

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012821\
 Data File : VU042204.D
 Acq On : 28 Jan 2021 14:27
 Operator : SY/MD
 Sample : VSTDIC002
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

Manual Integrations
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Quant Time: Jan 29 07:38:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U012821DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Jan 29 07:37:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.124	96	14165	1.00	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.642	95	5486	1.00	ug/l	0.00
Spiked Amount 1.000			Recovery	=	100.00%	
68) 1,2-Dichlorobenzene-d4	12.205	152	5607	1.03	ug/l	0.00
Spiked Amount 1.000			Recovery	=	103.00%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	11263	2.06	ug/l	97
3) Chloromethane	1.523	50	9967	1.98	ug/l	96
4) Vinyl Chloride	1.610	62	9757	2.06	ug/l	99
5) Bromomethane	1.864	94	4747	1.55	ug/l	91
6) Chloroethane	1.941	64	5580	2.04	ug/l	99
7) Trichlorofluoromethane	2.147	101	13785	2.06	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.591	101	7298	2.03	ug/l	97
9) 1,1-Dichloroethene	2.591	96	6710	2.07	ug/l	91
10) Iodomethane	2.732	142	9260	2.07	ug/l	97
11) Allyl Chloride	2.935	41	13515	2.13	ug/l	100
12) Acrylonitrile	3.327	53	3319	4.33	ug/l	99
13) Acetone	2.639	43	5766	10.69	ug/l	95
14) Carbon Disulfide	2.803	76	21421	2.00	ug/l	97
15) Methylene Chloride	3.057	84	7699	2.09	ug/l	98
16) trans-1,2-Dichloroethene	3.362	96	7065	2.05	ug/l	94
17) 1,1-Dichloroethane	3.880	63	13664	2.02	ug/l	99
18) 2-Butanone	4.732	43	10456	10.32	ug/l	98
19) Cyclohexane	5.391	56	13972m	2.26	ug/l	
20) Methylcyclohexane	6.771	83	14304	2.12	ug/l	98
21) 2,2-Dichloropropane	4.678	77	13367	2.00	ug/l	97
22) cis-1,2-Dichloroethene	4.678	96	7643	2.00	ug/l	98
23) Diethyl Ether	2.385	59	5495	2.06	ug/l	97
24) tert-Butyl Alcohol	3.218	59	3978	18.56	ug/l	100
25) Methyl tert-Butyl Ether	3.379	73	18893	2.00	ug/l	99
26) Bromochloromethane	4.989	128	3521	2.01	ug/l	97
27) Chloroform	5.102	83	13923	2.05	ug/l	100
28) 1,1,1-Trichloroethane	5.324	97	12530	1.96	ug/l	99
29) 1,1-Dichloropropene	5.533	75	11997	2.16	ug/l	99
30) Carbon Tetrachloride	5.530	117	12250	2.09	ug/l	96
31) Isopropyl Ether	4.015	45	26123	2.09	ug/l	98
32) Ethyl-t-butyl ether	4.523	59	23763	2.10	ug/l	98
33) Tert-Amyl methyl ether	5.964	73	21963	2.10	ug/l	98
34) Propionitrile	4.803	54	2982	11.54	ug/l	# 81
35) Benzene	5.784	78	31510	2.06	ug/l	99
36) 1,2-Dichloroethane	5.809	62	11441	2.11	ug/l	97
37) Trichloroethene	6.552	130	8746	2.12	ug/l	98
38) 1,2-Dichloropropane	6.803	63	8358	2.03	ug/l	97
39) Methacrylonitrile	4.996	41	3452m	2.16	ug/l	
40) Methyl acrylate	4.867	55	4529	2.10	ug/l	# 94
41) Tetrahydrofuran	5.079	42	2514m	3.18	ug/l	
42) 1-Chlorobutane	5.468	56	17337	2.08	ug/l	100
43) Dibromomethane	6.931	93	4610	2.10	ug/l	96
44) Bromodichloromethane	7.118	83	10925	1.98	ug/l	99

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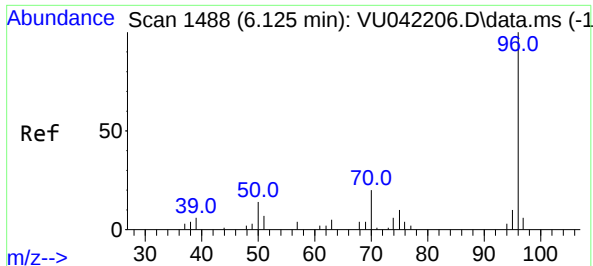
Manual Integrations
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.812	43	37650	10.99	ug/l	98
46) t-1,4-Dichloro-2-butene	10.844	75	4781m	3.95	ug/l	
47) Methyl methacrylate	6.976	69	8868	3.94	ug/l	95
48) Ethyl methacrylate	8.349	69	9844	2.14	ug/l	95
49) Toluene	7.980	92	19393	2.01	ug/l	97
50) t-1,3-Dichloropropene	8.221	75	11129	2.04	ug/l	96
51) cis-1,3-Dichloropropene	7.620	75	12234	1.98	ug/l	98
52) 1,1,2-Trichloroethane	8.410	97	6215	2.09	ug/l	96
53) 1,3-Dichloropropane	8.587	76	11402	2.11	ug/l	99
54) 2-Hexanone	8.703	43	27744	11.58	ug/l	98
55) Dibromochloromethane	8.822	129	7168	1.92	ug/l	99
56) 1,2-Dibromoethane	8.935	107	6292	2.07	ug/l	98
58) Tetrachloroethene	8.562	164	7584	1.91	ug/l	97
59) Chlorobenzene	9.455	112	21148	2.07	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.545	131	7955	2.00	ug/l	98
61) Pentachloroethane	11.439	117	6255	2.23	ug/l	99
62) Hexachloroethane	12.487	117	5945	1.97	ug/l	99
63) Ethyl Benzene	9.578	91	39004	2.11	ug/l	100
64) m/p-Xylenes	9.703	106	28757	4.19	ug/l	98
65) o-Xylene	10.108	106	14178	2.10	ug/l	100
66) Styrene	10.124	104	23665	2.08	ug/l	99
67) Bromoform	10.301	173	4524	1.87	ug/l #	97
69) Isopropylbenzene	10.494	105	38481	2.11	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.793	83	8139	2.18	ug/l	96
71) 1,2,3-Trichloropropane	10.841	75	6376m	2.14	ug/l	
72) Bromobenzene	10.793	156	9674	2.10	ug/l	100
73) n-propylbenzene	10.915	120	10458	2.21	ug/l	99
74) 2-Chlorotoluene	10.996	126	9162	2.15	ug/l	96
75) 1,3,5-Trimethylbenzene	11.098	105	33654	2.18	ug/l	99
76) 4-Chlorotoluene	11.105	126	9321	2.14	ug/l	99
77) tert-Butylbenzene	11.430	119	32897	2.14	ug/l	98
78) 1,2,4-Trimethylbenzene	11.478	105	33628	2.19	ug/l	98
79) sec-Butylbenzene	11.652	105	43052	2.21	ug/l	99
80) Nitrobenzene	13.221	77	996	9.19	ug/l #	87
81) p-Isopropyltoluene	11.803	119	36319	2.21	ug/l	98
82) 1,3-Dichlorobenzene	11.754	146	18306	2.16	ug/l	99
83) 1,4-Dichlorobenzene	11.844	146	18423	2.20	ug/l	99
84) n-Butylbenzene	12.217	91	34235	2.36	ug/l	100
85) 1,2-Dichlorobenzene	12.224	146	17711	2.16	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	13.008	75	1603	2.11	ug/l	98
87) 1,2,4-Trichlorobenzene	13.851	180	13808	2.49	ug/l	97
88) Hexachlorobutadiene	14.031	225	7624	2.31	ug/l	98
89) Naphthalene	14.098	128	25757	2.60	ug/l	99
90) 1,2,3-Trichlorobenzene	14.339	180	12342	2.35	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



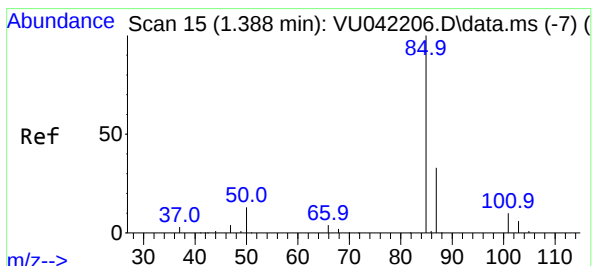
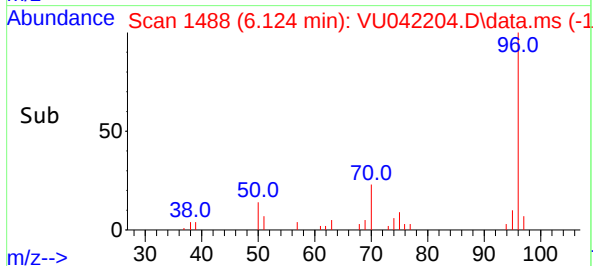
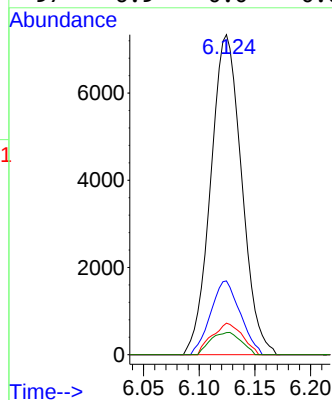
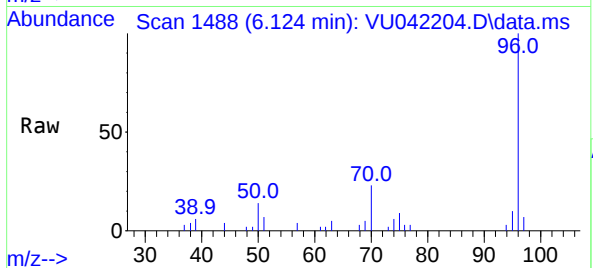
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Fluorobenzene
Concen: 1.00 ug/l
RT: 6.124 min Scan# 1488
Delta R.T. -0.001 min
Lab File: VU042204.D
Acq: 28 Jan 2021 14:27

Tgt Ion: 96	Resp: 14165
Ion Ratio	Lower Upper
96 100	
70 22.1	16.3 24.5
95 9.6	7.6 11.4
97 6.9	0.0 0.0#

Instrument :
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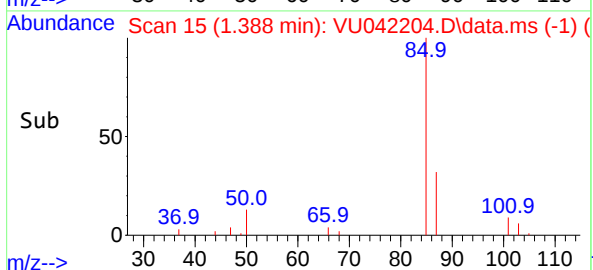
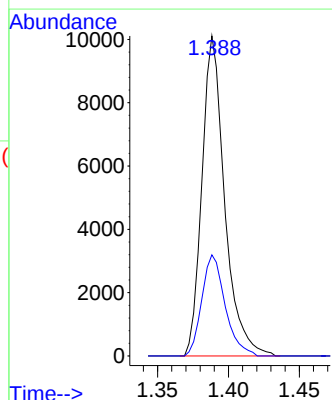
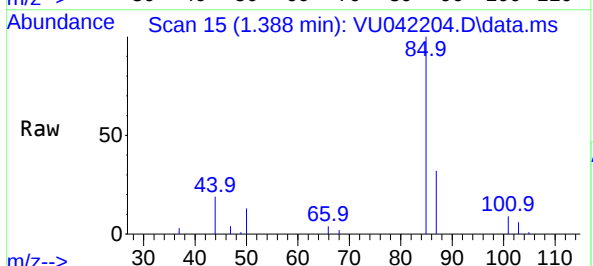
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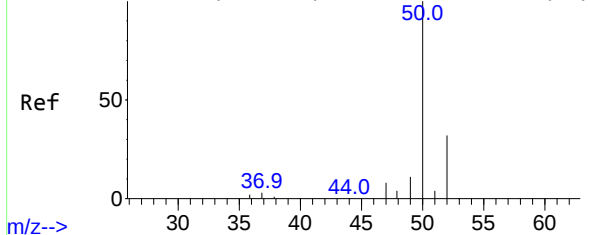


#2
Dichlorodifluoromethane
Concen: 2.06 ug/l
RT: 1.388 min Scan# 15
Delta R.T. -0.000 min
Lab File: VU042204.D
Acq: 28 Jan 2021 14:27

Tgt Ion: 85	Resp: 11263
Ion Ratio	Lower Upper
85 100	
87 31.6	16.7 50.1

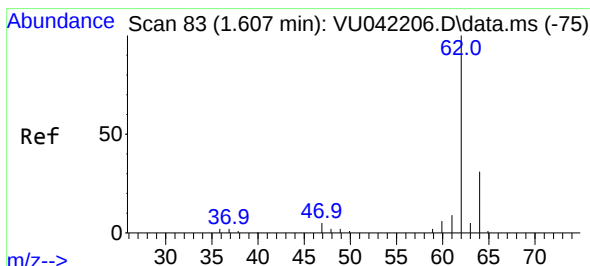
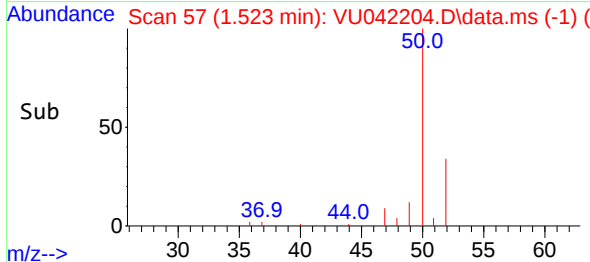
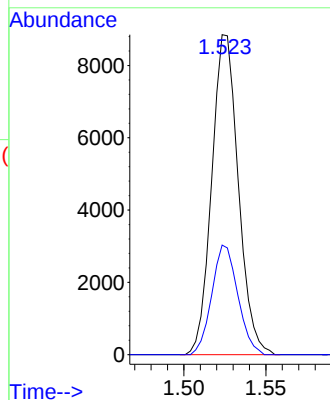
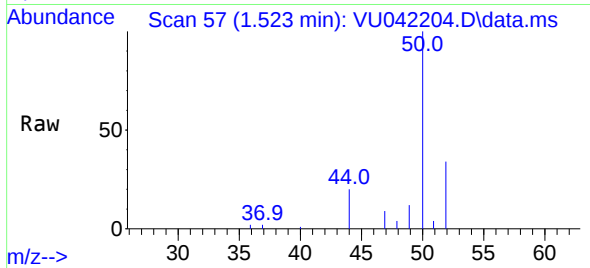


Abundance Scan 57 (1.523 min): VU042206.D\data.ms (-49)



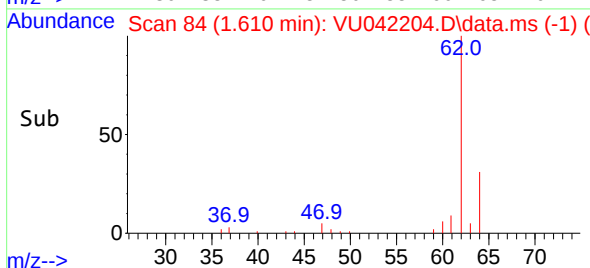
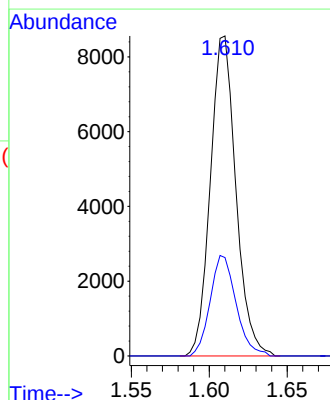
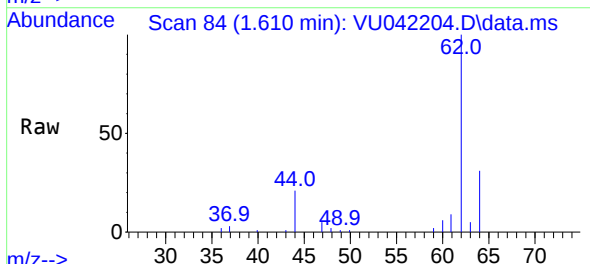
#3
Chloromethane
Concen: 1.98 ug/l
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU042204.D
Acq: 28 Jan 2021 14:27

Tgt Ion: 50 Resp: 9967
Ion Ratio Lower Upper
50 100
52 34.2 25.6 38.4



#4
Vinyl Chloride
Concen: 2.06 ug/l
RT: 1.610 min Scan# 84
Delta R.T. 0.003 min
Lab File: VU042204.D
Acq: 28 Jan 2021 14:27

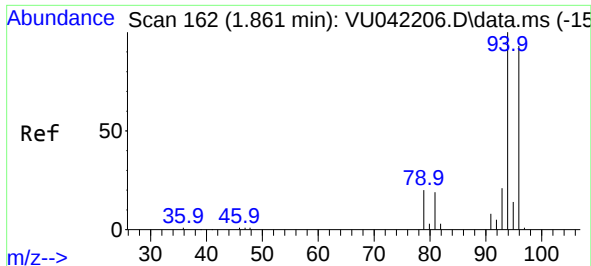
Tgt Ion: 62 Resp: 9757
Ion Ratio Lower Upper
62 100
64 30.8 25.1 37.7



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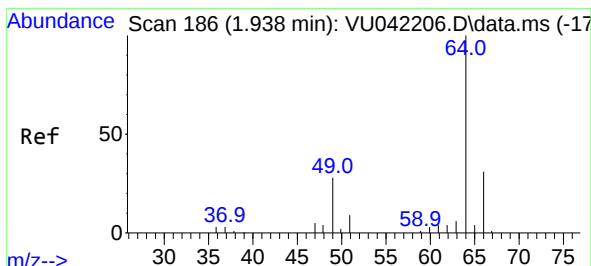
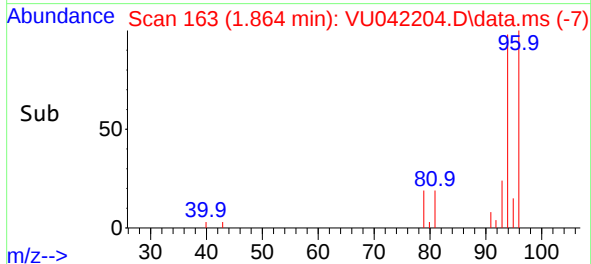
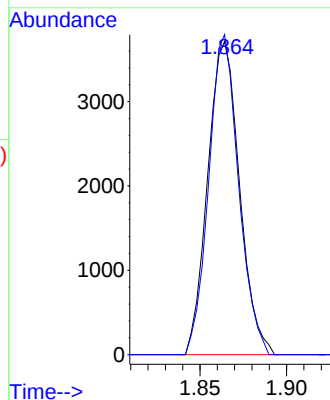
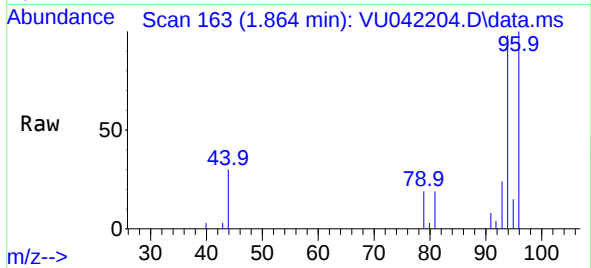
#5
Bromomethane
Concen: 1.55 ug/l
RT: 1.864 min Scan# 163
Delta R.T. 0.003 min
Lab File: VU042204.D
Acq: 28 Jan 2021 14:27

Tgt Ion: 94 Resp: 4747
Ion Ratio Lower Upper
94 100
96 102.2 74.7 112.1

Instrument :
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ClientSampleId :
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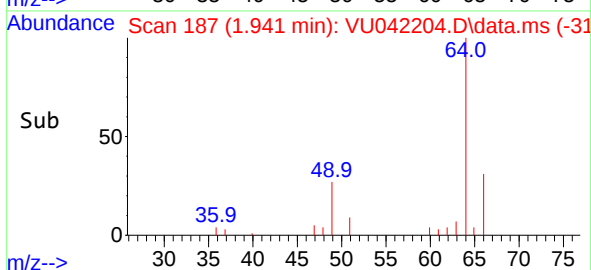
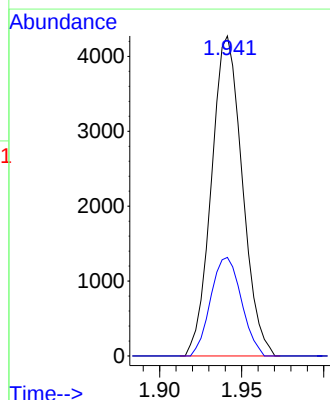
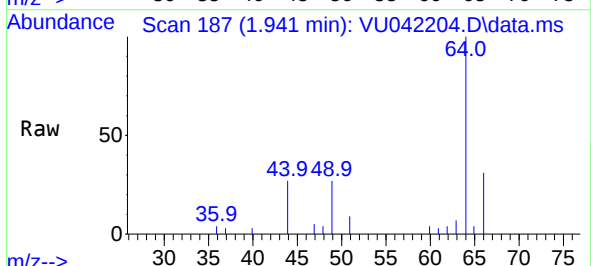
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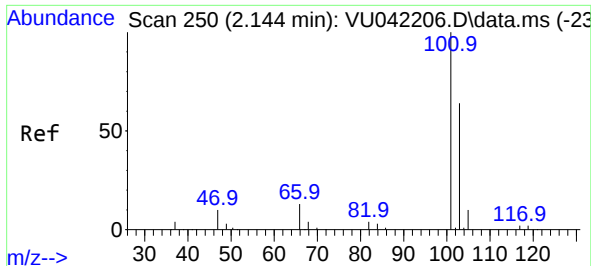
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#6
Chloroethane
Concen: 2.04 ug/l
RT: 1.941 min Scan# 187
Delta R.T. 0.003 min
Lab File: VU042204.D
Acq: 28 Jan 2021 14:27

Tgt Ion: 64 Resp: 5580
Ion Ratio Lower Upper
64 100
66 30.8 25.0 37.4





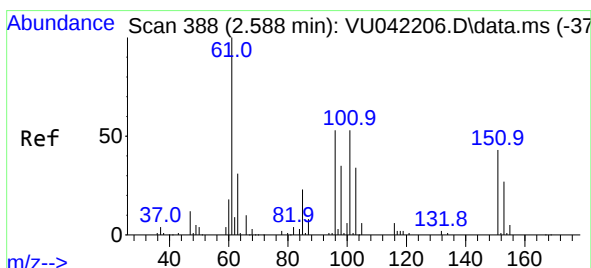
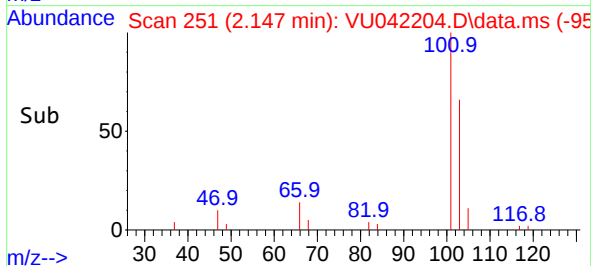
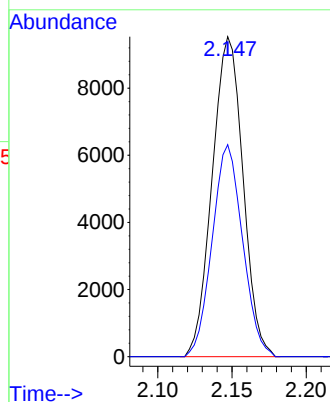
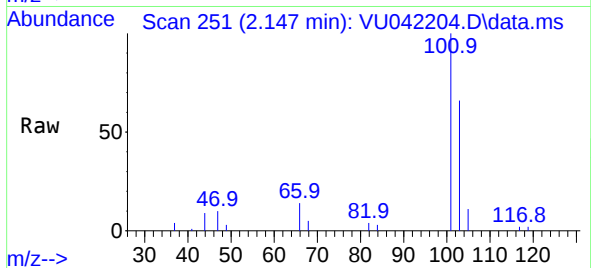
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Trichlorofluoromethane
Concen: 2.06 ug/l
RT: 2.147 min Scan# 251
Delta R.T. 0.003 min
Lab File: VU042204.D
Acq: 28 Jan 2021 14:27

Tgt Ion:101 Resp: 13785
Ion Ratio Lower Upper
101 100
103 66.3 51.5 77.3

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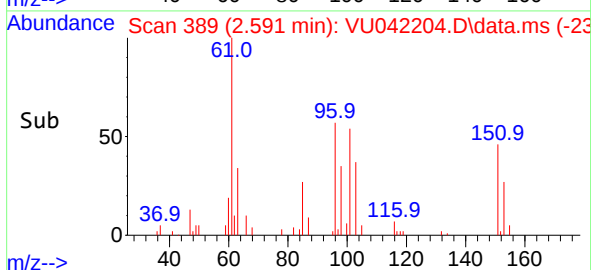
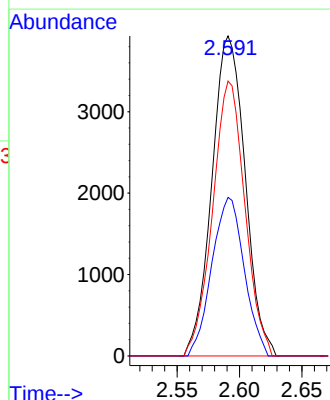
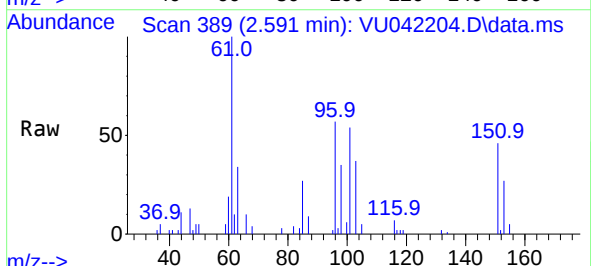
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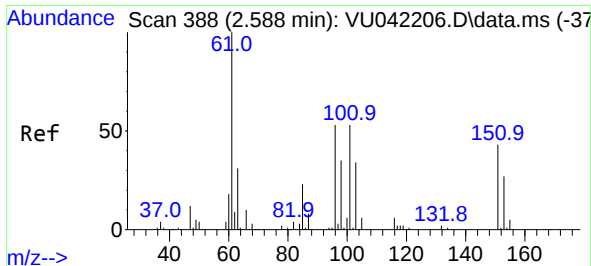
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#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.03 ug/l
RT: 2.591 min Scan# 389
Delta R.T. 0.003 min
Lab File: VU042204.D
Acq: 28 Jan 2021 14:27

Tgt Ion:101 Resp: 7298
Ion Ratio Lower Upper
101 100
85 48.2 36.1 54.1
151 83.3 64.6 97.0





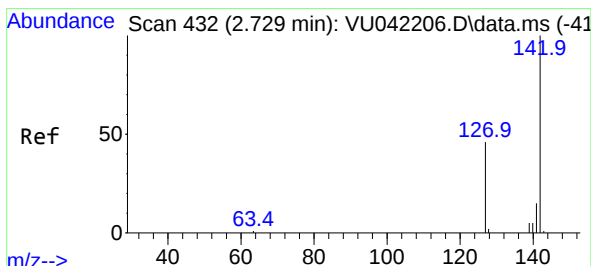
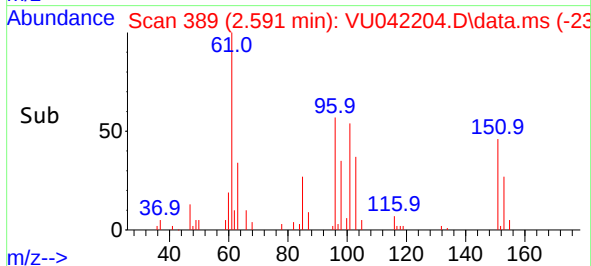
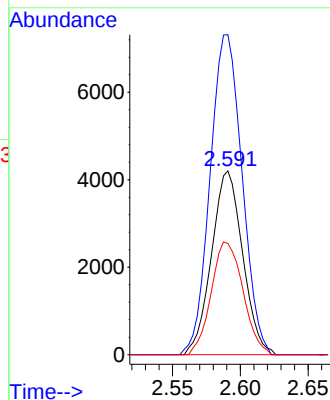
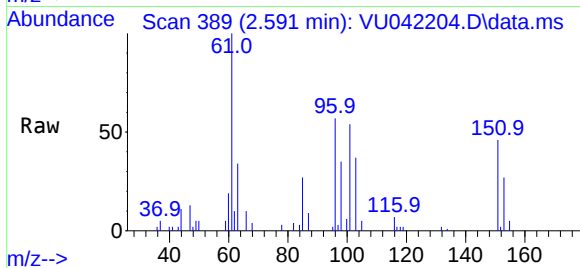
#9
1,1-Dichloroethene
Concen: 2.07 ug/l
RT: 2.591 min Scan# 389
Delta R.T. 0.003 min
Lab File: VU042204.D
Acq: 28 Jan 2021 14:27

