

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050321\
 Data File : VD069037.D
 Acq On : 03 May 2021 11:44
 Operator : VA/SY
 Sample : VSTDIC010
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Manual Integrations
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 5/4/2021 5:35:15 PM

Quant Time: May 03 13:25:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050321S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 03 13:21:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	217885	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	386498	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	367128	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	172699	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	26436	9.66	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	19.32%#		
35) Dibromofluoromethane	7.909	113	24402	9.71	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	19.42%#		
50) Toluene-d8	10.338	98	86310	9.54	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	19.08%#		
62) 4-Bromofluorobenzene	12.632	95	28480	9.33	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	18.66%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.985	85	30228	11.10	ug/l	88
3) Chloromethane	2.209	50	36736	10.67	ug/l	94
4) Vinyl Chloride	2.344	62	44500	10.39	ug/l	97
5) Bromomethane	2.750	94	25191	10.53	ug/l	96
6) Chloroethane	2.909	64	28481	13.41	ug/l	91
7) Trichlorofluoromethane	3.256	101	50123	10.49	ug/l	98
8) Diethyl Ether	3.703	74	10874	9.66	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.079	101	25619	9.75	ug/l	91
10) Methyl Iodide	4.285	142	17273	8.93	ug/l #	87
11) Tert butyl alcohol	5.232	59	12382m	53.71	ug/l	
12) 1,1-Dichloroethene	4.062	96	23860	10.22	ug/l	87
13) Acrolein	3.921	56	9912	52.20	ug/l	98
14) Allyl chloride	4.703	41	29650	9.84	ug/l	92
15) Acrylonitrile	5.415	53	25109	49.67	ug/l	98
16) Acetone	4.162	43	23043	49.68	ug/l	93
17) Carbon Disulfide	4.403	76	81061	10.36	ug/l	99
18) Methyl Acetate	4.721	43	10731	9.23	ug/l #	62
19) Methyl tert-butyl Ether	5.479	73	50290	9.78	ug/l	99
20) Methylene Chloride	4.968	84	41373	10.56	ug/l	93
21) trans-1,2-Dichloroethene	5.473	96	26853	9.81	ug/l #	91
22) Diisopropyl ether	6.356	45	64561	9.75	ug/l #	85
23) Vinyl Acetate	6.303	43	169600	46.57	ug/l #	93
24) 1,1-Dichloroethane	6.256	63	49174	10.37	ug/l	98
25) 2-Butanone	7.215	43	29789	48.73	ug/l	89
26) 2,2-Dichloropropane	7.203	77	42758	9.78	ug/l	97
27) cis-1,2-Dichloroethene	7.215	96	28624	9.90	ug/l	90
28) Bromochloromethane	7.544	49	19948	10.01	ug/l	82
29) Tetrahydrofuran	7.567	42	18709	48.61	ug/l	91
30) Chloroform	7.709	83	51664	9.97	ug/l	90
31) Cyclohexane	7.979	56	42711	10.15	ug/l #	88
32) 1,1,1-Trichloroethane	7.903	97	49723	10.45	ug/l	95
36) 1,1-Dichloropropene	8.114	75	38338	9.93	ug/l	98
37) Ethyl Acetate	7.285	43	13628	9.19	ug/l	97
38) Carbon Tetrachloride	8.097	117	43035	10.34	ug/l	92
39) Methylcyclohexane	9.350	83	40993	9.63	ug/l	98
40) Benzene	8.350	78	111619	10.13	ug/l	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	8420	10.35	ug/l	93
42) 1,2-Dichloroethane	8.420	62	34883	9.89	ug/l	94
43) Isopropyl Acetate	8.456	43	28317	10.00	ug/l #	56
44) Trichloroethene	9.114	130	29478	10.25	ug/l	91
45) 1,2-Dichloropropane	9.385	63	27136	9.99	ug/l	94
46) Dibromomethane	9.473	93	15763	9.89	ug/l	92
47) Bromodichloromethane	9.661	83	42789	10.13	ug/l	96
48) Methyl methacrylate	9.456	41	11355	9.01	ug/l #	87
49) 1,4-Dioxane	9.461	88	3928	215.24	ug/l #	83
51) 4-Methyl-2-Pentanone	10.226	43	66666	46.75	ug/l	89
52) Toluene	10.403	92	67159	9.81	ug/l	98
53) t-1,3-Dichloropropene	10.620	75	36268	10.06	ug/l	93
54) cis-1,3-Dichloropropene	10.085	75	41375	10.01	ug/l #	83
55) 1,1,2-Trichloroethane	10.797	97	20009	9.57	ug/l	95
56) Ethyl methacrylate	10.661	69	20588	9.61	ug/l #	85
57) 1,3-Dichloropropane	10.944	76	35612	9.94	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.944	63	55381	47.33	ug/l	99
59) 2-Hexanone	10.985	43	45651	47.63	ug/l	89
60) Dibromochloromethane	11.138	129	26133	9.71	ug/l	98
61) 1,2-Dibromoethane	11.244	107	20020	9.98	ug/l	99
64) Tetrachloroethene	10.873	164	22741	9.89	ug/l	97
65) Chlorobenzene	11.667	112	72325	9.67	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.738	131	29013	10.15	ug/l	96
67) Ethyl Benzene	11.744	91	125164	9.65	ug/l	96
68) m/p-Xylenes	11.850	106	95715	19.69	ug/l	99
69) o-Xylene	12.179	106	41493	9.55	ug/l	93
70) Styrene	12.191	104	73952	9.66	ug/l	97
71) Bromoform	12.355	173	13759	9.59	ug/l #	96
73) Isopropylbenzene	12.479	105	116716	10.03	ug/l	98
74) N-amyl acetate	12.285	43	23227	9.48	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.726	83	23364	9.99	ug/l	98
76) 1,2,3-Trichloropropane	12.785	75	15535m	9.81	ug/l	
77) Bromobenzene	12.755	156	27540	10.13	ug/l	92
78) n-propylbenzene	12.814	91	142212	9.94	ug/l	98
79) 2-Chlorotoluene	12.902	91	81807	10.15	ug/l	100
80) 1,3,5-Trimethylbenzene	12.955	105	98628	9.96	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.526	75	6469	9.30	ug/l	89
82) 4-Chlorotoluene	12.997	91	86362	9.85	ug/l	99
83) tert-Butylbenzene	13.220	119	80760	9.83	ug/l	97
84) 1,2,4-Trimethylbenzene	13.261	105	99962	9.98	ug/l	99
85) sec-Butylbenzene	13.397	105	118804	10.02	ug/l	100
86) p-Isopropyltoluene	13.508	119	101606	9.56	ug/l	98
87) 1,3-Dichlorobenzene	13.514	146	55975	9.97	ug/l	97
88) 1,4-Dichlorobenzene	13.591	146	57737	10.30	ug/l	95
89) n-Butylbenzene	13.838	91	99269	9.72	ug/l	96
90) Hexachloroethane	14.102	117	21884	9.79	ug/l	94
91) 1,2-Dichlorobenzene	13.885	146	48546	10.10	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.496	75	4021	10.15	ug/l	73
93) 1,2,4-Trichlorobenzene	15.155	180	29190	10.14	ug/l	93
94) Hexachlorobutadiene	15.261	225	17976	10.83	ug/l	94
95) Naphthalene	15.391	128	50133	9.69	ug/l	99
96) 1,2,3-Trichlorobenzene	15.585	180	25044	10.02	ug/l	96

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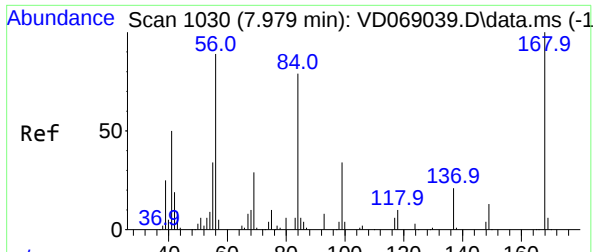
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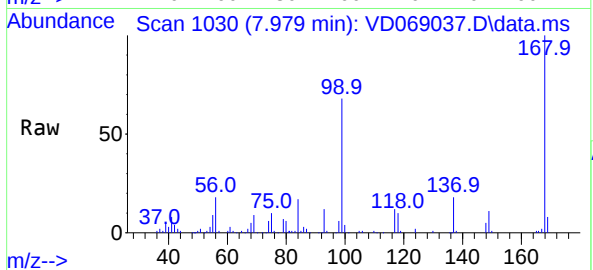
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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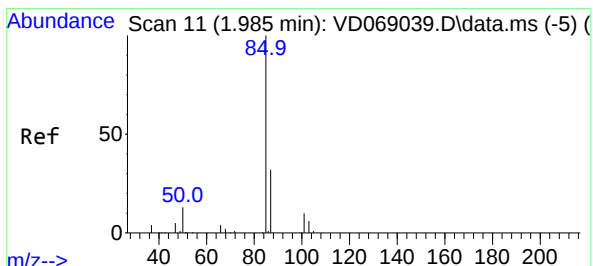
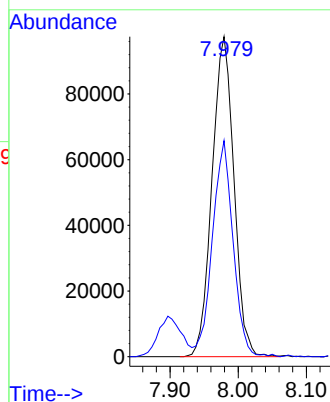
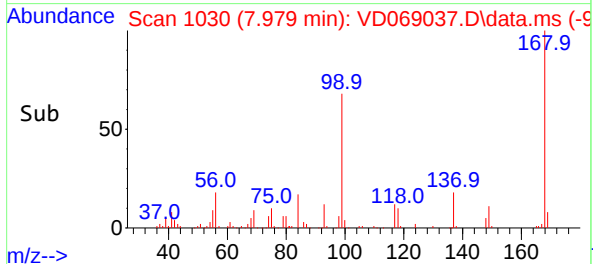
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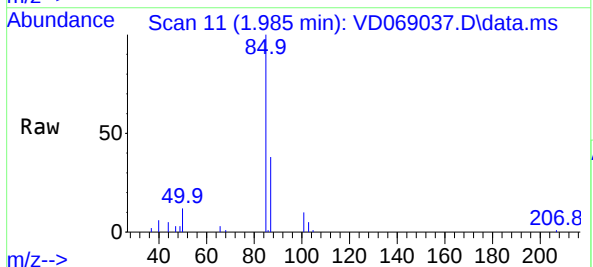
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069037.D
Acq: 03 May 2021 11:44



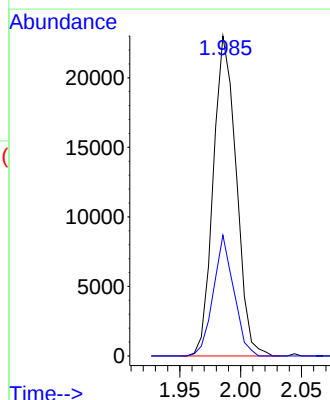
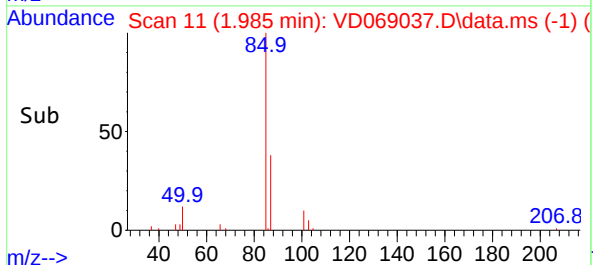
Tgt Ion: 168 Resp: 217885
Ion Ratio Lower Upper
168 100
99 67.5 46.2 69.2



#2
Dichlorodifluoromethane
Concen: 11.10 ug/l
RT: 1.985 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD069037.D
Acq: 03 May 2021 11:44



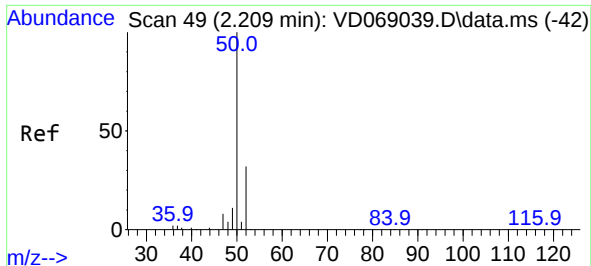
Tgt Ion: 85 Resp: 30228
Ion Ratio Lower Upper
85 100
87 37.8 15.7 47.0



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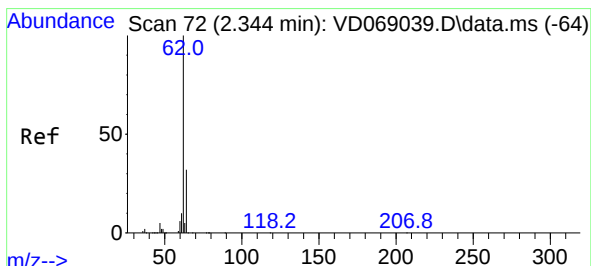
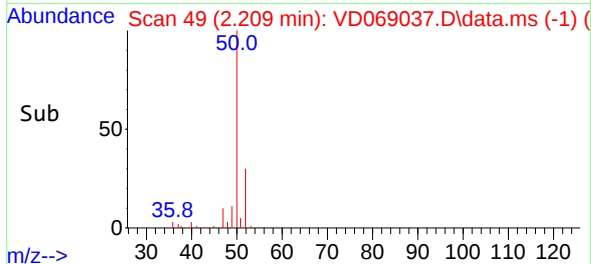
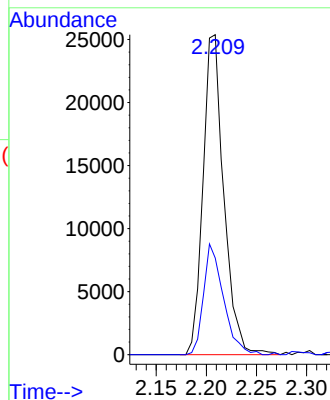
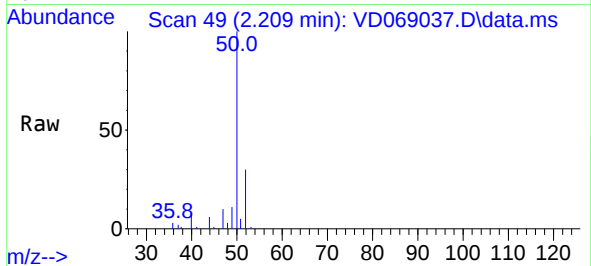
#3
Chloromethane
Concen: 10.67 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD069037.D
Acq: 03 May 2021 11:44

Tgt Ion: 50 Resp: 36736
Ion Ratio Lower Upper
50 100
52 30.2 26.7 40.1

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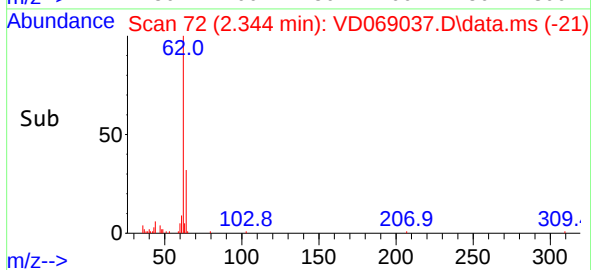
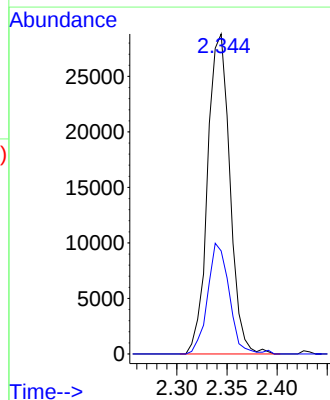
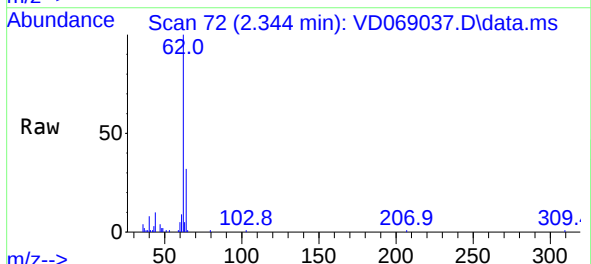
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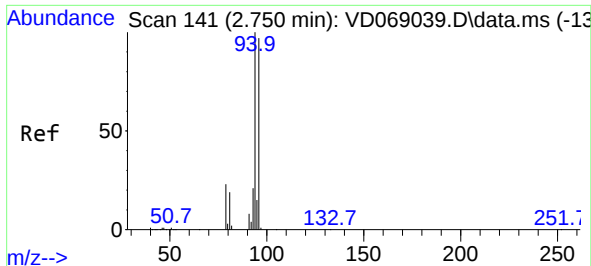
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#4
Vinyl Chloride
Concen: 10.39 ug/l
RT: 2.344 min Scan# 72
Delta R.T. 0.000 min
Lab File: VD069037.D
Acq: 03 May 2021 11:44

Tgt Ion: 62 Resp: 44500
Ion Ratio Lower Upper
62 100
64 32.2 27.1 40.7





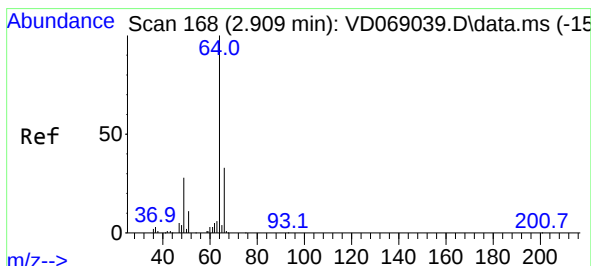
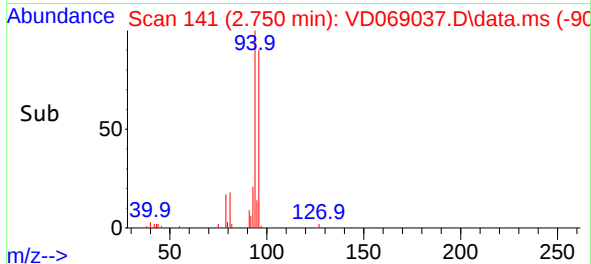
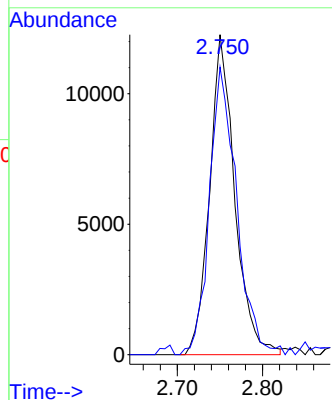
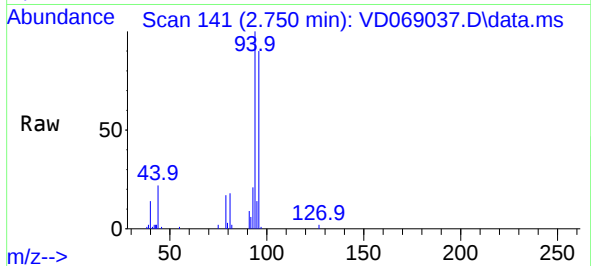
#5
Bromomethane
Concen: 10.53 ug/l
RT: 2.750 min Scan# 141
Delta R.T. 0.000 min
Lab File: VD069037.D
Acq: 03 May 2021 11:44

Tgt Ion: 94 Resp: 25191
Ion Ratio Lower Upper
94 100
96 89.8 74.7 112.1

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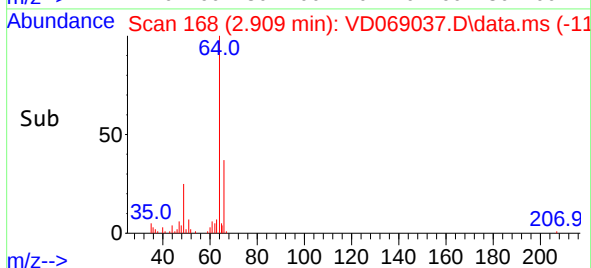
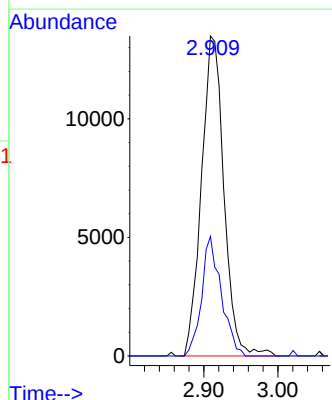
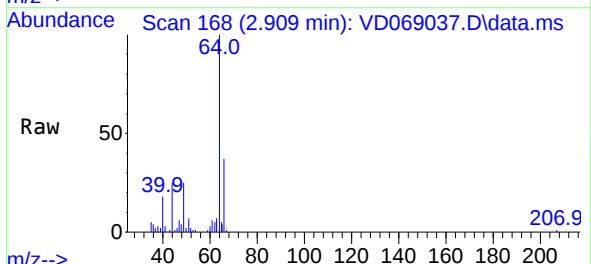
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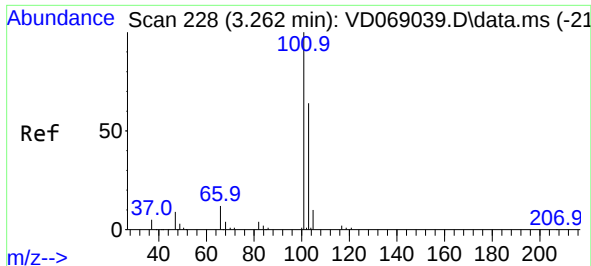
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#6
Chloroethane
Concen: 13.41 ug/l
RT: 2.909 min Scan# 168
Delta R.T. 0.000 min
Lab File: VD069037.D
Acq: 03 May 2021 11:44

Tgt Ion: 64 Resp: 28481
Ion Ratio Lower Upper
64 100
66 37.3 26.0 39.0





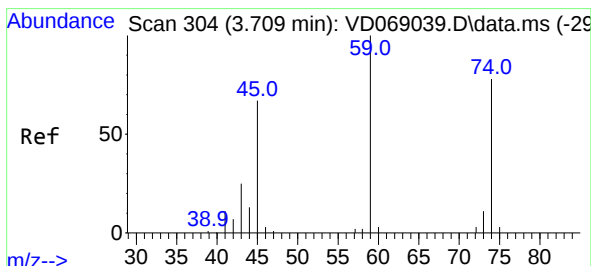
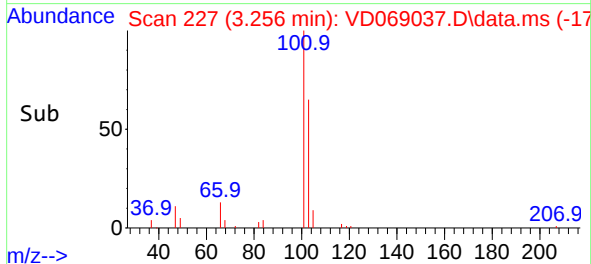
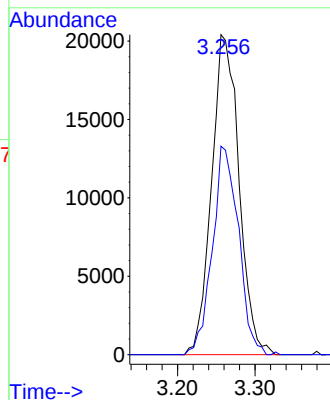
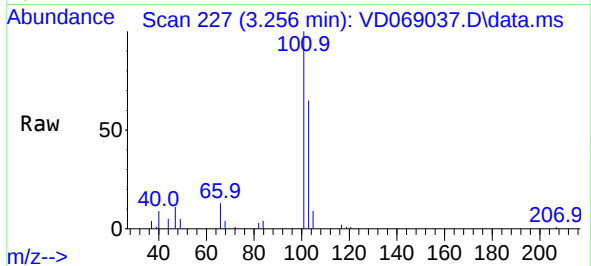
#7
Trichlorofluoromethane
Concen: 10.49 ug/l
RT: 3.256 min Scan# 227
Delta R.T. -0.006 min
Lab File: VD069037.D
Acq: 03 May 2021 11:44

Tgt Ion:101 Resp: 50123
Ion Ratio Lower Upper
101 100
103 65.1 53.4 80.2

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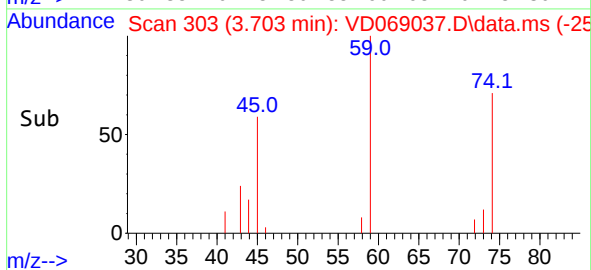
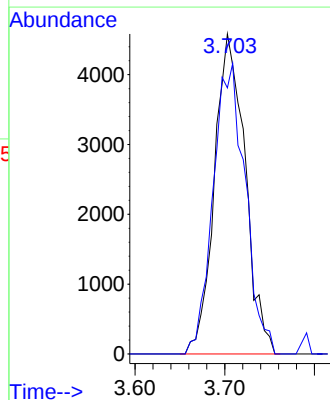
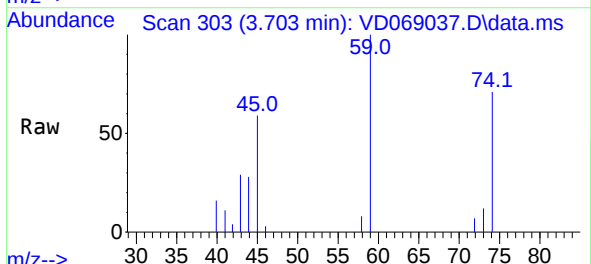
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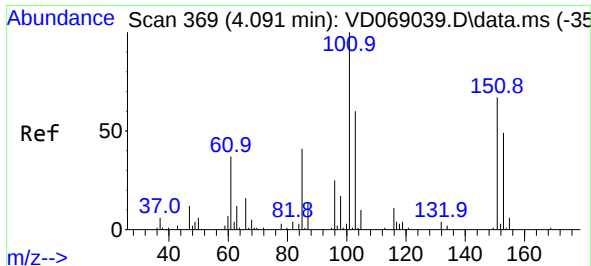
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#8
Diethyl Ether
Concen: 9.66 ug/l
RT: 3.703 min Scan# 303
Delta R.T. -0.006 min
Lab File: VD069037.D
Acq: 03 May 2021 11:44

Tgt Ion: 74 Resp: 10874
Ion Ratio Lower Upper
74 100
45 95.1 40.5 121.5





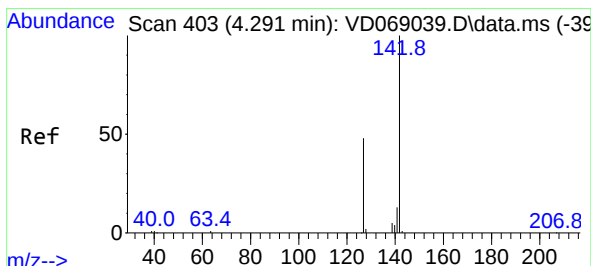
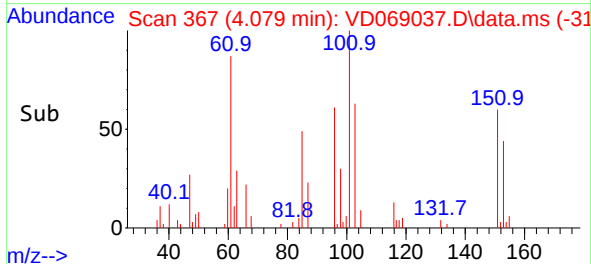
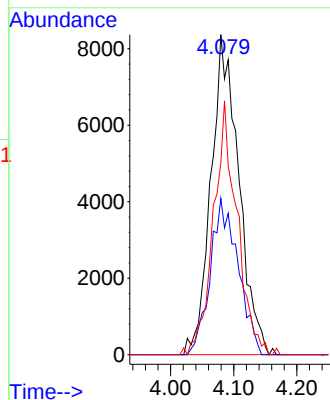
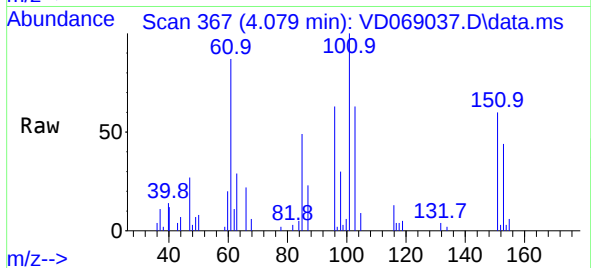
#9
1,1,2-Trichlorotrifluoroethane
Concen: 9.75 ug/l
RT: 4.079 min Scan# 367
Delta R.T. -0.012 min
Lab File: VD069037.D
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Tgt Ion:	101	Resp:	25619
Ion	Ratio	Lower	Upper
101	100		
85	48.7	33.8	50.6
151	67.3	59.4	89.2

