

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041321\
 Data File : VU043070.D
 Acq On : 13 Apr 2021 23:06
 Operator : SY/MD
 Sample : VU0413WBSD02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0413WBSD02

Manual Integrations
 APPROVED

MMDadoda
 4/14/2021 9:54:51 AM

Quant Time: Apr 14 03:57:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U041221W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 12 13:17:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.382	168	120328	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	192311	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	179207	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	94867	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	97731	48.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.62%	
35) Dibromofluoromethane	5.295	113	68523	47.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.84%	
50) Toluene-d8	7.906	98	241896	47.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.62%	
62) 4-Bromofluorobenzene	10.639	95	93116	45.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.96%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	22205	17.89	ug/l	99
3) Chloromethane	1.523	50	25102	18.21	ug/l	99
4) Vinyl Chloride	1.607	62	25078	18.53	ug/l	94
5) Bromomethane	1.851	94	13835	18.75	ug/l	98
6) Chloroethane	1.932	64	16541	17.69	ug/l	99
7) Trichlorofluoromethane	2.141	101	41423	18.01	ug/l	99
8) Diethyl Ether	2.382	74	13947	18.93	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.584	101	21794	18.41	ug/l	96
10) Methyl Iodide	2.729	142	22240	14.26	ug/l	97
11) Tert butyl alcohol	3.199	59	50691	97.23	ug/l #	77
12) 1,1-Dichloroethene	2.584	96	20980	18.62	ug/l	97
13) Acrolein	2.491	56	22794	77.64	ug/l	96
14) Allyl chloride	2.929	41	48904	17.89	ug/l	99
15) Acrylonitrile	3.321	53	100783	89.87	ug/l	98
16) Acetone	2.633	43	103961	87.13	ug/l	99
17) Carbon Disulfide	2.797	76	60273	17.40	ug/l	100
18) Methyl Acetate	2.954	43	48182	19.06	ug/l	100
19) Methyl tert-butyl Ether	3.372	73	84958	19.09	ug/l	95
20) Methylene Chloride	3.051	84	25711	17.90	ug/l	96
21) trans-1,2-Dichloroethene	3.359	96	24003	18.24	ug/l	98
22) Diisopropyl ether	3.999	45	97184	18.59	ug/l	92
23) Vinyl Acetate	3.964	43	474334	93.73	ug/l	100
24) 1,1-Dichloroethane	3.877	63	48732	18.43	ug/l	99
25) 2-Butanone	4.710	43	165852	90.26	ug/l	97
26) 2,2-Dichloropropane	4.674	77	39073	16.85	ug/l	99
27) cis-1,2-Dichloroethene	4.674	96	27837	18.59	ug/l	99
28) Bromochloromethane	4.983	49	25289	18.75	ug/l	97
29) Tetrahydrofuran	5.057	42	107033	92.50	ug/l	96
30) Chloroform	5.096	83	51381	18.35	ug/l	97
31) Cyclohexane	5.395	56	46475	18.62	ug/l	96
32) 1,1,1-Trichloroethane	5.324	97	45884	18.54	ug/l	98
36) 1,1-Dichloropropene	5.533	75	36281	17.78	ug/l	98
37) Ethyl Acetate	4.809	43	61639	17.67	ug/l	99
38) Carbon Tetrachloride	5.533	117	39026	17.84	ug/l	96
39) Methylcyclohexane	6.771	83	38722	17.26	ug/l	96
40) Benzene	5.781	78	103417	17.74	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.980	41	32163	17.54	ug/l	98
42) 1,2-Dichloroethane	5.800	62	46967	18.16	ug/l	98
43) Isopropyl Acetate	5.919	43	91603	18.41	ug/l	96
44) Trichloroethene	6.549	130	26435	17.88	ug/l	99
45) 1,2-Dichloropropane	6.797	63	29013	17.86	ug/l	95
46) Dibromomethane	6.925	93	21065	18.34	ug/l	96
47) Bromodichloromethane	7.115	83	39862	17.58	ug/l	97
48) Methyl methacrylate	6.967	41	45163	18.08	ug/l	95
49) 1,4-Dioxane	6.983	88	18981	379.29	ug/l #	96
51) 4-Methyl-2-Pentanone	7.800	43	318284	86.47	ug/l	98
52) Toluene	7.977	92	64818	17.94	ug/l	99
53) t-1,3-Dichloropropene	8.218	75	42815	17.01	ug/l	96
54) cis-1,3-Dichloropropene	7.613	75	44995	17.60	ug/l	95
55) 1,1,2-Trichloroethane	8.407	97	26752	17.26	ug/l	98
56) Ethyl methacrylate	8.340	69	45785	18.03	ug/l	95
57) 1,3-Dichloropropane	8.581	76	47881	17.88	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.469	63	91864	91.79	ug/l	99
59) 2-Hexanone	8.690	43	258724	85.36	ug/l	99
60) Dibromochloromethane	8.816	129	30249	16.87	ug/l	96
61) 1,2-Dibromoethane	8.932	107	30980	17.72	ug/l	97
64) Tetrachloroethene	8.562	164	22859	17.58	ug/l	97
65) Chlorobenzene	9.452	112	69792	18.16	ug/l	97
66) 1,1,1,2-Tetrachloroethane	9.542	131	27114	18.46	ug/l	99
67) Ethyl Benzene	9.578	91	130660	18.84	ug/l	100
68) m/p-Xylenes	9.700	106	94766	36.93	ug/l	100
69) o-Xylene	10.105	106	46804	18.69	ug/l	100
70) Styrene	10.121	104	76188	18.06	ug/l	99
71) Bromoform	10.298	173	25446	16.81	ug/l #	97
73) Isopropylbenzene	10.491	105	126791	19.91	ug/l	99
74) N-amyl acetate	10.327	43	77804	19.02	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.790	83	50182	18.10	ug/l	98
76) 1,2,3-Trichloropropane	10.832	75	48912m	17.64	ug/l	
77) Bromobenzene	10.790	156	34394	19.39	ug/l	97
78) n-propylbenzene	10.912	91	147422	19.34	ug/l	99
79) 2-Chlorotoluene	10.993	91	88155	19.03	ug/l	100
80) 1,3,5-Trimethylbenzene	11.095	105	106192	18.89	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.552	75	15457	16.38	ug/l	92
82) 4-Chlorotoluene	11.102	91	102631	18.44	ug/l	99
83) tert-Butylbenzene	11.427	119	106655	19.30	ug/l	99
84) 1,2,4-Trimethylbenzene	11.475	105	107624	18.64	ug/l	99
85) sec-Butylbenzene	11.648	105	121949	18.83	ug/l	97
86) p-Isopropyltoluene	11.800	119	110795	18.59	ug/l	99
87) 1,3-Dichlorobenzene	11.751	146	58135	18.08	ug/l	99
88) 1,4-Dichlorobenzene	11.841	146	58325	17.39	ug/l	98
89) n-Butylbenzene	12.214	91	99380	17.80	ug/l	97
90) Hexachloroethane	12.484	117	19372	17.34	ug/l	100
91) 1,2-Dichlorobenzene	12.221	146	57930	17.63	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	13.005	75	14922	19.01	ug/l	96
93) 1,2,4-Trichlorobenzene	13.848	180	40611	19.64	ug/l	98
94) Hexachlorobutadiene	14.028	225	20713	18.71	ug/l	96
95) Naphthalene	14.095	128	129701	20.60	ug/l	99
96) 1,2,3-Trichlorobenzene	14.336	180	40877	20.30	ug/l	98

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ALS Vial : 35 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Mon Apr 12 13:17:29 2021
Response via : Initial Calibration

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

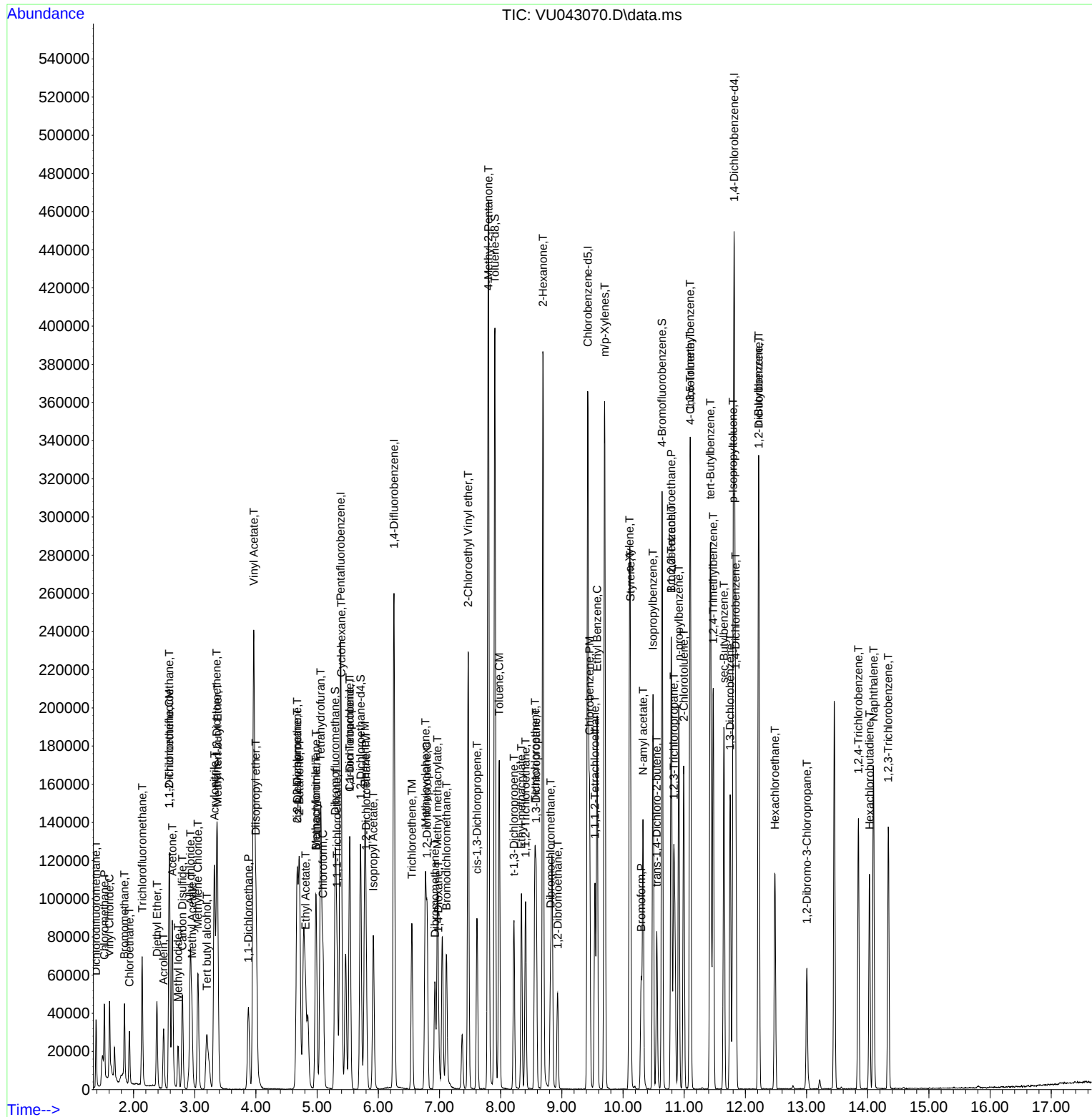
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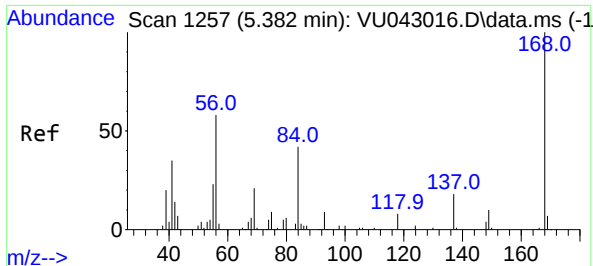
Instrument :
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ClientSampled :
VU0413WBSD02

Manual Integrations
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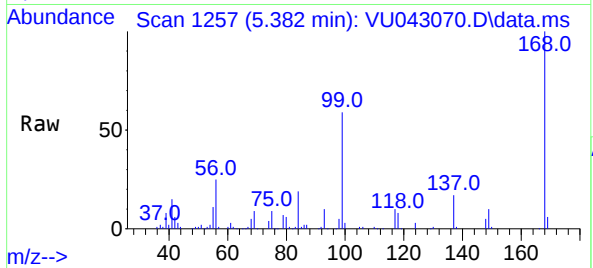
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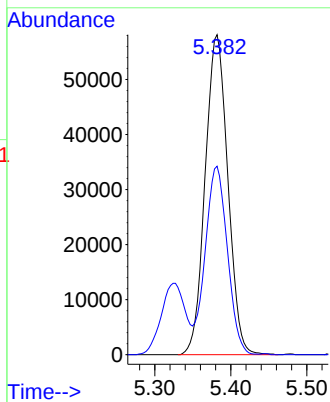
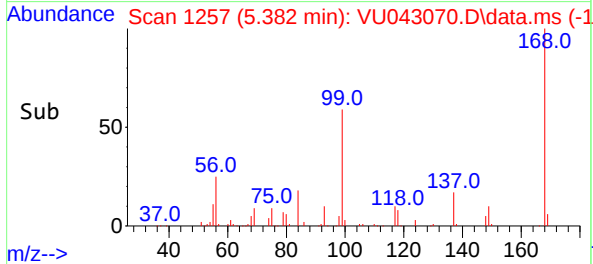




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043070.D
Acq: 13 Apr 2021 23:06



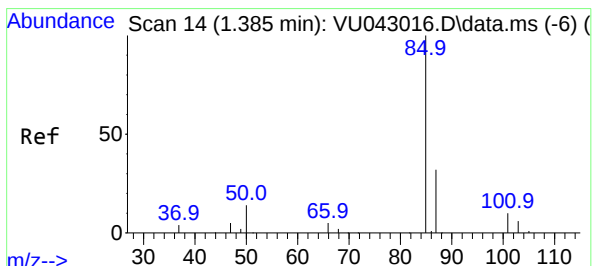
Tgt Ion: 168 Resp: 120328
Ion Ratio Lower Upper
168 100
99 58.9 45.0 67.4



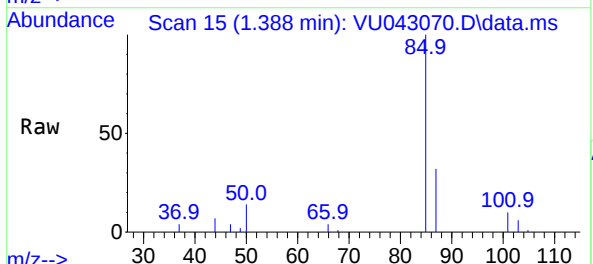
Instrument :
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ClientSampleId :
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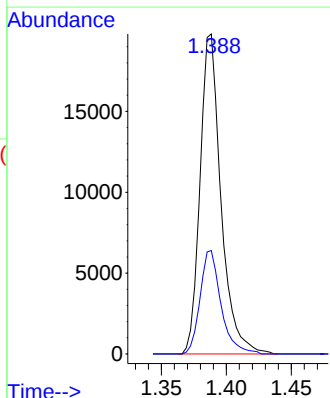
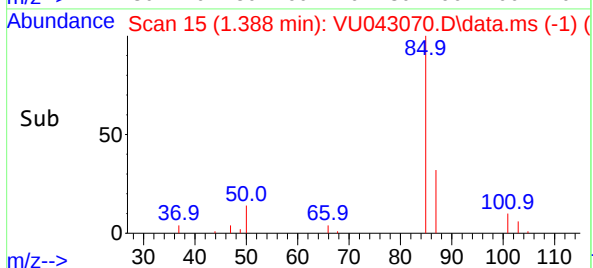
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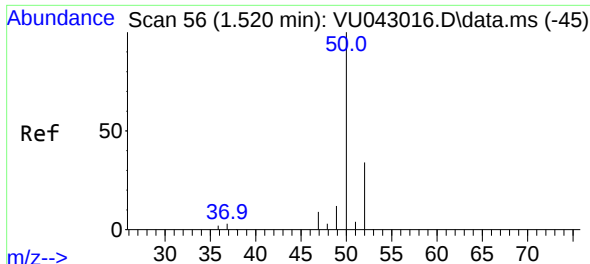


#2
Dichlorodifluoromethane
Concen: 17.89 ug/l
RT: 1.388 min Scan# 15
Delta R.T. 0.003 min
Lab File: VU043070.D
Acq: 13 Apr 2021 23:06



Tgt Ion: 85 Resp: 22205
Ion Ratio Lower Upper
85 100
87 32.3 16.5 49.5





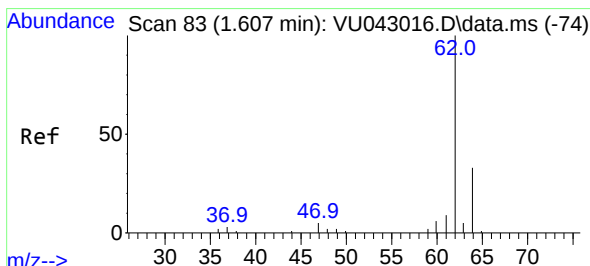
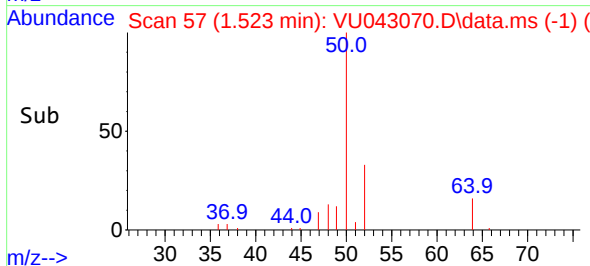
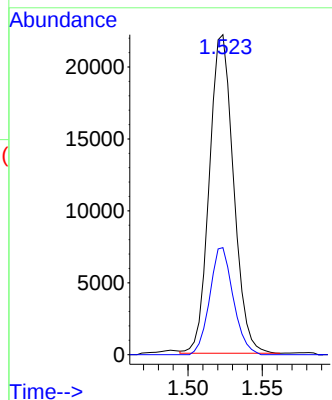
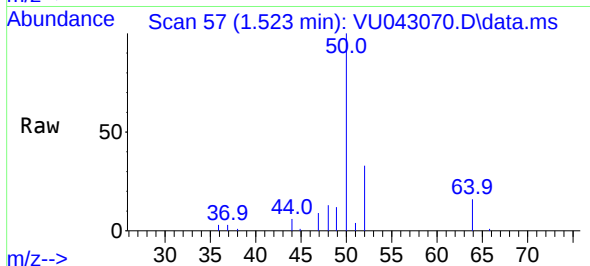
#3
Chloromethane
Concen: 18.21 ug/l
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU043070.D
Acq: 13 Apr 2021 23:06

Tgt Ion: 50 Resp: 25102
Ion Ratio Lower Upper
50 100
52 33.6 26.6 40.0

Instrument :
MSVOA_U
ClientSampleId :
VU0413WBSD02

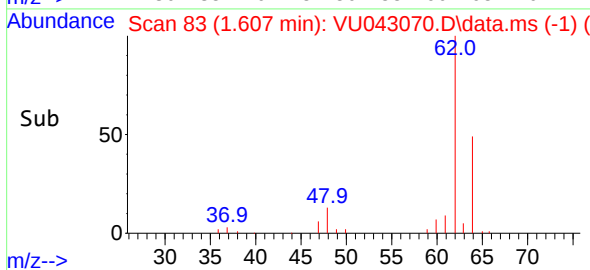
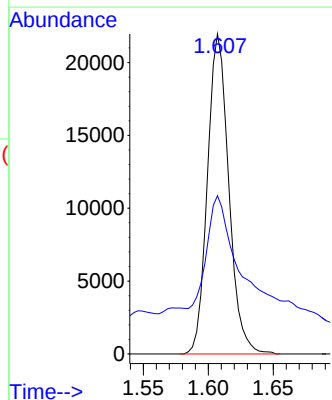
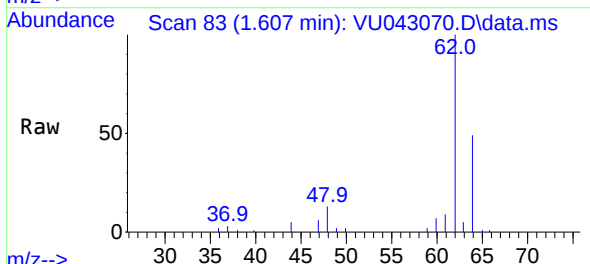
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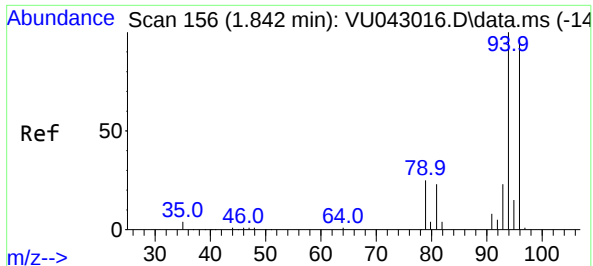
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#4
Vinyl Chloride
Concen: 18.53 ug/l
RT: 1.607 min Scan# 83
Delta R.T. 0.000 min
Lab File: VU043070.D
Acq: 13 Apr 2021 23:06

Tgt Ion: 62 Resp: 25078
Ion Ratio Lower Upper
62 100
64 35.1 25.2 37.8





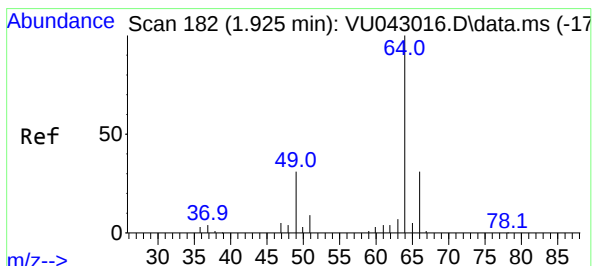
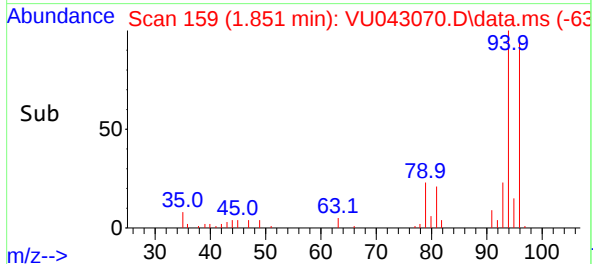
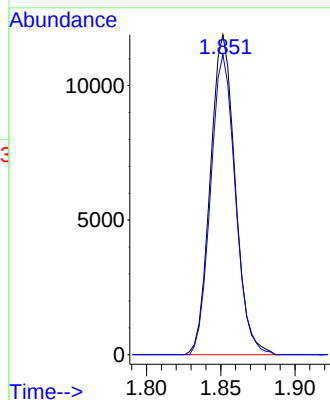
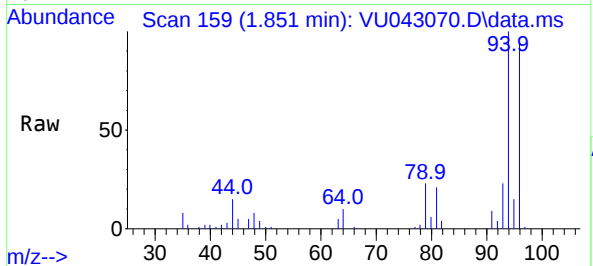
#5
Bromomethane
Concen: 18.75 ug/l
RT: 1.851 min Scan# 159
Delta R.T. 0.009 min
Lab File: VU043070.D
Acq: 13 Apr 2021 23:06

