

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081321\
 Data File : VD070041.D
 Acq On : 13 Aug 2021 10:40
 Operator : VA/SY
 Sample : VSTDIC005
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

Manual Integrations
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 8/16/2021 5:04:48 PM

Quant Time: Aug 14 02:12:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 14 02:11:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	528215	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	972501	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	907099	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	417401	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	33540	5.399	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	10.800%#		
35) Dibromofluoromethane	7.914	113	31415	5.000	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	10.000%#		
50) Toluene-d8	10.332	98	117136	4.793	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	9.580%#		
62) 4-Bromofluorobenzene	12.626	95	38166	4.742	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	9.480%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	36417	6.024	ug/l	98
3) Chloromethane	2.209	50	48670	5.866	ug/l	93
4) Vinyl Chloride	2.344	62	52096	5.828	ug/l	97
5) Bromomethane	2.762	94	36122	6.422	ug/l	96
6) Chloroethane	2.921	64	33413	5.851	ug/l	95
7) Trichlorofluoromethane	3.268	101	64403	5.998	ug/l	93
8) Diethyl Ether	3.709	74	14720	4.791	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.097	101	41451	6.068	ug/l	96
10) Methyl Iodide	4.297	142	26145	4.186	ug/l	95
11) Tert butyl alcohol	5.220	59	10189m	29.591	ug/l	
12) 1,1-Dichloroethene	4.062	96	34471	5.493	ug/l	93
13) Acrolein	3.932	56	9795	24.764	ug/l	88
14) Allyl chloride	4.715	41	44962	4.802	ug/l	98
15) Acrylonitrile	5.420	53	35785	25.116	ug/l	96
16) Acetone	4.156	43	33392	29.177	ug/l #	88
17) Carbon Disulfide	4.409	76	124781	5.500	ug/l	98
18) Methyl Acetate	4.715	43	18033	5.285	ug/l	96
19) Methyl tert-butyl Ether	5.479	73	58670	4.505	ug/l	100
20) Methylene Chloride	4.967	84	79784	7.798	ug/l	93
21) trans-1,2-Dichloroethene	5.467	96	38437	5.273	ug/l	96
22) Diisopropyl ether	6.356	45	84482	4.290	ug/l #	86
23) Vinyl Acetate	6.309	43	172907	19.373	ug/l	98
24) 1,1-Dichloroethane	6.262	63	73629	5.465	ug/l	98
25) 2-Butanone	7.214	43	36979	23.646	ug/l	94
26) 2,2-Dichloropropane	7.209	77	55359	5.277	ug/l	100
27) cis-1,2-Dichloroethene	7.209	96	38511	4.975	ug/l	98
28) Bromochloromethane	7.538	49	25711	5.244	ug/l	94
29) Tetrahydrofuran	7.567	42	23197	22.653	ug/l	96
30) Chloroform	7.709	83	72777	5.492	ug/l	98
31) Cyclohexane	7.985	56	66992	5.448	ug/l #	72
32) 1,1,1-Trichloroethane	7.897	97	61709	5.573	ug/l	96
36) 1,1-Dichloropropene	8.108	75	53826	5.145	ug/l	99
37) Ethyl Acetate	7.291	43	17121	4.505	ug/l	96
38) Carbon Tetrachloride	8.091	117	50011	5.265	ug/l	92
39) Methylcyclohexane	9.355	83	58806	4.828	ug/l	95
40) Benzene	8.350	78	160798	5.299	ug/l	98

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Manual Integrations
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Quant Time: Aug 14 02:12:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	8333	4.334	ug/l #	86
42) 1,2-Dichloroethane	8.420	62	41469	5.332	ug/l	98
43) Isopropyl Acetate	8.444	43	33032	4.656	ug/l	98
44) Trichloroethene	9.108	130	38916	5.309	ug/l	97
45) 1,2-Dichloropropane	9.385	63	40698	5.163	ug/l	96
46) Dibromomethane	9.473	93	19652	5.133	ug/l	97
47) Bromodichloromethane	9.661	83	51503	5.200	ug/l	97
48) Methyl methacrylate	9.455	41	14237	4.208	ug/l	92
49) 1,4-Dioxane	9.455	88	3897	93.535	ug/l #	83
51) 4-Methyl-2-Pentanone	10.226	43	81700	22.148	ug/l	97
52) Toluene	10.397	92	89758	4.860	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	41724	4.756	ug/l	98
54) cis-1,3-Dichloropropene	10.085	75	50814	4.772	ug/l	95
55) 1,1,2-Trichloroethane	10.797	97	29443	5.428	ug/l	97
56) Ethyl methacrylate	10.655	69	25116	4.069	ug/l	97
57) 1,3-Dichloropropane	10.938	76	47840	5.094	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	62349	19.150	ug/l	97
59) 2-Hexanone	10.979	43	51180	20.717	ug/l	96
60) Dibromochloromethane	11.132	129	32725	5.266	ug/l	99
61) 1,2-Dibromoethane	11.238	107	24166	4.921	ug/l	95
64) Tetrachloroethene	10.867	164	33278	5.687	ug/l	87
65) Chlorobenzene	11.661	112	100630	5.310	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	35775	5.315	ug/l	99
67) Ethyl Benzene	11.738	91	159288	4.754	ug/l	97
68) m/p-Xylenes	11.849	106	119873	9.231	ug/l	94
69) o-Xylene	12.173	106	51921	4.431	ug/l	96
70) Styrene	12.185	104	88104	4.293	ug/l	99
71) Bromoform	12.355	173	16845	5.137	ug/l #	96
73) Isopropylbenzene	12.473	105	135972	4.467	ug/l	98
74) N-amyl acetate	12.279	43	27848	4.243	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.720	83	31301	5.154	ug/l	96
76) 1,2,3-Trichloropropane	12.773	75	22092m	6.498	ug/l	
77) Bromobenzene	12.755	156	32941	4.876	ug/l	96
78) n-propylbenzene	12.814	91	177071	4.511	ug/l	97
79) 2-Chlorotoluene	12.902	91	106111	4.698	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	110617	4.269	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.520	75	6631	4.066	ug/l #	91
82) 4-Chlorotoluene	12.996	91	110944	4.691	ug/l	99
83) tert-Butylbenzene	13.214	119	93813	4.454	ug/l	99
84) 1,2,4-Trimethylbenzene	13.261	105	108766	4.231	ug/l	99
85) sec-Butylbenzene	13.391	105	152350	4.515	ug/l	100
86) p-Isopropyltoluene	13.508	119	117157	4.297	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	72589	5.057	ug/l	98
88) 1,4-Dichlorobenzene	13.585	146	74660	5.251	ug/l	94
89) n-Butylbenzene	13.832	91	121001	4.523	ug/l	96
90) Hexachloroethane	14.102	117	29787	5.177	ug/l	99
91) 1,2-Dichlorobenzene	13.879	146	61229	4.978	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.491	75	5133	5.658	ug/l	89
93) 1,2,4-Trichlorobenzene	15.149	180	33178	4.851	ug/l	92
94) Hexachlorobutadiene	15.255	225	20953	5.186	ug/l	95
95) Naphthalene	15.385	128	54307	4.362	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	28868	4.835	ug/l	100

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Sample : VSTDIC005
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

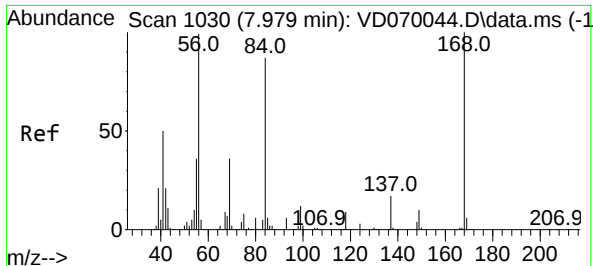
Manual Integrations
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Quant Time: Aug 14 02:12:45 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 14 02:11:15 2021
Response via : Initial Calibration

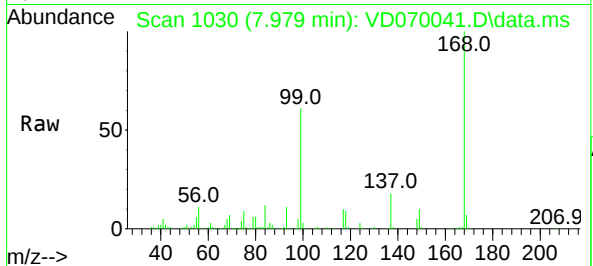
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070041.D
Acq: 13 Aug 2021 10:40

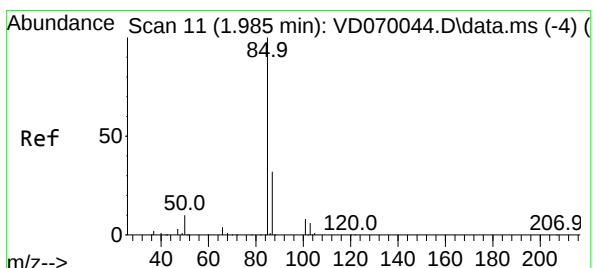
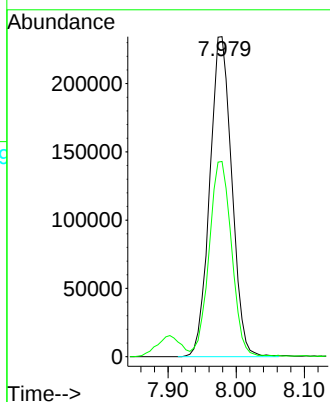
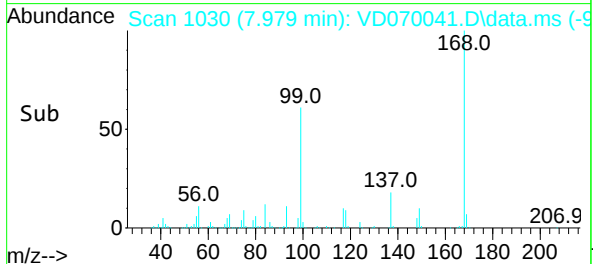
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



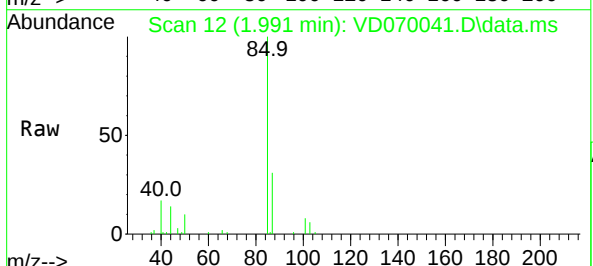
Tgt Ion:168 Resp: 528215
Ion Ratio Lower Upper
168 100
99 60.6 50.3 75.5

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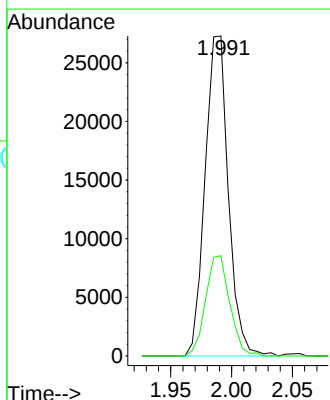
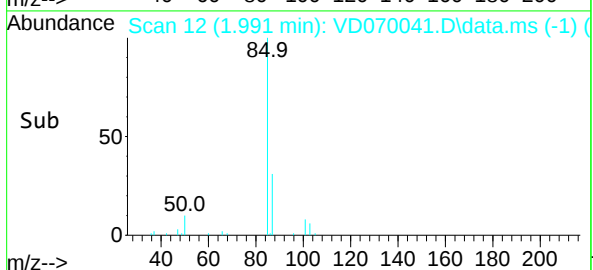
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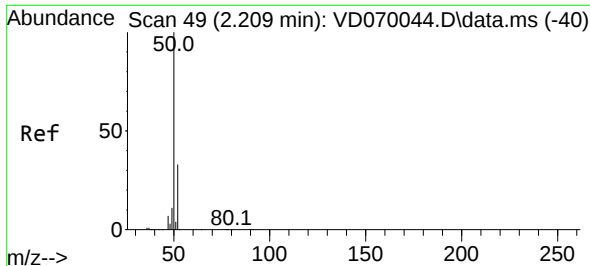


#2
Dichlorodifluoromethane
Concen: 6.024 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.006 min
Lab File: VD070041.D
Acq: 13 Aug 2021 10:40



Tgt Ion: 85 Resp: 36417
Ion Ratio Lower Upper
85 100
87 31.3 16.2 48.6





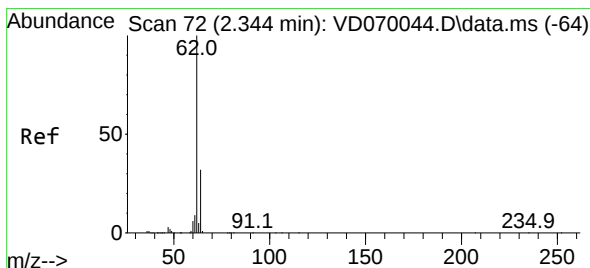
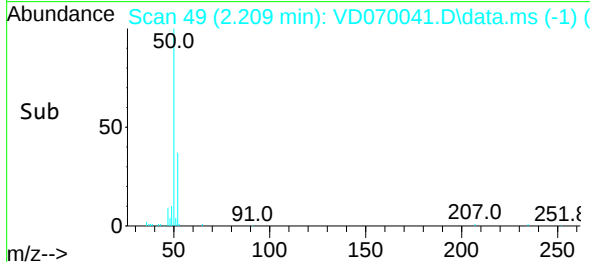
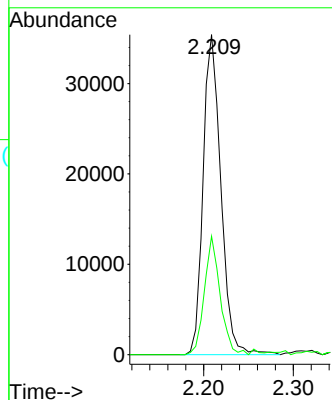
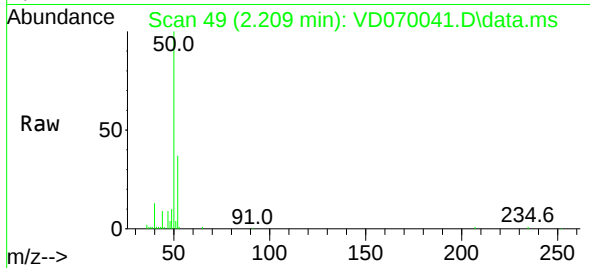
#3
Chloromethane
Concen: 5.866 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD070041.D
Acq: 13 Aug 2021 10:40

Tgt Ion: 50 Resp: 48670
Ion Ratio Lower Upper
50 100
52 37.0 26.3 39.5

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

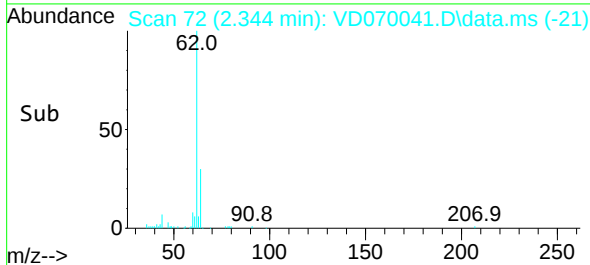
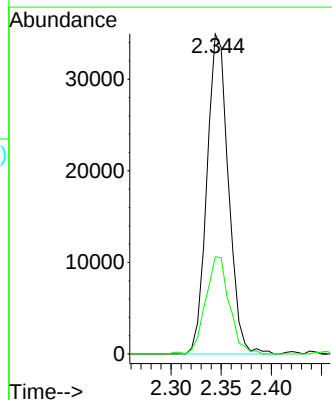
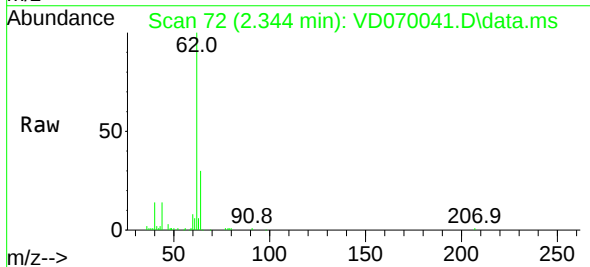
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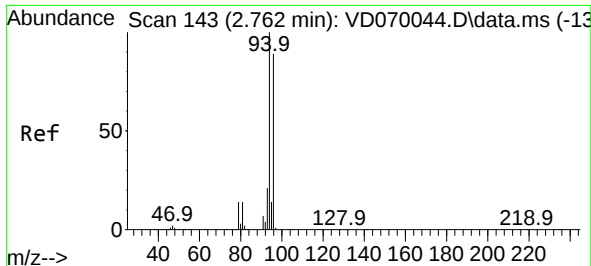
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#4
Vinyl Chloride
Concen: 5.828 ug/l
RT: 2.344 min Scan# 72
Delta R.T. 0.000 min
Lab File: VD070041.D
Acq: 13 Aug 2021 10:40

Tgt Ion: 62 Resp: 52096
Ion Ratio Lower Upper
62 100
64 30.4 25.7 38.5





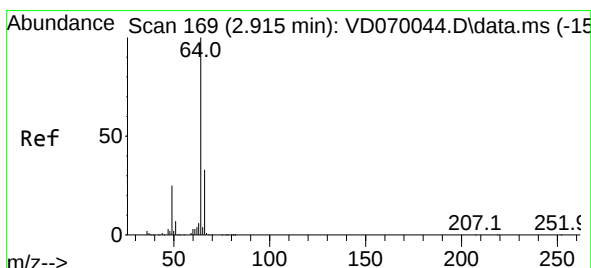
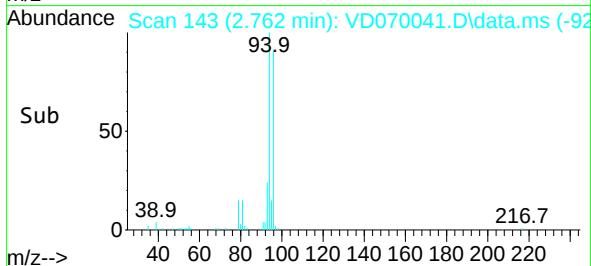
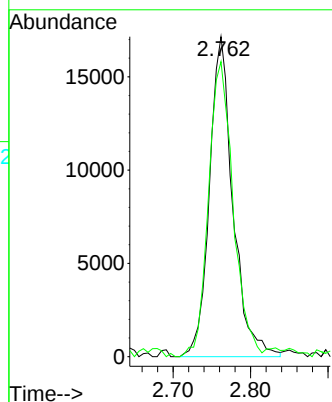
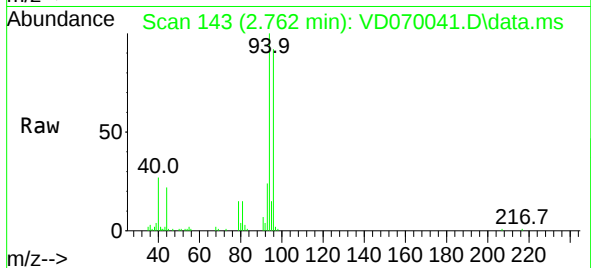
#5
Bromomethane
Concen: 6.422 ug/l
RT: 2.762 min Scan# 143
Delta R.T. 0.000 min
Lab File: VD070041.D
Acq: 13 Aug 2021 10:40

Tgt Ion: 94 Resp: 36122
Ion Ratio Lower Upper
94 100
96 92.2 70.9 106.3

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

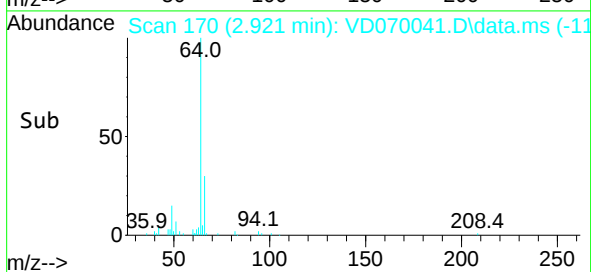
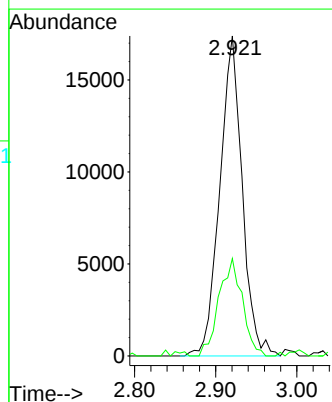
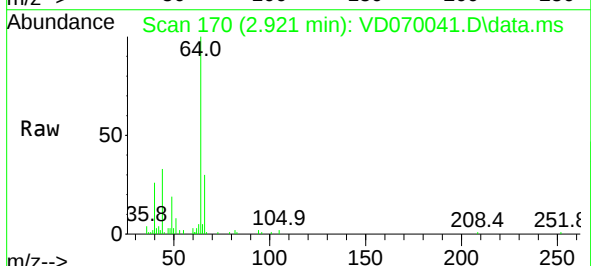
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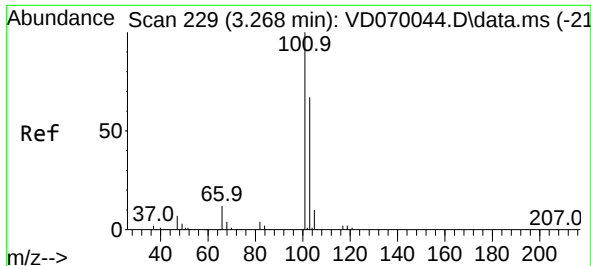
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#6
Chloroethane
Concen: 5.851 ug/l
RT: 2.921 min Scan# 170
Delta R.T. 0.006 min
Lab File: VD070041.D
Acq: 13 Aug 2021 10:40

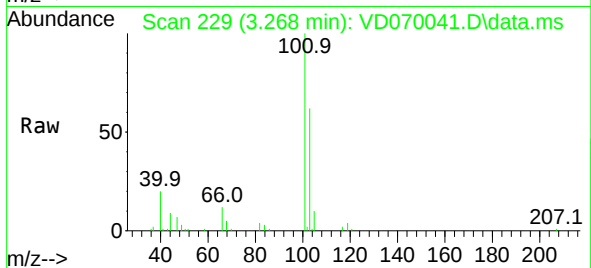
Tgt Ion: 64 Resp: 33413
Ion Ratio Lower Upper
64 100
66 29.5 26.0 39.0





#7
 Trichlorofluoromethane
 Concen: 5.998 ug/l
 RT: 3.268 min Scan# 229
 Delta R.T. 0.000 min
 Lab File: VD070041.D
 Acq: 13 Aug 2021 10:40

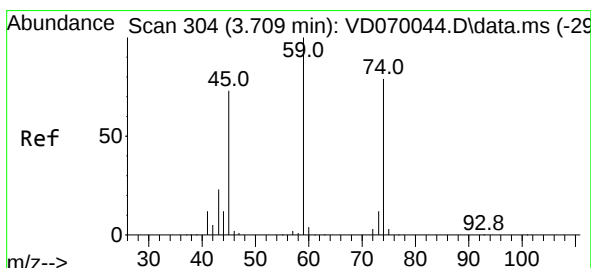
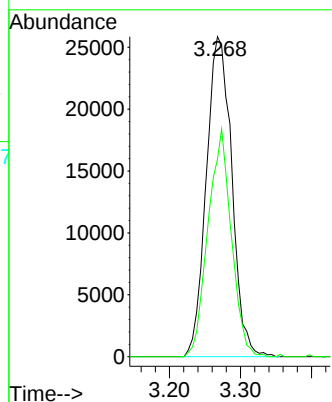
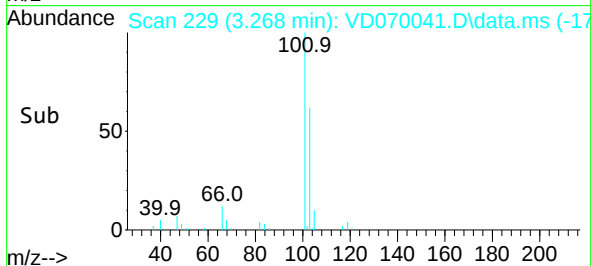
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005



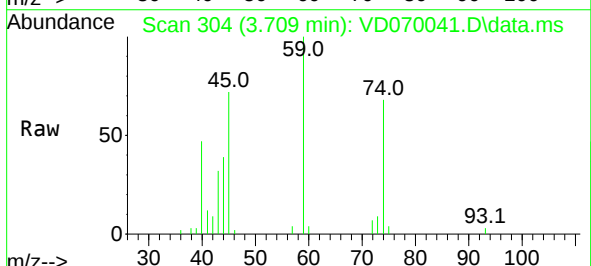
Tgt Ion:101 Resp: 64403
 Ion Ratio Lower Upper
 101 100
 103 61.7 53.9 80.9

Manual Integrations
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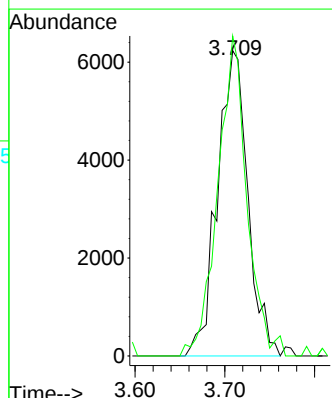
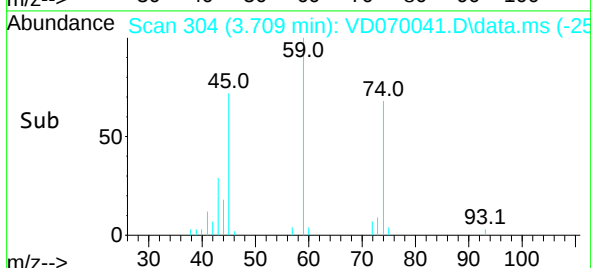
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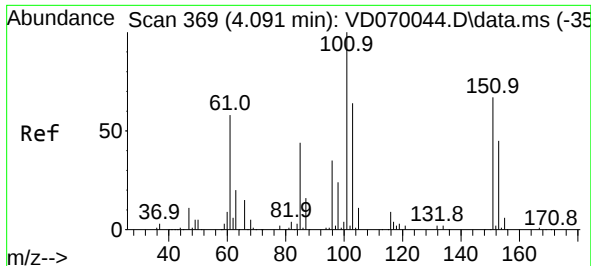


#8
 Diethyl Ether
 Concen: 4.791 ug/l
 RT: 3.709 min Scan# 304
 Delta R.T. 0.000 min
 Lab File: VD070041.D
 Acq: 13 Aug 2021 10:40



Tgt Ion: 74 Resp: 14720
 Ion Ratio Lower Upper
 74 100
 45 100.1 48.6 145.9





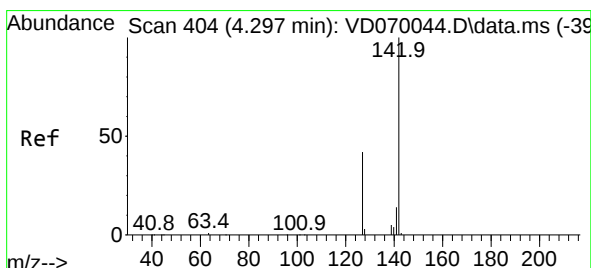
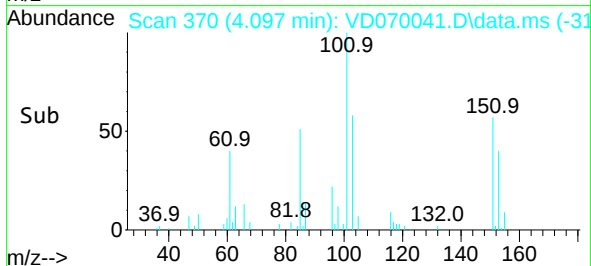
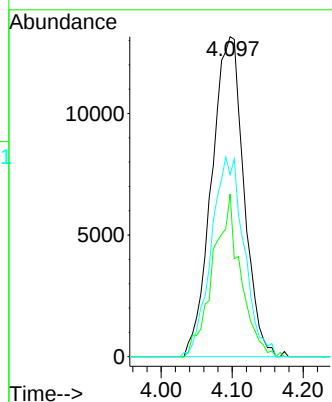
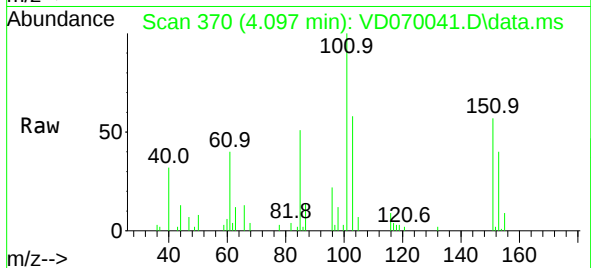
#9
1,1,2-Trichlorotrifluoroethane
Concen: 6.068 ug/l
RT: 4.097 min Scan# 370
Delta R.T. 0.006 min
Lab File: VD070041.D
Acq: 13 Aug 2021 10:40

Tgt Ion:101 Resp: 41451
Ion Ratio Lower Upper
101 100
85 43.5 34.6 52.0
151 63.5 55.0 82.6

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MSVOA_D
ClientSampleId :
VSTDIC005