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ClientSampleId :
VSTDIC010

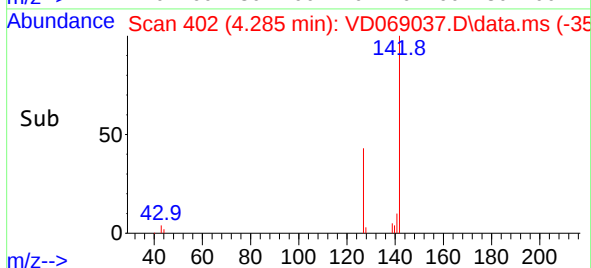
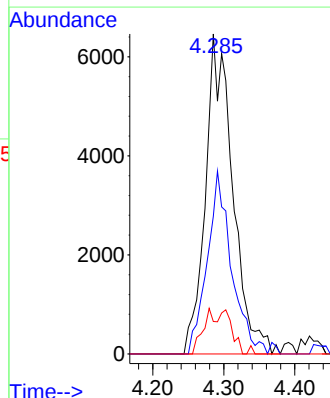
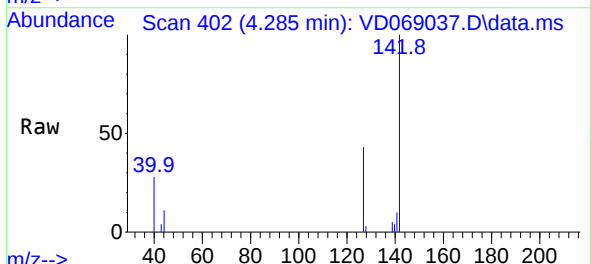
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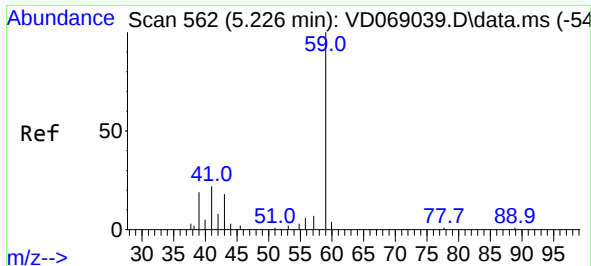
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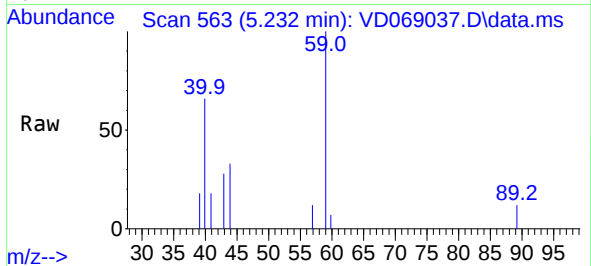
#10
Methyl Iodide
Concen: 8.93 ug/l
RT: 4.285 min Scan# 402
Delta R.T. -0.006 min
Lab File: VD069037.D
Acq: 03 May 2021 11:44

Tgt Ion:	142	Resp:	17273
Ion	Ratio	Lower	Upper
142	100		
127	50.8	34.7	52.1
141	7.1	11.0	16.4

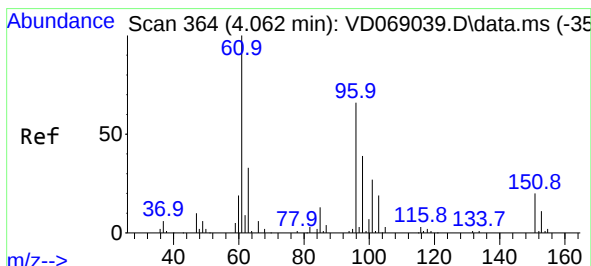
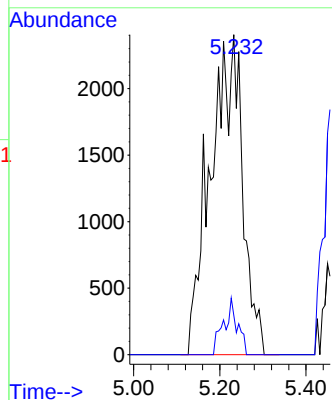
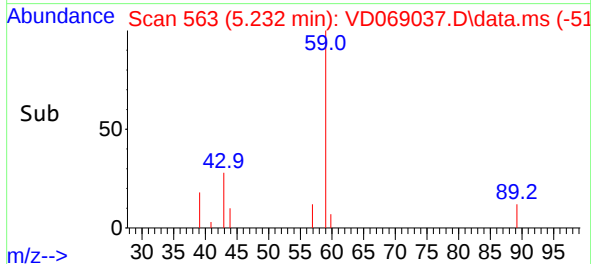




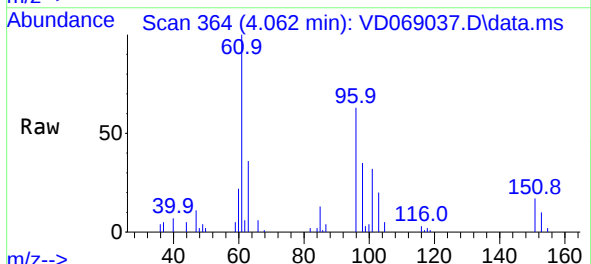
#11
Tert butyl alcohol
Concen: 53.71 ug/l m
RT: 5.232 min Scan# 563
Delta R.T. 0.006 min
Lab File: VD069037.D
Acq: 03 May 2021 11:44



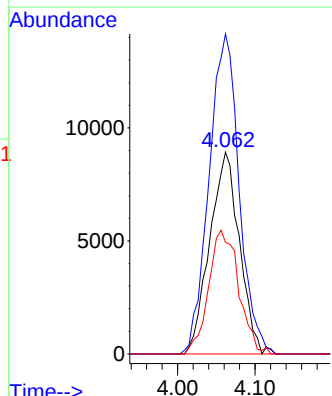
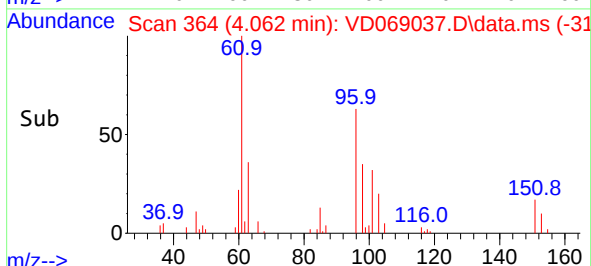
Tgt Ion: 59 Resp: 12382
Ion Ratio Lower Upper
59 100
57 7.6 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 10.22 ug/l
RT: 4.062 min Scan# 364
Delta R.T. 0.000 min
Lab File: VD069037.D
Acq: 03 May 2021 11:44



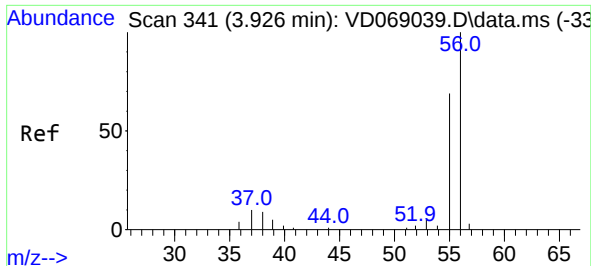
Tgt Ion: 96 Resp: 23860
Ion Ratio Lower Upper
96 100
61 158.5 112.2 168.2
98 55.3 50.2 75.2



Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

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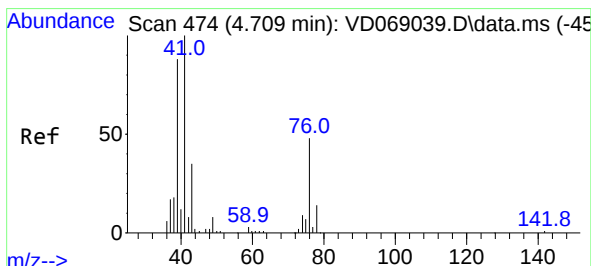
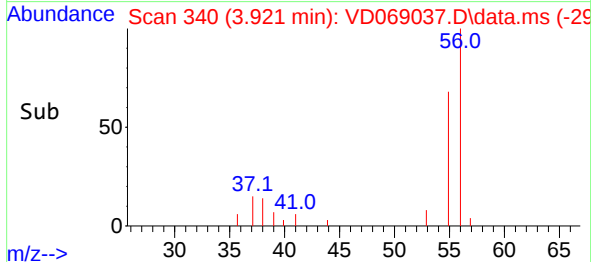
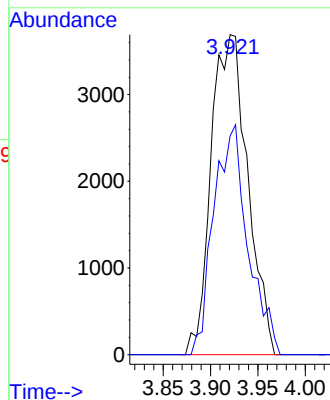
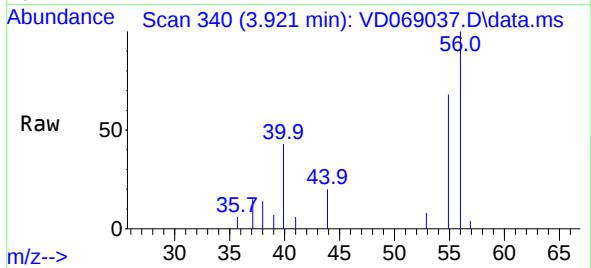
#13
Acrolein
Concen: 52.20 ug/l
RT: 3.921 min Scan# 340
Delta R.T. -0.006 min
Lab File: VD069037.D
Acq: 03 May 2021 11:44

Tgt Ion: 56 Resp: 9912
Ion Ratio Lower Upper
56 100
55 67.2 54.7 82.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

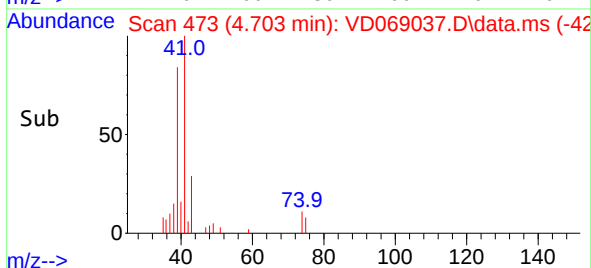
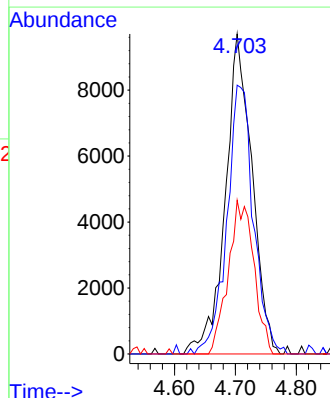
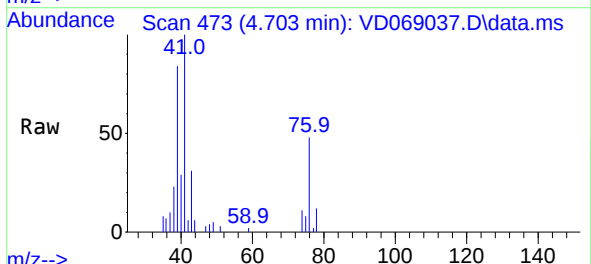
Manual Integrations
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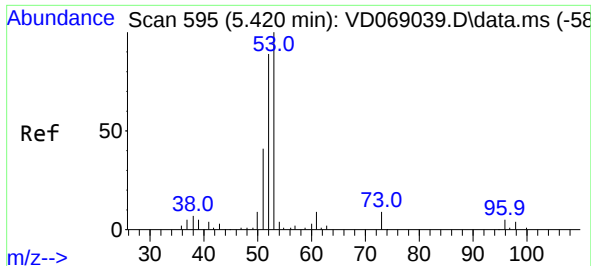
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#14
Allyl chloride
Concen: 9.84 ug/l
RT: 4.703 min Scan# 473
Delta R.T. -0.006 min
Lab File: VD069037.D
Acq: 03 May 2021 11:44

Tgt Ion: 41 Resp: 29650
Ion Ratio Lower Upper
41 100
39 83.6 60.6 91.0
76 45.8 40.4 60.6





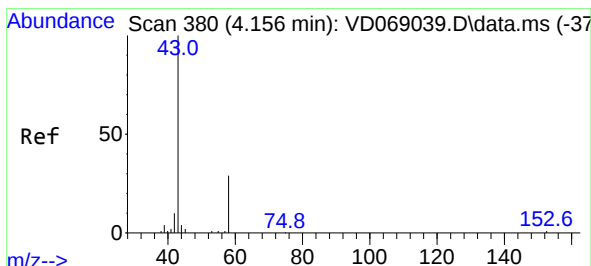
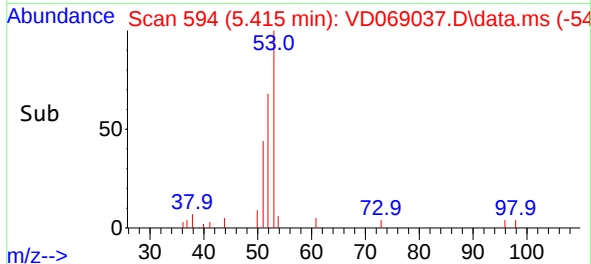
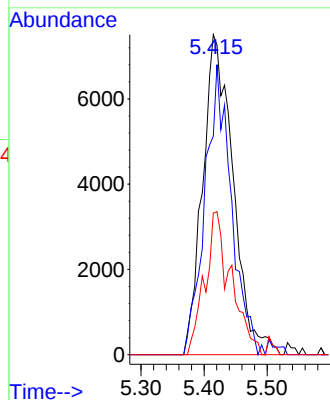
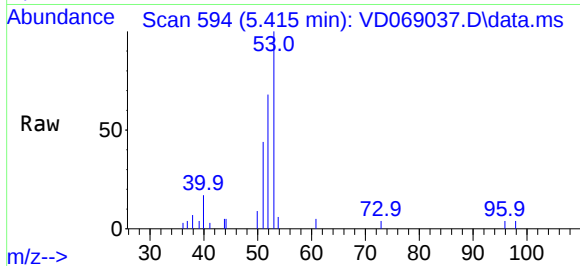
#15
Acrylonitrile
Concen: 49.67 ug/l
RT: 5.415 min Scan# 594
Delta R.T. -0.006 min
Lab File: VD069037.D
Acq: 03 May 2021 11:44

Tgt Ion:	53	Resp:	25109
Ion	Ratio	Lower	Upper
53	100		
52	78.4	63.3	94.9
51	38.7	28.3	42.5

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

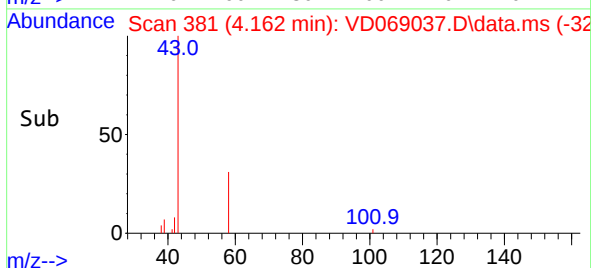
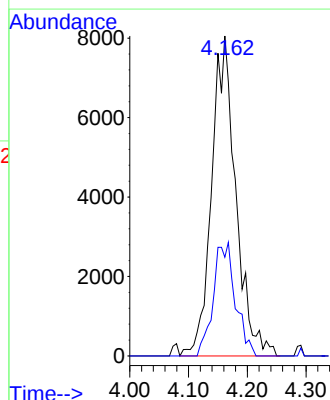
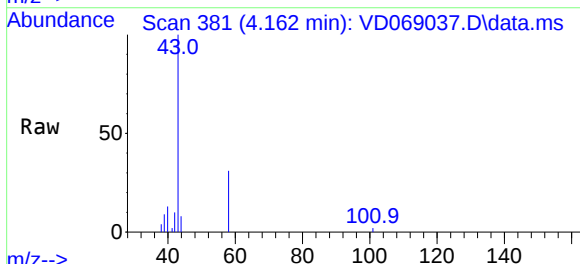
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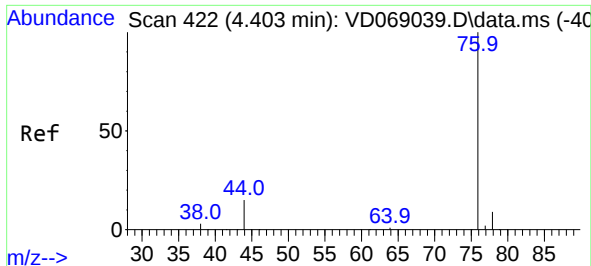
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#16
Acetone
Concen: 49.68 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD069037.D
Acq: 03 May 2021 11:44

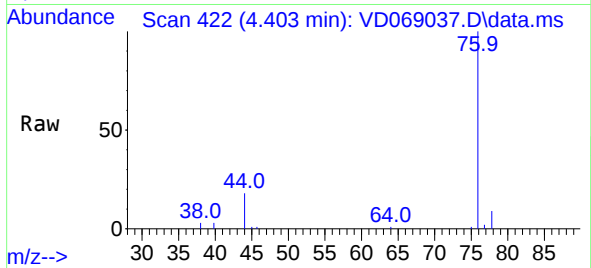
Tgt Ion:	43	Resp:	23043
Ion	Ratio	Lower	Upper
43	100		
58	30.9	28.0	42.0





#17
Carbon Disulfide
Concen: 10.36 ug/l
RT: 4.403 min Scan# 422
Delta R.T. 0.000 min
Lab File: VD069037.D
Acq: 03 May 2021 11:44

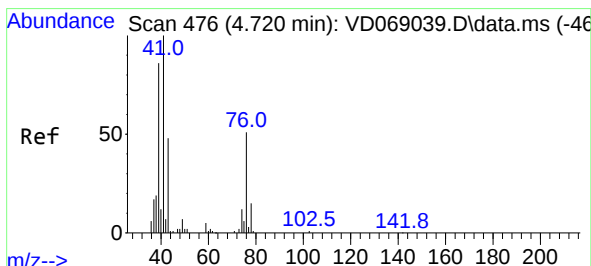
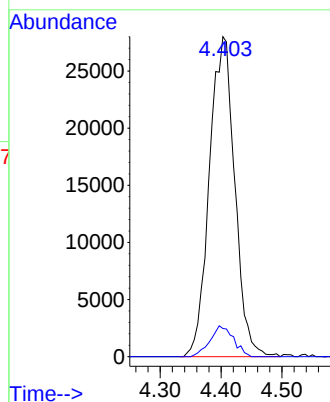
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



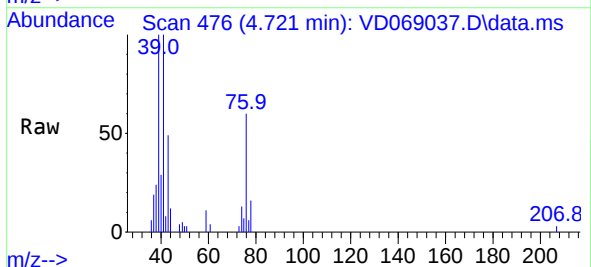
Tgt Ion: 76 Resp: 81061
Ion Ratio Lower Upper
76 100
78 8.8 7.3 10.9

Manual Integrations
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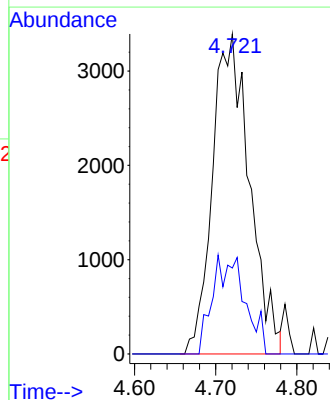
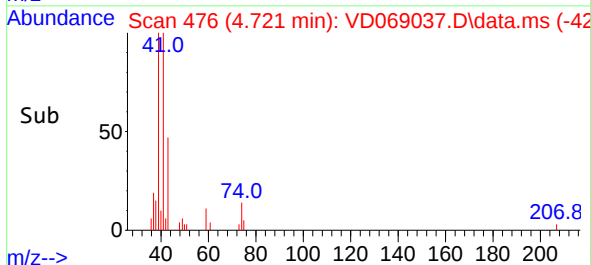
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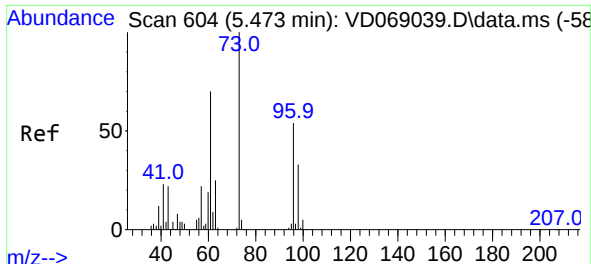


#18
Methyl Acetate
Concen: 9.23 ug/l
RT: 4.721 min Scan# 476
Delta R.T. 0.000 min
Lab File: VD069037.D
Acq: 03 May 2021 11:44

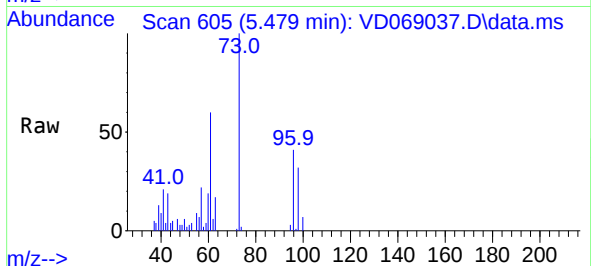


Tgt Ion: 43 Resp: 10731
Ion Ratio Lower Upper
43 100
74 10.5 25.4 38.2#

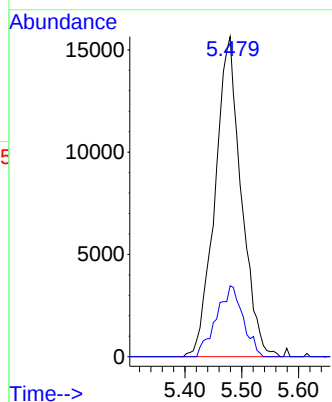




#19
Methyl tert-butyl Ether
Concen: 9.78 ug/l
RT: 5.479 min Scan# 605
Delta R.T. 0.006 min
Lab File: VD069037.D
Acq: 03 May 2021 11:44



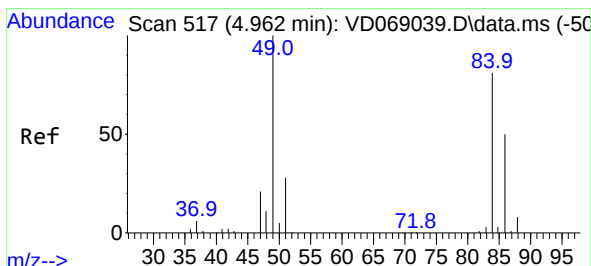
Tgt Ion: 73 Resp: 50290
Ion Ratio Lower Upper
73 100
57 22.2 17.3 25.9



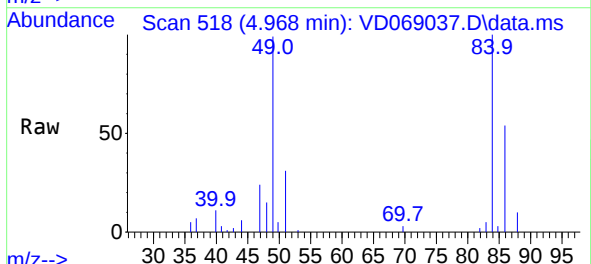
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Manual Integrations
APPROVED

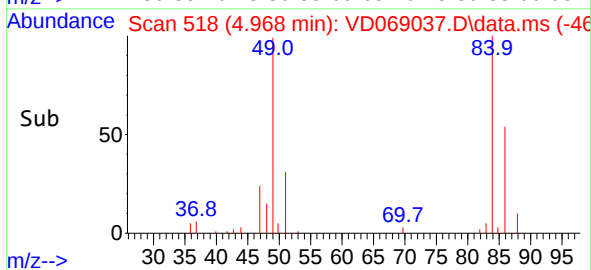
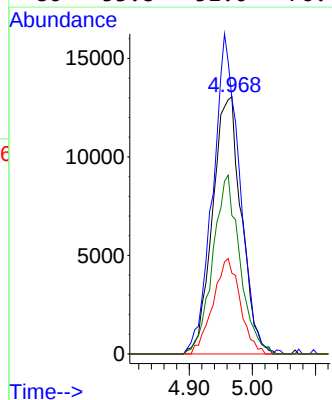
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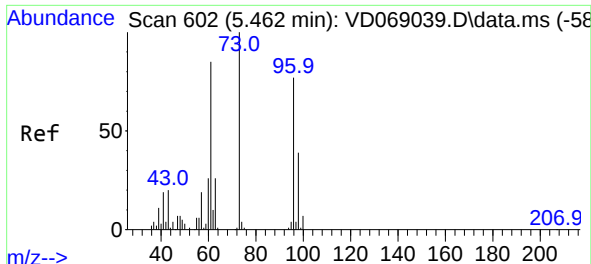


#20
Methylene Chloride
Concen: 10.56 ug/l
RT: 4.968 min Scan# 518
Delta R.T. 0.006 min
Lab File: VD069037.D
Acq: 03 May 2021 11:44



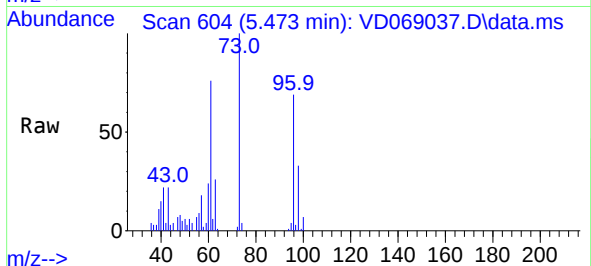
Tgt Ion: 84 Resp: 41373
Ion Ratio Lower Upper
84 100
49 99.3 83.4 125.0
51 31.4 23.4 35.2
86 53.8 51.0 76.4





#21
trans-1,2-Dichloroethene
Concen: 9.81 ug/l
RT: 5.473 min Scan# 604
Delta R.T. 0.012 min
Lab File: VD069037.D
Acq: 03 May 2021 11:44

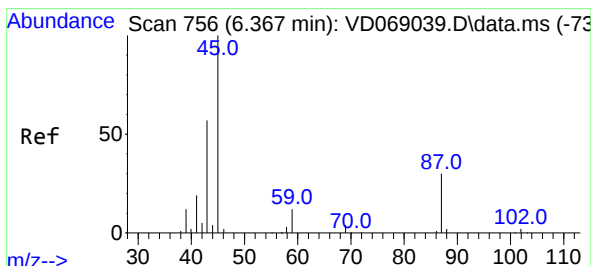
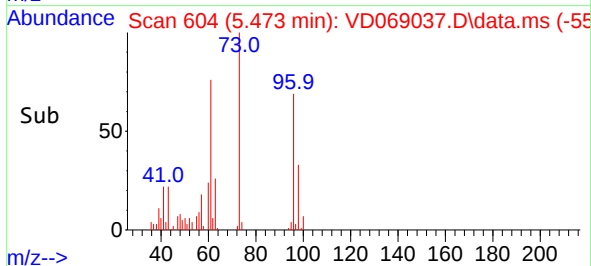
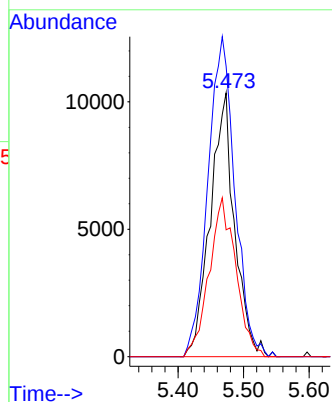
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



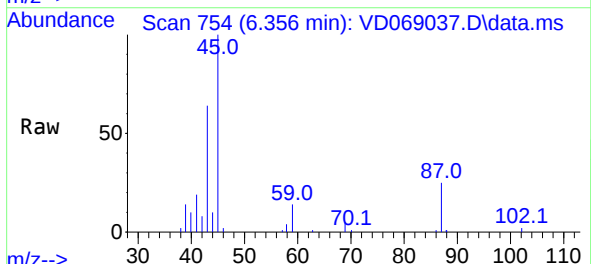
Tgt Ion: 96 Resp: 26853
Ion Ratio Lower Upper
96 100
61 110.1 91.8 137.6
98 48.1 49.3 73.9#

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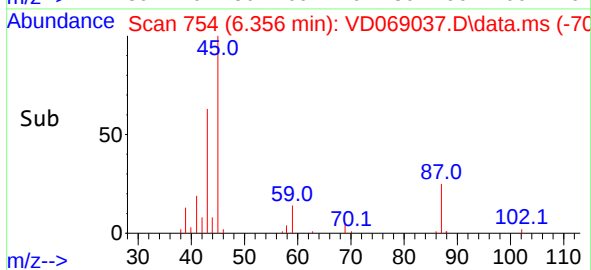
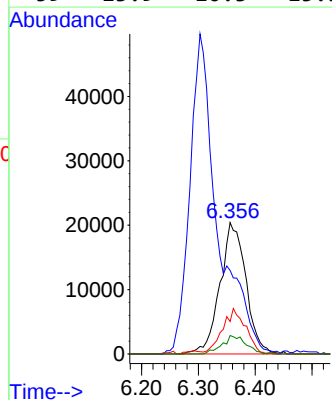
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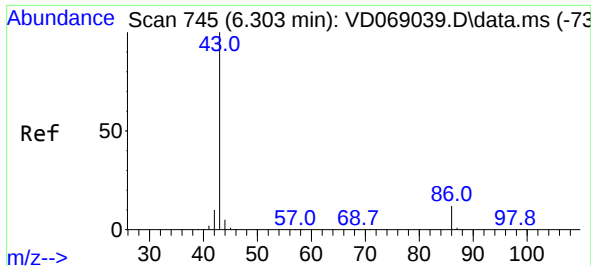