Tgt Ion: 94 Resp: 13835
Ion Ratio Lower Upper
94 100
96 93.7 76.6 115.0

Instrument :
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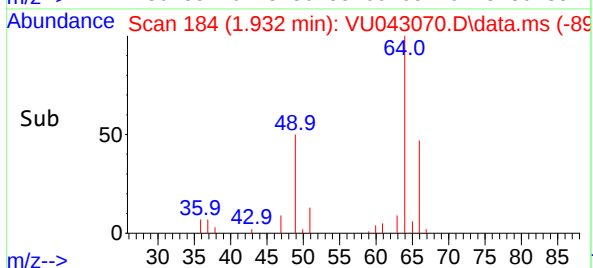
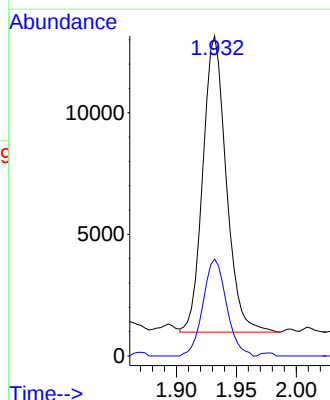
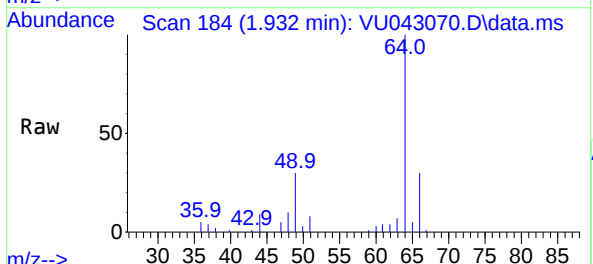
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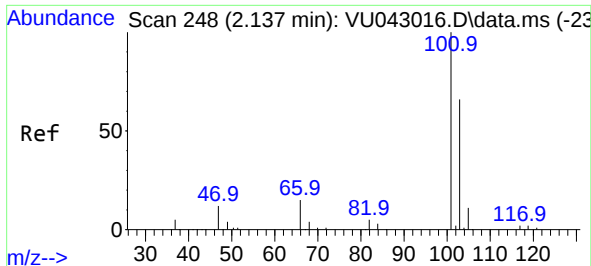
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#6
Chloroethane
Concen: 17.69 ug/l
RT: 1.932 min Scan# 184
Delta R.T. 0.007 min
Lab File: VU043070.D
Acq: 13 Apr 2021 23:06

Tgt Ion: 64 Resp: 16541
Ion Ratio Lower Upper
64 100
66 32.7 26.4 39.6





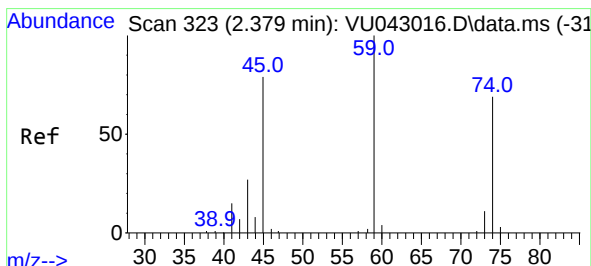
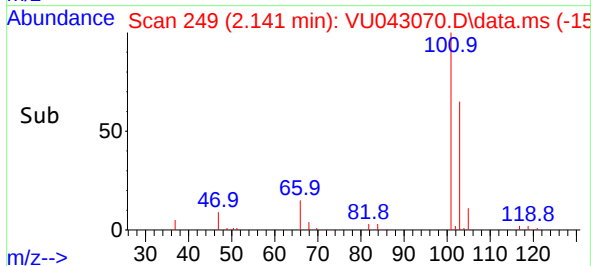
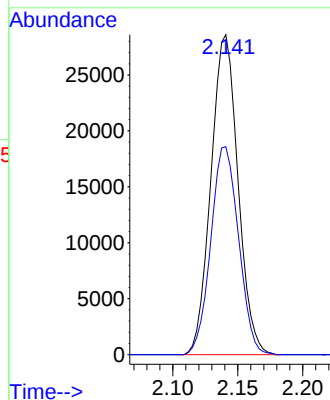
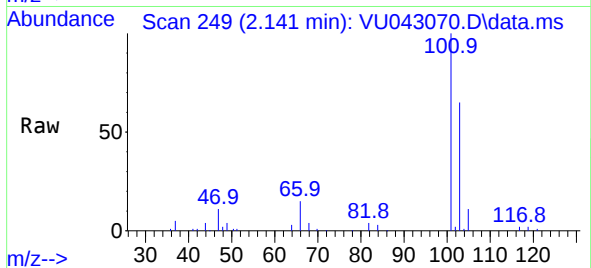
#7
Trichlorofluoromethane
Concen: 18.01 ug/l
RT: 2.141 min Scan# 249
Delta R.T. 0.004 min
Lab File: VU043070.D
Acq: 13 Apr 2021 23:06

Tgt Ion:101 Resp: 41423
Ion Ratio Lower Upper
101 100
103 65.0 51.3 76.9

Instrument :
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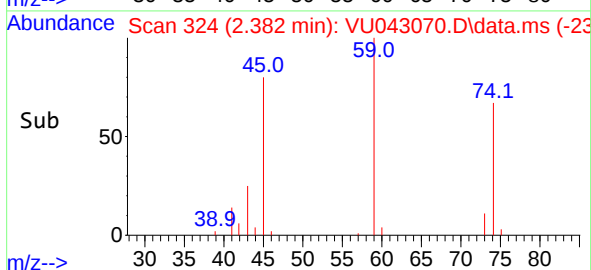
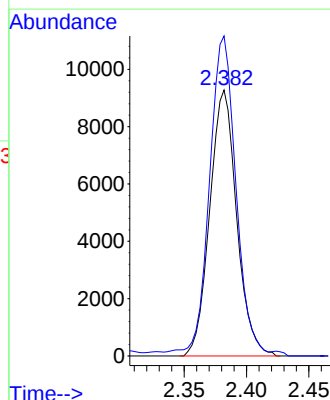
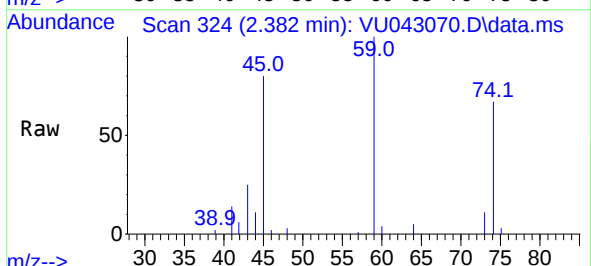
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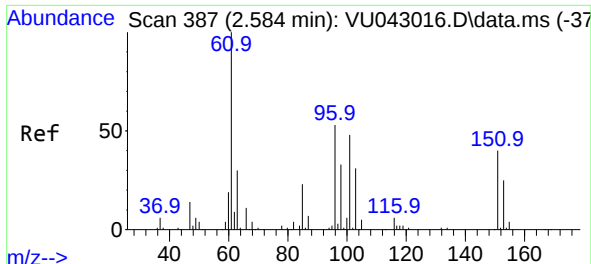
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#8
Diethyl Ether
Concen: 18.93 ug/l
RT: 2.382 min Scan# 324
Delta R.T. 0.003 min
Lab File: VU043070.D
Acq: 13 Apr 2021 23:06

Tgt Ion: 74 Resp: 13947
Ion Ratio Lower Upper
74 100
45 119.6 56.9 170.6





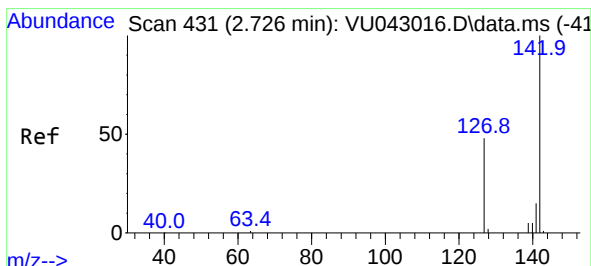
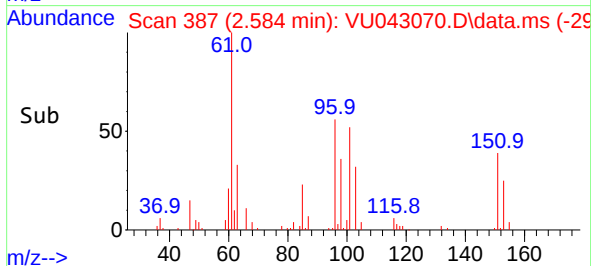
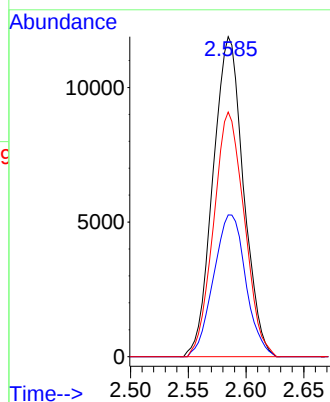
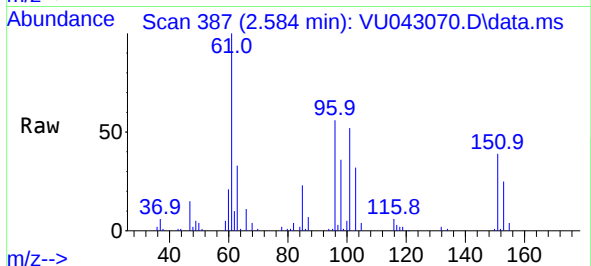
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.41 ug/l
RT: 2.584 min Scan# 387
Delta R.T. 0.000 min
Lab File: VU043070.D
Acq: 13 Apr 2021 23:06

Tgt Ion:	101	Resp:	21794
Ion	Ratio	Lower	Upper
101	100		
85	46.9	37.4	56.0
151	77.3	65.8	98.8

Instrument :
MSVOA_U
ClientSampleId :
VU0413WBSD02

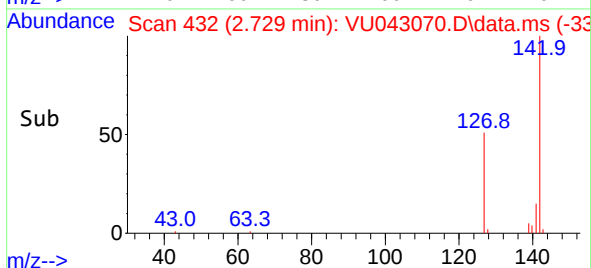
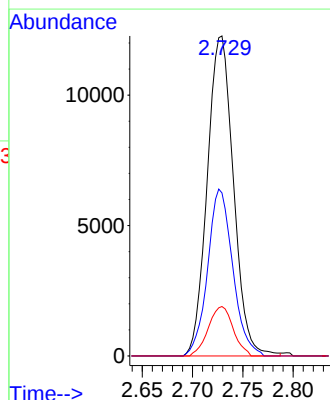
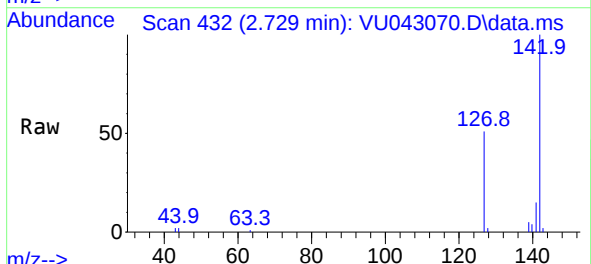
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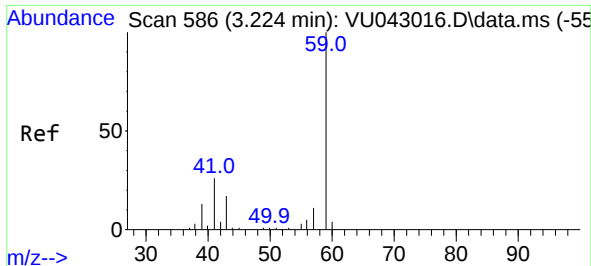
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#10
Methyl Iodide
Concen: 14.26 ug/l
RT: 2.729 min Scan# 432
Delta R.T. 0.003 min
Lab File: VU043070.D
Acq: 13 Apr 2021 23:06

Tgt Ion:	142	Resp:	22240
Ion	Ratio	Lower	Upper
142	100		
127	49.9	37.8	56.6
141	14.7	11.8	17.6





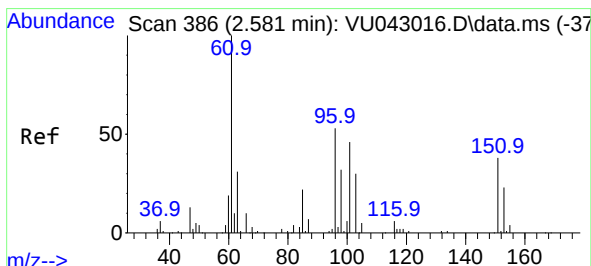
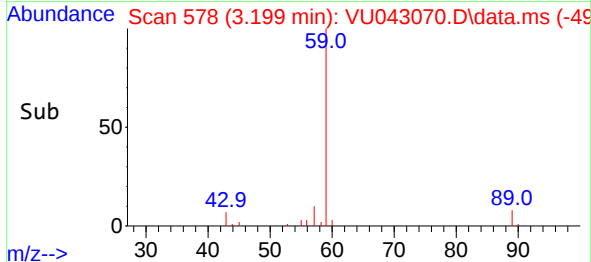
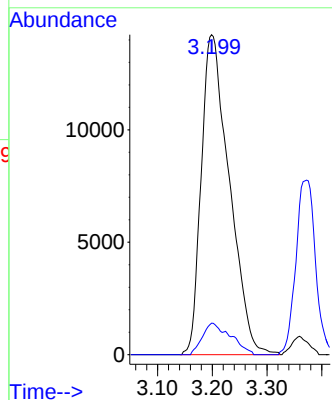
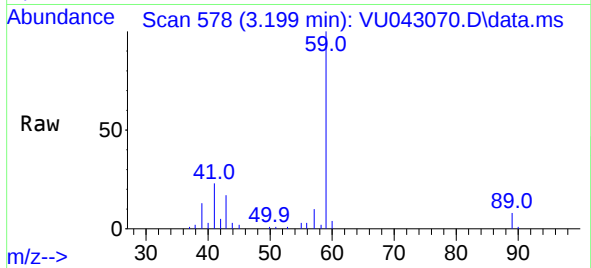
#11
Tert butyl alcohol
Concen: 97.23 ug/l
RT: 3.199 min Scan# 578
Delta R.T. -0.025 min
Lab File: VU043070.D
Acq: 13 Apr 2021 23:06

Tgt Ion: 59 Resp: 50691
Ion Ratio Lower Upper
59 100
57 9.9 1.6 2.4#

Instrument :
MSVOA_U
ClientSampleId :
VU0413WBSD02

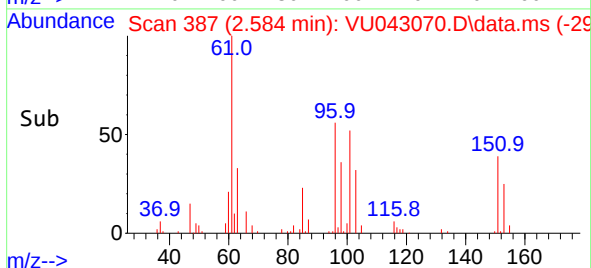
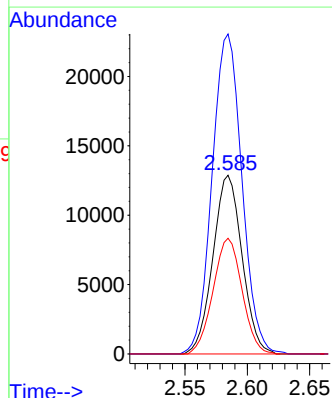
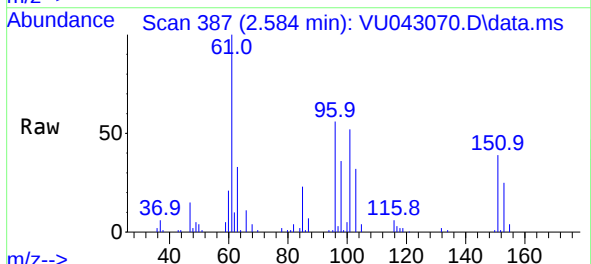
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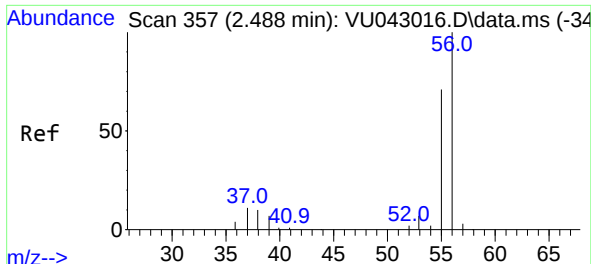
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#12
1,1-Dichloroethene
Concen: 18.62 ug/l
RT: 2.584 min Scan# 387
Delta R.T. 0.003 min
Lab File: VU043070.D
Acq: 13 Apr 2021 23:06

Tgt Ion: 96 Resp: 20980
Ion Ratio Lower Upper
96 100
61 179.1 147.4 221.0
98 64.8 51.4 77.2





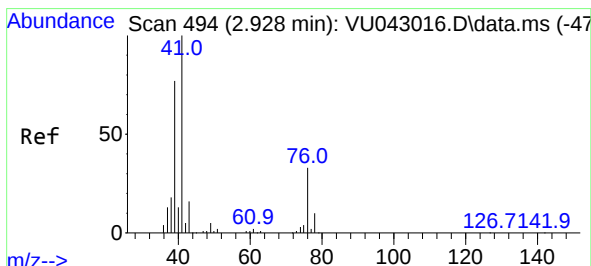
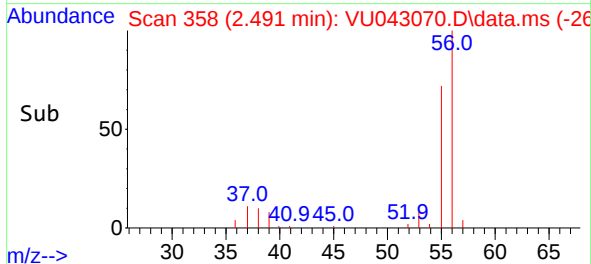
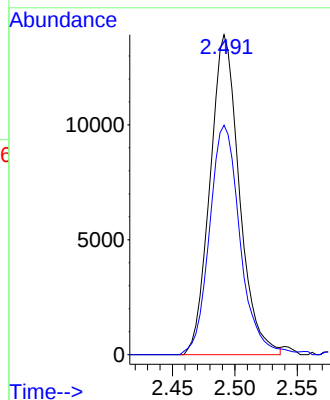
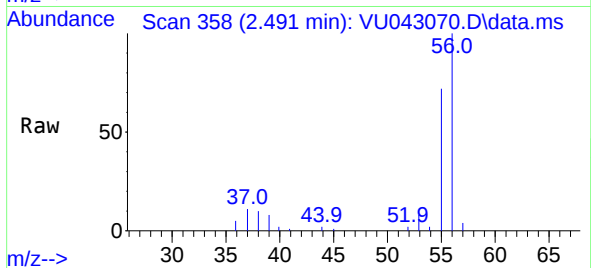
#13
Acrolein
Concen: 77.64 ug/l
RT: 2.491 min Scan# 358
Delta R.T. 0.003 min
Lab File: VU043070.D
Acq: 13 Apr 2021 23:06

Tgt Ion: 56 Resp: 22794
Ion Ratio Lower Upper
56 100
55 74.8 57.3 85.9

Instrument :
MSVOA_U
ClientSampleId :
VU0413WBSD02

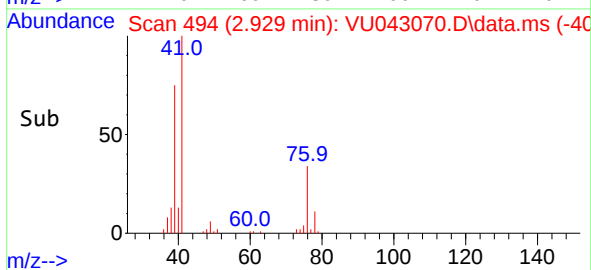
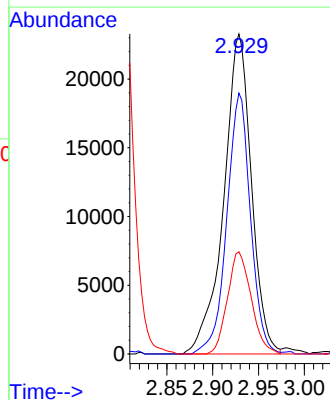
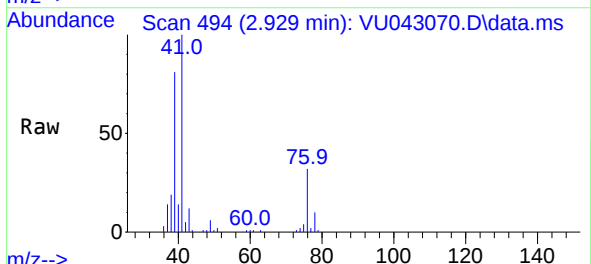
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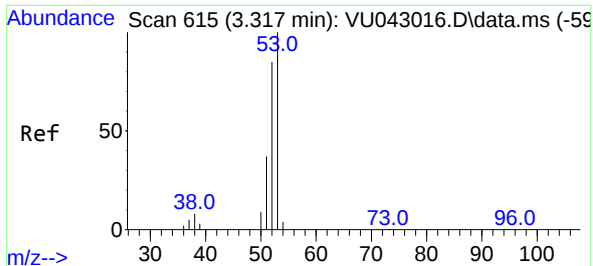
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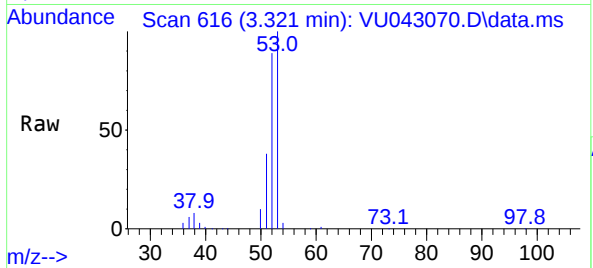
#14
Allyl chloride
Concen: 17.89 ug/l
RT: 2.929 min Scan# 494
Delta R.T. 0.001 min
Lab File: VU043070.D
Acq: 13 Apr 2021 23:06

Tgt Ion: 41 Resp: 48904
Ion Ratio Lower Upper
41 100
39 69.5 54.9 82.3
76 27.3 22.5 33.7

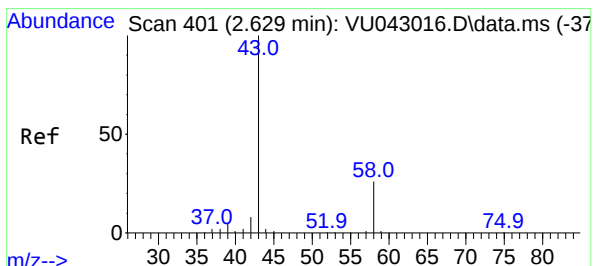
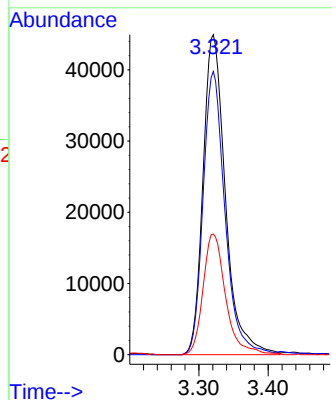
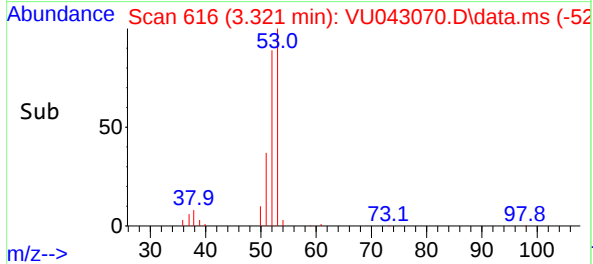




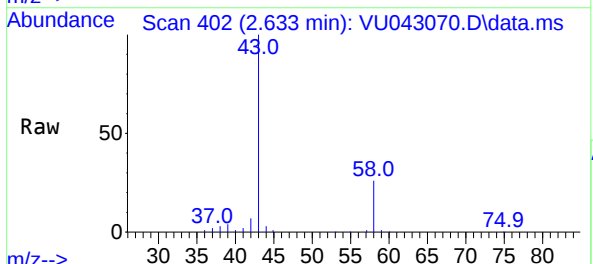
#15
Acrylonitrile
Concen: 89.87 ug/l
RT: 3.321 min Scan# 616
Delta R.T. 0.004 min
Lab File: VU043070.D
Acq: 13 Apr 2021 23:06



