4
157 93.0 54.4 163.3





#93
1,2,4-Trichlorobenzene
Concen: 4.904 ug/l
RT: 15.149 min Scan# 2249
Delta R.T. -0.006 min
Lab File: VD069410.D
Acq: 11 Jun 2021 10:05

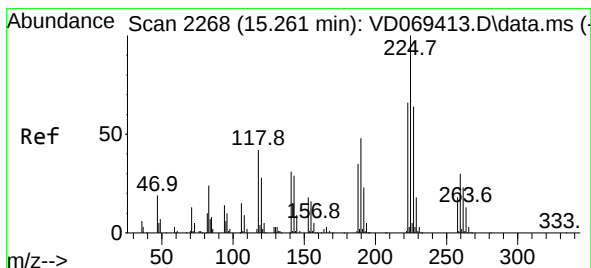
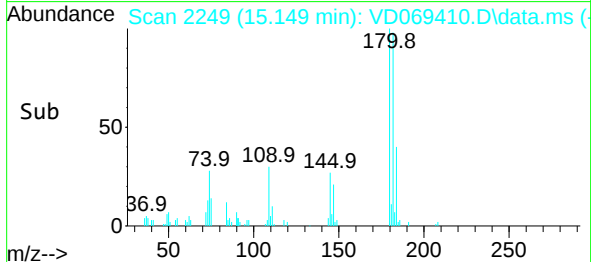
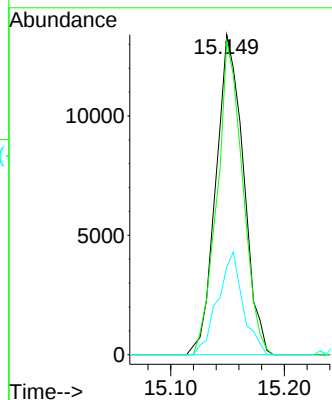


Tgt Ion:180 Resp: 22556
Ion Ratio Lower Upper
180 100
182 91.2 47.3 141.8
145 29.4 15.2 45.5

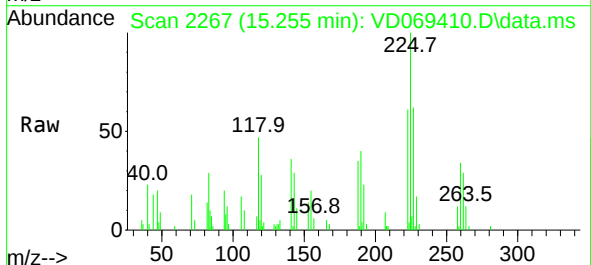
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Manual Integrations
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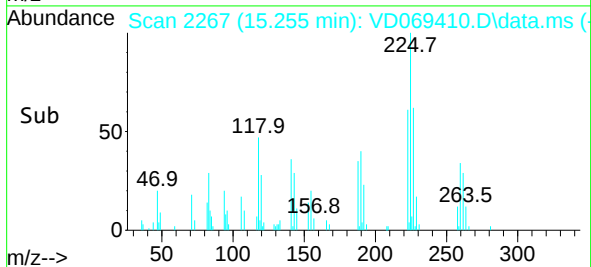
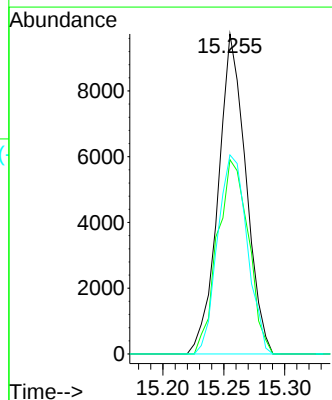
MMDadoda
6/14/2021 10:56:13 AM

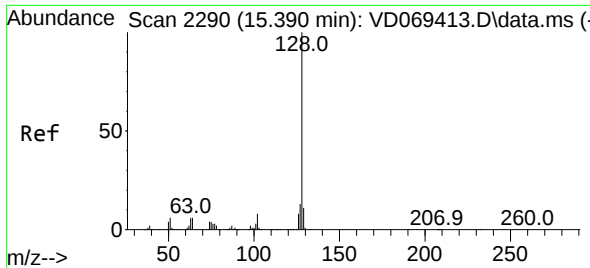


#94
Hexachlorobutadiene
Concen: 5.143 ug/l
RT: 15.255 min Scan# 2267
Delta R.T. -0.006 min
Lab File: VD069410.D
Acq: 11 Jun 2021 10:05



Tgt Ion:225 Resp: 15389
Ion Ratio Lower Upper
225 100
223 68.1 30.5 91.5
227 66.3 31.4 94.2





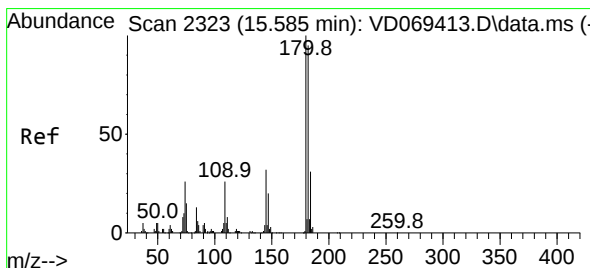
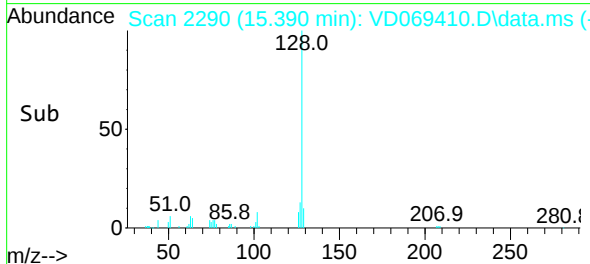
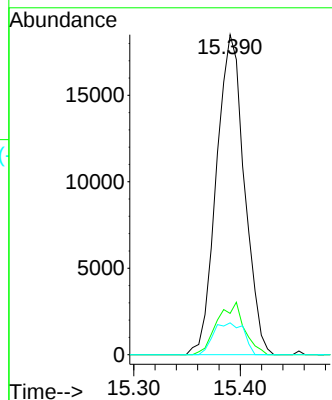
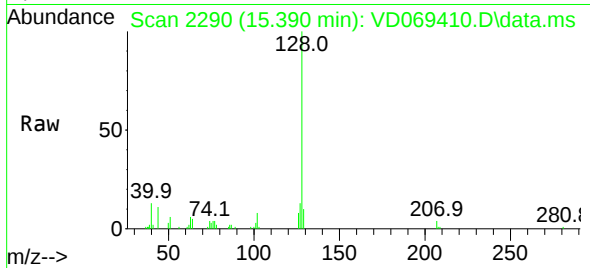
#95
Naphthalene
Concen: 4.635 ug/l
RT: 15.390 min Scan# 2290
Delta R.T. -0.000 min
Lab File: VD069410.D
Acq: 11 Jun 2021 10:05

Tgt Ion	Ratio	Lower	Upper
128	100		
127	15.9	10.4	15.6#
129	10.8	8.8	13.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 4.830 ug/l
RT: 15.579 min Scan# 2322
Delta R.T. -0.006 min
Lab File: VD069410.D
Acq: 11 Jun 2021 10:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.0	47.0	141.0
145	31.0	15.9	47.7