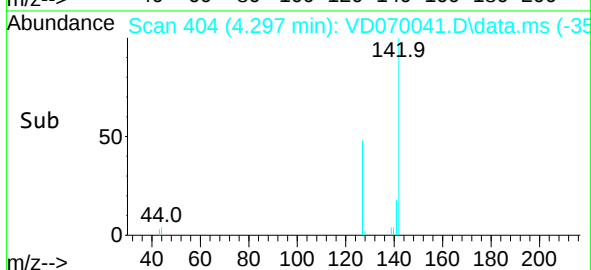
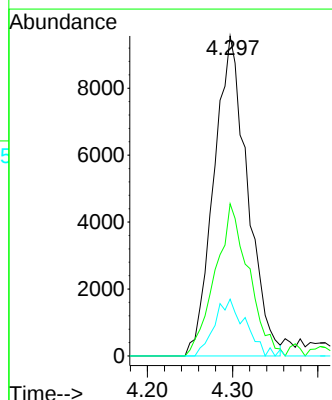
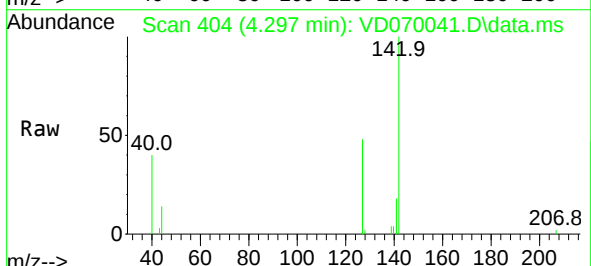
Manual Integrations
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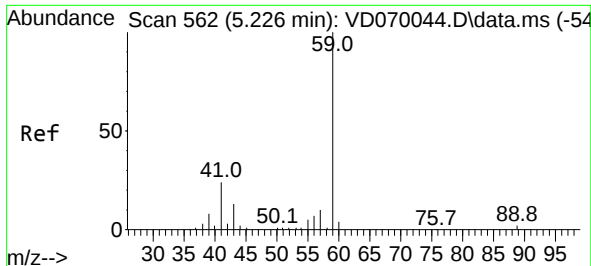
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#10
Methyl Iodide
Concen: 4.186 ug/l
RT: 4.297 min Scan# 404
Delta R.T. 0.000 min
Lab File: VD070041.D
Acq: 13 Aug 2021 10:40

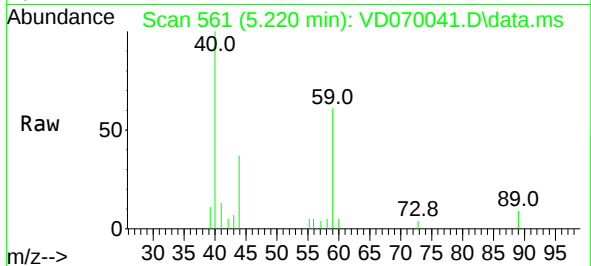
Tgt Ion:142 Resp: 26145
Ion Ratio Lower Upper
142 100
127 47.4 35.4 53.0
141 16.6 12.1 18.1





#11
Tert butyl alcohol
Concen: 29.591 ug/l m
RT: 5.220 min Scan# 561
Delta R.T. -0.006 min
Lab File: VD070041.D
Acq: 13 Aug 2021 10:40

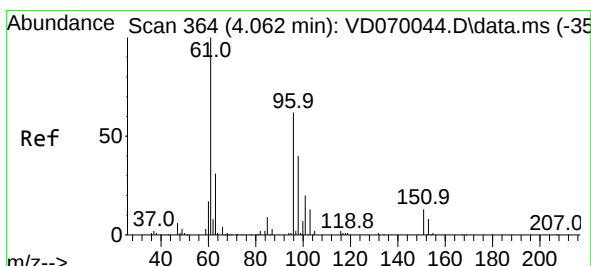
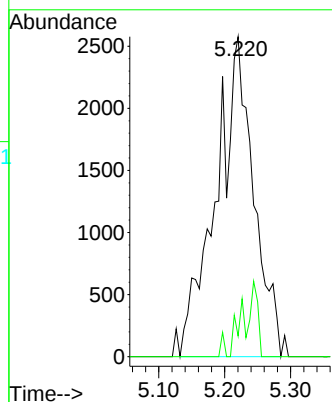
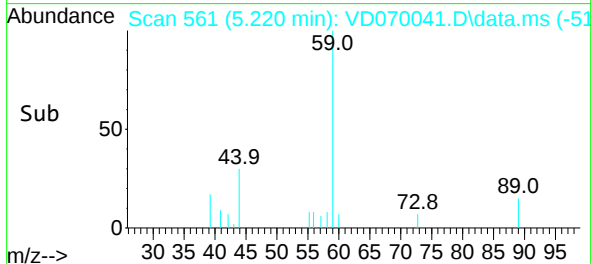
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



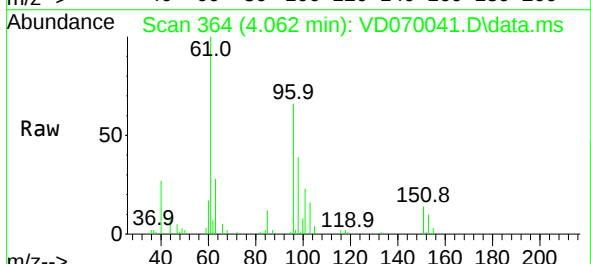
Tgt Ion: 59 Resp: 10189
Ion Ratio Lower Upper
59 100
57 3.9 8.8 13.2#

Manual Integrations
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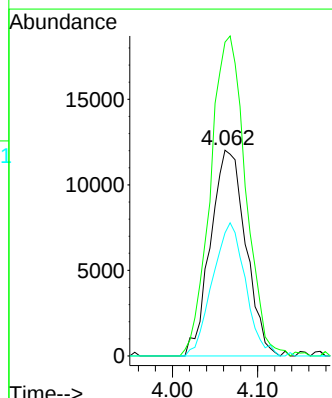
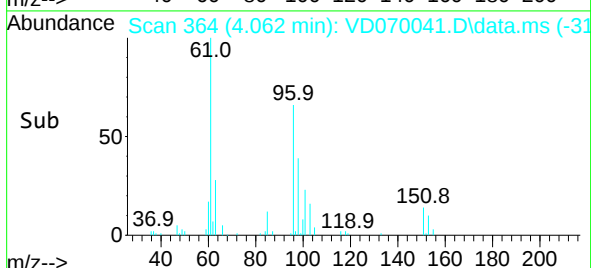
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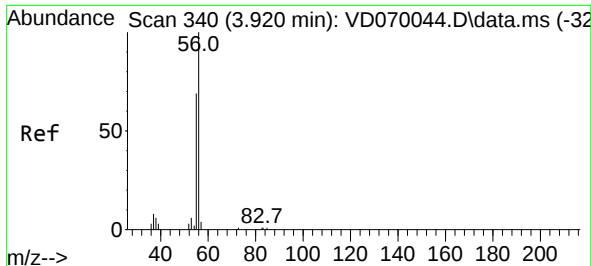


#12
1,1-Dichloroethene
Concen: 5.493 ug/l
RT: 4.062 min Scan# 364
Delta R.T. 0.000 min
Lab File: VD070041.D
Acq: 13 Aug 2021 10:40



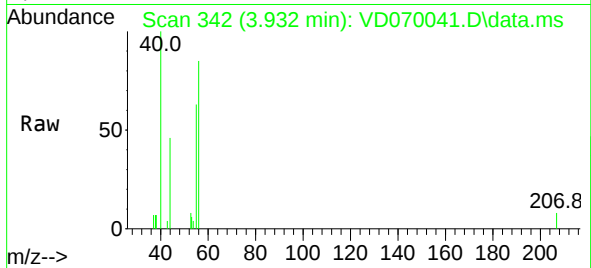
Tgt Ion: 96 Resp: 34471
Ion Ratio Lower Upper
96 100
61 152.5 129.1 193.7
98 59.8 52.0 78.0





#13
Acrolein
Concen: 24.764 ug/l
RT: 3.932 min Scan# 342
Delta R.T. 0.012 min
Lab File: VD070041.D
Acq: 13 Aug 2021 10:40

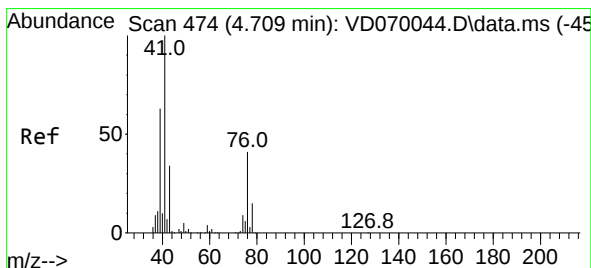
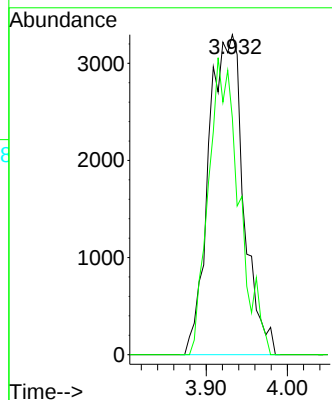
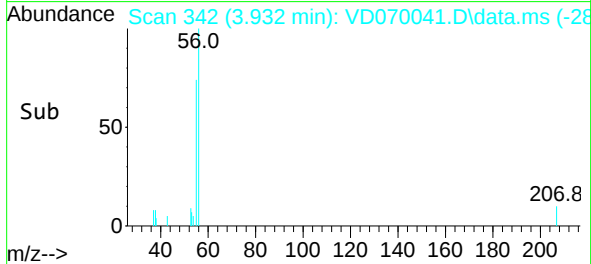
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



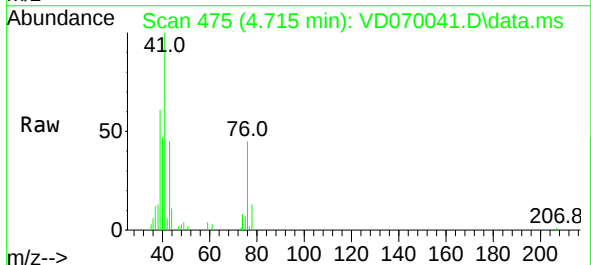
Tgt Ion: 56 Resp: 9795
Ion Ratio Lower Upper
56 100
55 81.9 57.4 86.0

Manual Integrations
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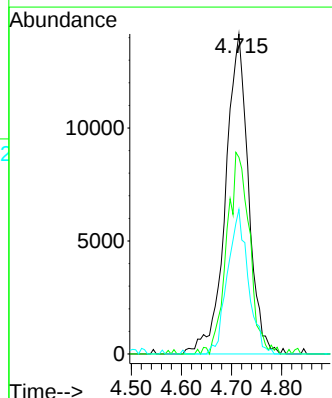
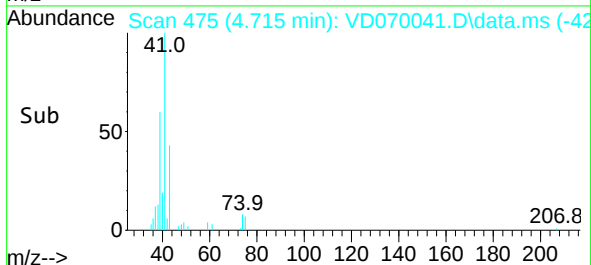
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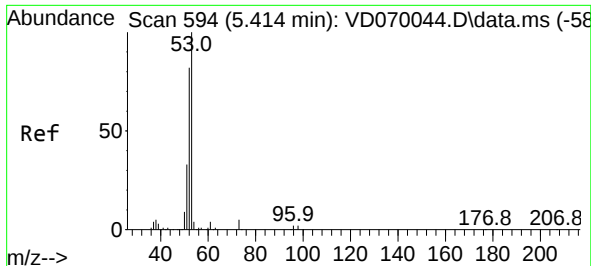


#14
Allyl chloride
Concen: 4.802 ug/l
RT: 4.715 min Scan# 475
Delta R.T. 0.006 min
Lab File: VD070041.D
Acq: 13 Aug 2021 10:40



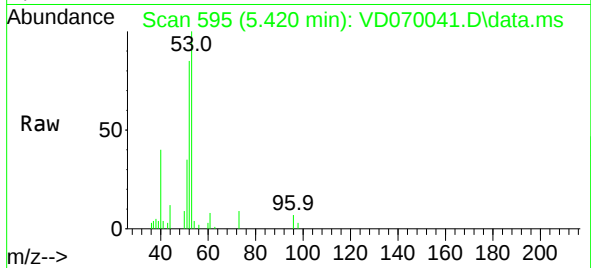
Tgt Ion: 41 Resp: 44962
Ion Ratio Lower Upper
41 100
39 61.8 47.9 71.9
76 40.7 31.6 47.4





#15
Acrylonitrile
Concen: 25.116 ug/l
RT: 5.420 min Scan# 595
Delta R.T. 0.006 min
Lab File: VD070041.D
Acq: 13 Aug 2021 10:40

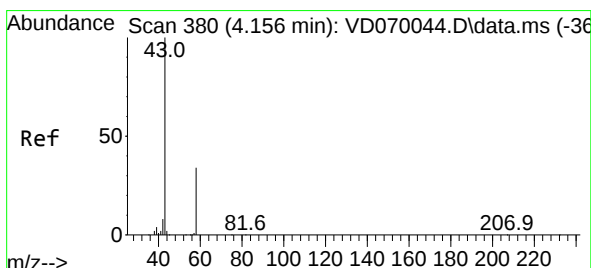
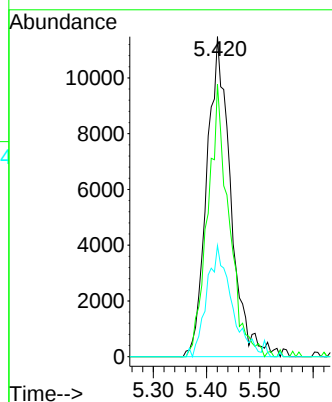
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



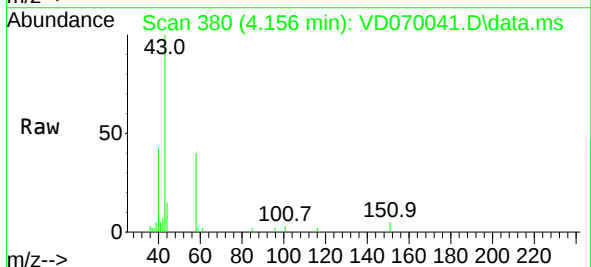
Tgt Ion	Ratio	Lower	Upper
53	100		
52	76.1	64.5	96.7
51	35.8	28.2	42.4

Manual Integrations
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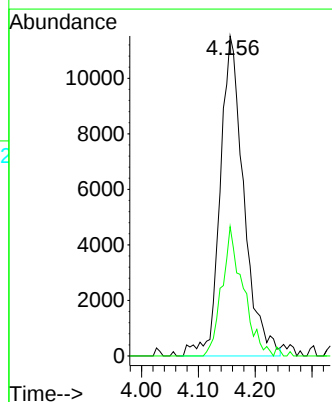
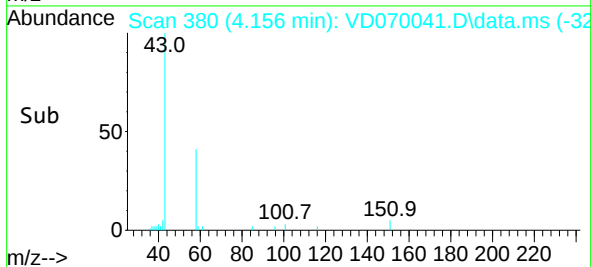
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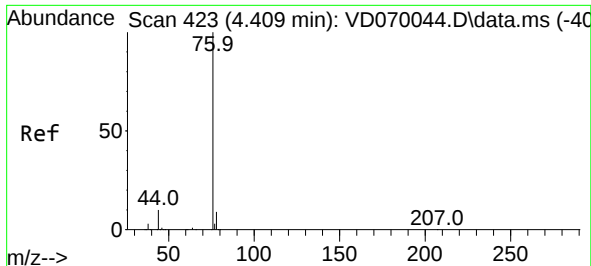


#16
Acetone
Concen: 29.177 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD070041.D
Acq: 13 Aug 2021 10:40



Tgt Ion	Ratio	Lower	Upper
43	100		
58	40.4	26.8	40.2#





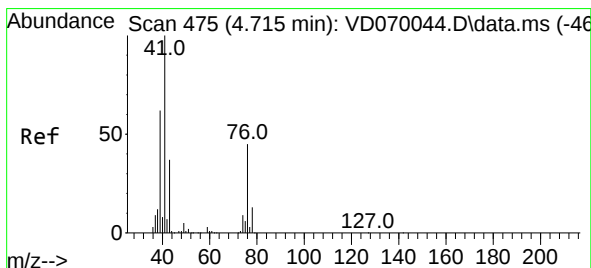
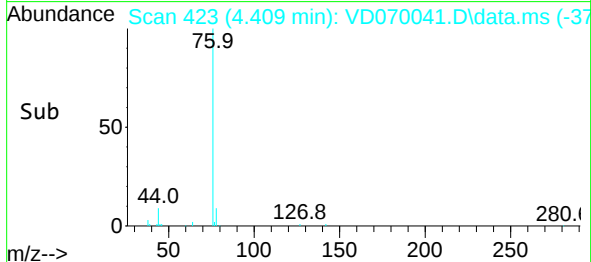
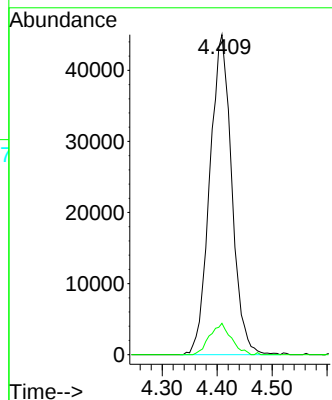
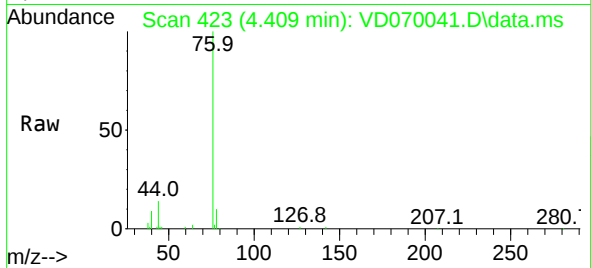
#17
Carbon Disulfide
Concen: 5.500 ug/l
RT: 4.409 min Scan# 423
Delta R.T. 0.000 min
Lab File: VD070041.D
Acq: 13 Aug 2021 10:40

Tgt Ion: 76 Resp: 124781
Ion Ratio Lower Upper
76 100
78 9.8 7.1 10.7

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

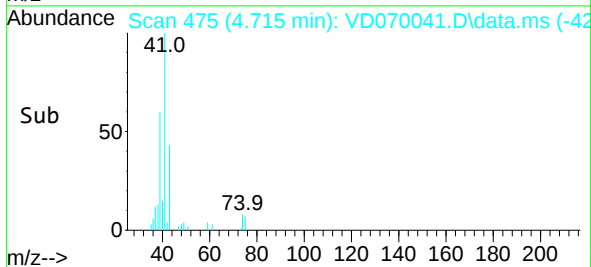
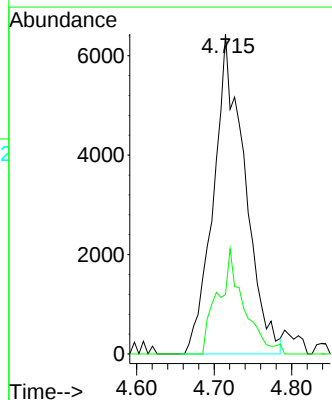
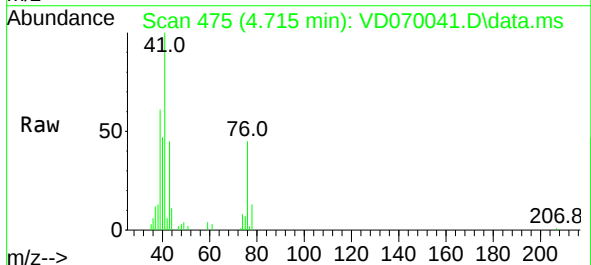
Manual Integrations
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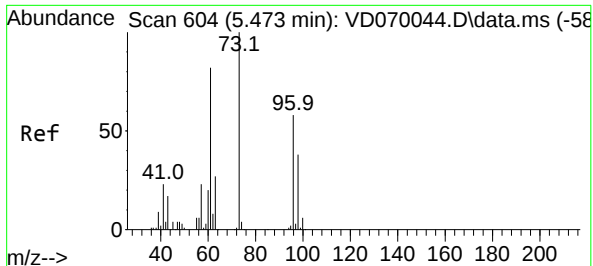
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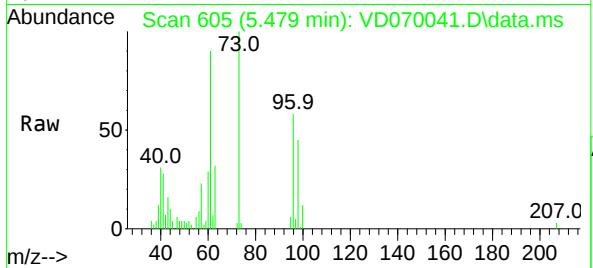
#18
Methyl Acetate
Concen: 5.285 ug/l
RT: 4.715 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD070041.D
Acq: 13 Aug 2021 10:40

Tgt Ion: 43 Resp: 18033
Ion Ratio Lower Upper
43 100
74 27.3 20.2 30.2

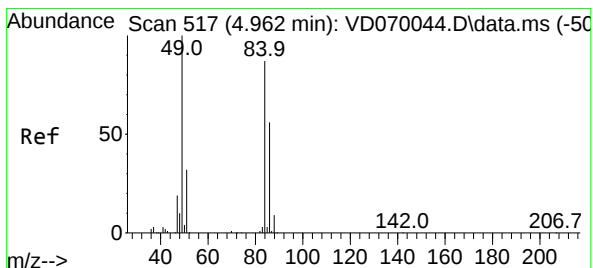
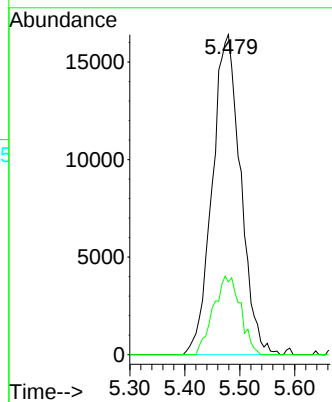
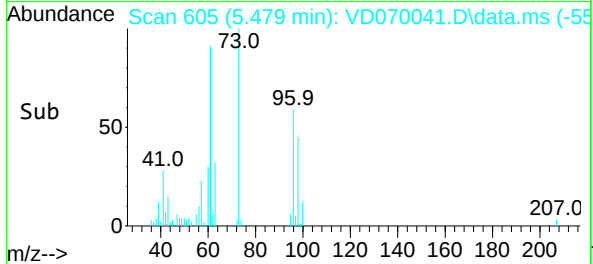




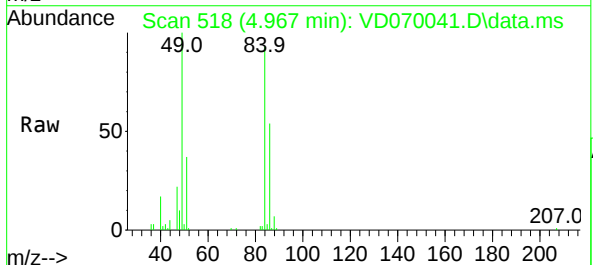
#19
Methyl tert-butyl Ether
Concen: 4.505 ug/l
RT: 5.479 min Scan# 605
Delta R.T. 0.006 min
Lab File: VD070041.D
Acq: 13 Aug 2021 10:40



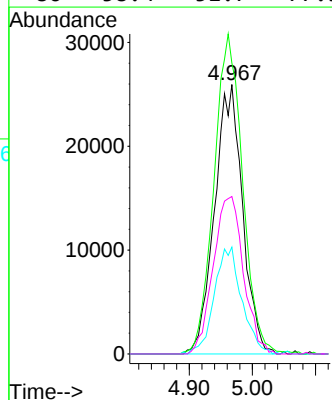
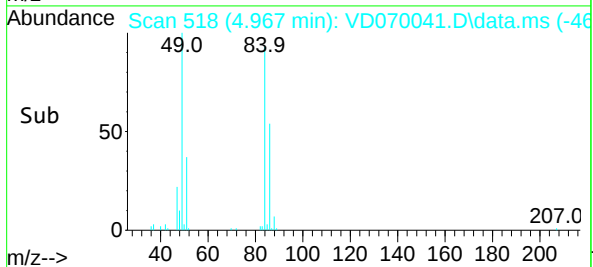
Tgt Ion: 73 Resp: 58670
Ion Ratio Lower Upper
73 100
57 22.8 18.2 27.4



#20
Methylene Chloride
Concen: 7.798 ug/l
RT: 4.967 min Scan# 518
Delta R.T. 0.006 min
Lab File: VD070041.D
Acq: 13 Aug 2021 10:40



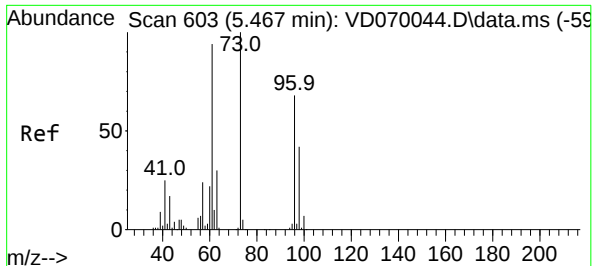
Tgt Ion: 84 Resp: 79784
Ion Ratio Lower Upper
84 100
49 107.9 92.5 138.7
51 39.6 29.7 44.5
86 58.4 51.7 77.5



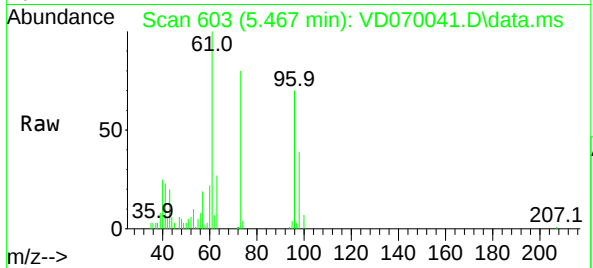
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

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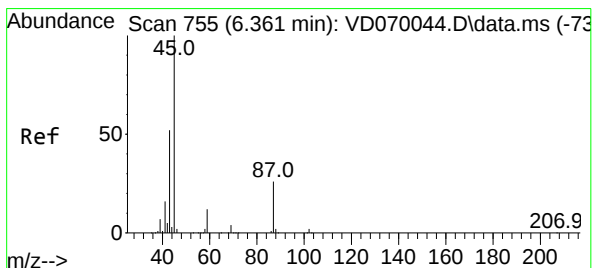
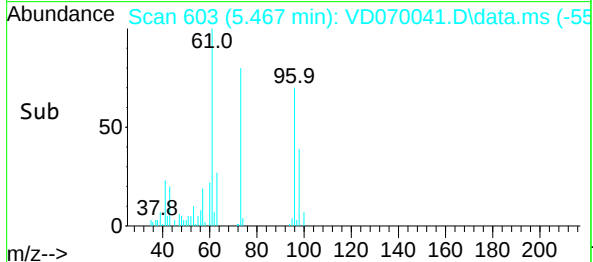
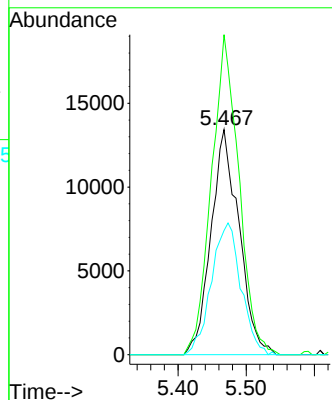
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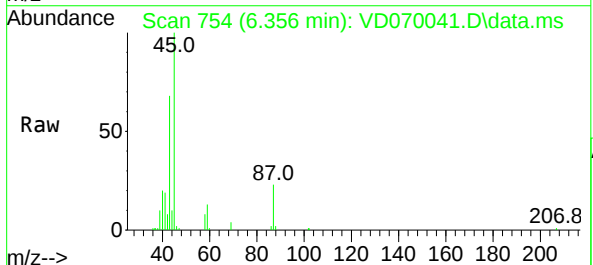
#21
trans-1,2-Dichloroethene
Concen: 5.273 ug/l
RT: 5.467 min Scan# 603
Delta R.T. 0.000 min
Lab File: VD070041.D
Acq: 13 Aug 2021 10:40