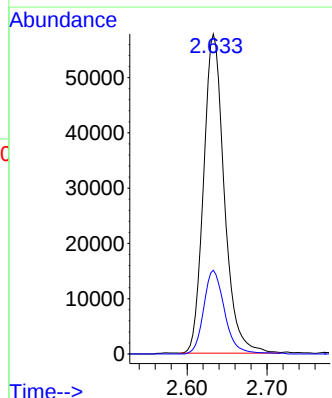
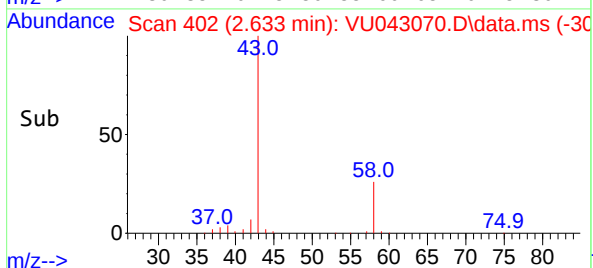
Tgt Ion: 53 Resp: 100783
Ion Ratio Lower Upper
53 100
52 86.5 68.2 102.2
51 38.1 29.2 43.8



#16
Acetone
Concen: 87.13 ug/l
RT: 2.633 min Scan# 402
Delta R.T. 0.004 min
Lab File: VU043070.D
Acq: 13 Apr 2021 23:06



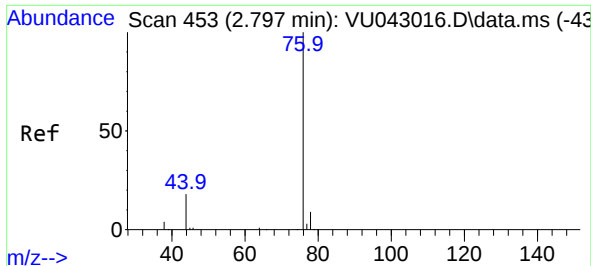
Tgt Ion: 43 Resp: 103961
Ion Ratio Lower Upper
43 100
58 26.2 21.5 32.3



Instrument :
MSVOA_U
ClientSampleId :
VU0413WBSD02

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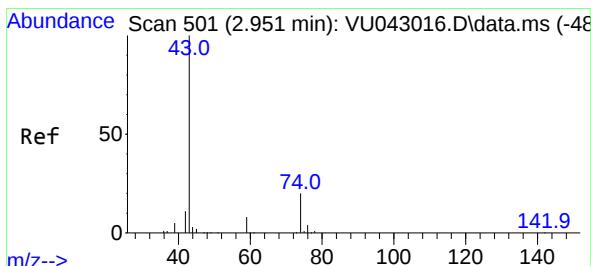
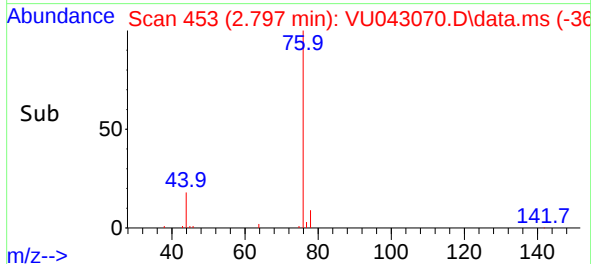
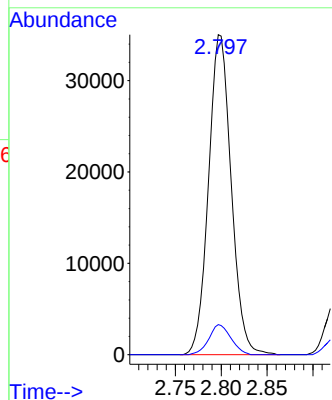
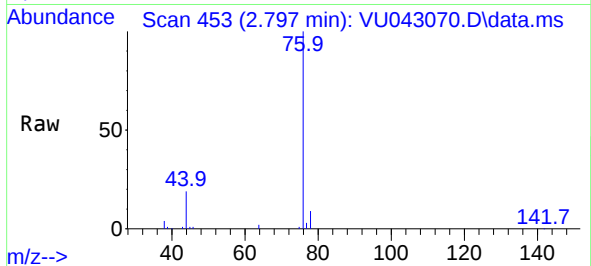
#17
Carbon Disulfide
Concen: 17.40 ug/l
RT: 2.797 min Scan# 453
Delta R.T. -0.000 min
Lab File: VU043070.D
Acq: 13 Apr 2021 23:06

Tgt Ion: 76 Resp: 60273
Ion Ratio Lower Upper
76 100
78 9.4 7.5 11.3

Instrument :
MSVOA_U
ClientSampleId :
VU0413WBSD02

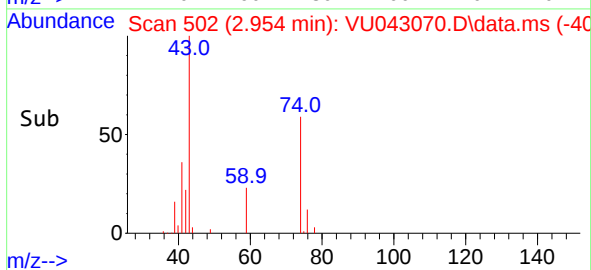
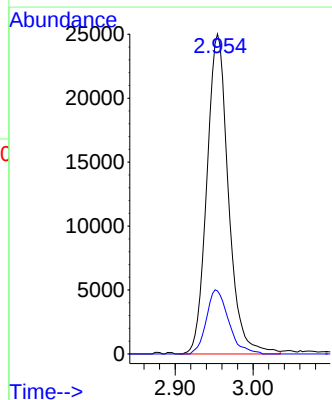
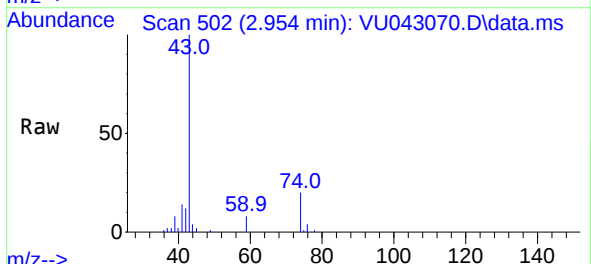
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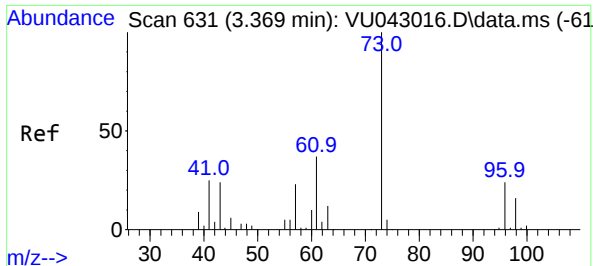
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#18
Methyl Acetate
Concen: 19.06 ug/l
RT: 2.954 min Scan# 502
Delta R.T. 0.003 min
Lab File: VU043070.D
Acq: 13 Apr 2021 23:06

Tgt Ion: 43 Resp: 48182
Ion Ratio Lower Upper
43 100
74 20.6 16.6 25.0





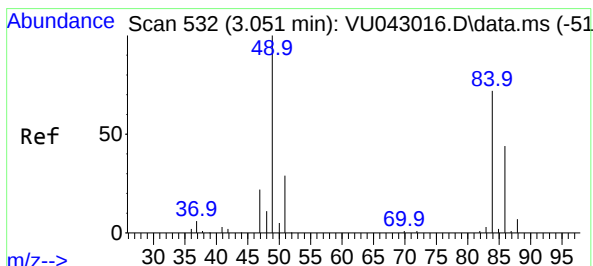
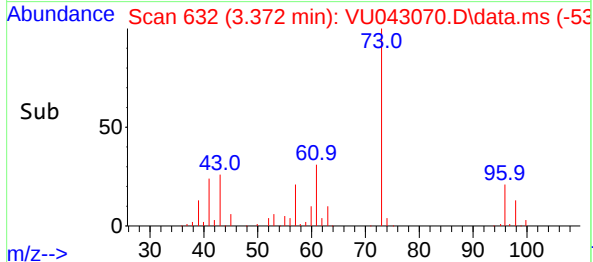
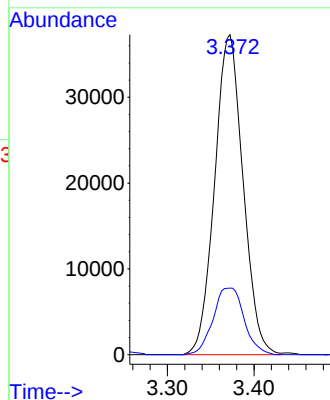
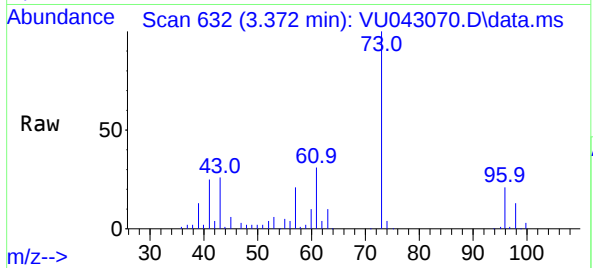
#19
Methyl tert-butyl Ether
Concen: 19.09 ug/l
RT: 3.372 min Scan# 632
Delta R.T. 0.003 min
Lab File: VU043070.D
Acq: 13 Apr 2021 23:06

Tgt Ion: 73 Resp: 84958
Ion Ratio Lower Upper
73 100
57 20.8 18.8 28.2

Instrument :
MSVOA_U
ClientSampleId :
VU0413WBSD02

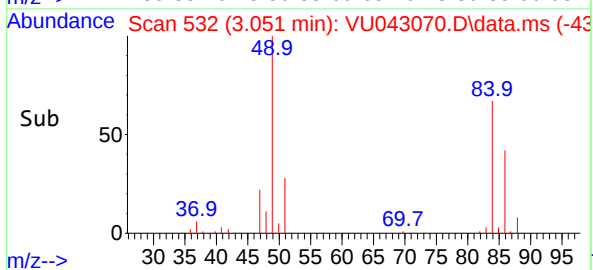
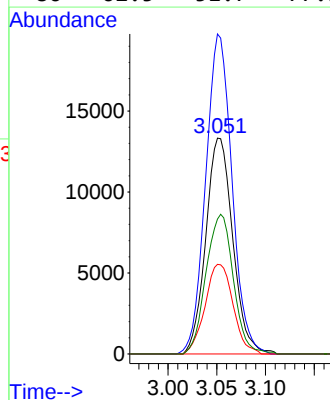
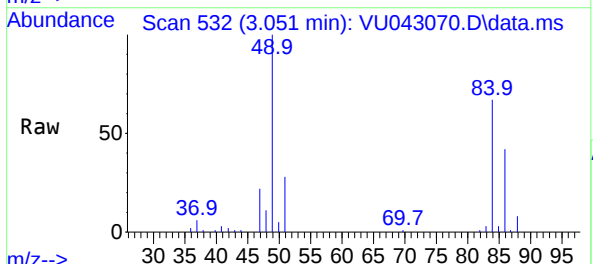
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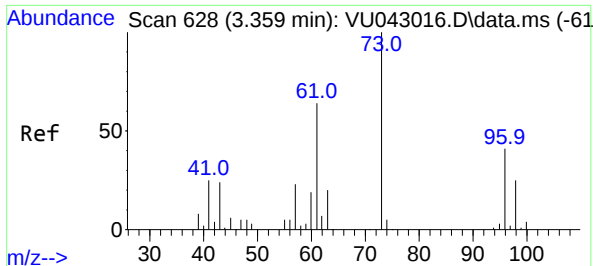
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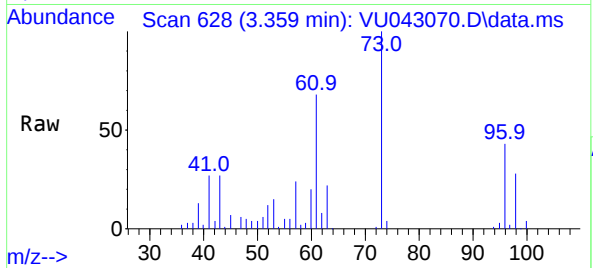
#20
Methylene Chloride
Concen: 17.90 ug/l
RT: 3.051 min Scan# 532
Delta R.T. -0.000 min
Lab File: VU043070.D
Acq: 13 Apr 2021 23:06

Tgt Ion: 84 Resp: 25711
Ion Ratio Lower Upper
84 100
49 148.2 112.6 169.0
51 41.5 33.7 50.5
86 62.5 51.7 77.5

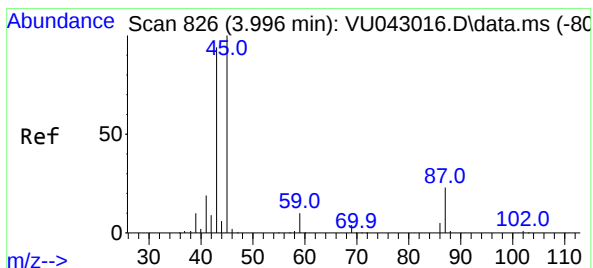
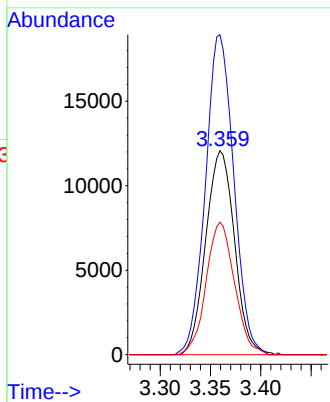
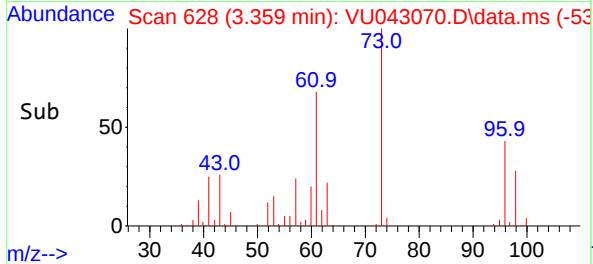




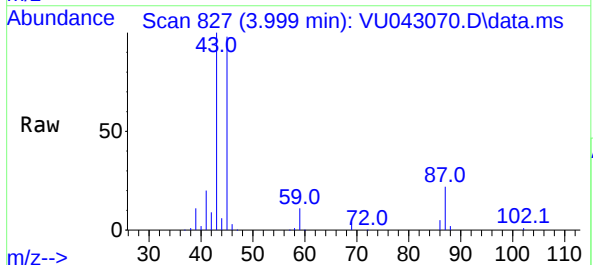
#21
trans-1,2-Dichloroethene
Concen: 18.24 ug/l
RT: 3.359 min Scan# 628
Delta R.T. 0.000 min
Lab File: VU043070.D
Acq: 13 Apr 2021 23:06



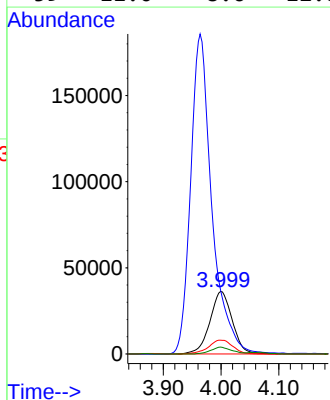
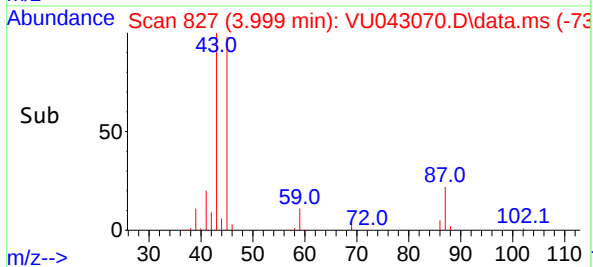
Tgt Ion: 96 Resp: 24003
Ion Ratio Lower Upper
96 100
61 156.0 122.4 183.6
98 64.9 51.9 77.9



#22
Diisopropyl ether
Concen: 18.59 ug/l
RT: 3.999 min Scan# 827
Delta R.T. 0.003 min
Lab File: VU043070.D
Acq: 13 Apr 2021 23:06



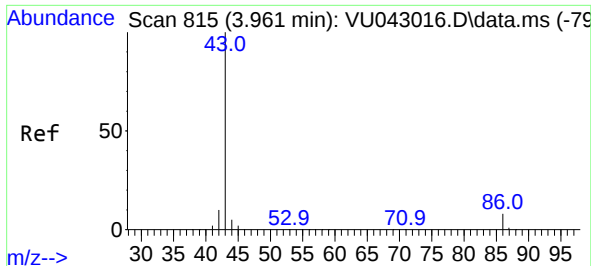
Tgt Ion: 45 Resp: 97184
Ion Ratio Lower Upper
45 100
43 100.4 73.0 109.6
87 22.0 19.5 29.3
59 11.0 8.6 12.8



Instrument :
MSVOA_U
ClientSampleId :
VU0413WBSD02

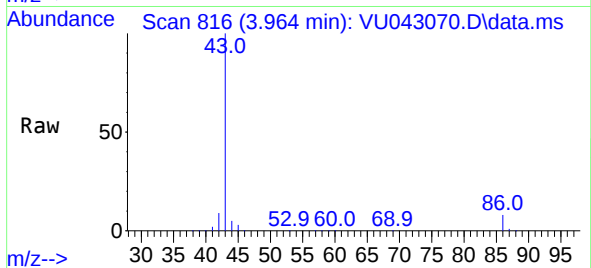
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#23
 Vinyl Acetate
 Concen: 93.73 ug/l
 RT: 3.964 min Scan# 816
 Delta R.T. 0.003 min
 Lab File: VU043070.D
 Acq: 13 Apr 2021 23:06

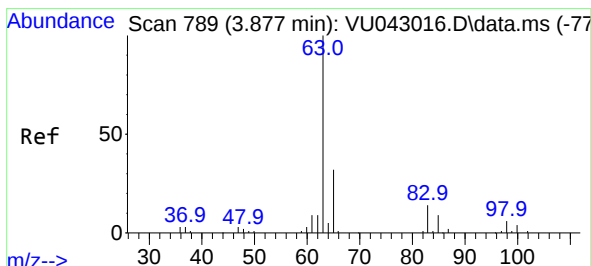
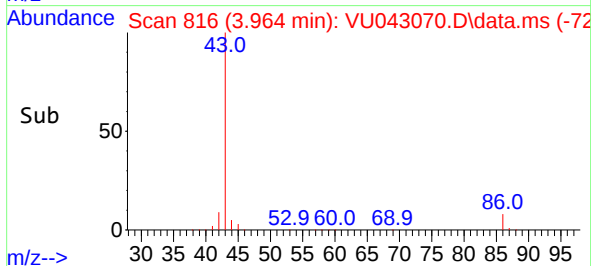
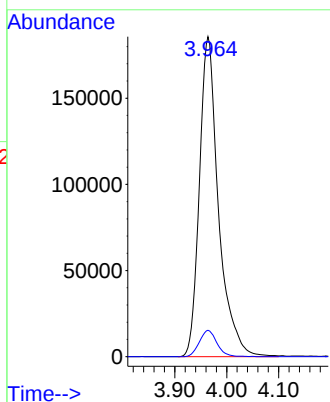
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0413WBSD02



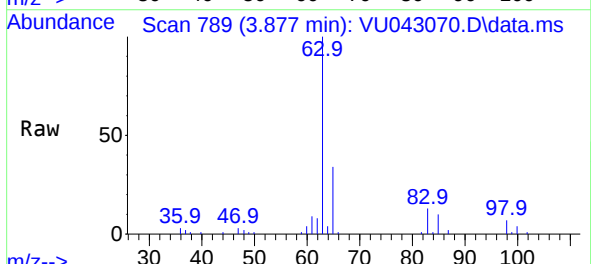
Tgt Ion: 43 Resp: 474334
 Ion Ratio Lower Upper
 43 100
 86 8.2 6.7 10.1

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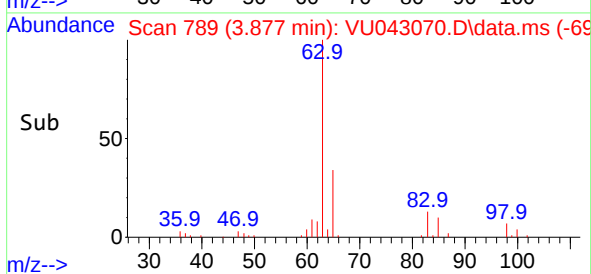
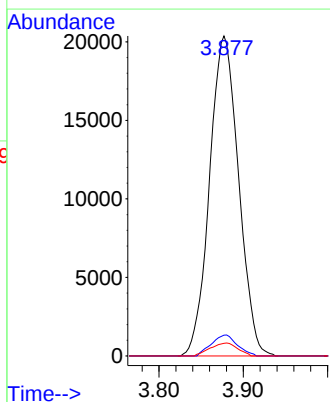
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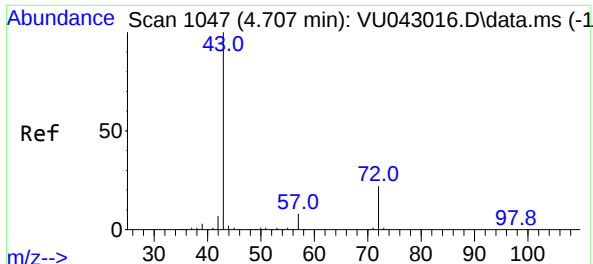


#24
 1,1-Dichloroethane
 Concen: 18.43 ug/l
 RT: 3.877 min Scan# 789
 Delta R.T. 0.000 min
 Lab File: VU043070.D
 Acq: 13 Apr 2021 23:06



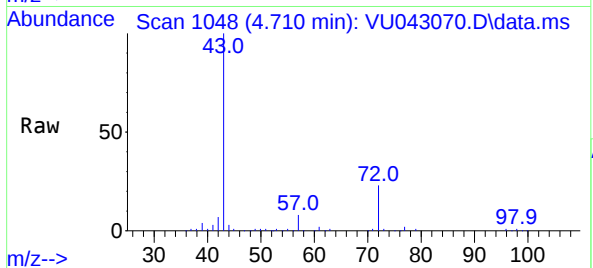
Tgt Ion: 63 Resp: 48732
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.1 9.3
 100 3.9 2.1 6.2





#25
2-Butanone
Concen: 90.26 ug/l
RT: 4.710 min Scan# 1048
Delta R.T. 0.003 min
Lab File: VU043070.D
Acq: 13 Apr 2021 23:06

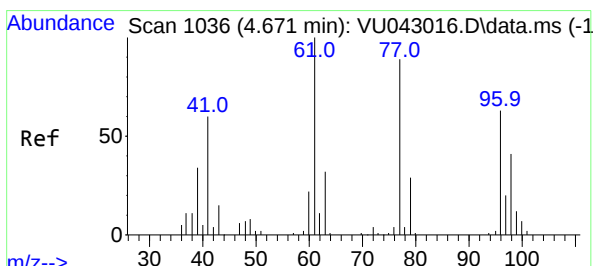
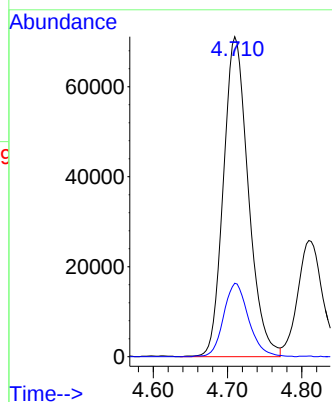
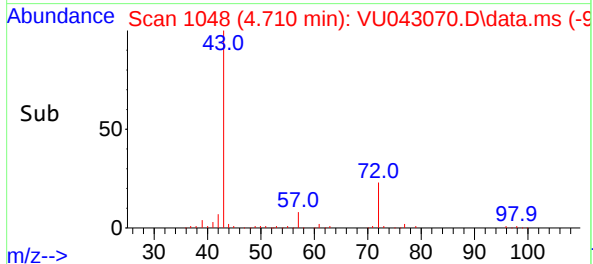
Instrument :
MSVOA_U
ClientSampleId :
VU0413WBSD02



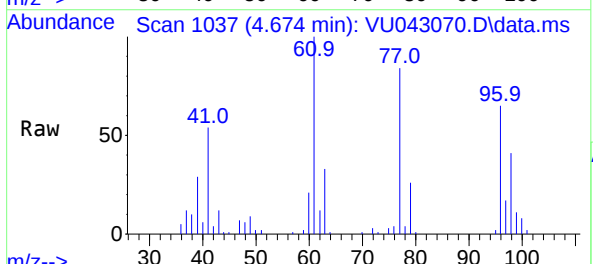
Tgt Ion: 43 Resp: 165852
Ion Ratio Lower Upper
43 100
72 23.0 17.4 26.0