#22
Diisopropyl ether
Concen: 9.75 ug/l
RT: 6.356 min Scan# 754
Delta R.T. -0.012 min
Lab File: VD069037.D
Acq: 03 May 2021 11:44

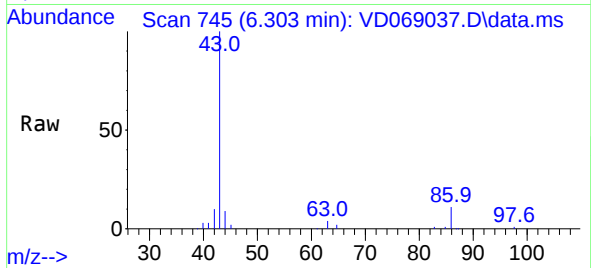


Tgt Ion: 45 Resp: 64561
Ion Ratio Lower Upper
45 100
43 62.8 41.8 62.8#
87 24.7 29.2 43.8#
59 13.9 10.3 15.5

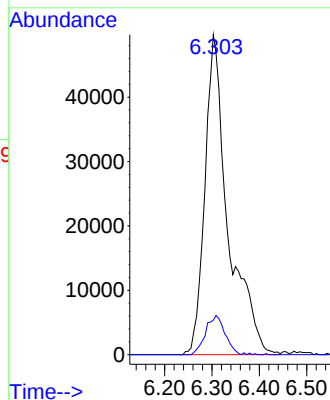
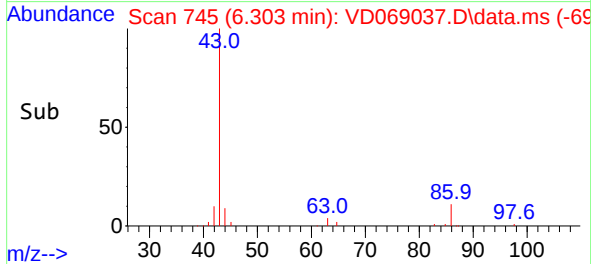




#23
 Vinyl Acetate
 Concen: 46.57 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. 0.000 min
 Lab File: VD069037.D
 Acq: 03 May 2021 11:44



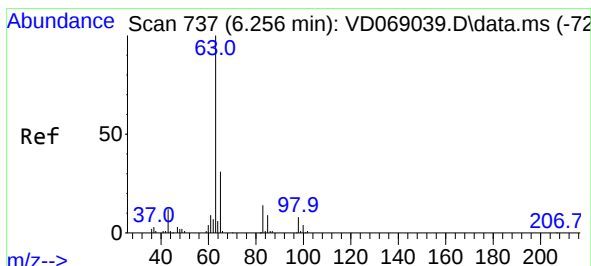
Tgt Ion: 43 Resp: 169600
 Ion Ratio Lower Upper
 43 100
 86 10.8 11.0 16.6#



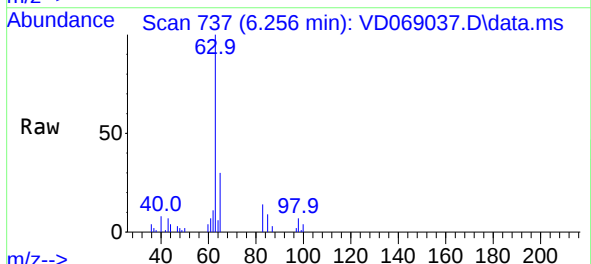
Instrument :
 MSVOA_D
 ClientSampleID :
 VSTDIC010

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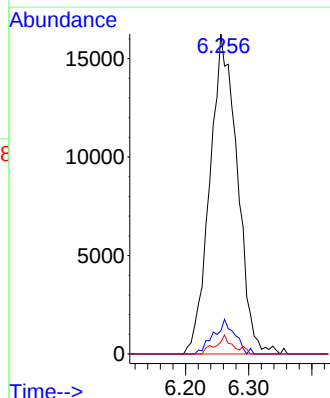
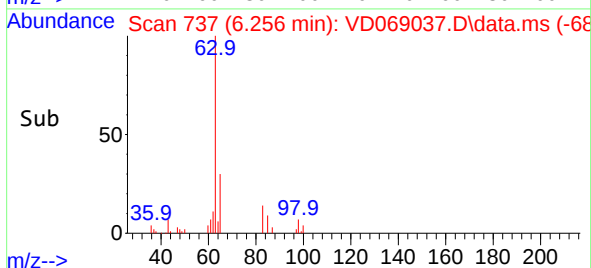
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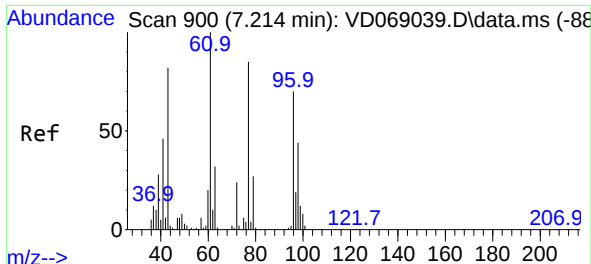


#24
 1,1-Dichloroethane
 Concen: 10.37 ug/l
 RT: 6.256 min Scan# 737
 Delta R.T. 0.000 min
 Lab File: VD069037.D
 Acq: 03 May 2021 11:44



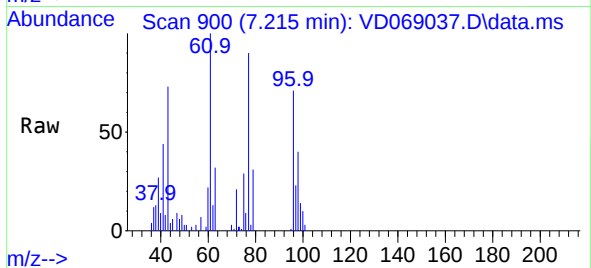
Tgt Ion: 63 Resp: 49174
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.8 11.2
 100 3.7 2.3 6.9





#25
2-Butanone
Concen: 48.73 ug/l
RT: 7.215 min Scan# 900
Delta R.T. 0.000 min
Lab File: VD069037.D
Acq: 03 May 2021 11:44

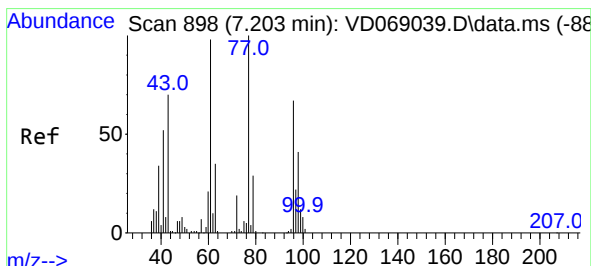
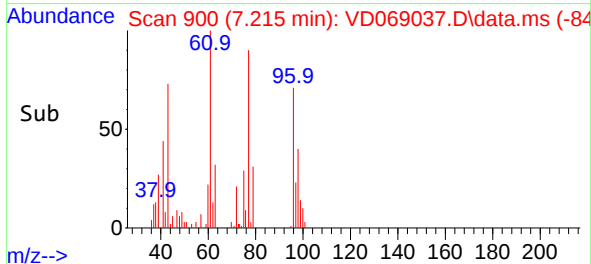
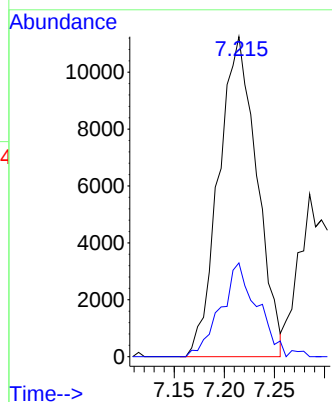
Instrument :
MSVOA_D
ClientSampled :
VSTDIC010



Tgt Ion: 43 Resp: 29789
Ion Ratio Lower Upper
43 100
72 29.3 28.6 43.0

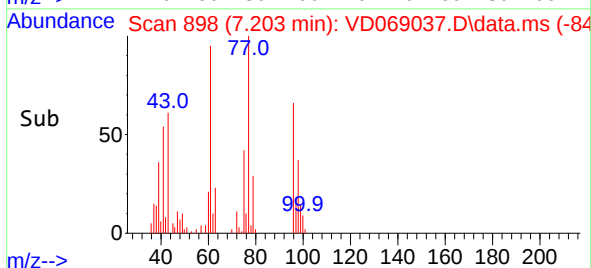
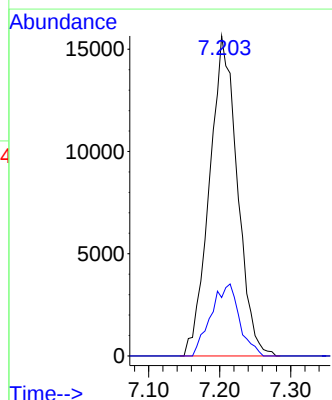
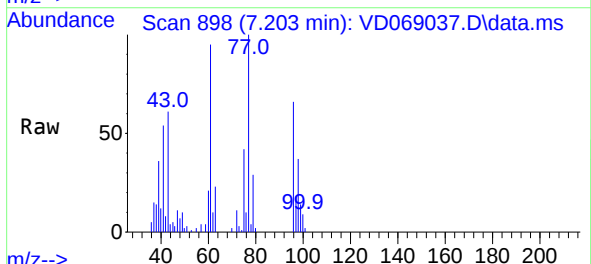
Manual Integrations
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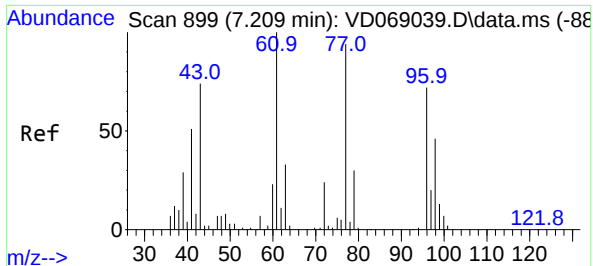
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#26
2,2-Dichloropropane
Concen: 9.78 ug/l
RT: 7.203 min Scan# 898
Delta R.T. 0.000 min
Lab File: VD069037.D
Acq: 03 May 2021 11:44

Tgt Ion: 77 Resp: 42758
Ion Ratio Lower Upper
77 100
97 22.8 12.0 36.1





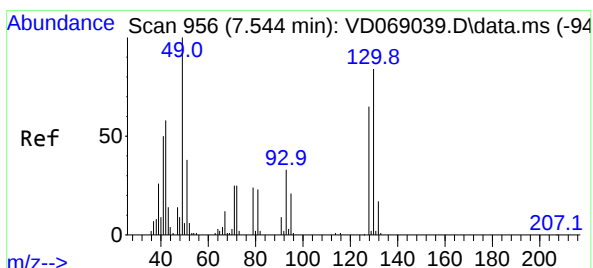
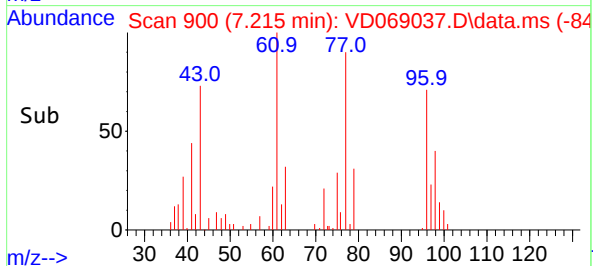
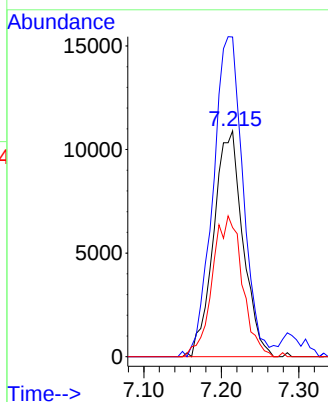
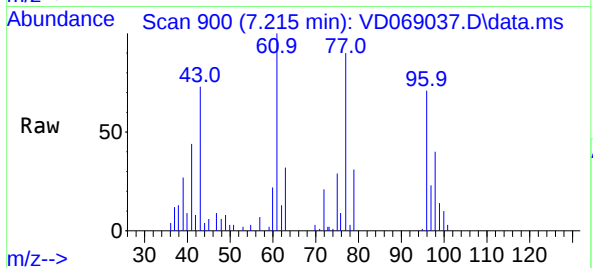
#27
cis-1,2-Dichloroethene
Concen: 9.90 ug/l
RT: 7.215 min Scan# 900
Delta R.T. 0.006 min
Lab File: VD069037.D
Acq: 03 May 2021 11:44

Tgt Ion:	96	Resp:	28624
Ion	Ratio	Lower	Upper
96	100		
61	146.4	0.0	258.8
98	63.9	0.0	128.4

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

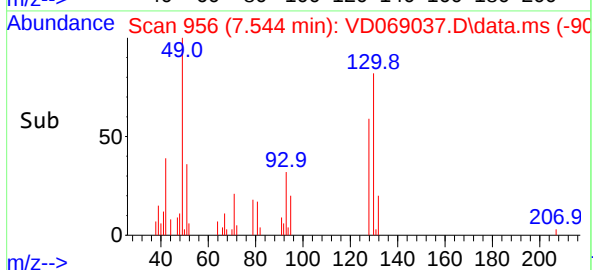
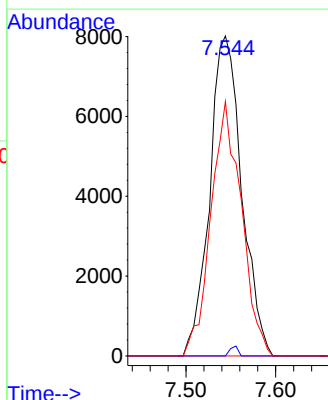
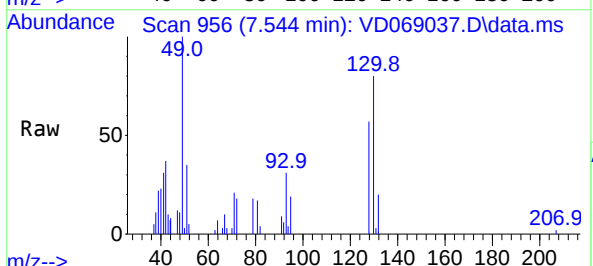
Manual Integrations
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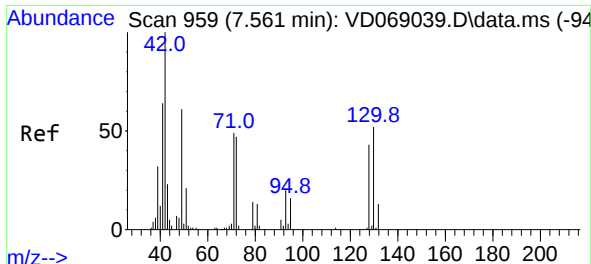
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#28
Bromochloromethane
Concen: 10.01 ug/l
RT: 7.544 min Scan# 956
Delta R.T. 0.000 min
Lab File: VD069037.D
Acq: 03 May 2021 11:44

Tgt Ion:	49	Resp:	19948
Ion	Ratio	Lower	Upper
49	100		
129	0.8	0.0	5.2
130	75.5	74.6	112.0





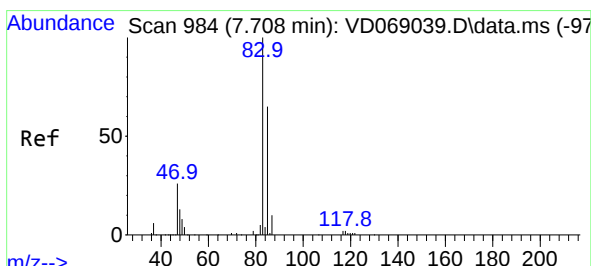
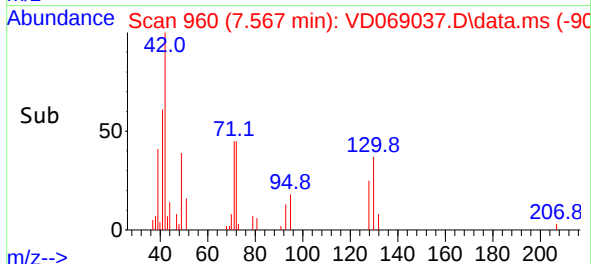
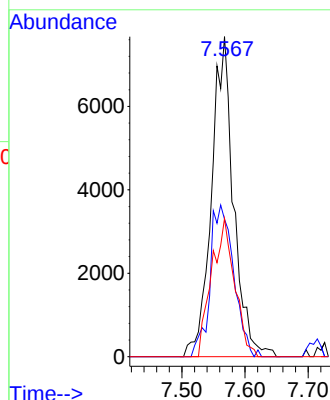
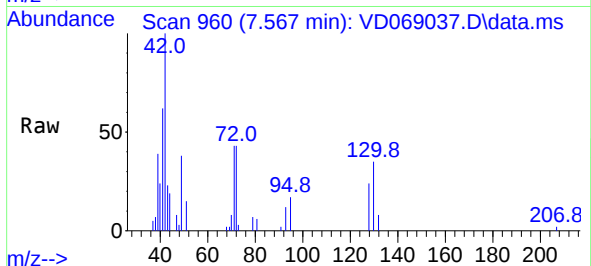
#29
Tetrahydrofuran
Concen: 48.61 ug/l
RT: 7.567 min Scan# 960
Delta R.T. 0.006 min
Lab File: VD069037.D
Acq: 03 May 2021 11:44

Tgt Ion: 42 Resp: 18709
Ion Ratio Lower Upper
42 100
72 50.7 45.2 67.8
71 44.6 40.8 61.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

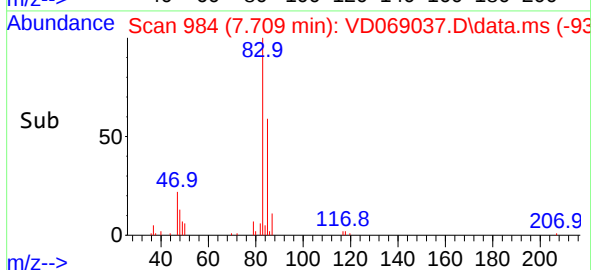
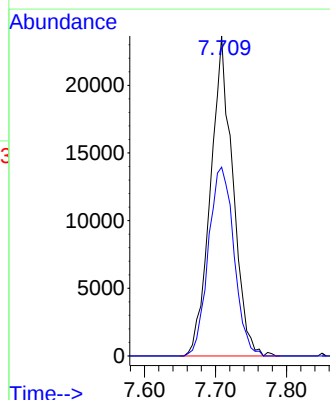
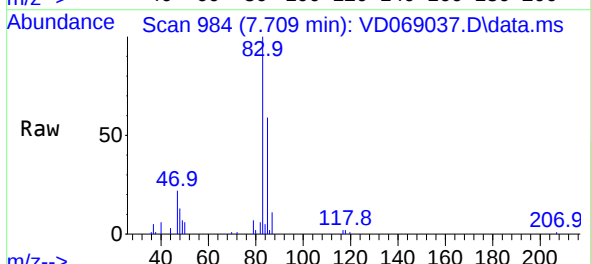
Manual Integrations
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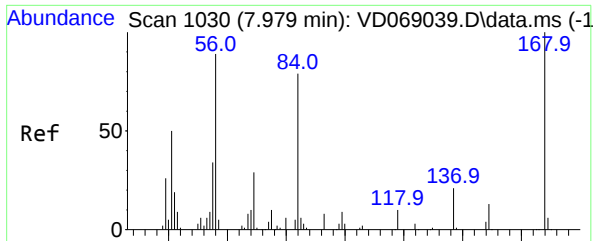
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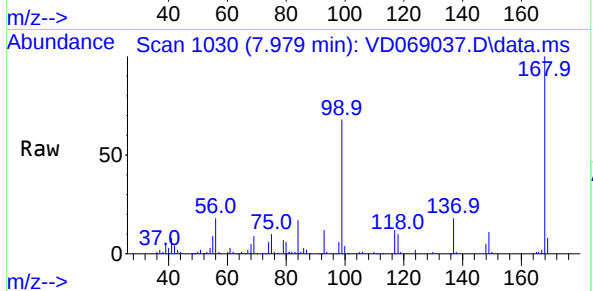
#30
Chloroform
Concen: 9.97 ug/l
RT: 7.709 min Scan# 984
Delta R.T. 0.000 min
Lab File: VD069037.D
Acq: 03 May 2021 11:44

Tgt Ion: 83 Resp: 51664
Ion Ratio Lower Upper
83 100
85 59.0 53.3 79.9

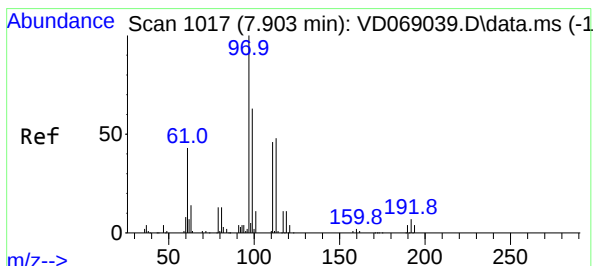
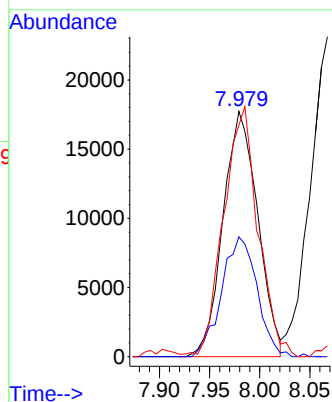
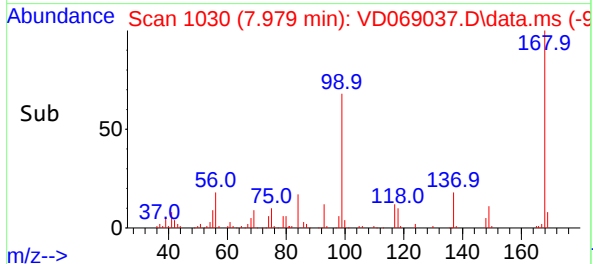




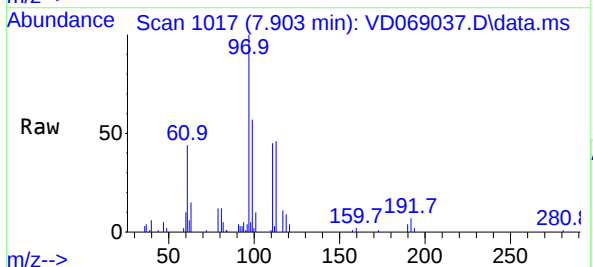
#31
Cyclohexane
Concen: 10.15 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069037.D
Acq: 03 May 2021 11:44



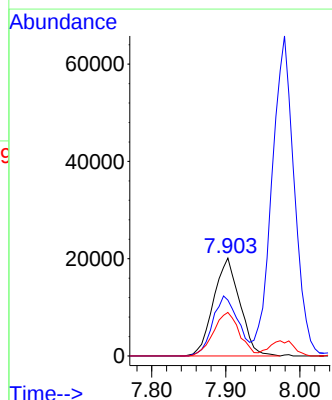
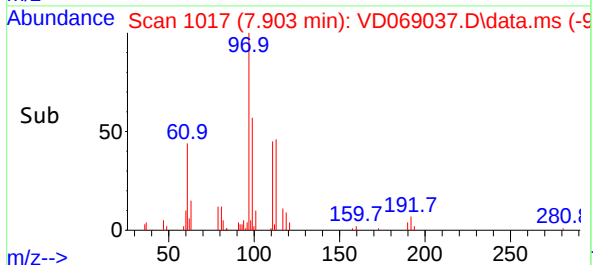
Tgt Ion: 56 Resp: 42711
Ion Ratio Lower Upper
56 100
69 48.8 30.0 45.0#
84 93.4 82.0 123.0



#32
1,1,1-Trichloroethane
Concen: 10.45 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. 0.000 min
Lab File: VD069037.D
Acq: 03 May 2021 11:44



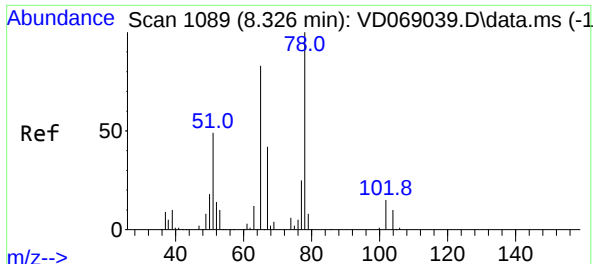
Tgt Ion: 97 Resp: 49723
Ion Ratio Lower Upper
97 100
99 59.3 50.8 76.2
61 44.2 33.7 50.5



Instrument :
MSVOA_D
ClientSampled :
VSTDIC010

Manual Integrations
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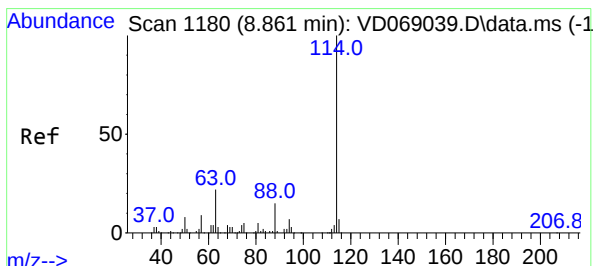
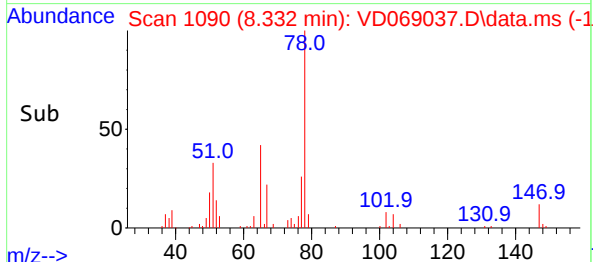
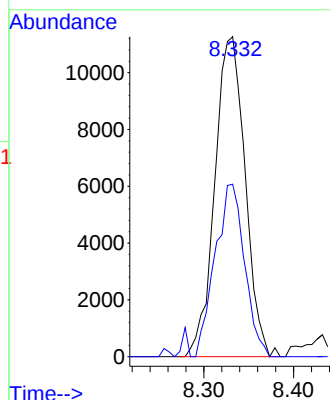
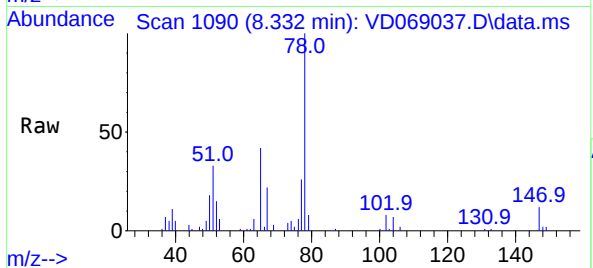
#33
1,2-Dichloroethane-d4
Concen: 9.66 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD069037.D
Acq: 03 May 2021 11:44

Tgt Ion: 65 Resp: 26436
Ion Ratio Lower Upper
65 100
67 52.4 0.0 106.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

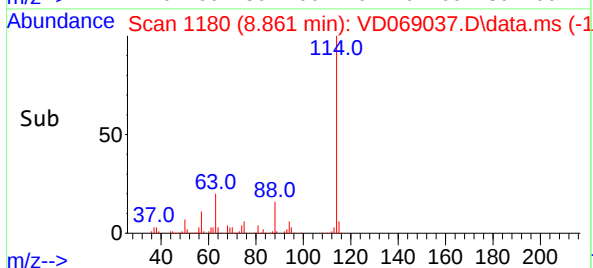
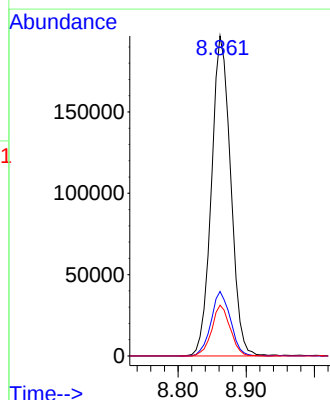
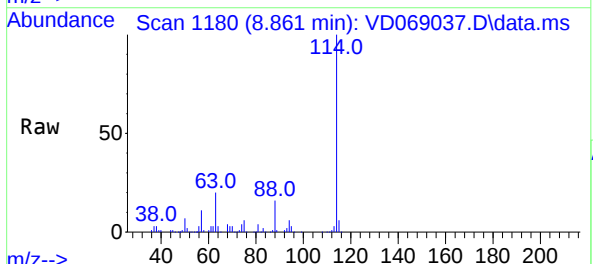
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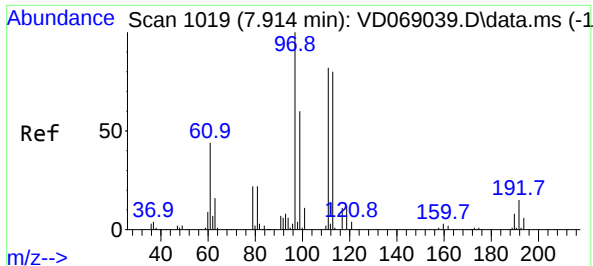
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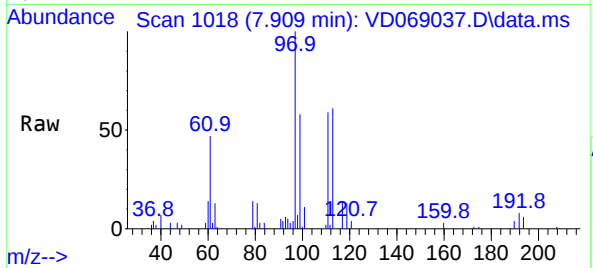
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069037.D
Acq: 03 May 2021 11:44