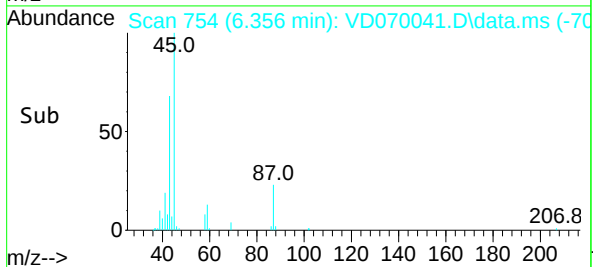
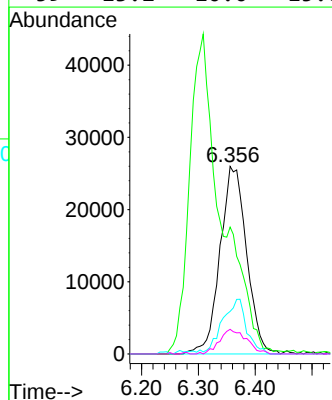
Tgt Ion:	96	Resp:	38437
Ion	Ratio	Lower	Upper
96	100		
61	142.1	111.0	166.4
98	55.2	49.0	73.4



#22
Diisopropyl ether
Concen: 4.290 ug/l
RT: 6.356 min Scan# 754
Delta R.T. -0.006 min
Lab File: VD070041.D
Acq: 13 Aug 2021 10:40



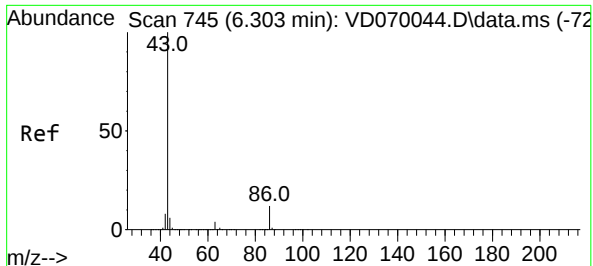
Tgt Ion:	45	Resp:	84482
Ion	Ratio	Lower	Upper
45	100		
43	66.2	41.7	62.5#
87	22.7	21.0	31.4
59	13.2	10.0	15.0



Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Manual Integrations
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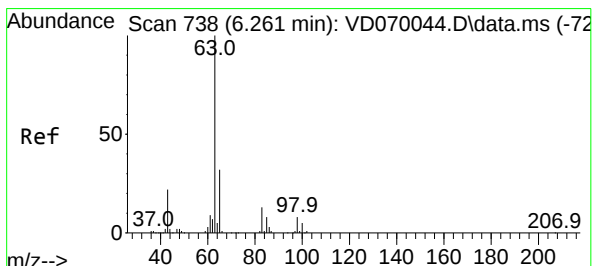
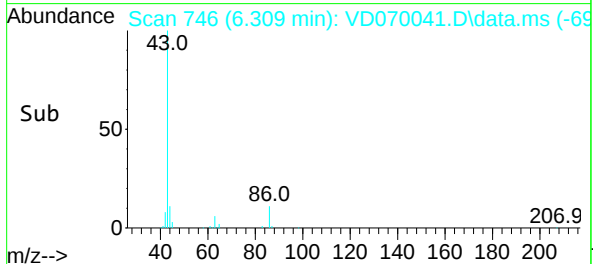
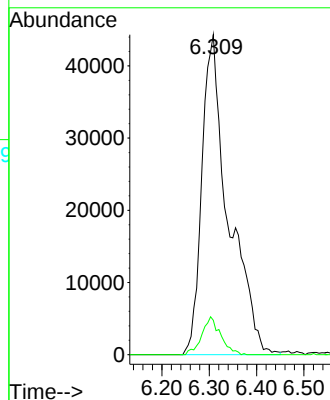
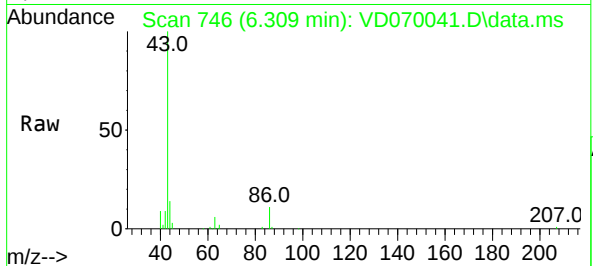
#23
 Vinyl Acetate
 Concen: 19.373 ug/l
 RT: 6.309 min Scan# 746
 Delta R.T. 0.006 min
 Lab File: VD070041.D
 Acq: 13 Aug 2021 10:40

Tgt Ion: 43 Resp: 172907
 Ion Ratio Lower Upper
 43 100
 86 10.7 9.2 13.8

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

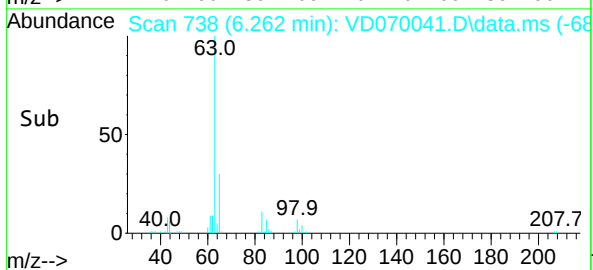
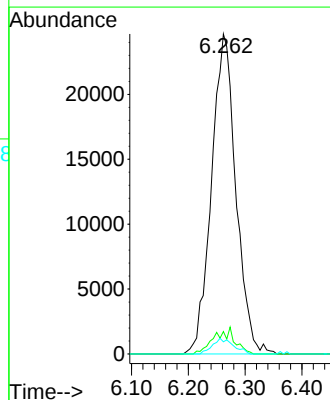
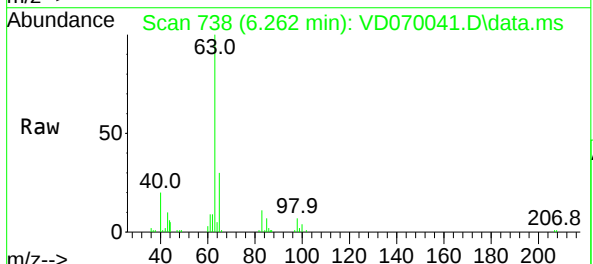
Manual Integrations
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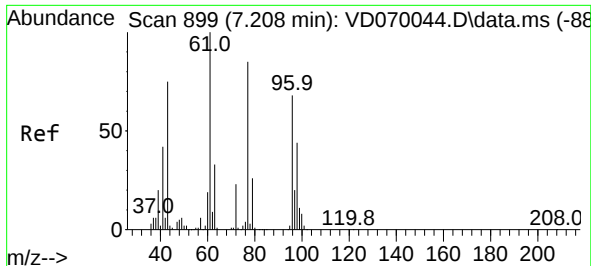
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#24
 1,1-Dichloroethane
 Concen: 5.465 ug/l
 RT: 6.262 min Scan# 738
 Delta R.T. 0.000 min
 Lab File: VD070041.D
 Acq: 13 Aug 2021 10:40

Tgt Ion: 63 Resp: 73629
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.8 11.2
 100 3.8 2.3 6.9





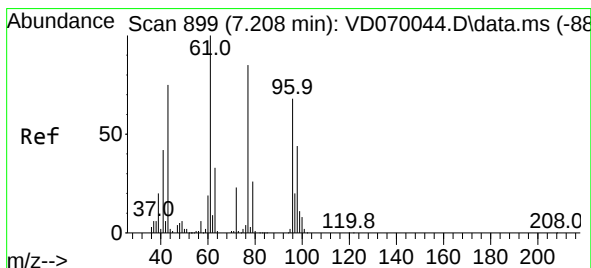
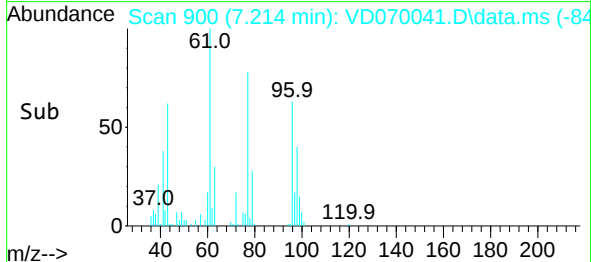
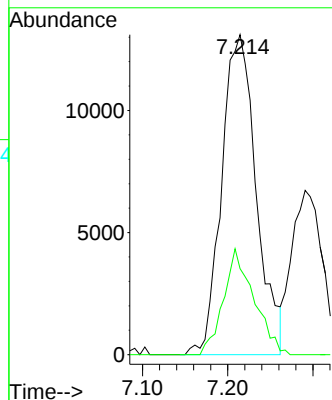
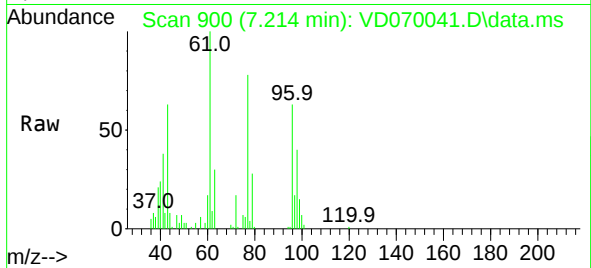
#25
2-Butanone
Concen: 23.646 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.006 min
Lab File: VD070041.D
Acq: 13 Aug 2021 10:40

Tgt Ion: 43 Resp: 36979
Ion Ratio Lower Upper
43 100
72 26.9 24.2 36.4

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

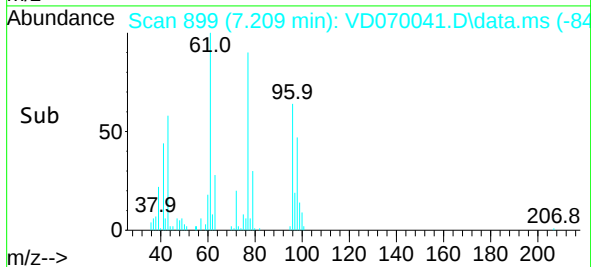
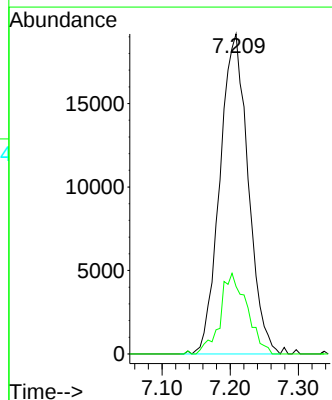
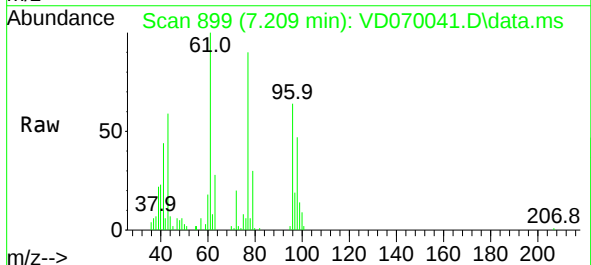
Manual Integrations
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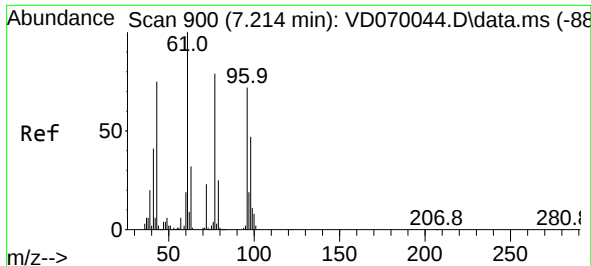
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#26
2,2-Dichloropropane
Concen: 5.277 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD070041.D
Acq: 13 Aug 2021 10:40

Tgt Ion: 77 Resp: 55359
Ion Ratio Lower Upper
77 100
97 23.8 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 4.975 ug/l

RT: 7.209 min Scan# 899

Delta R.T. -0.006 min

Lab File: VD070041.D

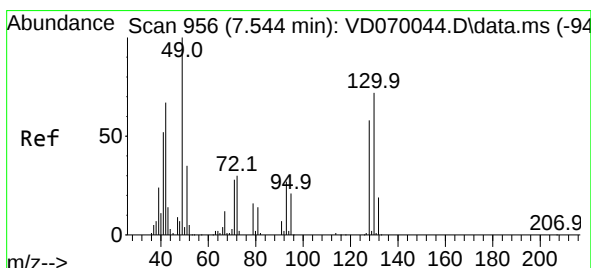
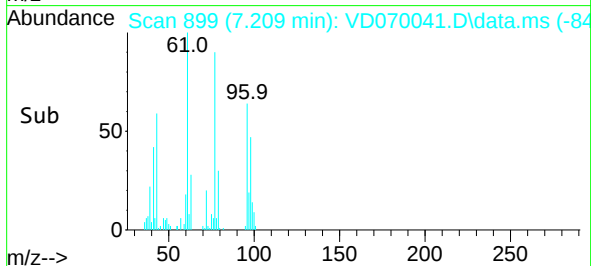
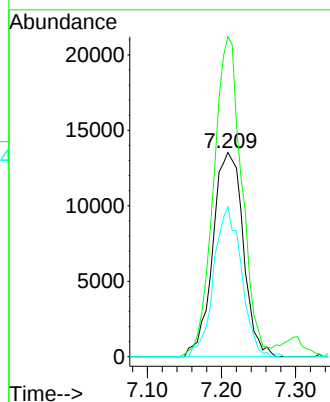
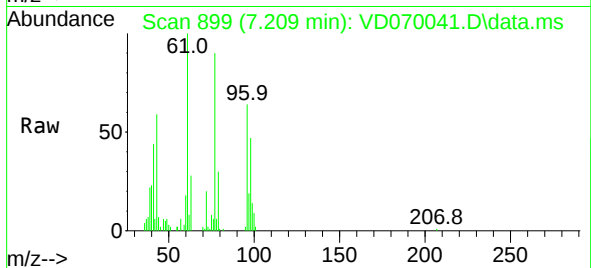
Acq: 13 Aug 2021 10:40

Tgt Ion:	96	Resp:	38511
Ion	Ratio	Lower	Upper
96	100		
61	145.9	0.0	288.2
98	66.7	0.0	129.6

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Manual Integrations
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#28

Bromochloromethane

Concen: 5.244 ug/l

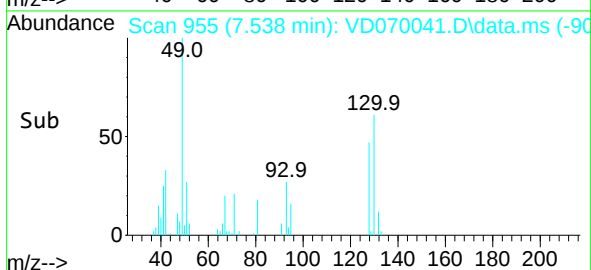
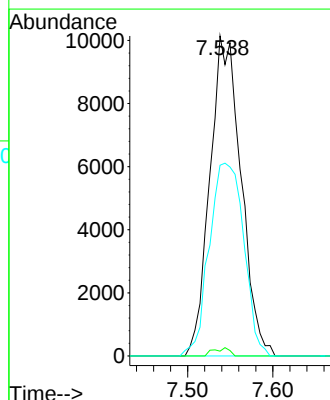
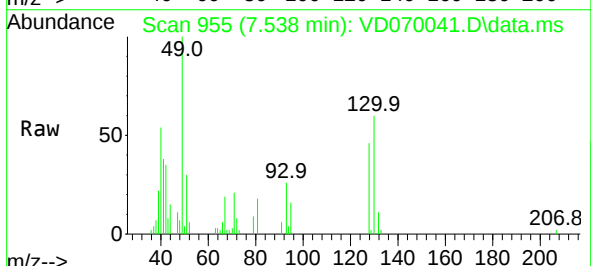
RT: 7.538 min Scan# 955

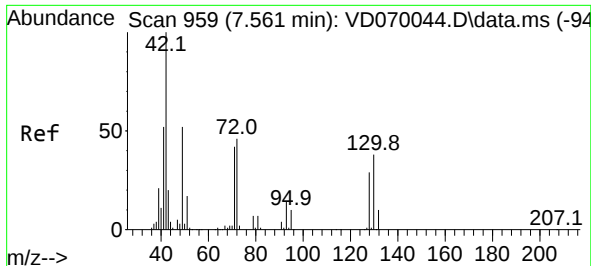
Delta R.T. -0.006 min

Lab File: VD070041.D

Acq: 13 Aug 2021 10:40

Tgt Ion:	49	Resp:	25711
Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	4.0
130	66.9	57.6	86.4





#29

Tetrahydrofuran

Concen: 22.653 ug/l

RT: 7.567 min Scan# 960

Delta R.T. 0.006 min

Lab File: VD070041.D

Acq: 13 Aug 2021 10:40

Tgt Ion:	42	Resp:	23197
Ion	Ratio	Lower	Upper
42	100		
72	42.5	37.5	56.3
71	43.1	33.6	50.4

Instrument :

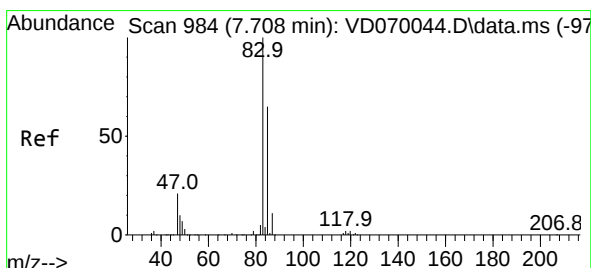
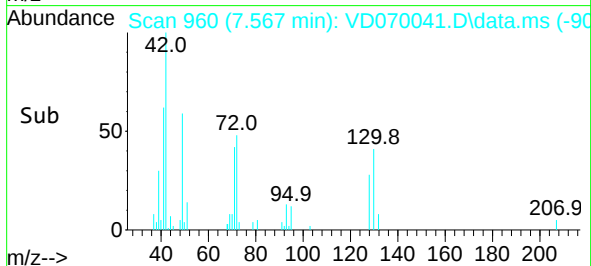
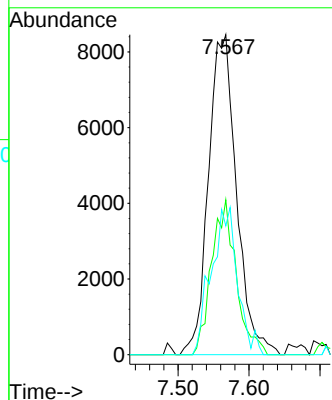
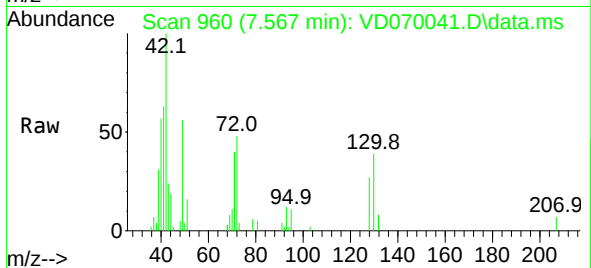
MSVOA_D

ClientSampleId :

VSTDIC005

Manual Integrations
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#30

Chloroform

Concen: 5.492 ug/l

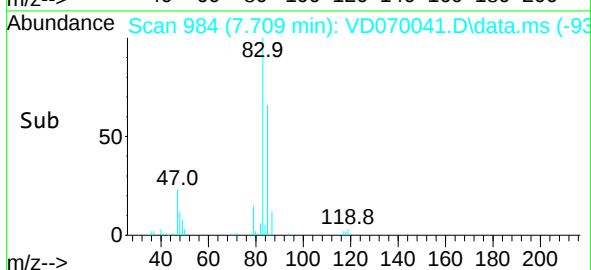
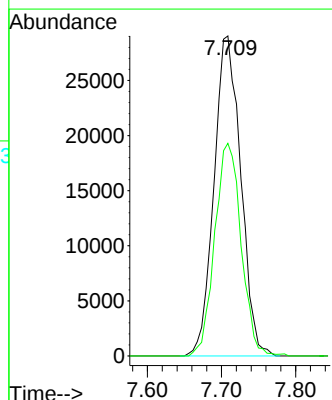
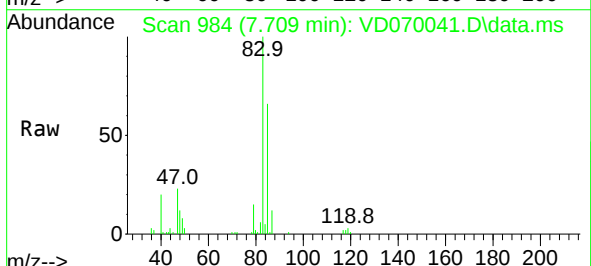
RT: 7.709 min Scan# 984

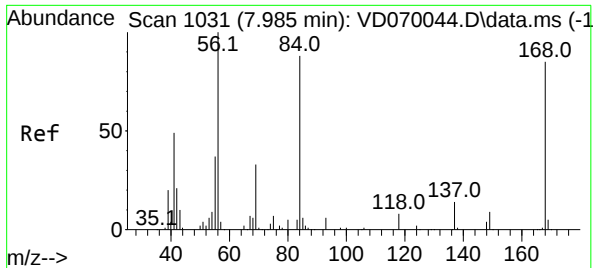
Delta R.T. 0.000 min

Lab File: VD070041.D

Acq: 13 Aug 2021 10:40

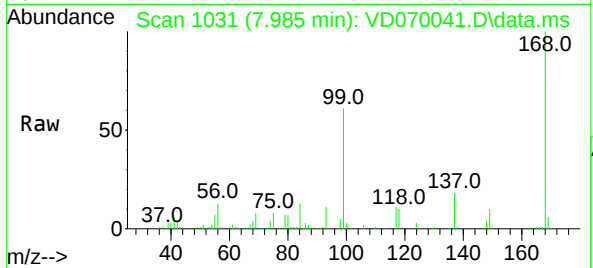
Tgt Ion:	83	Resp:	72777
Ion	Ratio	Lower	Upper
83	100		
85	66.5	51.8	77.8





#31
Cyclohexane
Concen: 5.448 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VD070041.D
Acq: 13 Aug 2021 10:40

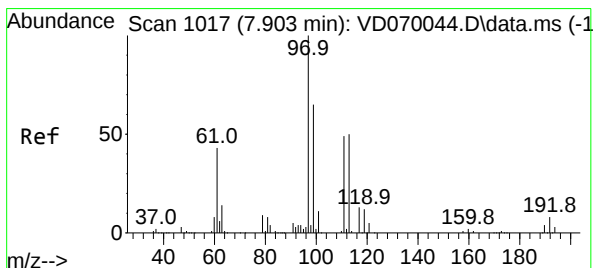
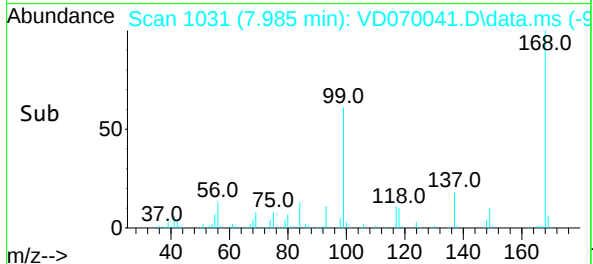
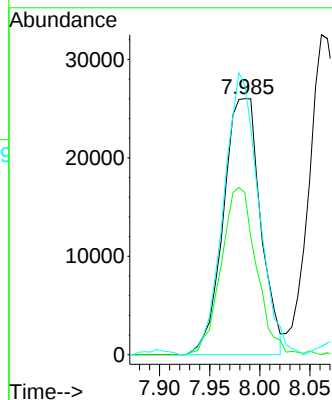
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



Tgt Ion: 56 Resp: 66992
Ion Ratio Lower Upper
56 100
69 63.3 26.7 40.1#
84 105.2 70.4 105.6

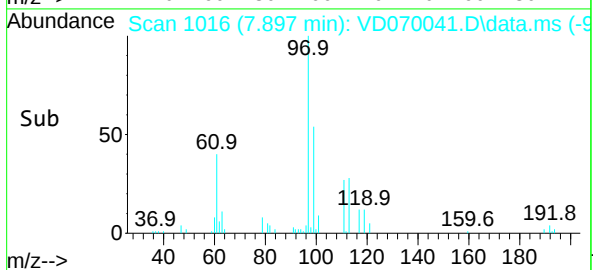
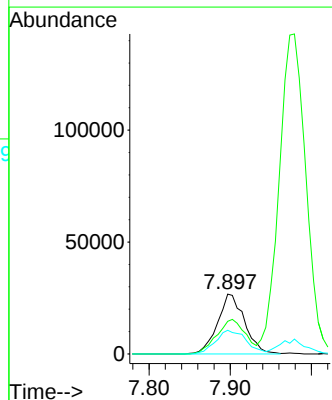
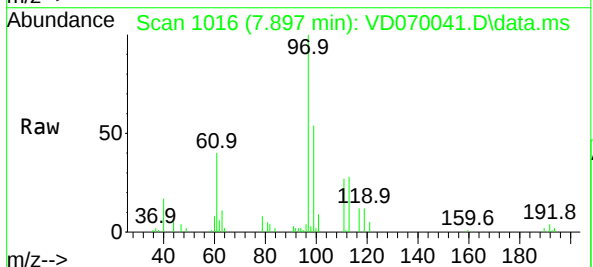
Manual Integrations
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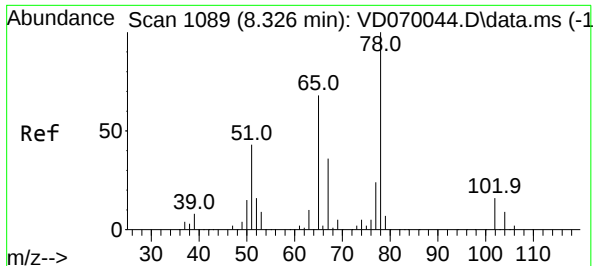
MMDadoda
8/16/2021 5:04:48 PM



#32
1,1,1-Trichloroethane
Concen: 5.573 ug/l
RT: 7.897 min Scan# 1016
Delta R.T. -0.006 min
Lab File: VD070041.D
Acq: 13 Aug 2021 10:40

Tgt Ion: 97 Resp: 61709
Ion Ratio Lower Upper
97 100
99 61.4 52.4 78.6
61 44.7 34.4 51.6





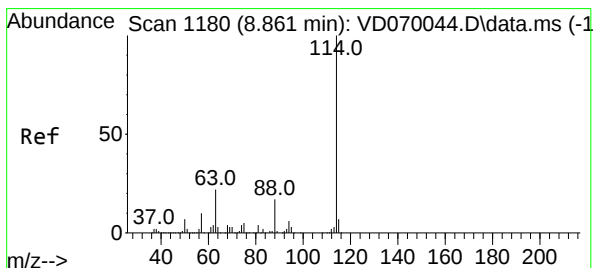
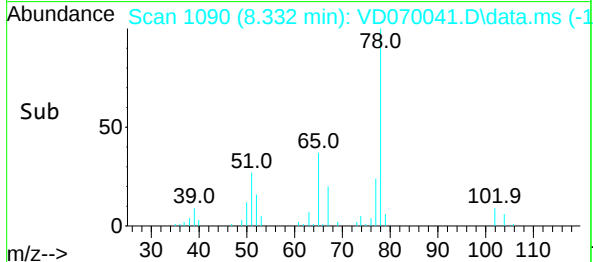
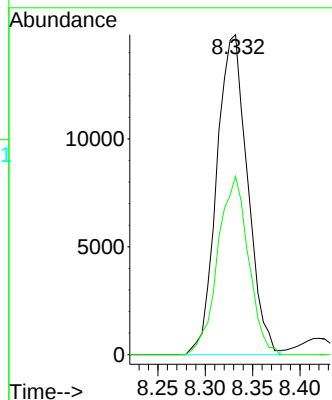
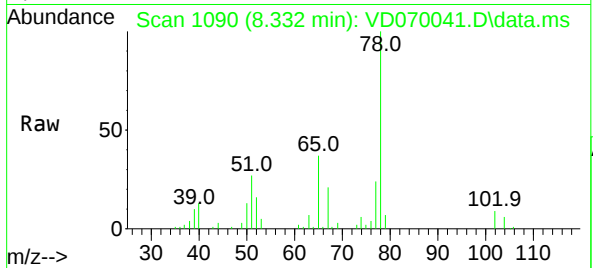
#33
1,2-Dichloroethane-d4
Concen: 5.399 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD070041.D
Acq: 13 Aug 2021 10:40

Tgt Ion: 65 Resp: 33540
Ion Ratio Lower Upper
65 100
67 55.3 0.0 107.8

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

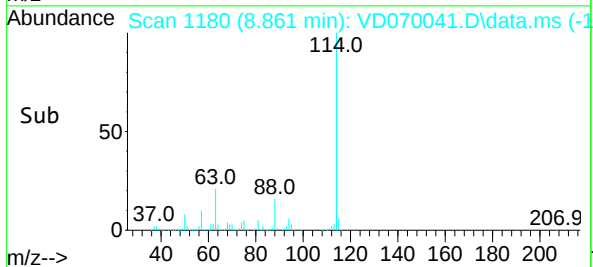
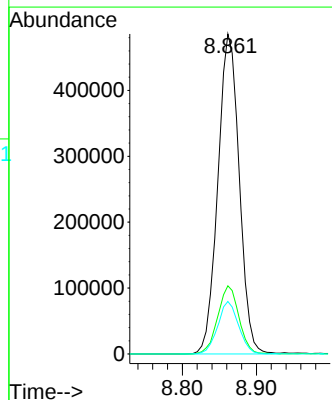
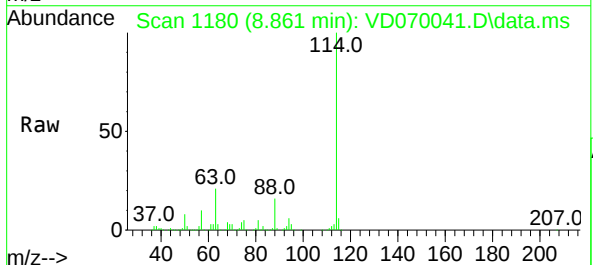
Manual Integrations
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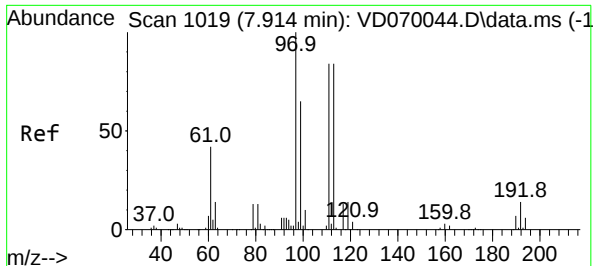
MMDadoda
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#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070041.D
Acq: 13 Aug 2021 10:40