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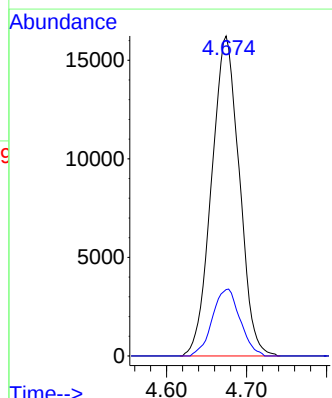
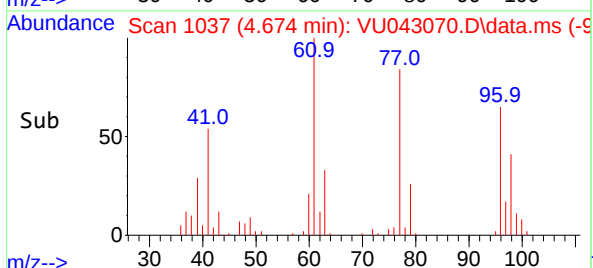
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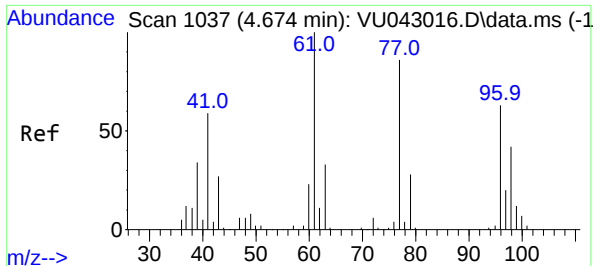


#26
2,2-Dichloropropane
Concen: 16.85 ug/l
RT: 4.674 min Scan# 1037
Delta R.T. 0.003 min
Lab File: VU043070.D
Acq: 13 Apr 2021 23:06



Tgt Ion: 77 Resp: 39073
Ion Ratio Lower Upper
77 100
97 20.9 10.6 31.8





#27
cis-1,2-Dichloroethene
Concen: 18.59 ug/l
RT: 4.674 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VU043070.D
Acq: 13 Apr 2021 23:06

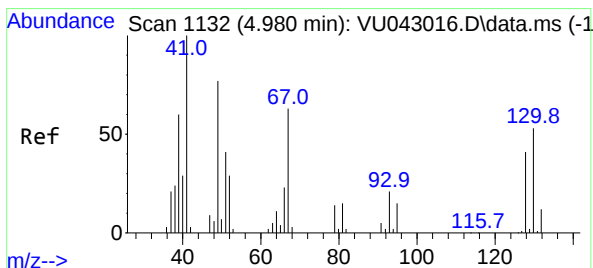
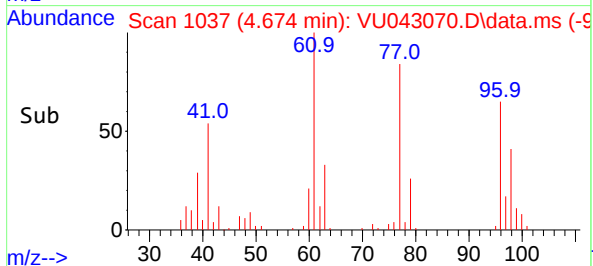
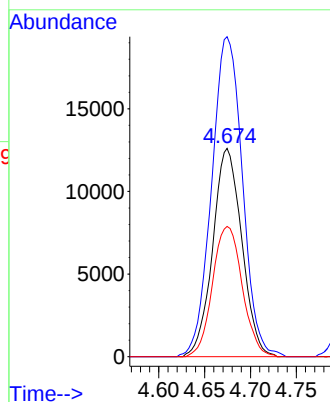
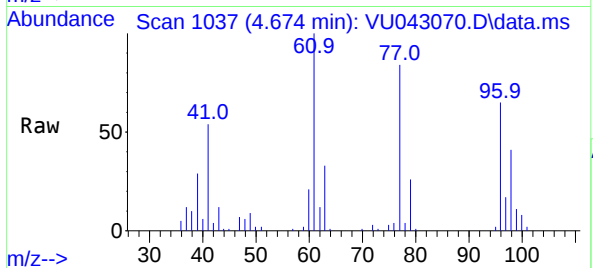
Tgt Ion: 96 Resp: 27837

Ion	Ratio	Lower	Upper
96	100		
61	162.4	0.0	322.2
98	63.9	0.0	128.6

Instrument :
MSVOA_U
ClientSampleId :
VU0413WBSD02

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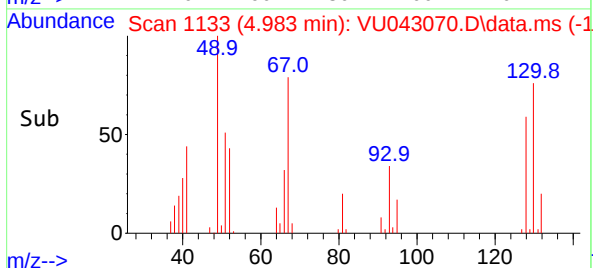
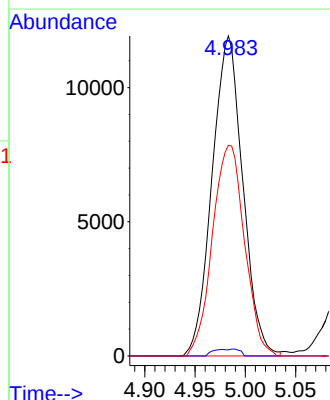
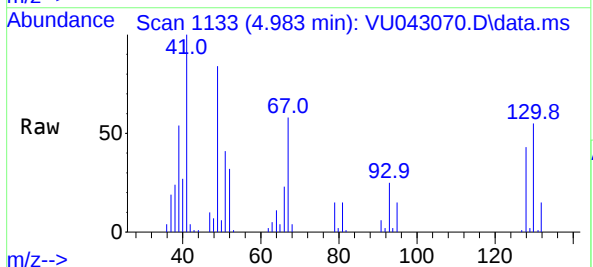
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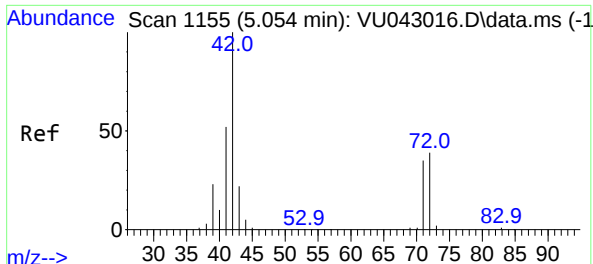


#28
Bromochloromethane
Concen: 18.75 ug/l
RT: 4.983 min Scan# 1133
Delta R.T. 0.003 min
Lab File: VU043070.D
Acq: 13 Apr 2021 23:06

Tgt Ion: 49 Resp: 25289

Ion	Ratio	Lower	Upper
49	100		
129	1.1	0.0	3.4
130	68.8	57.1	85.7





#29

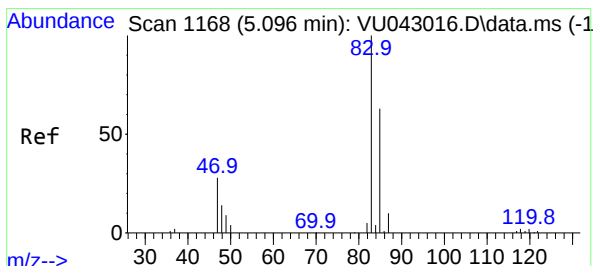
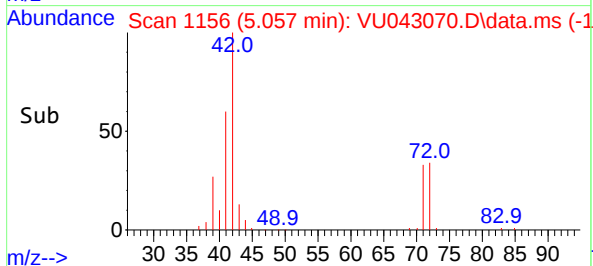
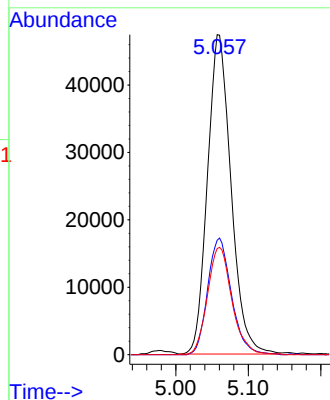
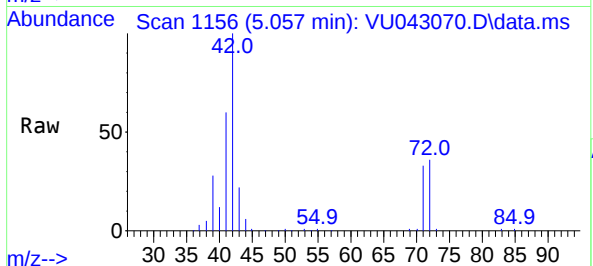
Tetrahydrofuran
Concen: 92.50 ug/l
RT: 5.057 min Scan# 1156
Delta R.T. 0.003 min
Lab File: VU043070.D
Acq: 13 Apr 2021 23:06

Tgt Ion: 42 Resp: 107033
Ion Ratio Lower Upper
42 100
72 36.8 31.5 47.3
71 34.8 29.5 44.3

Instrument :
MSVOA_U
ClientSampleId :
VU0413WBSD02

Manual Integrations
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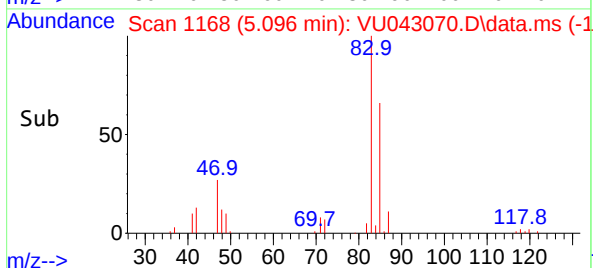
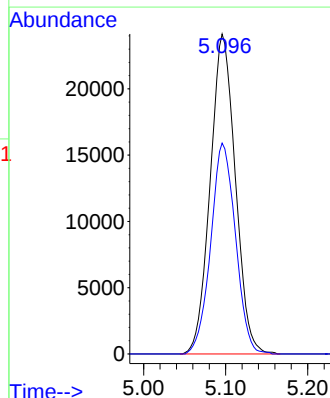
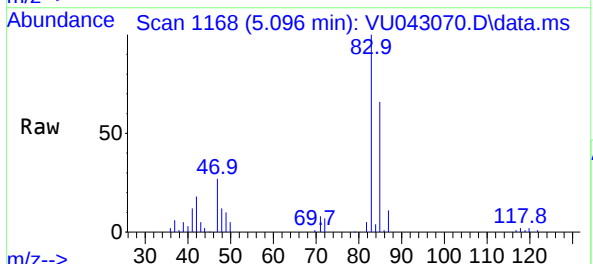
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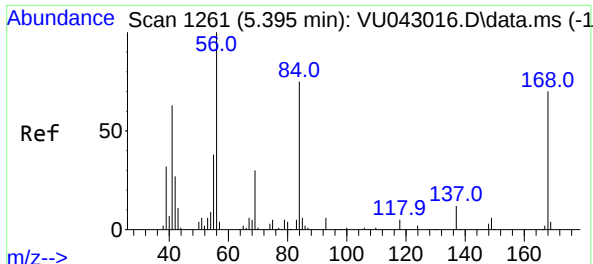


#30

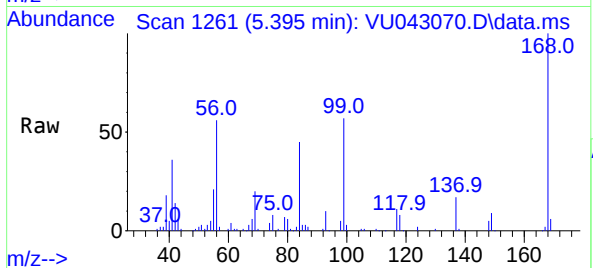
Chloroform
Concen: 18.35 ug/l
RT: 5.096 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VU043070.D
Acq: 13 Apr 2021 23:06

Tgt Ion: 83 Resp: 51381
Ion Ratio Lower Upper
83 100
85 65.9 54.6 81.8

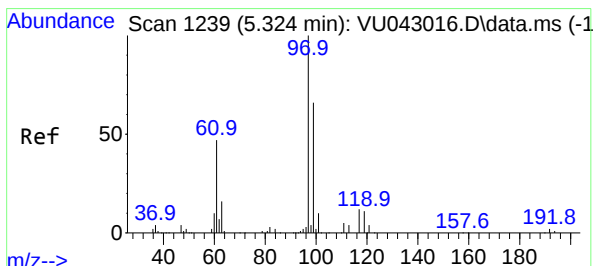
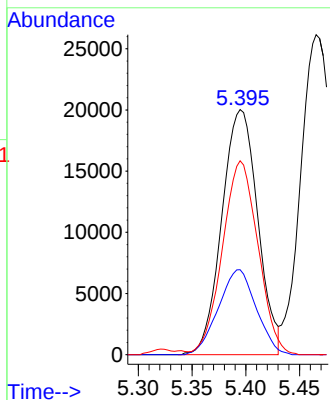
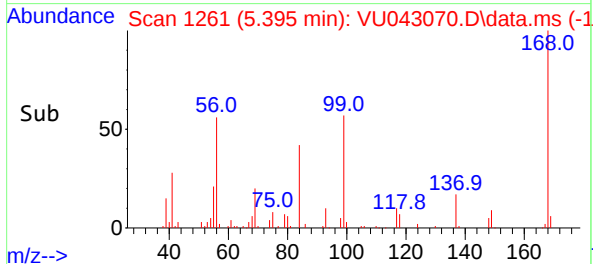




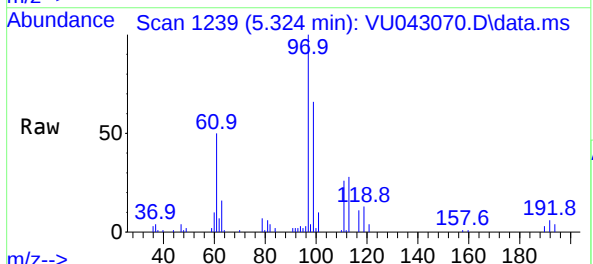
#31
Cyclohexane
Concen: 18.62 ug/l
RT: 5.395 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VU043070.D
Acq: 13 Apr 2021 23:06



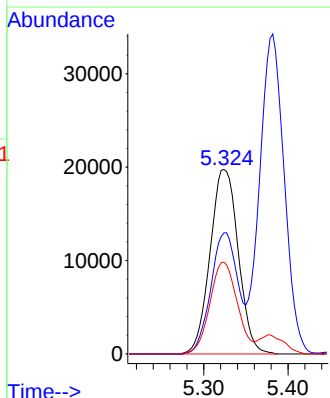
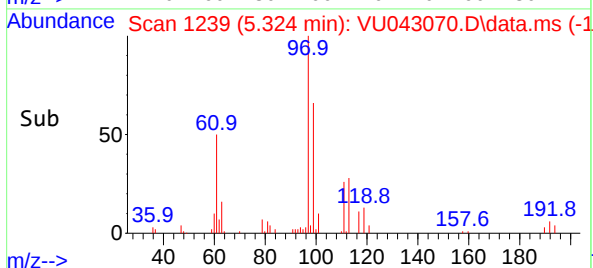
Tgt Ion: 56 Resp: 46475
Ion Ratio Lower Upper
56 100
69 34.7 24.9 37.3
84 77.5 63.7 95.5



#32
1,1,1-Trichloroethane
Concen: 18.54 ug/l
RT: 5.324 min Scan# 1239
Delta R.T. -0.000 min
Lab File: VU043070.D
Acq: 13 Apr 2021 23:06



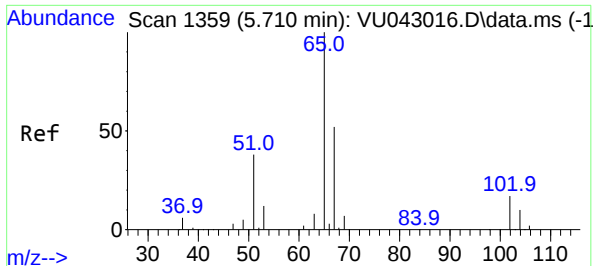
Tgt Ion: 97 Resp: 45884
Ion Ratio Lower Upper
97 100
99 63.2 51.4 77.0
61 48.6 37.4 56.2



Instrument :
MSVOA_U
ClientSampleId :
VU0413WBSD02

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#33

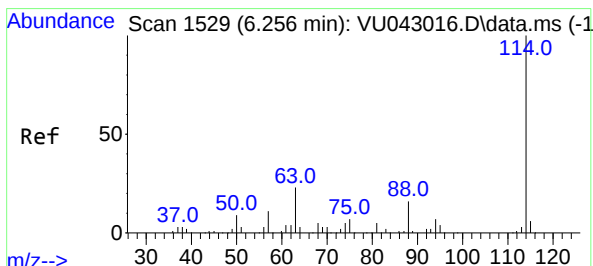
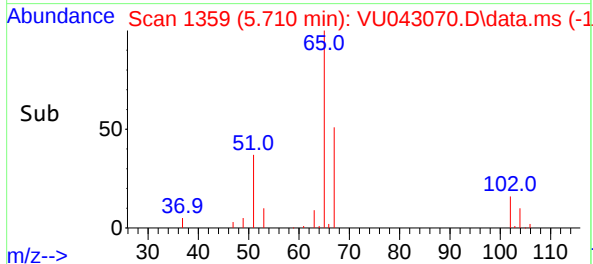
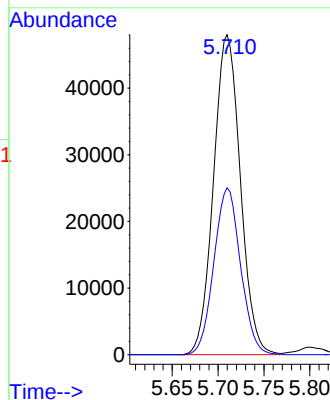
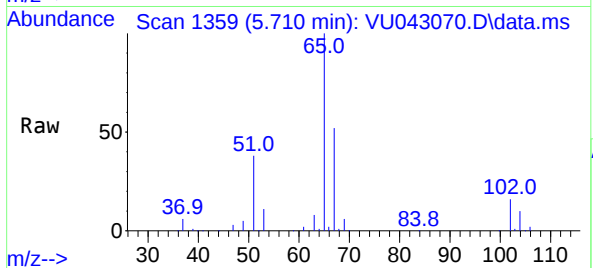
1,2-Dichloroethane-d4
Concen: 48.31 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VU043070.D
Acq: 13 Apr 2021 23:06

Tgt Ion: 65 Resp: 97731
Ion Ratio Lower Upper
65 100
67 51.7 0.0 99.8

Instrument :
MSVOA_U
ClientSampleId :
VU0413WBSD02

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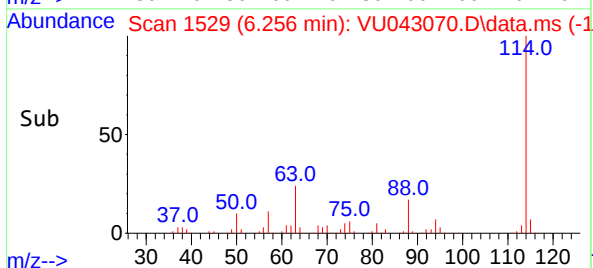
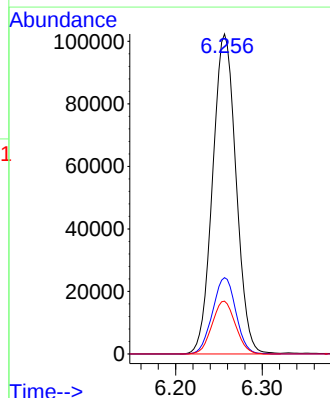
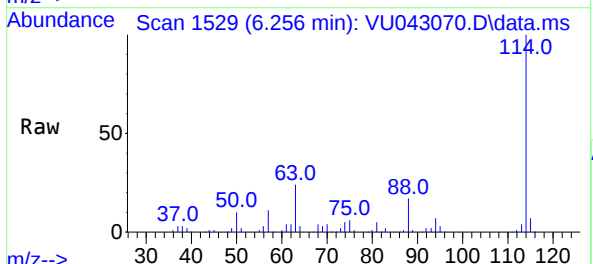
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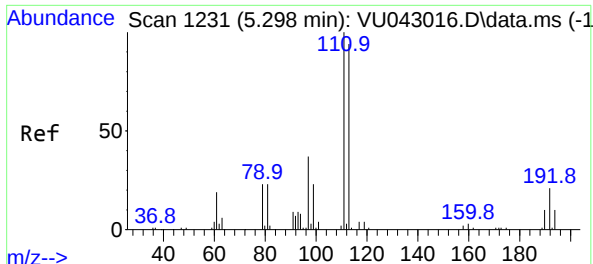


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. 0.000 min
Lab File: VU043070.D
Acq: 13 Apr 2021 23:06

Tgt Ion: 114 Resp: 192311
Ion Ratio Lower Upper
114 100
63 23.9 0.0 44.2
88 16.5 0.0 33.4





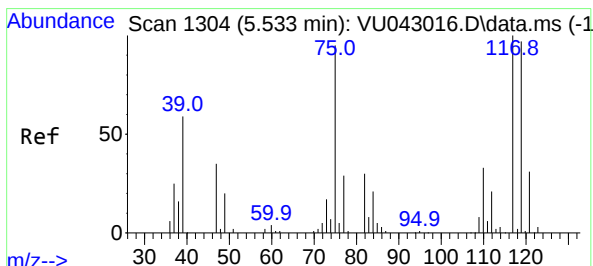
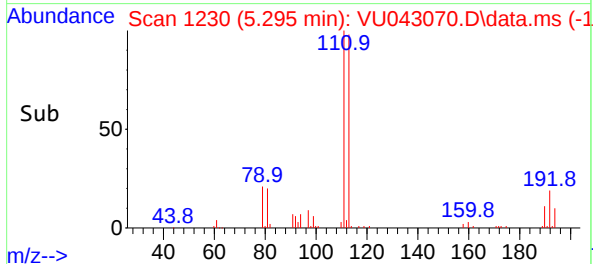
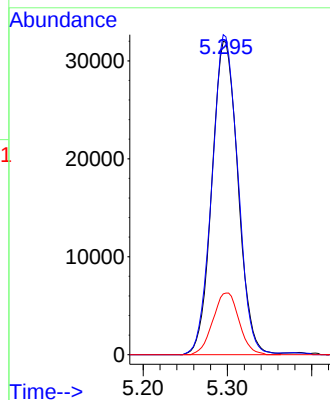
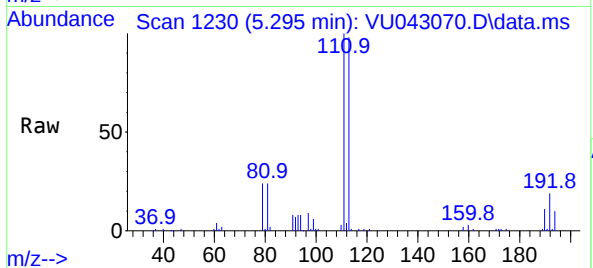
#35
Dibromofluoromethane
Concen: 47.42 ug/l
RT: 5.295 min Scan# 1230
Delta R.T. -0.003 min
Lab File: VU043070.D
Acq: 13 Apr 2021 23:06

Tgt Ion: 113 Resp: 68523
Ion Ratio Lower Upper
113 100
111 101.4 81.8 122.8
192 19.8 17.2 25.8