Tgt Ion: 114 Resp: 386498
Ion Ratio Lower Upper
114 100
63 20.2 0.0 38.2
88 15.8 0.0 29.4

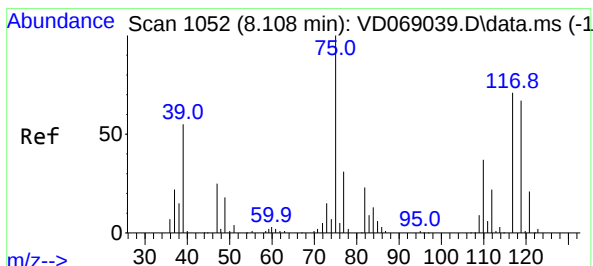
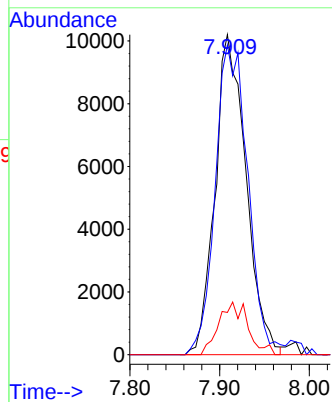
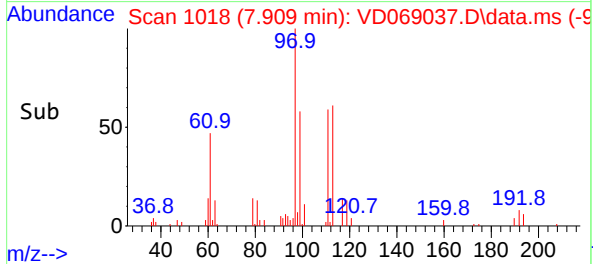




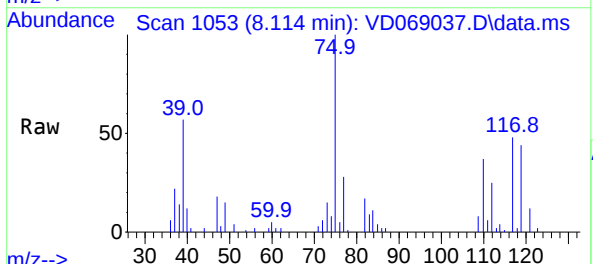
#35
Dibromofluoromethane
Concen: 9.71 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD069037.D
Acq: 03 May 2021 11:44



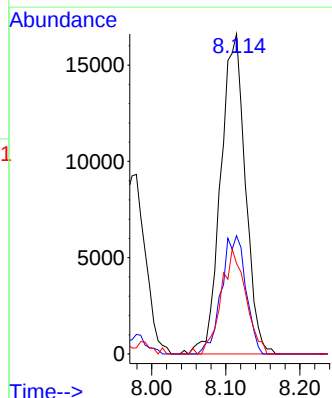
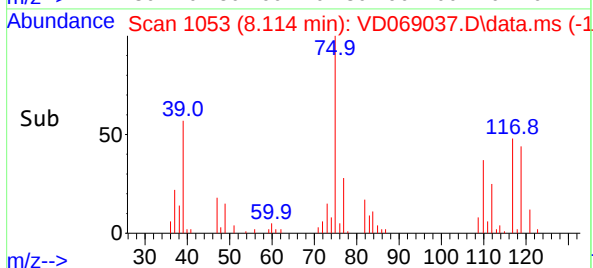
Tgt Ion: 113 Resp: 24402
Ion Ratio Lower Upper
113 100
111 102.1 82.5 123.7
192 15.5 15.1 22.7



#36
1,1-Dichloropropene
Concen: 9.93 ug/l
RT: 8.114 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VD069037.D
Acq: 03 May 2021 11:44



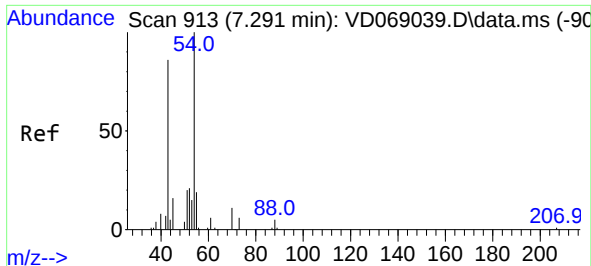
Tgt Ion: 75 Resp: 38338
Ion Ratio Lower Upper
75 100
110 36.6 18.1 54.4
77 32.6 24.7 37.1



Instrument :
MSVOA_D
ClientSampled :
VSTDIC010

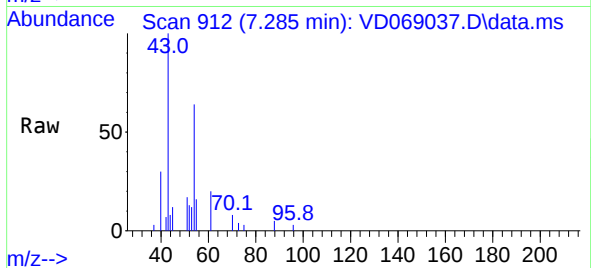
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#37
Ethyl Acetate
Concen: 9.19 ug/l
RT: 7.285 min Scan# 912
Delta R.T. -0.006 min
Lab File: VD069037.D
Acq: 03 May 2021 11:44

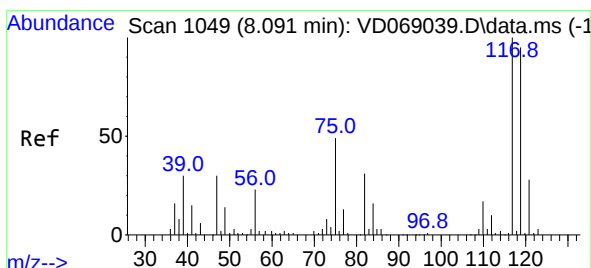
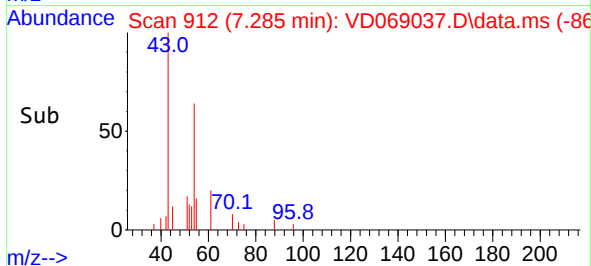
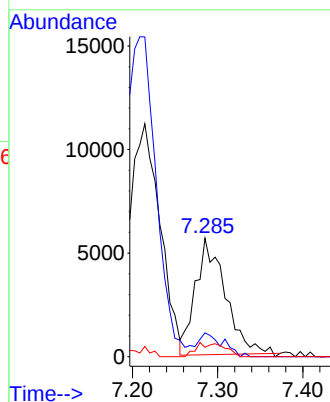
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



Tgt Ion: 43 Resp: 13628
Ion Ratio Lower Upper
43 100
61 15.9 14.2 21.4
70 11.2 9.4 14.0

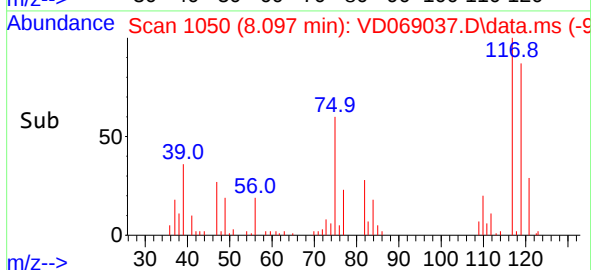
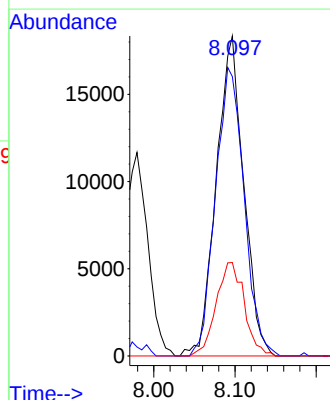
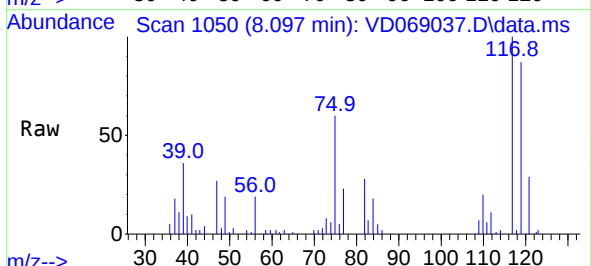
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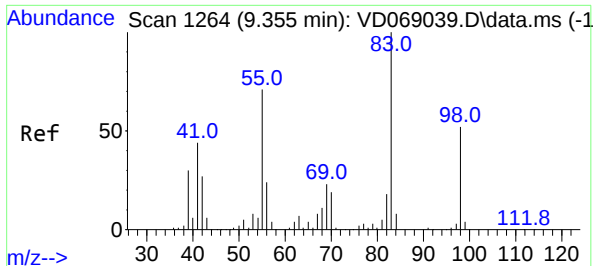
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#38
Carbon Tetrachloride
Concen: 10.34 ug/l
RT: 8.097 min Scan# 1050
Delta R.T. 0.006 min
Lab File: VD069037.D
Acq: 03 May 2021 11:44

Tgt Ion: 117 Resp: 43035
Ion Ratio Lower Upper
117 100
119 87.3 76.6 115.0
121 29.2 26.1 39.1





#39

Methylcyclohexane

Concen: 9.63 ug/l

RT: 9.350 min Scan# 1263

Delta R.T. -0.006 min

Lab File: VD069037.D

Acq: 03 May 2021 11:44

Tgt Ion: 83 Resp: 40993

Ion Ratio Lower Upper

83 100

55 66.7 51.7 77.5

98 48.9 38.8 58.2

Instrument :

MSVOA_D

ClientSampleId :

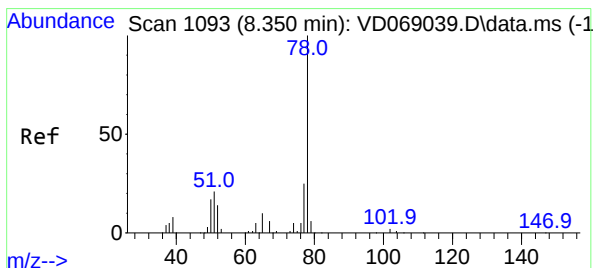
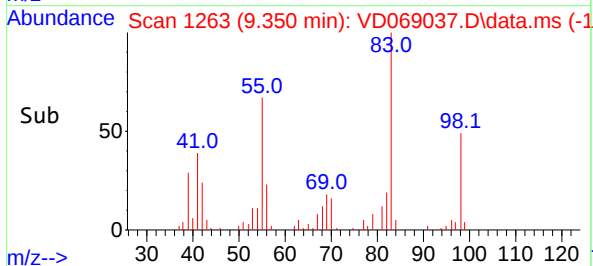
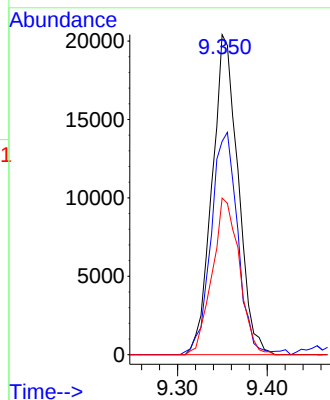
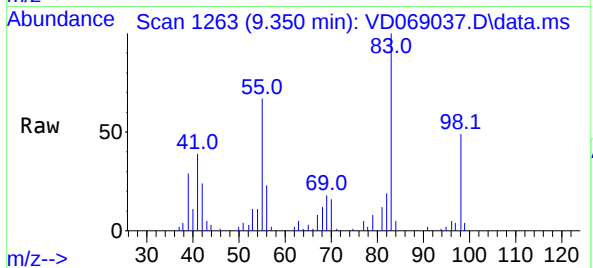
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#40

Benzene

Concen: 10.13 ug/l

RT: 8.350 min Scan# 1093

Delta R.T. 0.000 min

Lab File: VD069037.D

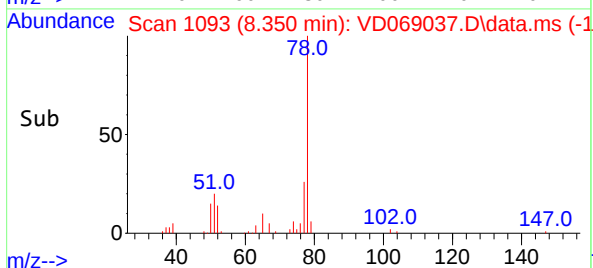
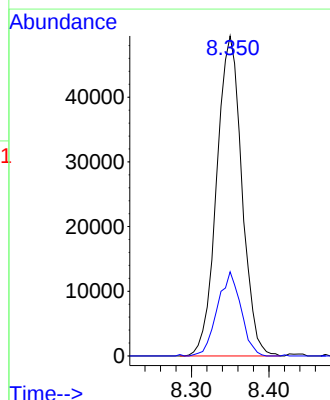
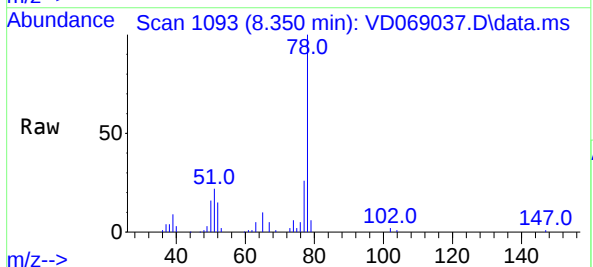
Acq: 03 May 2021 11:44

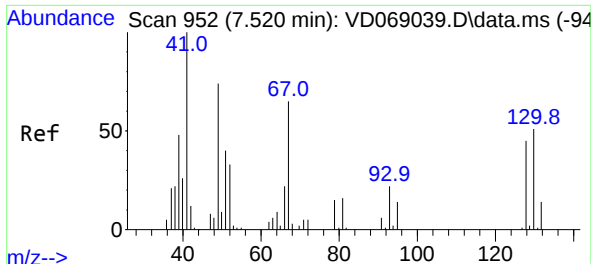
Tgt Ion: 78 Resp: 111619

Ion Ratio Lower Upper

78 100

77 26.3 18.2 27.2





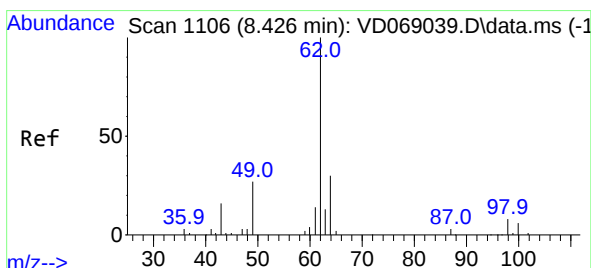
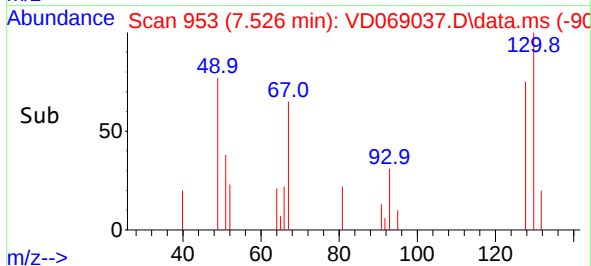
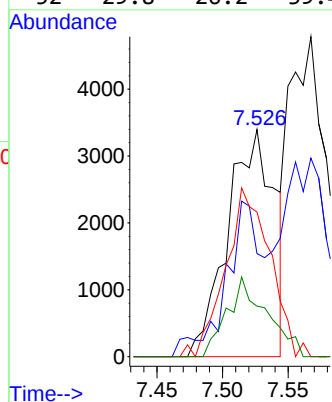
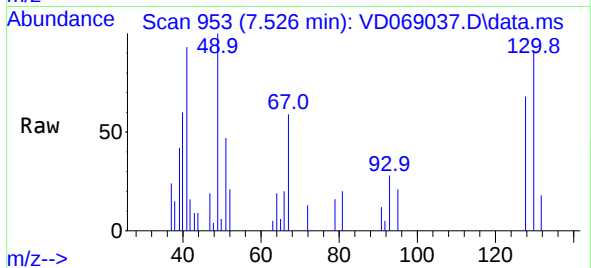
#41
Methacrylonitrile
Concen: 10.35 ug/l
RT: 7.526 min Scan# 953
Delta R.T. 0.006 min
Lab File: VD069037.D
Acq: 03 May 2021 11:44

Tgt Ion: 41 Resp: 8420
Ion Ratio Lower Upper
41 100
39 51.0 43.2 64.8
67 70.5 63.9 95.9
52 29.8 26.2 39.4

Instrument :
MSVOA_D
ClientSampled :
VSTDIC010

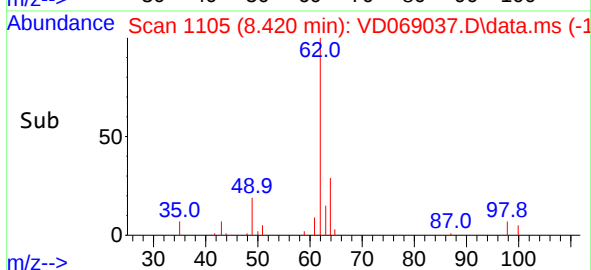
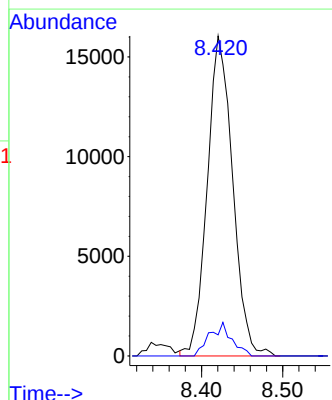
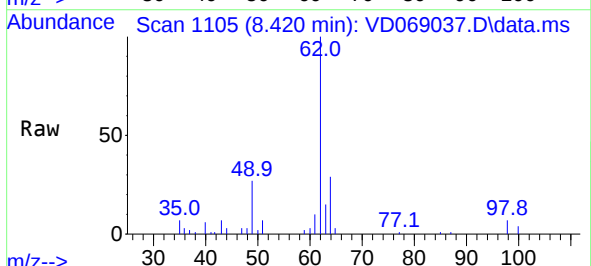
Manual Integrations
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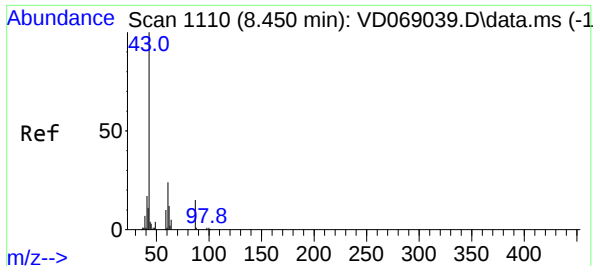
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#42
1,2-Dichloroethane
Concen: 9.89 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VD069037.D
Acq: 03 May 2021 11:44

Tgt Ion: 62 Resp: 34883
Ion Ratio Lower Upper
62 100
98 9.0 0.0 22.6





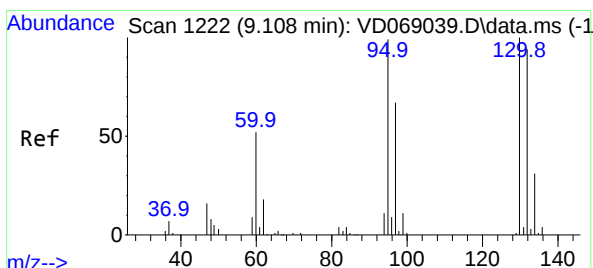
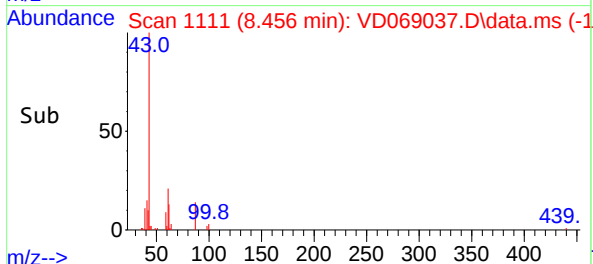
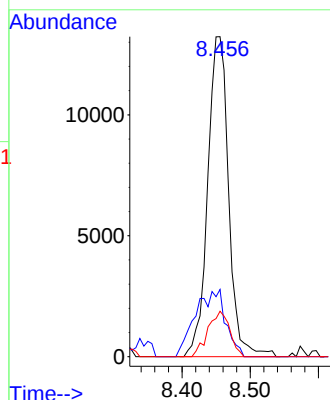
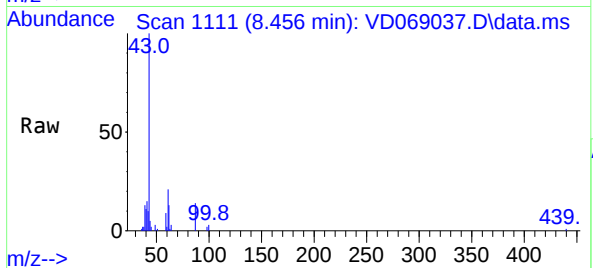
#43
Isopropyl Acetate
Concen: 10.00 ug/l
RT: 8.456 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VD069037.D
Acq: 03 May 2021 11:44

Tgt Ion:	43	Resp:	28317
Ion Ratio	Lower	Upper	
43	100		
61	0.0	29.5	44.3#
87	14.8	13.5	20.3

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

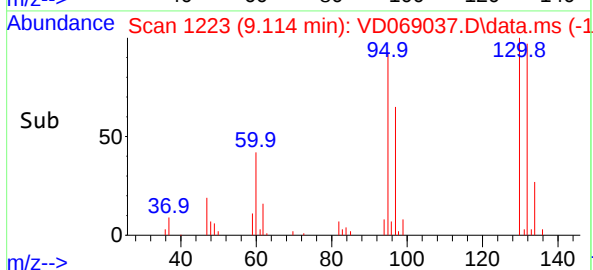
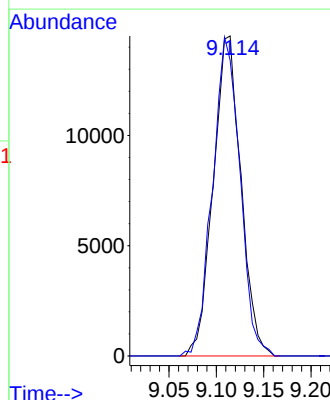
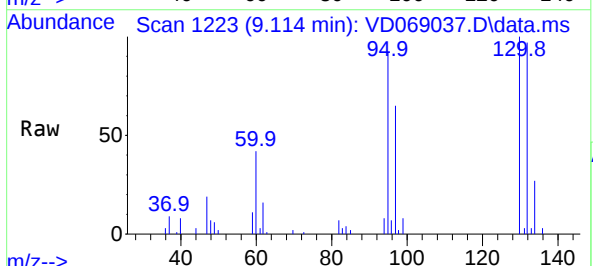
Manual Integrations
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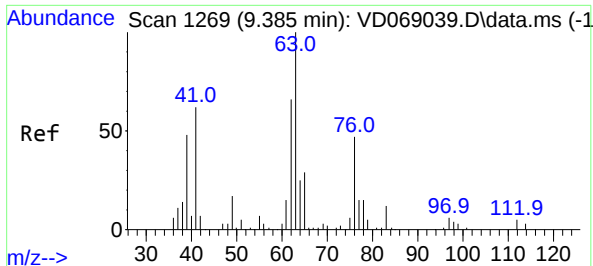
MMDadoda
5/4/2021 5:35:15 PM



#44
Trichloroethene
Concen: 10.25 ug/l
RT: 9.114 min Scan# 1223
Delta R.T. 0.006 min
Lab File: VD069037.D
Acq: 03 May 2021 11:44

Tgt Ion:	130	Resp:	29478
Ion Ratio	Lower	Upper	
130	100		
95	92.4	0.0	203.8





#45

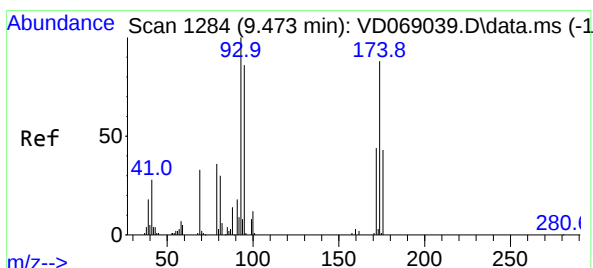
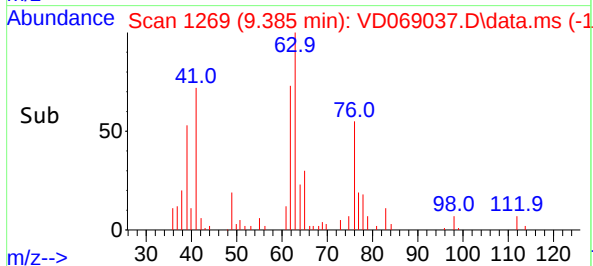
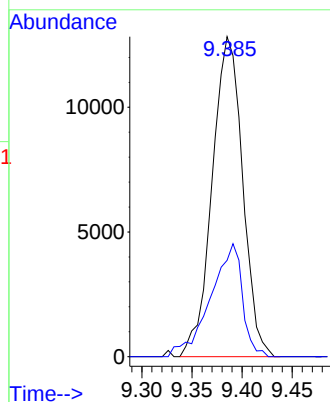
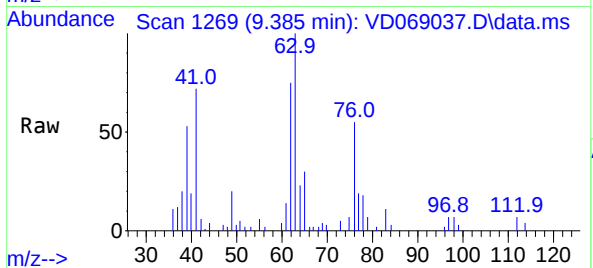
1,2-Dichloropropane
Concen: 9.99 ug/l
RT: 9.385 min Scan# 1269
Delta R.T. 0.000 min
Lab File: VD069037.D
Acq: 03 May 2021 11:44

Tgt Ion: 63 Resp: 27136
Ion Ratio Lower Upper
63 100
65 30.1 27.0 40.4

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Manual Integrations
APPROVED

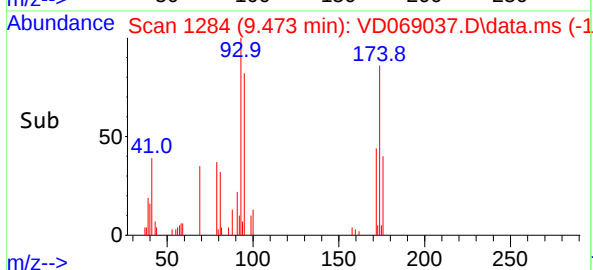
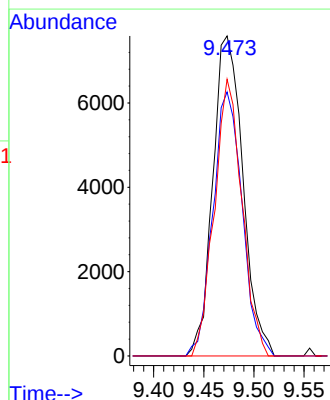
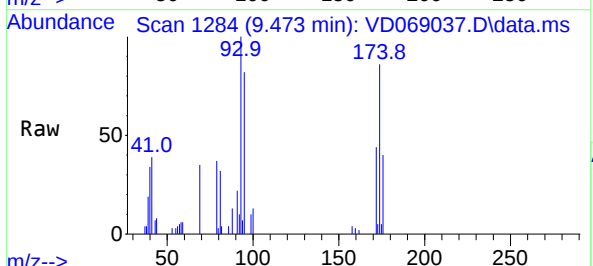
MMDadoda
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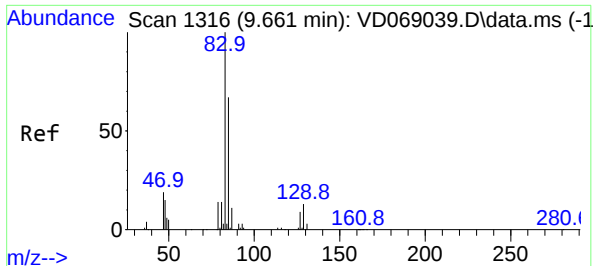


#46

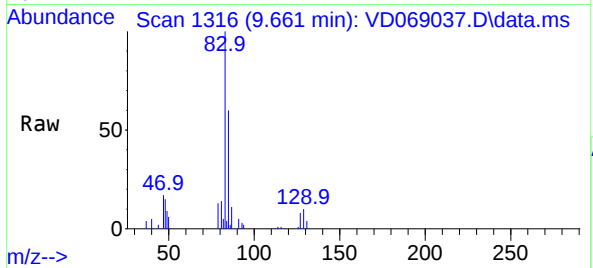
Dibromomethane
Concen: 9.89 ug/l
RT: 9.473 min Scan# 1284
Delta R.T. 0.000 min
Lab File: VD069037.D
Acq: 03 May 2021 11:44

Tgt Ion: 93 Resp: 15763
Ion Ratio Lower Upper
93 100
95 80.6 64.5 96.7
174 79.4 75.3 112.9