Tgt Ion:	96	Resp:	6710
Ion	Ratio	Lower	Upper
96	100		
61	174.0	0.0	565.8
98	60.5	0.0	131.2

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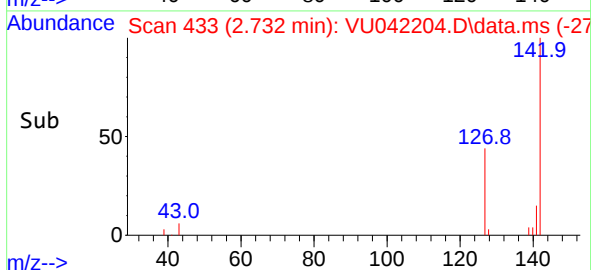
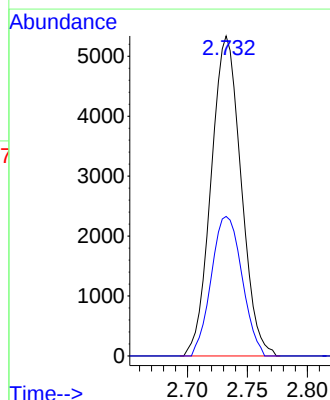
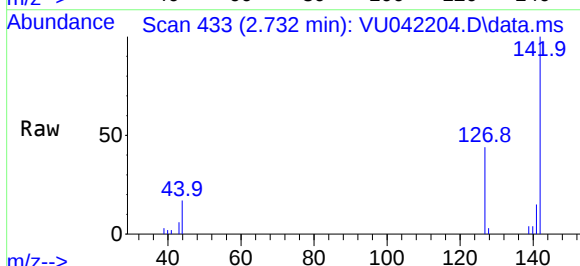
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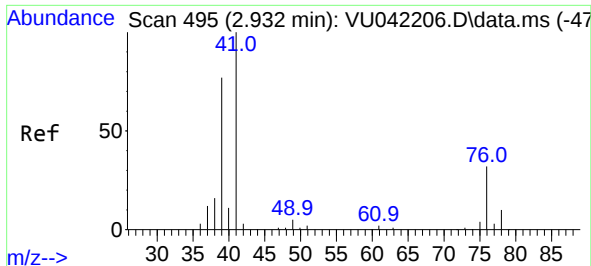
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#10
Iodomethane
Concen: 2.07 ug/l
RT: 2.732 min Scan# 433
Delta R.T. 0.003 min
Lab File: VU042204.D
Acq: 28 Jan 2021 14:27

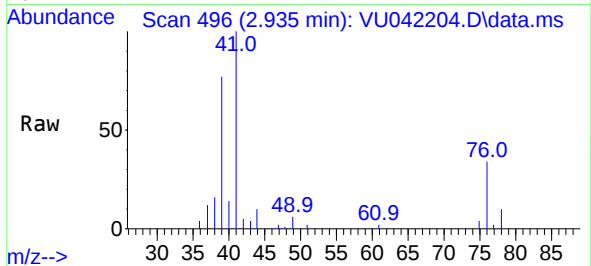
Tgt Ion:	142	Resp:	9260
Ion	Ratio	Lower	Upper
142	100		
127	44.7	37.1	55.7





#11
Allyl Chloride
Concen: 2.13 ug/l
RT: 2.935 min Scan# 496
Delta R.T. 0.003 min
Lab File: VU042204.D
Acq: 28 Jan 2021 14:27

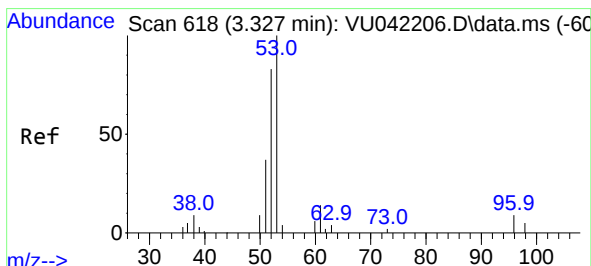
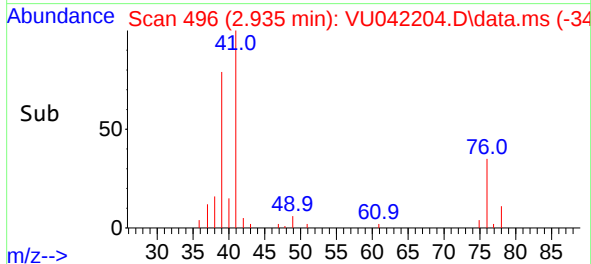
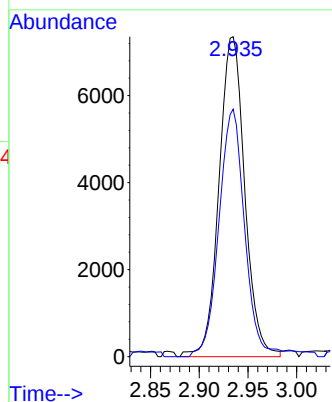
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002



Tgt Ion: 41 Resp: 13515
Ion Ratio Lower Upper
41 100
39 77.2 61.8 92.6

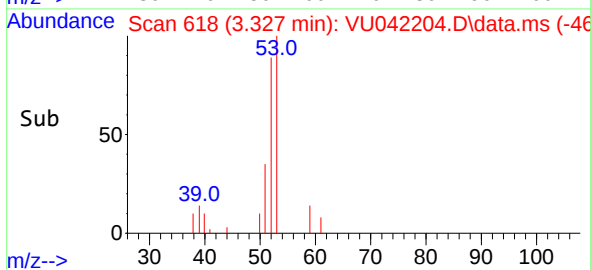
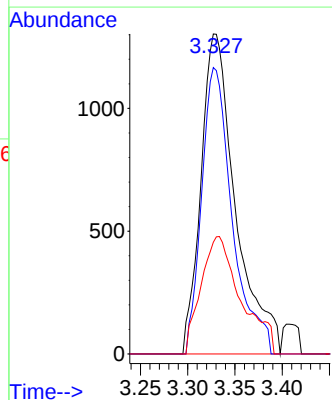
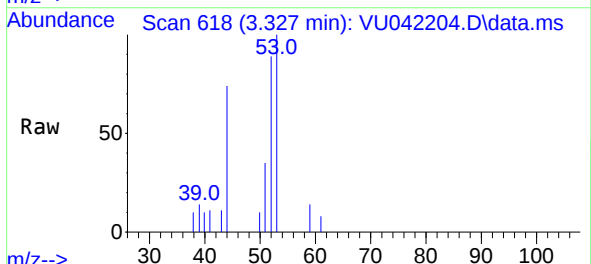
Manual Integrations
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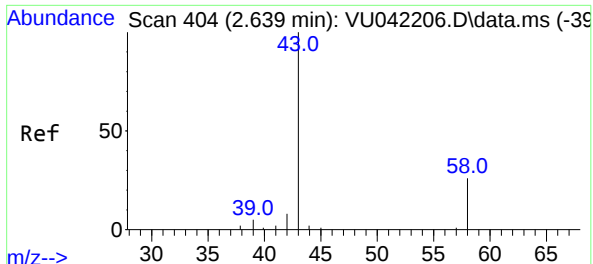
SAM
2/3/2021 5:10:12 PM



#12
Acrylonitrile
Concen: 4.33 ug/l
RT: 3.327 min Scan# 618
Delta R.T. -0.000 min
Lab File: VU042204.D
Acq: 28 Jan 2021 14:27

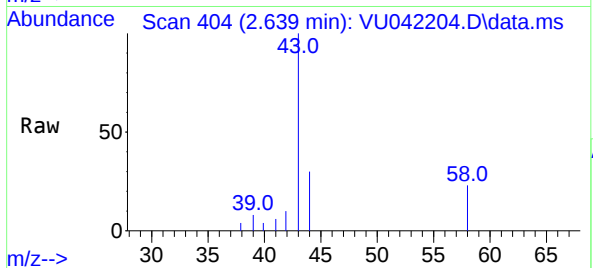
Tgt Ion: 53 Resp: 3319
Ion Ratio Lower Upper
53 100
52 79.4 63.7 95.5
51 42.3 32.7 49.1





#13
Acetone
Concen: 10.69 ug/l
RT: 2.639 min Scan# 404
Delta R.T. -0.000 min
Lab File: VU042204.D
Acq: 28 Jan 2021 14:27

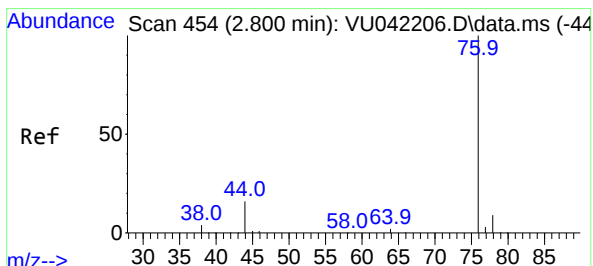
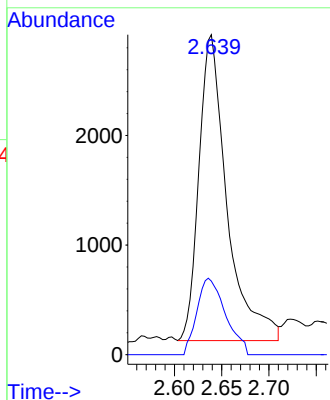
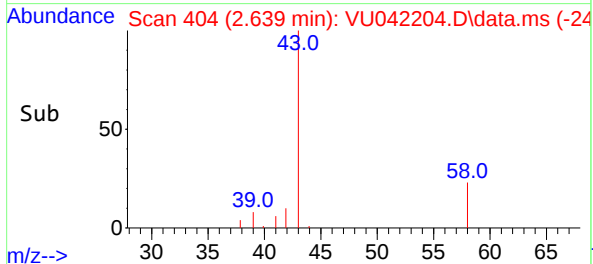
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002



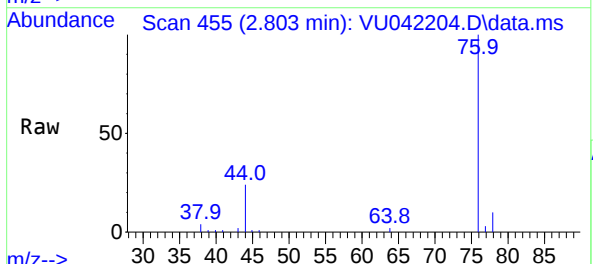
Tgt Ion: 43 Resp: 5766
Ion Ratio Lower Upper
43 100
58 24.0 21.2 31.8

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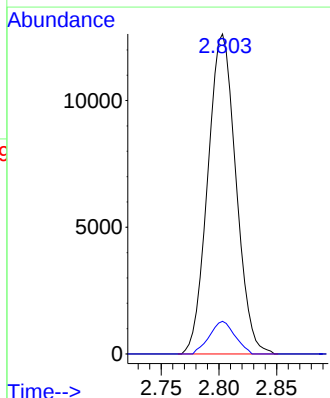
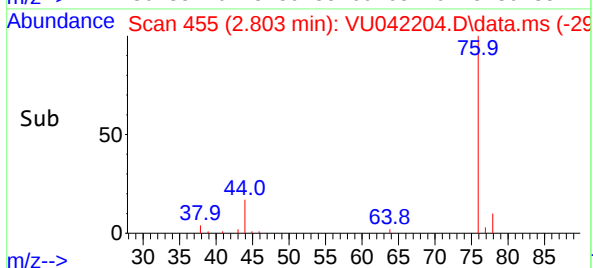
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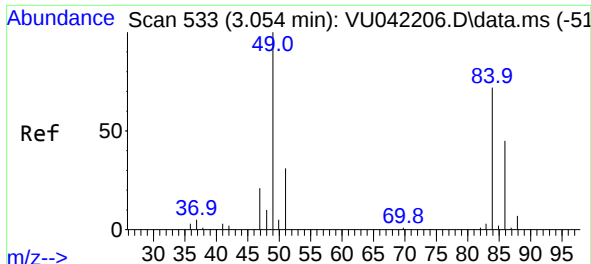


#14
Carbon Disulfide
Concen: 2.00 ug/l
RT: 2.803 min Scan# 455
Delta R.T. 0.003 min
Lab File: VU042204.D
Acq: 28 Jan 2021 14:27



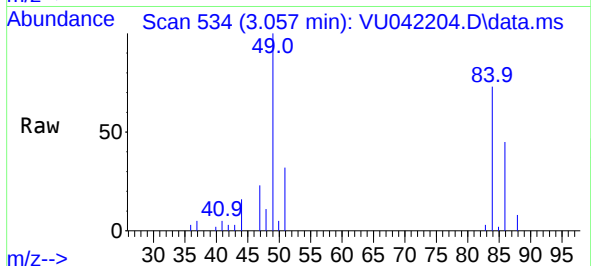
Tgt Ion: 76 Resp: 21421
Ion Ratio Lower Upper
76 100
78 10.2 7.4 11.0





#15
Methylene Chloride
Concen: 2.09 ug/l
RT: 3.057 min Scan# 534
Delta R.T. 0.003 min
Lab File: VU042204.D
Acq: 28 Jan 2021 14:27

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

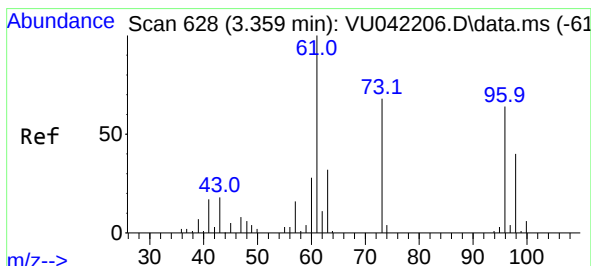
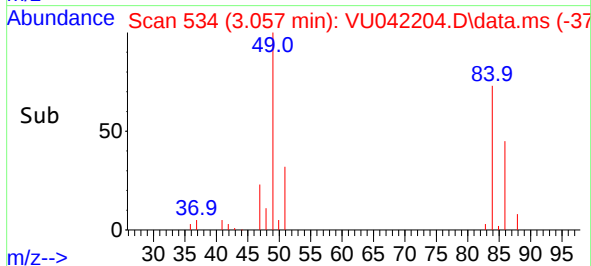
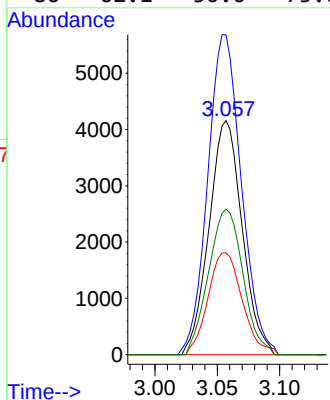


Tgt Ion: 84 Resp: 7699

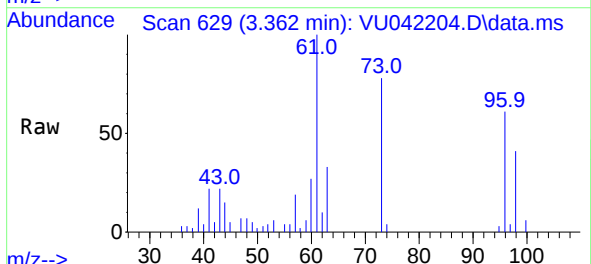
Ion	Ratio	Lower	Upper
84	100		
49	136.7	111.8	167.6
51	43.5	0.0	85.4
86	62.1	50.0	75.0

Manual Integrations
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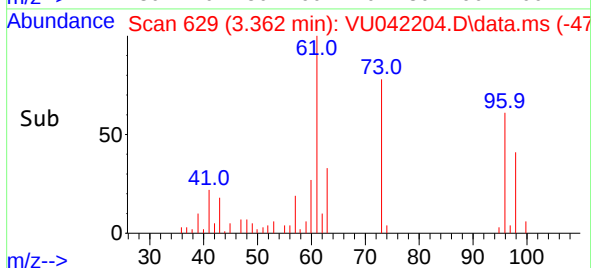
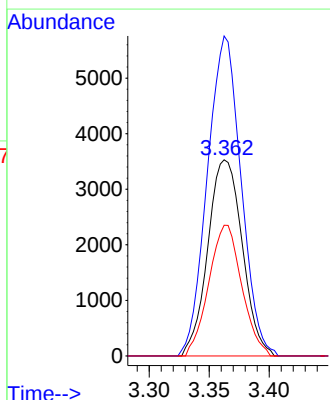


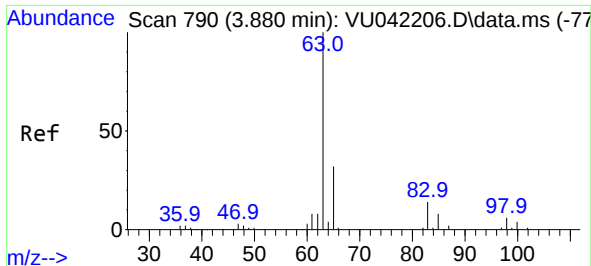
#16
trans-1,2-Dichloroethene
Concen: 2.05 ug/l
RT: 3.362 min Scan# 629
Delta R.T. 0.003 min
Lab File: VU042204.D
Acq: 28 Jan 2021 14:27



Tgt Ion: 96 Resp: 7065

Ion	Ratio	Lower	Upper
96	100		
61	163.1	124.2	186.4
98	66.6	49.7	74.5





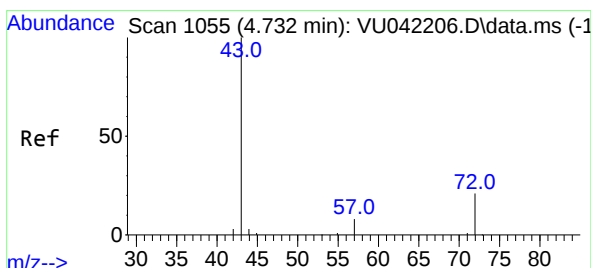
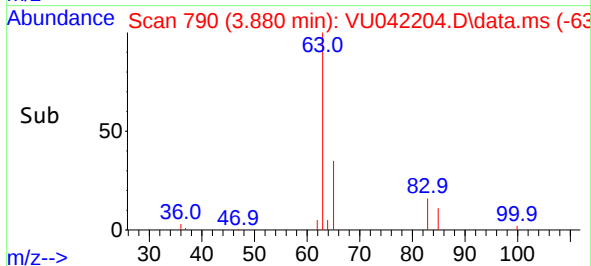
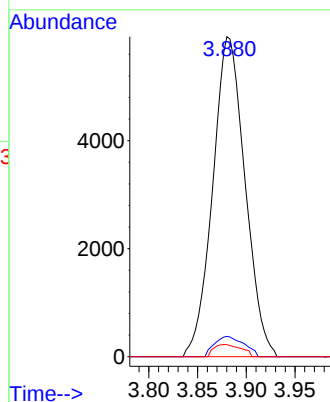
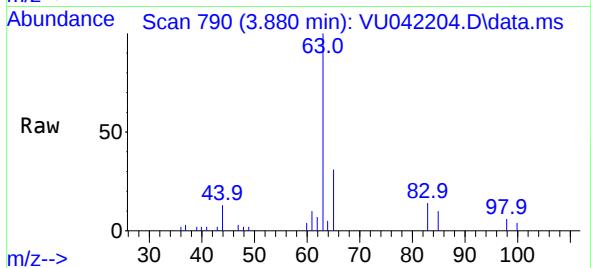
#17
1,1-Dichloroethane
Concen: 2.02 ug/l
RT: 3.880 min Scan# 790
Delta R.T. -0.000 min
Lab File: VU042204.D
Acq: 28 Jan 2021 14:27

Tgt Ion:	63	Resp:	13664
Ion Ratio	Lower	Upper	
63	100		
98	6.3	3.0	9.0
100	3.7	2.1	6.2

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

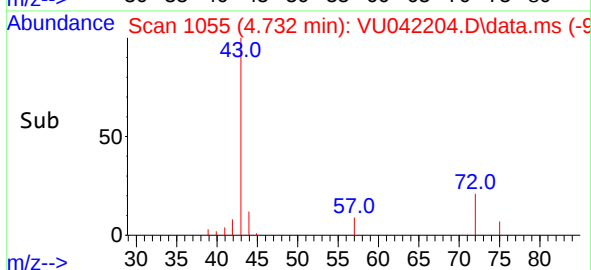
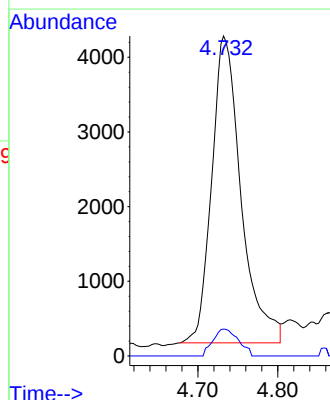
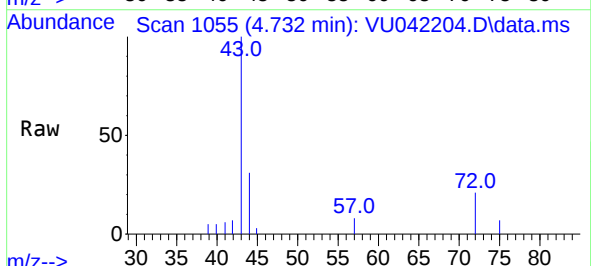
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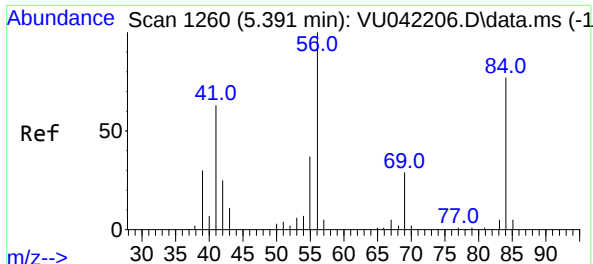
SAM
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#18
2-Butanone
Concen: 10.32 ug/l
RT: 4.732 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VU042204.D
Acq: 28 Jan 2021 14:27

Tgt Ion:	43	Resp:	10456
Ion Ratio	Lower	Upper	
43	100		
57	8.7	0.0	16.4





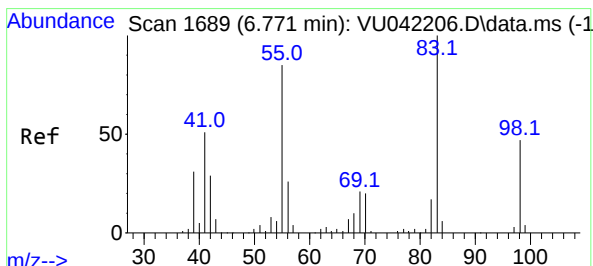
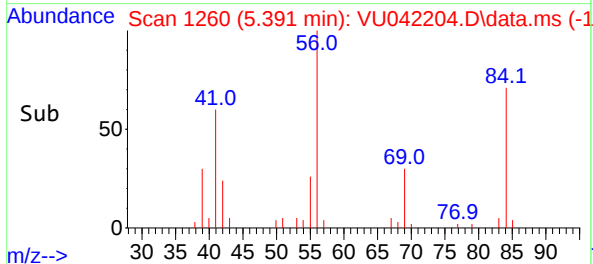
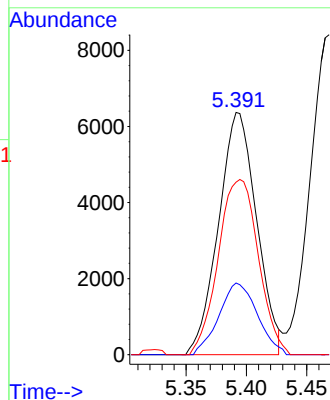
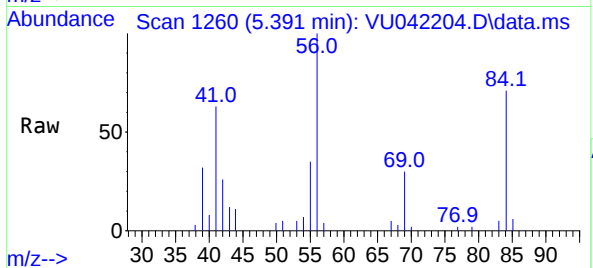
#19
Cyclohexane
Concen: 2.26 ug/l m
RT: 5.391 min Scan# 1260
Delta R.T. -0.000 min
Lab File: VU042204.D
Acq: 28 Jan 2021 14:27

Tgt Ion:	56	Resp:	13972
Ion Ratio	Lower	Upper	
56	100		
69	29.9	23.4	35.2
84	76.3	62.0	93.0

Instrument :
MSVOA_U
ClientSampleId :
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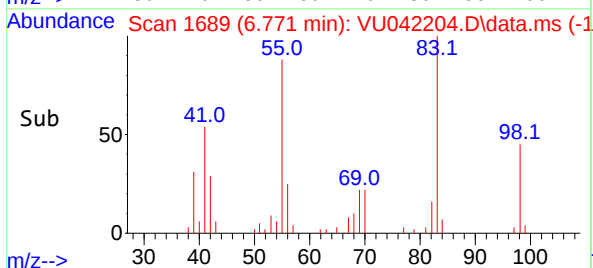
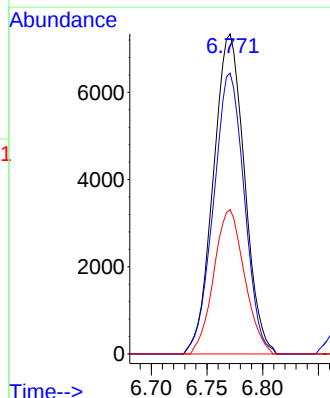
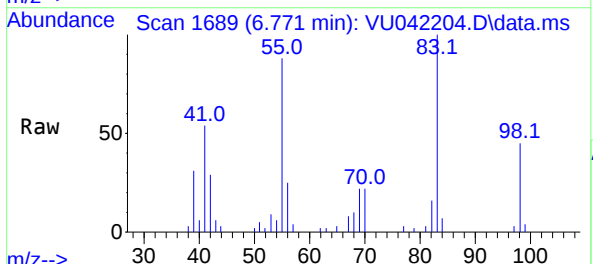
Manual Integrations
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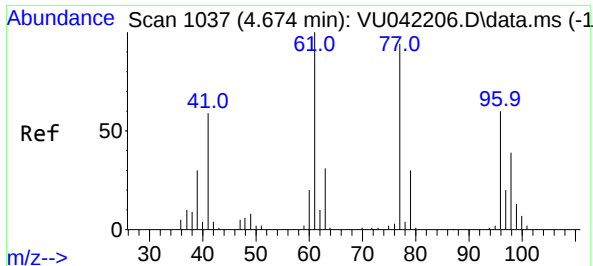
SAM
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#20
Methylcyclohexane
Concen: 2.12 ug/l
RT: 6.771 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VU042204.D
Acq: 28 Jan 2021 14:27

Tgt Ion:	83	Resp:	14304
Ion Ratio	Lower	Upper	
83	100		
55	86.8	68.4	102.6
98	44.5	36.6	55.0