Tgt Ion: 114 Resp: 972501
Ion Ratio Lower Upper
114 100
63 21.3 0.0 43.6
88 16.4 0.0 33.4





#35

Dibromofluoromethane

Concen: 5.000 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD070041.D

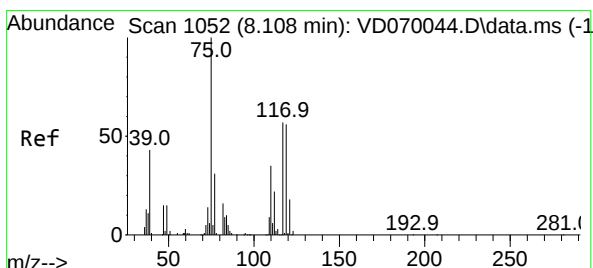
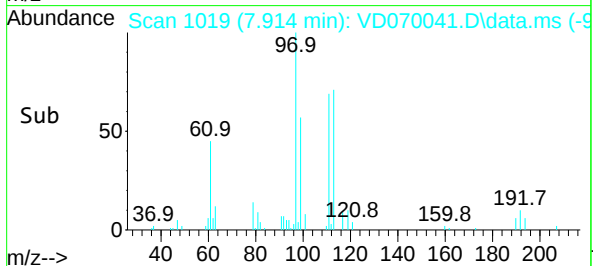
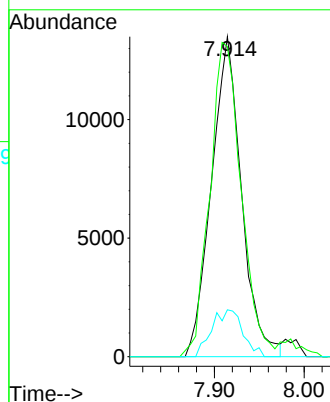
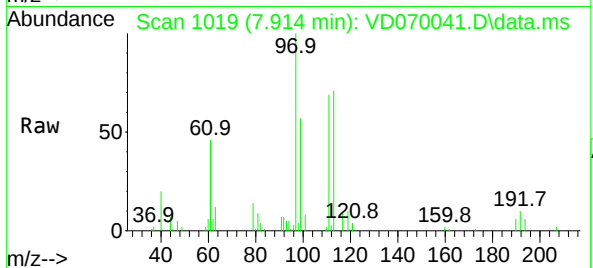
Acq: 13 Aug 2021 10:40

Tgt Ion:	113	Resp:	31415
Ion Ratio	Lower	Upper	
113	100		
111	102.3	81.8	122.6
192	15.1	13.2	19.8

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 5.145 ug/l

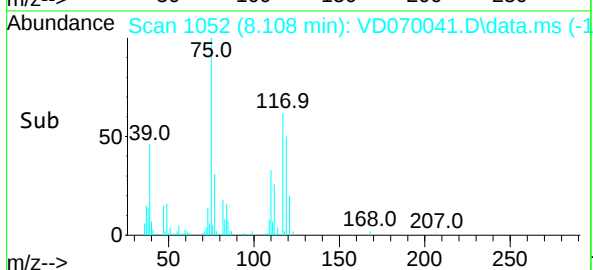
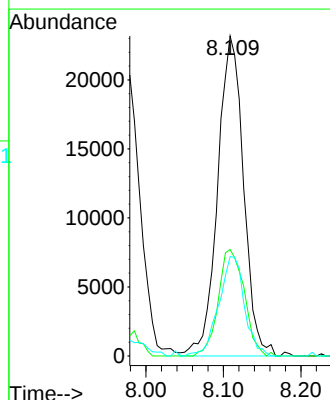
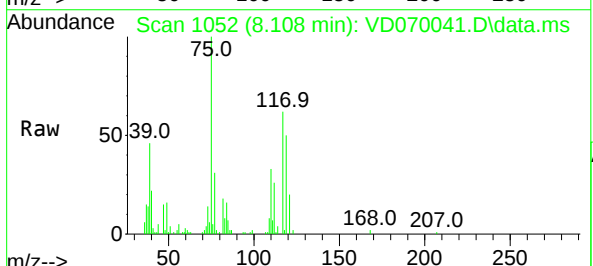
RT: 8.108 min Scan# 1052

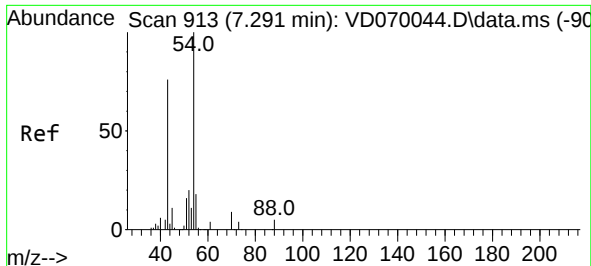
Delta R.T. 0.000 min

Lab File: VD070041.D

Acq: 13 Aug 2021 10:40

Tgt Ion:	75	Resp:	53826
Ion Ratio	Lower	Upper	
75	100		
110	33.4	16.9	50.7
77	30.8	25.2	37.8





#37

Ethyl Acetate

Concen: 4.505 ug/l

RT: 7.291 min Scan# 913

Delta R.T. 0.000 min

Lab File: VD070041.D

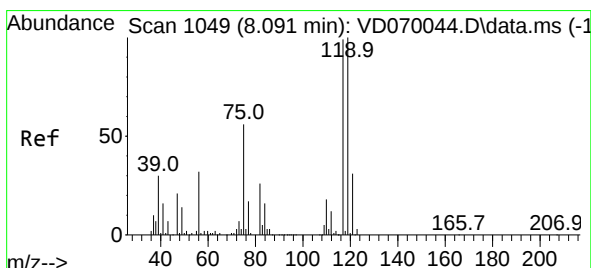
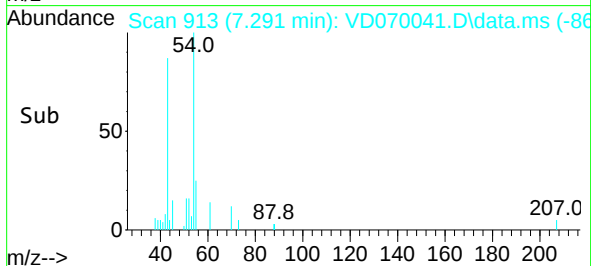
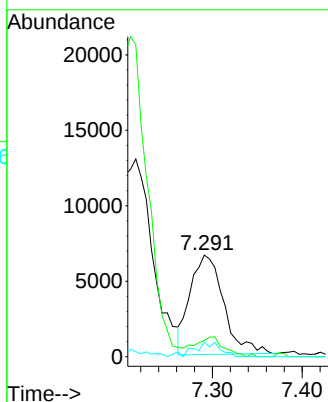
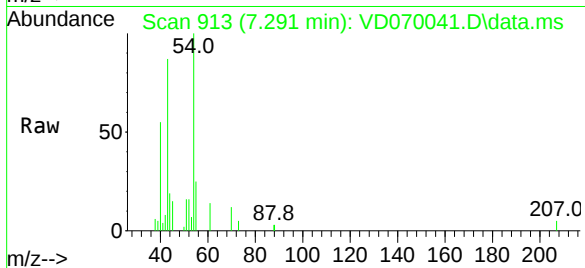
Acq: 13 Aug 2021 10:40

Tgt Ion:	43	Resp:	17121
Ion	Ratio	Lower	Upper
43	100		
61	17.3	11.8	17.6
70	11.5	9.0	13.6

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 5.265 ug/l

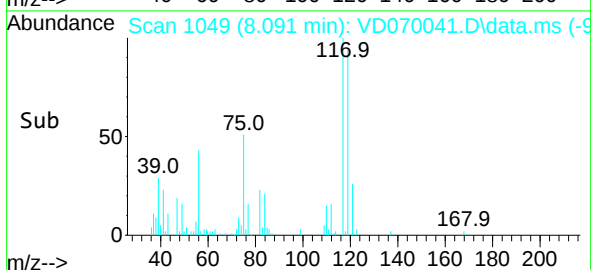
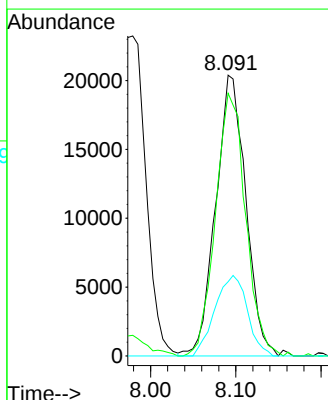
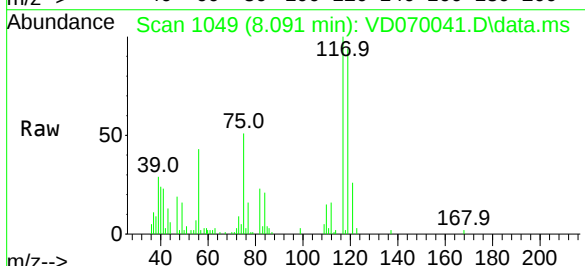
RT: 8.091 min Scan# 1049

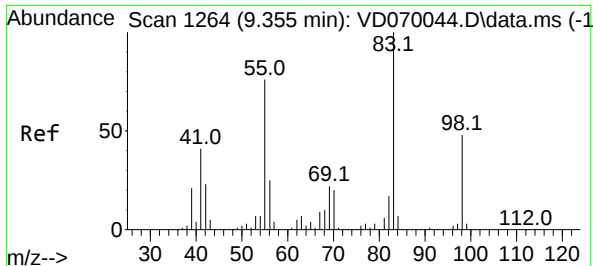
Delta R.T. 0.000 min

Lab File: VD070041.D

Acq: 13 Aug 2021 10:40

Tgt Ion:	117	Resp:	50011
Ion	Ratio	Lower	Upper
117	100		
119	93.6	81.0	121.6
121	26.5	25.0	37.6





#39

Methylcyclohexane

Concen: 4.828 ug/l

RT: 9.355 min Scan# 1264

Delta R.T. 0.000 min

Lab File: VD070041.D

Acq: 13 Aug 2021 10:40

Tgt Ion:	83	Resp:	58806
Ion	Ratio	Lower	Upper
83	100		
55	80.9	60.7	91.1
98	45.0	38.6	58.0

Instrument :

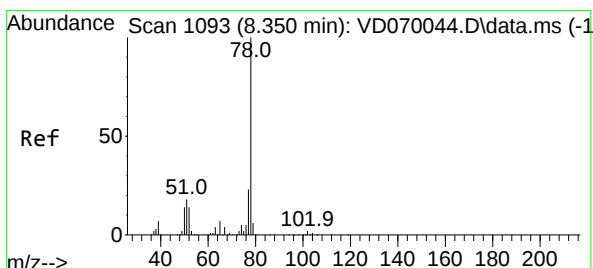
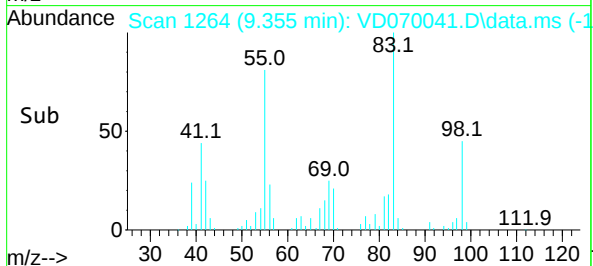
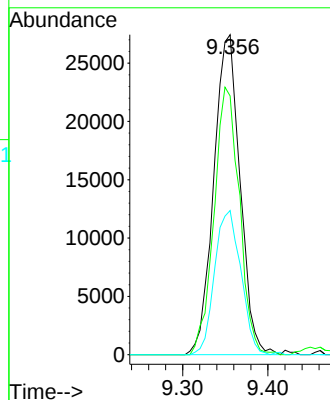
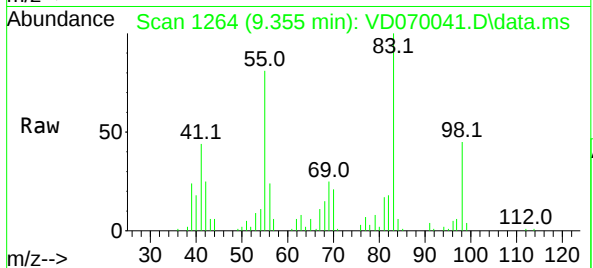
MSVOA_D

ClientSampleId :

VSTDIC005

Manual Integrations
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#40

Benzene

Concen: 5.299 ug/l

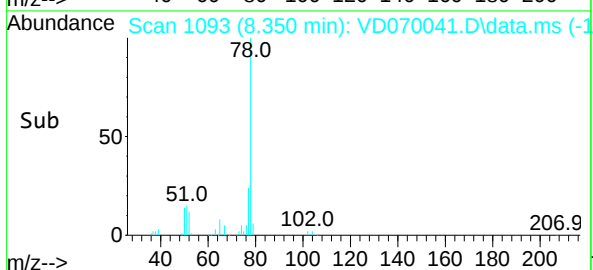
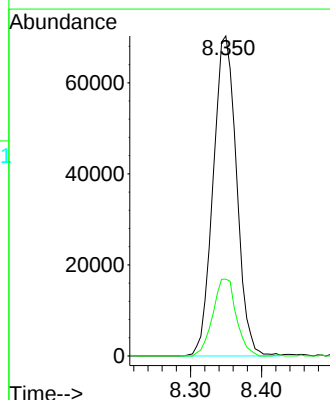
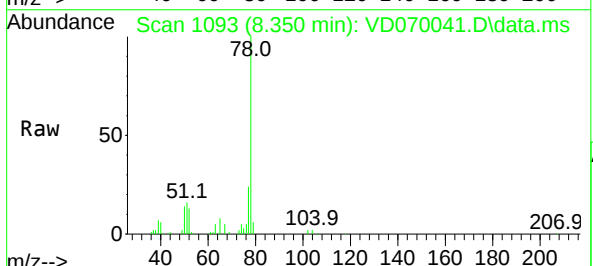
RT: 8.350 min Scan# 1093

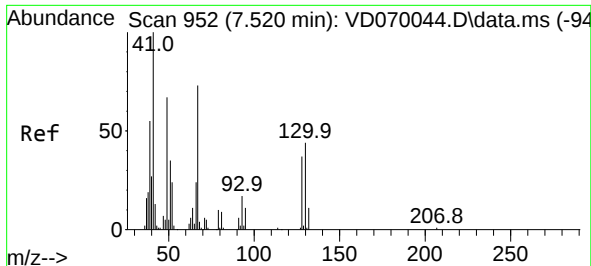
Delta R.T. 0.000 min

Lab File: VD070041.D

Acq: 13 Aug 2021 10:40

Tgt Ion:	78	Resp:	160798
Ion	Ratio	Lower	Upper
78	100		
77	24.0	18.6	27.8





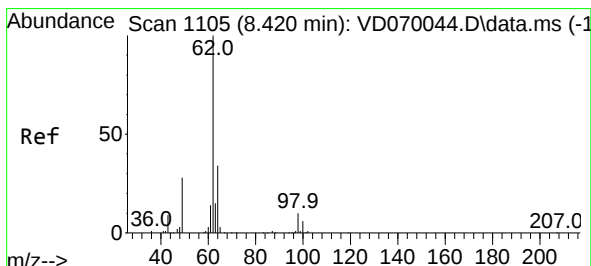
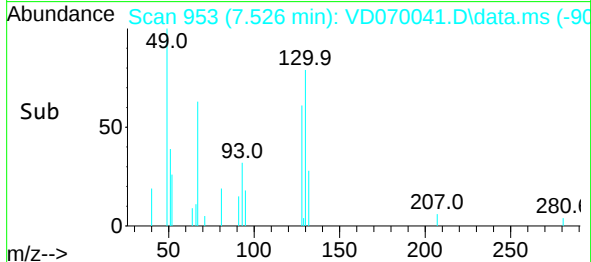
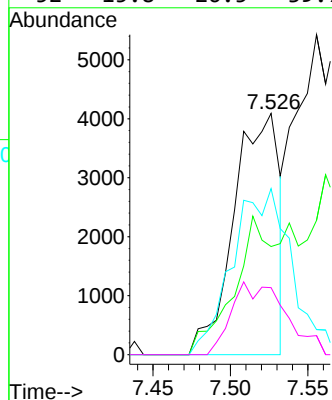
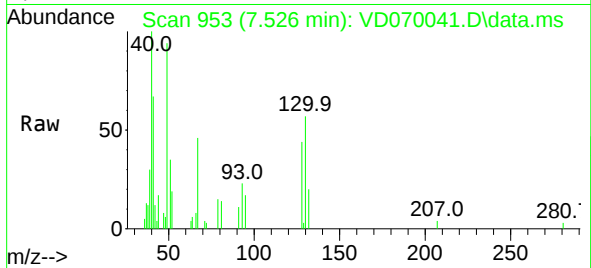
#41
Methacrylonitrile
Concen: 4.334 ug/l
RT: 7.526 min Scan# 953
Delta R.T. 0.006 min
Lab File: VD070041.D
Acq: 13 Aug 2021 10:40

Tgt Ion:	41	Resp:	8333
Ion	Ratio	Lower	Upper
41	100		
39	45.9	47.7	71.5#
67	89.0	68.2	102.2
52	15.8	26.5	39.7#

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

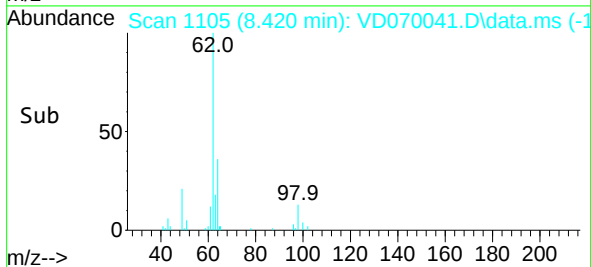
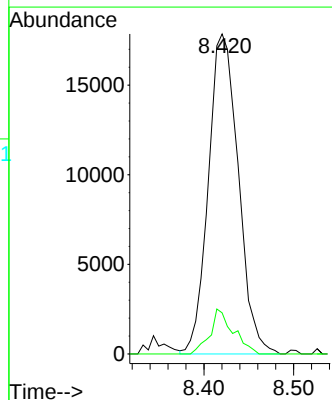
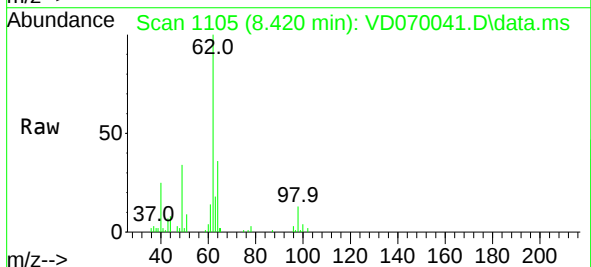
Manual Integrations
APPROVED

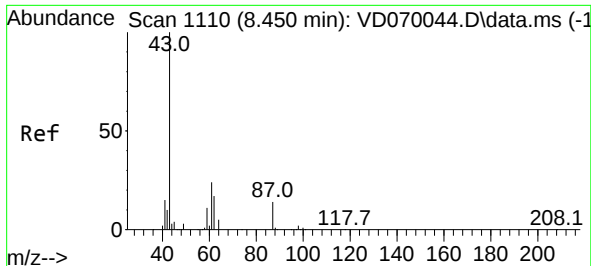
MMDadoda
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#42
1,2-Dichloroethane
Concen: 5.332 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD070041.D
Acq: 13 Aug 2021 10:40

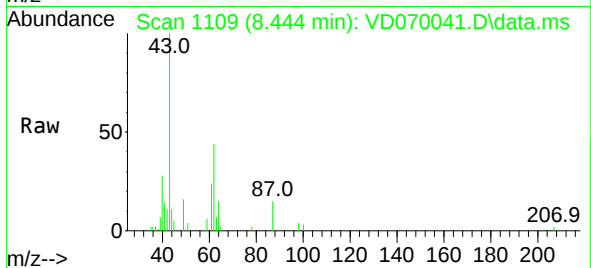
Tgt Ion:	62	Resp:	41469
Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	20.2





#43
Isopropyl Acetate
Concen: 4.656 ug/l
RT: 8.444 min Scan# 1109
Delta R.T. -0.006 min
Lab File: VD070041.D
Acq: 13 Aug 2021 10:40

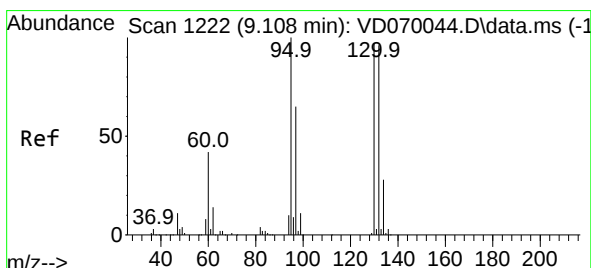
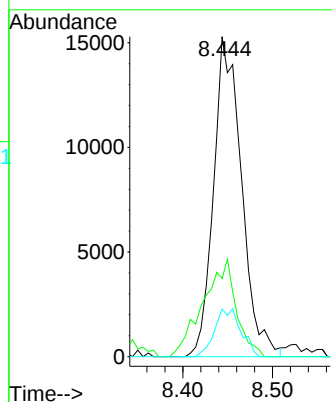
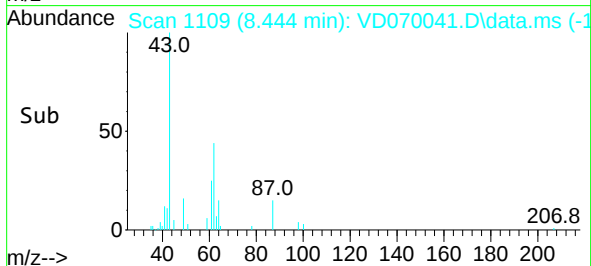
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



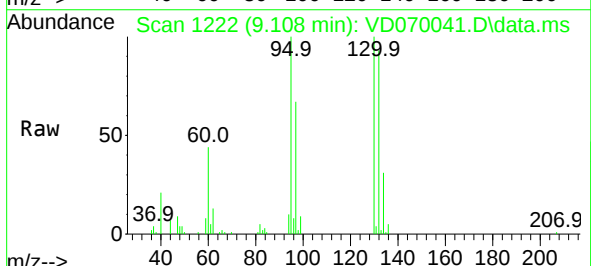
Tgt Ion	Ratio	Lower	Upper
43	100		
61	36.1	27.7	41.5
87	14.1	11.5	17.3

Manual Integrations
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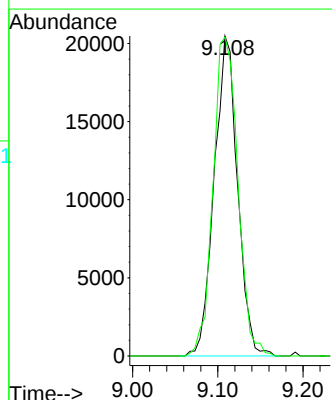
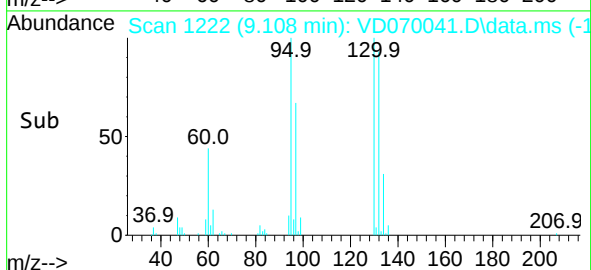
MMDadoda
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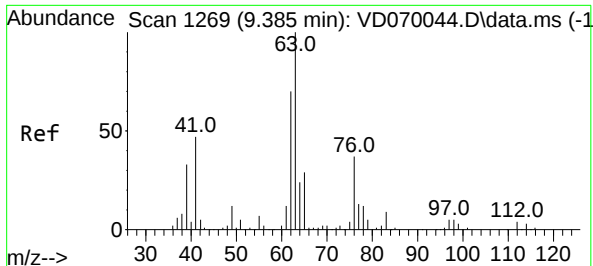


#44
Trichloroethene
Concen: 5.309 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD070041.D
Acq: 13 Aug 2021 10:40



Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.7	0.0	206.4





#45

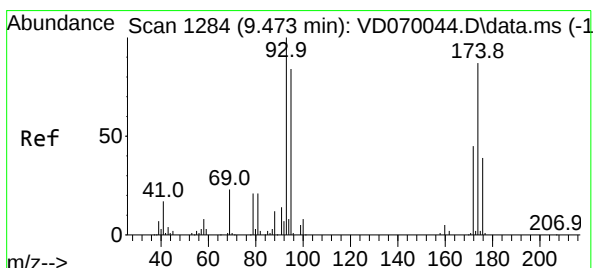
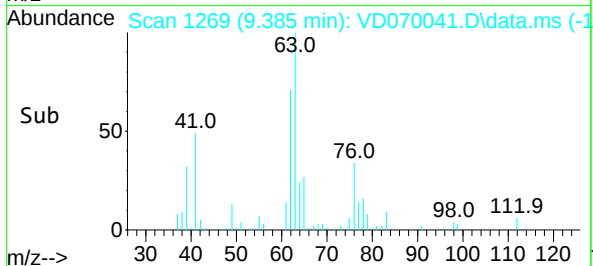
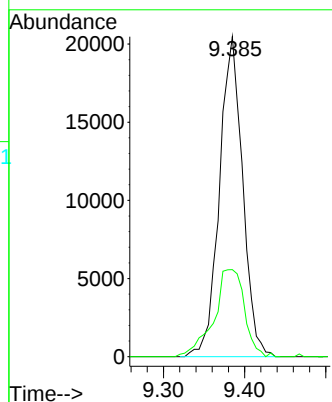
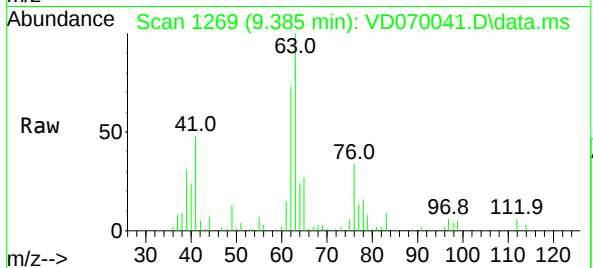
1,2-Dichloropropane
Concen: 5.163 ug/l
RT: 9.385 min Scan# 1269
Delta R.T. 0.000 min
Lab File: VD070041.D
Acq: 13 Aug 2021 10:40

Tgt Ion: 63 Resp: 40698
Ion Ratio Lower Upper
63 100
65 27.2 23.4 35.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Manual Integrations
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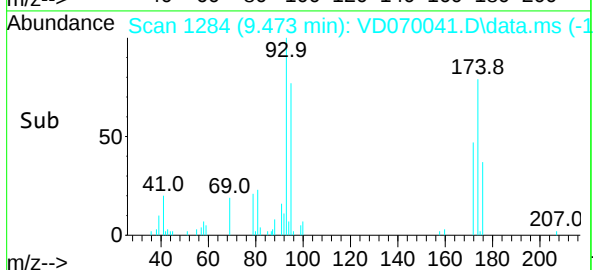
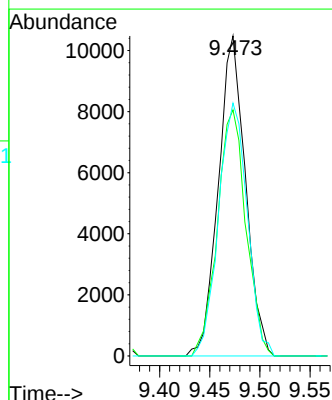
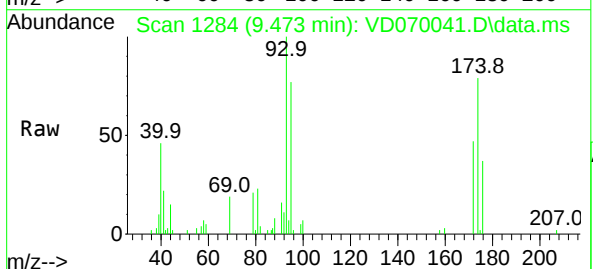
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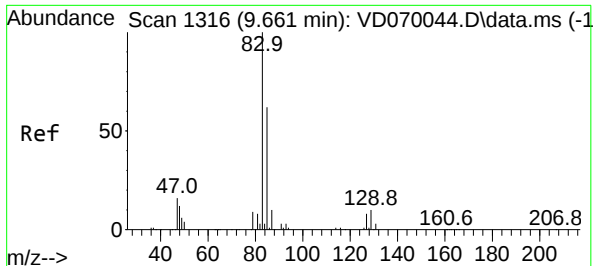