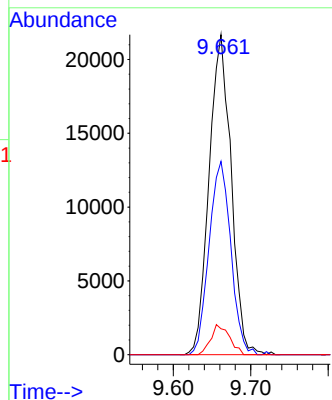




#47
Bromodichloromethane
Concen: 10.13 ug/l
RT: 9.661 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VD069037.D
Acq: 03 May 2021 11:44



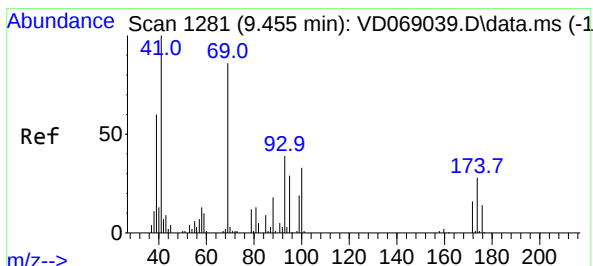
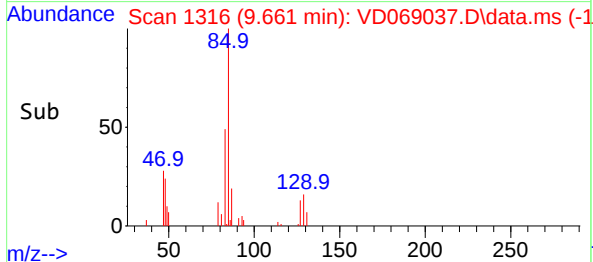
Tgt Ion: 83 Resp: 42789
Ion Ratio Lower Upper
83 100
85 60.4 51.0 76.6
127 8.1 7.1 10.7



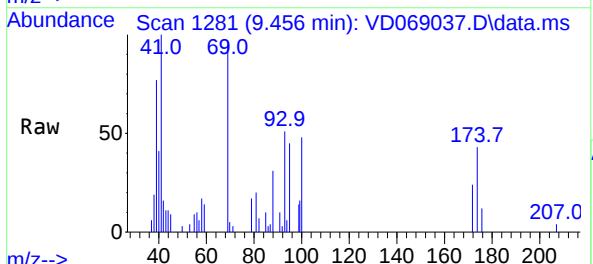
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Manual Integrations
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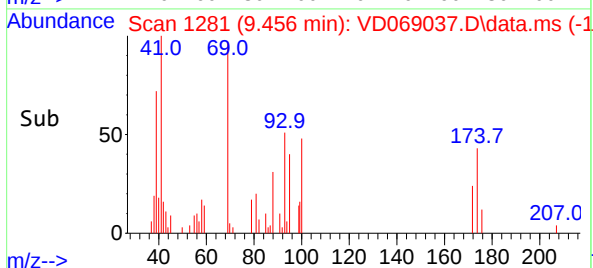
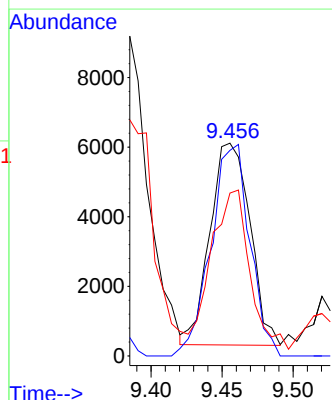
MMDadoda
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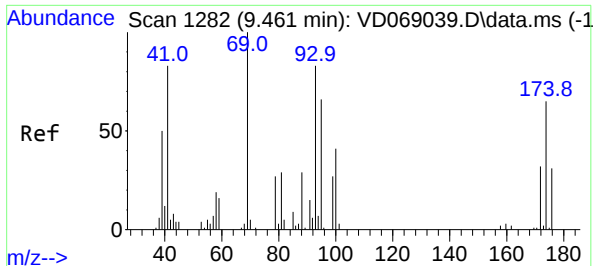


#48
Methyl methacrylate
Concen: 9.01 ug/l
RT: 9.456 min Scan# 1281
Delta R.T. 0.000 min
Lab File: VD069037.D
Acq: 03 May 2021 11:44



Tgt Ion: 41 Resp: 11355
Ion Ratio Lower Upper
41 100
69 101.8 83.0 124.6
39 82.2 47.0 70.6#





#49

1,4-Dioxane

Concen: 215.24 ug/l

RT: 9.461 min Scan# 1282

Delta R.T. 0.000 min

Lab File: VD069037.D

Acq: 03 May 2021 11:44

Tgt Ion: 88 Resp: 3928

Ion Ratio Lower Upper

88 100

43 39.9 25.8 38.8#

58 52.9 54.0 81.0#

Instrument :

MSVOA_D

ClientSampled :

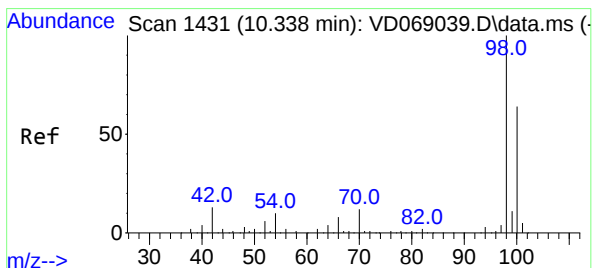
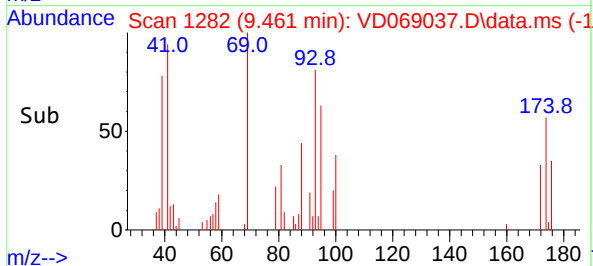
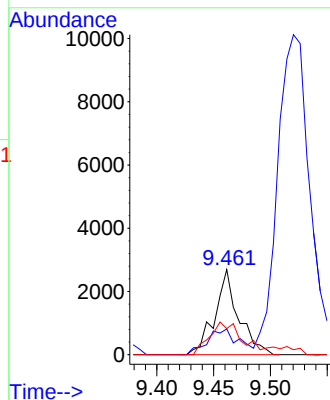
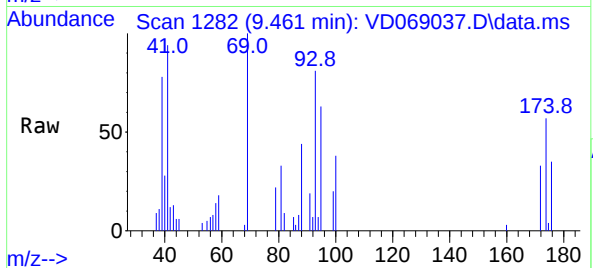
VSTDIC010

Manual Integrations

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#50

Toluene-d8

Concen: 9.54 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. 0.000 min

Lab File: VD069037.D

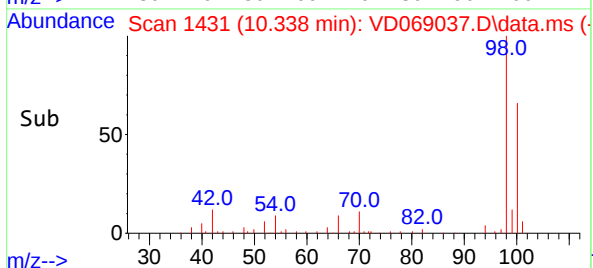
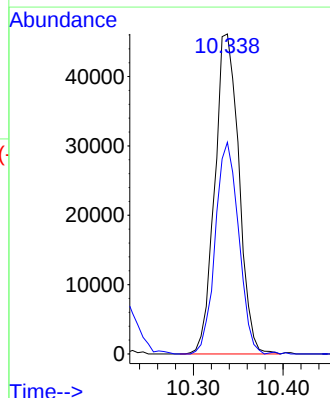
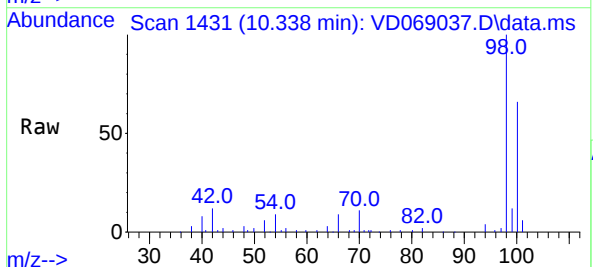
Acq: 03 May 2021 11:44

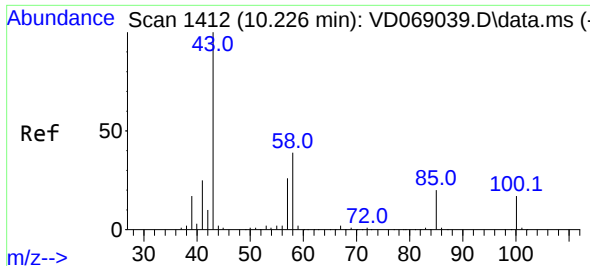
Tgt Ion: 98 Resp: 86310

Ion Ratio Lower Upper

98 100

100 64.0 51.8 77.6





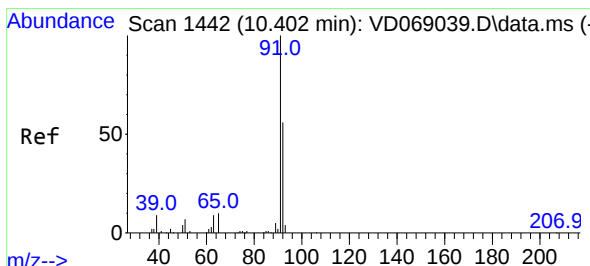
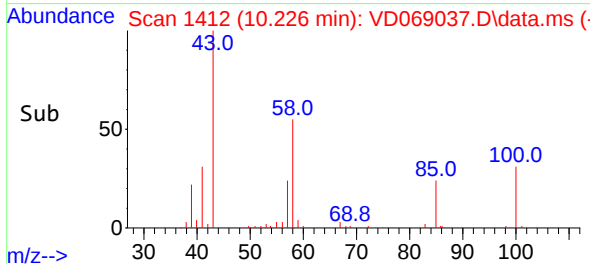
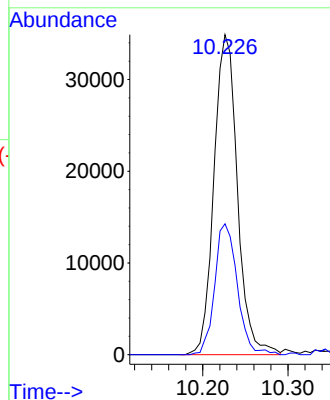
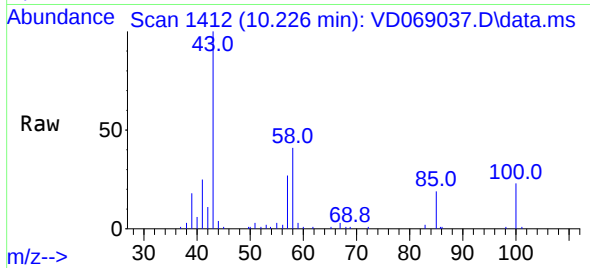
#51
4-Methyl-2-Pentanone
Concen: 46.75 ug/l
RT: 10.226 min Scan# 1412
Delta R.T. 0.000 min
Lab File: VD069037.D
Acq: 03 May 2021 11:44

Tgt Ion: 43 Resp: 66666
Ion Ratio Lower Upper
43 100
58 39.5 37.3 55.9

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

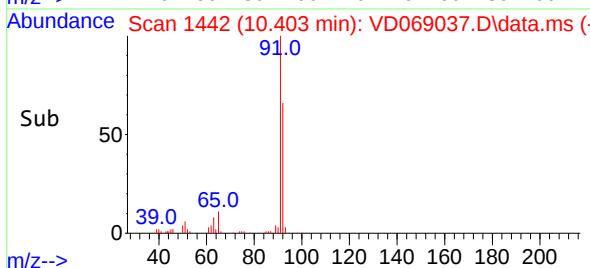
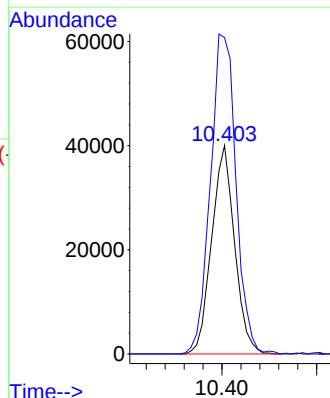
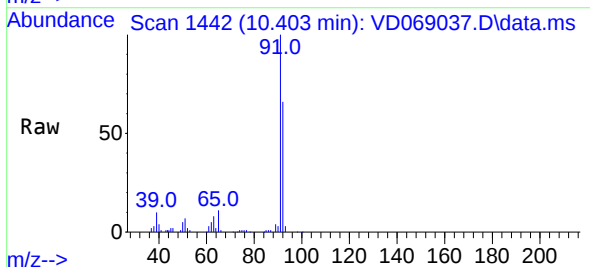
Manual Integrations
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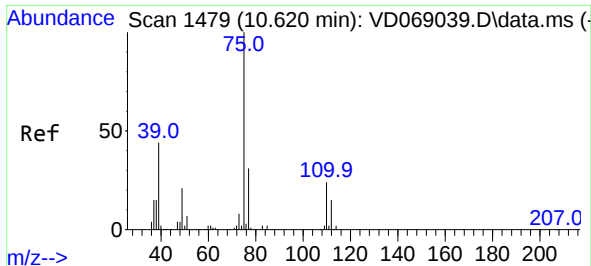
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#52
Toluene
Concen: 9.81 ug/l
RT: 10.403 min Scan# 1442
Delta R.T. 0.000 min
Lab File: VD069037.D
Acq: 03 May 2021 11:44

Tgt Ion: 92 Resp: 67159
Ion Ratio Lower Upper
92 100
91 171.5 139.1 208.7





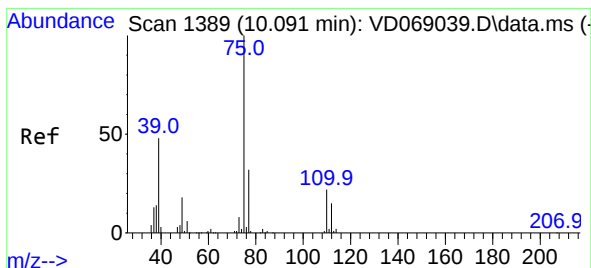
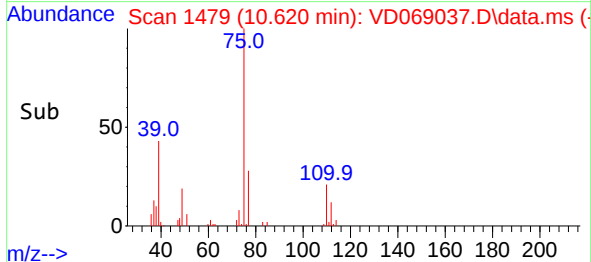
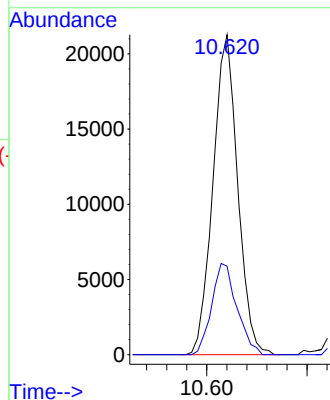
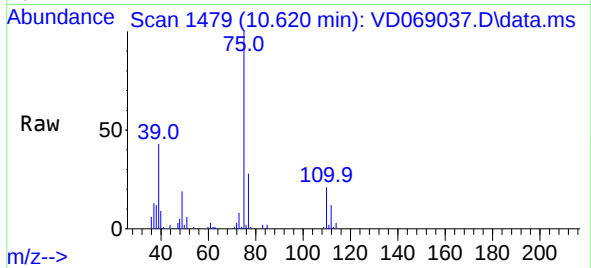
#53
t-1,3-Dichloropropene
Concen: 10.06 ug/l
RT: 10.620 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VD069037.D
Acq: 03 May 2021 11:44

Tgt Ion: 75 Resp: 36268
Ion Ratio Lower Upper
75 100
77 27.6 25.1 37.7

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

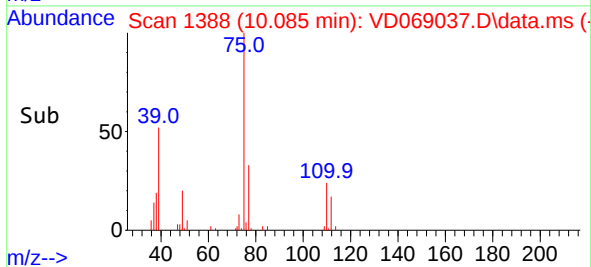
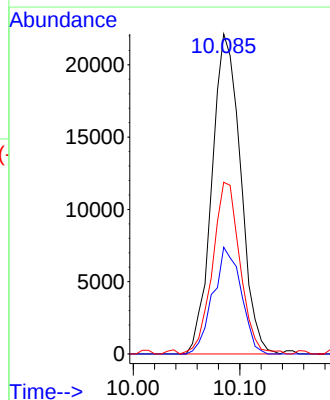
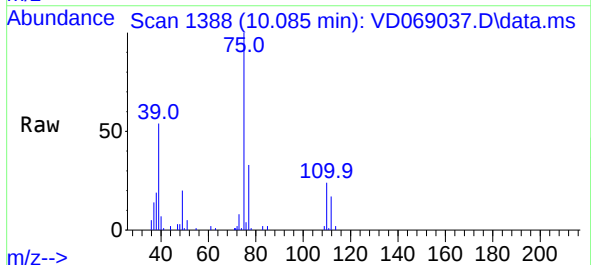
Manual Integrations
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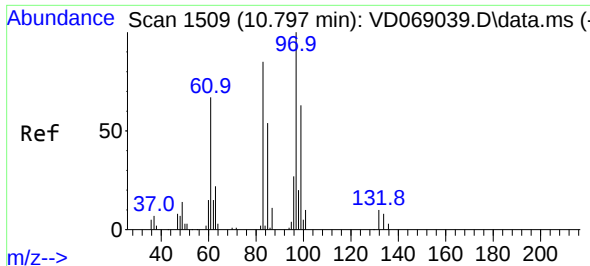
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#54
cis-1,3-Dichloropropene
Concen: 10.01 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. -0.006 min
Lab File: VD069037.D
Acq: 03 May 2021 11:44

Tgt Ion: 75 Resp: 41375
Ion Ratio Lower Upper
75 100
77 33.4 24.7 37.1
39 53.7 30.2 45.2#





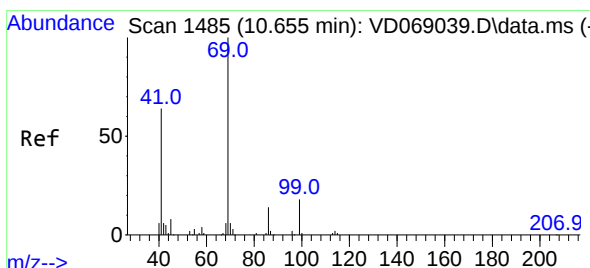
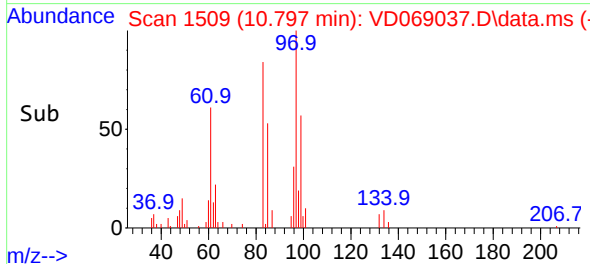
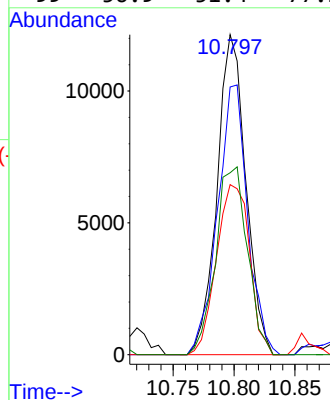
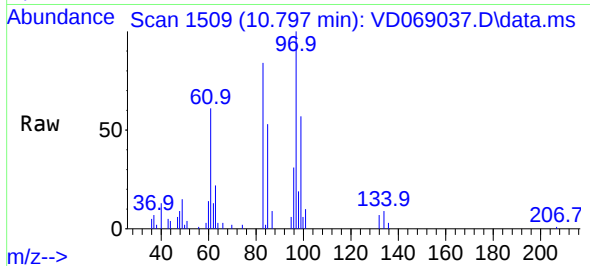
#55
1,1,2-Trichloroethane
Concen: 9.57 ug/l
RT: 10.797 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VD069037.D
Acq: 03 May 2021 11:44

Tgt Ion:	97	Resp:	20009
Ion	Ratio	Lower	Upper
97	100		
83	83.7	65.7	98.5
85	53.1	44.3	66.5
99	56.9	51.4	77.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

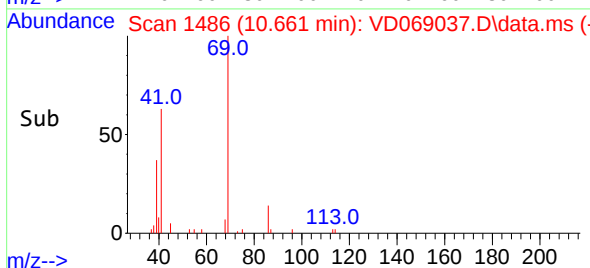
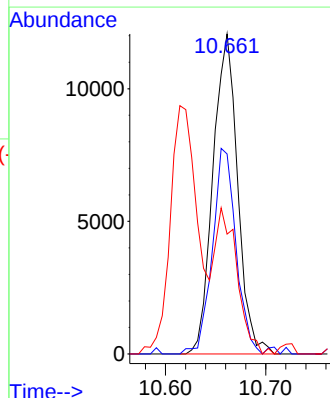
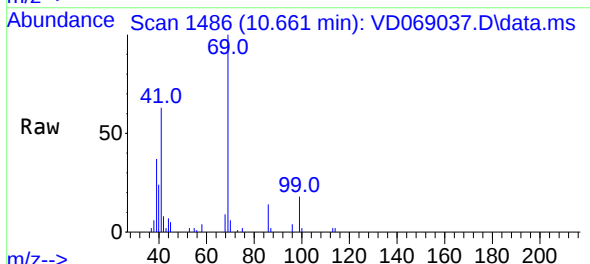
Manual Integrations
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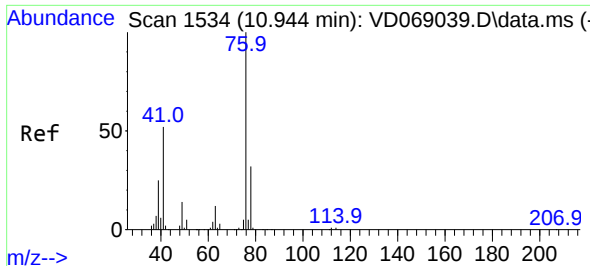
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#56
Ethyl methacrylate
Concen: 9.61 ug/l
RT: 10.661 min Scan# 1486
Delta R.T. 0.006 min
Lab File: VD069037.D
Acq: 03 May 2021 11:44

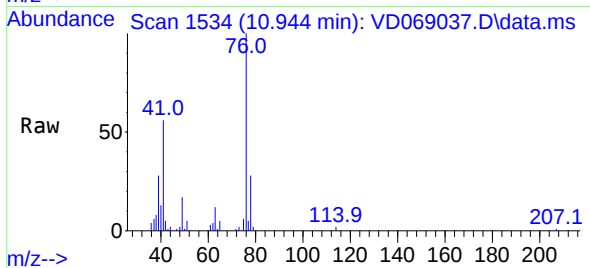
Tgt Ion:	69	Resp:	20588
Ion	Ratio	Lower	Upper
69	100		
41	61.5	42.2	63.4
39	41.0	24.2	36.2





#57
1,3-Dichloropropane
Concen: 9.94 ug/l
RT: 10.944 min Scan# 1534
Delta R.T. 0.000 min
Lab File: VD069037.D
Acq: 03 May 2021 11:44

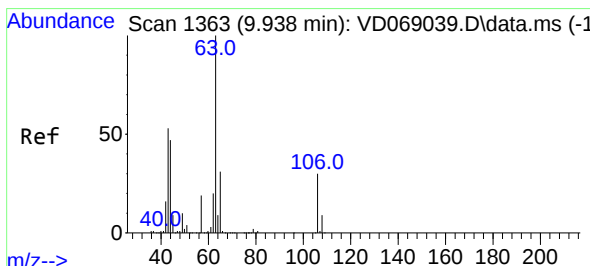
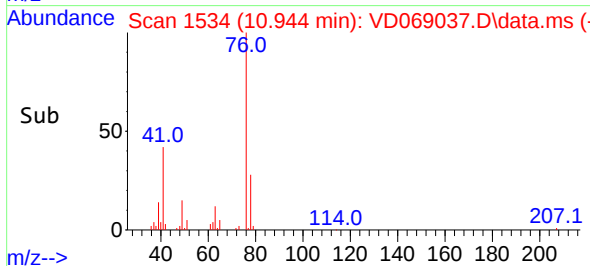
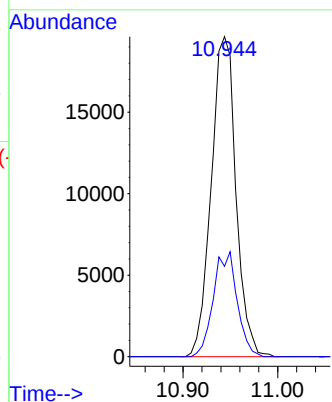
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



Tgt Ion: 76 Resp: 35612
Ion Ratio Lower Upper
76 100
78 31.6 25.8 38.6

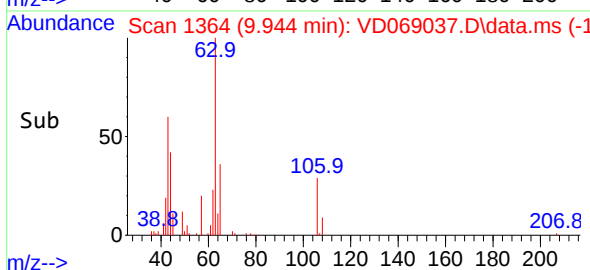
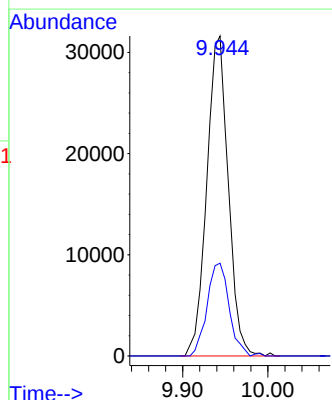
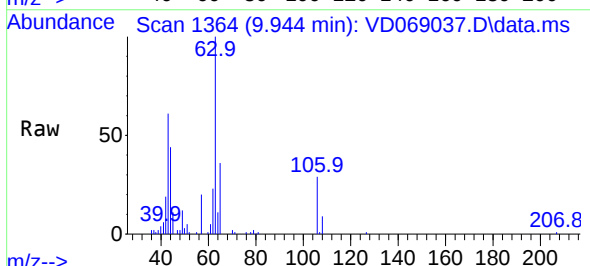
Manual Integrations
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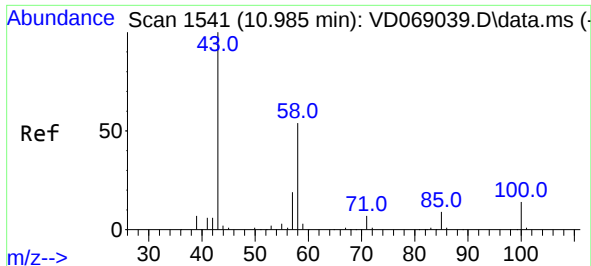
MMDadoda
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#58
2-Chloroethyl Vinyl ether
Concen: 47.33 ug/l
RT: 9.944 min Scan# 1364
Delta R.T. 0.006 min
Lab File: VD069037.D
Acq: 03 May 2021 11:44

Tgt Ion: 63 Resp: 55381
Ion Ratio Lower Upper
63 100
106 29.9 24.6 36.8





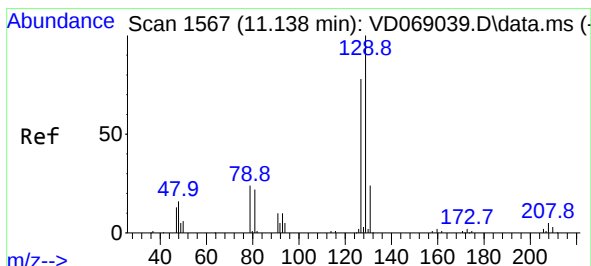
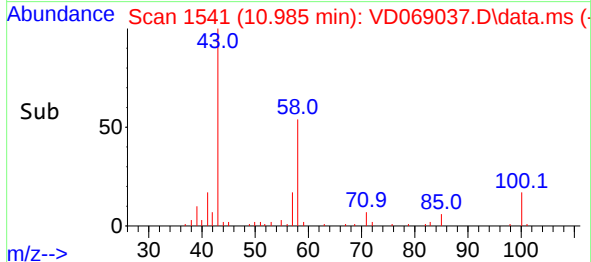
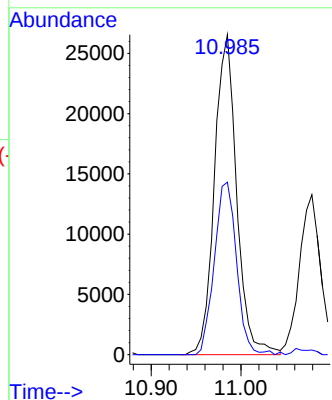
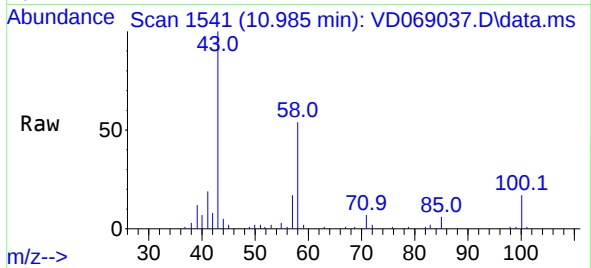
#59
2-Hexanone
Concen: 47.63 ug/l
RT: 10.985 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VD069037.D
Acq: 03 May 2021 11:44