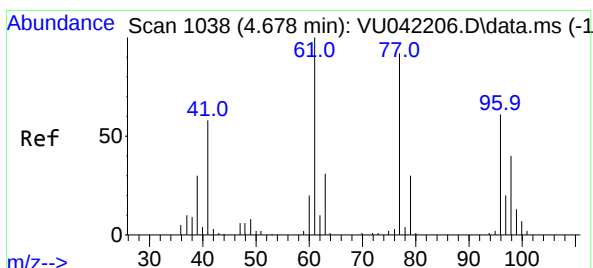
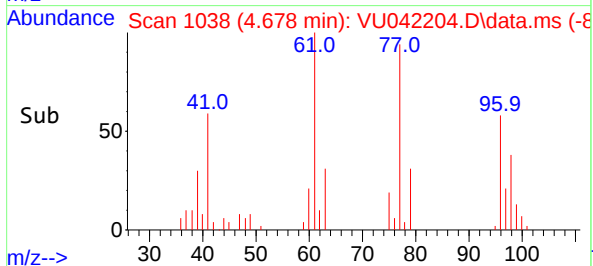
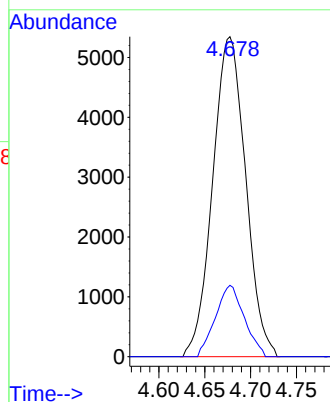
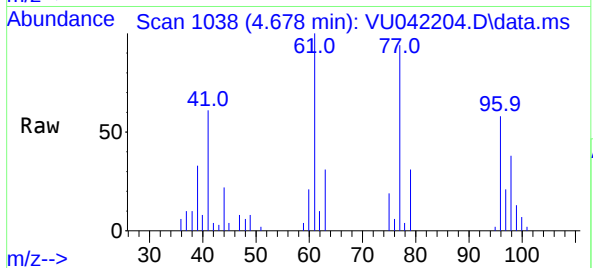
#21
2,2-Dichloropropane
Concen: 2.00 ug/l
RT: 4.678 min Scan# 1038
Delta R.T. 0.003 min
Lab File: VU042204.D
Acq: 28 Jan 2021 14:27

Tgt Ion: 77 Resp: 13367
Ion Ratio Lower Upper
77 100
97 19.5 16.9 25.3

Instrument :
MSVOA_U
ClientSampled :
VSTDIC002

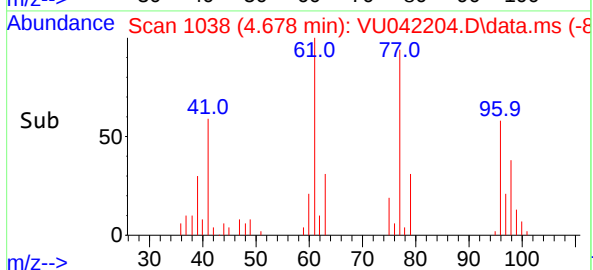
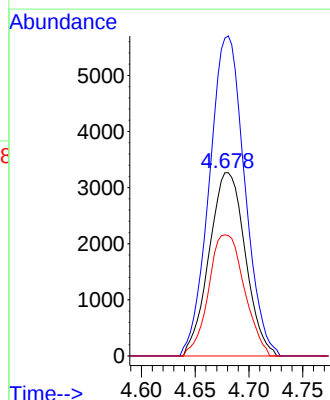
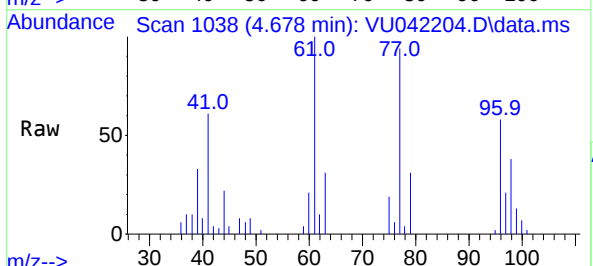
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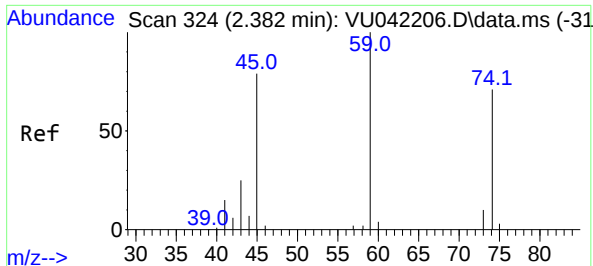
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#22
cis-1,2-Dichloroethene
Concen: 2.00 ug/l
RT: 4.678 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VU042204.D
Acq: 28 Jan 2021 14:27

Tgt Ion: 96 Resp: 7643
Ion Ratio Lower Upper
96 100
61 170.5 0.0 416.2
98 65.2 32.7 98.1





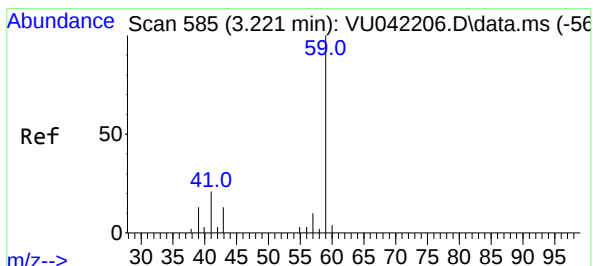
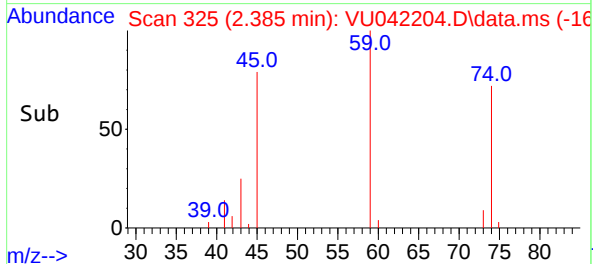
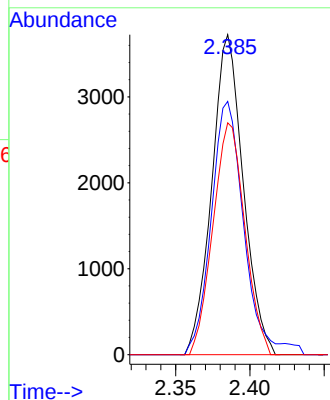
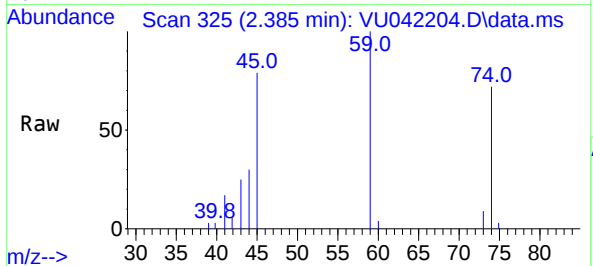
#23
Diethyl Ether
Concen: 2.06 ug/l
RT: 2.385 min Scan# 325
Delta R.T. 0.003 min
Lab File: VU042204.D
Acq: 28 Jan 2021 14:27

Tgt Ion: 59	Resp: 5495
Ion Ratio	Lower Upper
59 100	
45 82.3	63.8 95.8
74 73.0	56.3 84.5

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

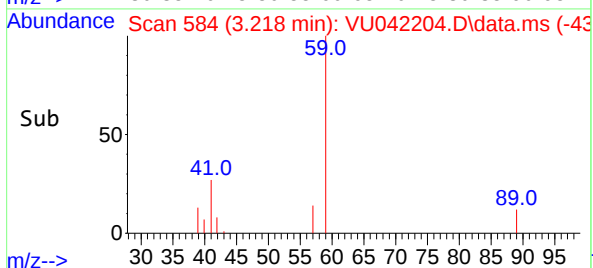
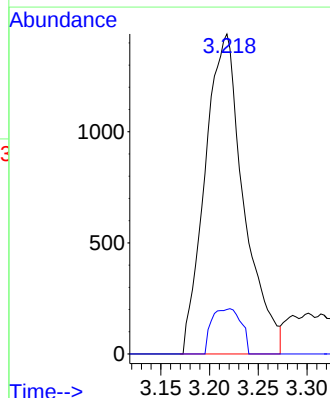
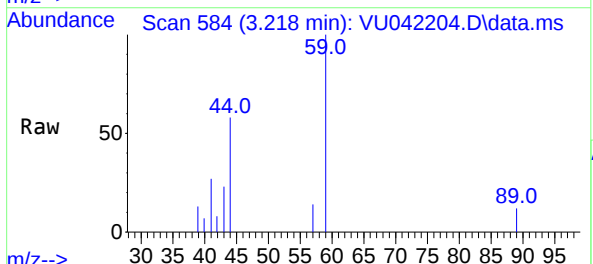
Manual Integrations
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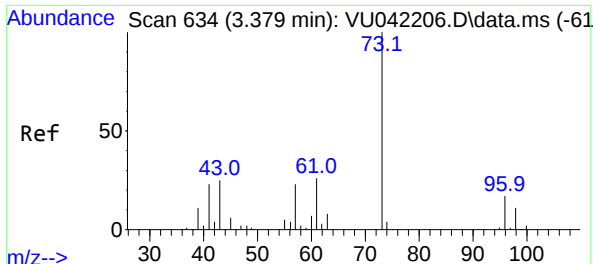
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#24
tert-Butyl Alcohol
Concen: 18.56 ug/l
RT: 3.218 min Scan# 584
Delta R.T. -0.003 min
Lab File: VU042204.D
Acq: 28 Jan 2021 14:27

Tgt Ion: 59	Resp: 3978		
Ion Ratio	Lower	Upper	
59 100			
57 10.7	8.4	12.6	





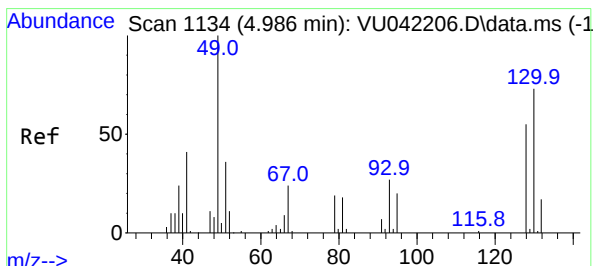
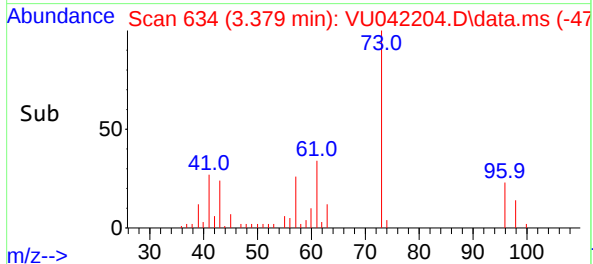
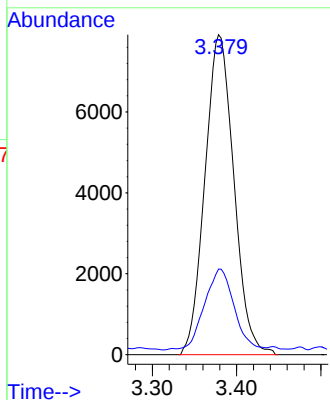
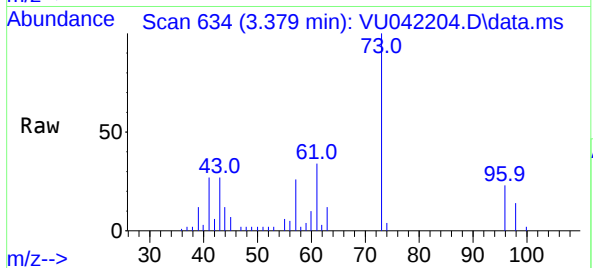
#25
Methyl tert-Butyl Ether
Concen: 2.00 ug/l
RT: 3.379 min Scan# 634
Delta R.T. -0.000 min
Lab File: VU042204.D
Acq: 28 Jan 2021 14:27

Tgt Ion: 73 Resp: 18893
Ion Ratio Lower Upper
73 100
43 24.8 20.3 30.5

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

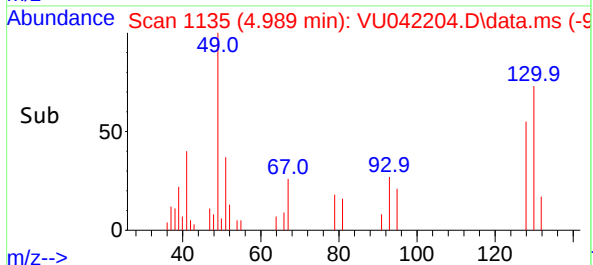
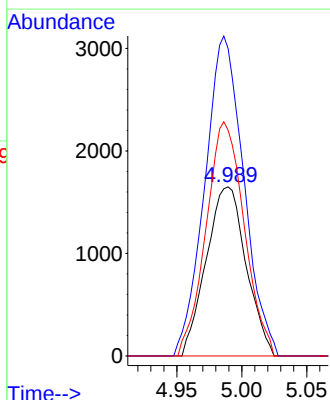
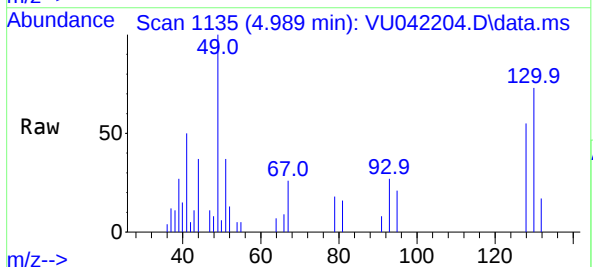
Manual Integrations
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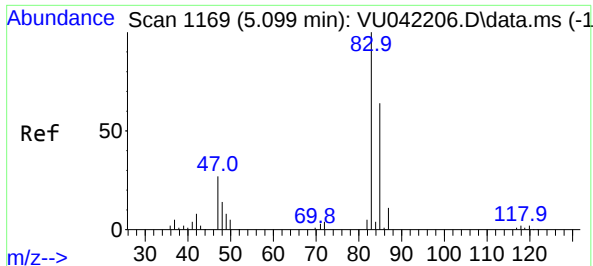
SAM
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#26
Bromochloromethane
Concen: 2.01 ug/l
RT: 4.989 min Scan# 1135
Delta R.T. 0.003 min
Lab File: VU042204.D
Acq: 28 Jan 2021 14:27

Tgt Ion: 128 Resp: 3521
Ion Ratio Lower Upper
128 100
49 184.7 0.0 360.6
130 132.7 103.7 155.5





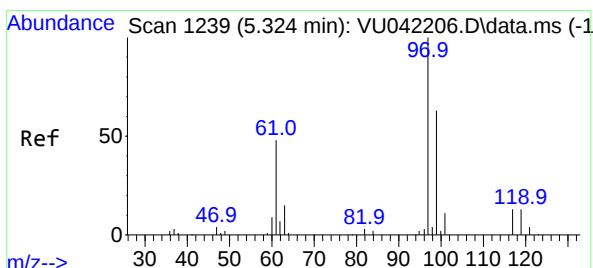
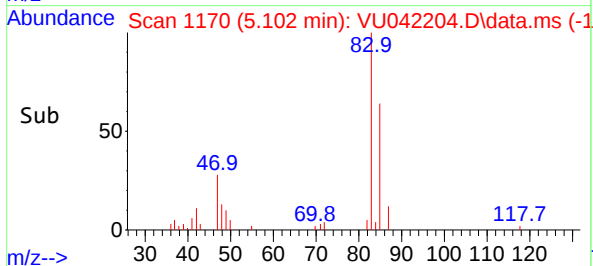
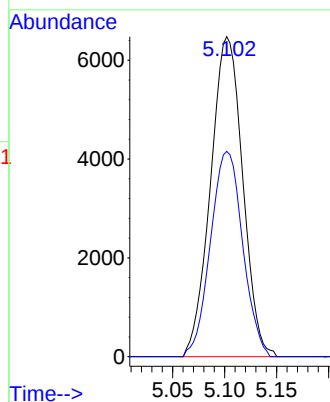
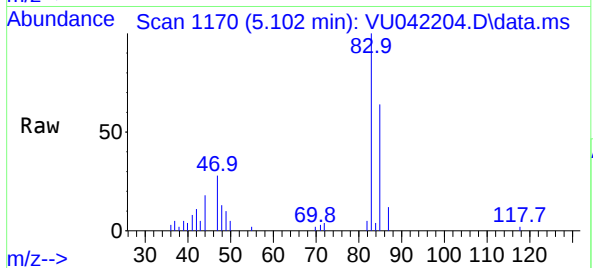
#27
Chloroform
Concen: 2.05 ug/l
RT: 5.102 min Scan# 1170
Delta R.T. 0.003 min
Lab File: VU042204.D
Acq: 28 Jan 2021 14:27

Tgt Ion: 83 Resp: 13923
Ion Ratio Lower Upper
83 100
85 64.2 0.0 128.0

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

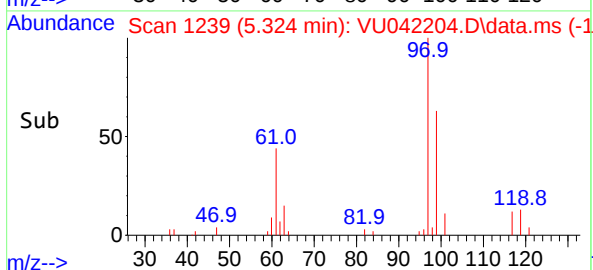
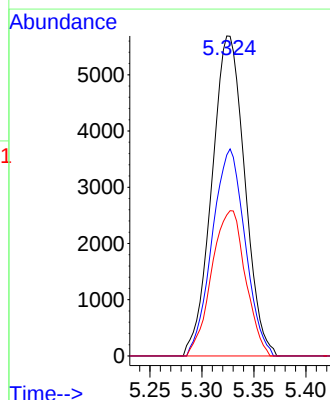
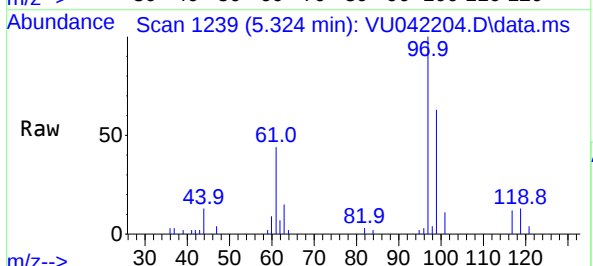
Manual Integrations
APPROVED

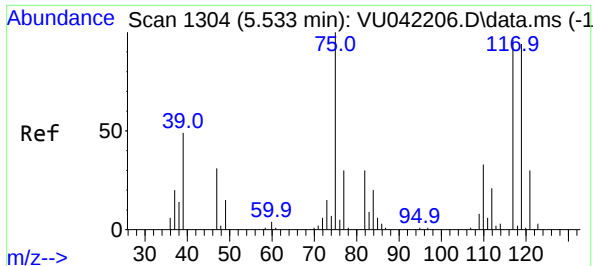
SAM
2/3/2021 5:10:12 PM



#28
1,1,1-Trichloroethane
Concen: 1.96 ug/l
RT: 5.324 min Scan# 1239
Delta R.T. -0.000 min
Lab File: VU042204.D
Acq: 28 Jan 2021 14:27

Tgt Ion: 97 Resp: 12530
Ion Ratio Lower Upper
97 100
99 64.8 31.9 95.7
61 46.6 23.3 69.8





#29

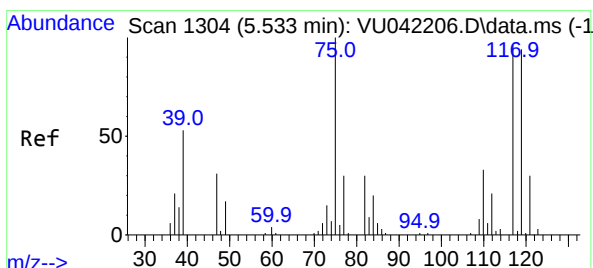
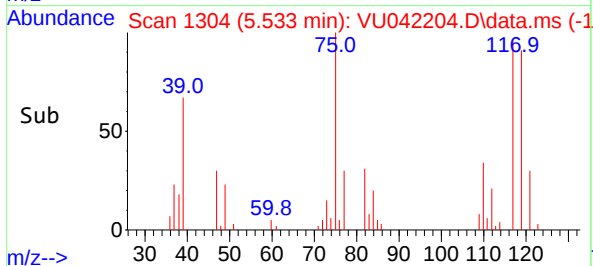
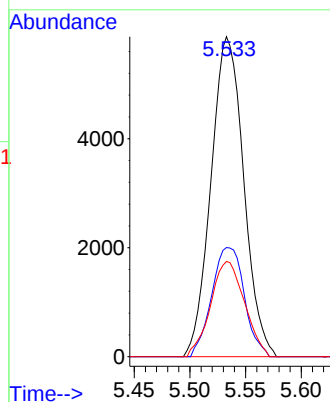
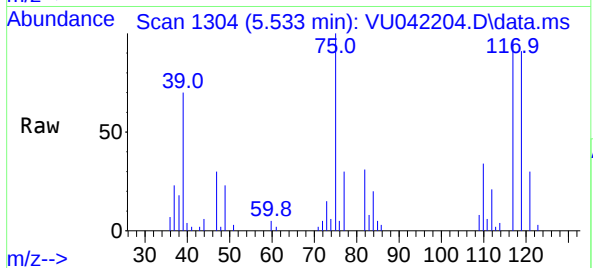
1,1-Dichloropropene
Concen: 2.16 ug/l
RT: 5.533 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VU042204.D
Acq: 28 Jan 2021 14:27

Tgt Ion:	75	Resp:	11997
Ion	Ratio	Lower	Upper
75	100		
110	34.1	16.4	49.2
77	30.8	24.6	36.8

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Manual Integrations
APPROVED

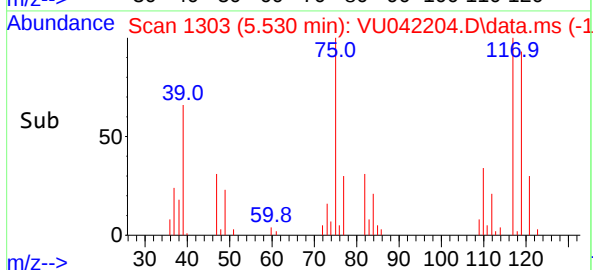
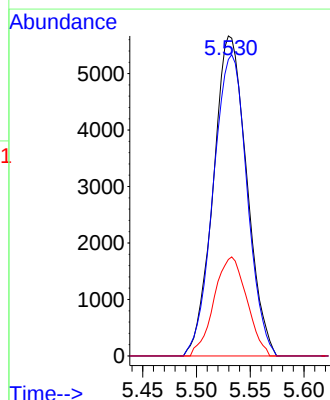
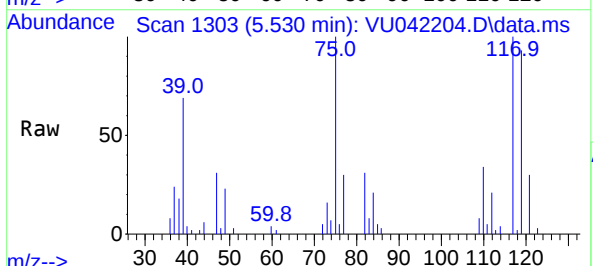
SAM
2/3/2021 5:10:12 PM

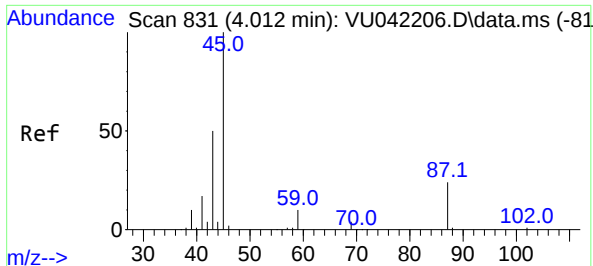


#30

Carbon Tetrachloride
Concen: 2.09 ug/l
RT: 5.530 min Scan# 1303
Delta R.T. -0.003 min
Lab File: VU042204.D
Acq: 28 Jan 2021 14:27

Tgt Ion:	117	Resp:	12250
Ion	Ratio	Lower	Upper
117	100		
119	92.6	78.1	117.1
121	30.1	25.1	37.7





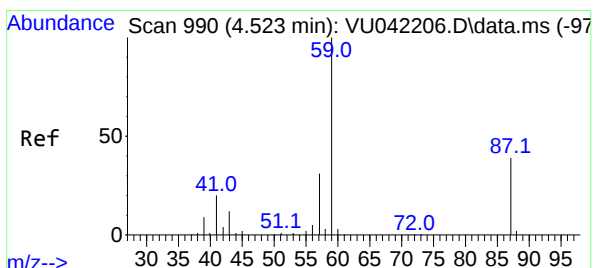
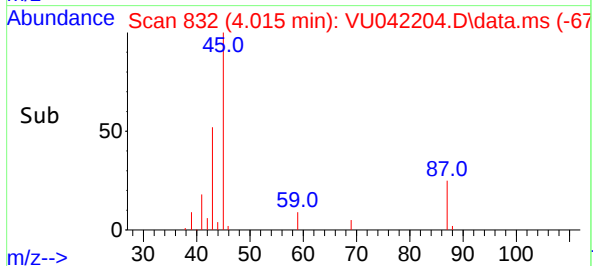
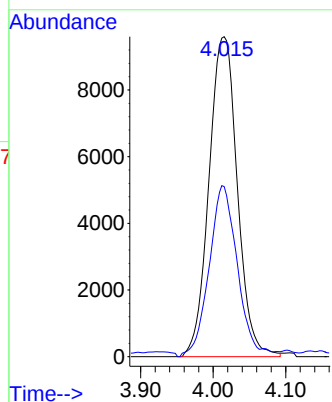
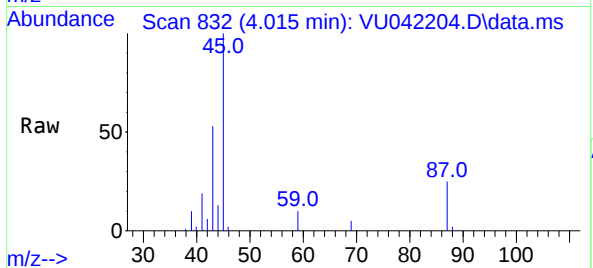
#31
Isopropyl Ether
Concen: 2.09 ug/l
RT: 4.015 min Scan# 832
Delta R.T. 0.003 min
Lab File: VU042204.D
Acq: 28 Jan 2021 14:27

Tgt Ion: 45 Resp: 26123
Ion Ratio Lower Upper
45 100
43 52.3 25.4 76.0

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

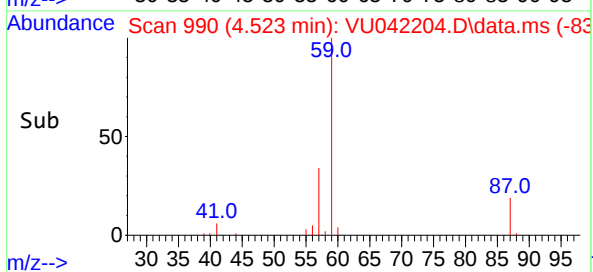
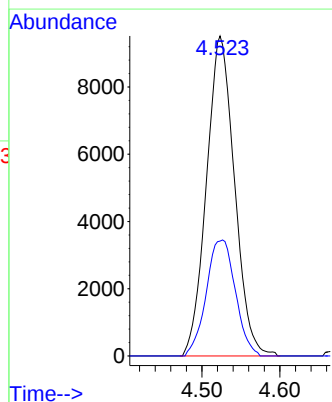
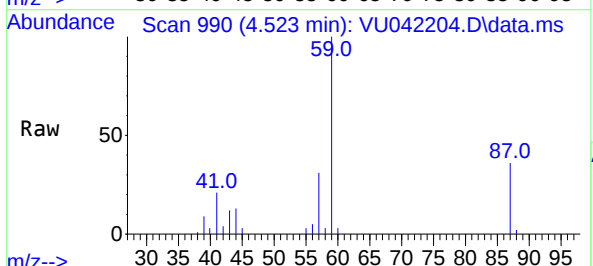
Manual Integrations
APPROVED