Instrument :
MSVOA_U
ClientSampleId :
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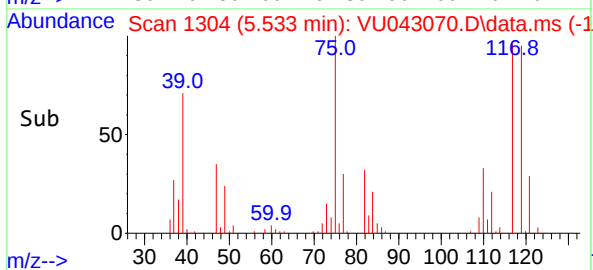
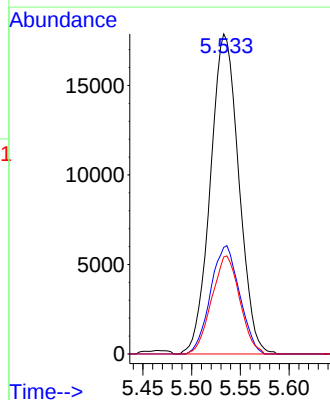
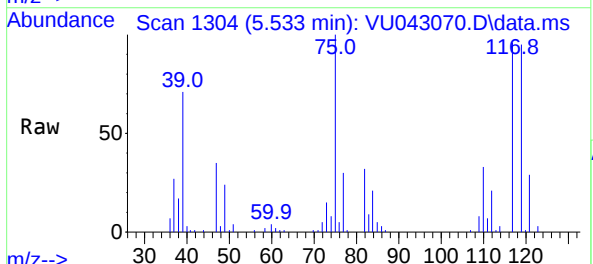
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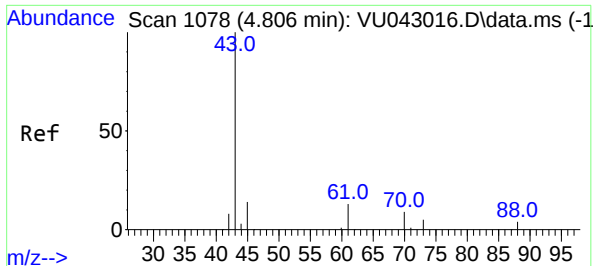
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#36
1,1-Dichloropropene
Concen: 17.78 ug/l
RT: 5.533 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VU043070.D
Acq: 13 Apr 2021 23:06

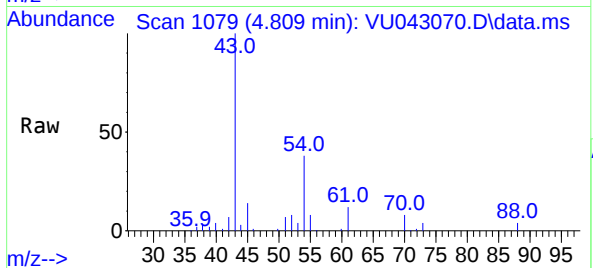
Tgt Ion: 75 Resp: 36281
Ion Ratio Lower Upper
75 100
110 34.5 16.8 50.3
77 30.2 24.8 37.2





#37
Ethyl Acetate
Concen: 17.67 ug/l
RT: 4.809 min Scan# 1079
Delta R.T. 0.003 min
Lab File: VU043070.D
Acq: 13 Apr 2021 23:06

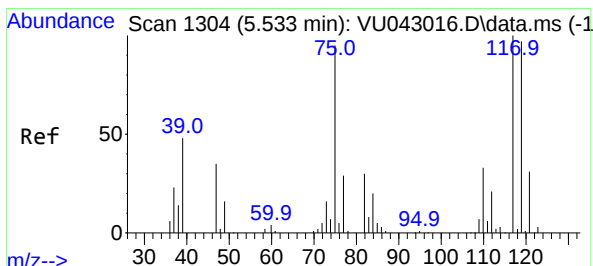
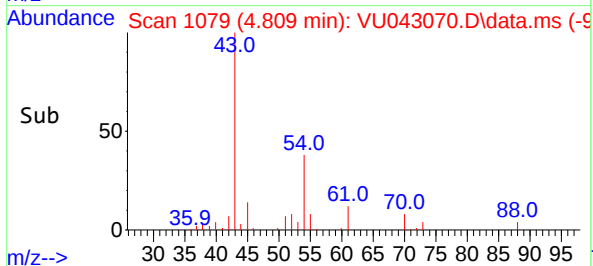
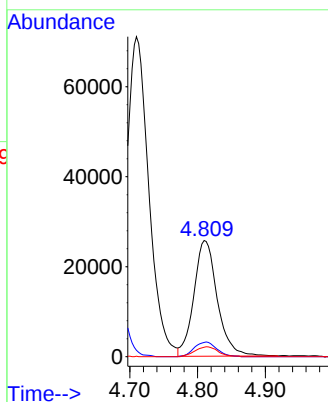
Instrument :
MSVOA_U
ClientSampleId :
VU0413WBSD02



Tgt Ion: 43 Resp: 61639
Ion Ratio Lower Upper
43 100
61 12.3 10.1 15.1
70 8.5 7.2 10.8

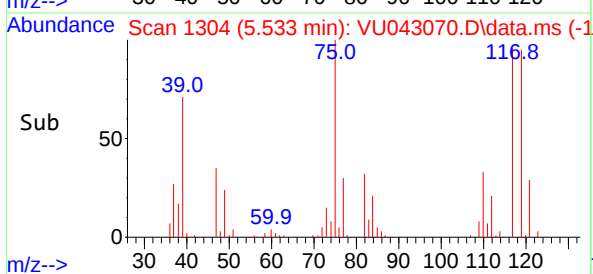
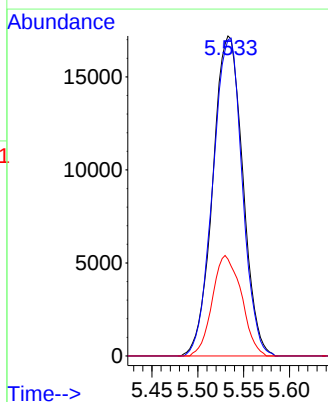
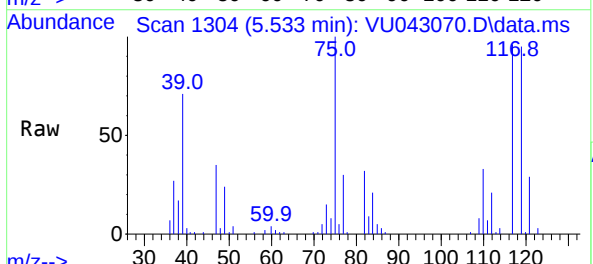
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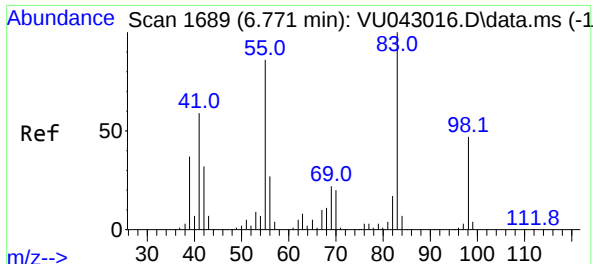
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#38
Carbon Tetrachloride
Concen: 17.84 ug/l
RT: 5.533 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VU043070.D
Acq: 13 Apr 2021 23:06

Tgt Ion: 117 Resp: 39026
Ion Ratio Lower Upper
117 100
119 98.7 75.5 113.3
121 30.2 24.7 37.1





#39

Methylcyclohexane

Concen: 17.26 ug/l

RT: 6.771 min Scan# 1689

Delta R.T. -0.000 min

Lab File: VU043070.D

Acq: 13 Apr 2021 23:06

Tgt Ion:	83	Resp:	38722
Ion	Ratio	Lower	Upper
83	100		
55	89.1	66.8	100.2
98	47.1	36.9	55.3

Instrument :

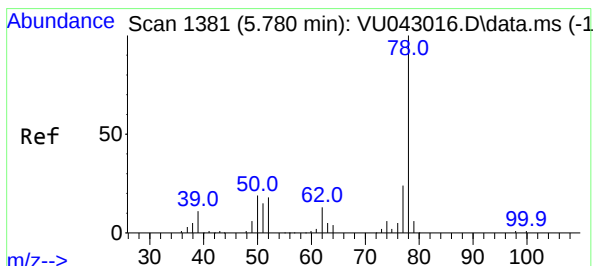
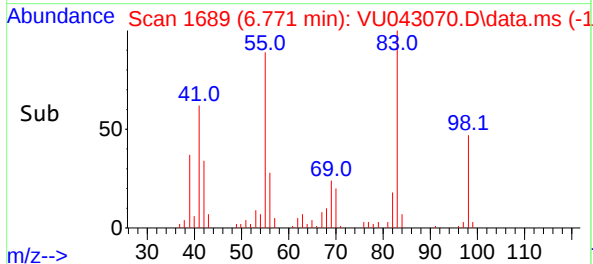
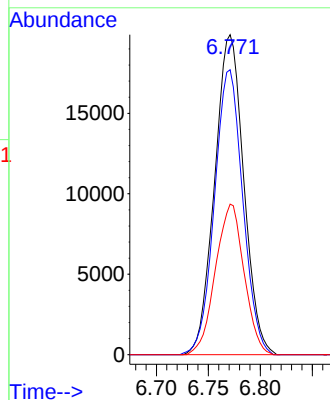
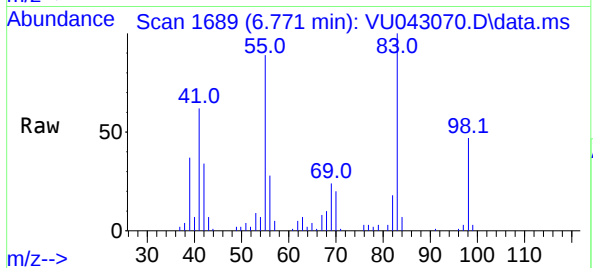
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ClientSampleId :

VU0413WBSD02

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#40

Benzene

Concen: 17.74 ug/l

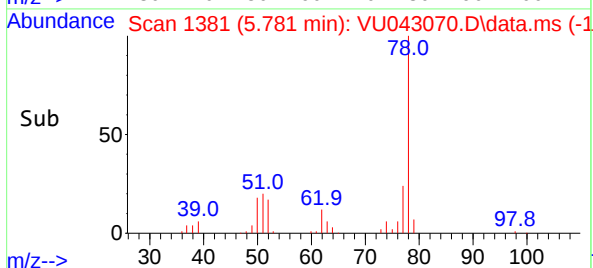
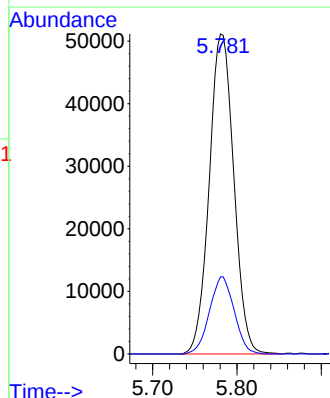
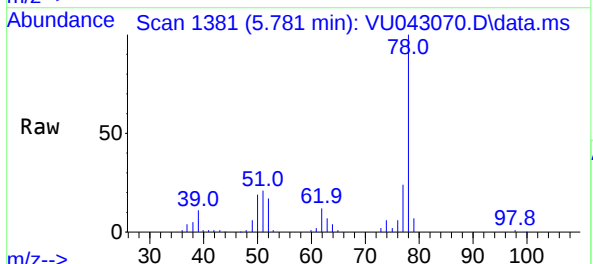
RT: 5.781 min Scan# 1381

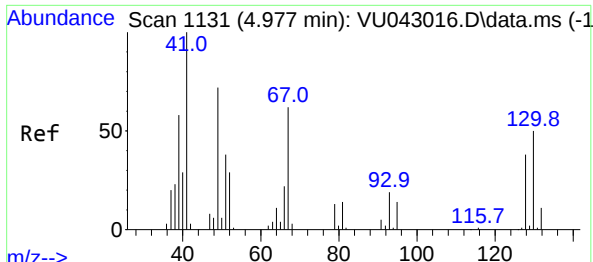
Delta R.T. 0.001 min

Lab File: VU043070.D

Acq: 13 Apr 2021 23:06

Tgt Ion:	78	Resp:	103417
Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.3	28.9





#41
Methacrylonitrile
Concen: 17.54 ug/l
RT: 4.980 min Scan# 1132
Delta R.T. 0.003 min
Lab File: VU043070.D
Acq: 13 Apr 2021 23:06

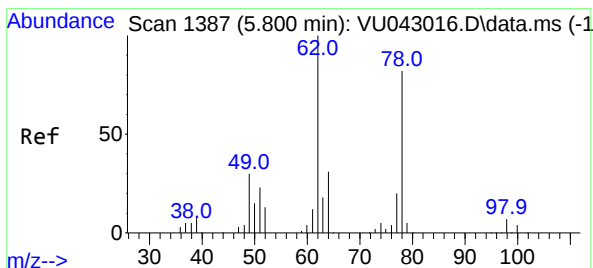
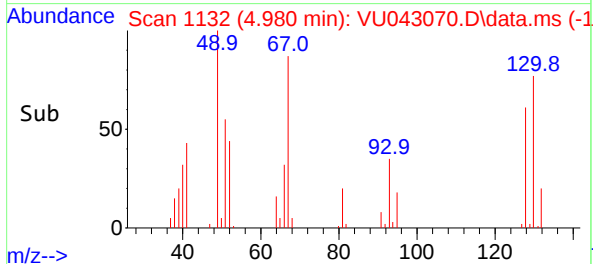
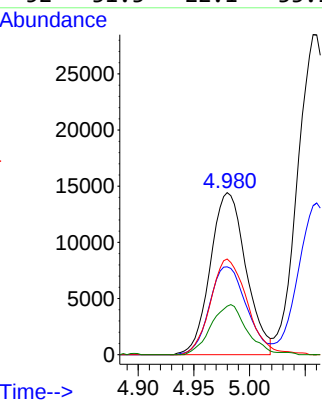
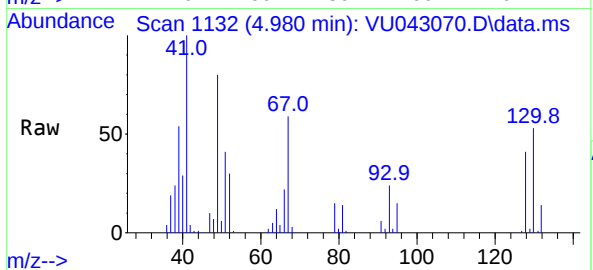
Tgt Ion: 41 Resp: 32163

Ion	Ratio	Lower	Upper
41	100		
39	56.4	45.1	67.7
67	61.0	50.2	75.2
52	31.3	22.1	33.1

Instrument :
MSVOA_U
ClientSampleId :
VU0413WBSD02

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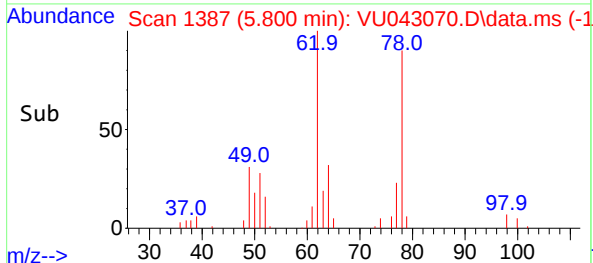
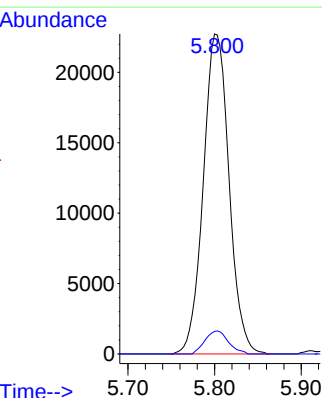
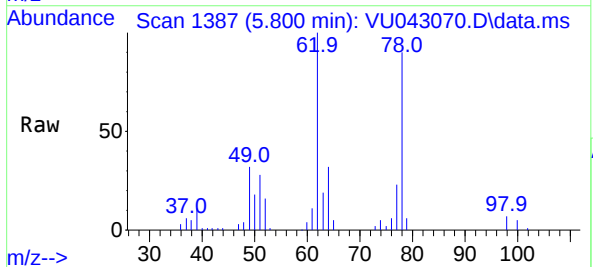
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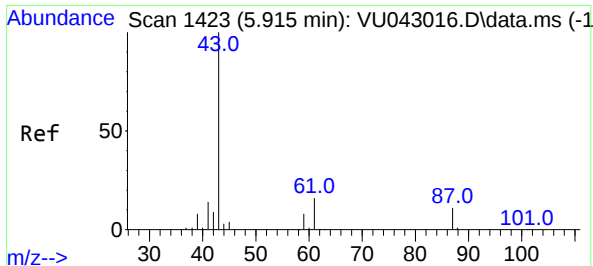


#42
1,2-Dichloroethane
Concen: 18.16 ug/l
RT: 5.800 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VU043070.D
Acq: 13 Apr 2021 23:06

Tgt Ion: 62 Resp: 46967

Ion	Ratio	Lower	Upper
62	100		
98	6.6	0.0	14.8





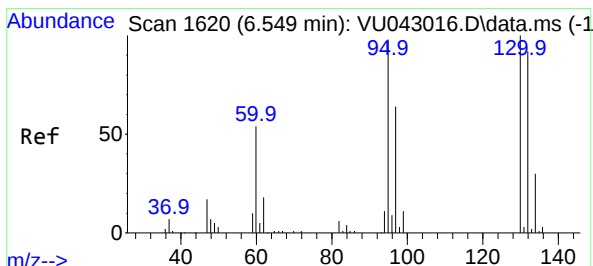
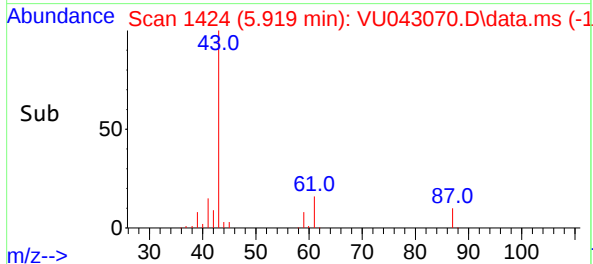
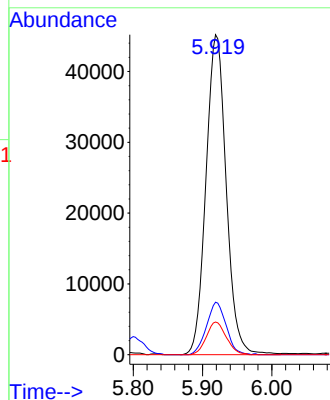
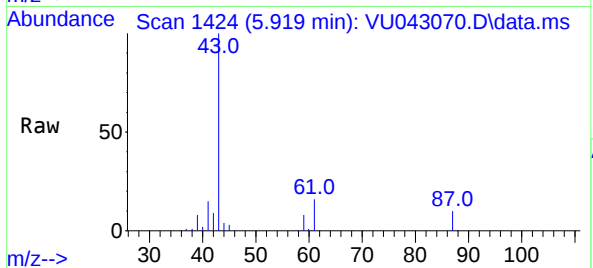
#43
Isopropyl Acetate
Concen: 18.41 ug/l
RT: 5.919 min Scan# 1424
Delta R.T. 0.004 min
Lab File: VU043070.D
Acq: 13 Apr 2021 23:06

Tgt Ion: 43 Resp: 91603
Ion Ratio Lower Upper
43 100
61 15.9 14.4 21.6
87 10.0 8.8 13.2

Instrument :
MSVOA_U
ClientSampleId :
VU0413WBSD02

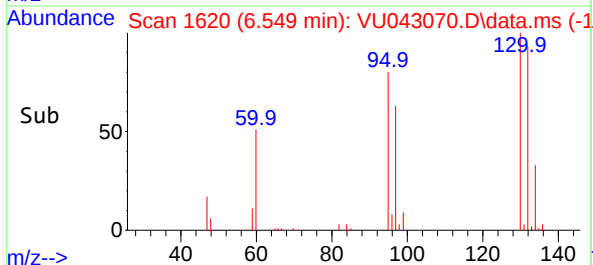
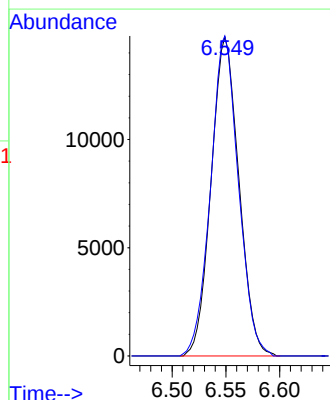
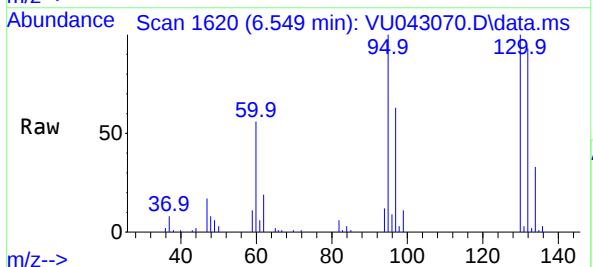
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#44
Trichloroethene
Concen: 17.88 ug/l
RT: 6.549 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VU043070.D
Acq: 13 Apr 2021 23:06

Tgt Ion: 130 Resp: 26435
Ion Ratio Lower Upper
130 100
95 100.3 0.0 197.8





#45

1,2-Dichloropropane

Concen: 17.86 ug/l

RT: 6.797 min Scan# 1697

Delta R.T. 0.001 min

Lab File: VU043070.D

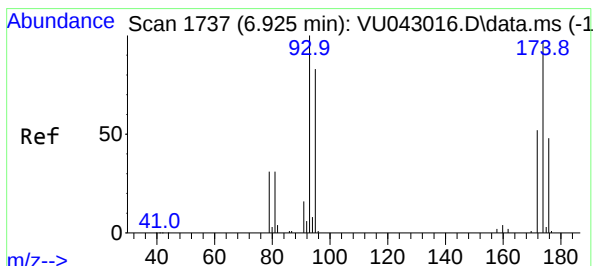
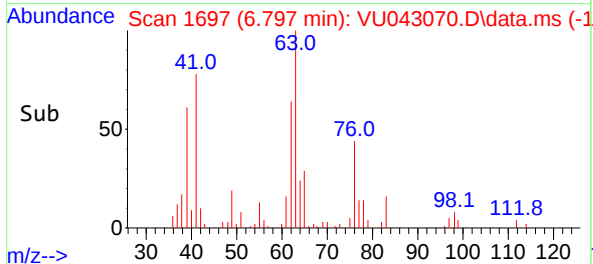
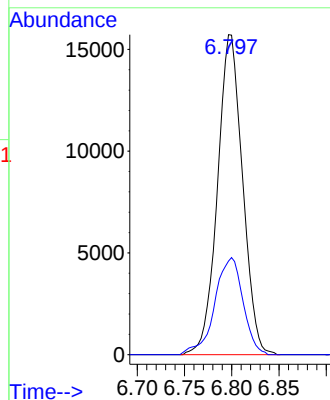
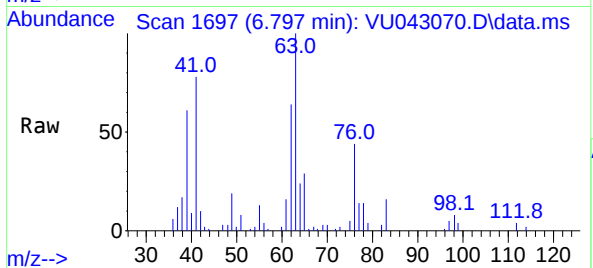
Acq: 13 Apr 2021 23:06

Tgt Ion: 63 Resp: 29013

Ion Ratio Lower Upper

63 100

65 29.2 25.4 38.2



#46

Dibromomethane

Concen: 18.34 ug/l

RT: 6.925 min Scan# 1737

Delta R.T. 0.000 min

Lab File: VU043070.D

Acq: 13 Apr 2021 23:06

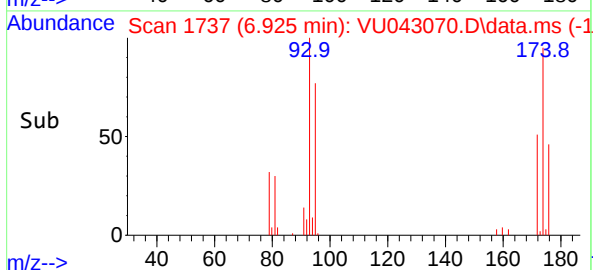
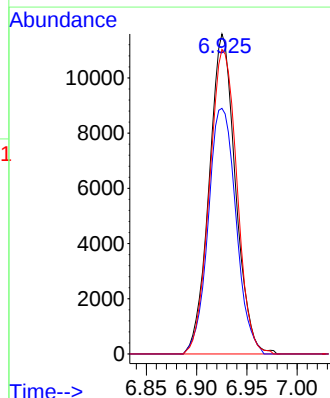
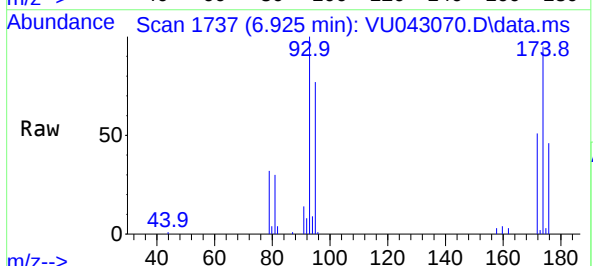
Tgt Ion: 93 Resp: 21065