#46

Dibromomethane
Concen: 5.133 ug/l
RT: 9.473 min Scan# 1284
Delta R.T. 0.000 min
Lab File: VD070041.D
Acq: 13 Aug 2021 10:40

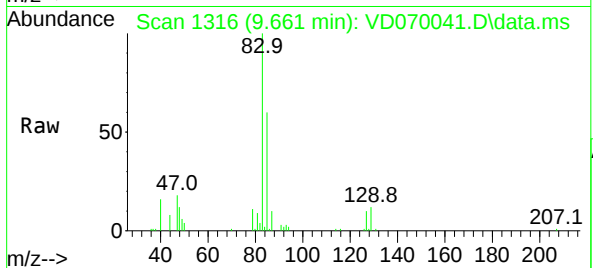
Tgt Ion: 93 Resp: 19652
Ion Ratio Lower Upper
93 100
95 81.1 68.1 102.1
174 83.7 68.2 102.4





#47
Bromodichloromethane
Concen: 5.200 ug/l
RT: 9.661 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VD070041.D
Acq: 13 Aug 2021 10:40

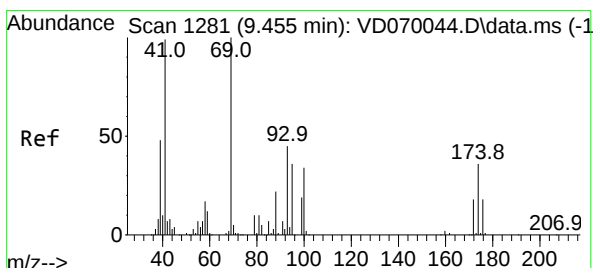
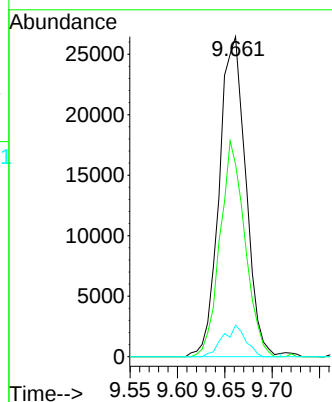
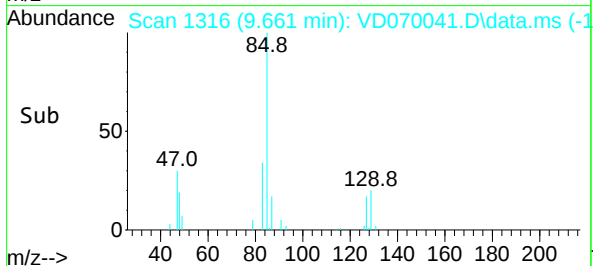
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



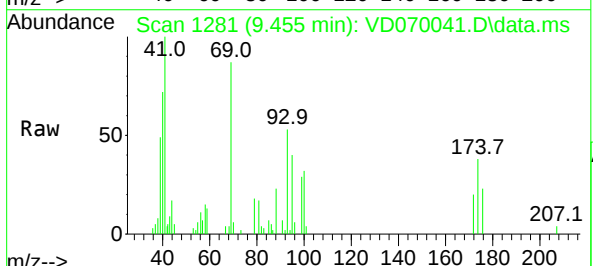
Tgt Ion: 83 Resp: 51503
Ion Ratio Lower Upper
83 100
85 60.2 49.6 74.4
127 9.9 6.8 10.2

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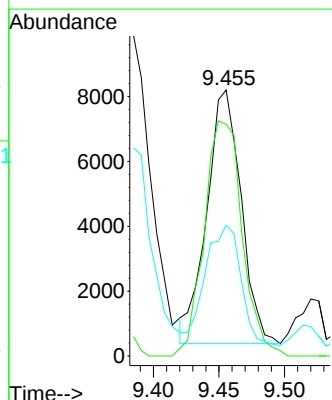
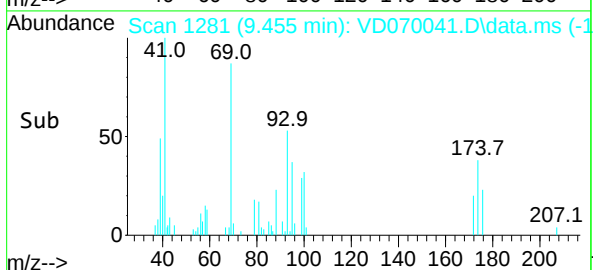
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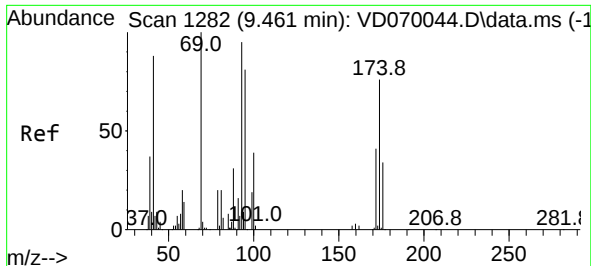


#48
Methyl methacrylate
Concen: 4.208 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. 0.000 min
Lab File: VD070041.D
Acq: 13 Aug 2021 10:40



Tgt Ion: 41 Resp: 14237
Ion Ratio Lower Upper
41 100
69 102.2 74.6 111.8
39 49.3 35.9 53.9





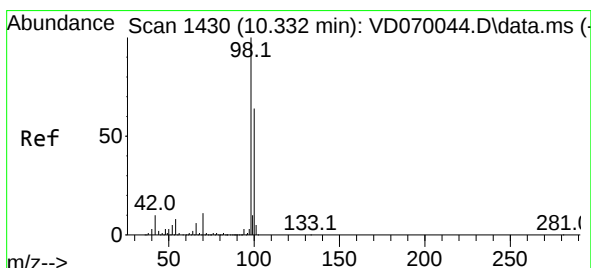
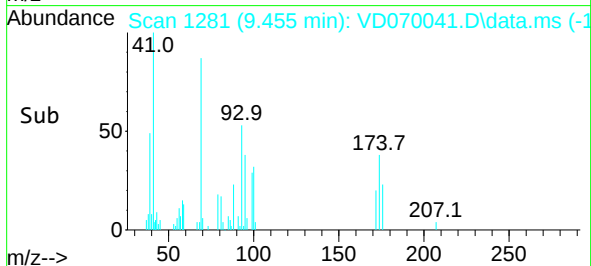
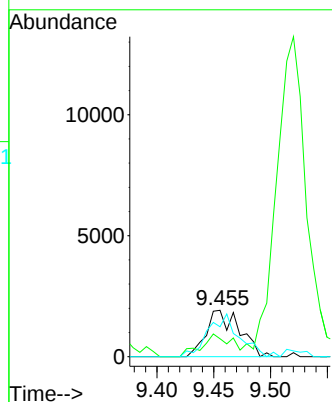
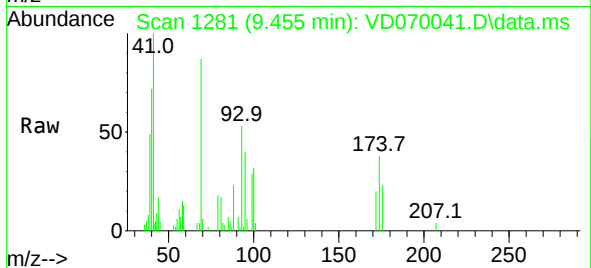
#49
1,4-Dioxane
Concen: 93.535 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. -0.006 min
Lab File: VD070041.D
Acq: 13 Aug 2021 10:40

Tgt Ion: 88 Resp: 3897
Ion Ratio Lower Upper
88 100
43 43.1 25.8 38.6#
58 84.5 57.4 86.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

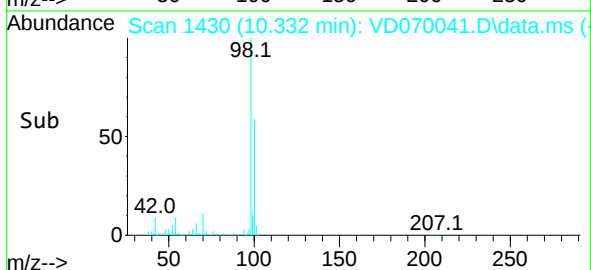
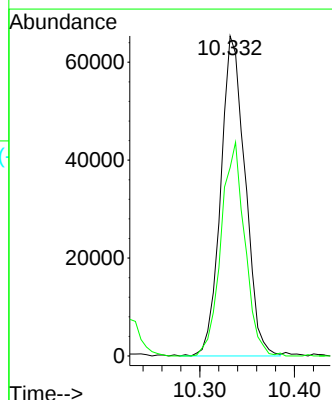
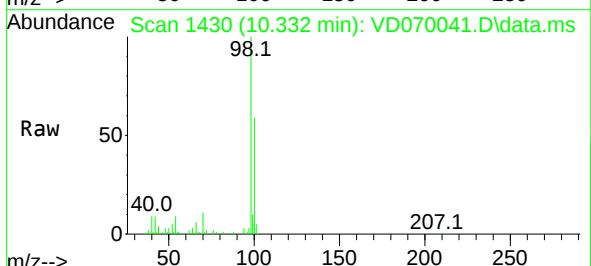
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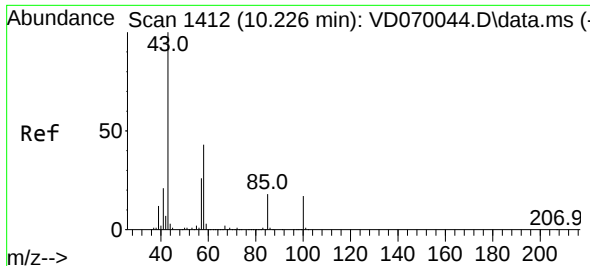
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#50
Toluene-d8
Concen: 4.793 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD070041.D
Acq: 13 Aug 2021 10:40

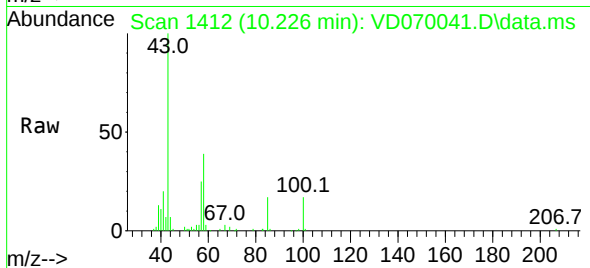
Tgt Ion: 98 Resp: 117136
Ion Ratio Lower Upper
98 100
100 65.1 52.6 78.8



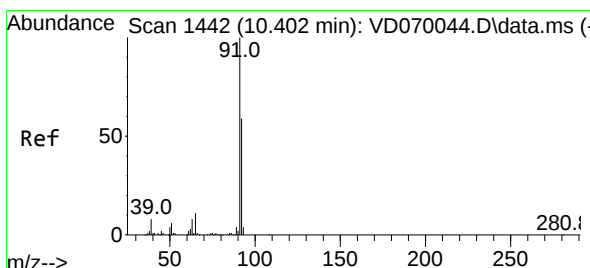
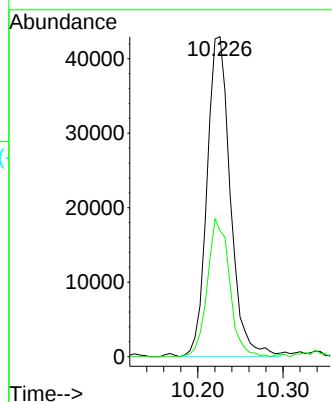
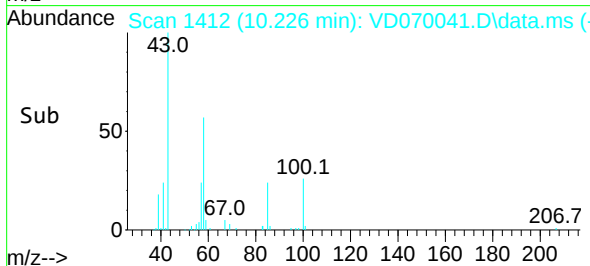


#51
4-Methyl-2-Pentanone
Concen: 22.148 ug/l
RT: 10.226 min Scan# 1412
Delta R.T. 0.000 min
Lab File: VD070041.D
Acq: 13 Aug 2021 10:40

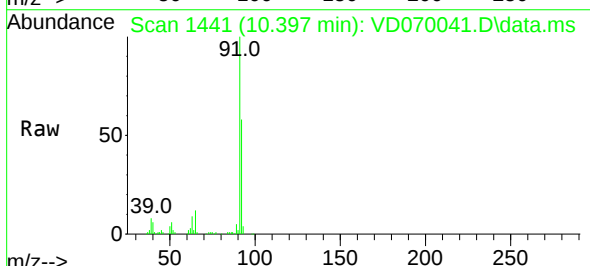
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



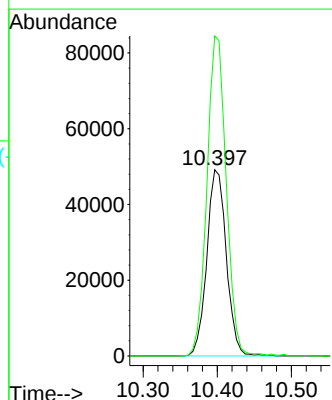
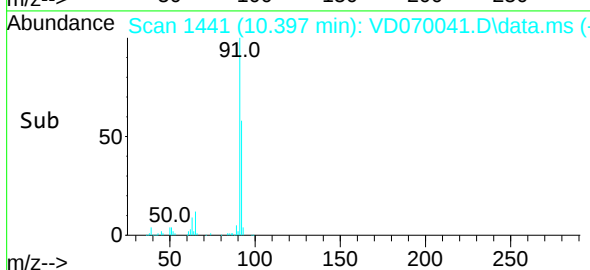
Tgt Ion: 43 Resp: 81700
Ion Ratio Lower Upper
43 100
58 40.7 33.9 50.9

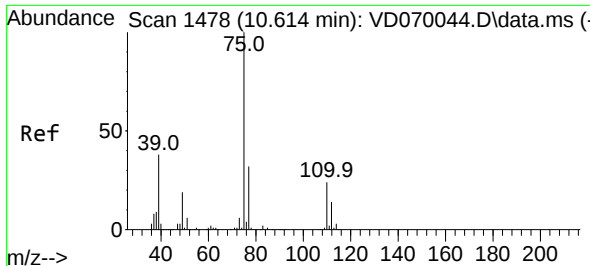


#52
Toluene
Concen: 4.860 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. -0.006 min
Lab File: VD070041.D
Acq: 13 Aug 2021 10:40



Tgt Ion: 92 Resp: 89758
Ion Ratio Lower Upper
92 100
91 169.8 137.2 205.8





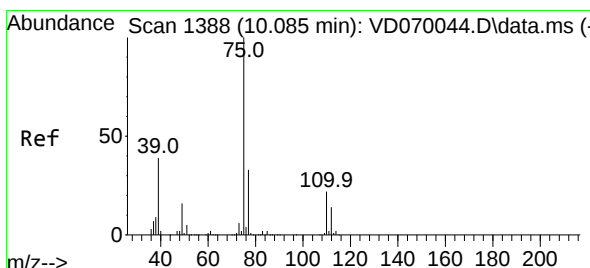
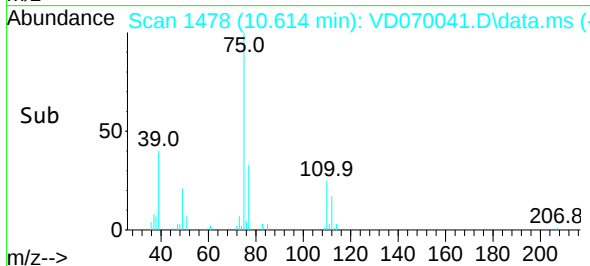
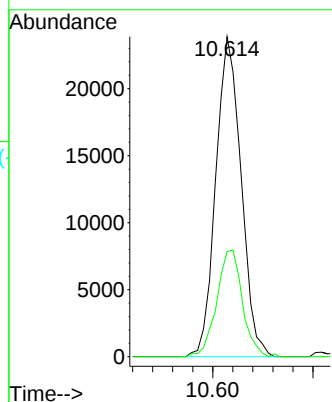
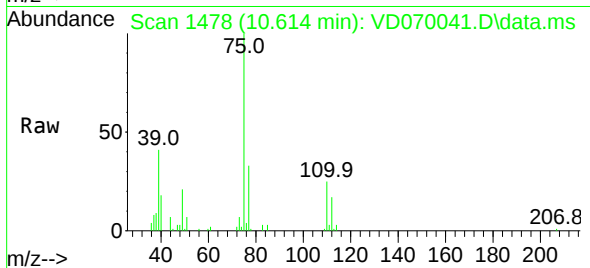
#53
t-1,3-Dichloropropene
Concen: 4.756 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VD070041.D
Acq: 13 Aug 2021 10:40

Tgt Ion: 75 Resp: 41724
Ion Ratio Lower Upper
75 100
77 32.9 25.4 38.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

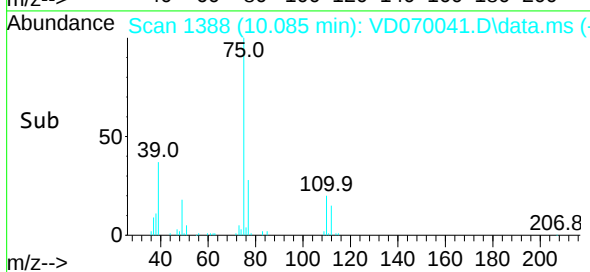
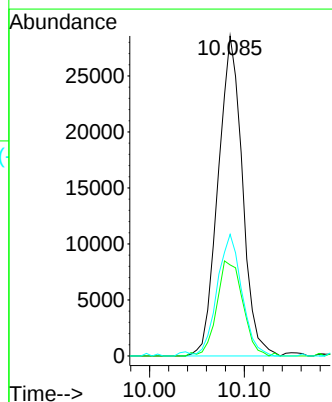
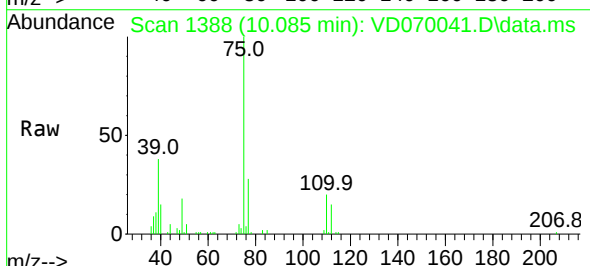
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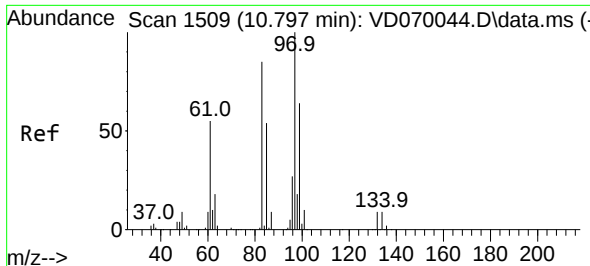
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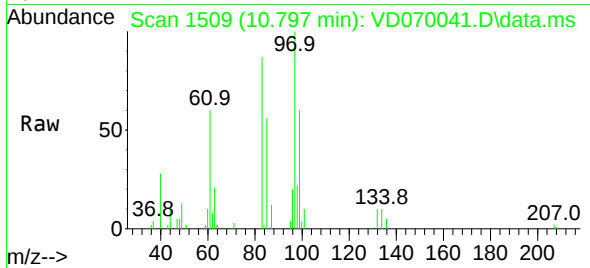
#54
cis-1,3-Dichloropropene
Concen: 4.772 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. 0.000 min
Lab File: VD070041.D
Acq: 13 Aug 2021 10:40

Tgt Ion: 75 Resp: 50814
Ion Ratio Lower Upper
75 100
77 28.5 26.3 39.5
39 38.0 31.4 47.2

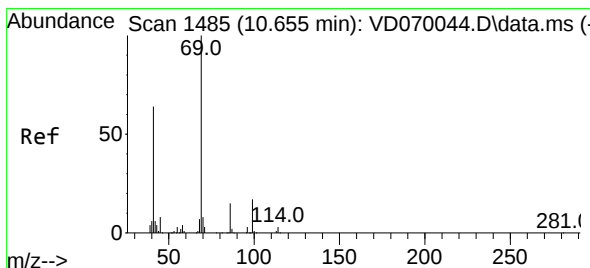
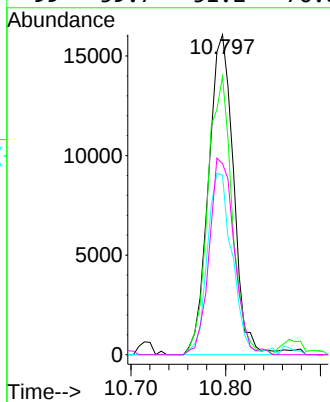
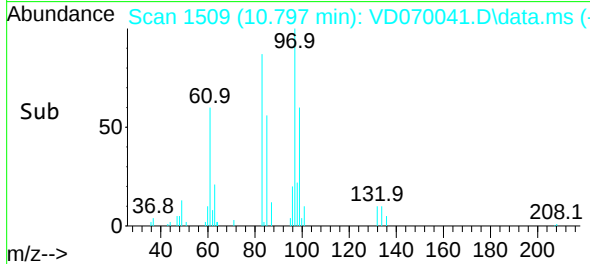




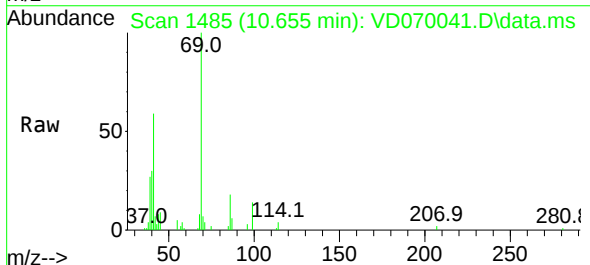
#55
1,1,2-Trichloroethane
Concen: 5.428 ug/l
RT: 10.797 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VD070041.D
Acq: 13 Aug 2021 10:40



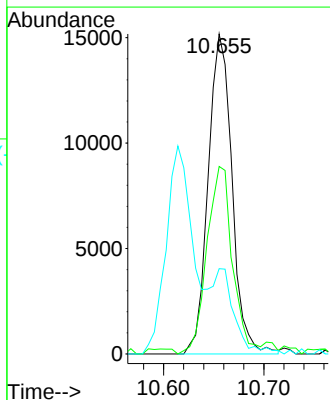
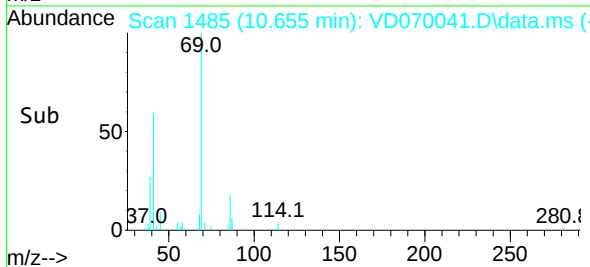
Tgt Ion:	97	Resp:	29443
Ion	Ratio	Lower	Upper
97	100		
83	86.9	67.8	101.6
85	56.1	43.4	65.0
99	59.7	51.2	76.8



#56
Ethyl methacrylate
Concen: 4.069 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD070041.D
Acq: 13 Aug 2021 10:40



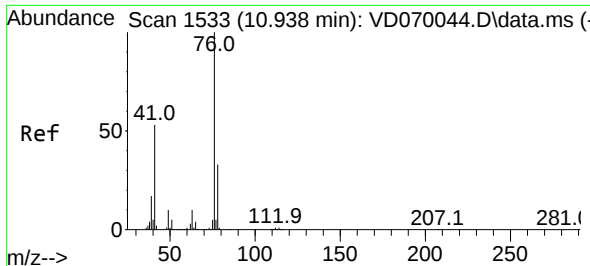
Tgt Ion:	69	Resp:	25116
Ion	Ratio	Lower	Upper
69	100		
41	62.9	48.9	73.3
39	24.4	21.6	32.4



Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

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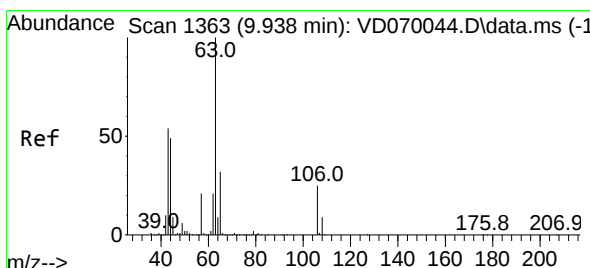
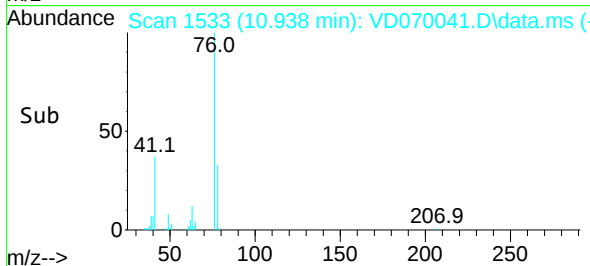
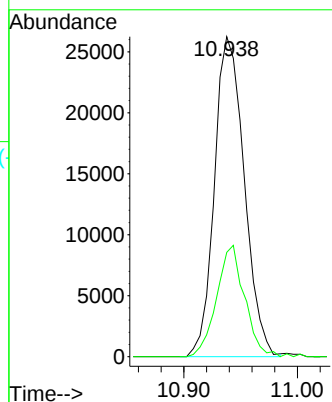
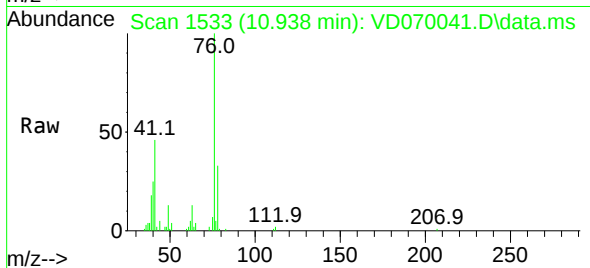
#57
1,3-Dichloropropane
Concen: 5.094 ug/l
RT: 10.938 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VD070041.D
Acq: 13 Aug 2021 10:40

Tgt Ion: 76 Resp: 47840
Ion Ratio Lower Upper
76 100
78 32.9 25.9 38.9

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

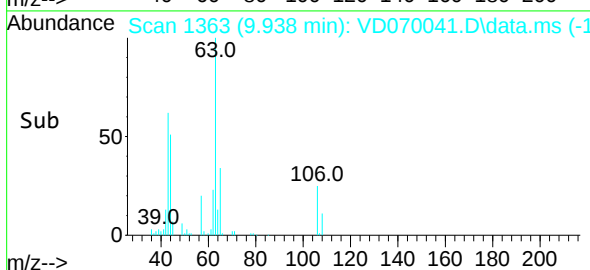
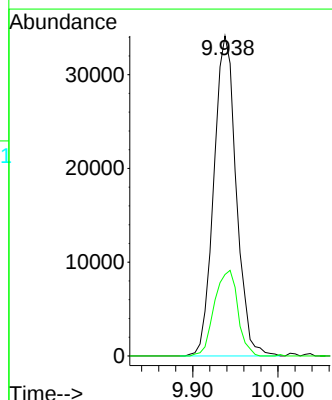
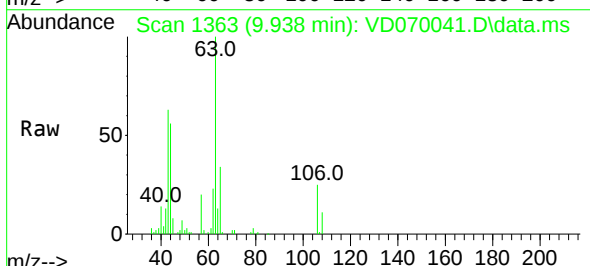
Manual Integrations
APPROVED

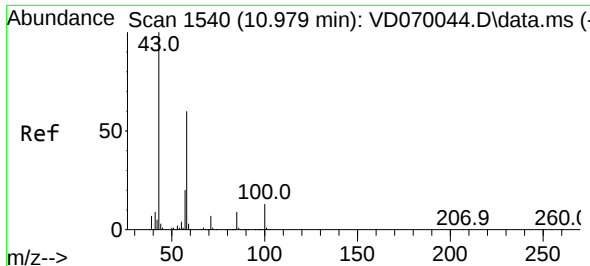
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#58
2-Chloroethyl Vinyl ether
Concen: 19.150 ug/l
RT: 9.938 min Scan# 1363
Delta R.T. 0.000 min
Lab File: VD070041.D
Acq: 13 Aug 2021 10:40