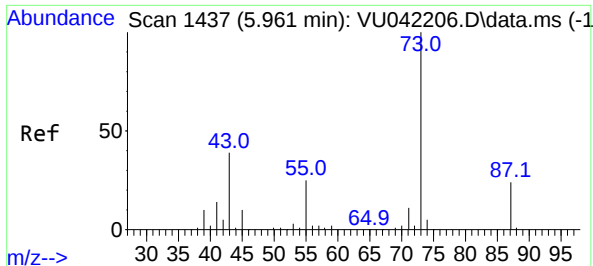
SAM
2/3/2021 5:10:12 PM



#32
Ethyl-t-butyl ether
Concen: 2.10 ug/l
RT: 4.523 min Scan# 990
Delta R.T. -0.000 min
Lab File: VU042204.D
Acq: 28 Jan 2021 14:27

Tgt Ion: 59 Resp: 23763
Ion Ratio Lower Upper
59 100
87 37.6 31.0 46.4





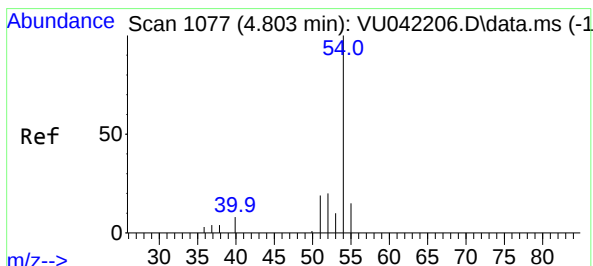
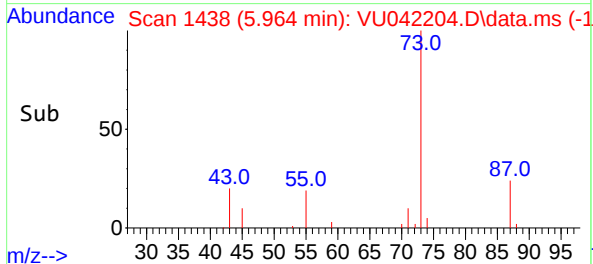
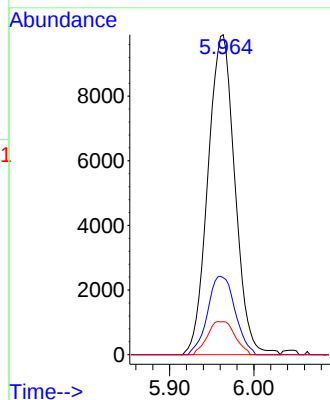
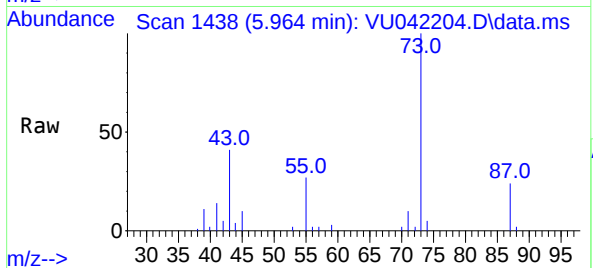
#33
Tert-Amyl methyl ether
Concen: 2.10 ug/l
RT: 5.964 min Scan# 1438
Delta R.T. 0.003 min
Lab File: VU042204.D
Acq: 28 Jan 2021 14:27

Tgt Ion: 73	Resp: 21963
Ion Ratio	Lower Upper
73 100	
87 25.0	19.4 29.2
71 10.6	9.0 13.6

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

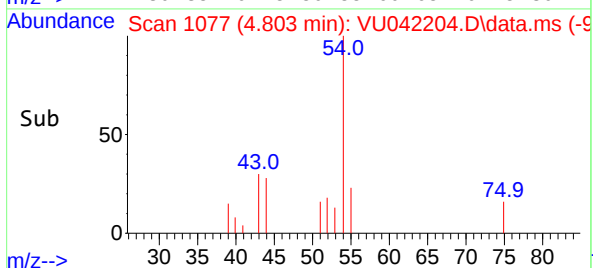
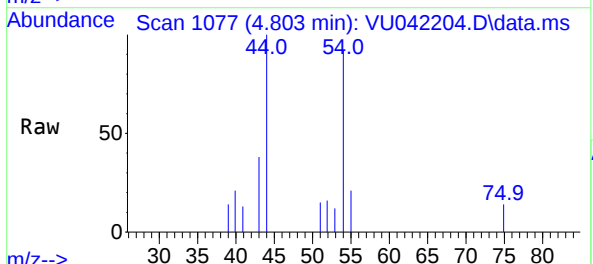
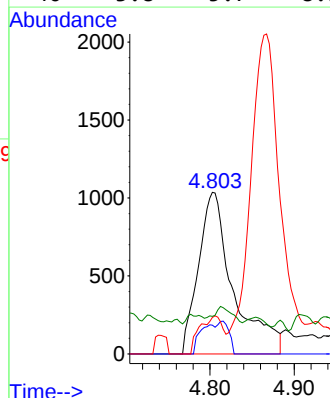
Manual Integrations
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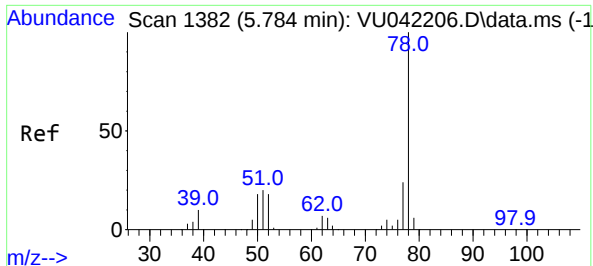
SAM
2/3/2021 5:10:12 PM



#34
Propionitrile
Concen: 11.54 ug/l
RT: 4.803 min Scan# 1077
Delta R.T. -0.000 min
Lab File: VU042204.D
Acq: 28 Jan 2021 14:27

Tgt Ion: 54	Resp: 2982
Ion Ratio	Lower Upper
54 100	
52 8.3	14.8 22.2#
55 15.5	7.4 11.2#
40 3.8	5.7 8.5#





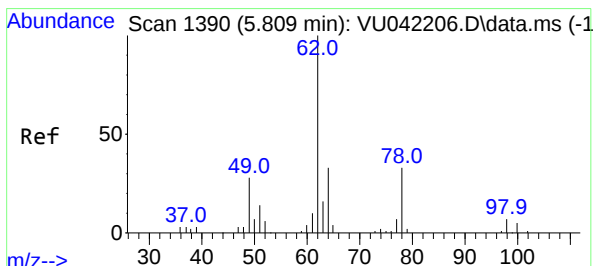
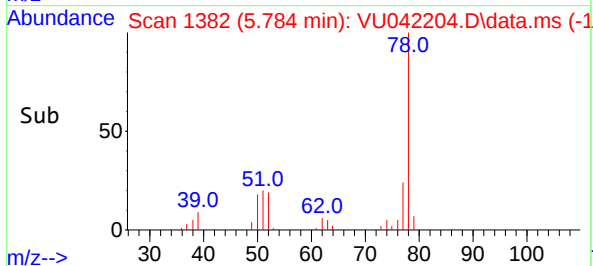
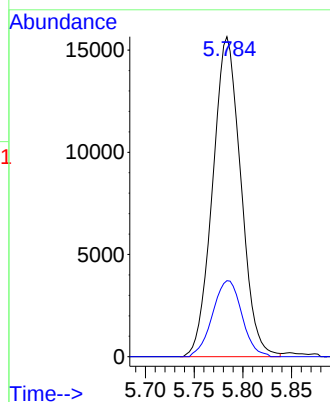
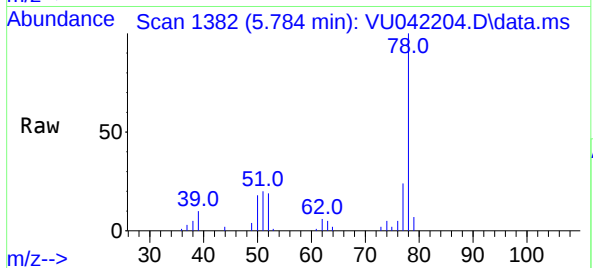
#35
Benzene
Concen: 2.06 ug/l
RT: 5.784 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VU042204.D
Acq: 28 Jan 2021 14:27

Tgt Ion: 78 Resp: 31510
Ion Ratio Lower Upper
78 100
77 23.8 19.4 29.2

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

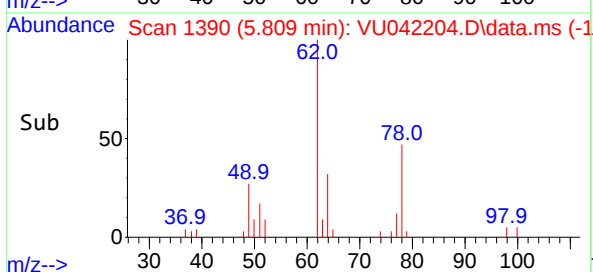
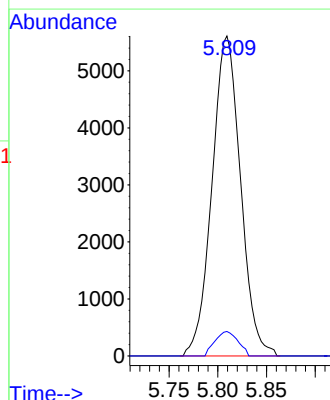
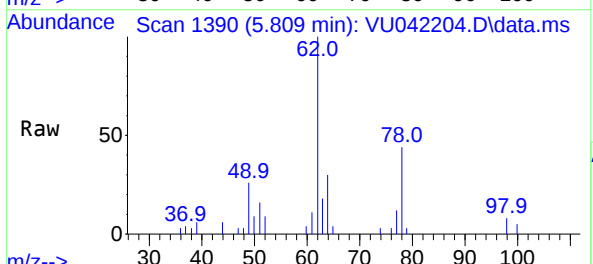
Manual Integrations
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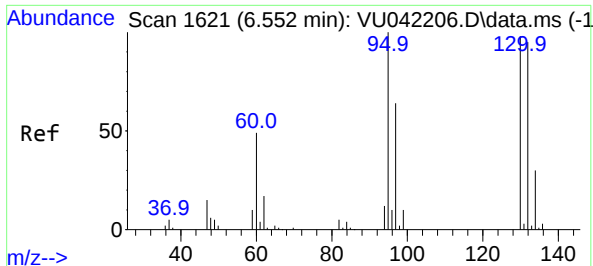
SAM
2/3/2021 5:10:12 PM



#36
1,2-Dichloroethane
Concen: 2.11 ug/l
RT: 5.809 min Scan# 1390
Delta R.T. -0.000 min
Lab File: VU042204.D
Acq: 28 Jan 2021 14:27

Tgt Ion: 62 Resp: 11441
Ion Ratio Lower Upper
62 100
98 6.2 5.8 8.8





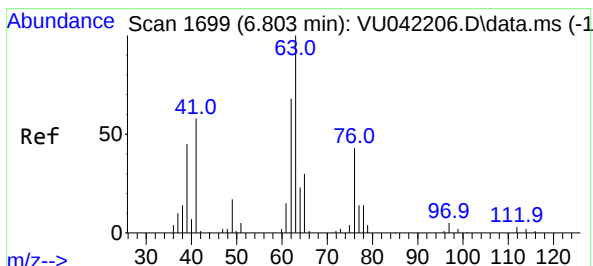
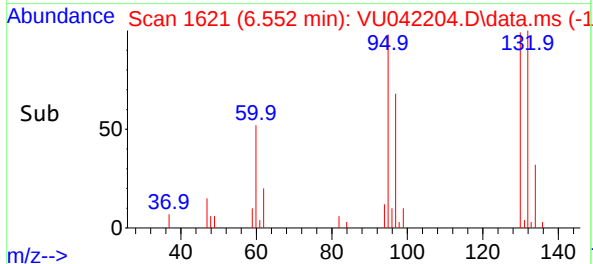
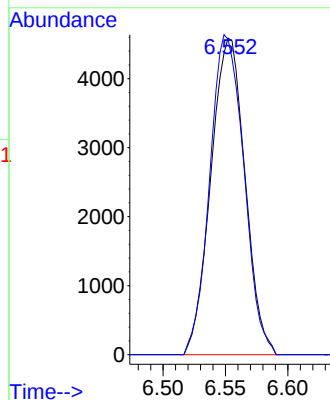
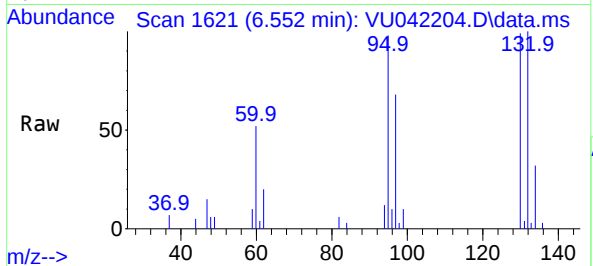
#37
Trichloroethene
Concen: 2.12 ug/l
RT: 6.552 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VU042204.D
Acq: 28 Jan 2021 14:27

Tgt Ion:130 Resp: 8746
Ion Ratio Lower Upper
130 100
95 99.6 81.4 122.0

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

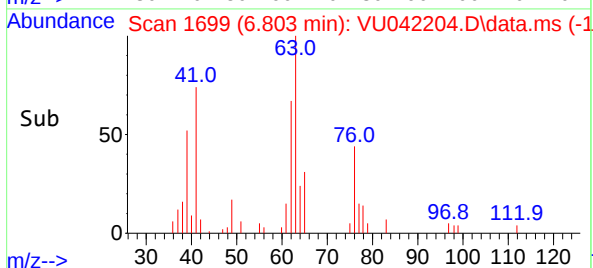
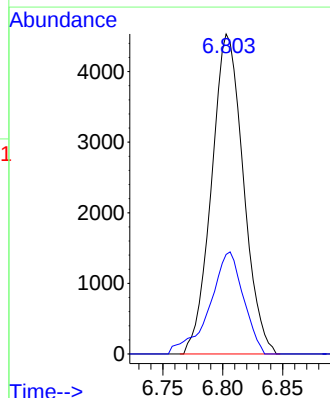
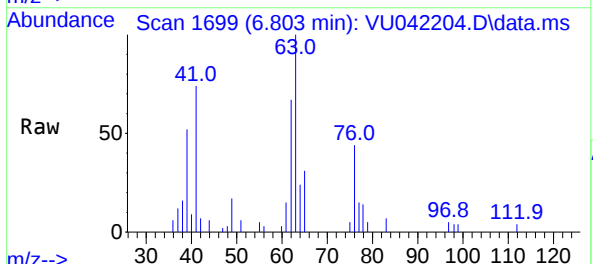
Manual Integrations
APPROVED

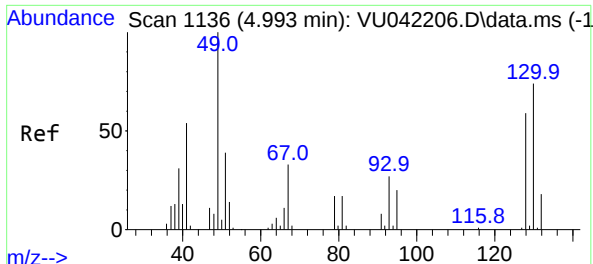
SAM
2/3/2021 5:10:12 PM



#38
1,2-Dichloropropane
Concen: 2.03 ug/l
RT: 6.803 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VU042204.D
Acq: 28 Jan 2021 14:27

Tgt Ion: 63 Resp: 8358
Ion Ratio Lower Upper
63 100
65 31.1 23.8 35.6





#39
Methacrylonitrile
Concen: 2.16 ug/l m
RT: 4.996 min Scan# 1137
Delta R.T. 0.003 min
Lab File: VU042204.D
Acq: 28 Jan 2021 14:27

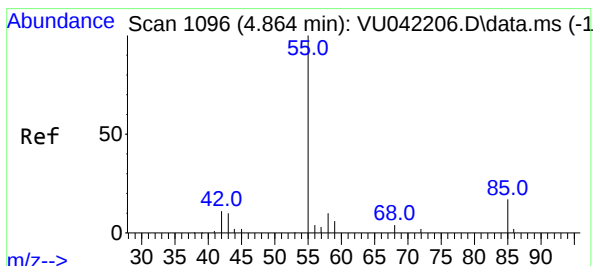
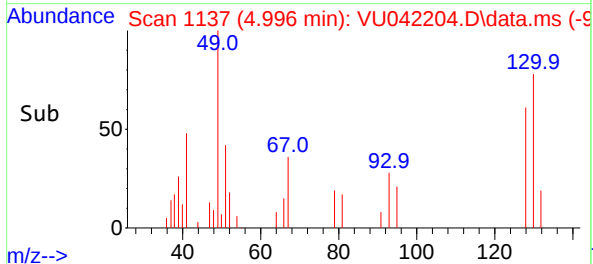
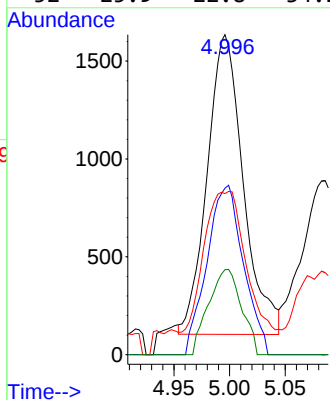
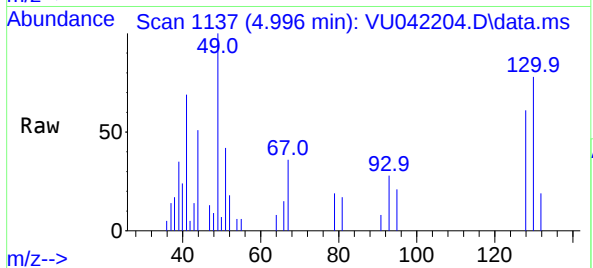
Tgt Ion: 41 Resp: 3452

Ion	Ratio	Lower	Upper
41	100		
67	57.1	50.4	75.6
39	62.0	44.4	66.6
52	25.9	22.8	34.2

Instrument :
MSVOA_U
ClientSampled :
VSTDIC002

Manual Integrations
APPROVED

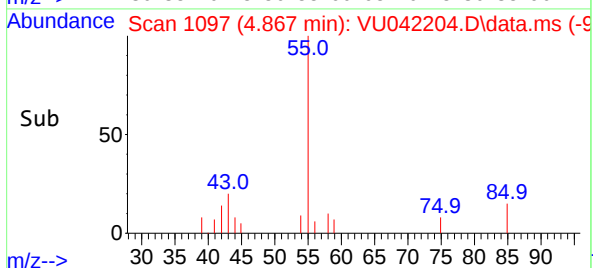
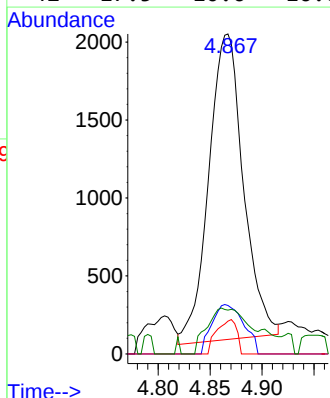
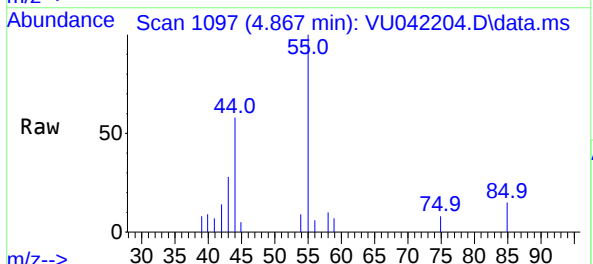
SAM
2/3/2021 5:10:12 PM

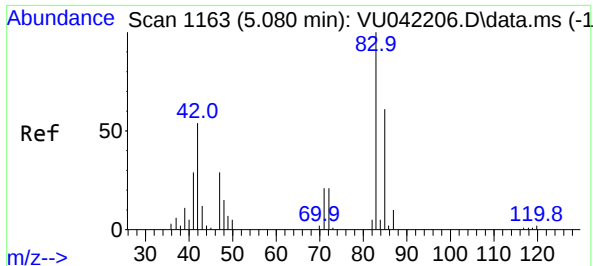


#40
Methyl acrylate
Concen: 2.10 ug/l
RT: 4.867 min Scan# 1097
Delta R.T. 0.003 min
Lab File: VU042204.D
Acq: 28 Jan 2021 14:27

Tgt Ion: 55 Resp: 4529

Ion	Ratio	Lower	Upper
55	100		
85	14.9	12.5	18.7
58	6.5	7.2	10.8#
42	17.5	10.6	16.0#





#41

Tetrahydrofuran

Concen: 3.18 ug/l m

RT: 5.079 min Scan# 1163

Delta R.T. -0.000 min

Lab File: VU042204.D

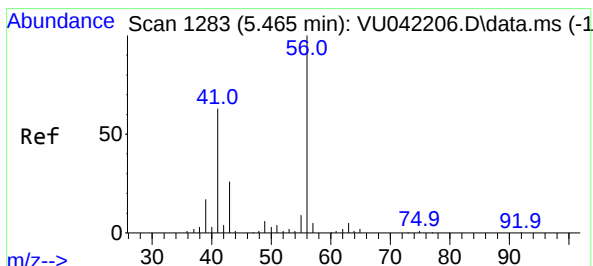
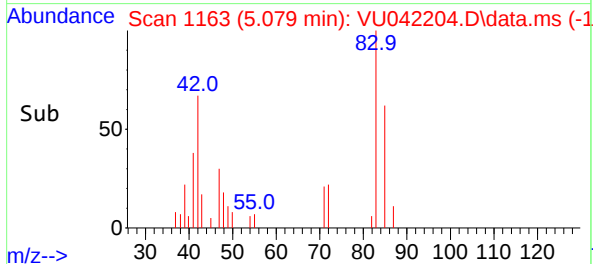
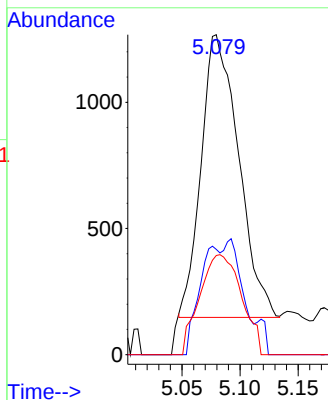
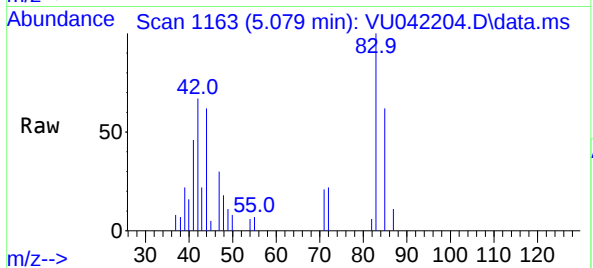
Acq: 28 Jan 2021 14:27

Tgt Ion:	42	Resp:	2514
Ion	Ratio	Lower	Upper
42	100		
72	21.9	33.1	49.7#
71	39.5	29.8	44.6

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Manual Integrations
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#42

1-Chlorobutane

Concen: 2.08 ug/l

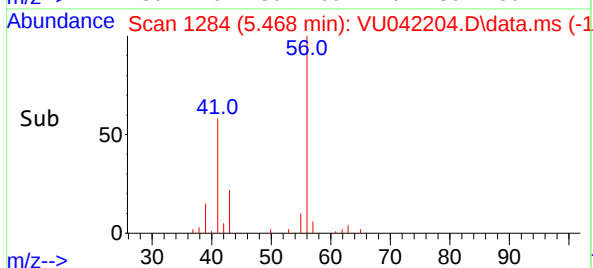
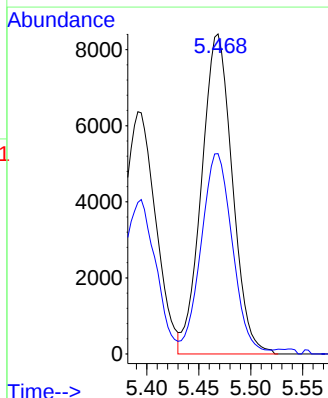
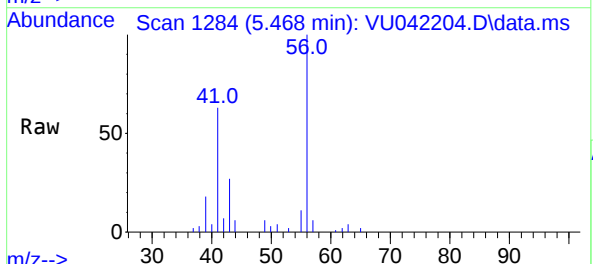
RT: 5.468 min Scan# 1284

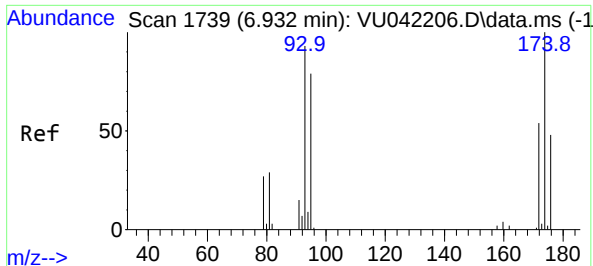
Delta R.T. 0.003 min

Lab File: VU042204.D

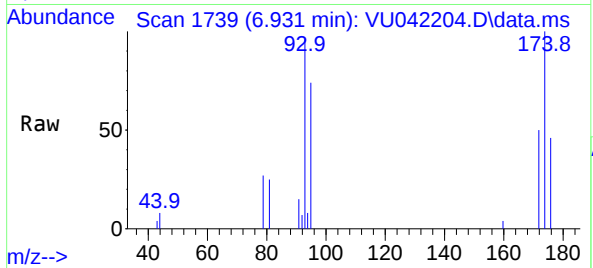
Acq: 28 Jan 2021 14:27

Tgt Ion:	56	Resp:	17337
Ion	Ratio	Lower	Upper
56	100		
41	60.7	30.3	91.0



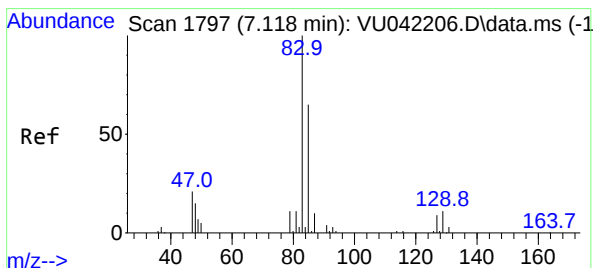
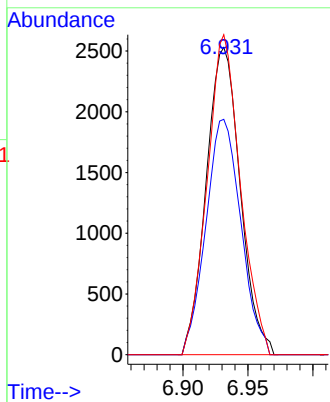
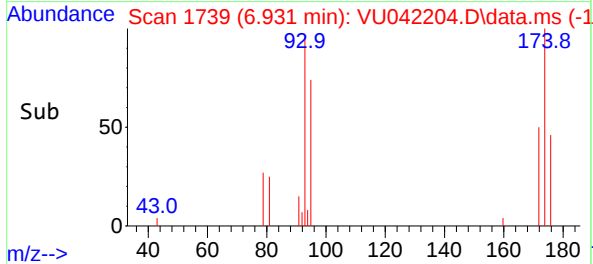


#43
Dibromomethane
Concen: 2.10 ug/l
RT: 6.931 min Scan# 1739
Delta R.T. -0.000 min
Lab File: VU042204.D
Acq: 28 Jan 2021 14:27