Tgt Ion: 43 Resp: 45651
Ion Ratio Lower Upper
43 100
58 54.0 31.3 93.8

Instrument :
MSVOA_D
ClientSampled :
VSTDIC010

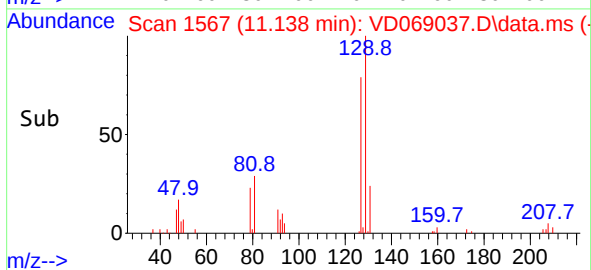
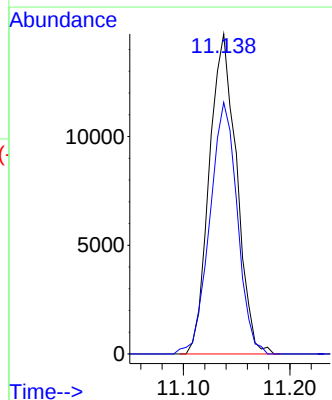
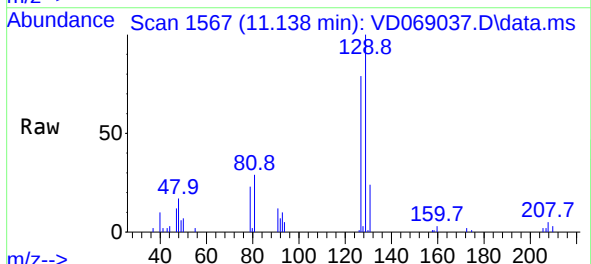
Manual Integrations
APPROVED

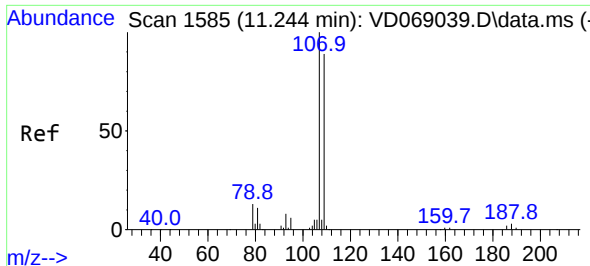
MMDadoda
5/4/2021 5:35:15 PM



#60
Dibromochloromethane
Concen: 9.71 ug/l
RT: 11.138 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VD069037.D
Acq: 03 May 2021 11:44

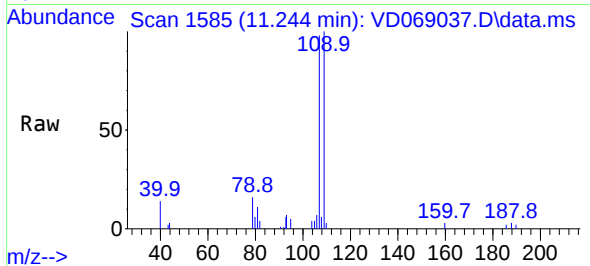
Tgt Ion: 129 Resp: 26133
Ion Ratio Lower Upper
129 100
127 79.3 38.8 116.3





#61
1,2-Dibromoethane
Concen: 9.98 ug/l
RT: 11.244 min Scan# 1585
Delta R.T. 0.000 min
Lab File: VD069037.D
Acq: 03 May 2021 11:44

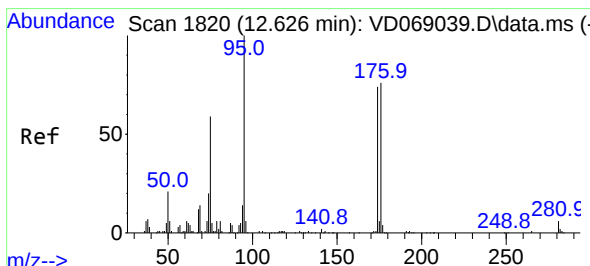
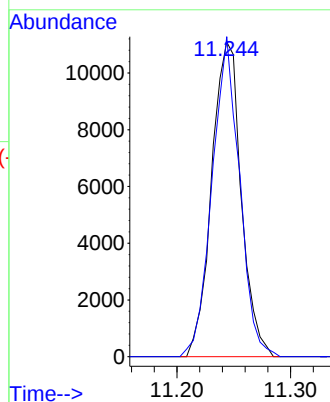
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



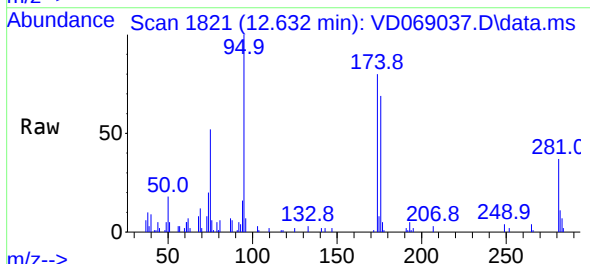
Tgt Ion:107 Resp: 20020
Ion Ratio Lower Upper
107 100
109 94.6 74.9 112.3

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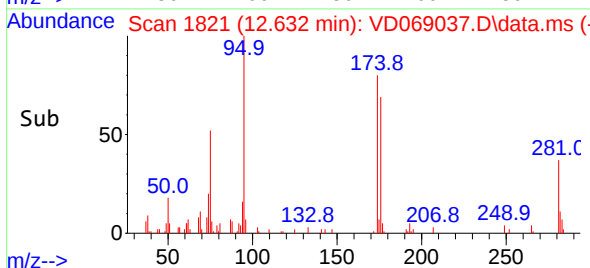
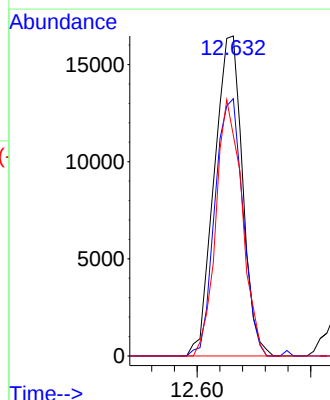
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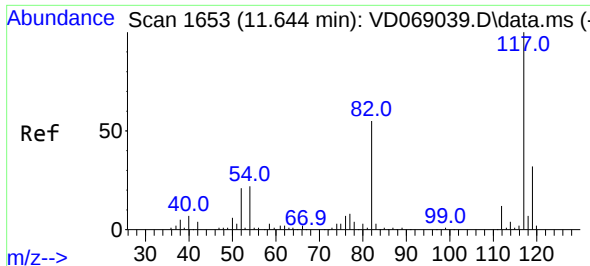


#62
4-Bromofluorobenzene
Concen: 9.33 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD069037.D
Acq: 03 May 2021 11:44



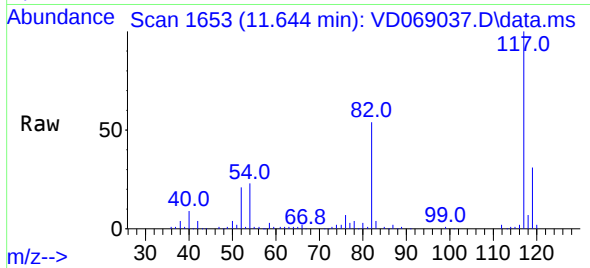
Tgt Ion: 95 Resp: 28480
Ion Ratio Lower Upper
95 100
174 79.8 0.0 168.0
176 74.0 0.0 160.2





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069037.D
Acq: 03 May 2021 11:44

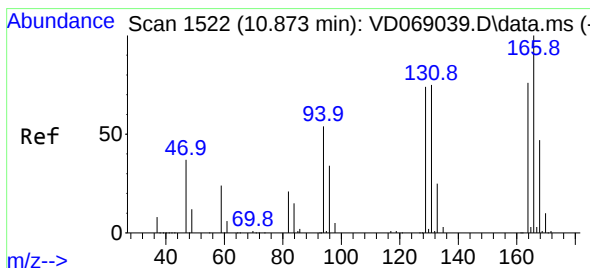
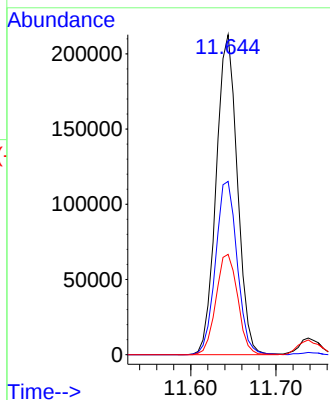
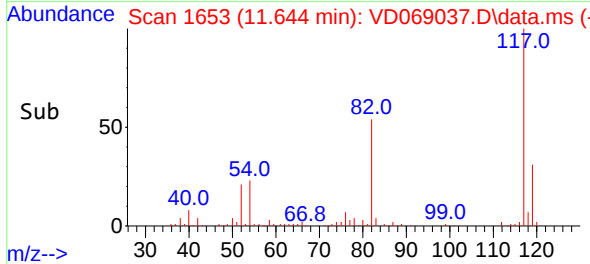
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



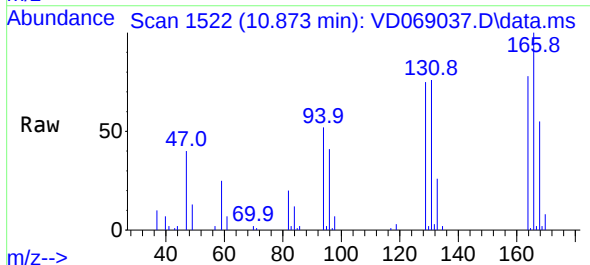
Tgt Ion:117 Resp: 367128
Ion Ratio Lower Upper
117 100
82 54.1 43.5 65.3
119 31.4 26.7 40.1

Manual Integrations
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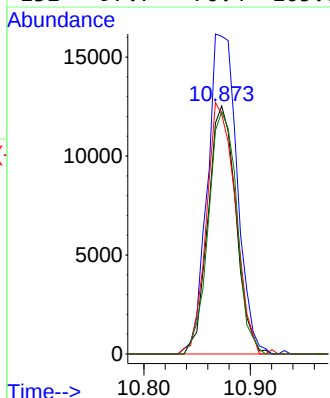
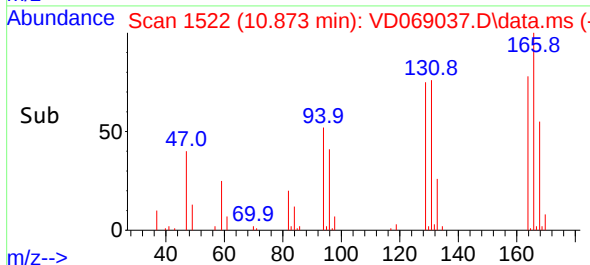
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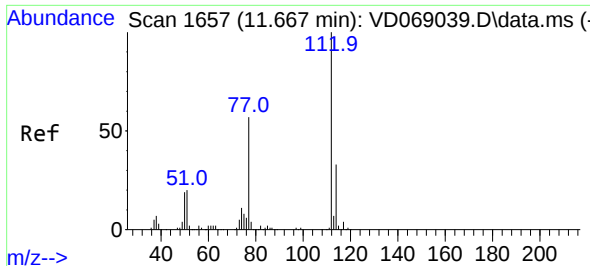


#64
Tetrachloroethene
Concen: 9.89 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VD069037.D
Acq: 03 May 2021 11:44



Tgt Ion:164 Resp: 22741
Ion Ratio Lower Upper
164 100
166 128.1 103.0 154.6
129 96.5 77.4 116.0
131 97.7 70.4 105.6





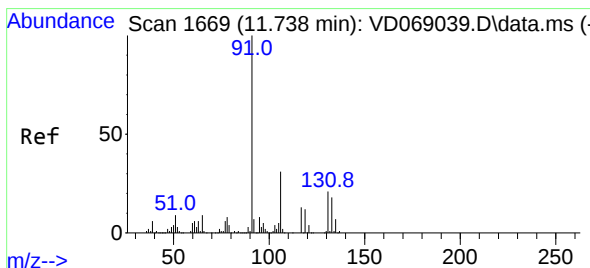
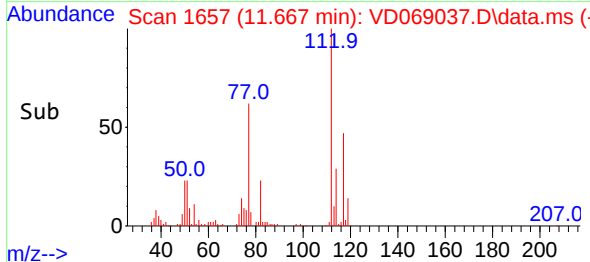
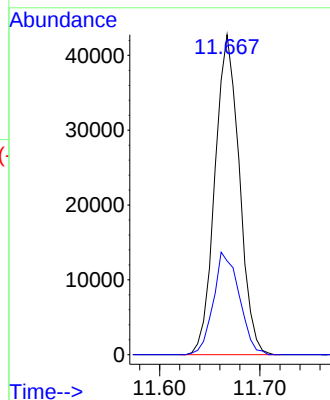
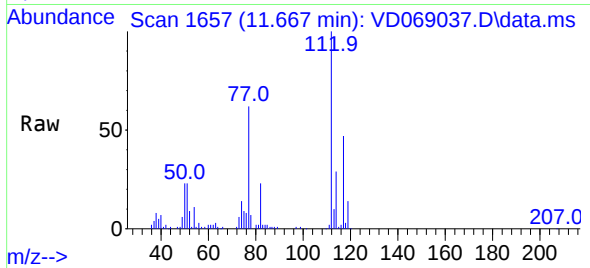
#65
Chlorobenzene
Concen: 9.67 ug/l
RT: 11.667 min Scan# 1657
Delta R.T. 0.000 min
Lab File: VD069037.D
Acq: 03 May 2021 11:44

Tgt Ion:112 Resp: 72325
Ion Ratio Lower Upper
112 100
114 29.3 25.2 37.8

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

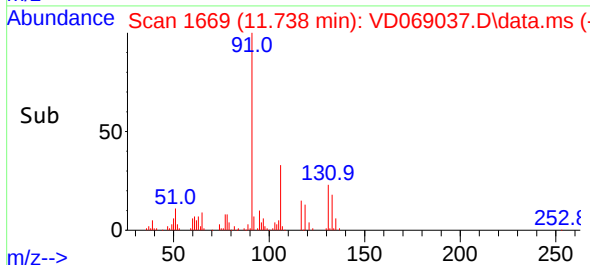
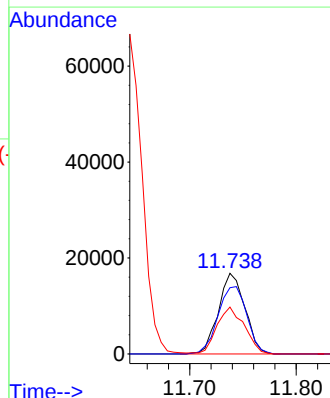
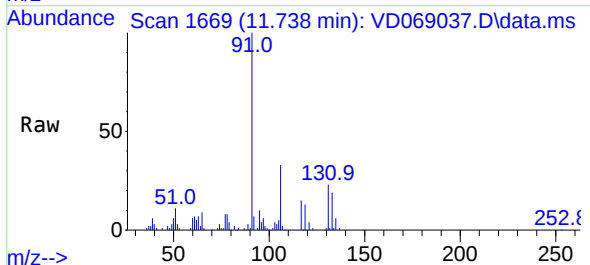
Manual Integrations
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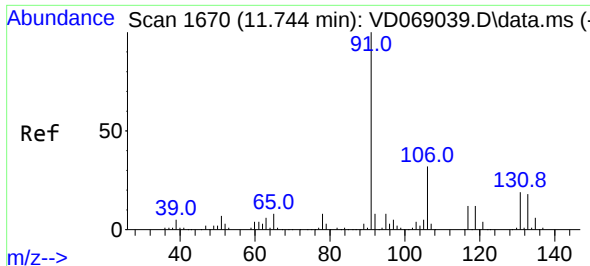
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#66
1,1,1,2-Tetrachloroethane
Concen: 10.15 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD069037.D
Acq: 03 May 2021 11:44

Tgt Ion:131 Resp: 29013
Ion Ratio Lower Upper
131 100
133 91.1 47.0 141.2
119 60.7 32.8 98.3





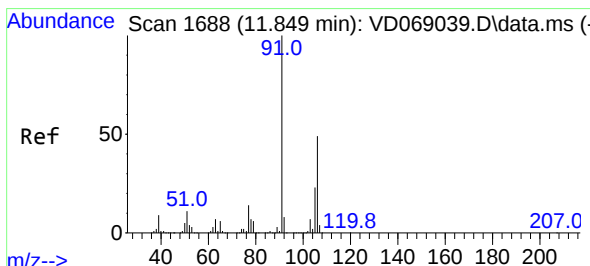
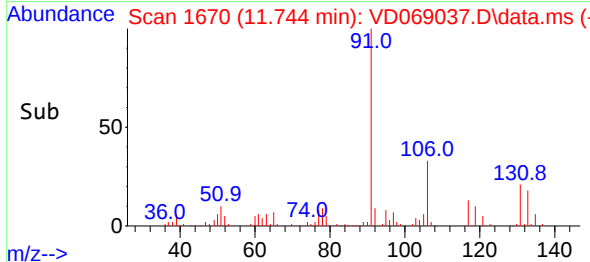
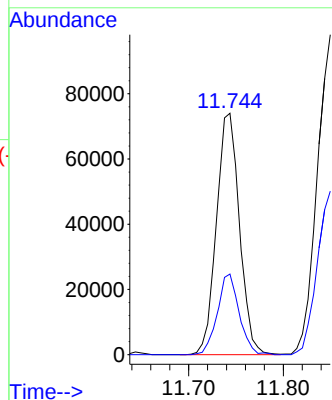
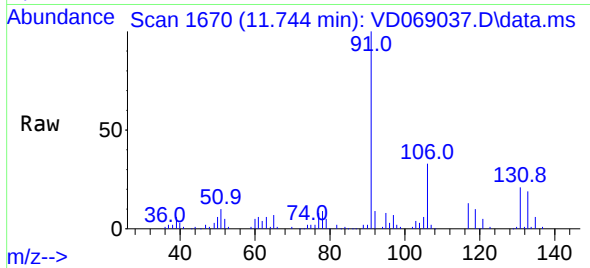
#67
Ethyl Benzene
Concen: 9.65 ug/l
RT: 11.744 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VD069037.D
Acq: 03 May 2021 11:44

Tgt Ion: 91 Resp: 125164
Ion Ratio Lower Upper
91 100
106 33.4 25.1 37.7

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

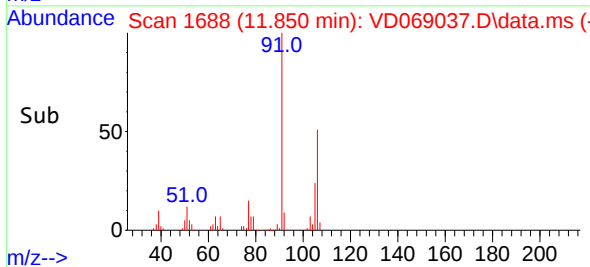
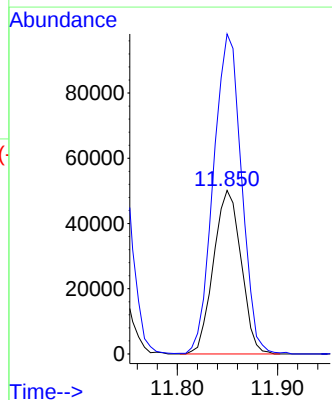
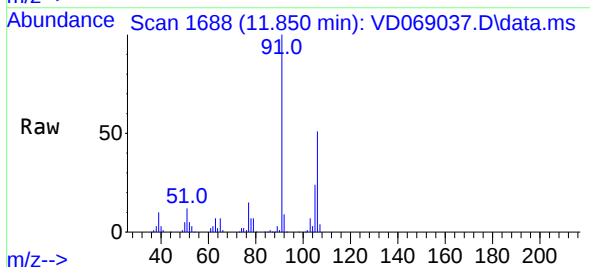
Manual Integrations
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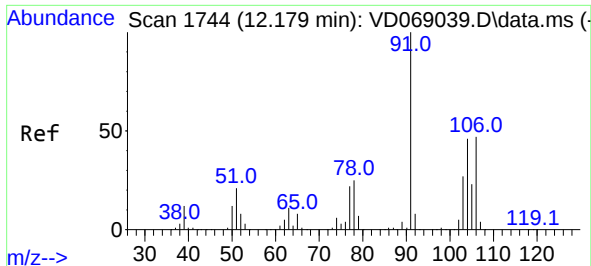
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#68
m/p-Xylenes
Concen: 19.69 ug/l
RT: 11.850 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VD069037.D
Acq: 03 May 2021 11:44

Tgt Ion: 106 Resp: 95715
Ion Ratio Lower Upper
106 100
91 199.2 158.6 238.0





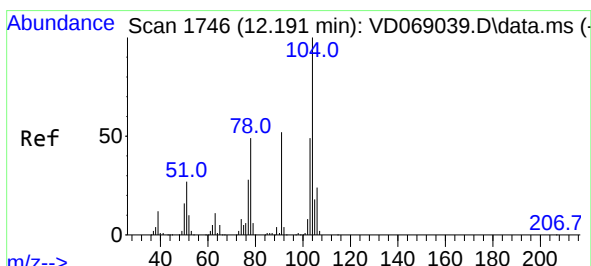
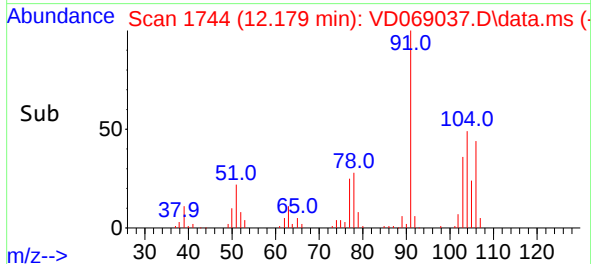
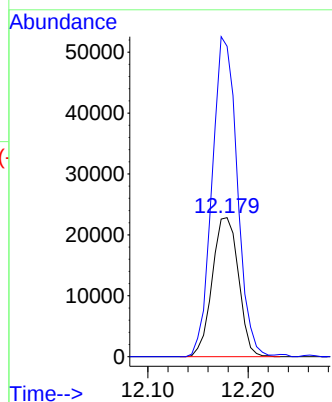
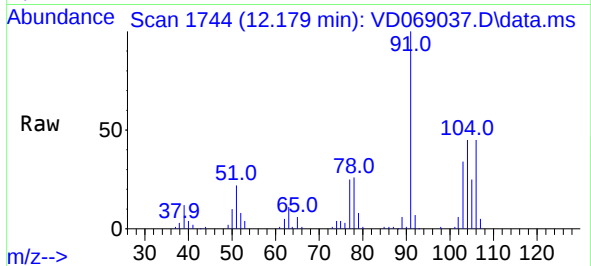
#69
o-Xylene
Concen: 9.55 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. 0.000 min
Lab File: VD069037.D
Acq: 03 May 2021 11:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion:106 Resp: 41493
Ion Ratio Lower Upper
106 100
91 220.8 105.0 315.0

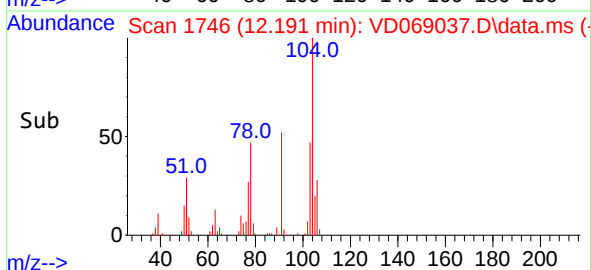
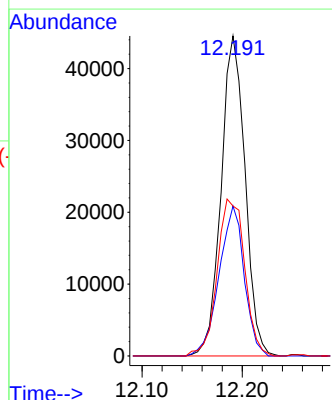
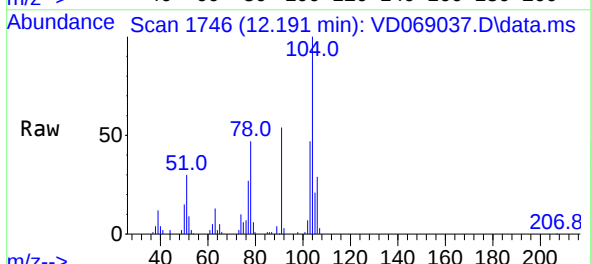
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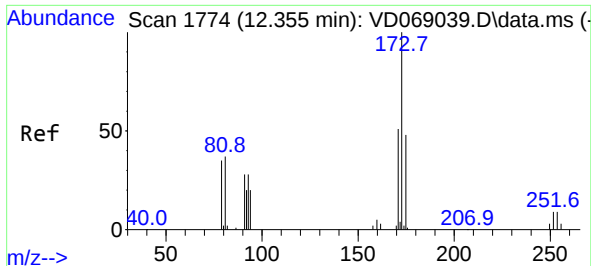
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#70
Styrene
Concen: 9.66 ug/l
RT: 12.191 min Scan# 1746
Delta R.T. 0.000 min
Lab File: VD069037.D
Acq: 03 May 2021 11:44

Tgt Ion:104 Resp: 73952
Ion Ratio Lower Upper
104 100
78 49.1 36.9 55.3
103 56.2 44.3 66.5





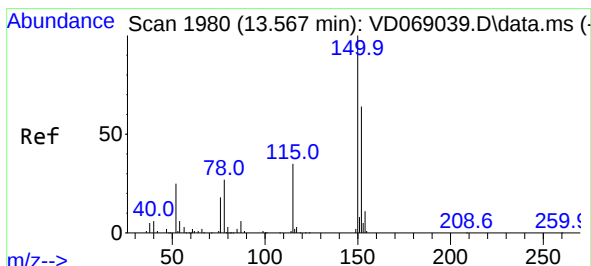
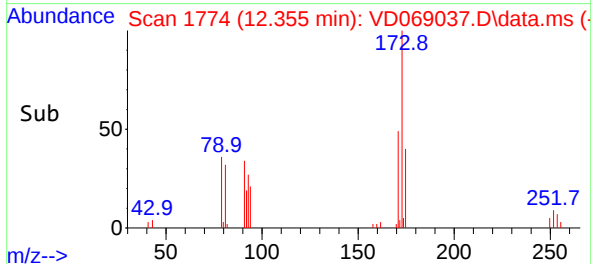
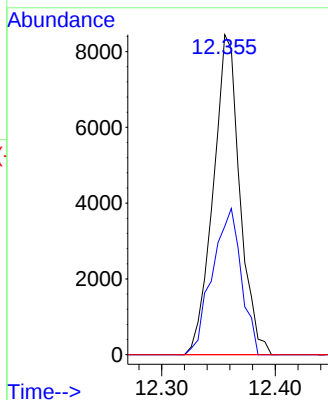
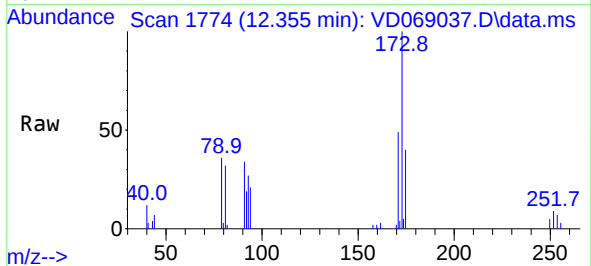
#71
Bromoform
Concen: 9.59 ug/l
RT: 12.355 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VD069037.D
Acq: 03 May 2021 11:44

Tgt Ion:	173	Resp:	13759
Ion Ratio	Lower	Upper	
173	100		
175	49.8	23.6	71.0
254	0.0	0.0	0.0