Ion Ratio Lower Upper

93 100

95 81.0 63.6 95.4

174 99.2 83.4 125.2



Instrument :

MSVOA_U

ClientSampleId :

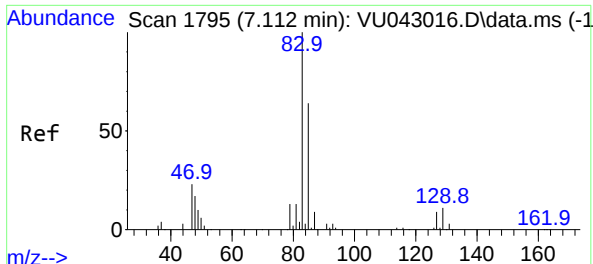
VU0413WBSD02

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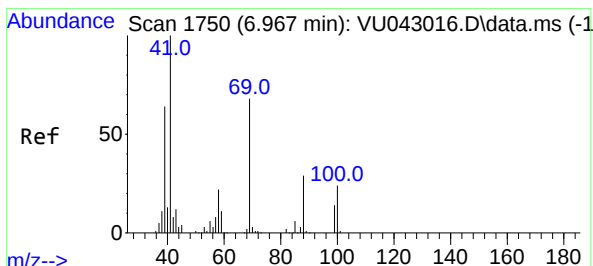
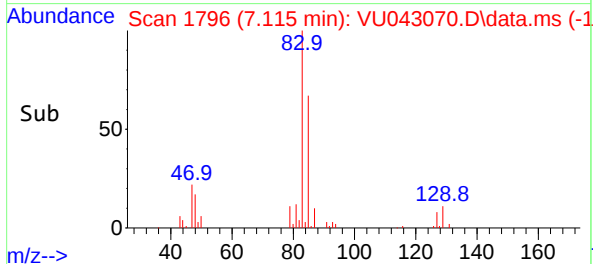
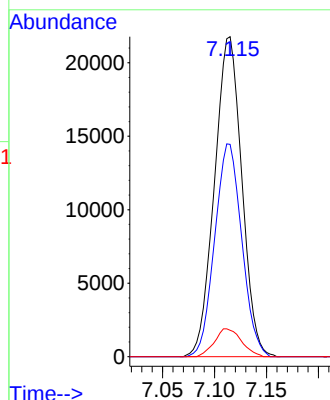
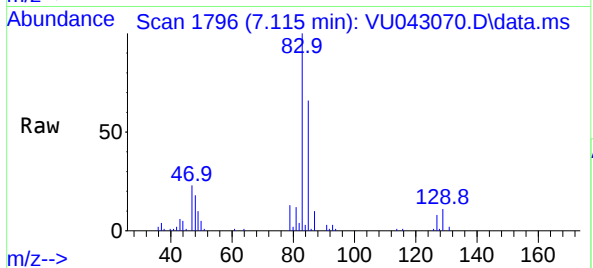
#47
Bromodichloromethane
Concen: 17.58 ug/l
RT: 7.115 min Scan# 1796
Delta R.T. 0.003 min
Lab File: VU043070.D
Acq: 13 Apr 2021 23:06

Tgt Ion:	83	Resp:	39862
Ion	Ratio	Lower	Upper
83	100		
85	66.3	51.3	76.9
127	8.3	6.9	10.3

Instrument :
MSVOA_U
ClientSampleId :
VU0413WBSD02

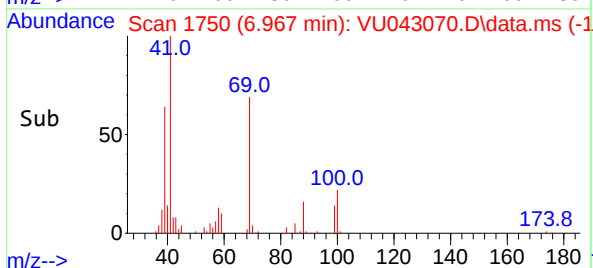
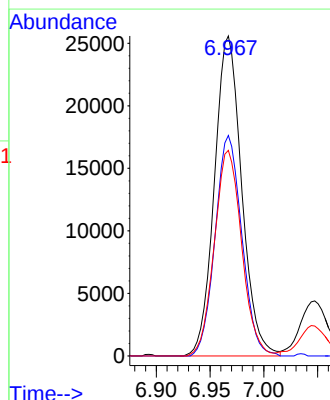
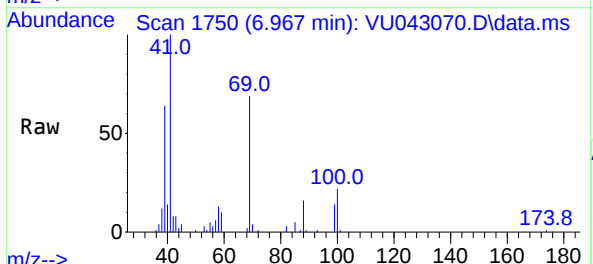
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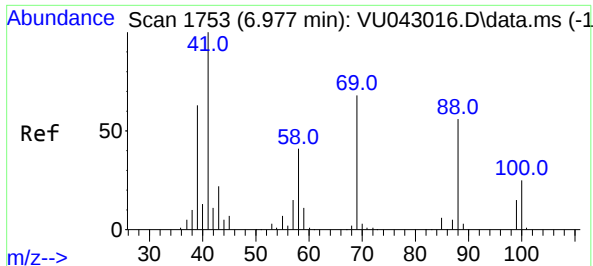
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#48
Methyl methacrylate
Concen: 18.08 ug/l
RT: 6.967 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VU043070.D
Acq: 13 Apr 2021 23:06

Tgt Ion:	41	Resp:	45163
Ion	Ratio	Lower	Upper
41	100		
69	67.3	57.0	85.6
39	64.2	48.4	72.6





#49

1,4-Dioxane

Concen: 379.29 ug/l

RT: 6.983 min Scan# 1755

Delta R.T. 0.006 min

Lab File: VU043070.D

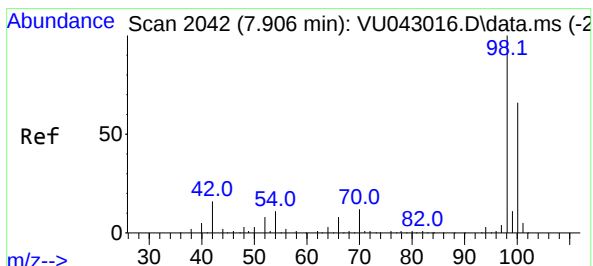
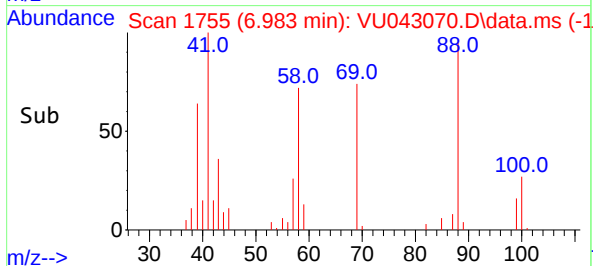
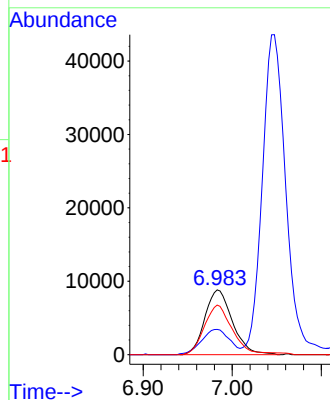
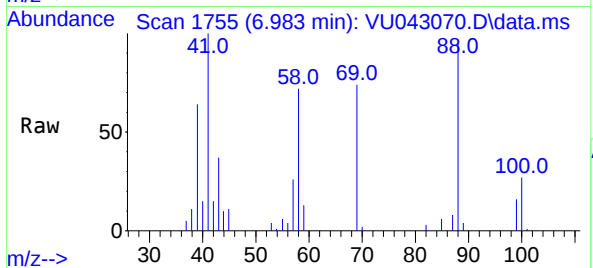
Acq: 13 Apr 2021 23:06

Tgt Ion:	88	Resp:	18981
Ion	Ratio	Lower	Upper
88	100		
43	40.0	0.0	0.0#
58	79.0	60.4	90.6

Instrument :
MSVOA_U
ClientSampleId :
VU0413WBSD02

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#50

Toluene-d8

Concen: 47.31 ug/l

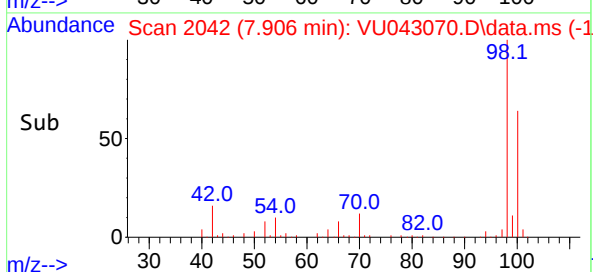
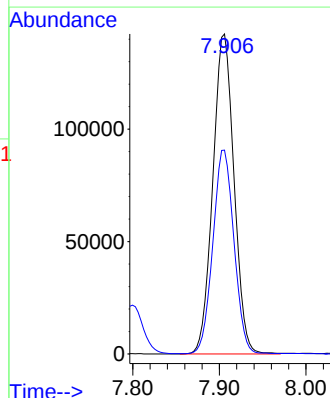
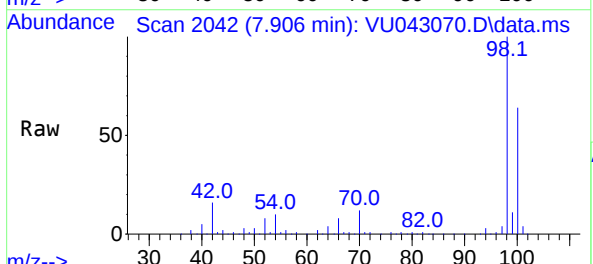
RT: 7.906 min Scan# 2042

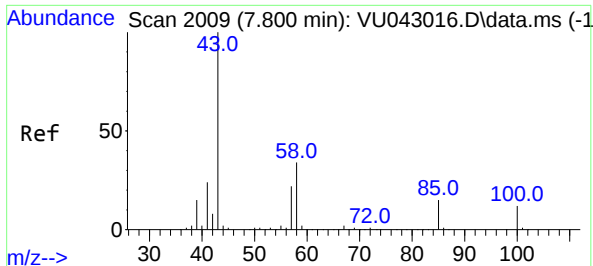
Delta R.T. -0.000 min

Lab File: VU043070.D

Acq: 13 Apr 2021 23:06

Tgt Ion:	98	Resp:	241896
Ion	Ratio	Lower	Upper
98	100		
100	63.4	50.2	75.2





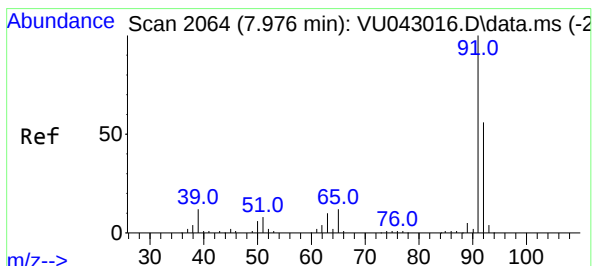
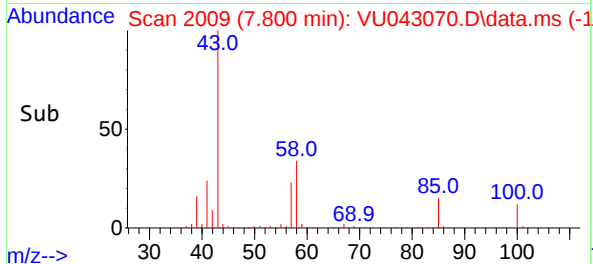
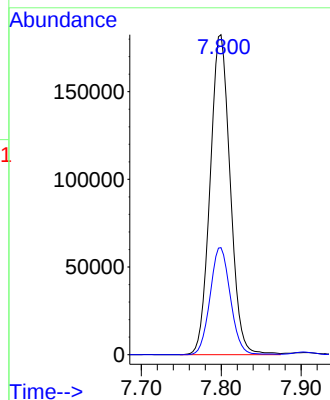
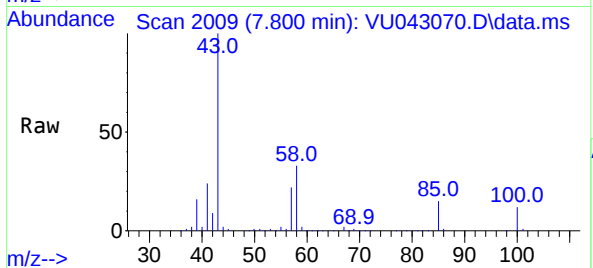
#51
4-Methyl-2-Pentanone
Concen: 86.47 ug/l
RT: 7.800 min Scan# 2009
Delta R.T. -0.000 min
Lab File: VU043070.D
Acq: 13 Apr 2021 23:06

Tgt Ion: 43 Resp: 318284
Ion Ratio Lower Upper
43 100
58 33.9 28.1 42.1

Instrument :
MSVOA_U
ClientSampleId :
VU0413WBSD02

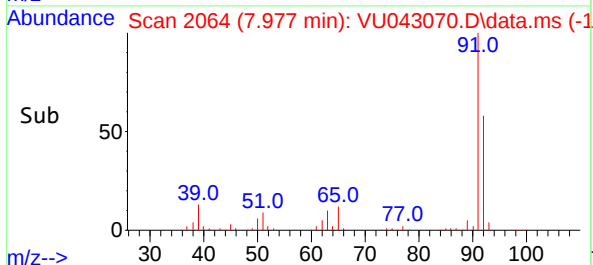
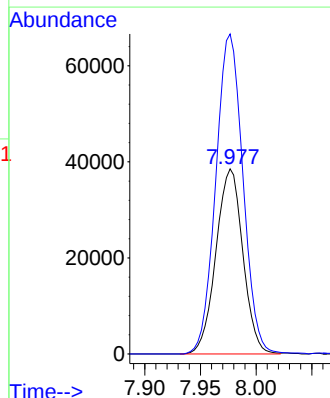
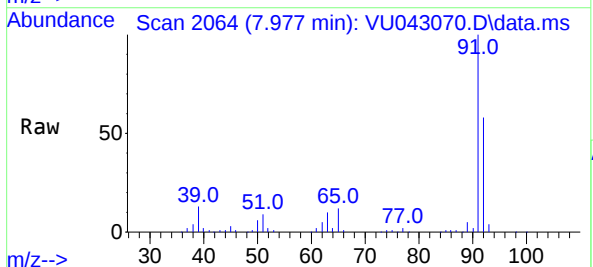
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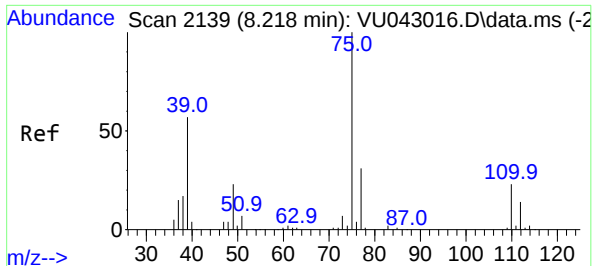
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#52
Toluene
Concen: 17.94 ug/l
RT: 7.977 min Scan# 2064
Delta R.T. 0.001 min
Lab File: VU043070.D
Acq: 13 Apr 2021 23:06

Tgt Ion: 92 Resp: 64818
Ion Ratio Lower Upper
92 100
91 174.6 140.3 210.5





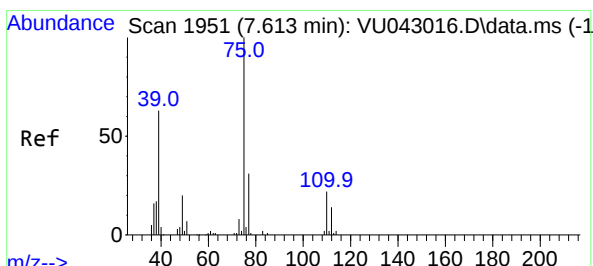
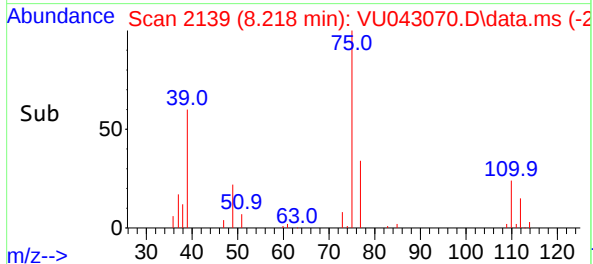
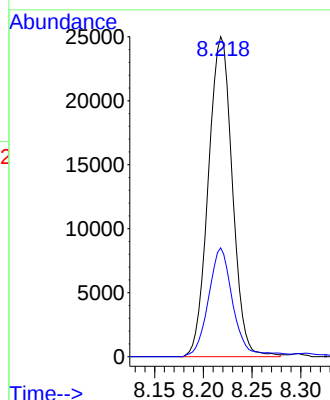
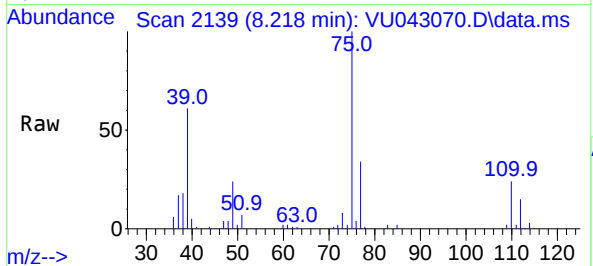
#53
t-1,3-Dichloropropene
Concen: 17.01 ug/l
RT: 8.218 min Scan# 2139
Delta R.T. -0.000 min
Lab File: VU043070.D
Acq: 13 Apr 2021 23:06

Tgt Ion: 75 Resp: 42815
Ion Ratio Lower Upper
75 100
77 34.0 25.6 38.4

Instrument :
MSVOA_U
ClientSampleId :
VU0413WBSD02

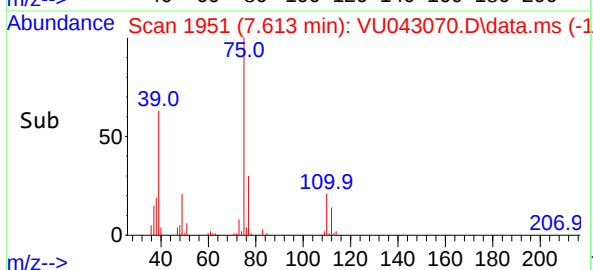
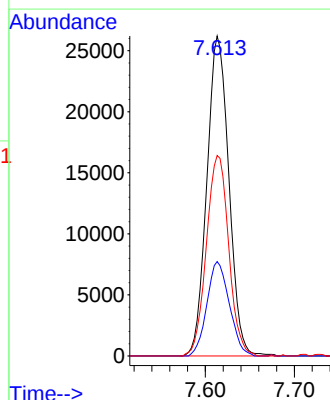
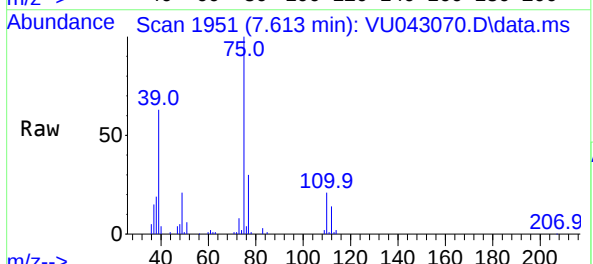
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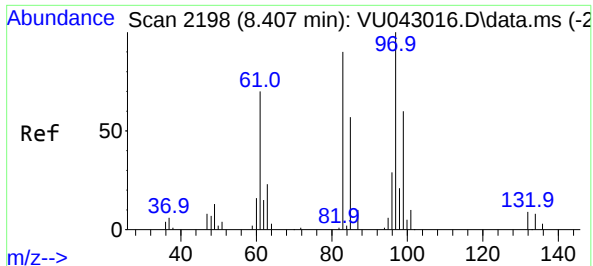
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#54
cis-1,3-Dichloropropene
Concen: 17.60 ug/l
RT: 7.613 min Scan# 1951
Delta R.T. 0.000 min
Lab File: VU043070.D
Acq: 13 Apr 2021 23:06

Tgt Ion: 75 Resp: 44995
Ion Ratio Lower Upper
75 100
77 29.5 24.6 37.0
39 62.7 46.1 69.1





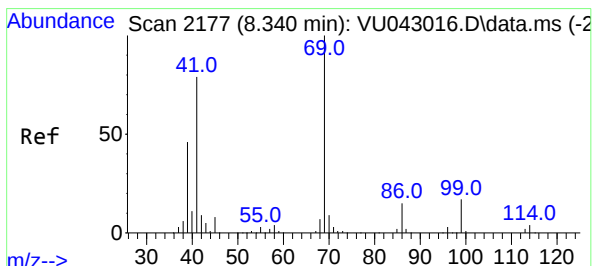
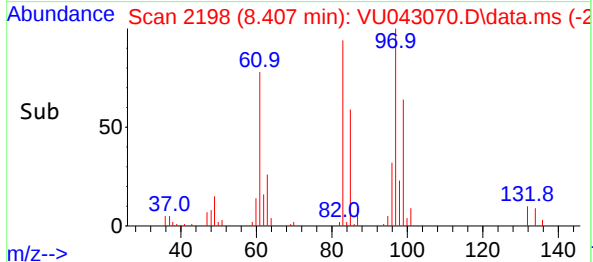
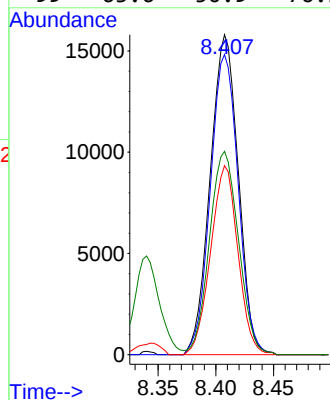
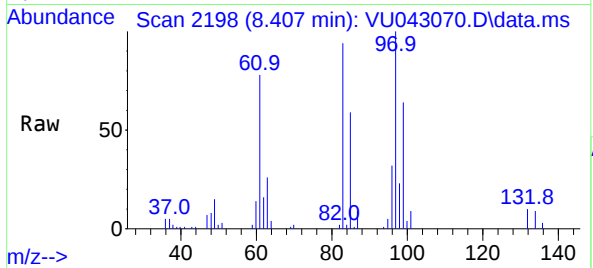
#55
1,1,2-Trichloroethane
Concen: 17.26 ug/l
RT: 8.407 min Scan# 2198
Delta R.T. 0.000 min
Lab File: VU043070.D
Acq: 13 Apr 2021 23:06

Tgt Ion:	97	Resp:	26752
Ion	Ratio	Lower	Upper
97	100		
83	93.8	72.6	109.0
85	59.1	46.6	69.8
99	63.6	50.9	76.3