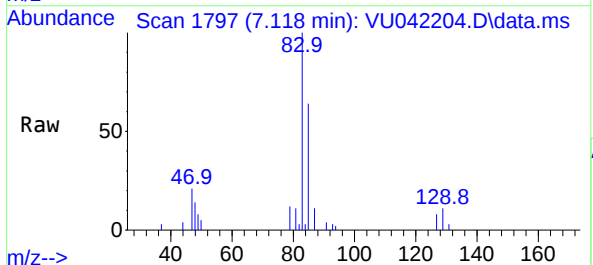


Tgt Ion: 93 Resp: 4610

Ion	Ratio	Lower	Upper
93	100		
95	78.9	66.7	100.1
174	101.6	84.2	126.4

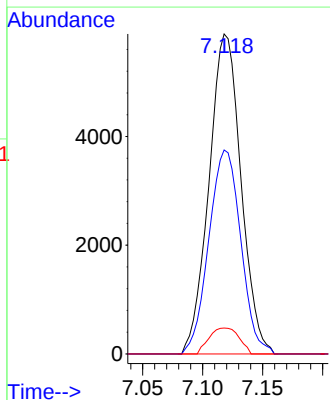
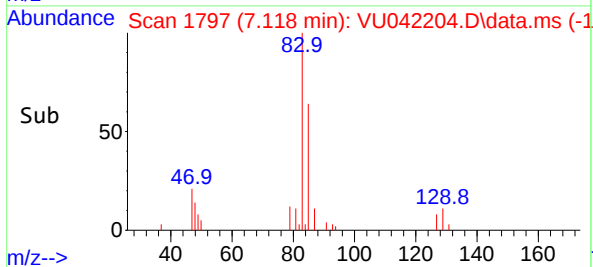


#44
Bromodichloromethane
Concen: 1.98 ug/l
RT: 7.118 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VU042204.D
Acq: 28 Jan 2021 14:27



Tgt Ion: 83 Resp: 10925

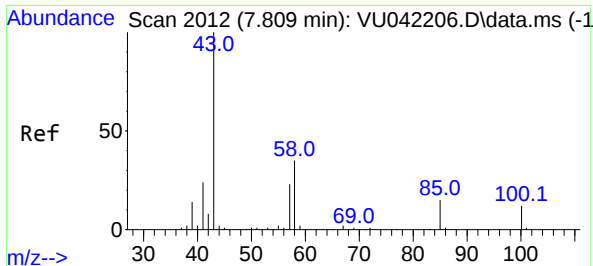
Ion	Ratio	Lower	Upper
83	100		
85	63.7	51.7	77.5
127	8.1	7.2	10.8



Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

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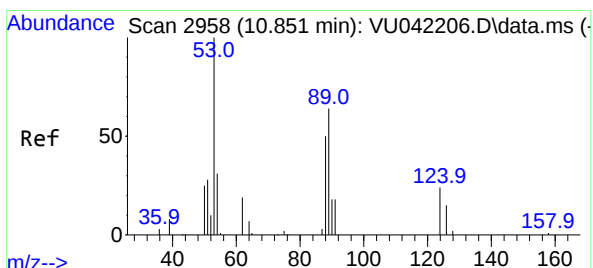
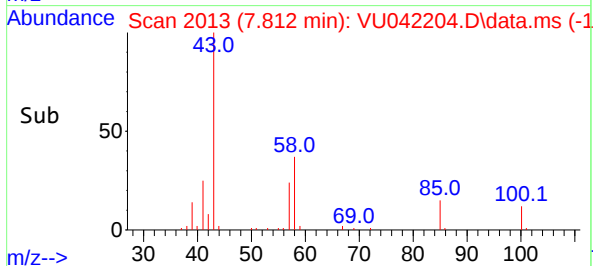
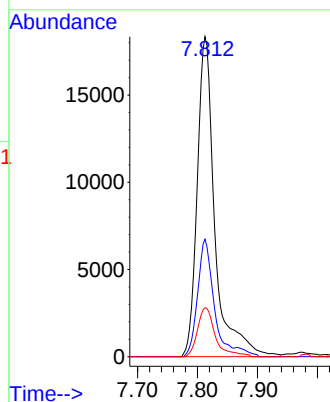
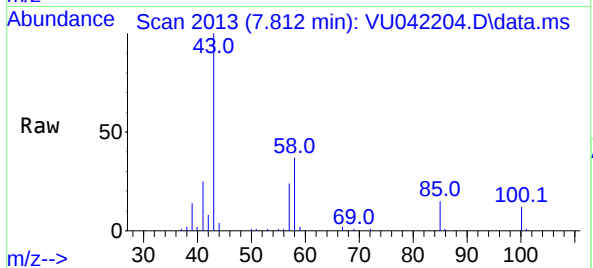
#45
4-Methyl-2-Pentanone
Concen: 10.99 ug/l
RT: 7.812 min Scan# 2013
Delta R.T. 0.003 min
Lab File: VU042204.D
Acq: 28 Jan 2021 14:27

Tgt Ion:	43	Resp:	37650
Ion Ratio	Lower	Upper	
43	100		
58	33.2	17.5	52.5
85	15.5	12.1	18.1

Instrument :
MSVOA_U
ClientSampled :
VSTDIC002

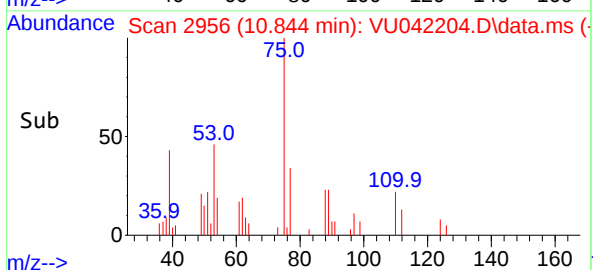
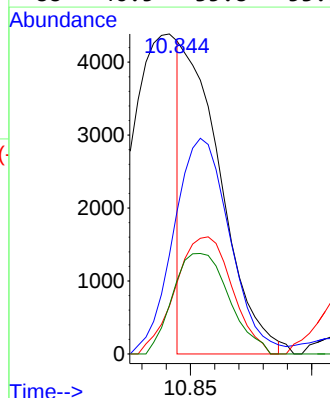
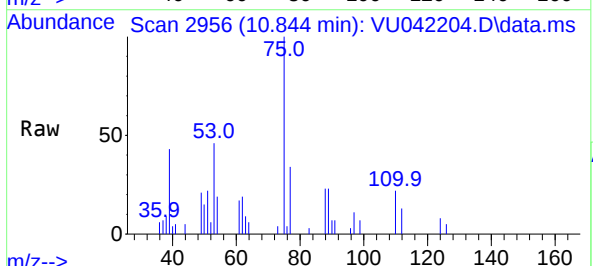
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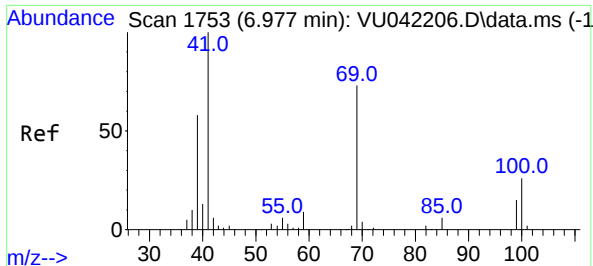
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#46
t-1,4-Dichloro-2-butene
Concen: 3.95 ug/l m
RT: 10.844 min Scan# 2956
Delta R.T. -0.007 min
Lab File: VU042204.D
Acq: 28 Jan 2021 14:27

Tgt Ion:	75	Resp:	4781
Ion Ratio	Lower	Upper	
75	100		
53	100.0	75.9	113.9
89	54.6	45.1	67.7
88	46.5	35.8	53.8





#47

Methyl methacrylate

Concen: 3.94 ug/l

RT: 6.976 min Scan# 1753

Delta R.T. -0.000 min

Lab File: VU042204.D

Acq: 28 Jan 2021 14:27

Tgt Ion: 69 Resp: 8868

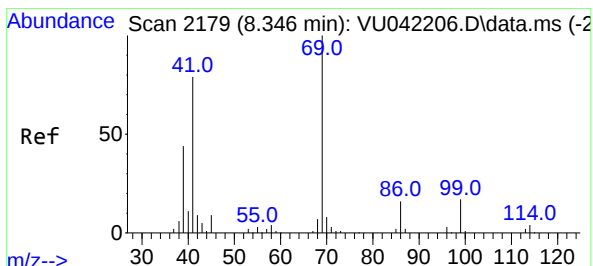
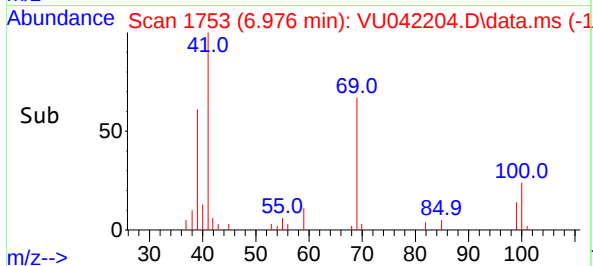
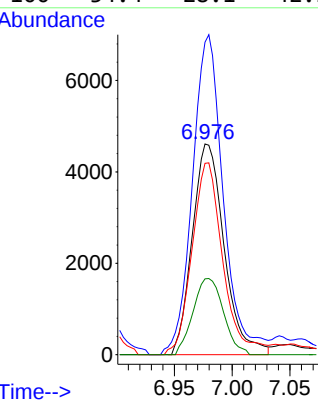
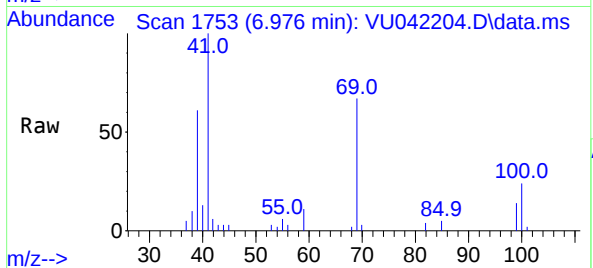
Ion Ratio Lower Upper

69 100

41 146.7 0.0 277.0

39 88.1 67.1 100.7

100 34.4 28.1 42.1



#48

Ethyl methacrylate

Concen: 2.14 ug/l

RT: 8.349 min Scan# 2180

Delta R.T. 0.003 min

Lab File: VU042204.D

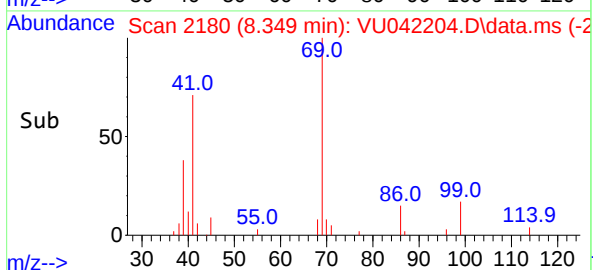
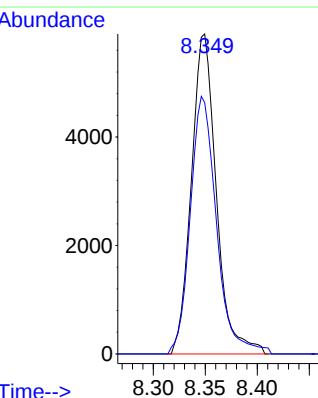
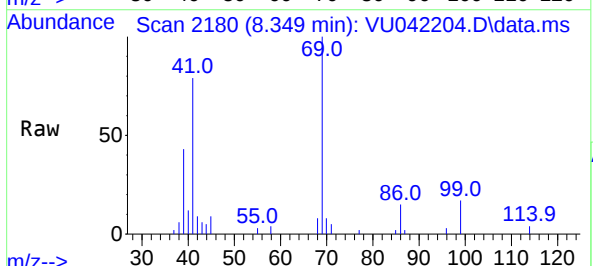
Acq: 28 Jan 2021 14:27

Tgt Ion: 69 Resp: 9844

Ion Ratio Lower Upper

69 100

41 84.6 40.1 120.2



Instrument :

MSVOA_U

ClientSampleId :

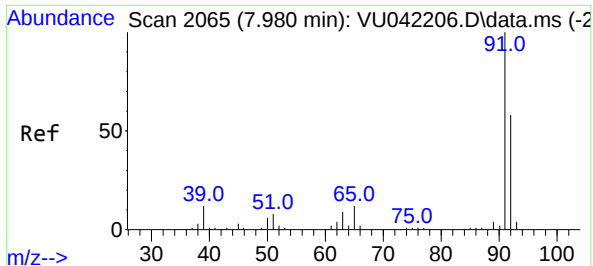
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#49

Toluene

Concen: 2.01 ug/l

RT: 7.980 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VU042204.D

Acq: 28 Jan 2021 14:27

Tgt Ion: 92 Resp: 19393

Ion Ratio Lower Upper

92 100

91 178.5 139.6 209.4

Instrument :

MSVOA_U

ClientSampleId :

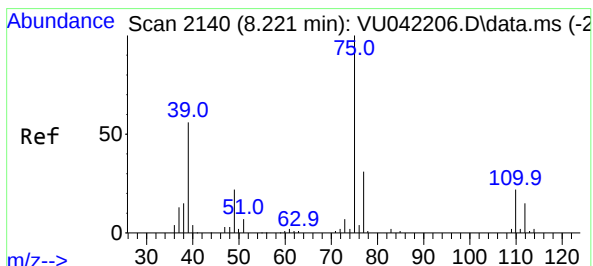
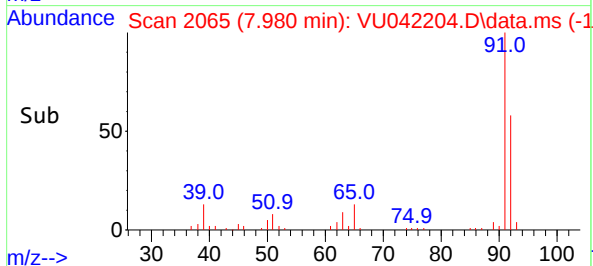
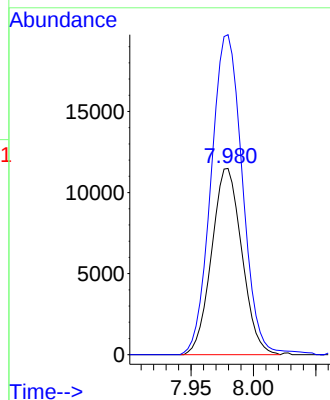
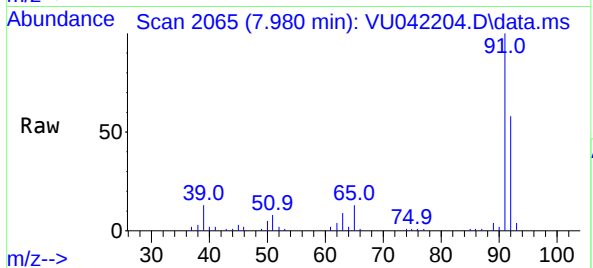
VSTDIC002

Manual Integrations

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#50

t-1,3-Dichloropropene

Concen: 2.04 ug/l

RT: 8.221 min Scan# 2140

Delta R.T. -0.000 min

Lab File: VU042204.D

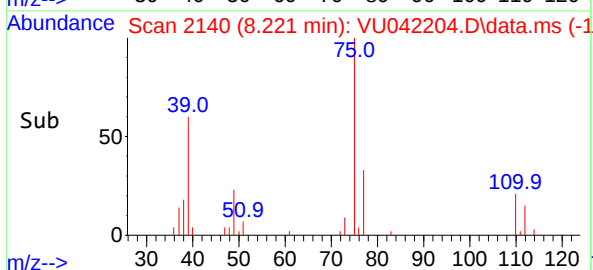
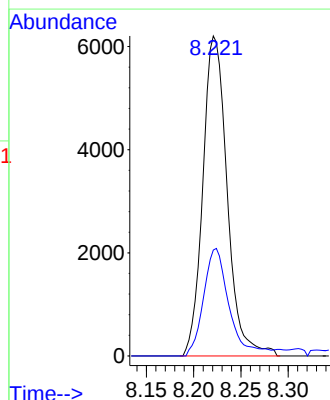
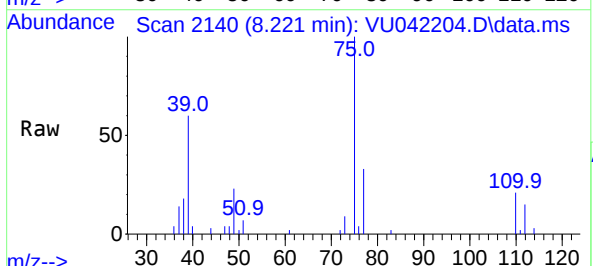
Acq: 28 Jan 2021 14:27

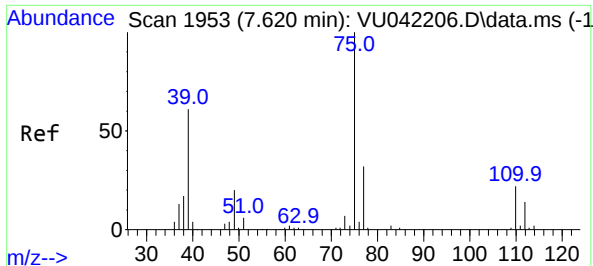
Tgt Ion: 75 Resp: 11129

Ion Ratio Lower Upper

75 100

77 33.1 24.9 37.3





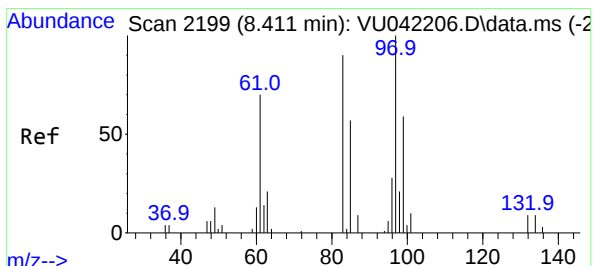
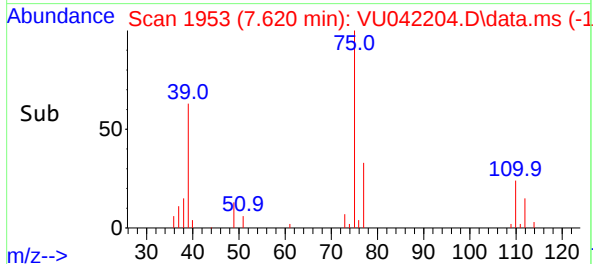
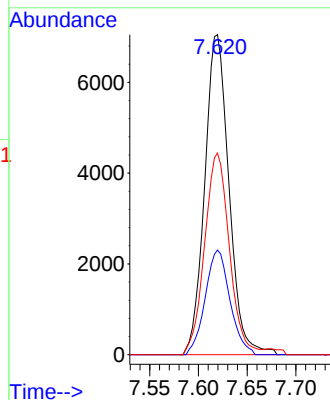
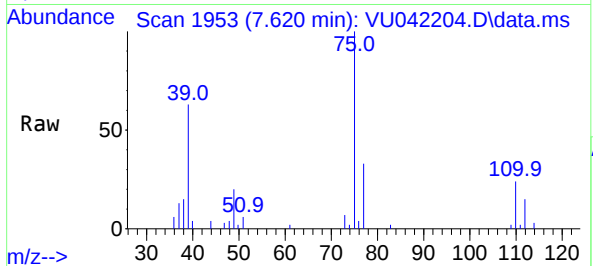
#51
cis-1,3-Dichloropropene
Concen: 1.98 ug/l
RT: 7.620 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VU042204.D
Acq: 28 Jan 2021 14:27

Tgt Ion:	75	Resp:	12234
Ion	Ratio	Lower	Upper
75	100		
77	32.7	25.6	38.4
39	63.0	48.6	72.8

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

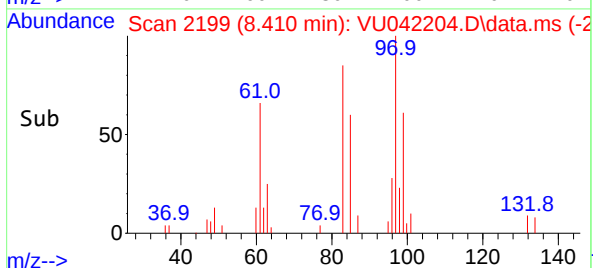
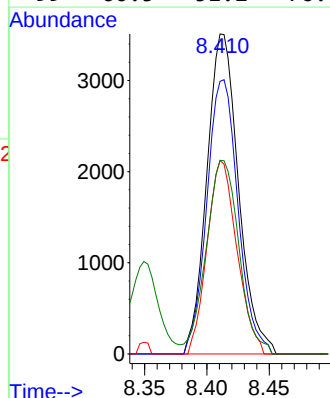
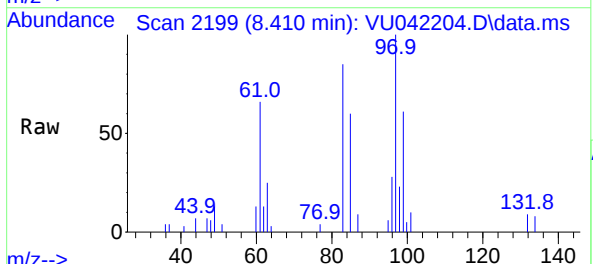
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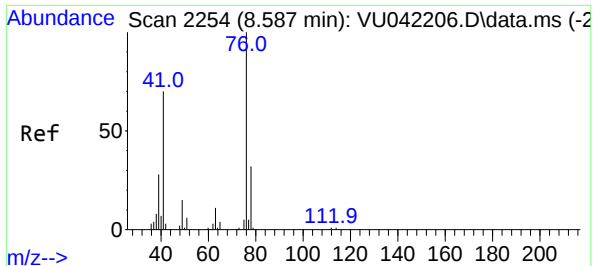
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#52
1,1,2-Trichloroethane
Concen: 2.09 ug/l
RT: 8.410 min Scan# 2199
Delta R.T. -0.000 min
Lab File: VU042204.D
Acq: 28 Jan 2021 14:27

Tgt Ion:	97	Resp:	6215
Ion	Ratio	Lower	Upper
97	100		
83	85.2	71.9	107.9
85	60.5	46.2	69.4
99	60.5	51.2	76.8

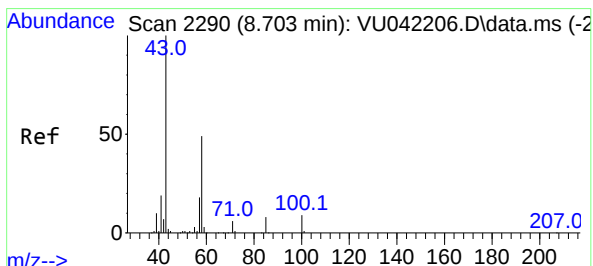
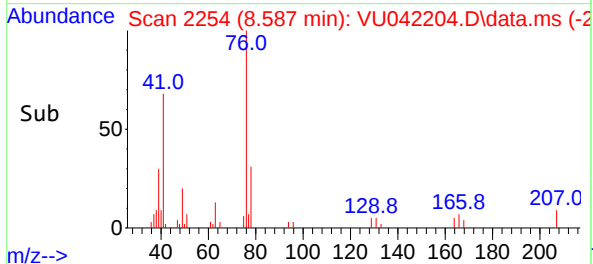
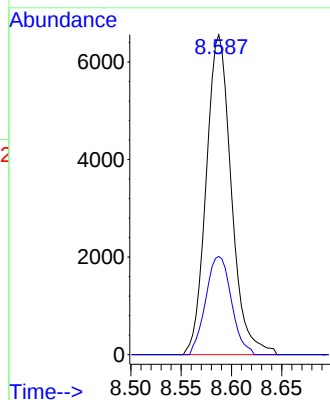
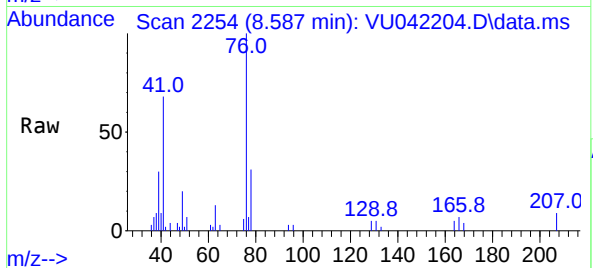




#53

1,3-Dichloropropane
Concen: 2.11 ug/l
RT: 8.587 min Scan# 2254
Delta R.T. -0.000 min
Lab File: VU042204.D
Acq: 28 Jan 2021 14:27

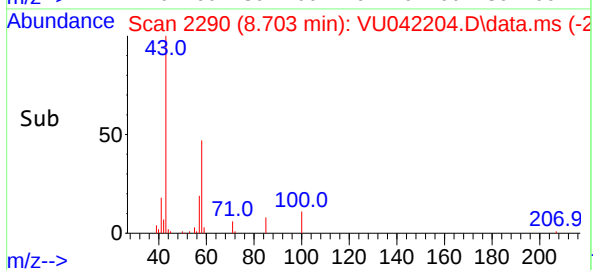
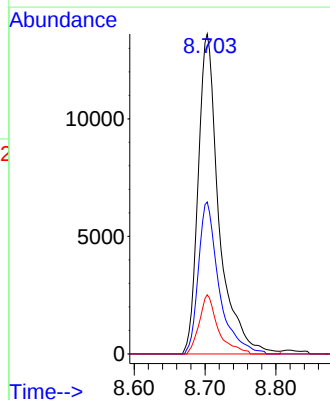
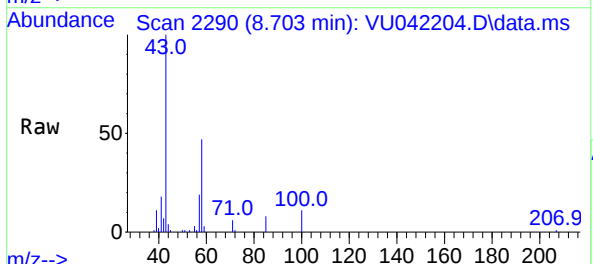
Tgt Ion: 76 Resp: 11402
Ion Ratio Lower Upper
76 100
78 31.3 25.4 38.2



#54

2-Hexanone
Concen: 11.58 ug/l
RT: 8.703 min Scan# 2290
Delta R.T. -0.000 min
Lab File: VU042204.D
Acq: 28 Jan 2021 14:27

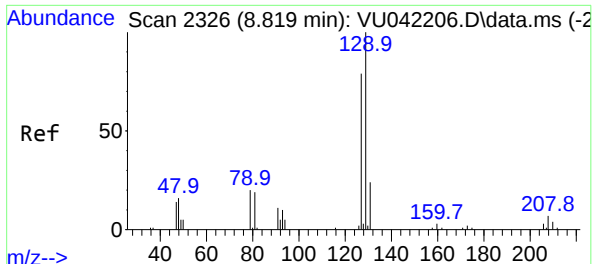
Tgt Ion: 43 Resp: 27744
Ion Ratio Lower Upper
43 100
58 47.2 28.7 68.7
57 16.8 0.0 37.9



Instrument :
MSVOA_U
ClientSampleId :
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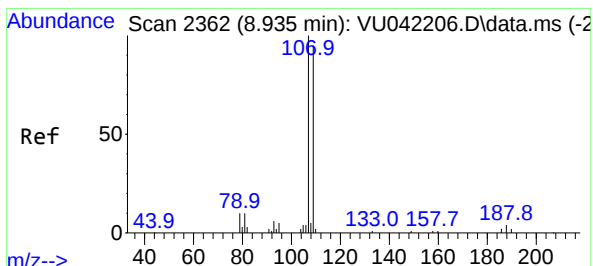
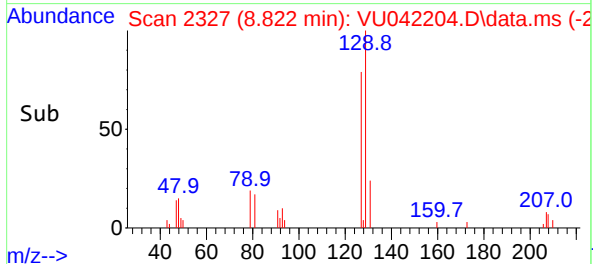
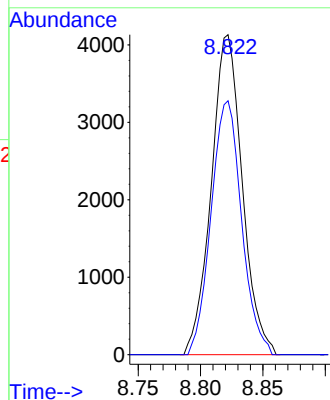
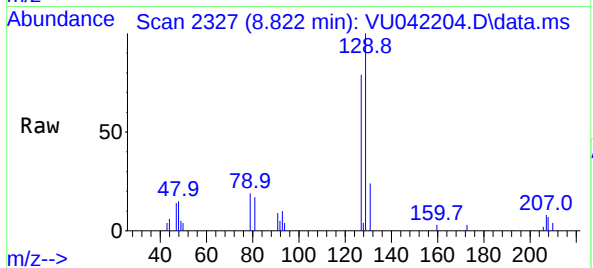
#55
Dibromochloromethane
Concen: 1.92 ug/l
RT: 8.822 min Scan# 2327
Delta R.T. 0.003 min
Lab File: VU042204.D
Acq: 28 Jan 2021 14:27