Instrument :
MSVOA_D
ClientSampled :
VSTDIC010

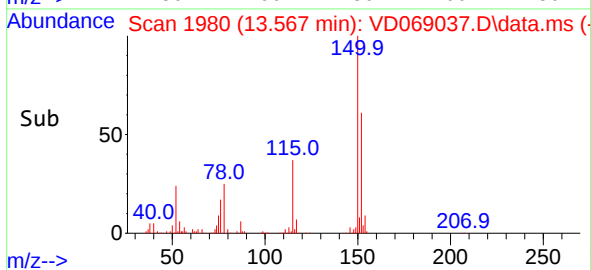
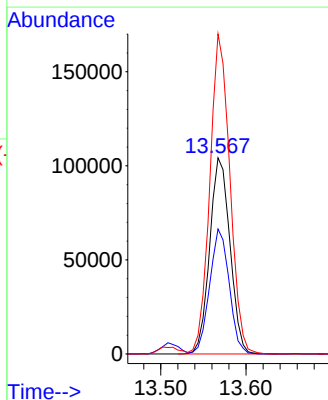
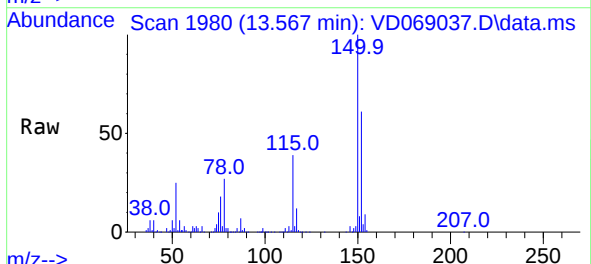
Manual Integrations
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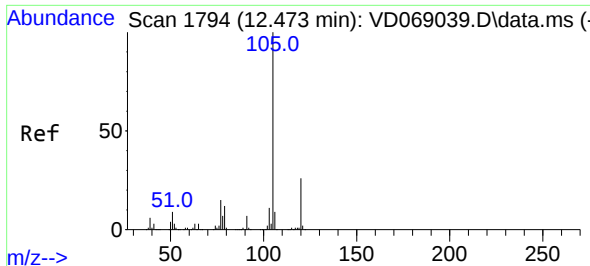
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD069037.D
Acq: 03 May 2021 11:44

Tgt Ion:	152	Resp:	172699
Ion Ratio	Lower	Upper	
152	100		
115	61.2	29.3	87.8
150	160.7	0.0	347.6





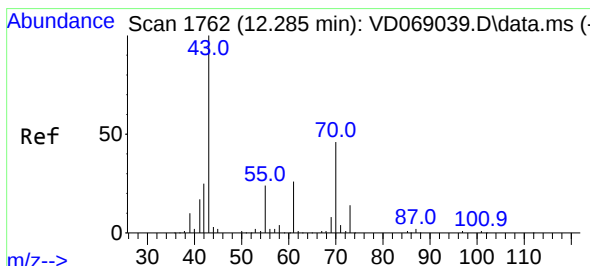
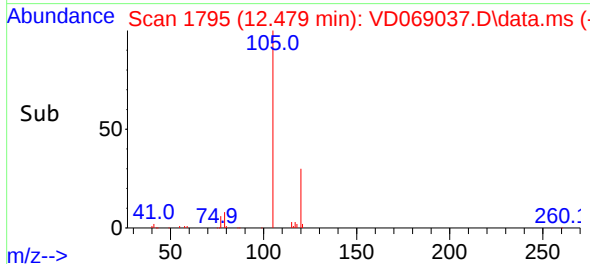
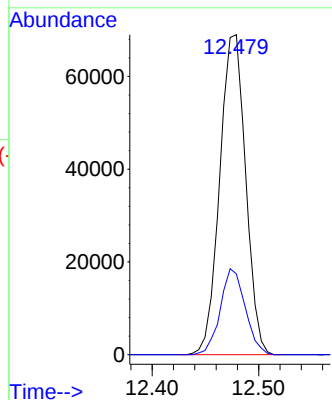
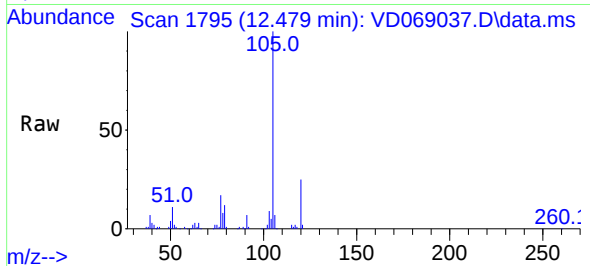
#73
Isopropylbenzene
Concen: 10.03 ug/l
RT: 12.479 min Scan# 1795
Delta R.T. 0.006 min
Lab File: VD069037.D
Acq: 03 May 2021 11:44

Tgt Ion: 105 Resp: 116716
Ion Ratio Lower Upper
105 100
120 25.9 13.4 40.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

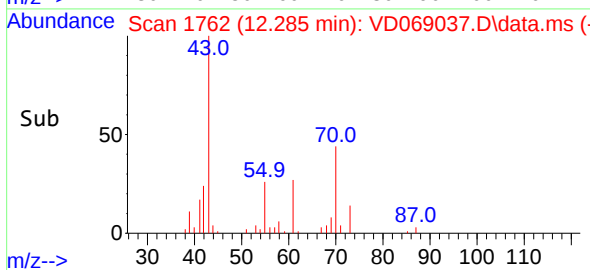
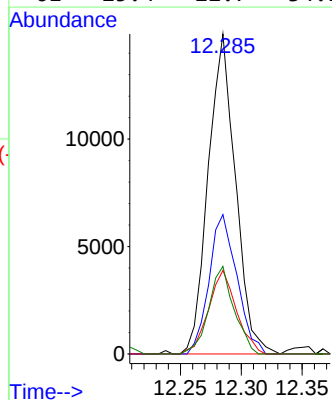
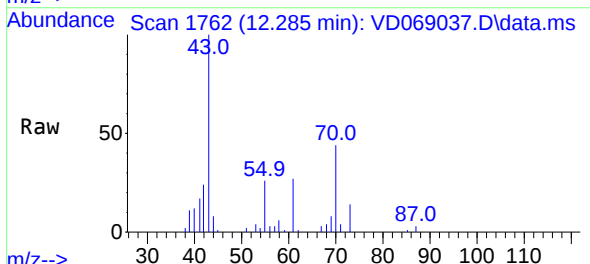
Manual Integrations
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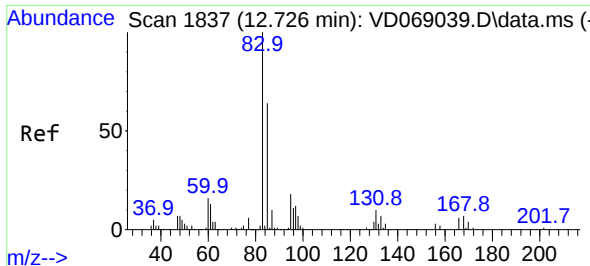
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#74
N-ethyl acetate
Concen: 9.48 ug/l
RT: 12.285 min Scan# 1762
Delta R.T. 0.000 min
Lab File: VD069037.D
Acq: 03 May 2021 11:44

Tgt Ion: 43 Resp: 23227
Ion Ratio Lower Upper
43 100
70 44.4 41.9 62.9
55 26.8 22.8 34.2
61 25.4 22.7 34.1





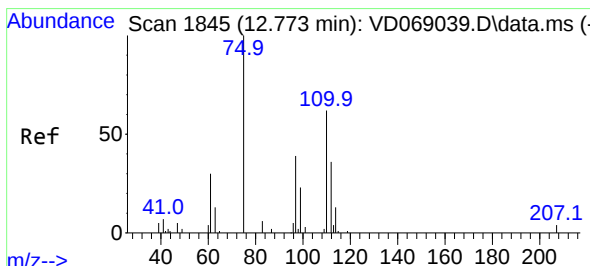
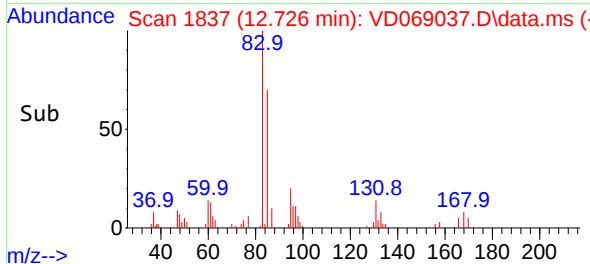
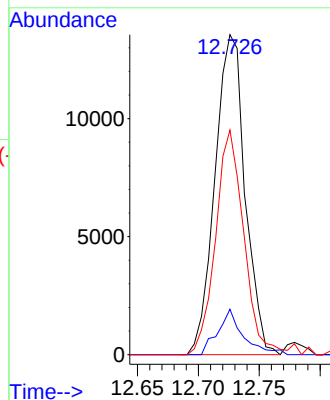
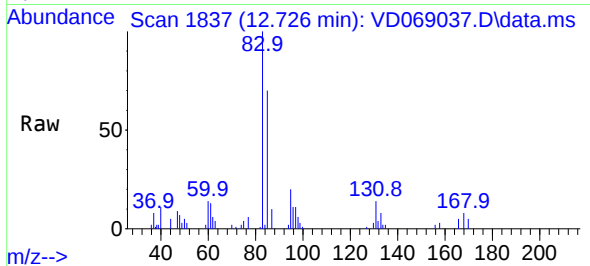
#75
1,1,2,2-Tetrachloroethane
Concen: 9.99 ug/l
RT: 12.726 min Scan# 1837
Delta R.T. 0.000 min
Lab File: VD069037.D
Acq: 03 May 2021 11:44

Tgt Ion: 83 Resp: 23364
Ion Ratio Lower Upper
83 100
131 12.0 5.1 15.3
85 65.7 32.0 96.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

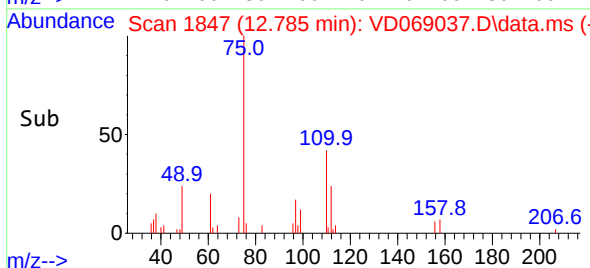
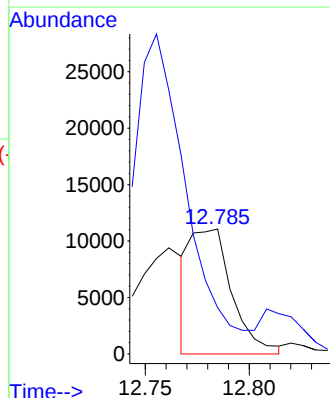
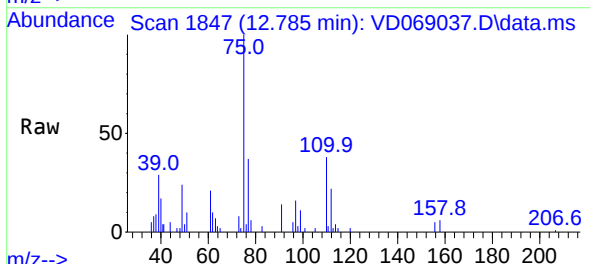
Manual Integrations
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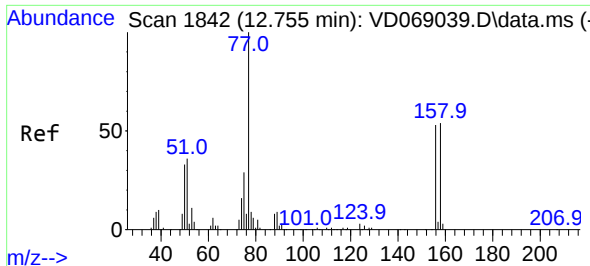
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5/4/2021 5:35:15 PM



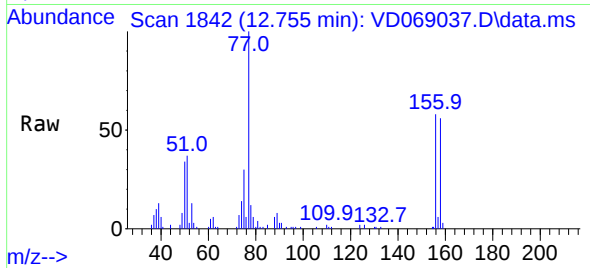
#76
1,2,3-Trichloropropane
Concen: 9.81 ug/l m
RT: 12.785 min Scan# 1847
Delta R.T. 0.012 min
Lab File: VD069037.D
Acq: 03 May 2021 11:44

Tgt Ion: 75 Resp: 15535
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

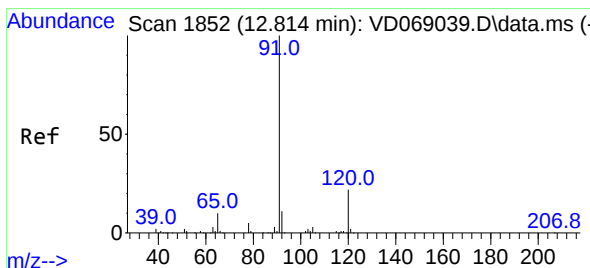
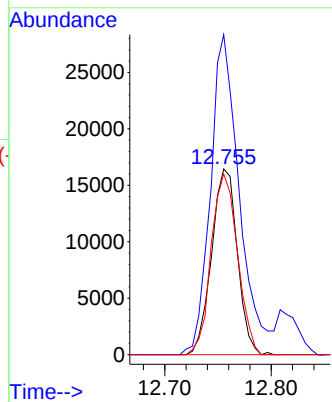
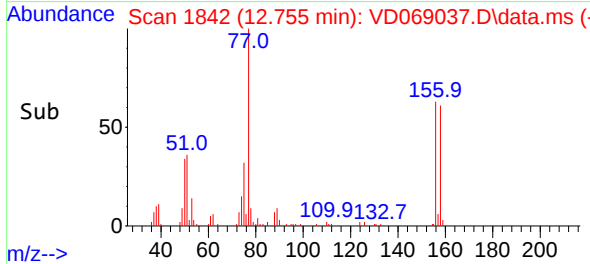




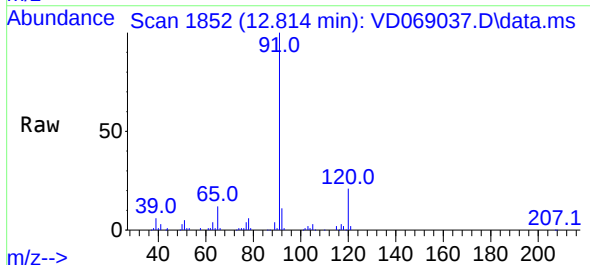
#77
Bromobenzene
Concen: 10.13 ug/l
RT: 12.755 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD069037.D
Acq: 03 May 2021 11:44



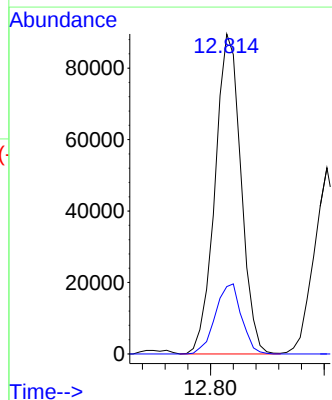
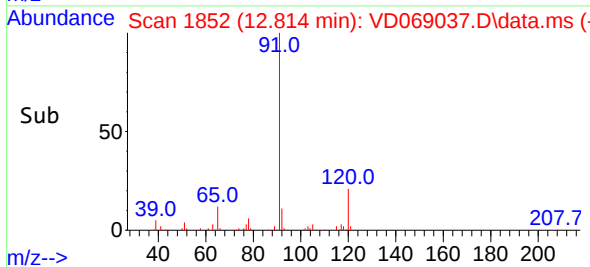
Tgt Ion: 156 Resp: 27540
Ion Ratio Lower Upper
156 100
77 191.3 88.9 266.8
158 99.9 47.7 143.1



#78
n-propylbenzene
Concen: 9.94 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VD069037.D
Acq: 03 May 2021 11:44



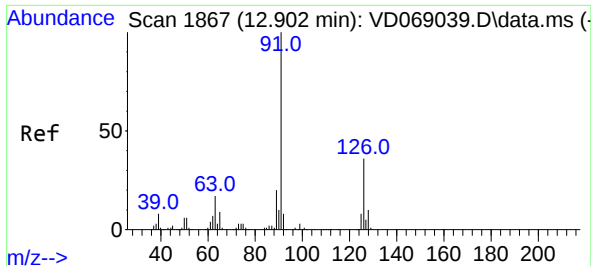
Tgt Ion: 91 Resp: 142212
Ion Ratio Lower Upper
91 100
120 22.0 11.4 34.2



Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Manual Integrations
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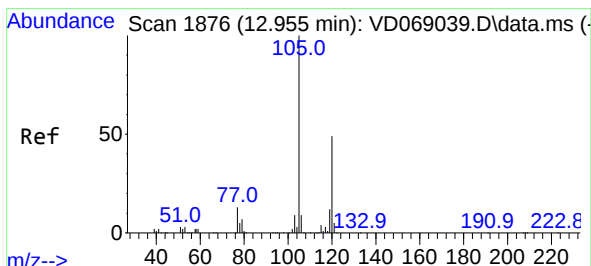
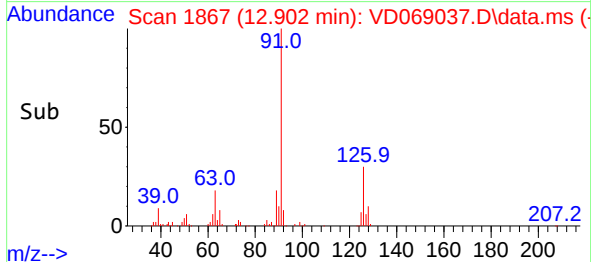
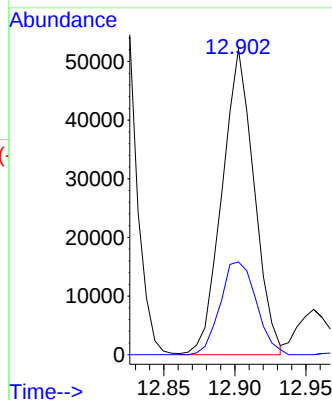
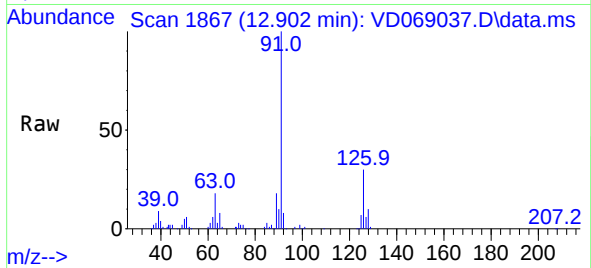
#79
2-Chlorotoluene
Concen: 10.15 ug/l
RT: 12.902 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD069037.D
Acq: 03 May 2021 11:44

Tgt Ion: 91 Resp: 81807
Ion Ratio Lower Upper
91 100
126 34.1 17.1 51.3

Instrument :
MSVOA_D
ClientSampled :
VSTDIC010

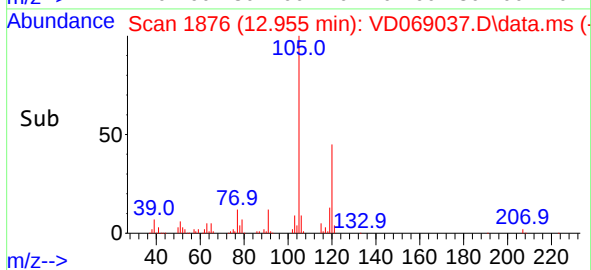
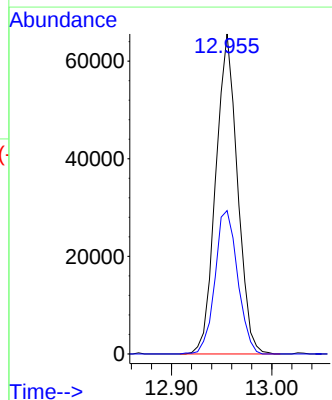
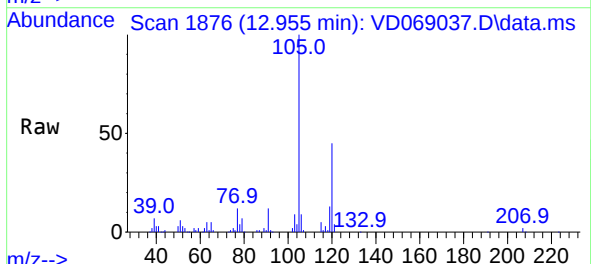
Manual Integrations
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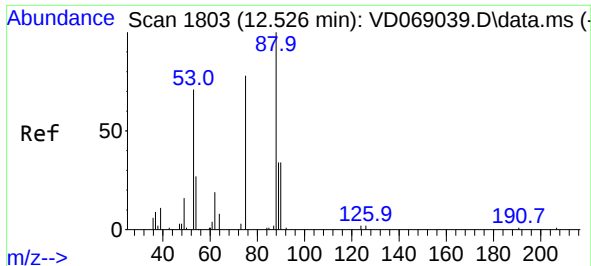
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#80
1,3,5-Trimethylbenzene
Concen: 9.96 ug/l
RT: 12.955 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VD069037.D
Acq: 03 May 2021 11:44

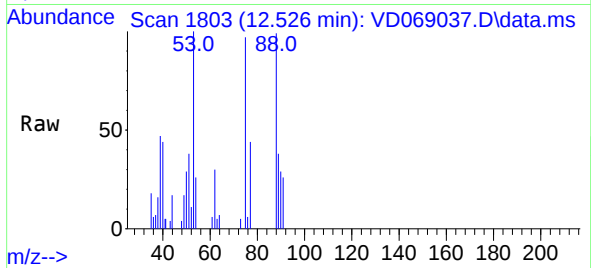
Tgt Ion: 105 Resp: 98628
Ion Ratio Lower Upper
105 100
120 46.7 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 9.30 ug/l
RT: 12.526 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VD069037.D
Acq: 03 May 2021 11:44

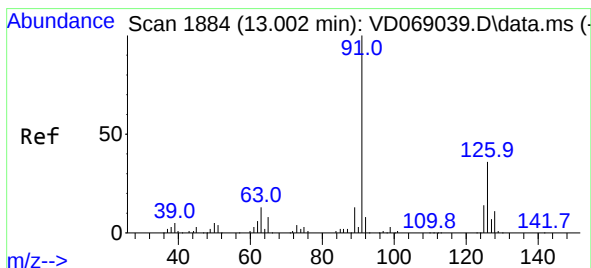
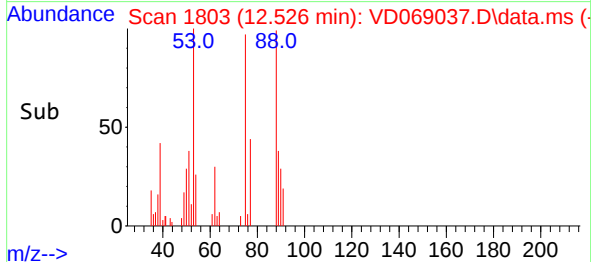
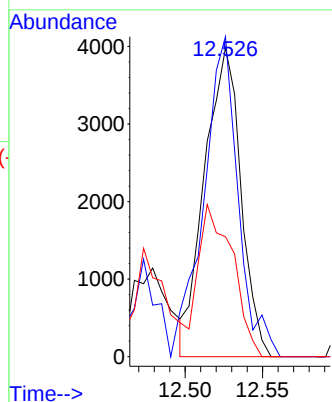
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



Tgt Ion:	75	Resp:	6469
Ion	Ratio	Lower	Upper
75	100		
53	98.6	66.8	100.2
89	45.6	36.6	54.8

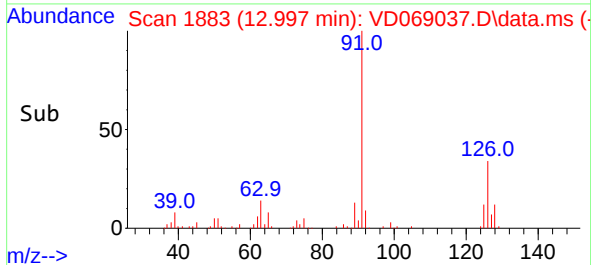
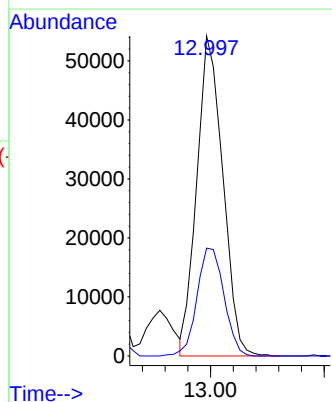
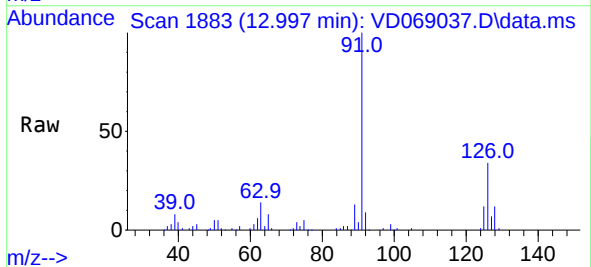
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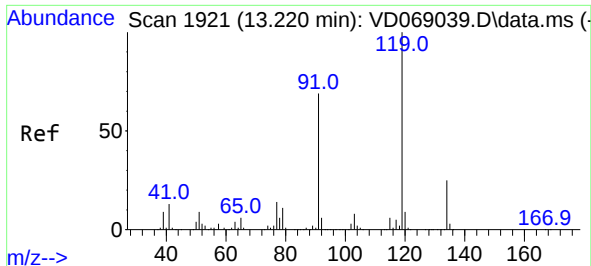
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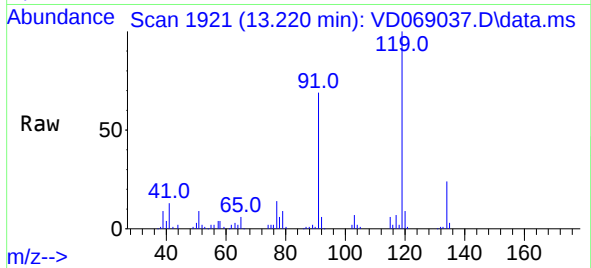
#82
4-Chlorotoluene
Concen: 9.85 ug/l
RT: 12.997 min Scan# 1883
Delta R.T. -0.006 min
Lab File: VD069037.D
Acq: 03 May 2021 11:44

Tgt Ion:	91	Resp:	86362
Ion	Ratio	Lower	Upper
91	100		
126	35.0	17.2	51.5

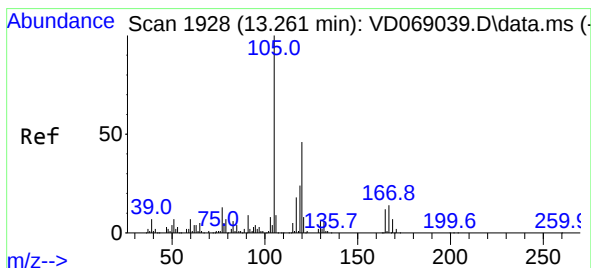
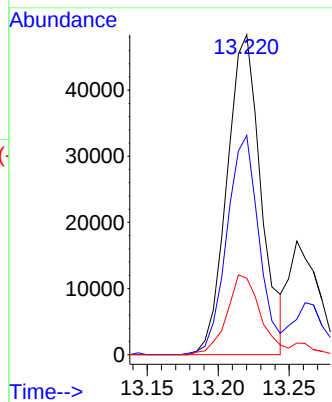
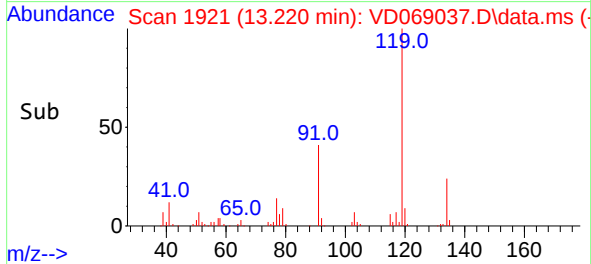




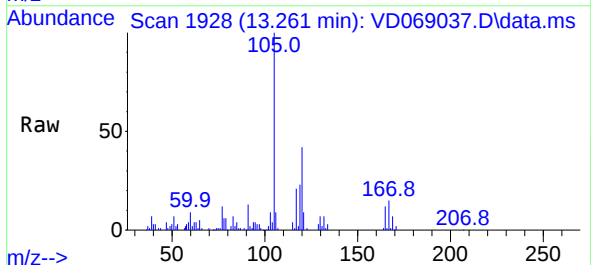
#83
tert-Butylbenzene
Concen: 9.83 ug/l
RT: 13.220 min Scan# 1921
Delta R.T. 0.000 min
Lab File: VD069037.D
Acq: 03 May 2021 11:44



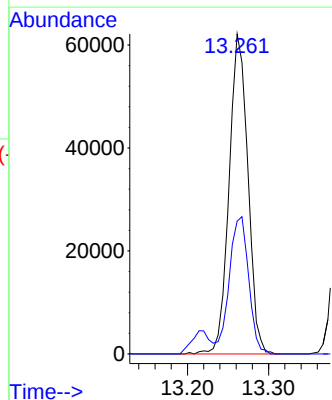
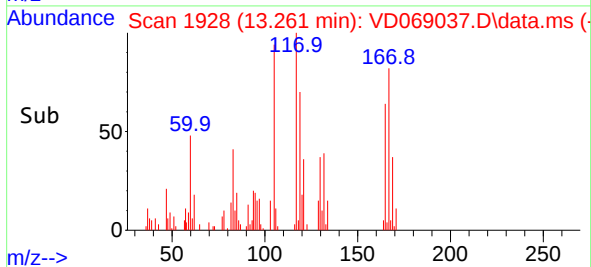
Tgt Ion:119 Resp: 80760
Ion Ratio Lower Upper
119 100
91 65.0 31.6 95.0
134 24.8 13.4 40.2