Tgt Ion: 63 Resp: 62349
Ion Ratio Lower Upper
63 100
106 27.8 21.2 31.8





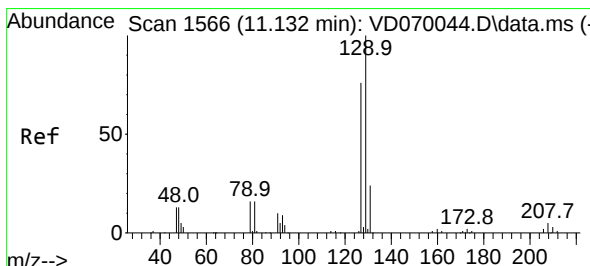
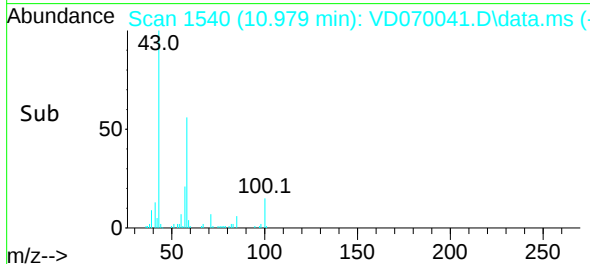
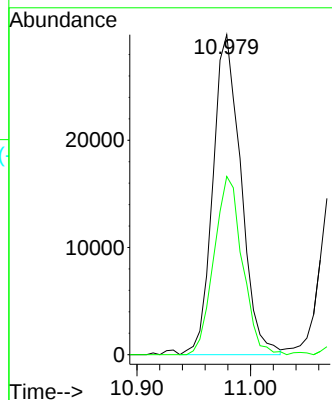
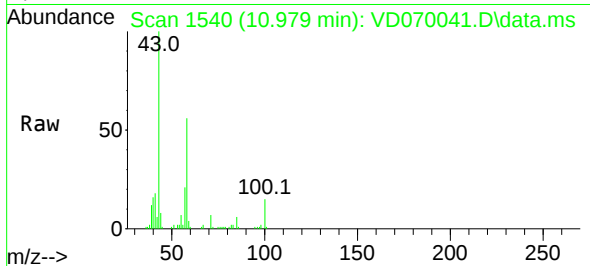
#59
2-Hexanone
Concen: 20.717 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VD070041.D
Acq: 13 Aug 2021 10:40

Tgt Ion: 43 Resp: 51180
Ion Ratio Lower Upper
43 100
58 56.3 29.5 88.5

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

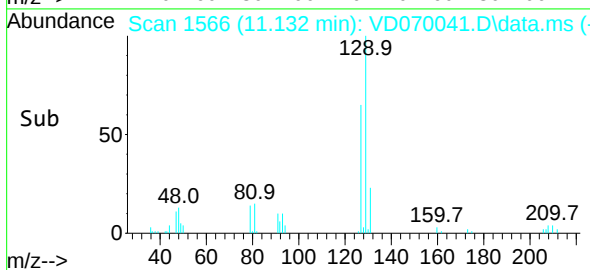
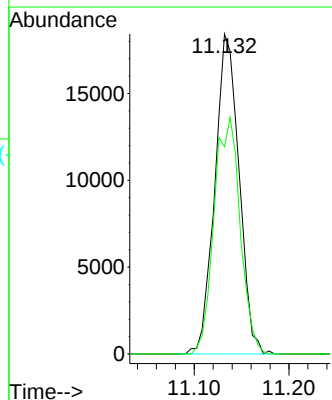
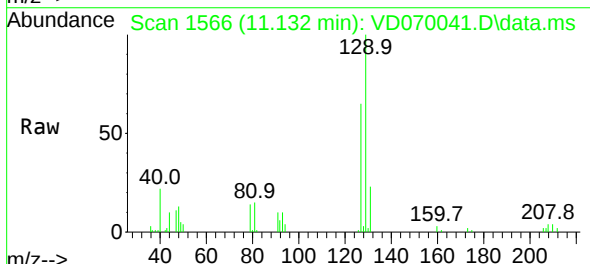
Manual Integrations
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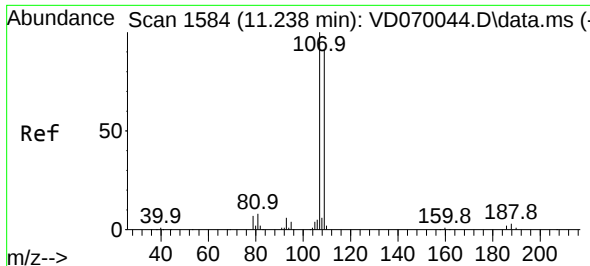
MMDadoda
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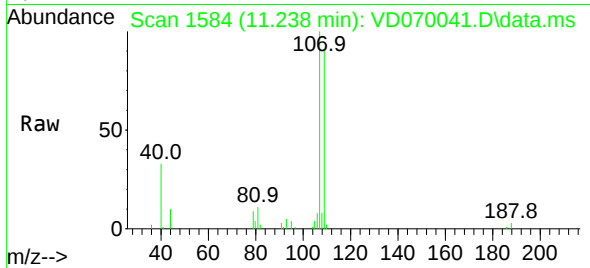
#60
Dibromochloromethane
Concen: 5.266 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VD070041.D
Acq: 13 Aug 2021 10:40

Tgt Ion: 129 Resp: 32725
Ion Ratio Lower Upper
129 100
127 79.4 39.4 118.2

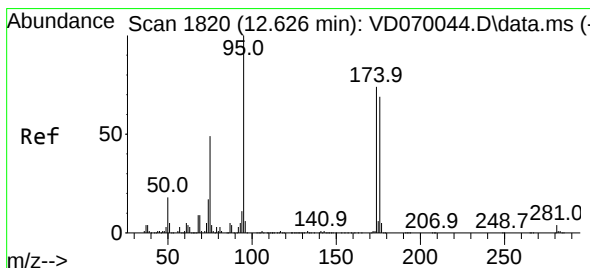
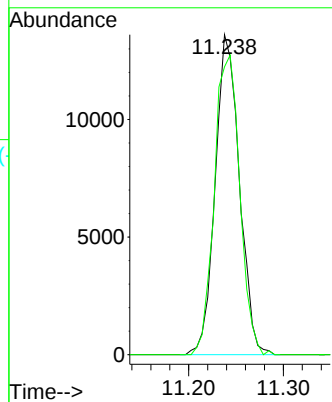
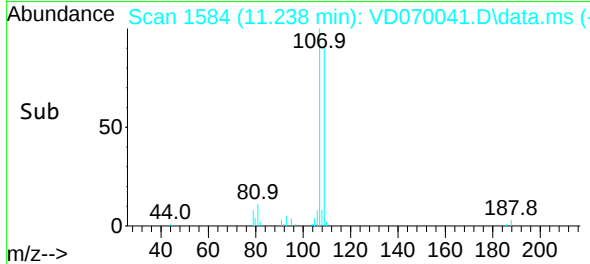




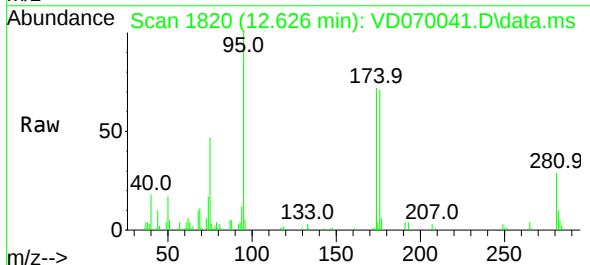
#61
1,2-Dibromoethane
Concen: 4.921 ug/l
RT: 11.238 min Scan# 1584
Delta R.T. 0.000 min
Lab File: VD070041.D
Acq: 13 Aug 2021 10:40



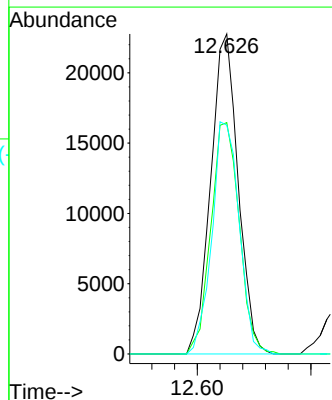
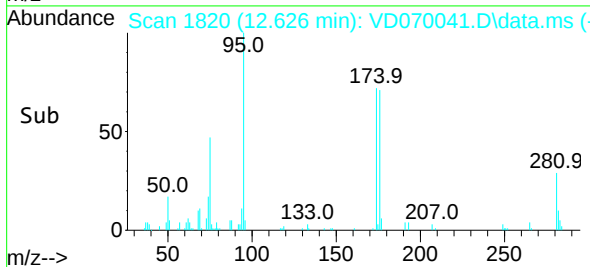
Tgt Ion: 107 Resp: 24166
Ion Ratio Lower Upper
107 100
109 98.5 74.6 112.0



#62
4-Bromofluorobenzene
Concen: 4.742 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070041.D
Acq: 13 Aug 2021 10:40



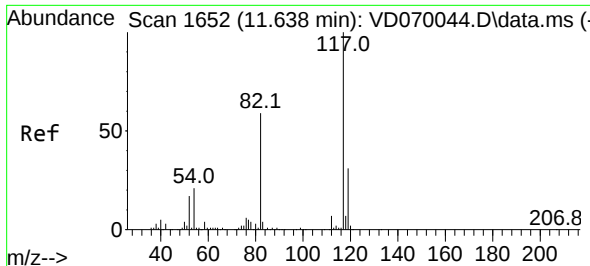
Tgt Ion: 95 Resp: 38166
Ion Ratio Lower Upper
95 100
174 74.8 0.0 141.6
176 72.1 0.0 138.2



Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

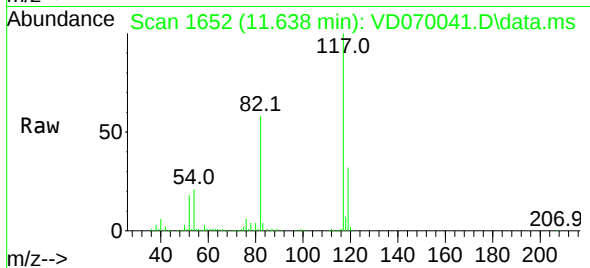
Manual Integrations
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070041.D
Acq: 13 Aug 2021 10:40

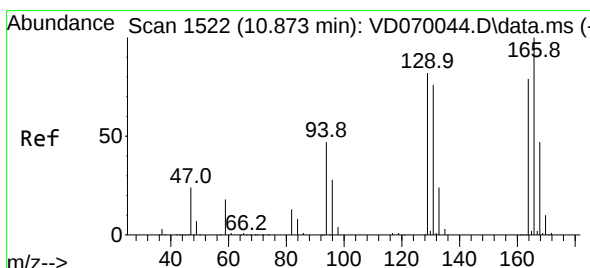
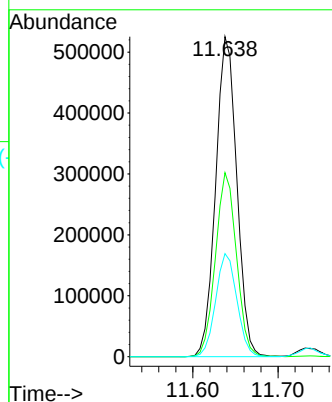
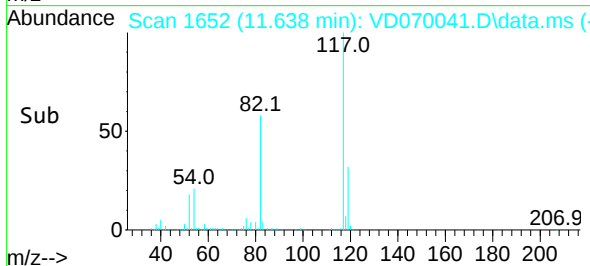
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



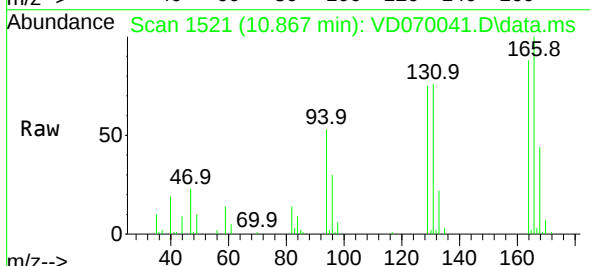
Tgt Ion:117 Resp: 907099
Ion Ratio Lower Upper
117 100
82 57.5 47.5 71.3
119 32.2 25.1 37.7

Manual Integrations
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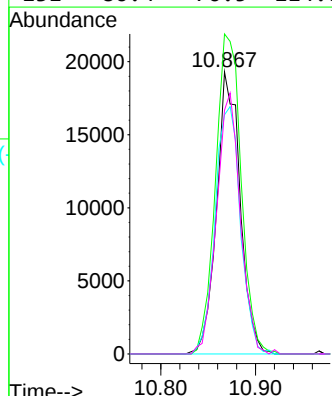
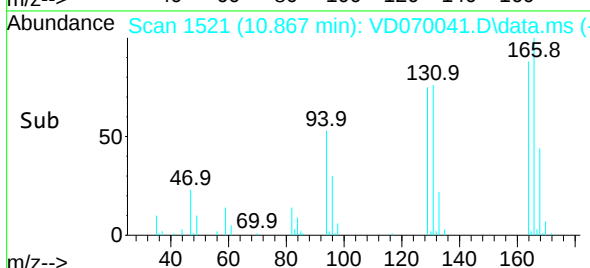
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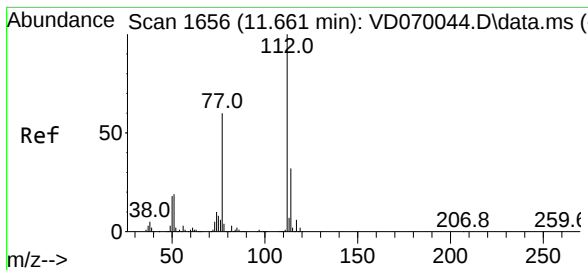


#64
Tetrachloroethene
Concen: 5.687 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. -0.006 min
Lab File: VD070041.D
Acq: 13 Aug 2021 10:40



Tgt Ion:164 Resp: 33278
Ion Ratio Lower Upper
164 100
166 113.4 101.3 151.9
129 84.8 82.9 124.3
131 86.4 76.5 114.7





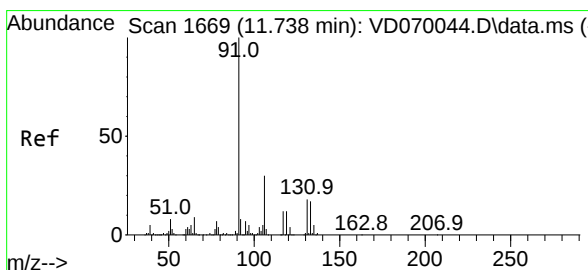
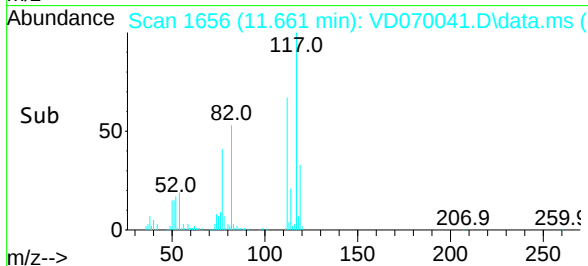
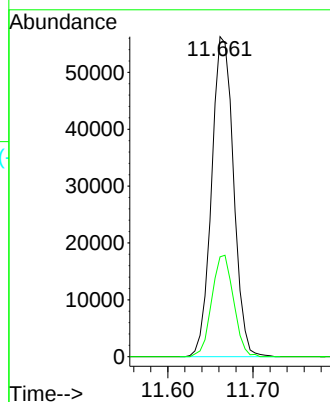
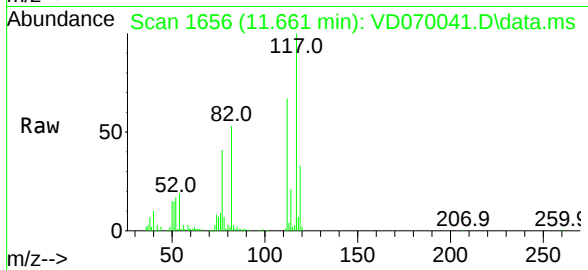
#65
Chlorobenzene
Concen: 5.310 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD070041.D
Acq: 13 Aug 2021 10:40

Tgt Ion:112 Resp: 100630
Ion Ratio Lower Upper
112 100
114 31.2 25.5 38.3

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

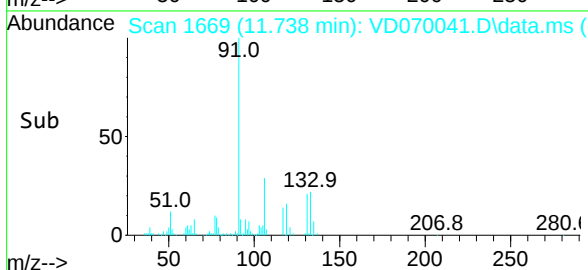
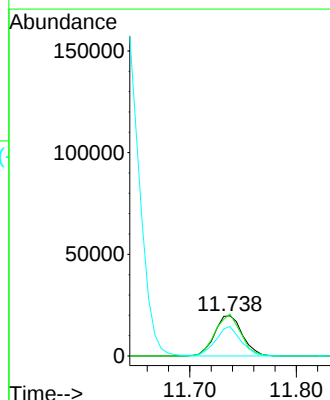
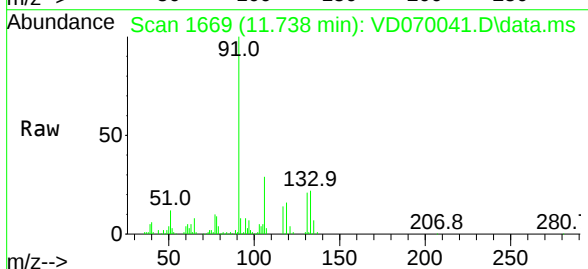
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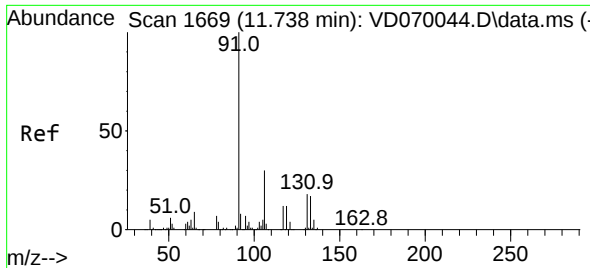
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#66
1,1,1,2-Tetrachloroethane
Concen: 5.315 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD070041.D
Acq: 13 Aug 2021 10:40

Tgt Ion:131 Resp: 35775
Ion Ratio Lower Upper
131 100
133 95.8 47.4 142.2
119 66.3 34.0 102.0





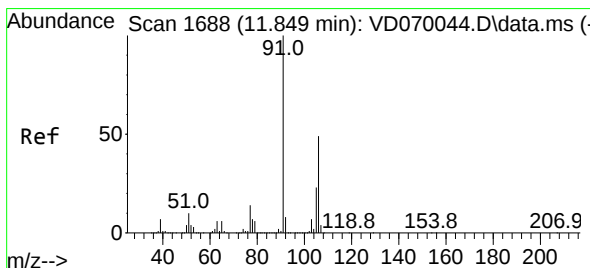
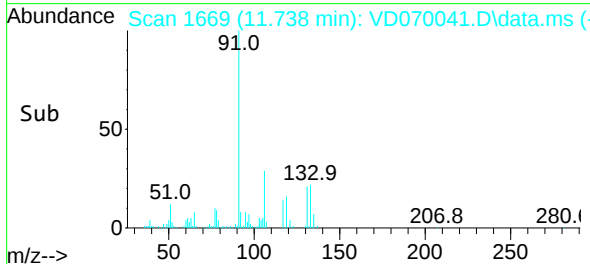
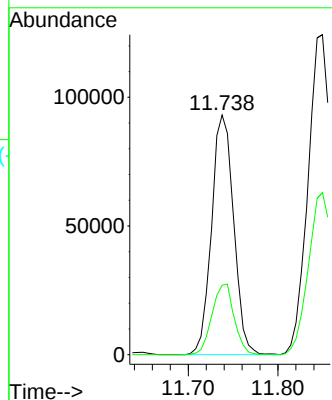
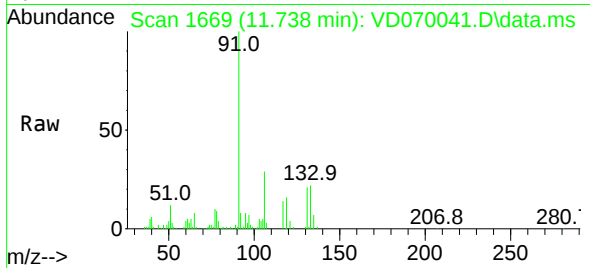
#67
Ethyl Benzene
Concen: 4.754 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD070041.D
Acq: 13 Aug 2021 10:40

Tgt Ion: 91 Resp: 159288
Ion Ratio Lower Upper
91 100
106 29.0 24.3 36.5

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

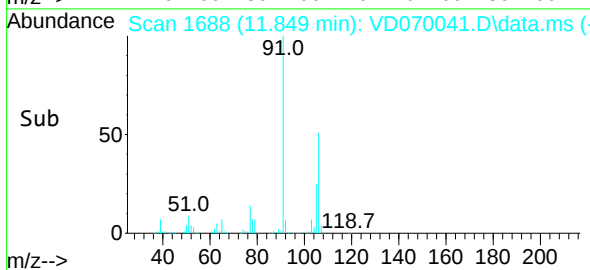
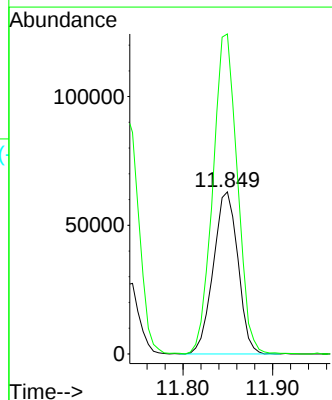
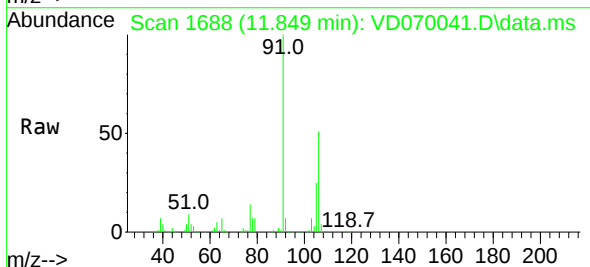
Manual Integrations
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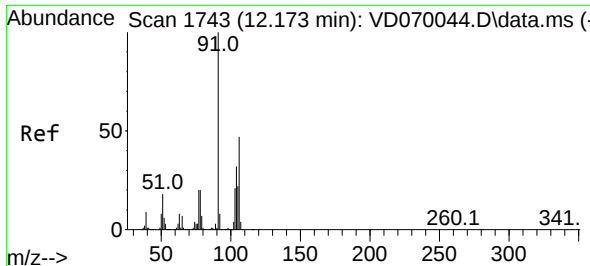
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#68
m/p-Xylenes
Concen: 9.231 ug/l
RT: 11.849 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VD070041.D
Acq: 13 Aug 2021 10:40

Tgt Ion: 106 Resp: 119873
Ion Ratio Lower Upper
106 100
91 196.8 164.6 246.8





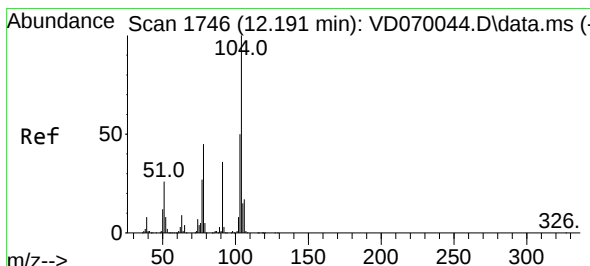
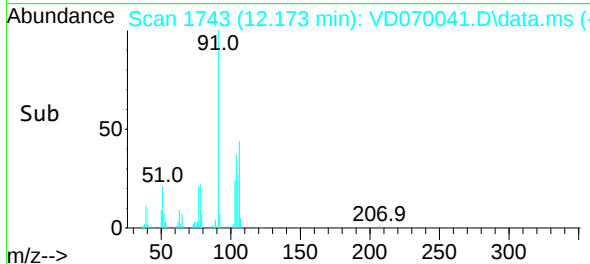
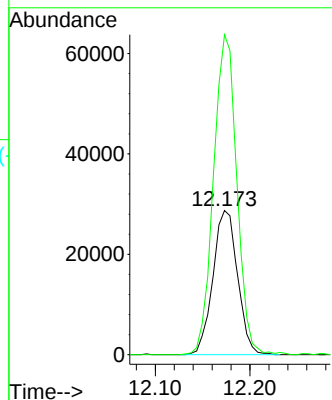
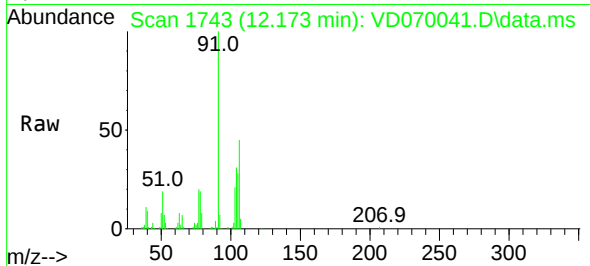
#69
o-Xylene
Concen: 4.431 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VD070041.D
Acq: 13 Aug 2021 10:40

Tgt Ion:106 Resp: 51921
Ion Ratio Lower Upper
106 100
91 210.4 108.6 325.8

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

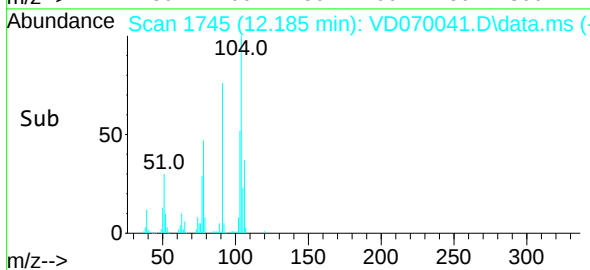
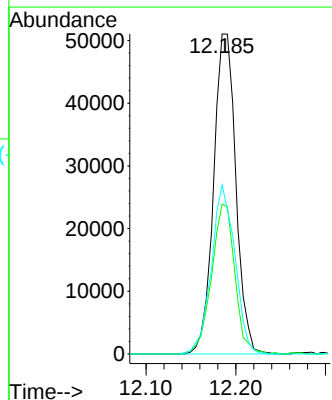
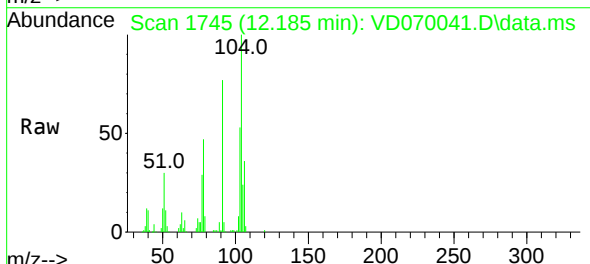
Manual Integrations
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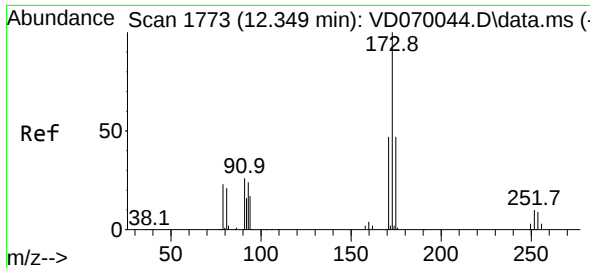
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#70
Styrene
Concen: 4.293 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.006 min
Lab File: VD070041.D
Acq: 13 Aug 2021 10:40

Tgt Ion:104 Resp: 88104
Ion Ratio Lower Upper
104 100
78 48.9 39.7 59.5
103 55.7 43.8 65.6