Tgt Ion:129 Resp: 7168
Ion Ratio Lower Upper
129 100
127 77.9 62.7 94.1

Instrument :
MSVOA_U
ClientSampleId :
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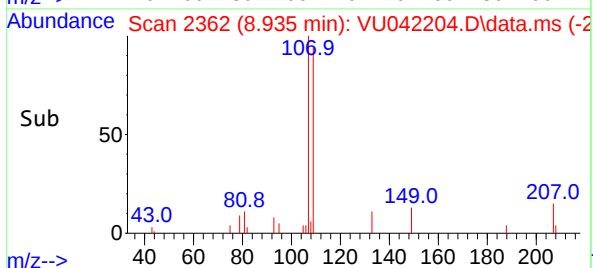
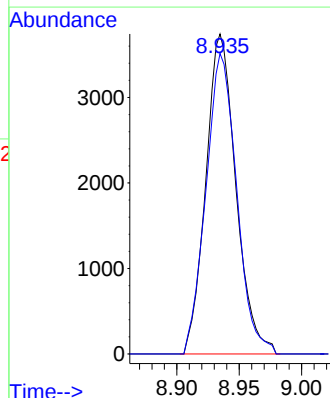
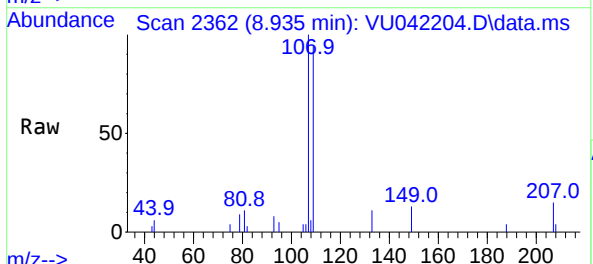
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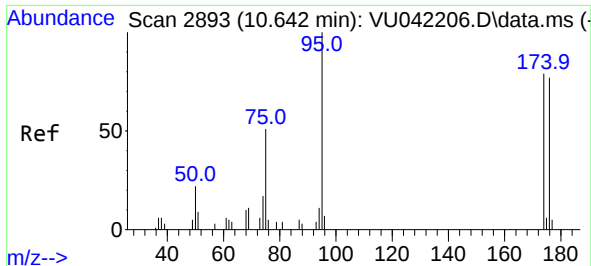
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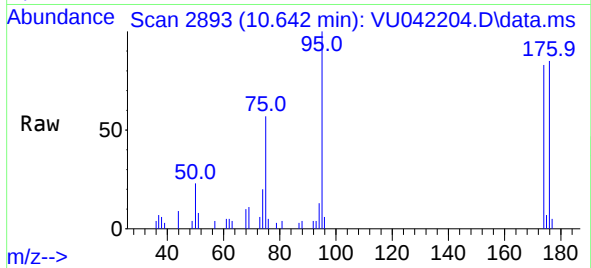
#56
1,2-Dibromoethane
Concen: 2.07 ug/l
RT: 8.935 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VU042204.D
Acq: 28 Jan 2021 14:27

Tgt Ion:107 Resp: 6292
Ion Ratio Lower Upper
107 100
109 95.9 0.0 187.2



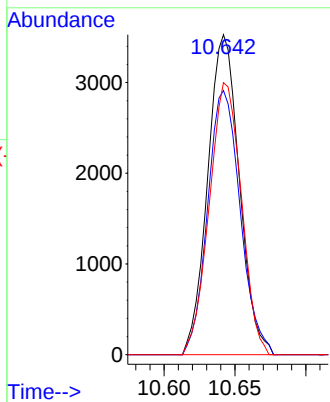
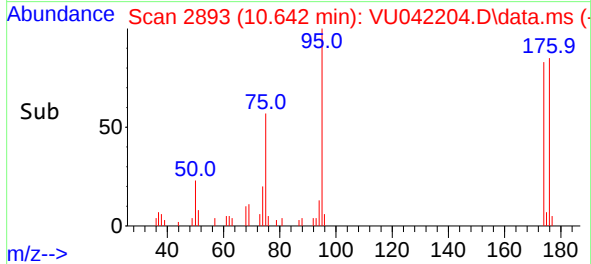


#57
4-Bromofluorobenzene
Concen: 1.00 ug/l
RT: 10.642 min Scan# 2893
Delta R.T. -0.000 min
Lab File: VU042204.D
Acq: 28 Jan 2021 14:27



Tgt Ion: 95 Resp: 5486

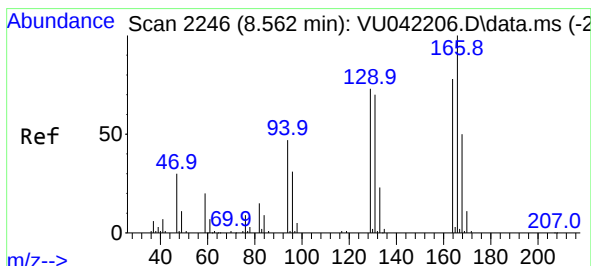
Ion	Ratio	Lower	Upper
95	100		
174	85.1	69.6	104.4
176	86.2	65.5	98.3



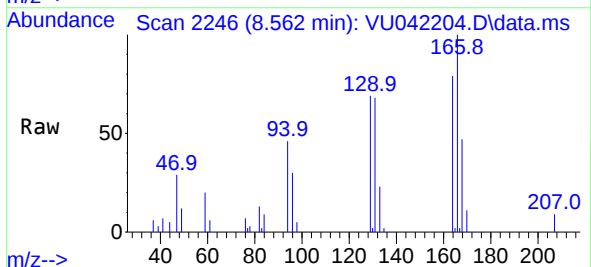
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

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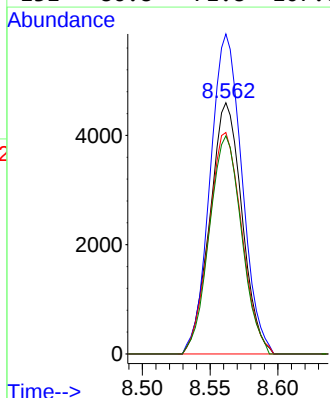
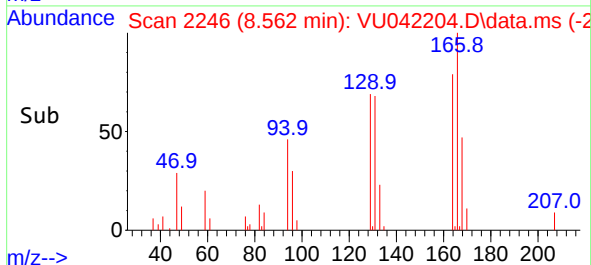


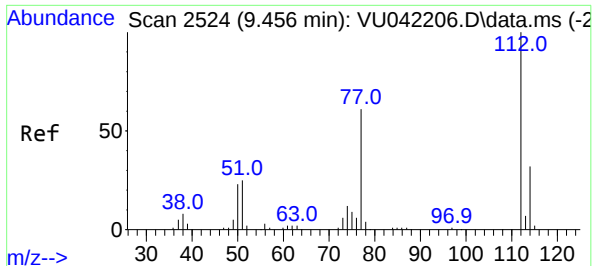
#58
Tetrachloroethene
Concen: 1.91 ug/l
RT: 8.562 min Scan# 2246
Delta R.T. -0.000 min
Lab File: VU042204.D
Acq: 28 Jan 2021 14:27



Tgt Ion: 164 Resp: 7584

Ion	Ratio	Lower	Upper
164	100		
166	127.4	102.2	153.2
129	88.1	74.4	111.6
131	86.8	71.8	107.6





#59

Chlorobenzene

Concen: 2.07 ug/l

RT: 9.455 min Scan# 2524

Delta R.T. -0.000 min

Lab File: VU042204.D

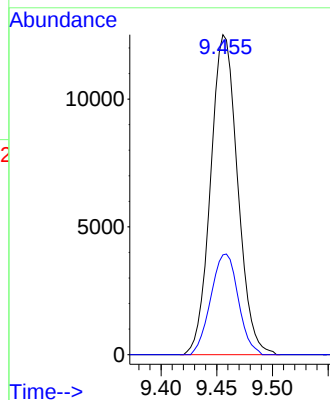
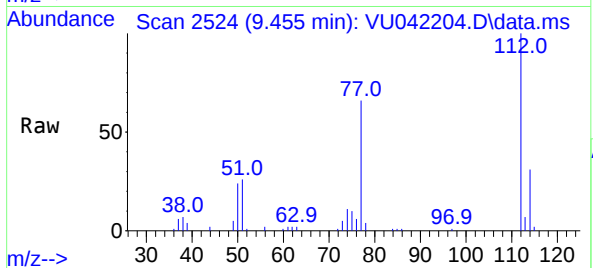
Acq: 28 Jan 2021 14:27

Tgt Ion:112 Resp: 21148

Ion Ratio Lower Upper

112 100

114 31.2 25.4 38.2



Instrument :

MSVOA_U

ClientSampleId :

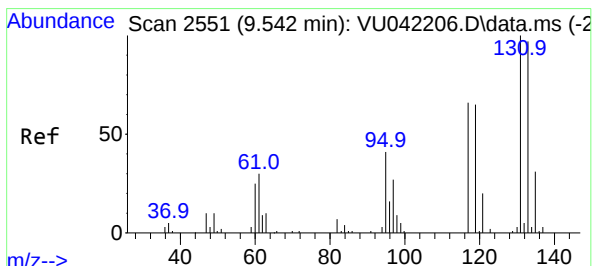
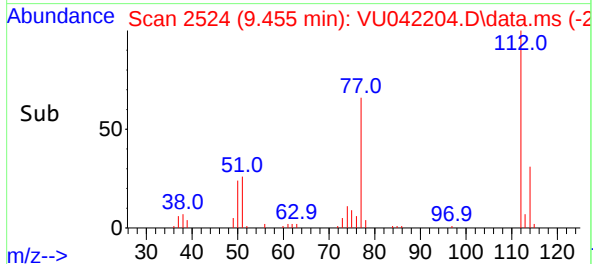
VSTDIC002

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#60

1,1,1,2-Tetrachloroethane

Concen: 2.00 ug/l

RT: 9.545 min Scan# 2552

Delta R.T. 0.003 min

Lab File: VU042204.D

Acq: 28 Jan 2021 14:27

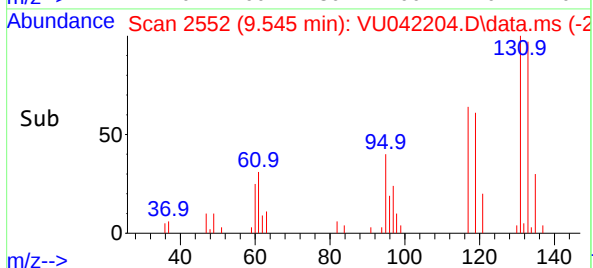
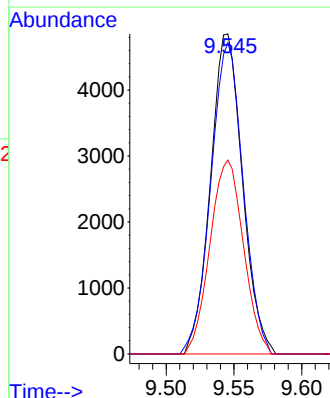
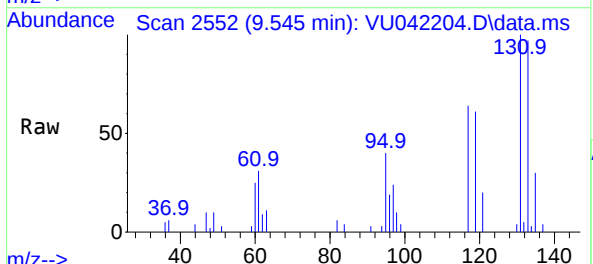
Tgt Ion:131 Resp: 7955

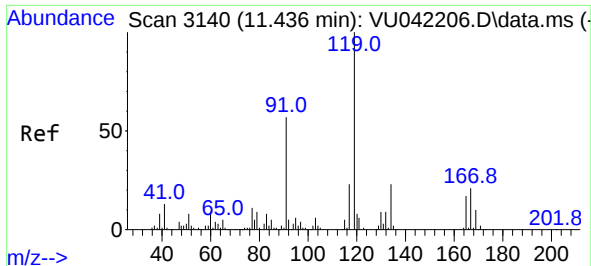
Ion Ratio Lower Upper

131 100

133 98.2 76.7 115.1

119 63.4 51.4 77.0





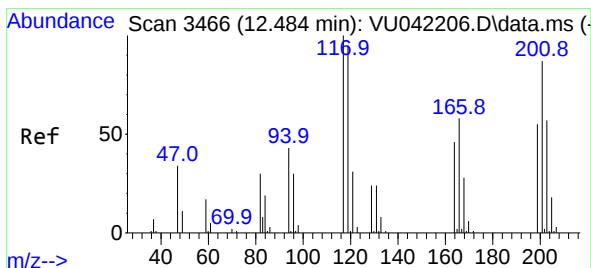
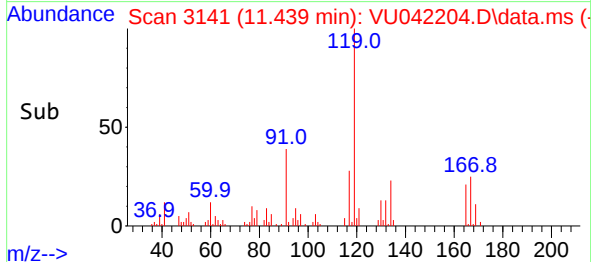
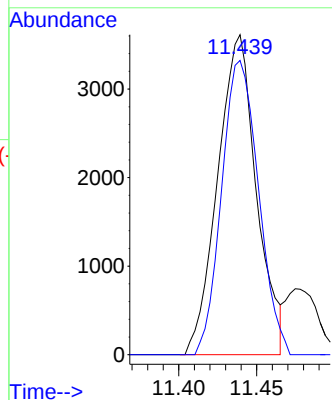
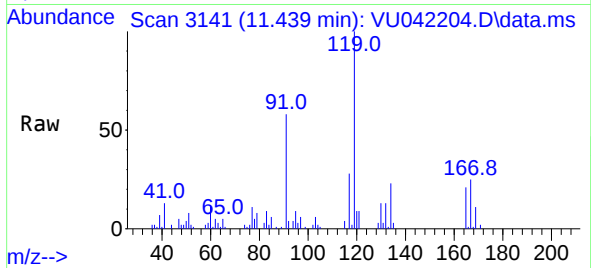
#61
Pentachloroethane
Concen: 2.23 ug/l
RT: 11.439 min Scan# 3141
Delta R.T. 0.003 min
Lab File: VU042204.D
Acq: 28 Jan 2021 14:27

Tgt Ion:117 Resp: 6255
Ion Ratio Lower Upper
117 100
167 87.3 70.6 105.8

Instrument :
MSVOA_U
ClientSampleId :
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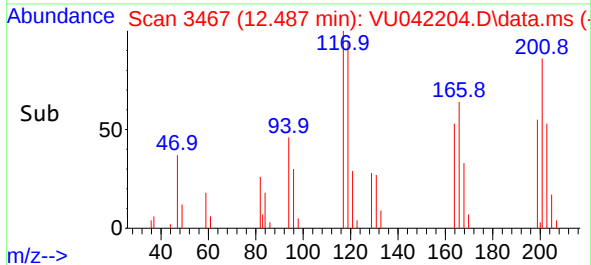
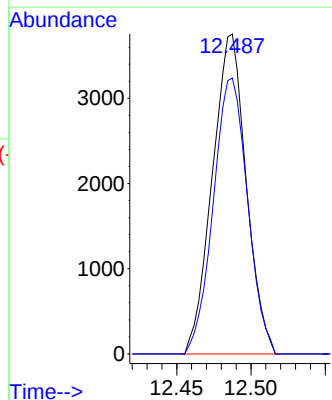
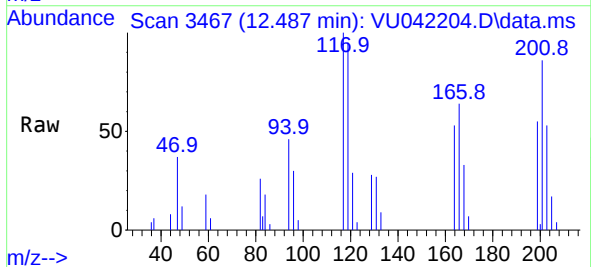
Manual Integrations
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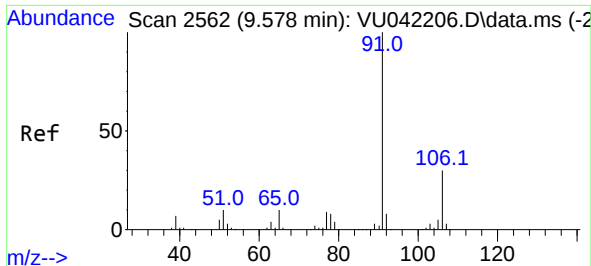
SAM
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#62
Hexachloroethane
Concen: 1.97 ug/l
RT: 12.487 min Scan# 3467
Delta R.T. 0.003 min
Lab File: VU042204.D
Acq: 28 Jan 2021 14:27

Tgt Ion:117 Resp: 5945
Ion Ratio Lower Upper
117 100
201 87.2 70.9 106.3





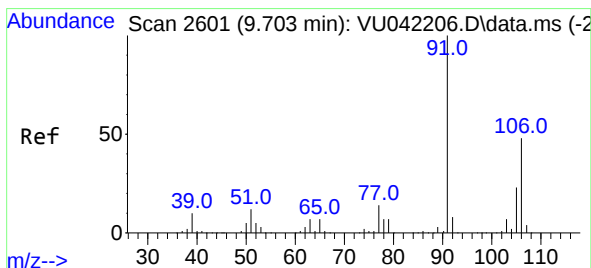
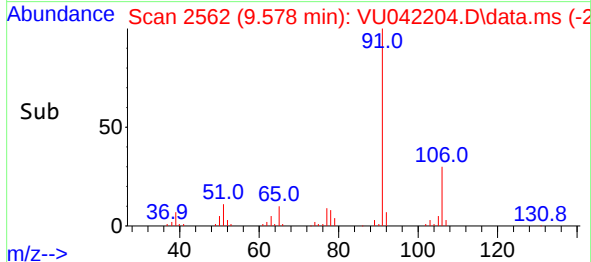
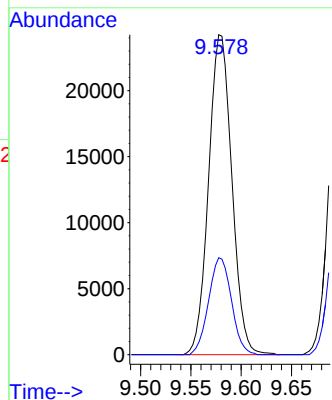
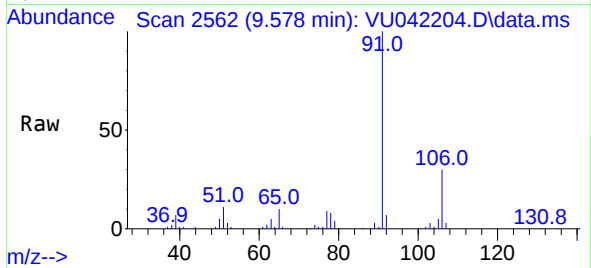
#63
Ethyl Benzene
Concen: 2.11 ug/l
RT: 9.578 min Scan# 2562
Delta R.T. -0.000 min
Lab File: VU042204.D
Acq: 28 Jan 2021 14:27

Tgt Ion: 91 Resp: 39004
Ion Ratio Lower Upper
91 100
106 30.3 24.1 36.1

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

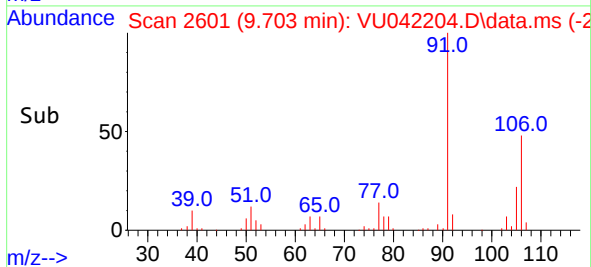
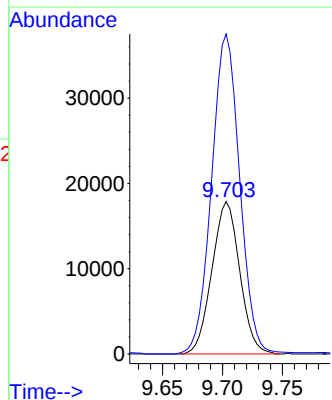
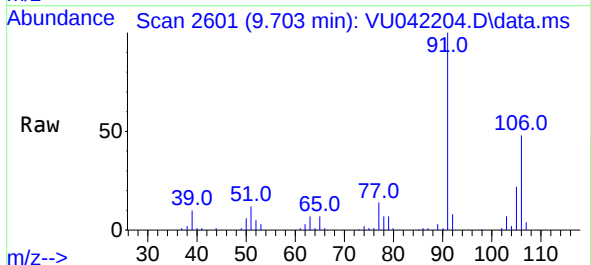
Manual Integrations
APPROVED

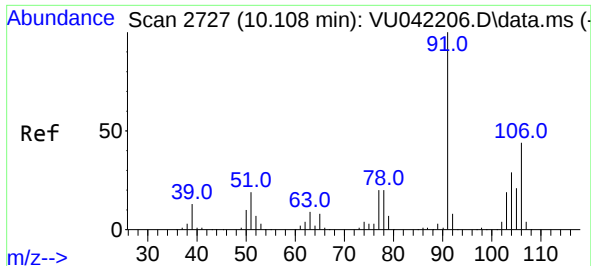
SAM
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#64
m/p-Xylenes
Concen: 4.19 ug/l
RT: 9.703 min Scan# 2601
Delta R.T. -0.000 min
Lab File: VU042204.D
Acq: 28 Jan 2021 14:27

Tgt Ion: 106 Resp: 28757
Ion Ratio Lower Upper
106 100
91 213.0 168.4 252.6





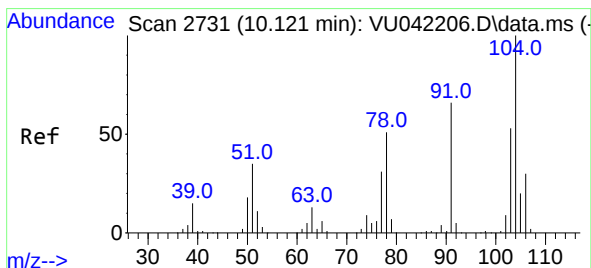
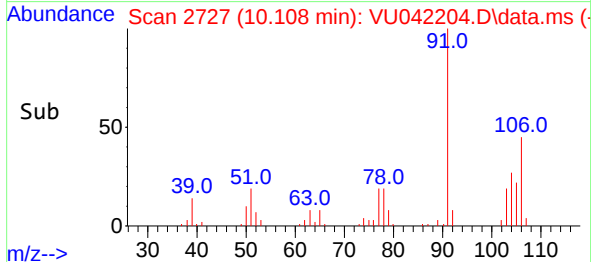
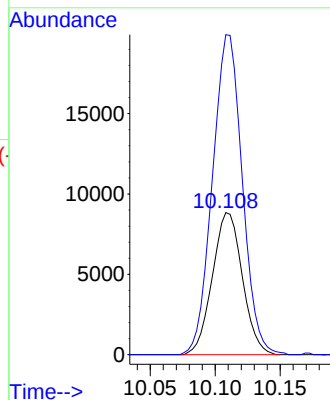
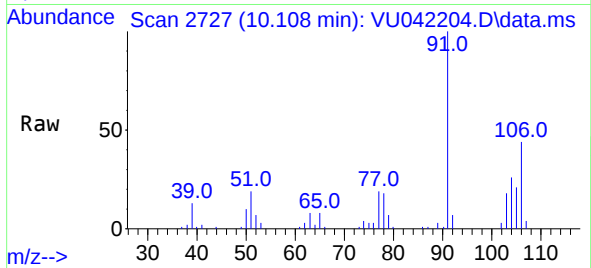
#65
o-Xylene
Concen: 2.10 ug/l
RT: 10.108 min Scan# 2727
Delta R.T. -0.000 min
Lab File: VU042204.D
Acq: 28 Jan 2021 14:27

Tgt Ion:106 Resp: 14178
Ion Ratio Lower Upper
106 100
91 224.2 112.0 336.0

Instrument :
MSVOA_U
ClientSampleId :
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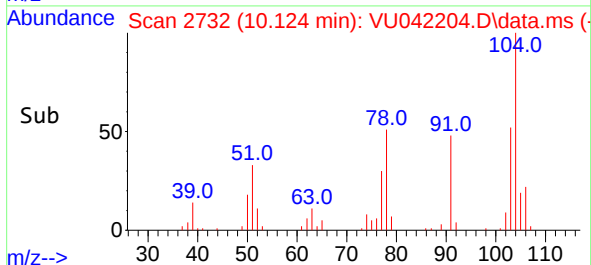
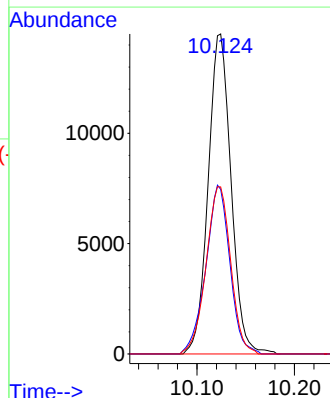
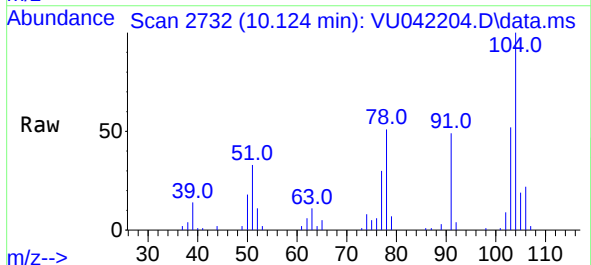
Manual Integrations
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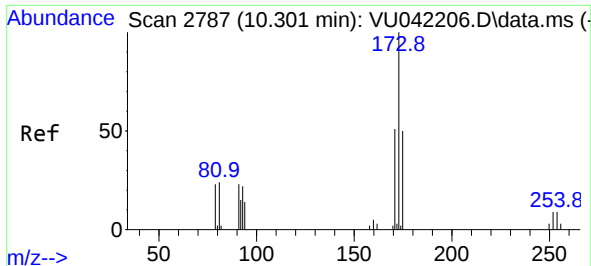
SAM
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#66
Styrene
Concen: 2.08 ug/l
RT: 10.124 min Scan# 2732
Delta R.T. 0.003 min
Lab File: VU042204.D
Acq: 28 Jan 2021 14:27

Tgt Ion:104 Resp: 23665
Ion Ratio Lower Upper
104 100
78 55.4 43.9 65.9
103 56.2 44.7 67.1