#84
1,2,4-Trimethylbenzene
Concen: 9.98 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. 0.000 min
Lab File: VD069037.D
Acq: 03 May 2021 11:44



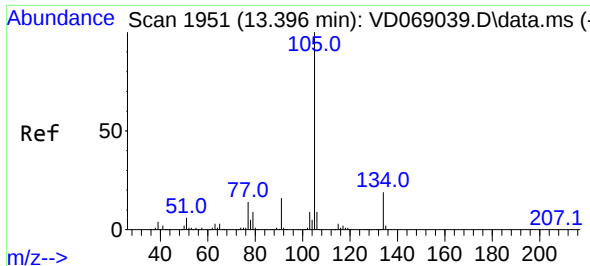
Tgt Ion:105 Resp: 99962
Ion Ratio Lower Upper
105 100
120 44.3 22.6 67.7



Instrument :
MSVOA_D
ClientSampleID :
VSTDIC010

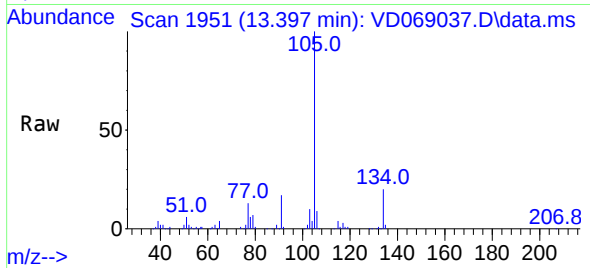
Manual Integrations
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#85
 sec-Butylbenzene
 Concen: 10.02 ug/l
 RT: 13.397 min Scan# 1951
 Delta R.T. 0.000 min
 Lab File: VD069037.D
 Acq: 03 May 2021 11:44

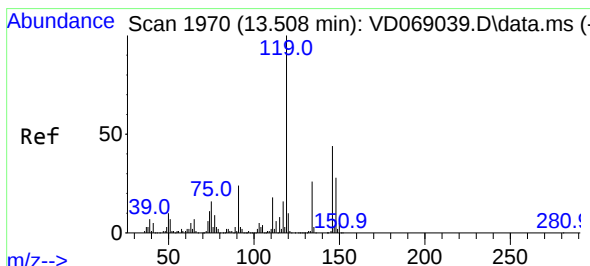
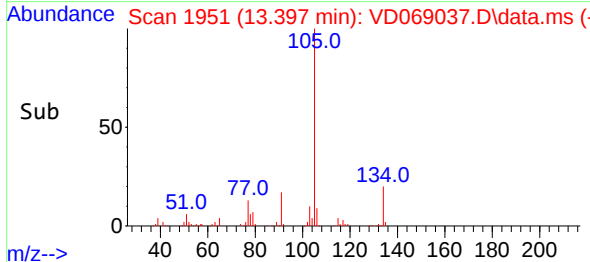
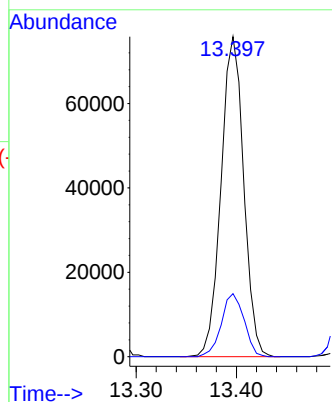
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010



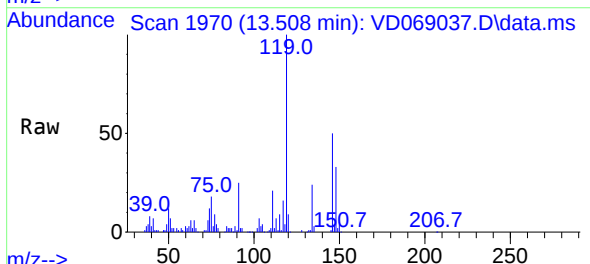
Tgt Ion:105 Resp: 118804
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.0 29.8

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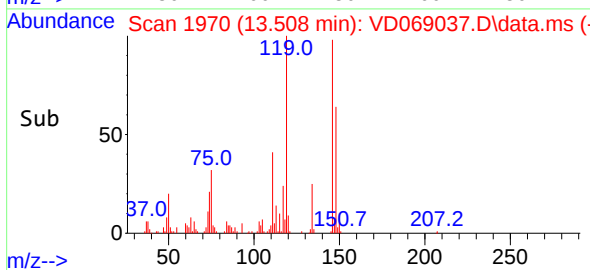
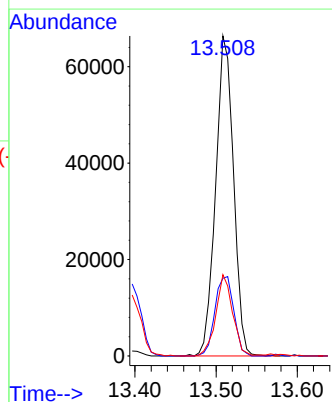
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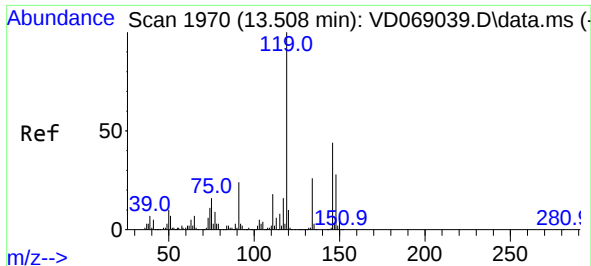


#86
 p-Isopropyltoluene
 Concen: 9.56 ug/l
 RT: 13.508 min Scan# 1970
 Delta R.T. 0.000 min
 Lab File: VD069037.D
 Acq: 03 May 2021 11:44



Tgt Ion:119 Resp: 101606
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.3 39.9
 91 24.0 11.1 33.1





#87

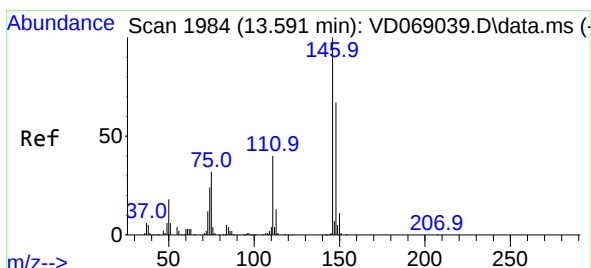
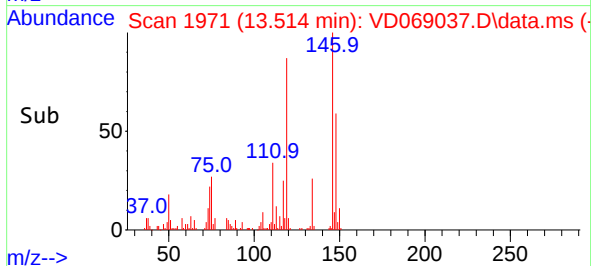
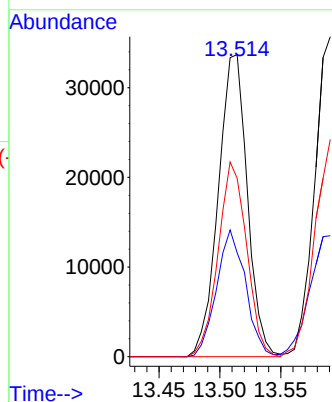
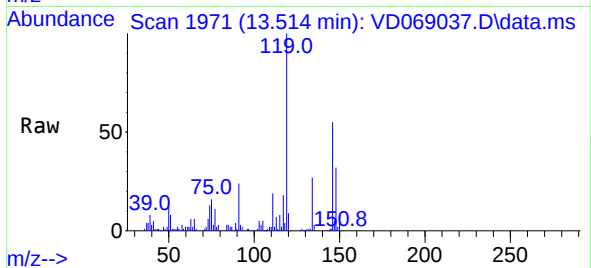
1,3-Dichlorobenzene
Concen: 9.97 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. 0.006 min
Lab File: VD069037.D
Acq: 03 May 2021 11:44

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.8	19.3	57.8
148	63.2	30.9	92.8

Instrument :
MSVOA_D
ClientSampled :
VSTDIC010

Manual Integrations
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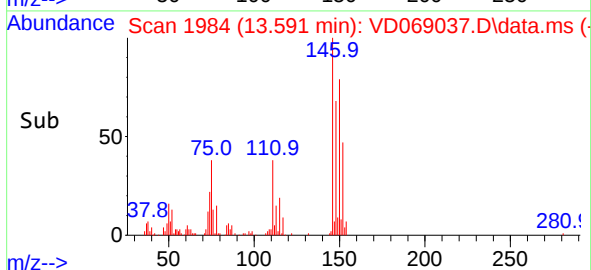
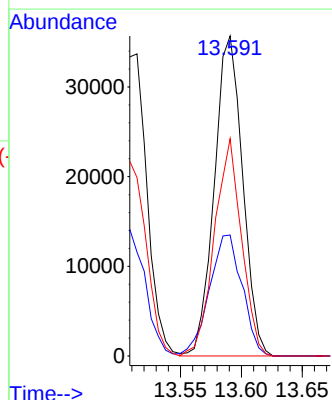
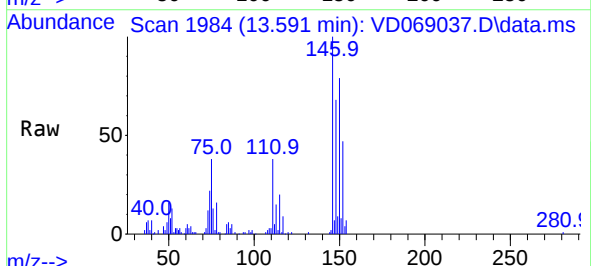
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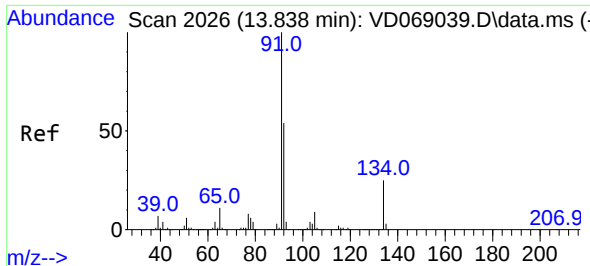


#88

1,4-Dichlorobenzene
Concen: 10.30 ug/l
RT: 13.591 min Scan# 1984
Delta R.T. 0.000 min
Lab File: VD069037.D
Acq: 03 May 2021 11:44

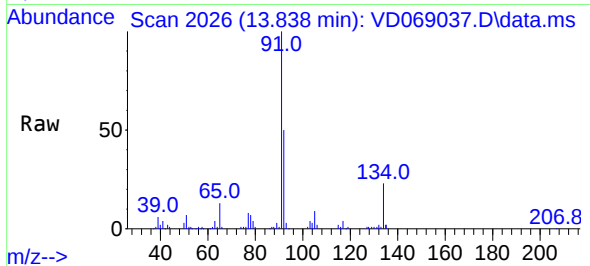
Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.8	19.1	57.1
148	65.2	31.6	95.0





#89
n-Butylbenzene
Concen: 9.72 ug/l
RT: 13.838 min Scan# 2026
Delta R.T. 0.000 min
Lab File: VD069037.D
Acq: 03 May 2021 11:44

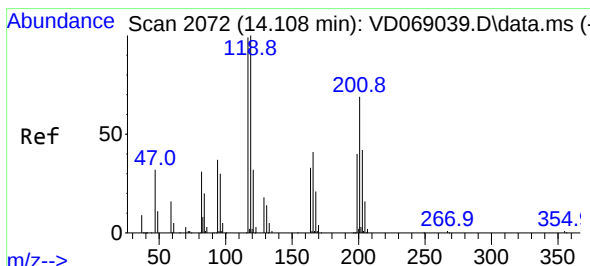
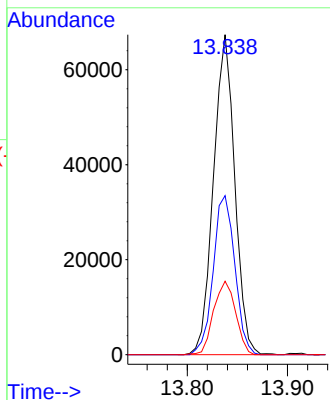
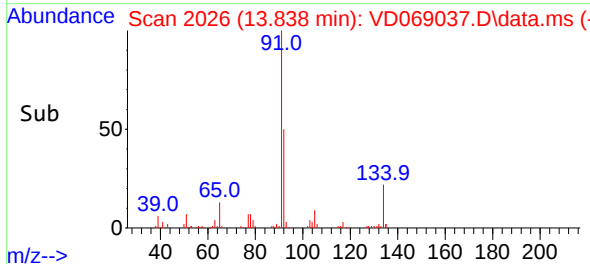
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



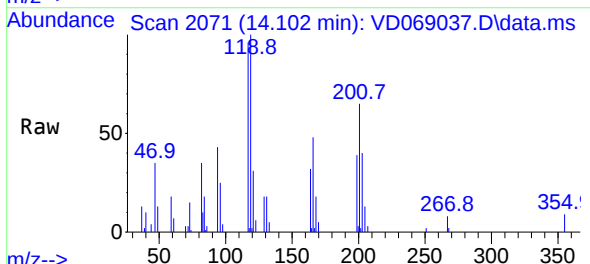
Tgt Ion: 91 Resp: 99269
Ion Ratio Lower Upper
91 100
92 50.6 26.7 80.1
134 23.7 12.9 38.6

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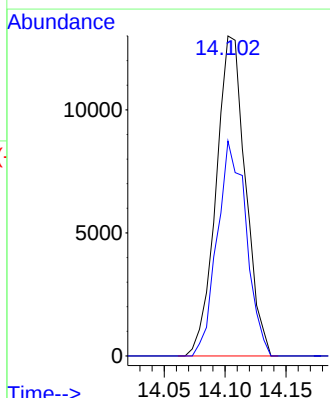
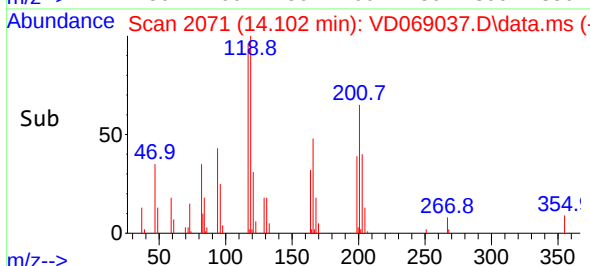
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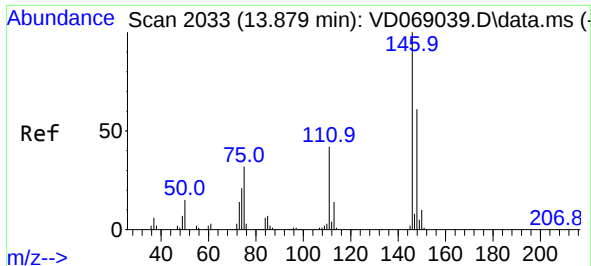


#90
Hexachloroethane
Concen: 9.79 ug/l
RT: 14.102 min Scan# 2071
Delta R.T. -0.006 min
Lab File: VD069037.D
Acq: 03 May 2021 11:44



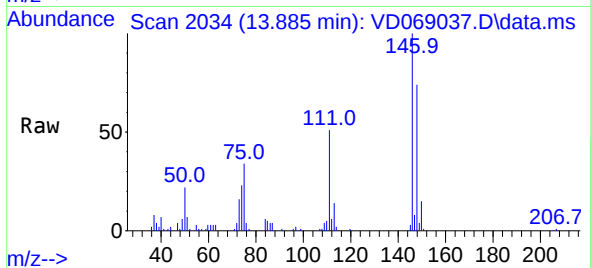
Tgt Ion: 117 Resp: 21884
Ion Ratio Lower Upper
117 100
201 66.1 35.4 106.2





#91
1,2-Dichlorobenzene
Concen: 10.10 ug/l
RT: 13.885 min Scan# 2034
Delta R.T. 0.006 min
Lab File: VD069037.D
Acq: 03 May 2021 11:44

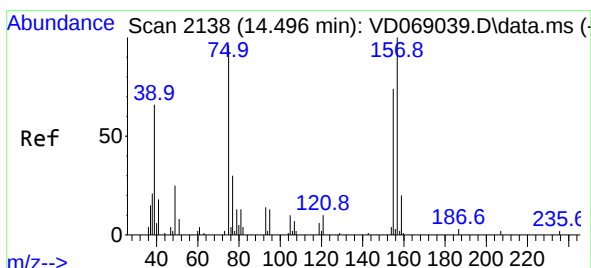
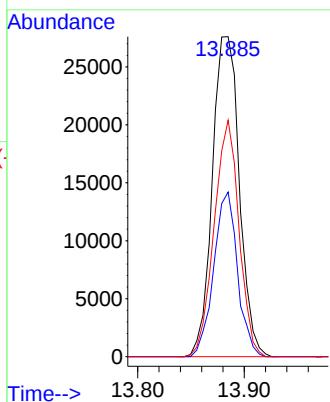
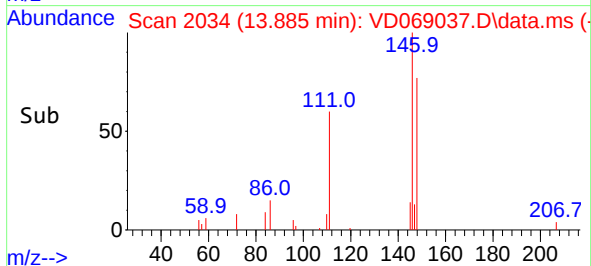
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



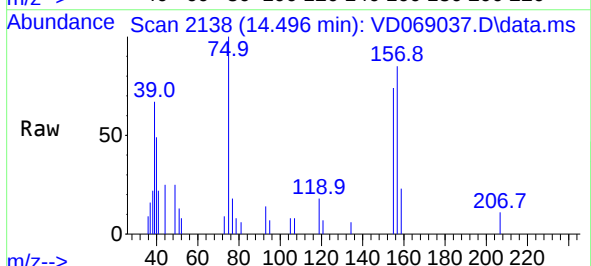
Tgt Ion:146 Resp: 48546
Ion Ratio Lower Upper
146 100
111 45.3 20.3 60.9
148 68.0 32.2 96.6

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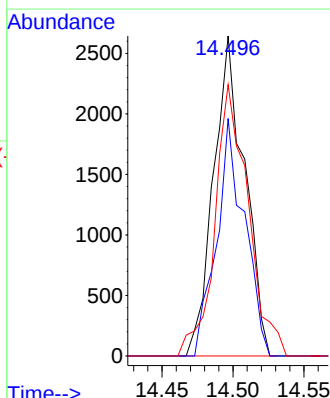
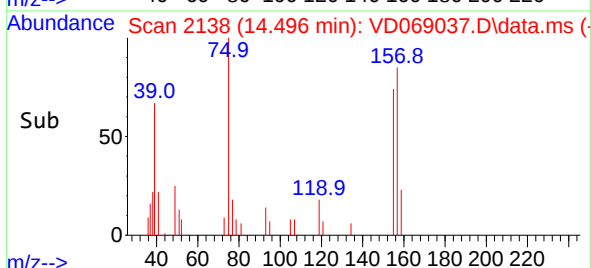
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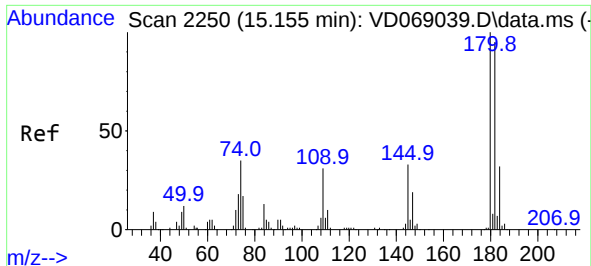


#92
1,2-Dibromo-3-Chloropropane
Concen: 10.15 ug/l
RT: 14.496 min Scan# 2138
Delta R.T. 0.000 min
Lab File: VD069037.D
Acq: 03 May 2021 11:44



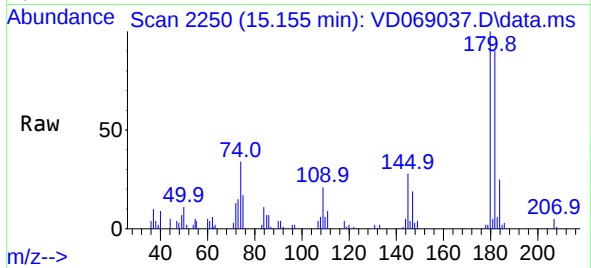
Tgt Ion: 75 Resp: 4021
Ion Ratio Lower Upper
75 100
155 66.5 46.8 140.3
157 90.4 59.8 179.3





#93
1,2,4-Trichlorobenzene
Concen: 10.14 ug/l
RT: 15.155 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VD069037.D
Acq: 03 May 2021 11:44

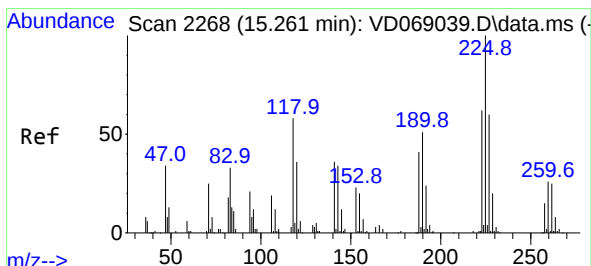
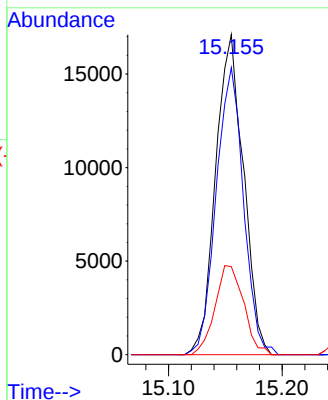
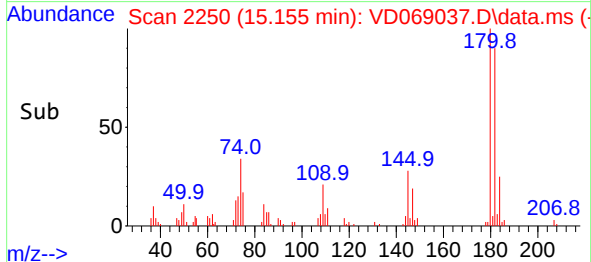
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



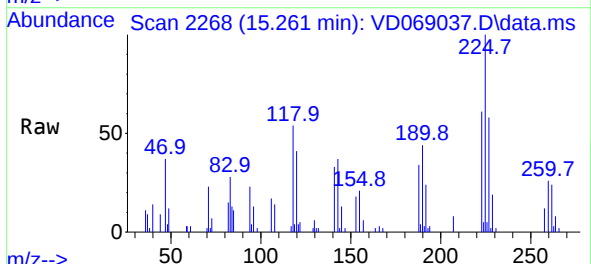
Tgt Ion:180 Resp: 29190
Ion Ratio Lower Upper
180 100
182 87.7 47.9 143.8
145 28.6 15.2 45.6

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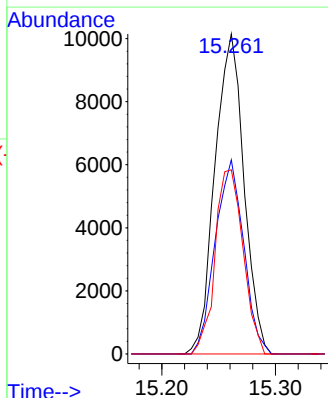
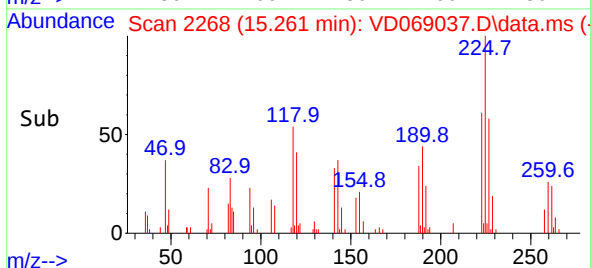
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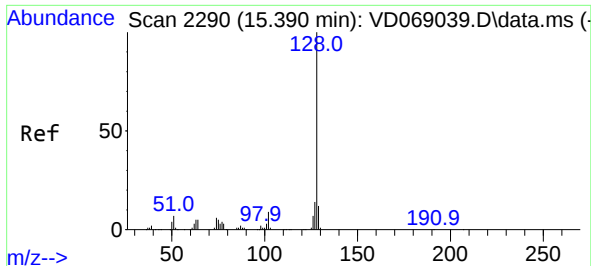


#94
Hexachlorobutadiene
Concen: 10.83 ug/l
RT: 15.261 min Scan# 2268
Delta R.T. 0.000 min
Lab File: VD069037.D
Acq: 03 May 2021 11:44

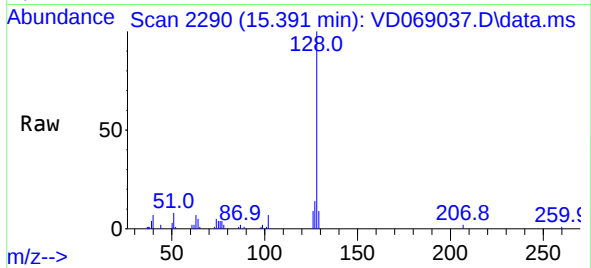


Tgt Ion:225 Resp: 17976
Ion Ratio Lower Upper
225 100
223 59.5 30.6 91.6
227 55.6 31.4 94.0

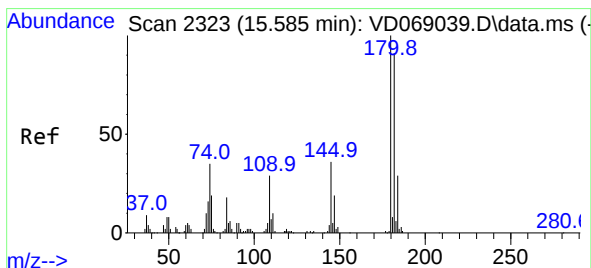
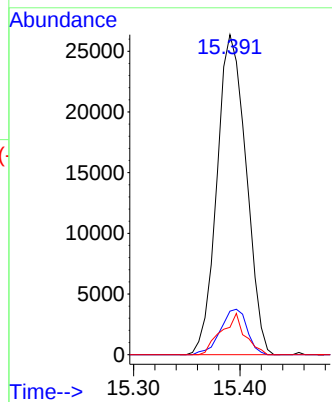
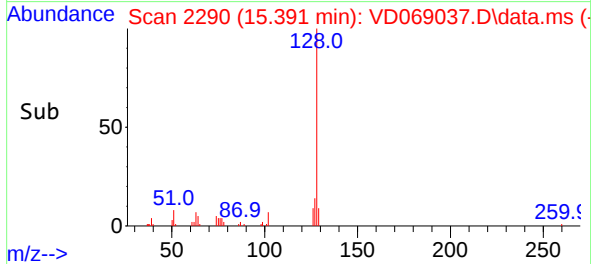




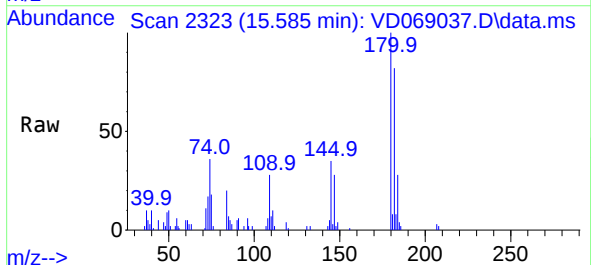
#95
Naphthalene
Concen: 9.69 ug/l
RT: 15.391 min Scan# 2290
Delta R.T. 0.000 min
Lab File: VD069037.D
Acq: 03 May 2021 11:44



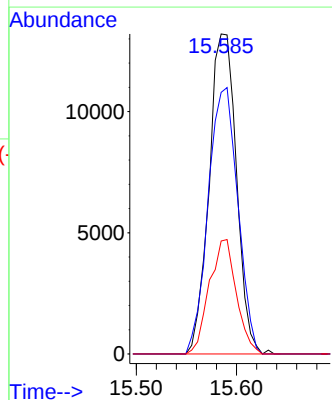
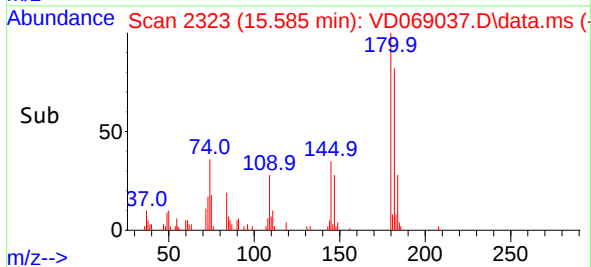
Tgt Ion:	128	Resp:	50133
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.2	15.4
129	10.4	8.9	13.3



#96
1,2,3-Trichlorobenzene
Concen: 10.02 ug/l
RT: 15.585 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VD069037.D
Acq: 03 May 2021 11:44



Tgt Ion:	180	Resp:	25044
Ion Ratio	Lower	Upper	
180	100		
182	90.1	46.5	139.3
145	35.3	15.8	47.4



Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Manual Integrations
APPROVED

MMDadoda
5/4/2021 5:35:15 PM