Instrument :
MSVOA_U
ClientSampleId :
VU0413WBSD02

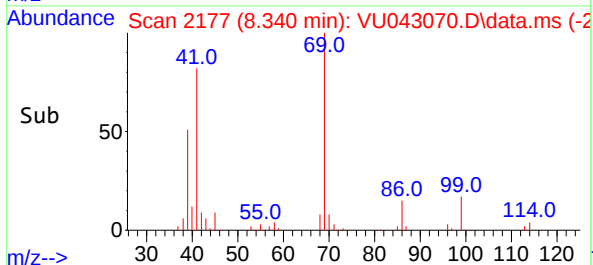
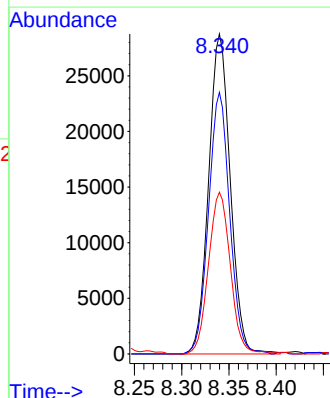
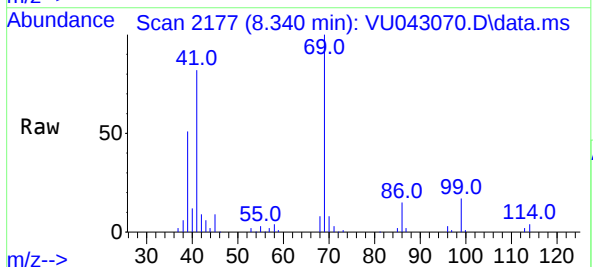
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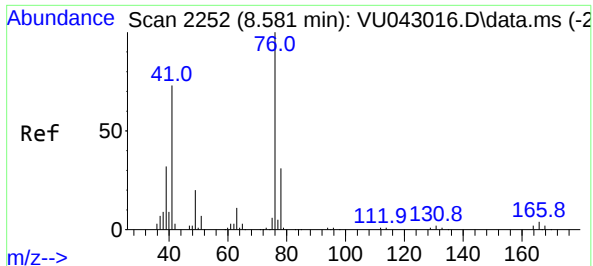
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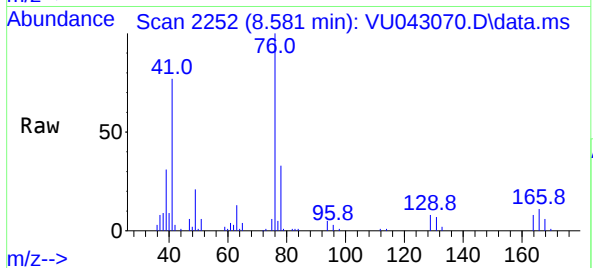
#56
Ethyl methacrylate
Concen: 18.03 ug/l
RT: 8.340 min Scan# 2177
Delta R.T. -0.000 min
Lab File: VU043070.D
Acq: 13 Apr 2021 23:06

Tgt Ion:	69	Resp:	45785
Ion	Ratio	Lower	Upper
69	100		
41	80.1	62.8	94.2
39	51.3	36.2	54.2

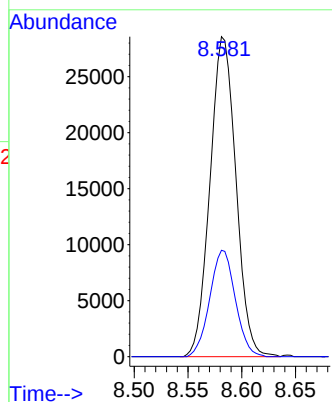
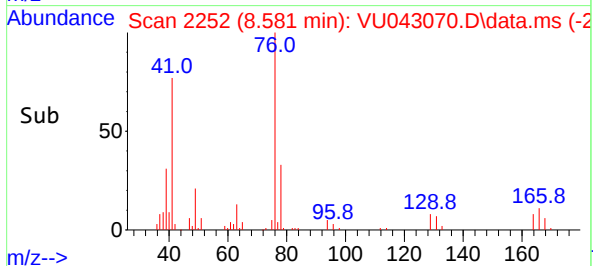




#57
1,3-Dichloropropane
Concen: 17.88 ug/l
RT: 8.581 min Scan# 2252
Delta R.T. 0.000 min
Lab File: VU043070.D
Acq: 13 Apr 2021 23:06



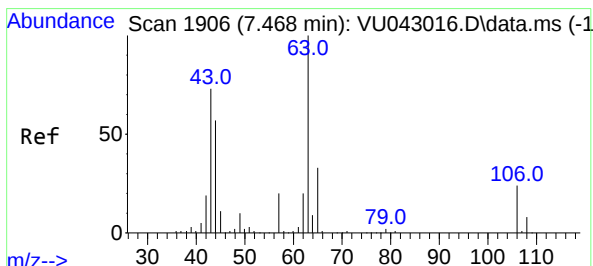
Tgt Ion: 76 Resp: 47881
Ion Ratio Lower Upper
76 100
78 32.8 25.7 38.5



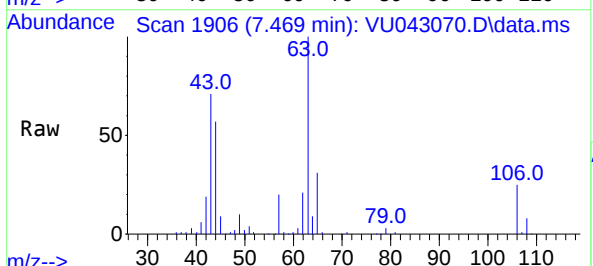
Instrument :
MSVOA_U
ClientSampleId :
VU0413WBSD02

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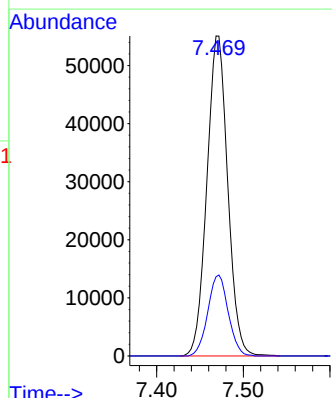
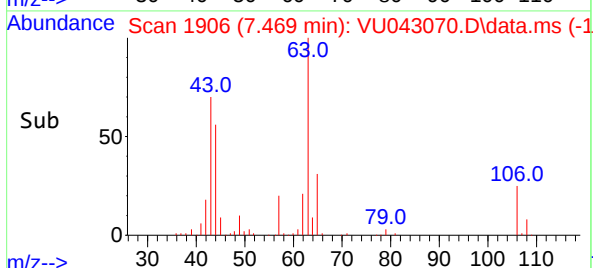
MMDadoda
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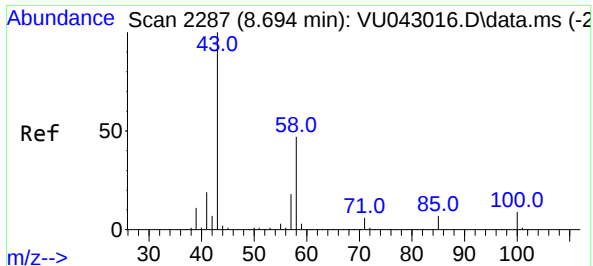


#58
2-Chloroethyl Vinyl ether
Concen: 91.79 ug/l
RT: 7.469 min Scan# 1906
Delta R.T. 0.001 min
Lab File: VU043070.D
Acq: 13 Apr 2021 23:06



Tgt Ion: 63 Resp: 91864
Ion Ratio Lower Upper
63 100
106 24.8 20.3 30.5





#59

2-Hexanone

Concen: 85.36 ug/l

RT: 8.690 min Scan# 2286

Delta R.T. -0.004 min

Lab File: VU043070.D

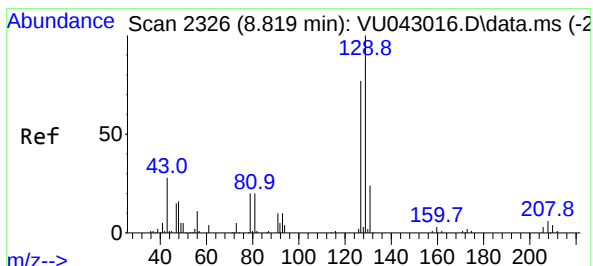
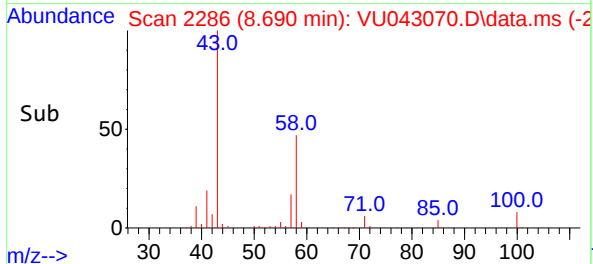
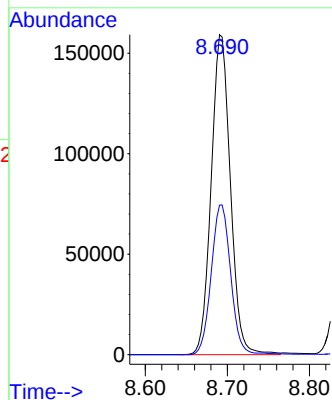
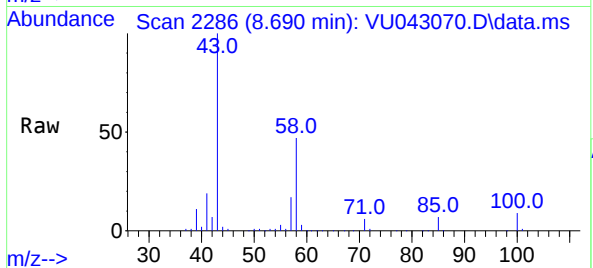
Acq: 13 Apr 2021 23:06

Tgt Ion: 43 Resp: 258724

Ion Ratio Lower Upper

43 100

58 47.6 24.0 72.0



#60

Dibromochloromethane

Concen: 16.87 ug/l

RT: 8.816 min Scan# 2325

Delta R.T. -0.003 min

Lab File: VU043070.D

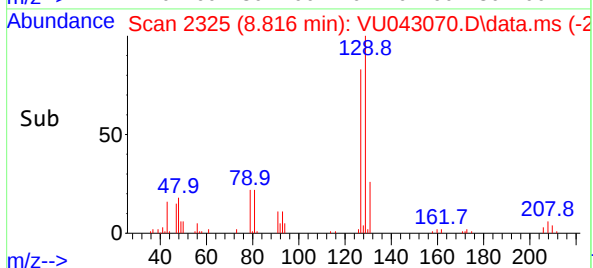
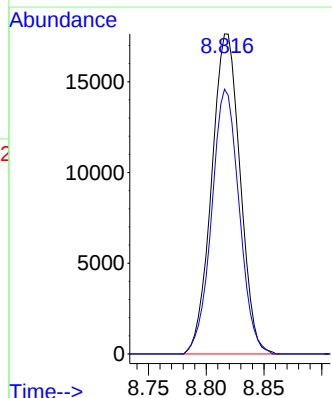
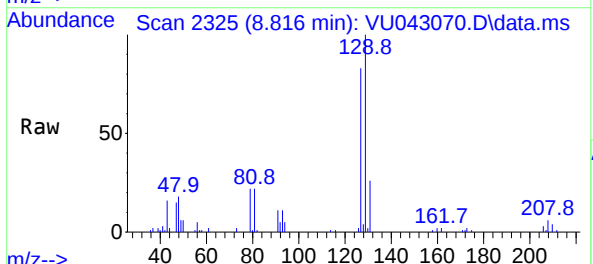
Acq: 13 Apr 2021 23:06

Tgt Ion: 129 Resp: 30249

Ion Ratio Lower Upper

129 100

127 80.1 38.5 115.3



Instrument :

MSVOA_U

ClientSampleId :

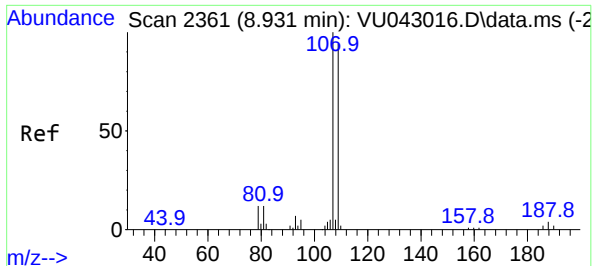
VU0413WBSD02

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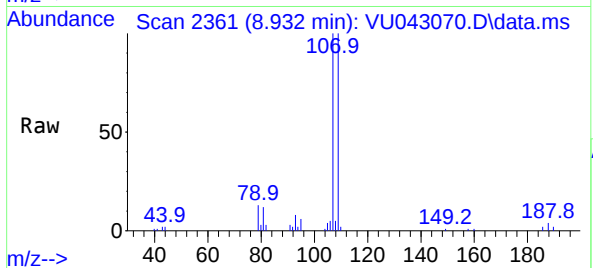
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#61
1,2-Dibromoethane
Concen: 17.72 ug/l
RT: 8.932 min Scan# 2361
Delta R.T. 0.001 min
Lab File: VU043070.D
Acq: 13 Apr 2021 23:06

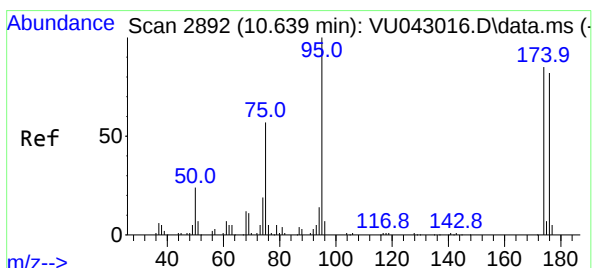
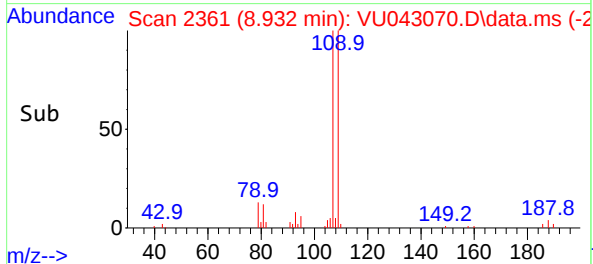
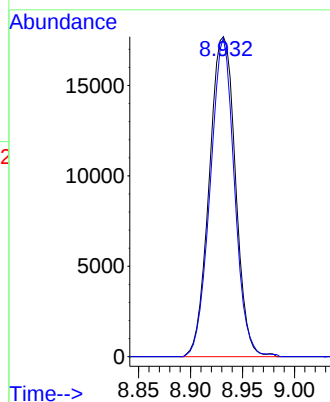
Instrument :
MSVOA_U
ClientSampleId :
VU0413WBSD02



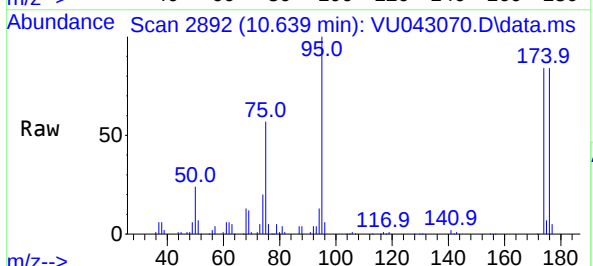
Tgt Ion:107 Resp: 30980
Ion Ratio Lower Upper
107 100
109 92.0 75.9 113.9

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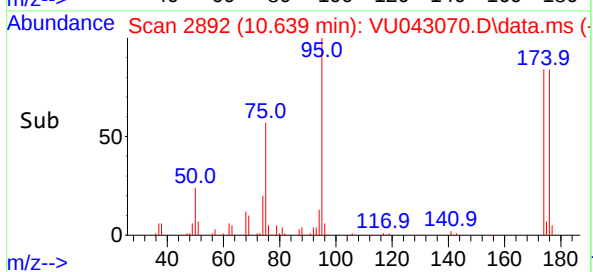
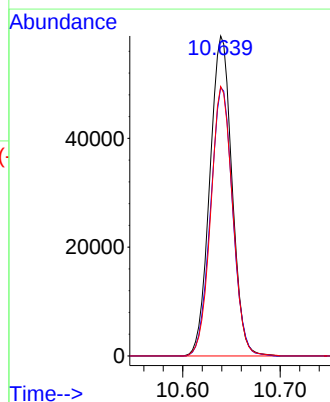
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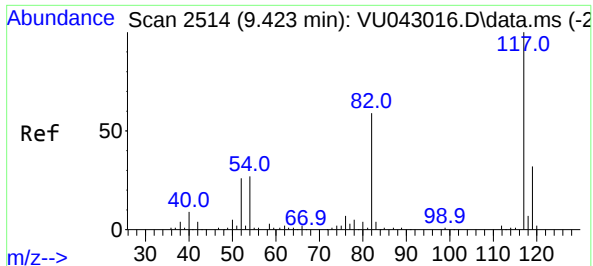


#62
4-Bromofluorobenzene
Concen: 45.48 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043070.D
Acq: 13 Apr 2021 23:06



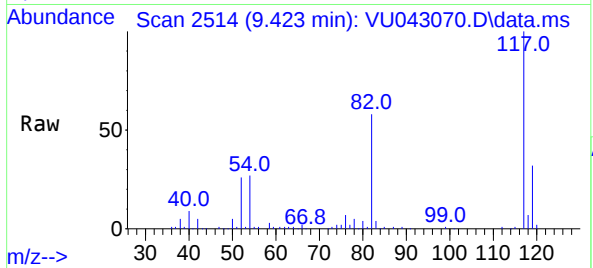
Tgt Ion: 95 Resp: 93116
Ion Ratio Lower Upper
95 100
174 83.6 0.0 172.2
176 82.8 0.0 168.8





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043070.D
Acq: 13 Apr 2021 23:06

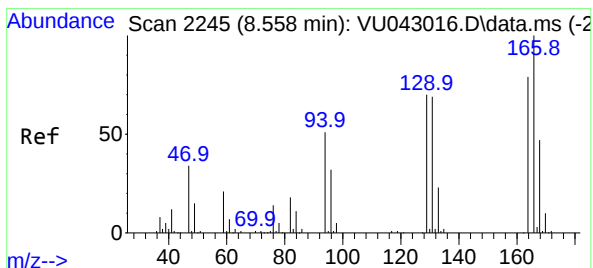
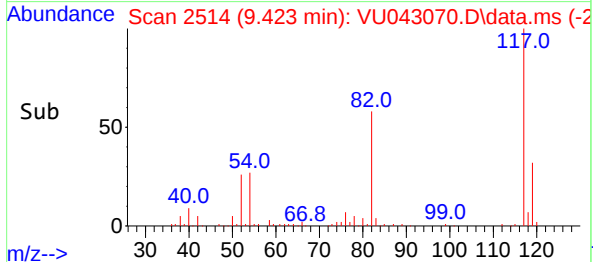
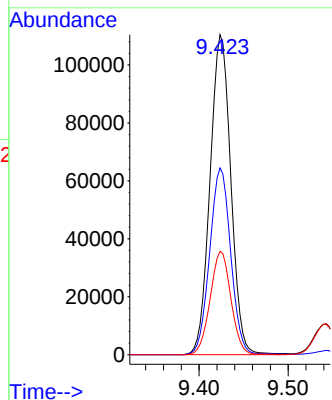
Instrument :
MSVOA_U
ClientSampleId :
VU0413WBSD02



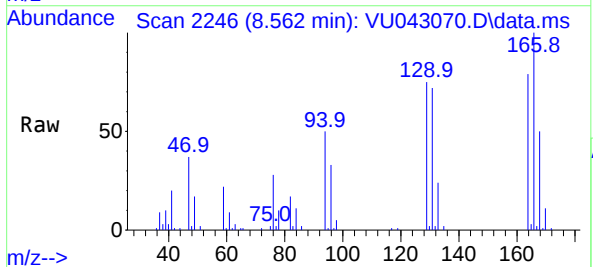
Tgt Ion:117 Resp: 179207
Ion Ratio Lower Upper
117 100
82 58.4 45.8 68.6
119 32.3 25.8 38.8

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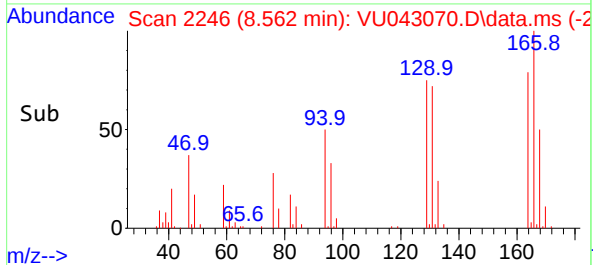
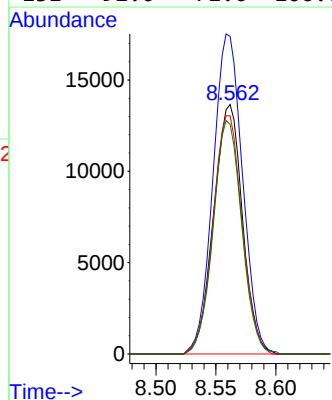
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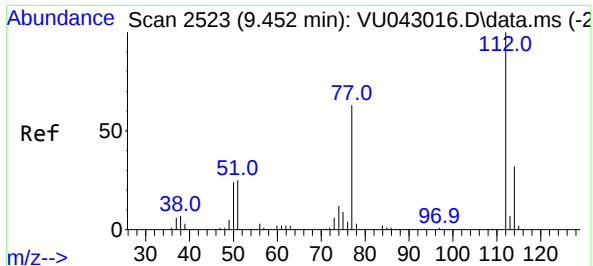


#64
Tetrachloroethene
Concen: 17.58 ug/l
RT: 8.562 min Scan# 2246
Delta R.T. 0.004 min
Lab File: VU043070.D
Acq: 13 Apr 2021 23:06



Tgt Ion:164 Resp: 22859
Ion Ratio Lower Upper
164 100
166 127.3 105.3 157.9
129 95.4 75.0 112.6
131 92.0 71.0 106.6





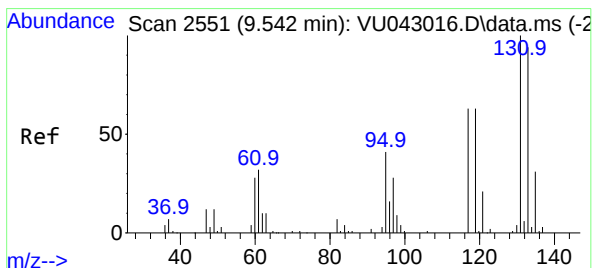
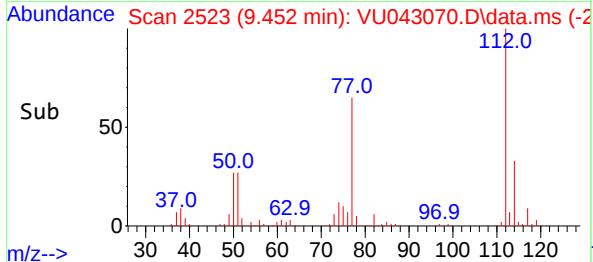
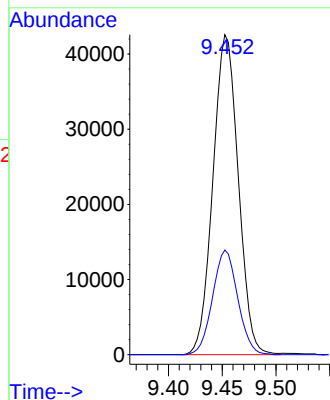
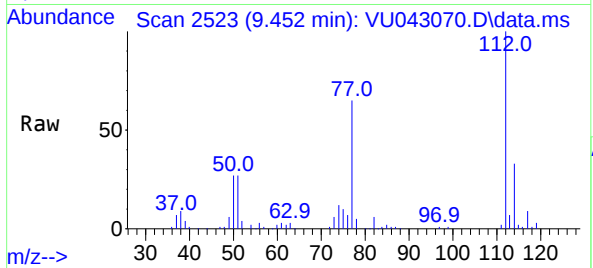
#65
Chlorobenzene
Concen: 18.16 ug/l
RT: 9.452 min Scan# 2523
Delta R.T. 0.000 min
Lab File: VU043070.D
Acq: 13 Apr 2021 23:06

Tgt Ion:112 Resp: 69792
Ion Ratio Lower Upper
112 100
114 32.7 25.0 37.4

Instrument :
MSVOA_U
ClientSampleId :
VU0413WBSD02

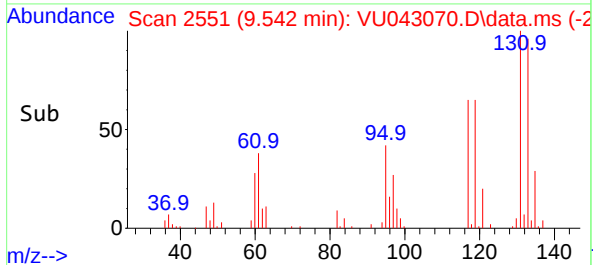
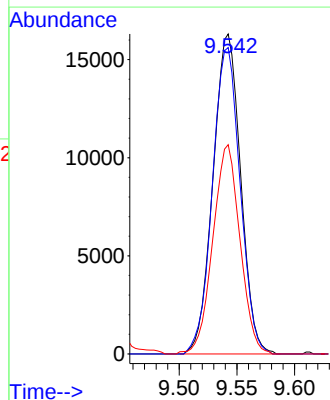
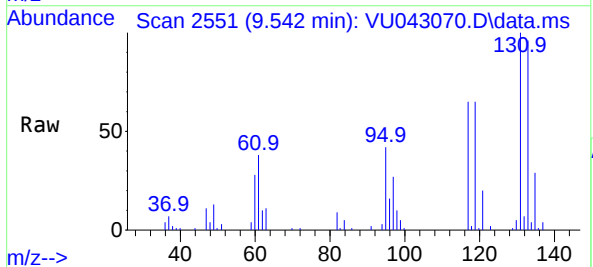
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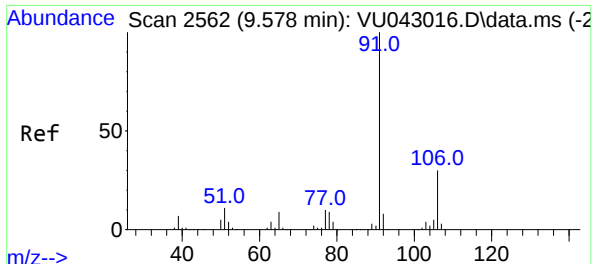
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.46 ug/l
RT: 9.542 min Scan# 2551
Delta R.T. 0.000 min
Lab File: VU043070.D
Acq: 13 Apr 2021 23:06