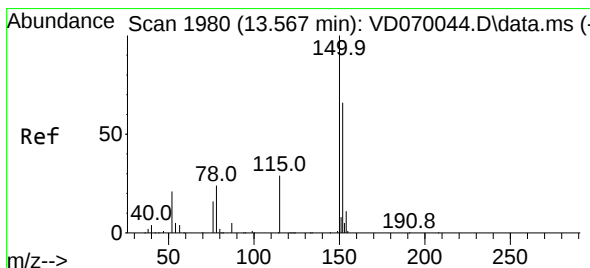
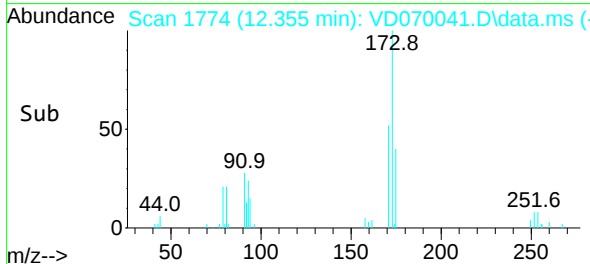
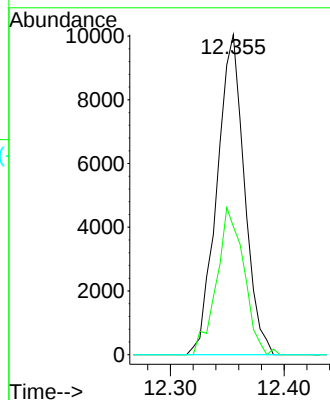
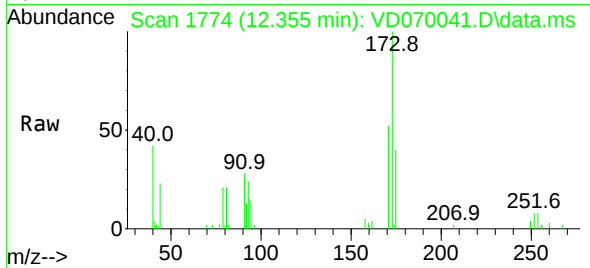
#71
Bromoform
Concen: 5.137 ug/l
RT: 12.355 min Scan# 1774
Delta R.T. 0.006 min
Lab File: VD070041.D
Acq: 13 Aug 2021 10:40

Tgt Ion:173 Resp: 16845
Ion Ratio Lower Upper
173 100
175 45.6 24.1 72.2
254 0.0 0.0 0.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

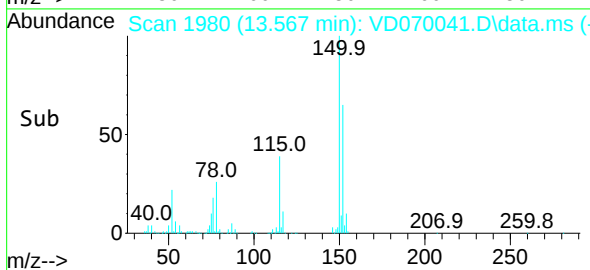
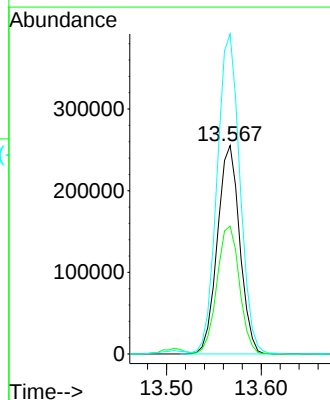
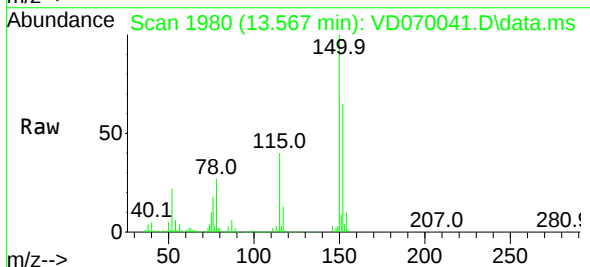
Manual Integrations
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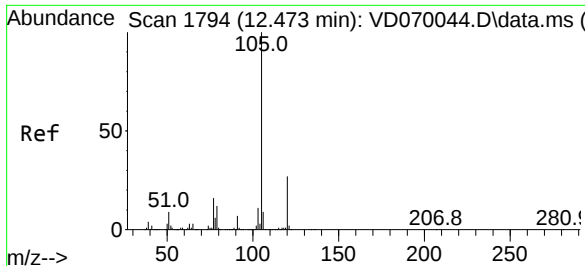
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD070041.D
Acq: 13 Aug 2021 10:40

Tgt Ion:152 Resp: 417401
Ion Ratio Lower Upper
152 100
115 62.0 31.2 93.6
150 157.2 0.0 352.0





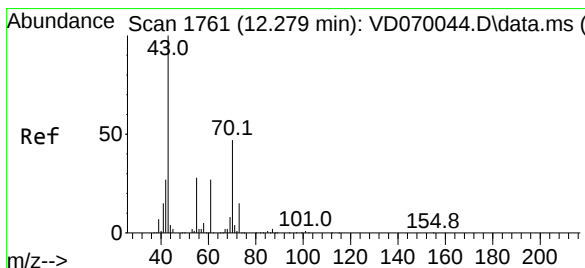
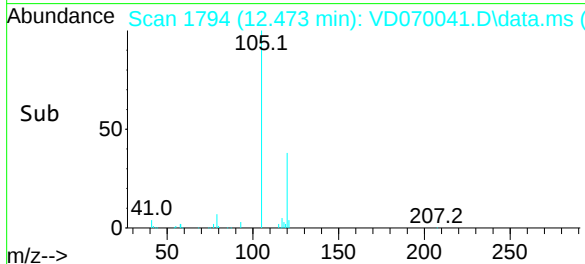
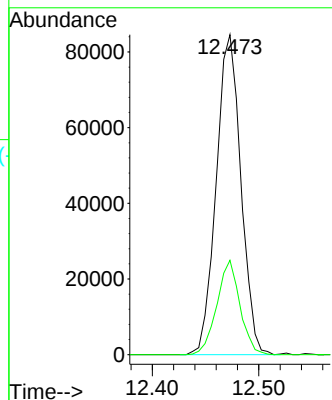
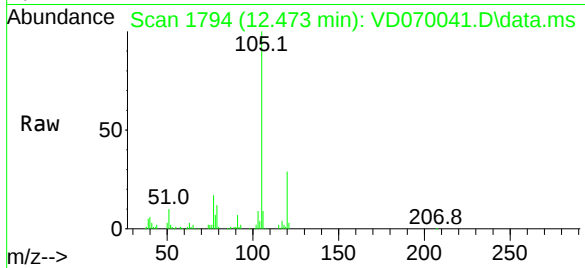
#73
Isopropylbenzene
Concen: 4.467 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VD070041.D
Acq: 13 Aug 2021 10:40

Tgt Ion: 105 Resp: 135972
Ion Ratio Lower Upper
105 100
120 27.5 13.3 39.8

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

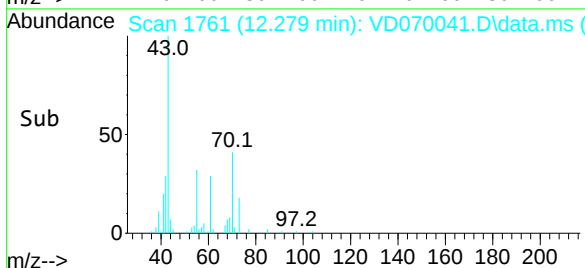
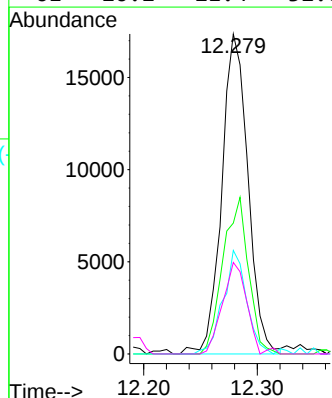
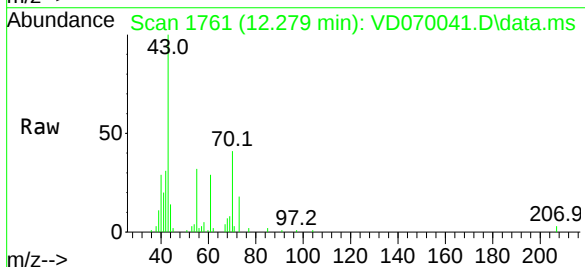
Manual Integrations
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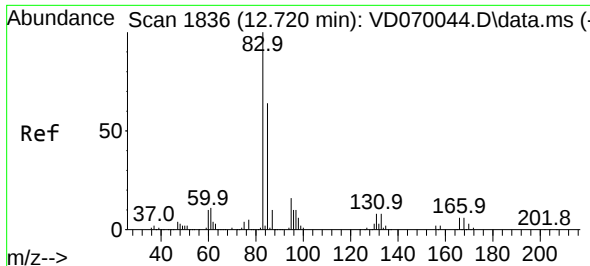
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#74
N-ethyl acetate
Concen: 4.243 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VD070041.D
Acq: 13 Aug 2021 10:40

Tgt Ion: 43 Resp: 27848
Ion Ratio Lower Upper
43 100
70 47.7 37.2 55.8
55 29.0 22.9 34.3
61 26.2 21.4 32.0





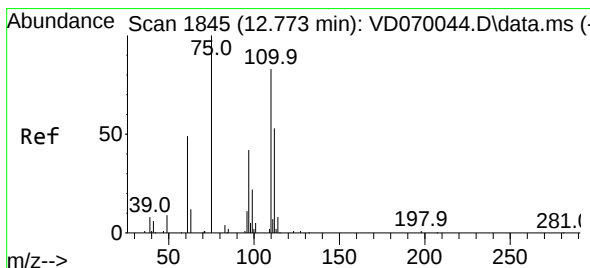
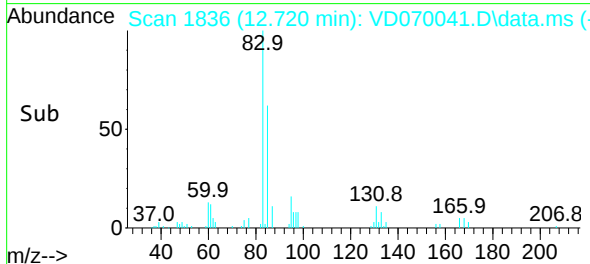
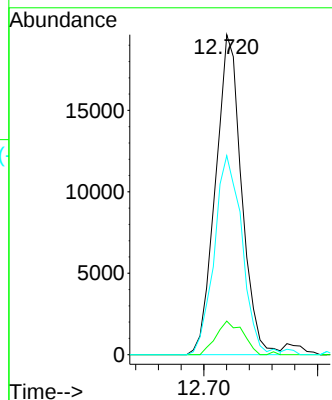
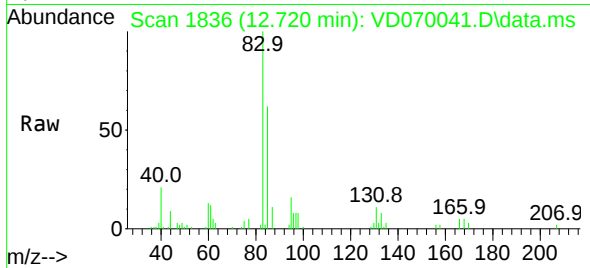
#75
1,1,2,2-Tetrachloroethane
Concen: 5.154 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VD070041.D
Acq: 13 Aug 2021 10:40

Tgt Ion	Ratio	Lower	Upper
83	100		
131	10.8	4.5	13.7
85	67.1	31.9	95.5

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

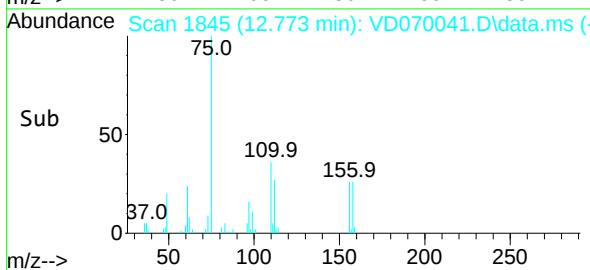
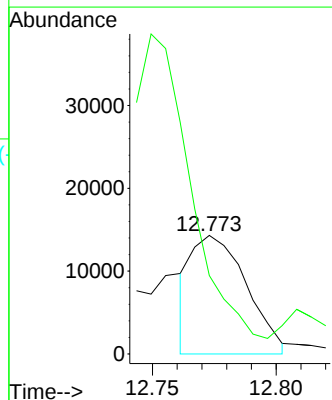
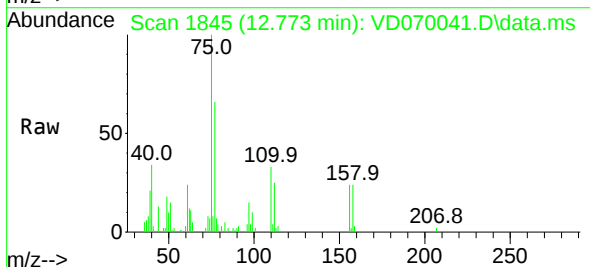
Manual Integrations
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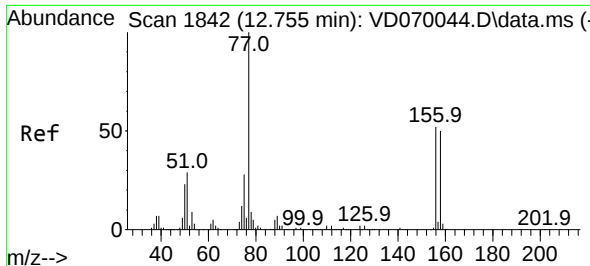
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#76
1,2,3-Trichloropropane
Concen: 6.498 ug/l m
RT: 12.773 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VD070041.D
Acq: 13 Aug 2021 10:40

Tgt Ion	Ratio	Lower	Upper
75	100		
77	0.0	182.4	547.2#





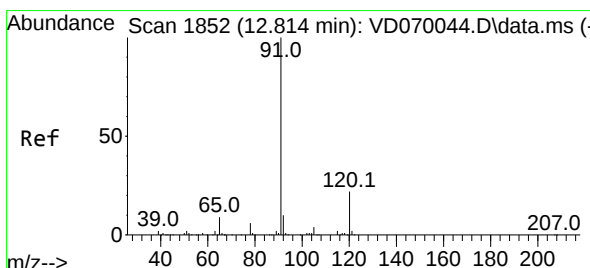
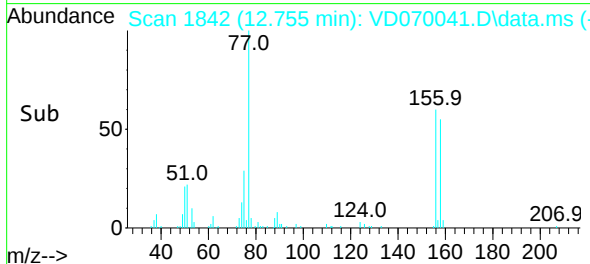
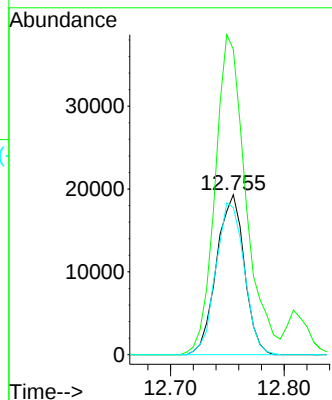
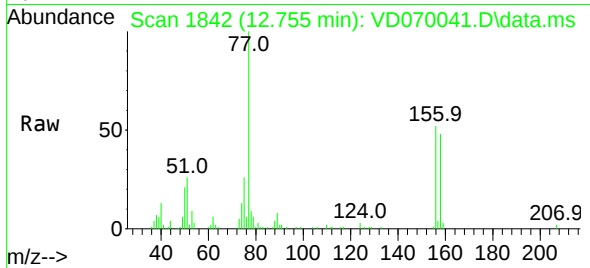
#77
Bromobenzene
Concen: 4.876 ug/l
RT: 12.755 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD070041.D
Acq: 13 Aug 2021 10:40

Tgt Ion	Ratio	Lower	Upper
156	100		
77	220.5	106.9	320.7
158	97.0	47.6	142.8

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

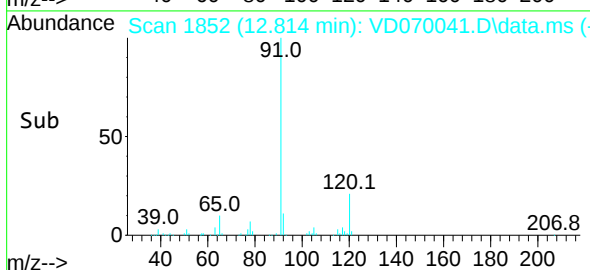
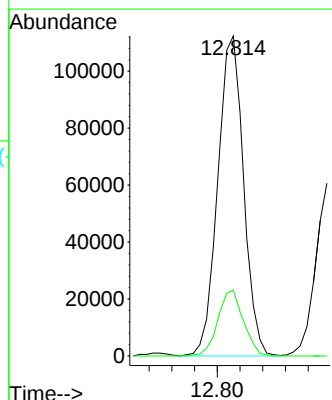
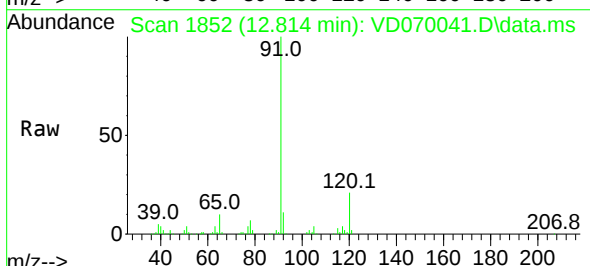
Manual Integrations
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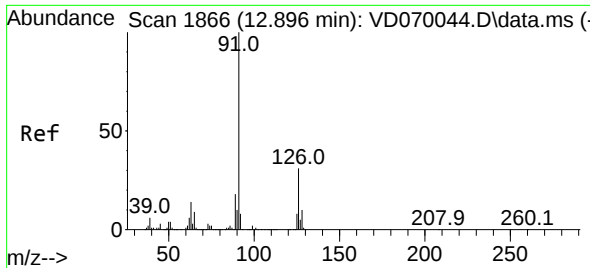
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#78
n-propylbenzene
Concen: 4.511 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VD070041.D
Acq: 13 Aug 2021 10:40

Tgt Ion	Ratio	Lower	Upper
91	100		
120	20.3	10.9	32.9





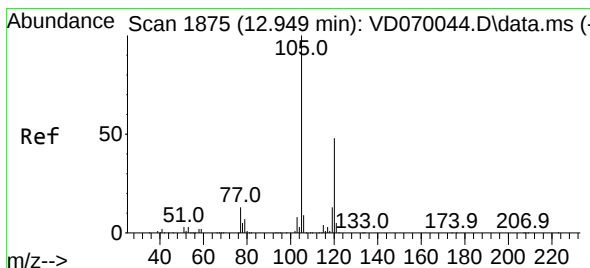
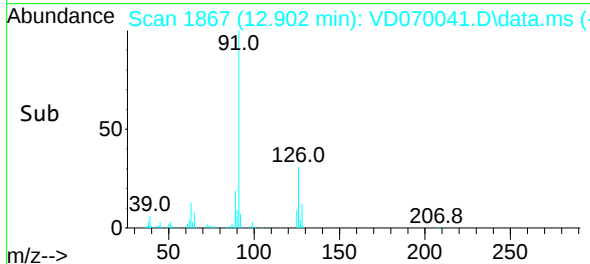
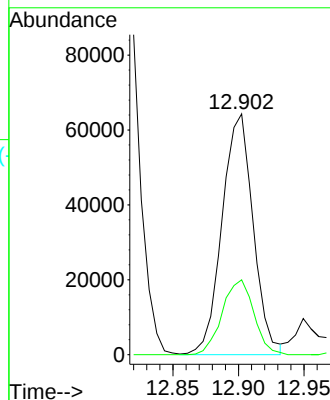
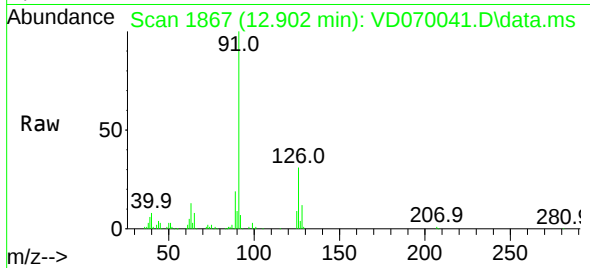
#79
2-Chlorotoluene
Concen: 4.698 ug/l
RT: 12.902 min Scan# 1867
Delta R.T. 0.006 min
Lab File: VD070041.D
Acq: 13 Aug 2021 10:40

Tgt Ion: 91 Resp: 106111
Ion Ratio Lower Upper
91 100
126 31.5 16.0 48.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

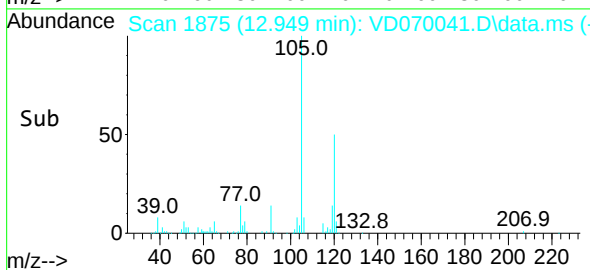
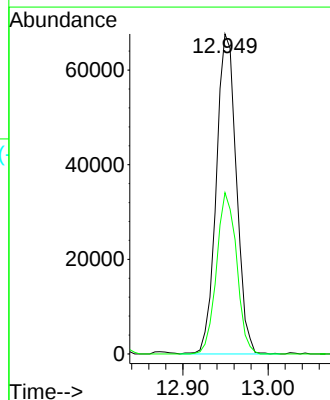
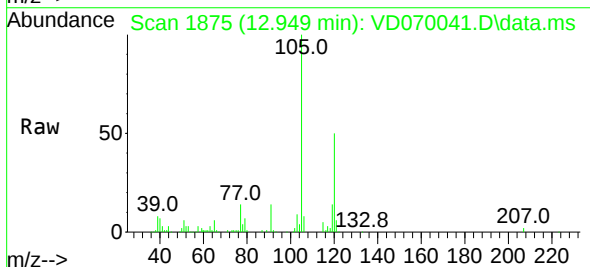
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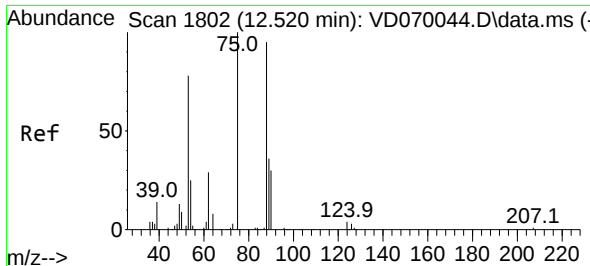
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#80
1,3,5-Trimethylbenzene
Concen: 4.269 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD070041.D
Acq: 13 Aug 2021 10:40

Tgt Ion: 105 Resp: 110617
Ion Ratio Lower Upper
105 100
120 50.3 24.5 73.5





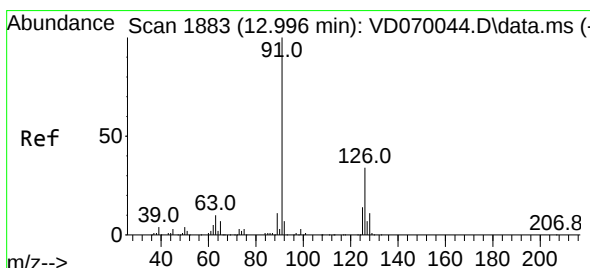
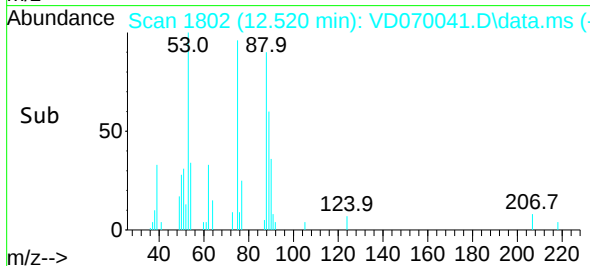
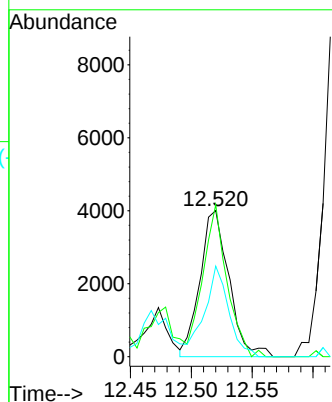
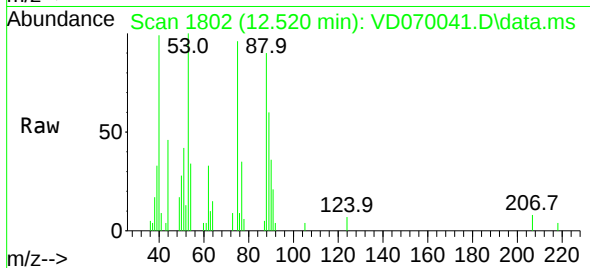
#81
trans-1,4-Dichloro-2-butene
Concen: 4.066 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. 0.000 min
Lab File: VD070041.D
Acq: 13 Aug 2021 10:40

Tgt Ion	Ratio	Lower	Upper
75	100		
53	86.1	64.5	96.7
89	51.0	33.7	50.5#

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

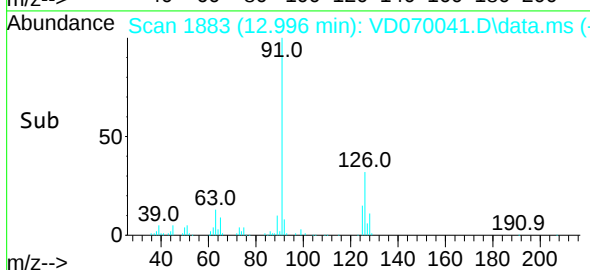
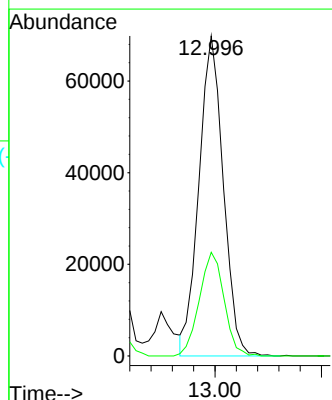
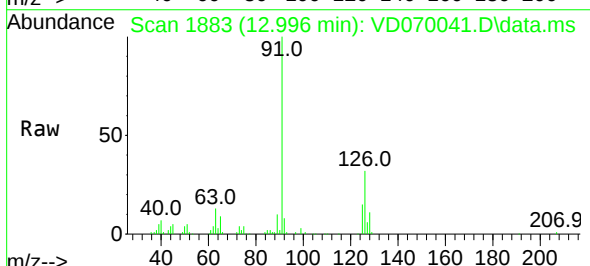
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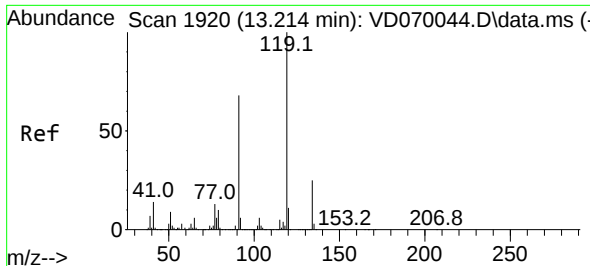
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#82
4-Chlorotoluene
Concen: 4.691 ug/l
RT: 12.996 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VD070041.D
Acq: 13 Aug 2021 10:40

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.9	16.3	48.8





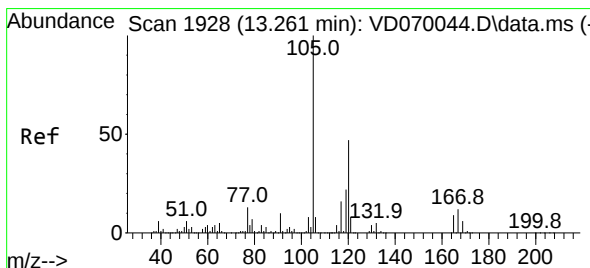
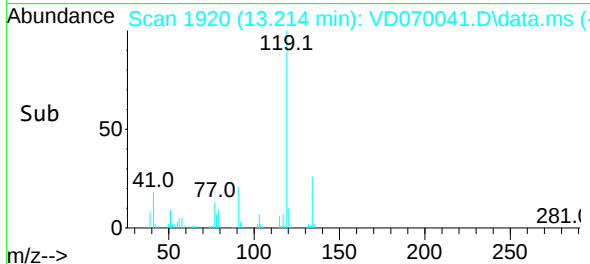
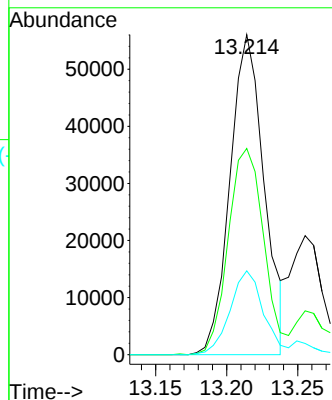
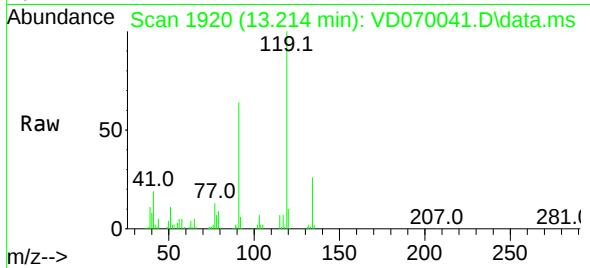
#83
tert-Butylbenzene
Concen: 4.454 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. 0.000 min
Lab File: VD070041.D
Acq: 13 Aug 2021 10:40

Tgt Ion:119 Resp: 93813
Ion Ratio Lower Upper
119 100
91 67.5 34.0 101.8
134 25.7 13.2 39.6