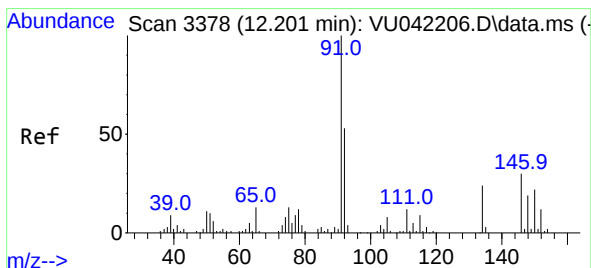
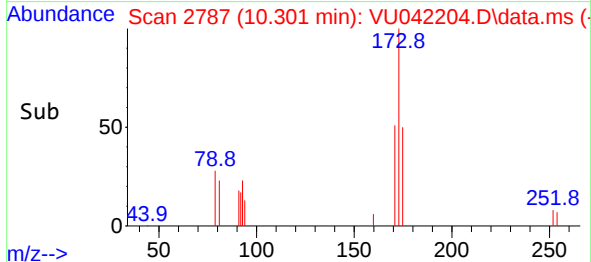
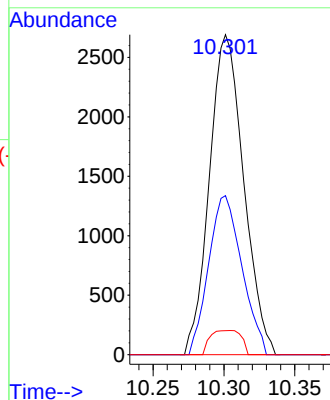
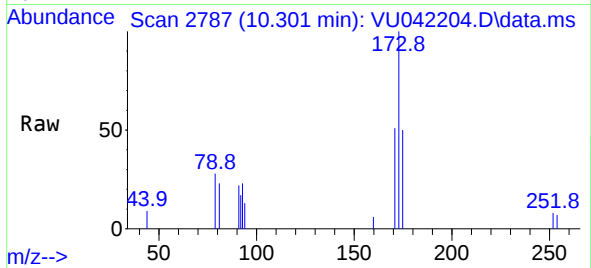
#67
Bromoform
Concen: 1.87 ug/l
RT: 10.301 min Scan# 2787
Delta R.T. -0.000 min
Lab File: VU042204.D
Acq: 28 Jan 2021 14:27

Tgt Ion:	173	Resp:	4524
Ion Ratio	Lower	Upper	
173	100		
175	48.2	40.0	60.0
254	6.8	6.8	10.2#

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

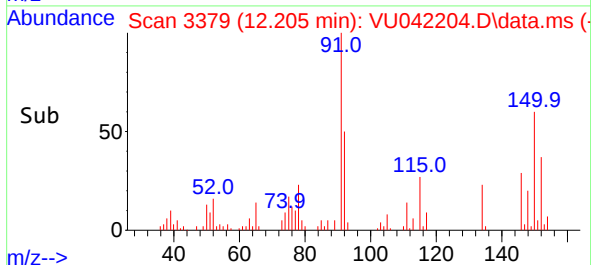
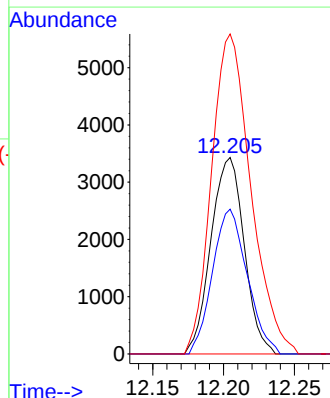
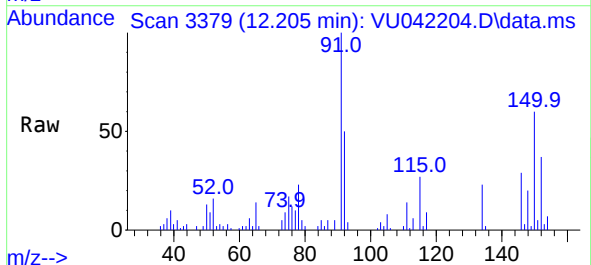
Manual Integrations
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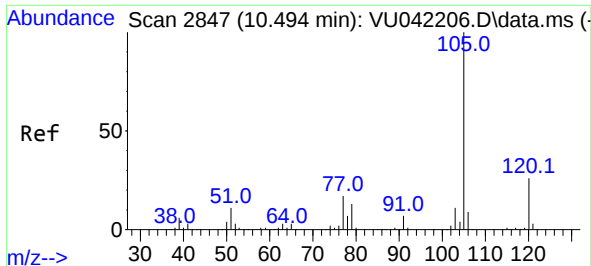
SAM
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#68
1,2-Dichlorobenzene-d4
Concen: 1.03 ug/l
RT: 12.205 min Scan# 3379
Delta R.T. 0.003 min
Lab File: VU042204.D
Acq: 28 Jan 2021 14:27

Tgt Ion:	152	Resp:	5607
Ion Ratio	Lower	Upper	
152	100		
115	77.0	0.0	243.2
150	192.2	0.0	642.6





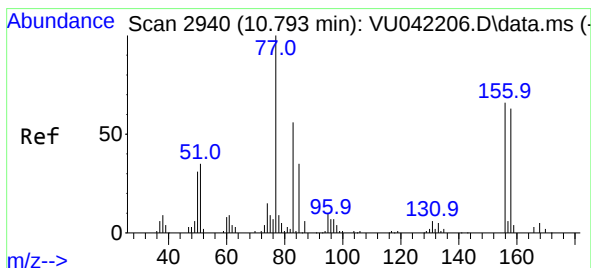
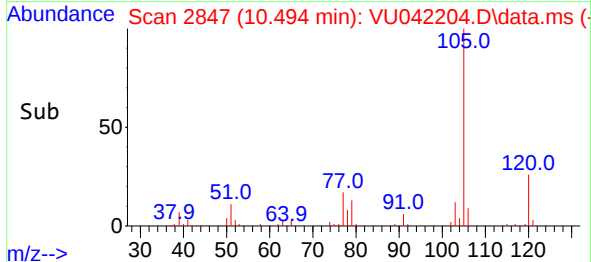
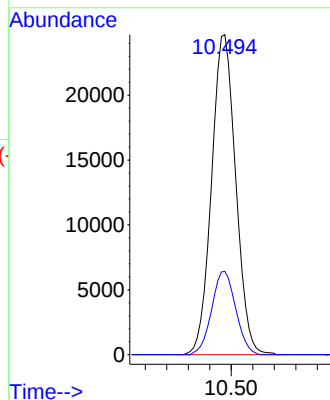
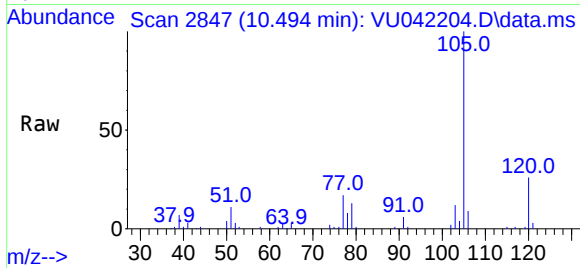
#69
Isopropylbenzene
Concen: 2.11 ug/l
RT: 10.494 min Scan# 2847
Delta R.T. -0.000 min
Lab File: VU042204.D
Acq: 28 Jan 2021 14:27

Tgt Ion: 105 Resp: 38481
Ion Ratio Lower Upper
105 100
120 25.9 13.1 39.1

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

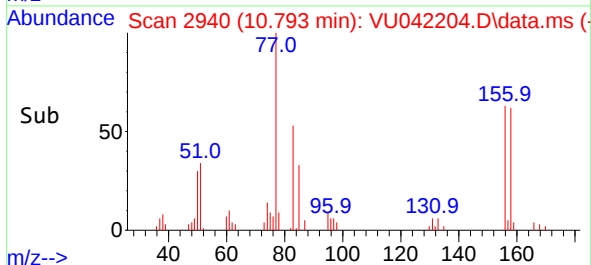
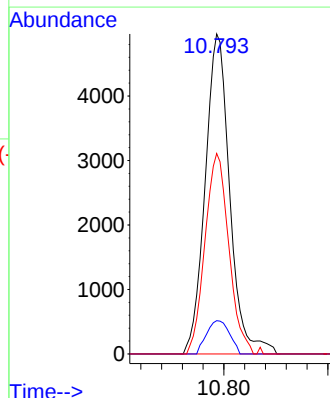
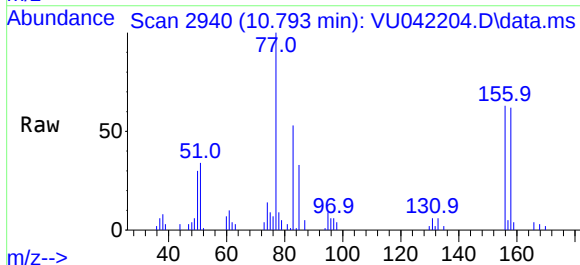
Manual Integrations
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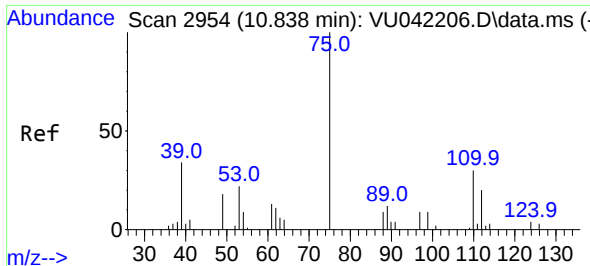
SAM
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#70
1,1,2,2-Tetrachloroethane
Concen: 2.18 ug/l
RT: 10.793 min Scan# 2940
Delta R.T. -0.000 min
Lab File: VU042204.D
Acq: 28 Jan 2021 14:27

Tgt Ion: 83 Resp: 8139
Ion Ratio Lower Upper
83 100
131 9.7 8.1 12.1
85 60.7 51.5 77.3





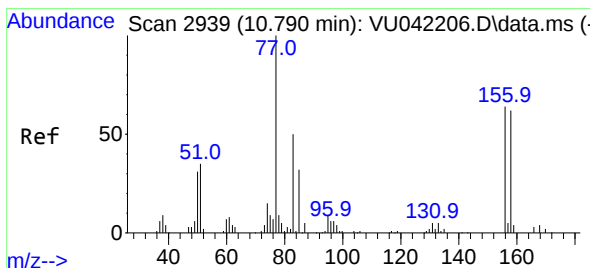
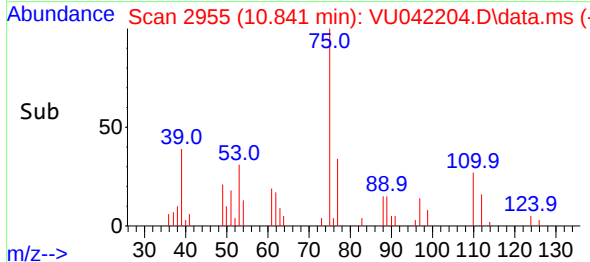
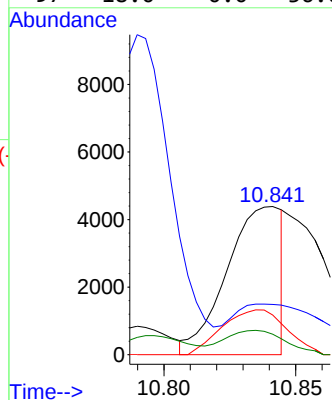
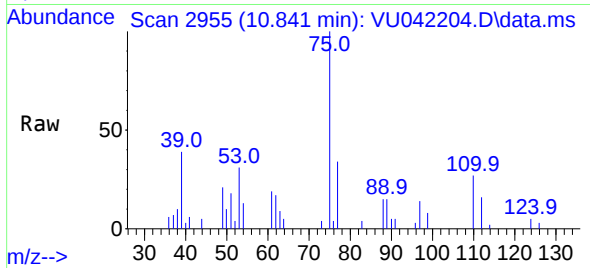
#71
1,2,3-Trichloropropane
Concen: 2.14 ug/l m
RT: 10.841 min Scan# 2955
Delta R.T. 0.003 min
Lab File: VU042204.D
Acq: 28 Jan 2021 14:27

Tgt Ion: 75	Resp: 6376
Ion Ratio	Lower Upper
75 100	
77 56.3	0.0 107.2
110 35.4	0.0 69.0
97 18.0	0.0 36.6

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

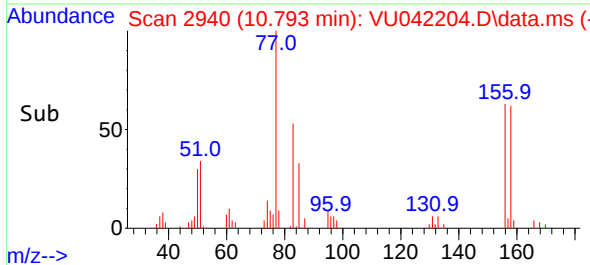
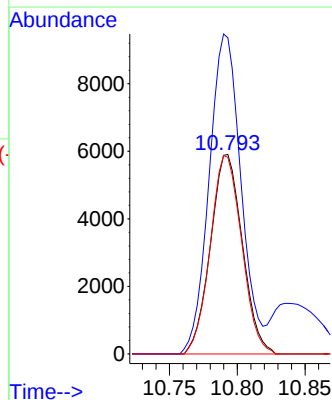
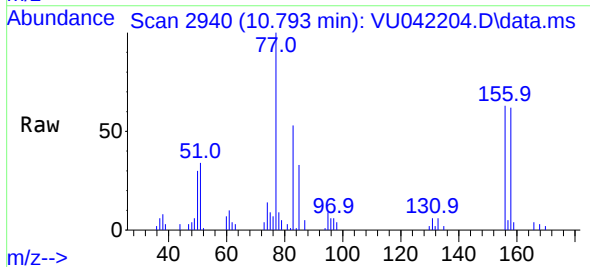
Manual Integrations
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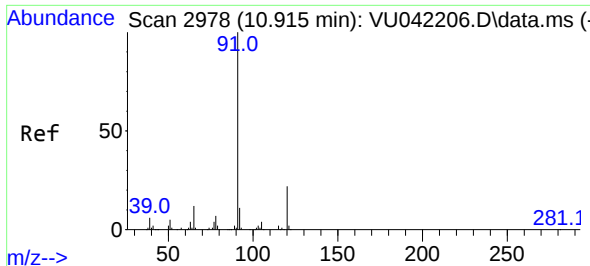
SAM
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#72
Bromobenzene
Concen: 2.10 ug/l
RT: 10.793 min Scan# 2940
Delta R.T. 0.003 min
Lab File: VU042204.D
Acq: 28 Jan 2021 14:27

Tgt Ion:156	Resp:	9674	
Ion	Ratio	Lower	Upper
156	100		
77	159.5	0.0	317.6
158	97.8	0.0	195.0





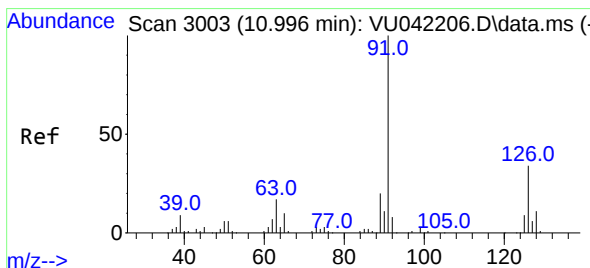
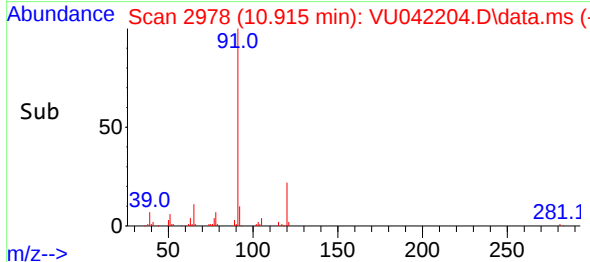
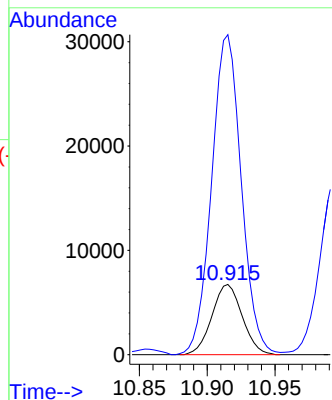
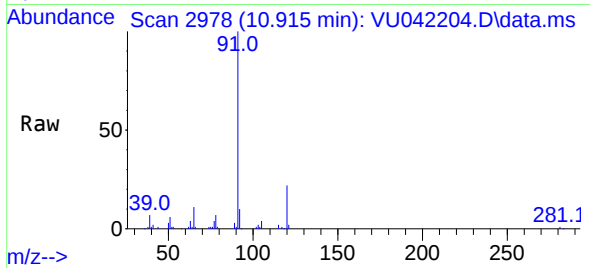
#73
n-propylbenzene
Concen: 2.21 ug/l
RT: 10.915 min Scan# 2978
Delta R.T. -0.000 min
Lab File: VU042204.D
Acq: 28 Jan 2021 14:27

Tgt Ion:120 Resp: 10458
Ion Ratio Lower Upper
120 100
91 446.3 355.1 532.7

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

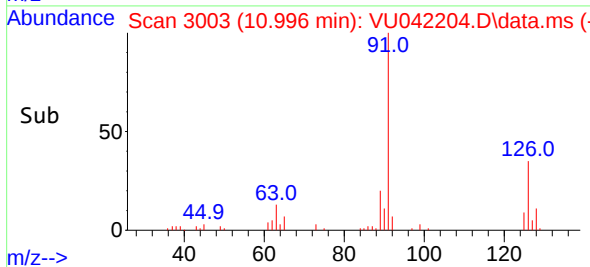
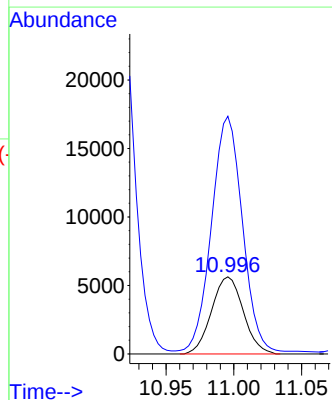
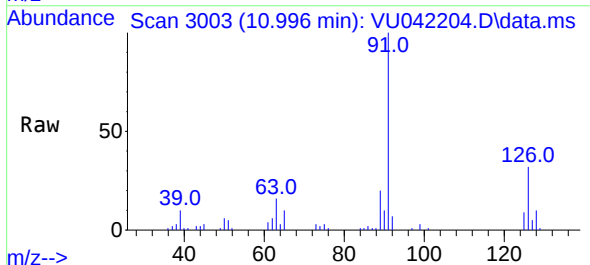
Manual Integrations
APPROVED

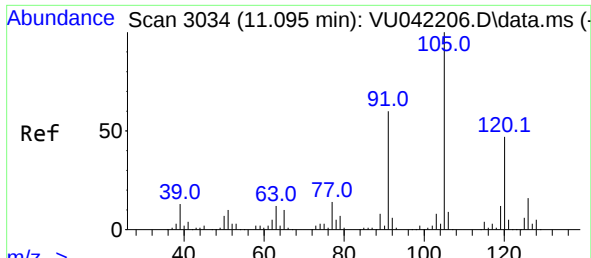
SAM
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#74
2-Chlorotoluene
Concen: 2.15 ug/l
RT: 10.996 min Scan# 3003
Delta R.T. -0.000 min
Lab File: VU042204.D
Acq: 28 Jan 2021 14:27

Tgt Ion:126 Resp: 9162
Ion Ratio Lower Upper
126 100
91 302.9 0.0 588.6





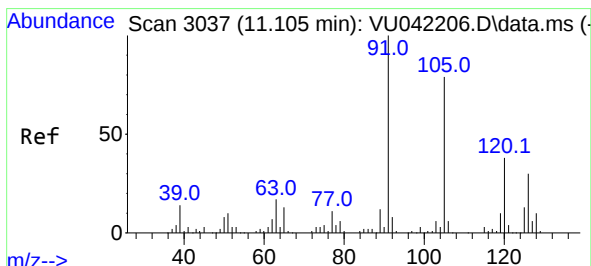
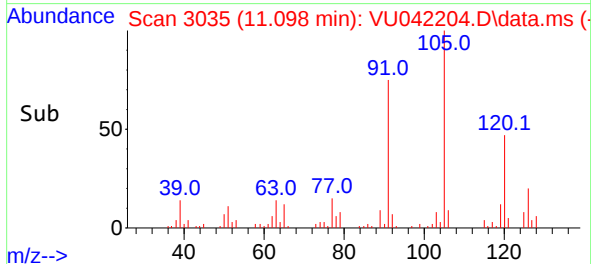
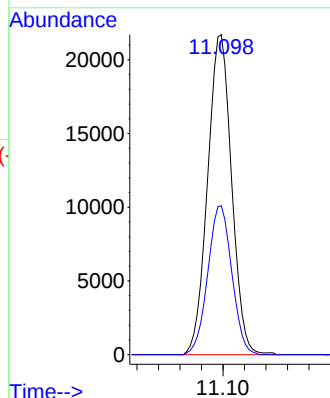
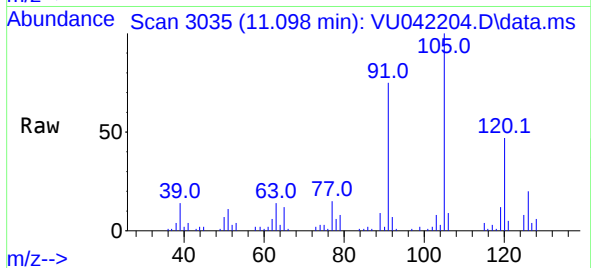
#75
1,3,5-Trimethylbenzene
Concen: 2.18 ug/l
RT: 11.098 min Scan# 3035
Delta R.T. 0.003 min
Lab File: VU042204.D
Acq: 28 Jan 2021 14:27

Tgt Ion:105 Resp: 33654
Ion Ratio Lower Upper
105 100
120 46.5 37.8 56.8

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

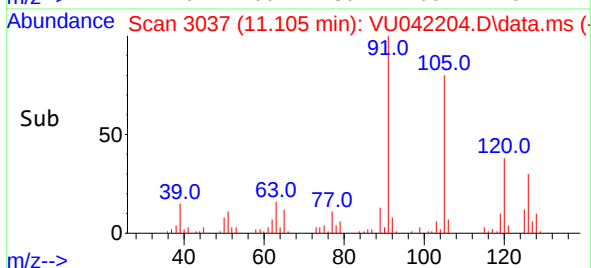
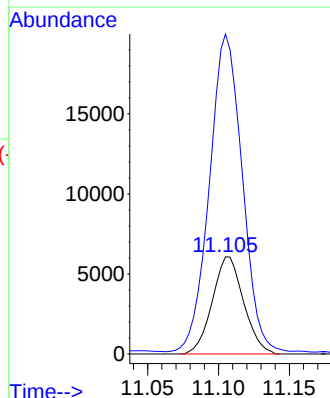
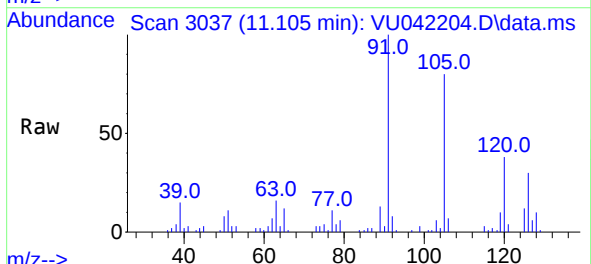
Manual Integrations
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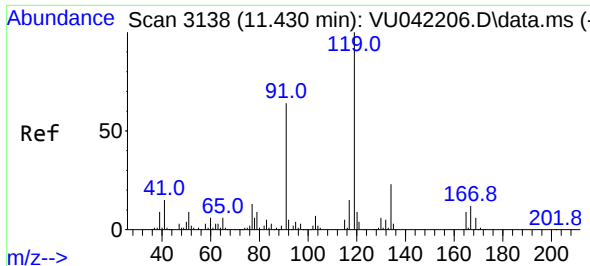
SAM
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#76
4-Chlorotoluene
Concen: 2.14 ug/l
RT: 11.105 min Scan# 3037
Delta R.T. -0.000 min
Lab File: VU042204.D
Acq: 28 Jan 2021 14:27

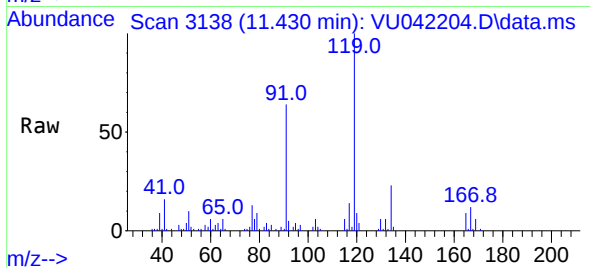
Tgt Ion:126 Resp: 9321
Ion Ratio Lower Upper
126 100
91 344.1 0.0 682.0





#77
tert-Butylbenzene
Concen: 2.14 ug/l
RT: 11.430 min Scan# 3138
Delta R.T. -0.000 min
Lab File: VU042204.D
Acq: 28 Jan 2021 14:27

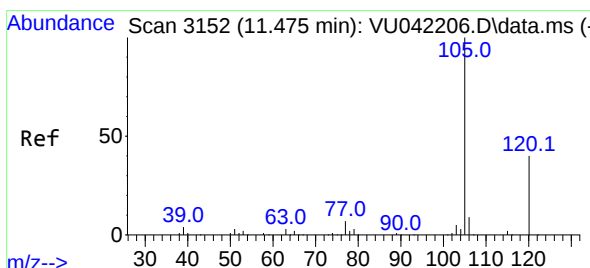
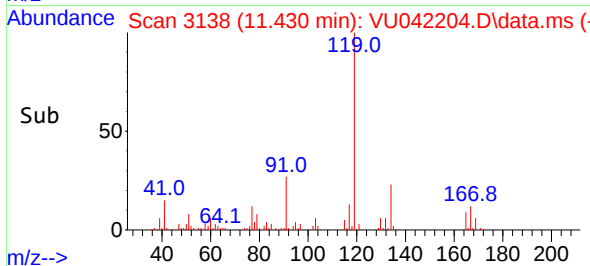
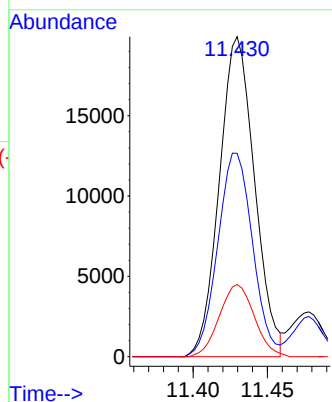
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002



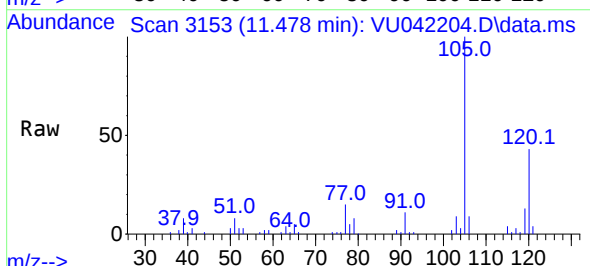
Tgt Ion:119 Resp: 32897
Ion Ratio Lower Upper
119 100
91 63.0 30.3 90.9
134 22.4 18.1 27.1

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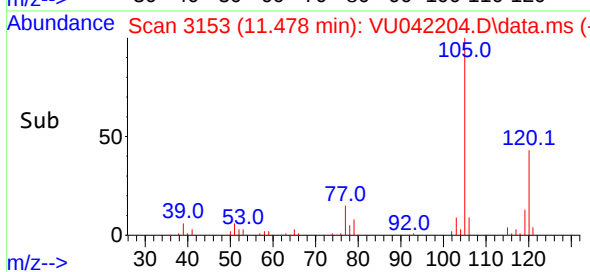
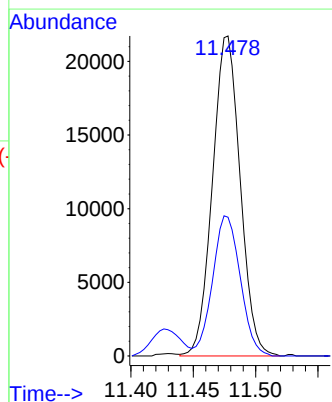
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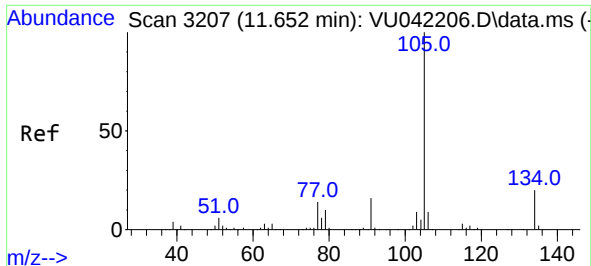


#78
1,2,4-Trimethylbenzene
Concen: 2.19 ug/l
RT: 11.478 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VU042204.D
Acq: 28 Jan 2021 14:27



Tgt Ion:105 Resp: 33628
Ion Ratio Lower Upper
105 100
120 43.8 22.5 67.5





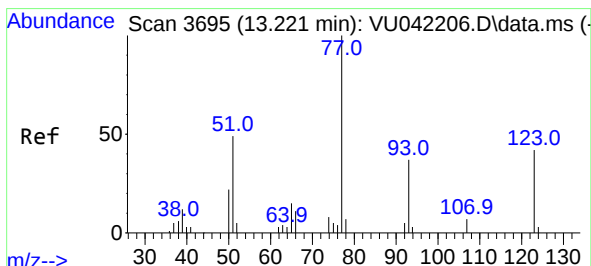
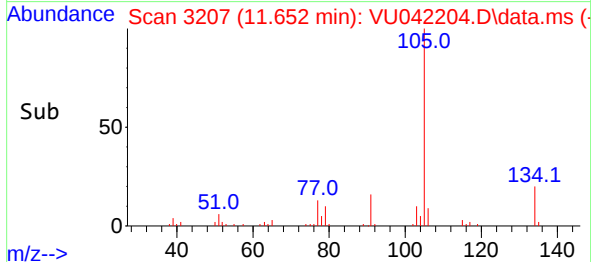
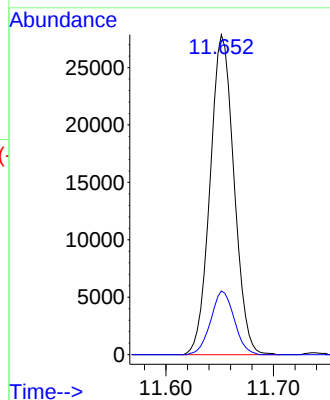
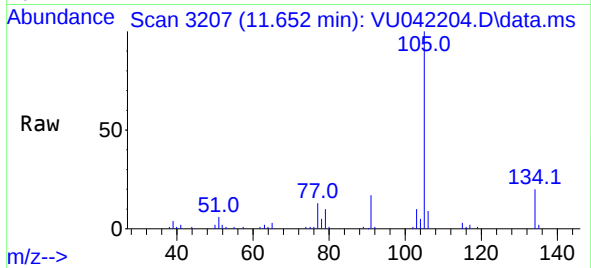
#79
 sec-Butylbenzene
 Concen: 2.21 ug/l
 RT: 11.652 min Scan# 3207
 Delta R.T. -0.000 min
 Lab File: VU042204.D
 Acq: 28 Jan 2021 14:27

Instrument :
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 ClientSampleId :
 VSTDIC002

Tgt Ion:105 Resp: 43052
 Ion Ratio Lower Upper
 105 100
 134 19.5 16.2 24.2

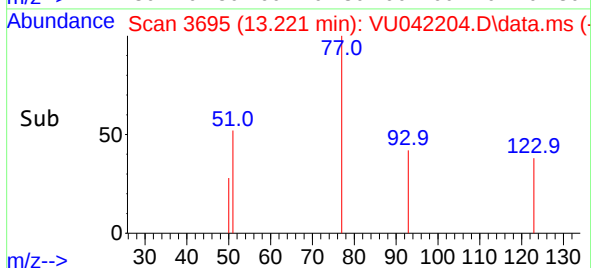
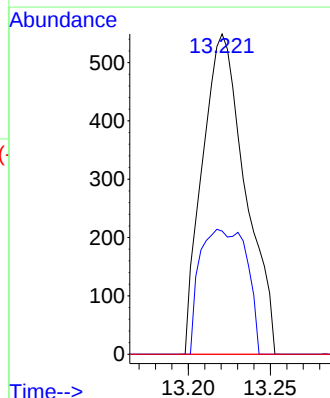
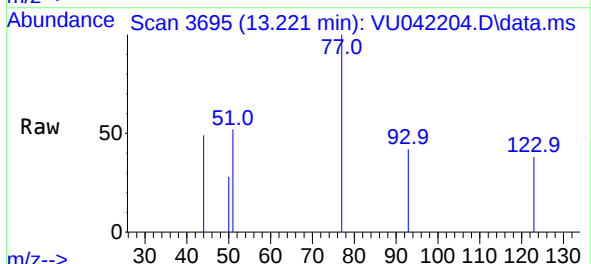
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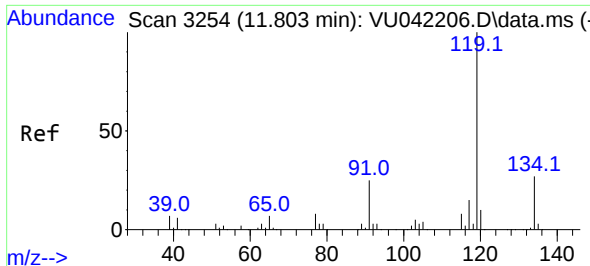
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#80
 Nitrobenzene
 Concen: 9.19 ug/l
 RT: 13.221 min Scan# 3695
 Delta R.T. -0.000 min
 Lab File: VU042204.D
 Acq: 28 Jan 2021 14:27

Tgt Ion: 77 Resp: 996
 Ion Ratio Lower Upper
 77 100
 123 42.5 18.3 64.7
 65 0.0 15.0 19.2#





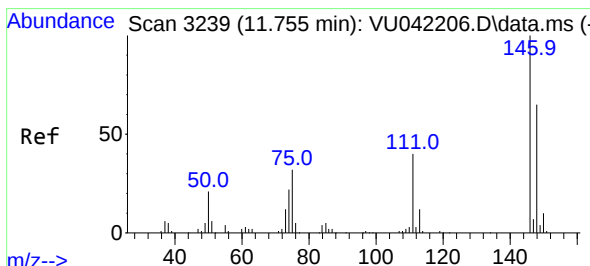
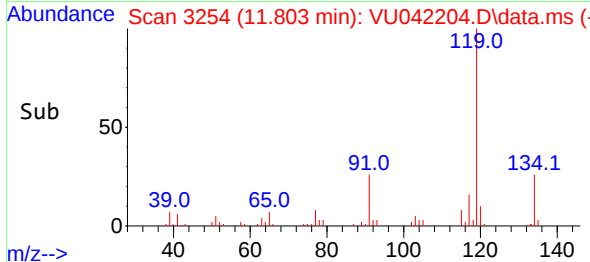
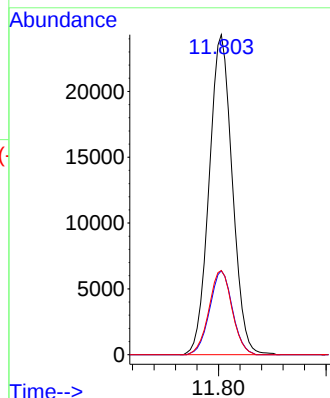
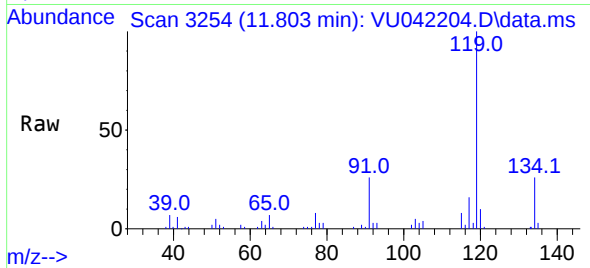
#81
p-Isopropyltoluene
Concen: 2.21 ug/l
RT: 11.803 min Scan# 3254
Delta R.T. -0.000 min
Lab File: VU042204.D
Acq: 28 Jan 2021 14:27

Tgt Ion:	119	Resp:	36319
Ion Ratio	Lower	Upper	
119	100		
134	25.7	21.5	32.3
91	26.2	20.2	30.4

Instrument :
MSVOA_U
ClientSampleId :
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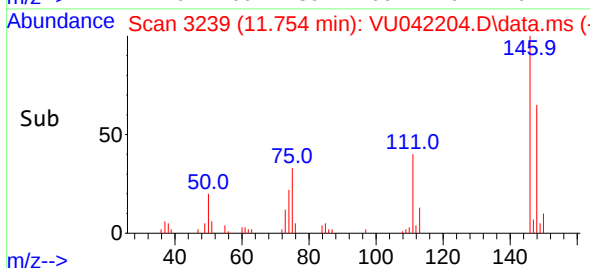
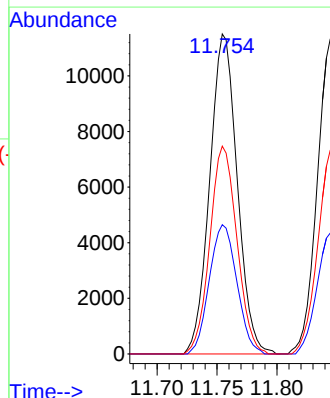
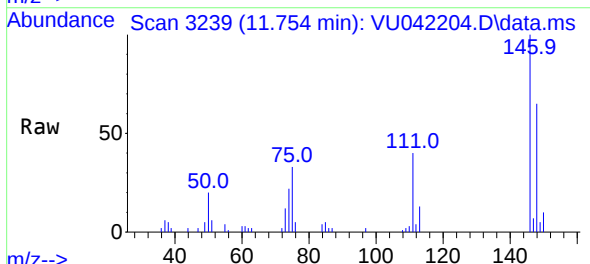
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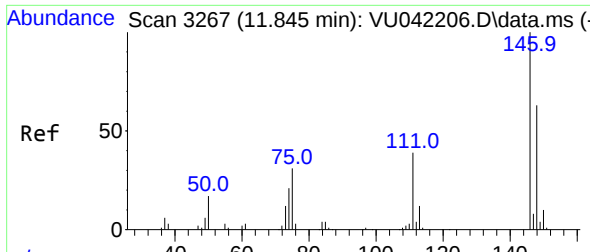
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#82
1,3-Dichlorobenzene
Concen: 2.16 ug/l
RT: 11.754 min Scan# 3239
Delta R.T. -0.000 min
Lab File: VU042204.D
Acq: 28 Jan 2021 14:27

Tgt Ion:	146	Resp:	18306
Ion Ratio	Lower	Upper	
146	100		
111	40.5	32.1	48.1
148	64.1	51.5	77.3





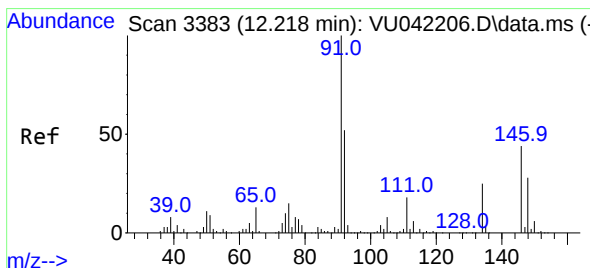
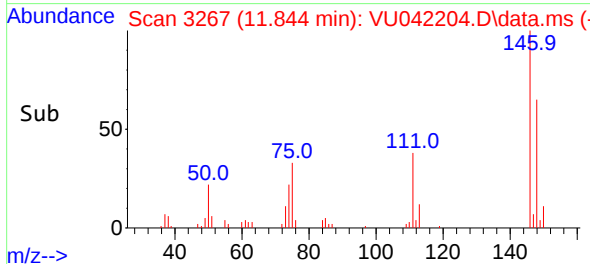
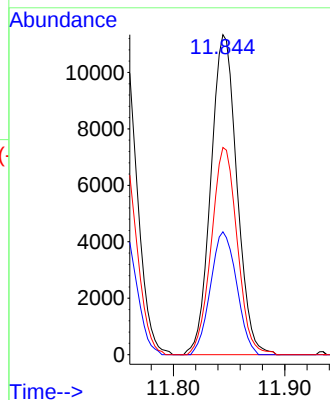
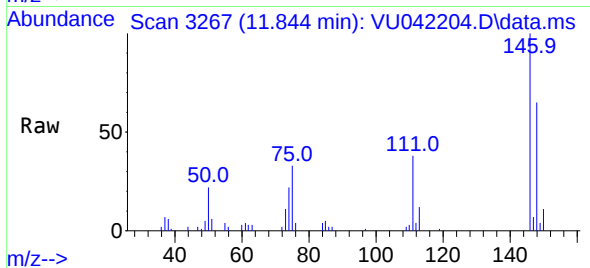
#83
1,4-Dichlorobenzene
Concen: 2.20 ug/l
RT: 11.844 min Scan# 3267
Delta R.T. -0.000 min
Lab File: VU042204.D
Acq: 28 Jan 2021 14:27

Tgt Ion:	146	Resp:	18423
Ion	Ratio	Lower	Upper
146	100		
111	38.5	30.7	46.1
148	64.4	50.3	75.5

Instrument :
MSVOA_U
ClientSampled :
VSTDIC002

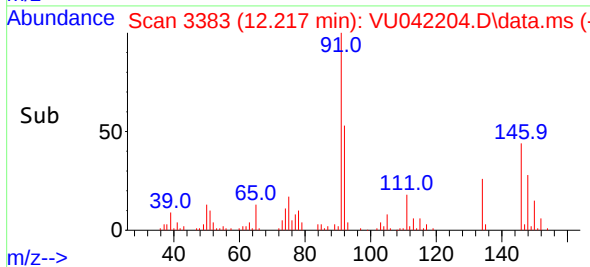
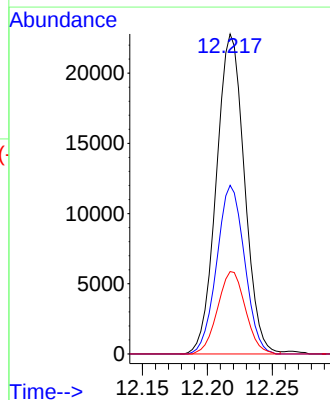
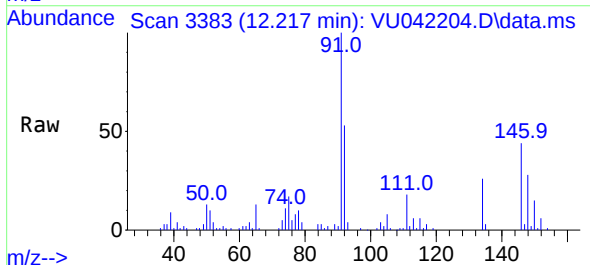
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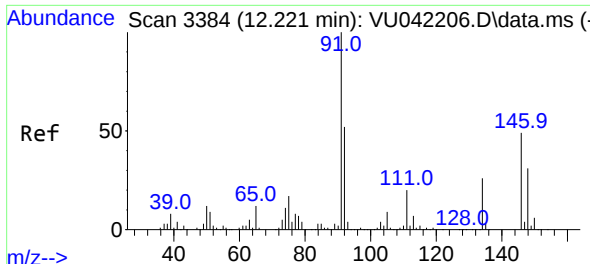
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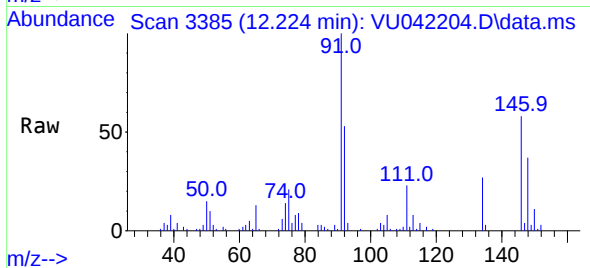
#84
n-Butylbenzene
Concen: 2.36 ug/l
RT: 12.217 min Scan# 3383
Delta R.T. -0.000 min
Lab File: VU042204.D
Acq: 28 Jan 2021 14:27

Tgt Ion:	91	Resp:	34235
Ion	Ratio	Lower	Upper
91	100		
92	52.1	41.8	62.8
134	25.5	20.3	30.5

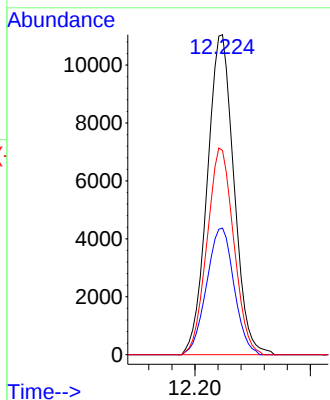
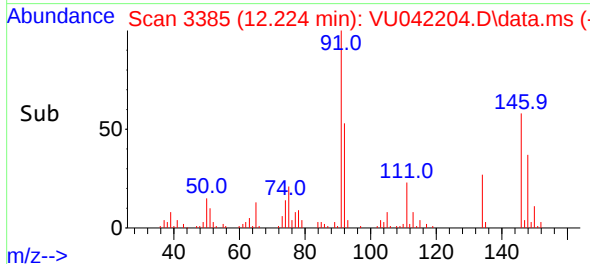




#85
1,2-Dichlorobenzene
Concen: 2.16 ug/l
RT: 12.224 min Scan# 3385
Delta R.T. 0.003 min
Lab File: VU042204.D
Acq: 28 Jan 2021 14:27



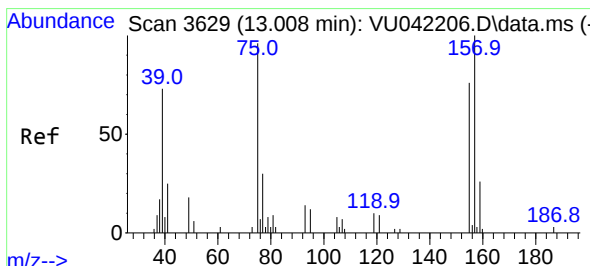
Tgt Ion:146 Resp: 17711
Ion Ratio Lower Upper
146 100
111 40.7 20.6 61.8
148 64.7 32.1 96.3



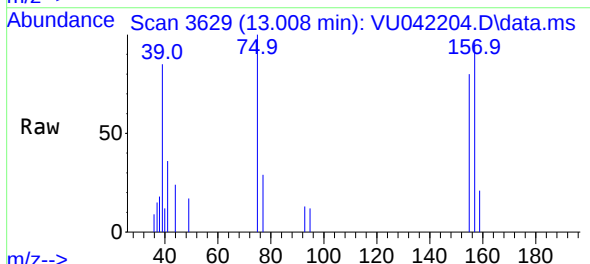
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

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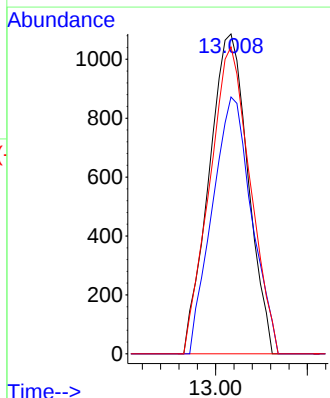
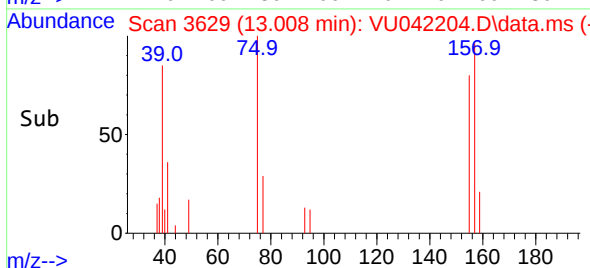
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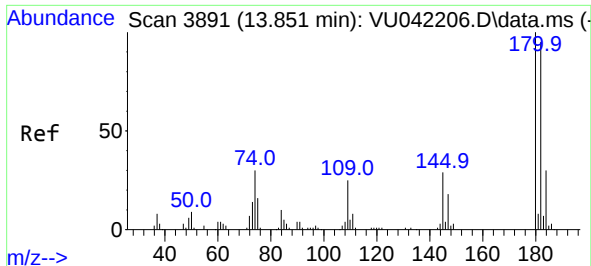


#86
1,2-Dibromo-3-Chloropropane
Concen: 2.11 ug/l
RT: 13.008 min Scan# 3629
Delta R.T. -0.000 min
Lab File: VU042204.D
Acq: 28 Jan 2021 14:27



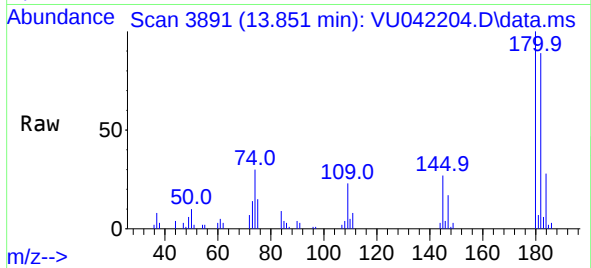
Tgt Ion: 75 Resp: 1603
Ion Ratio Lower Upper
75 100
155 81.2 65.4 98.0
157 100.0 83.3 124.9





#87
1,2,4-Trichlorobenzene
Concen: 2.49 ug/l
RT: 13.851 min Scan# 3891
Delta R.T. -0.000 min
Lab File: VU042204.D
Acq: 28 Jan 2021 14:27

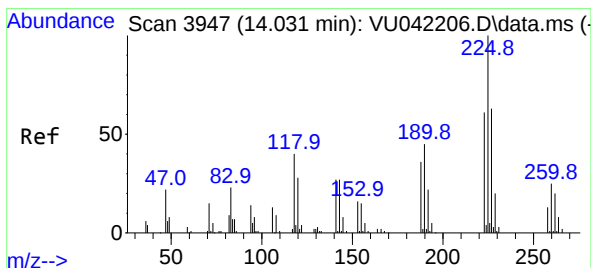
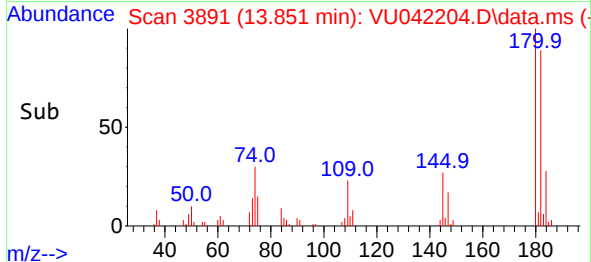
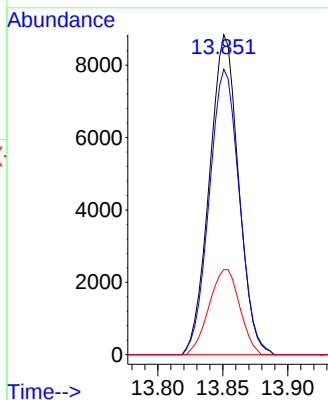
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002



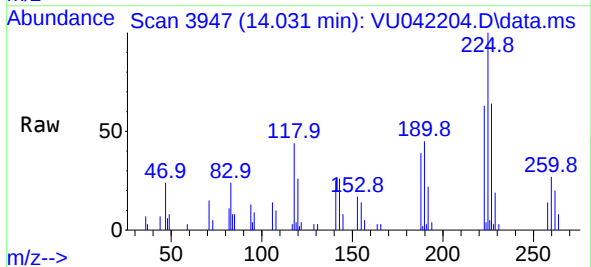
Tgt Ion:180 Resp: 13808
Ion Ratio Lower Upper
180 100
182 92.1 76.7 115.1
145 28.0 23.4 35.0

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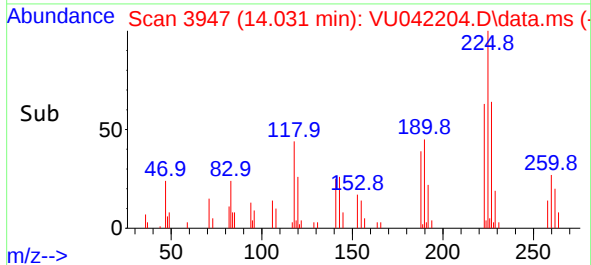
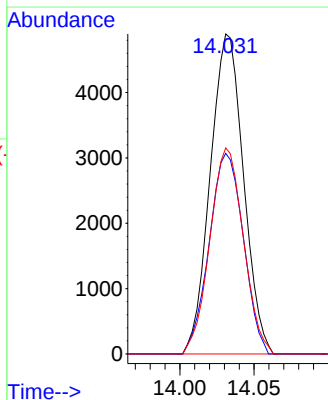
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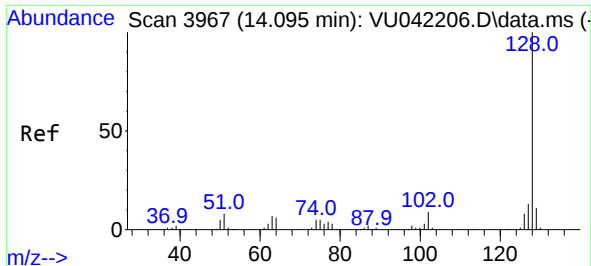


#88
Hexachlorobutadiene
Concen: 2.31 ug/l
RT: 14.031 min Scan# 3947
Delta R.T. -0.000 min
Lab File: VU042204.D
Acq: 28 Jan 2021 14:27

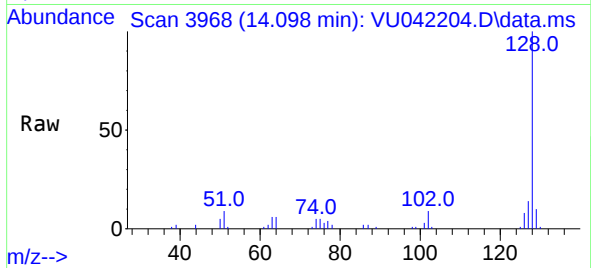


Tgt Ion:225 Resp: 7624
Ion Ratio Lower Upper
225 100
223 64.3 49.8 74.6
227 64.8 50.6 76.0

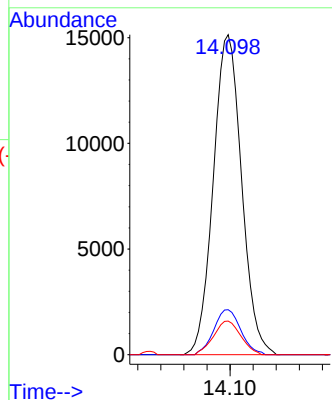
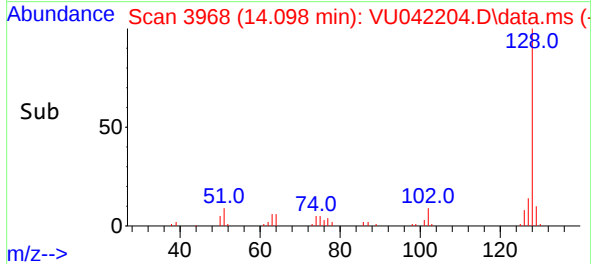




#89
Naphthalene
Concen: 2.60 ug/l
RT: 14.098 min Scan# 3968
Delta R.T. 0.003 min
Lab File: VU042204.D
Acq: 28 Jan 2021 14:27



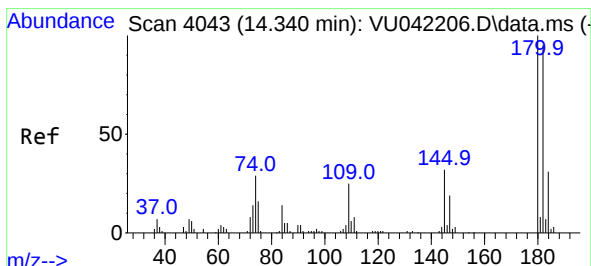
Tgt Ion:128 Resp: 25757
Ion Ratio Lower Upper
128 100
127 13.4 11.0 16.4
129 10.2 8.9 13.3



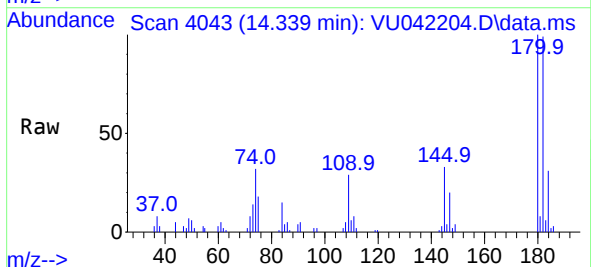
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Manual Integrations
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#90
1,2,3-Trichlorobenzene
Concen: 2.35 ug/l
RT: 14.339 min Scan# 4043
Delta R.T. -0.000 min
Lab File: VU042204.D
Acq: 28 Jan 2021 14:27



Tgt Ion:180 Resp: 12342
Ion Ratio Lower Upper
180 100
182 96.6 76.5 114.7
145 31.9 25.4 38.0