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

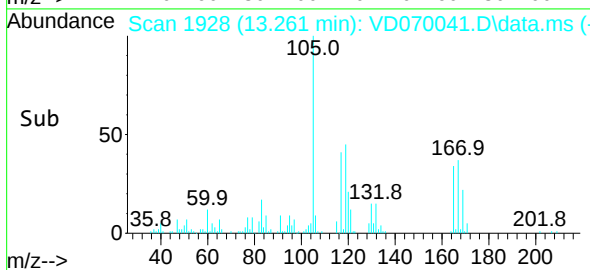
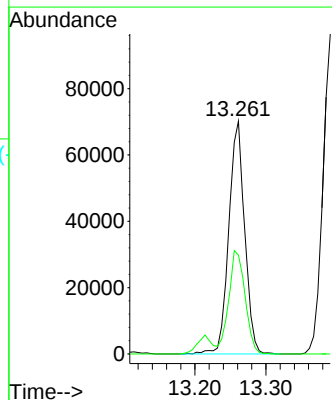
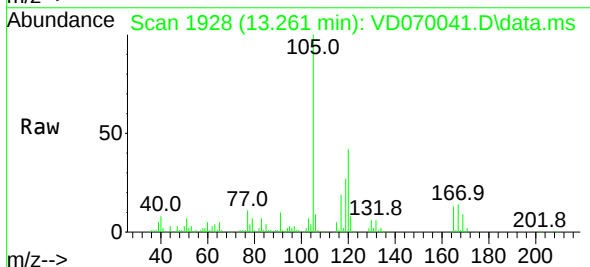
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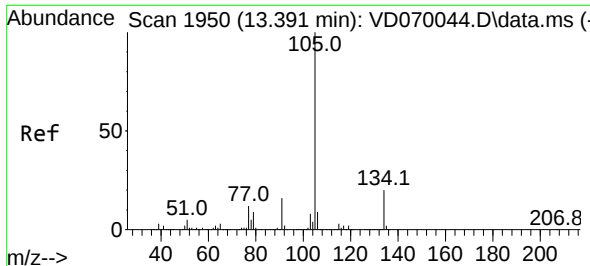
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#84
1,2,4-Trimethylbenzene
Concen: 4.231 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. 0.000 min
Lab File: VD070041.D
Acq: 13 Aug 2021 10:40

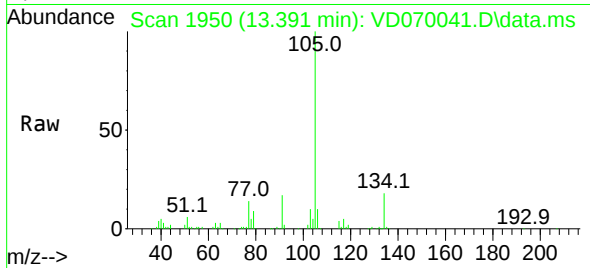
Tgt Ion:105 Resp: 108766
Ion Ratio Lower Upper
105 100
120 45.7 22.5 67.5





#85
 sec-Butylbenzene
 Concen: 4.515 ug/l
 RT: 13.391 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: VD070041.D
 Acq: 13 Aug 2021 10:40

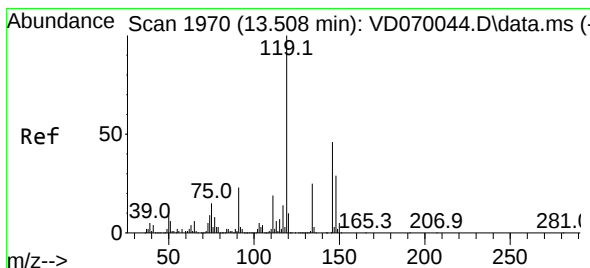
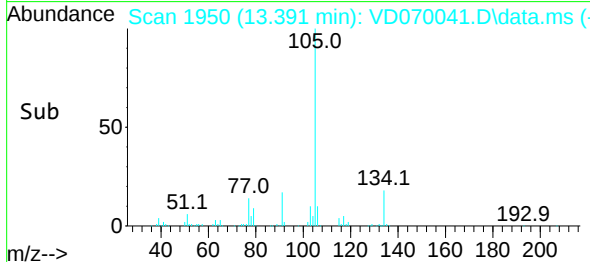
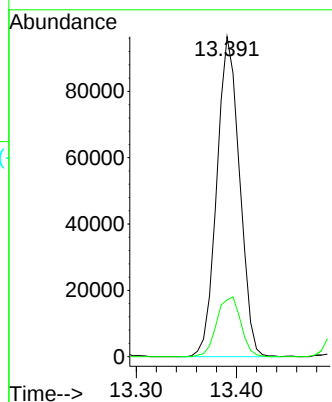
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005



Tgt Ion:105 Resp: 152350
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.3

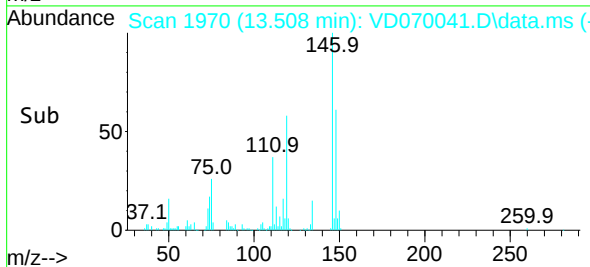
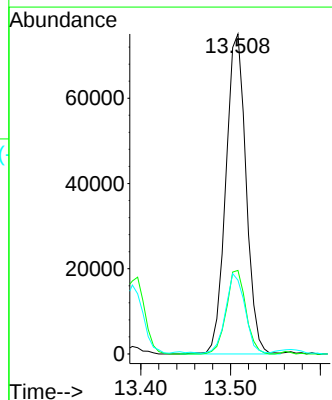
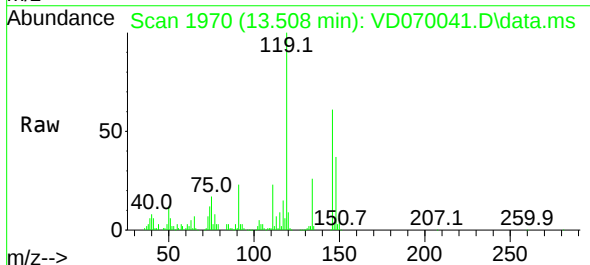
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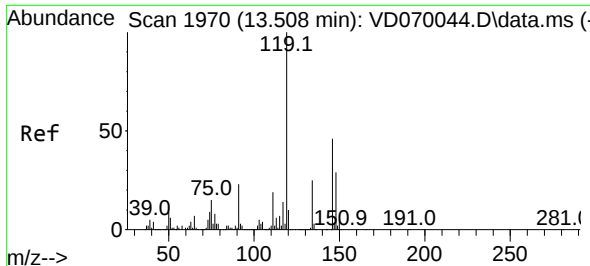
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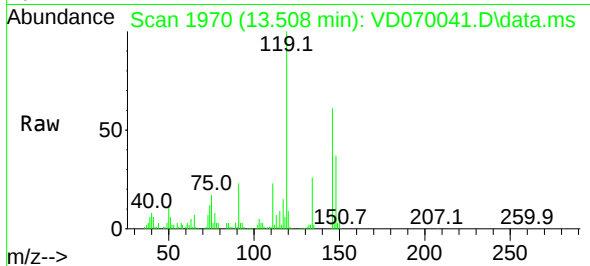
#86
 p-Isopropyltoluene
 Concen: 4.297 ug/l
 RT: 13.508 min Scan# 1970
 Delta R.T. 0.000 min
 Lab File: VD070041.D
 Acq: 13 Aug 2021 10:40

Tgt Ion:119 Resp: 117157
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.8 38.3
 91 24.0 11.6 34.8

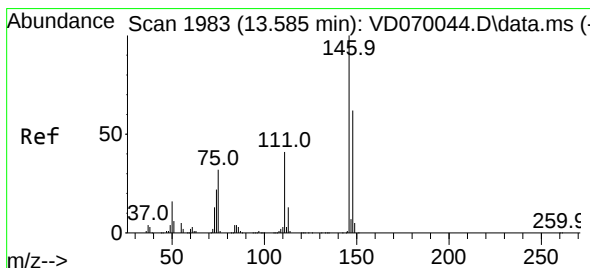
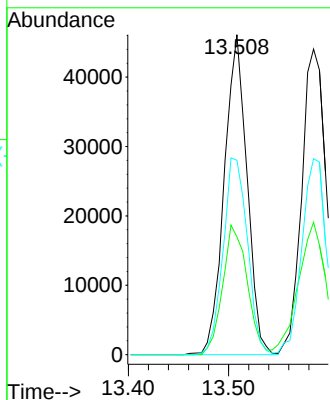
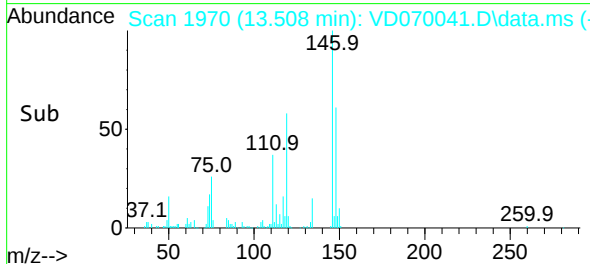




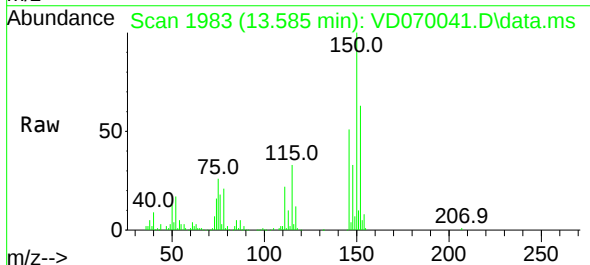
#87
 1,3-Dichlorobenzene
 Concen: 5.057 ug/l
 RT: 13.508 min Scan# 1970
 Delta R.T. 0.000 min
 Lab File: VD070041.D
 Acq: 13 Aug 2021 10:40



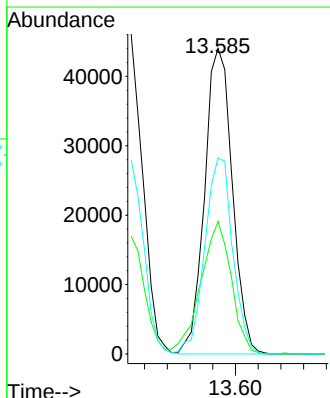
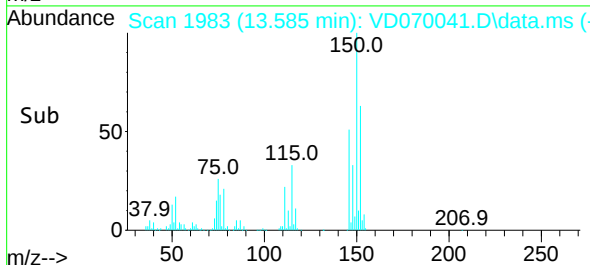
Tgt Ion:146 Resp: 72589
 Ion Ratio Lower Upper
 146 100
 111 43.4 21.3 64.0
 148 65.7 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 5.251 ug/l
 RT: 13.585 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VD070041.D
 Acq: 13 Aug 2021 10:40



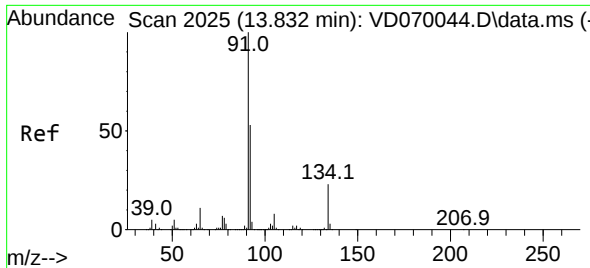
Tgt Ion:146 Resp: 74660
 Ion Ratio Lower Upper
 146 100
 111 48.0 20.3 60.8
 148 64.8 31.3 93.9



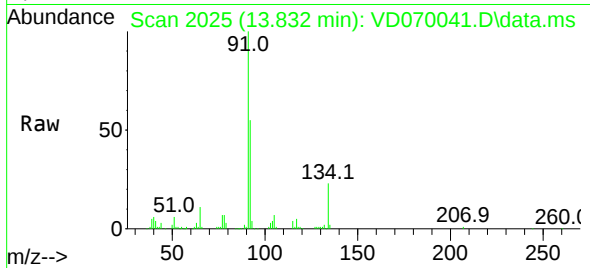
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

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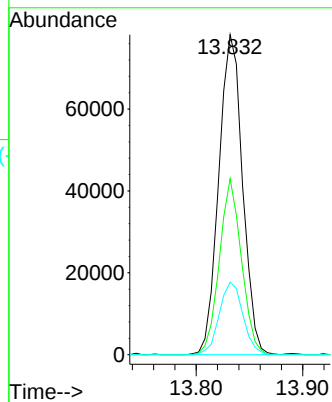
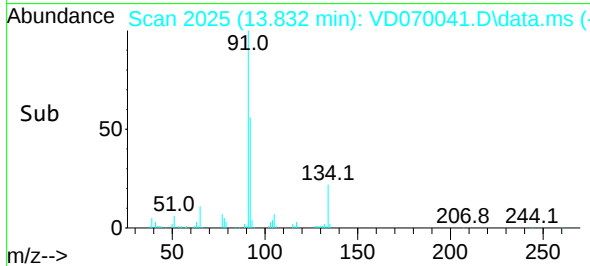
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#89
n-Butylbenzene
Concen: 4.523 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. 0.000 min
Lab File: VD070041.D
Acq: 13 Aug 2021 10:40



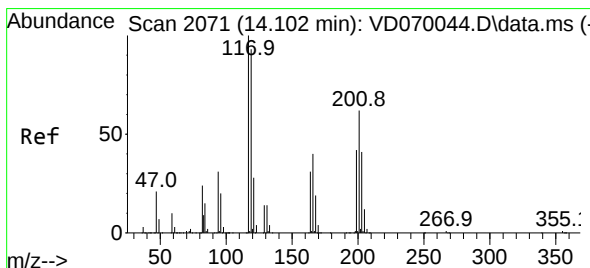
Tgt Ion: 91 Resp: 121001
Ion Ratio Lower Upper
91 100
92 51.0 27.1 81.3
134 22.6 11.8 35.3



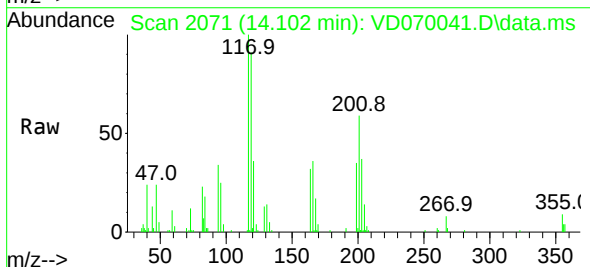
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Manual Integrations
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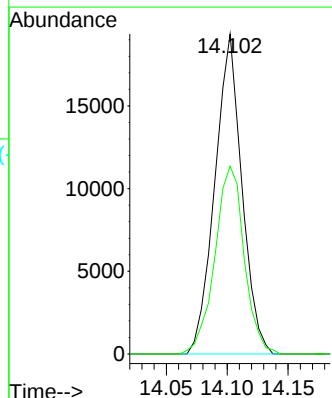
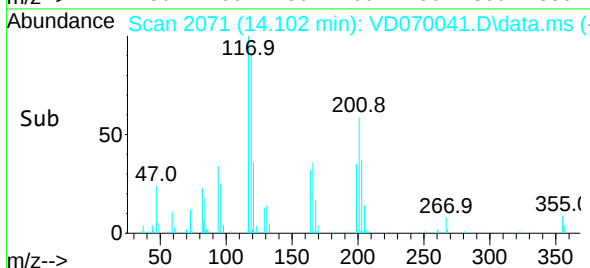
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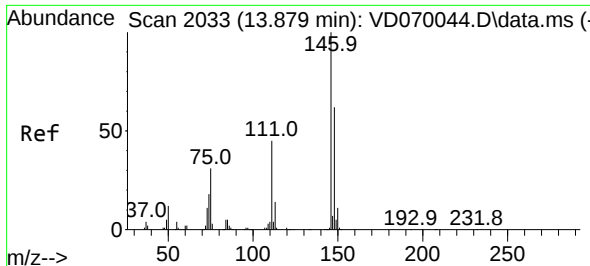


#90
Hexachloroethane
Concen: 5.177 ug/l
RT: 14.102 min Scan# 2071
Delta R.T. 0.000 min
Lab File: VD070041.D
Acq: 13 Aug 2021 10:40



Tgt Ion: 117 Resp: 29787
Ion Ratio Lower Upper
117 100
201 63.7 31.6 95.0





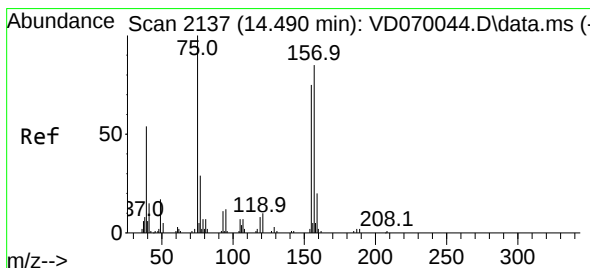
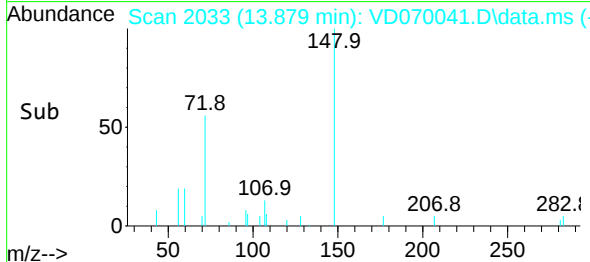
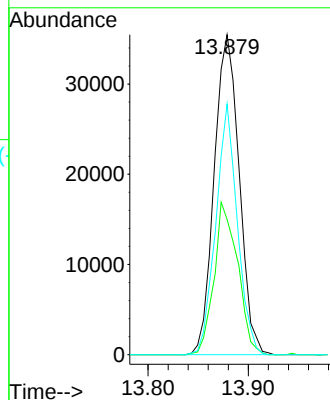
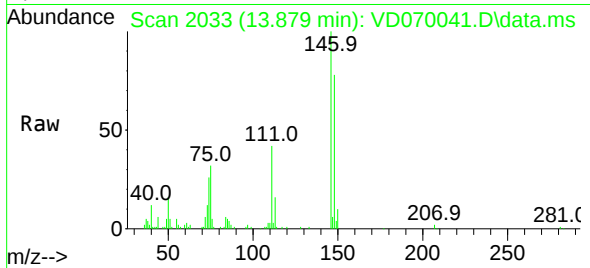
#91
1,2-Dichlorobenzene
Concen: 4.978 ug/l
RT: 13.879 min Scan# 2033
Delta R.T. 0.000 min
Lab File: VD070041.D
Acq: 13 Aug 2021 10:40

Tgt Ion:	146	Resp:	61229
Ion	Ratio	Lower	Upper
146	100		
111	44.9	22.4	67.2
148	67.7	31.8	95.4

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

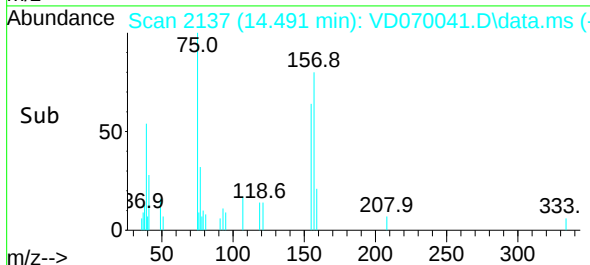
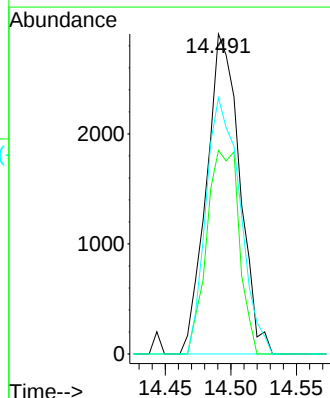
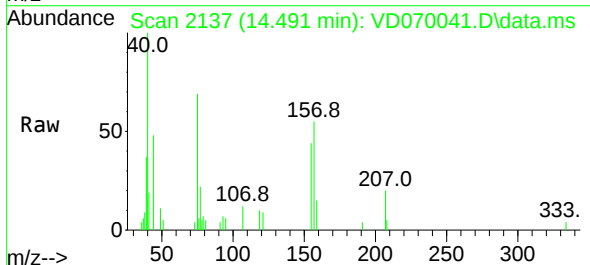
Manual Integrations
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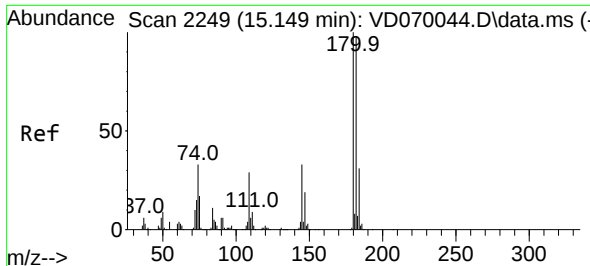
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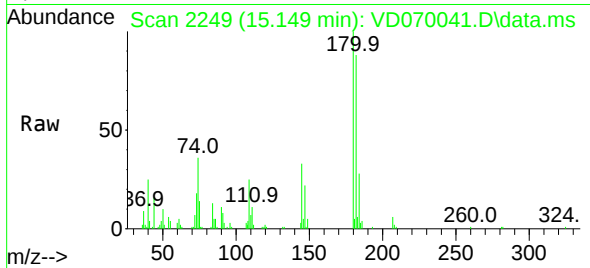
#92
1,2-Dibromo-3-Chloropropane
Concen: 5.658 ug/l
RT: 14.491 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VD070041.D
Acq: 13 Aug 2021 10:40

Tgt Ion:	75	Resp:	5133
Ion	Ratio	Lower	Upper
75	100		
155	61.8	35.3	105.9
157	81.8	46.8	140.3

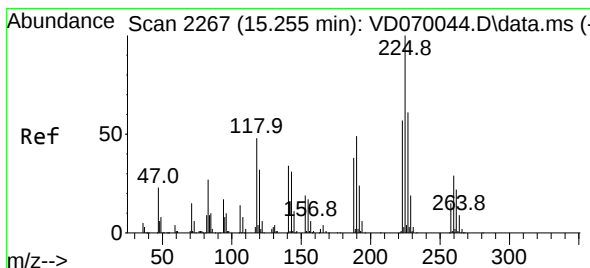
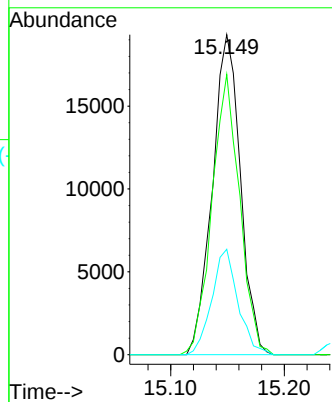
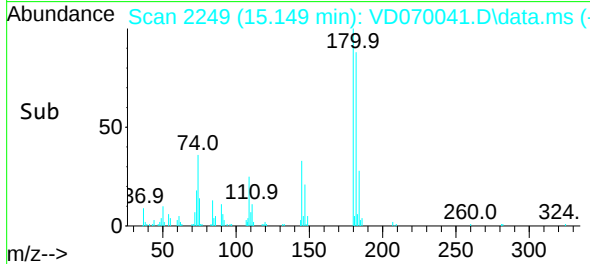




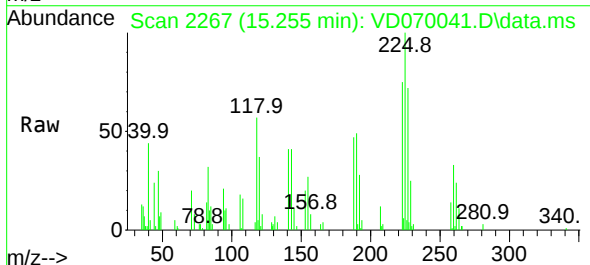
#93
1,2,4-Trichlorobenzene
Concen: 4.851 ug/l
RT: 15.149 min Scan# 2249
Delta R.T. 0.000 min
Lab File: VD070041.D
Acq: 13 Aug 2021 10:40



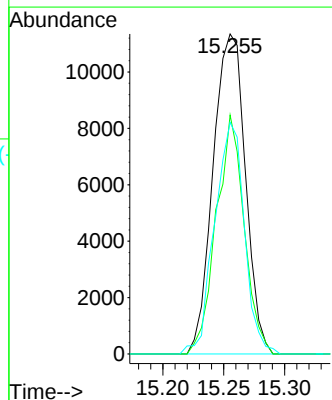
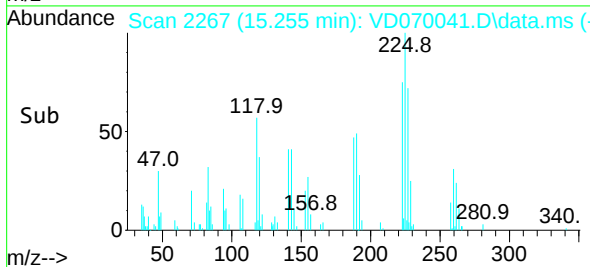
Tgt Ion:180 Resp: 33178
Ion Ratio Lower Upper
180 100
182 86.0 47.9 143.6
145 30.8 16.3 48.9



#94
Hexachlorobutadiene
Concen: 5.186 ug/l
RT: 15.255 min Scan# 2267
Delta R.T. 0.000 min
Lab File: VD070041.D
Acq: 13 Aug 2021 10:40



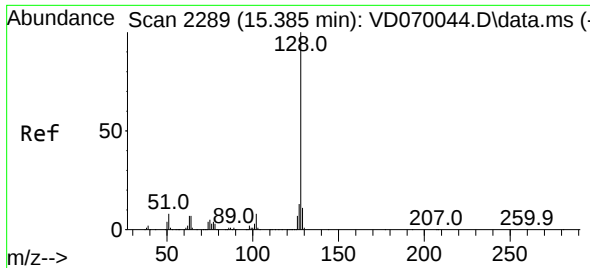
Tgt Ion:225 Resp: 20953
Ion Ratio Lower Upper
225 100
223 64.6 30.5 91.5
227 66.6 31.4 94.2



Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Manual Integrations
APPROVED

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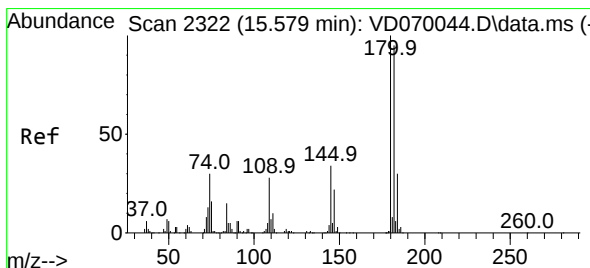
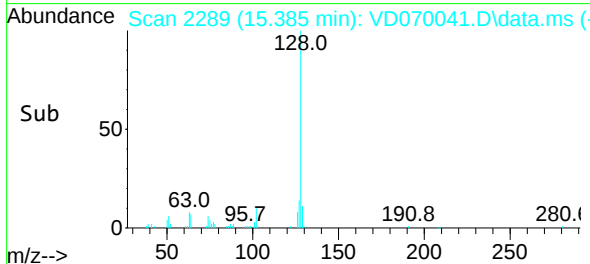
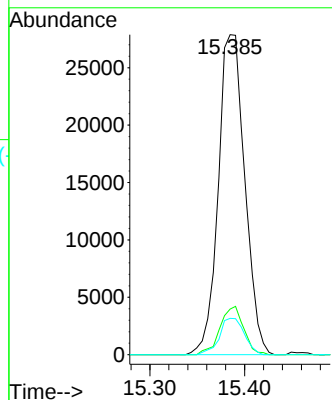
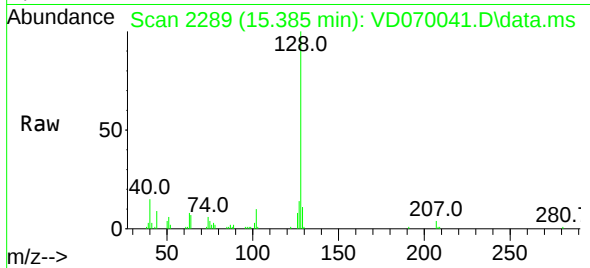
#95
Naphthalene
Concen: 4.362 ug/l
RT: 15.385 min Scan# 2289
Delta R.T. 0.000 min
Lab File: VD070041.D
Acq: 13 Aug 2021 10:40

Tgt Ion:	128	Resp:	54307
Ion Ratio	Lower	Upper	
128	100		
127	13.5	10.5	15.7
129	10.7	8.3	12.5

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 4.835 ug/l
RT: 15.579 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VD070041.D
Acq: 13 Aug 2021 10:40

Tgt Ion:	180	Resp:	28868
Ion Ratio	Lower	Upper	
180	100		
182	95.4	47.9	143.6
145	33.1	16.8	50.3