Tgt Ion:131 Resp: 27114
Ion Ratio Lower Upper
131 100
133 96.1 47.6 142.9
119 64.3 31.9 95.5





#67

Ethyl Benzene

Concen: 18.84 ug/l

RT: 9.578 min Scan# 2562

Delta R.T. -0.000 min

Lab File: VU043070.D

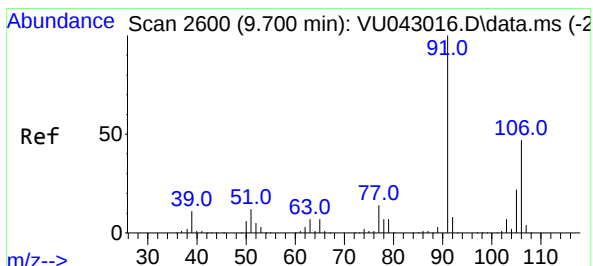
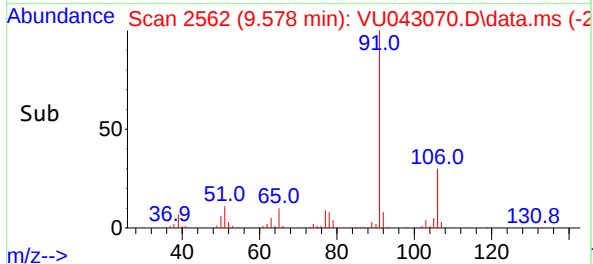
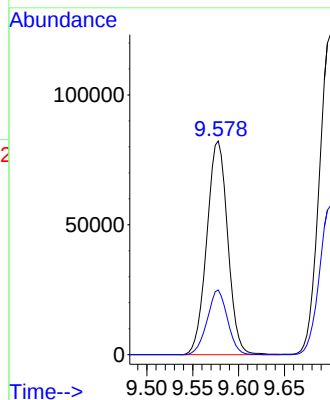
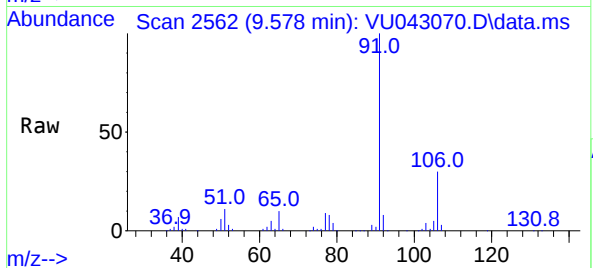
Acq: 13 Apr 2021 23:06

Tgt Ion: 91 Resp: 130660

Ion Ratio Lower Upper

91 100

106 30.3 24.1 36.1



#68

m/p-Xylenes

Concen: 36.93 ug/l

RT: 9.700 min Scan# 2600

Delta R.T. -0.000 min

Lab File: VU043070.D

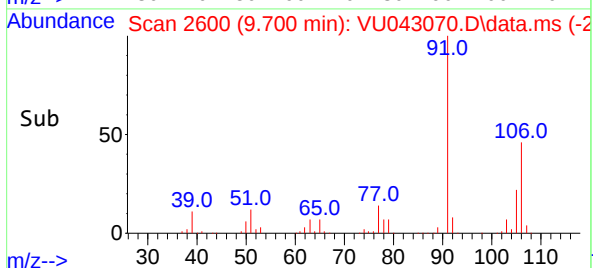
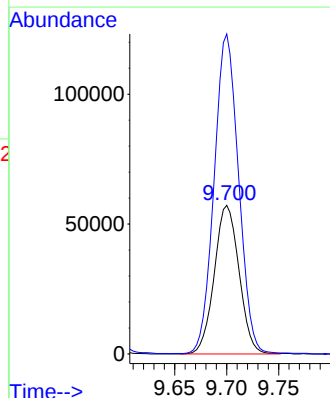
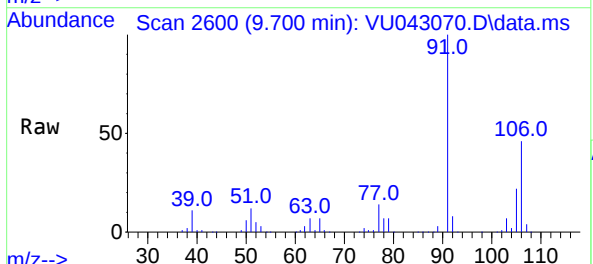
Acq: 13 Apr 2021 23:06

Tgt Ion: 106 Resp: 94766

Ion Ratio Lower Upper

106 100

91 212.1 169.9 254.9



Instrument :

MSVOA_U

ClientSampleId :

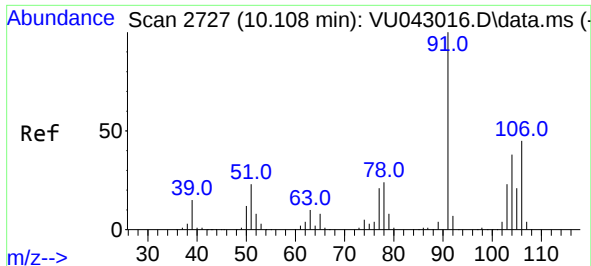
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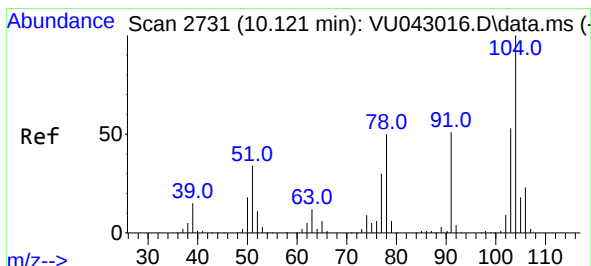
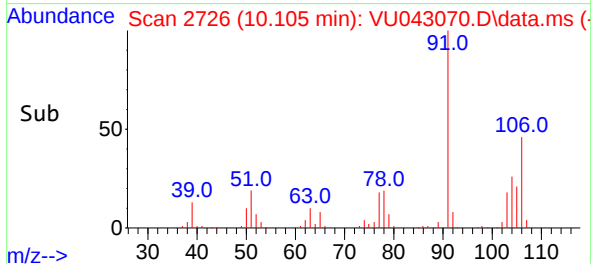
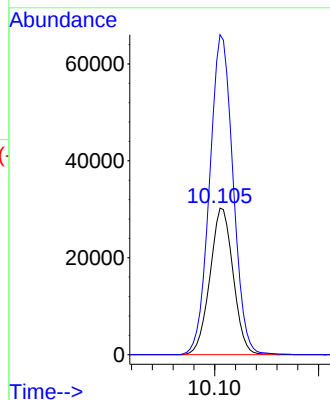
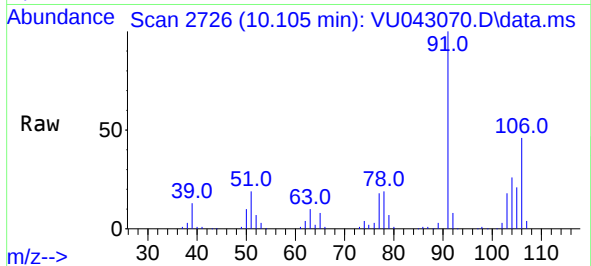
#69
o-Xylene
Concen: 18.69 ug/l
RT: 10.105 min Scan# 2726
Delta R.T. -0.003 min
Lab File: VU043070.D
Acq: 13 Apr 2021 23:06

Tgt Ion:106 Resp: 46804
Ion Ratio Lower Upper
106 100
91 221.6 111.2 333.6

Instrument :
MSVOA_U
ClientSampleId :
VU0413WBSD02

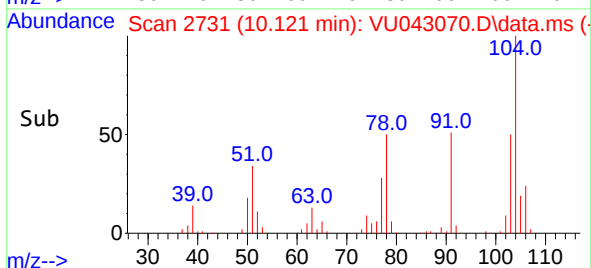
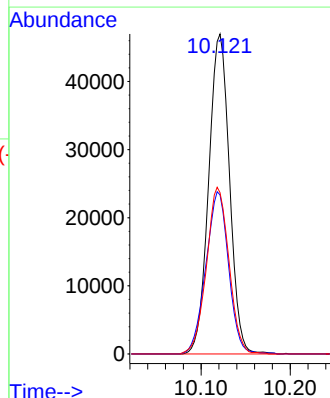
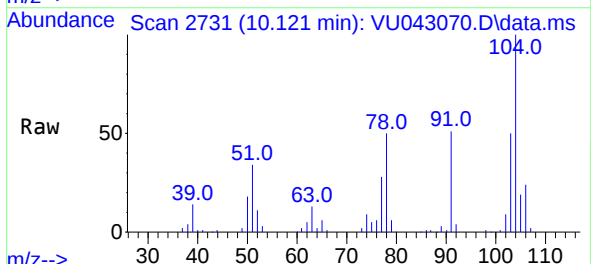
Manual Integrations
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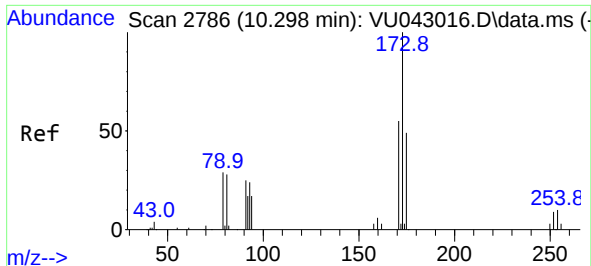
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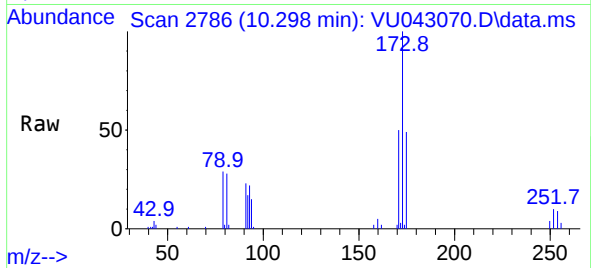
#70
Styrene
Concen: 18.06 ug/l
RT: 10.121 min Scan# 2731
Delta R.T. 0.000 min
Lab File: VU043070.D
Acq: 13 Apr 2021 23:06

Tgt Ion:104 Resp: 76188
Ion Ratio Lower Upper
104 100
78 55.5 44.8 67.2
103 56.4 45.7 68.5

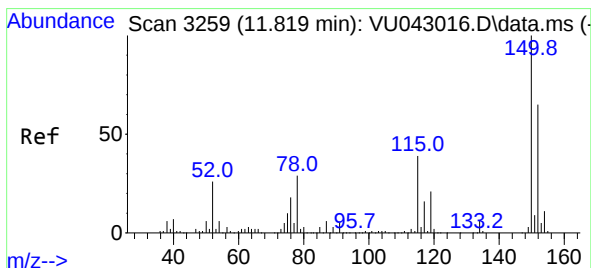
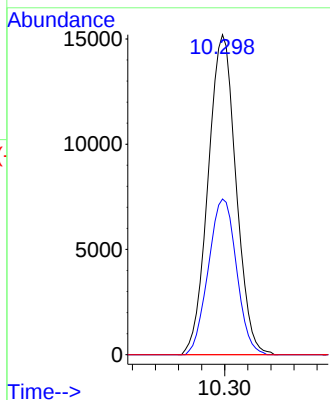
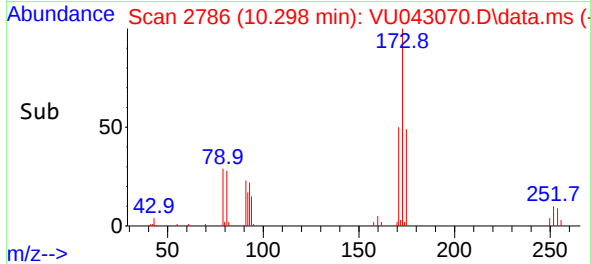




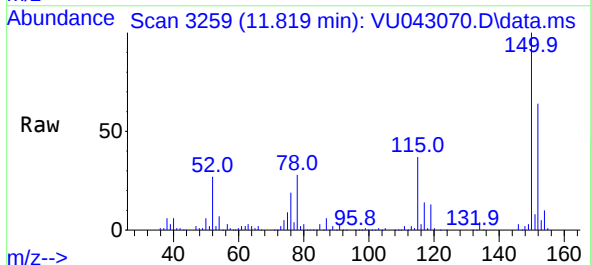
#71
Bromoform
Concen: 16.81 ug/l
RT: 10.298 min Scan# 2786
Delta R.T. 0.000 min
Lab File: VU043070.D
Acq: 13 Apr 2021 23:06



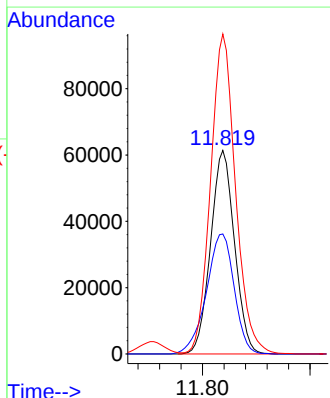
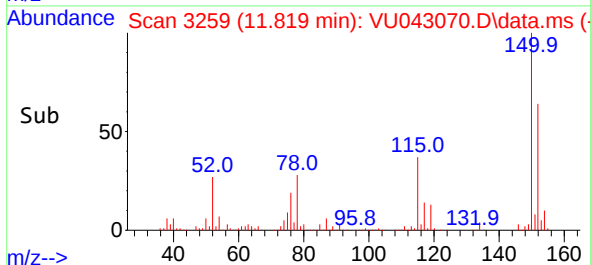
Tgt Ion:173 Resp: 25446
Ion Ratio Lower Upper
173 100
175 49.2 23.8 71.2
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU043070.D
Acq: 13 Apr 2021 23:06



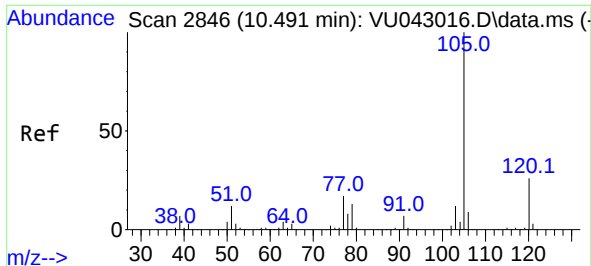
Tgt Ion:152 Resp: 94867
Ion Ratio Lower Upper
152 100
115 68.3 41.5 124.6
150 163.8 0.0 342.4



Instrument :
MSVOA_U
ClientSampleId :
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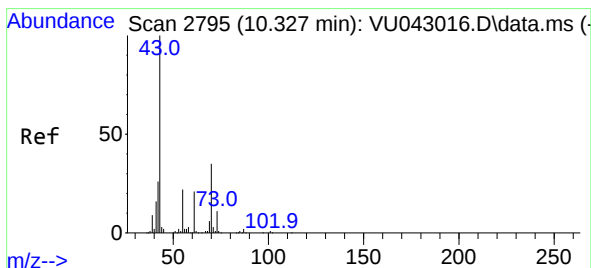
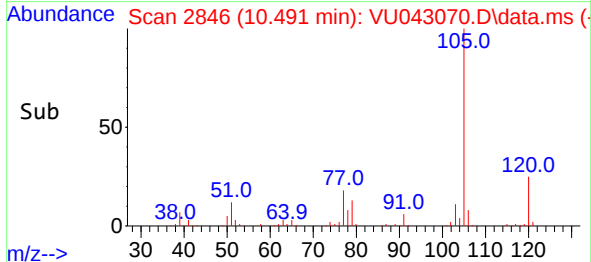
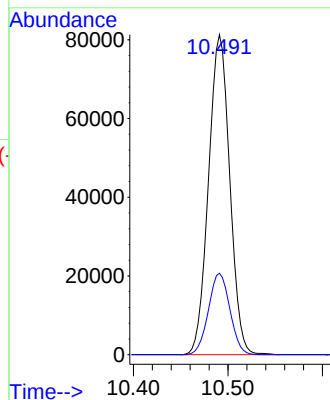
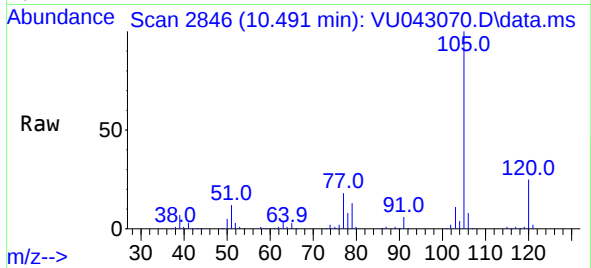
#73
Isopropylbenzene
Concen: 19.91 ug/l
RT: 10.491 min Scan# 2846
Delta R.T. -0.000 min
Lab File: VU043070.D
Acq: 13 Apr 2021 23:06

Tgt Ion: 105 Resp: 126791
Ion Ratio Lower Upper
105 100
120 25.7 13.1 39.3

Instrument :
MSVOA_U
ClientSampleId :
VU0413WBSD02

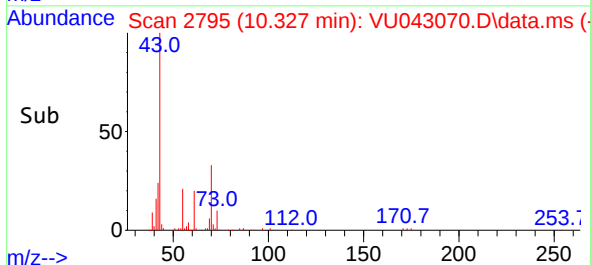
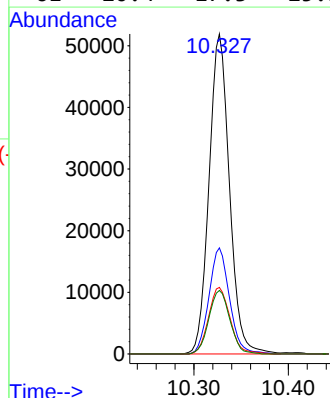
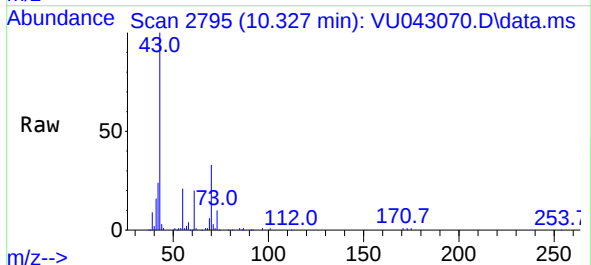
Manual Integrations
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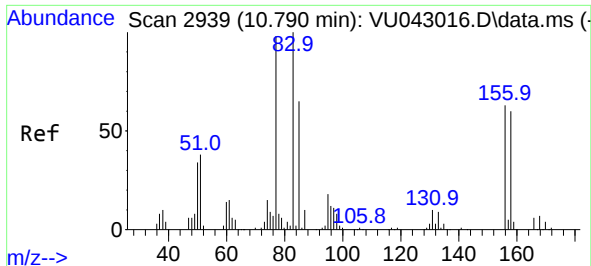
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#74
N-ethyl acetate
Concen: 19.02 ug/l
RT: 10.327 min Scan# 2795
Delta R.T. -0.000 min
Lab File: VU043070.D
Acq: 13 Apr 2021 23:06

Tgt Ion: 43 Resp: 77804
Ion Ratio Lower Upper
43 100
70 33.5 28.3 42.5
55 21.9 17.2 25.8
61 20.4 17.3 25.9





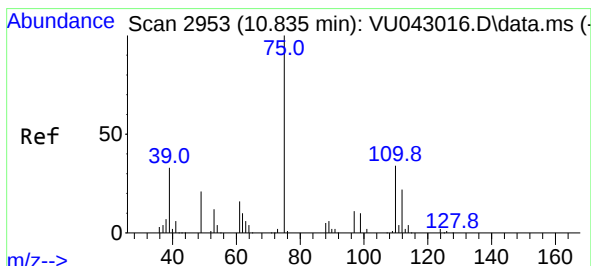
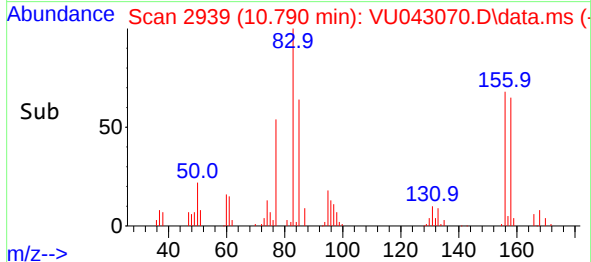
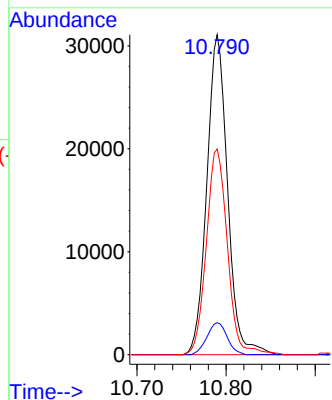
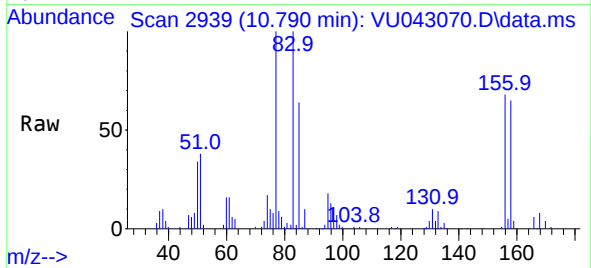
#75
1,1,2,2-Tetrachloroethane
Concen: 18.10 ug/l
RT: 10.790 min Scan# 2939
Delta R.T. -0.000 min
Lab File: VU043070.D
Acq: 13 Apr 2021 23:06

Tgt Ion: 83 Resp: 50182
Ion Ratio Lower Upper
83 100
131 9.8 5.1 15.2
85 65.4 31.7 95.1

Instrument :
MSVOA_U
ClientSampleId :
VU0413WBSD02

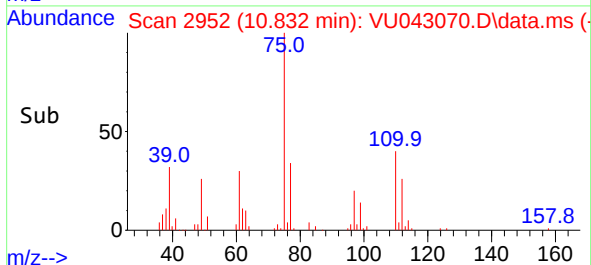
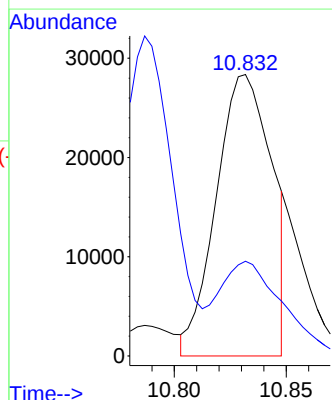
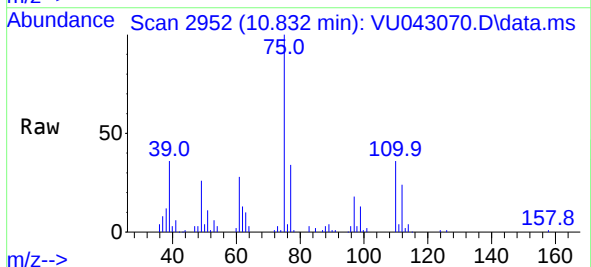
Manual Integrations
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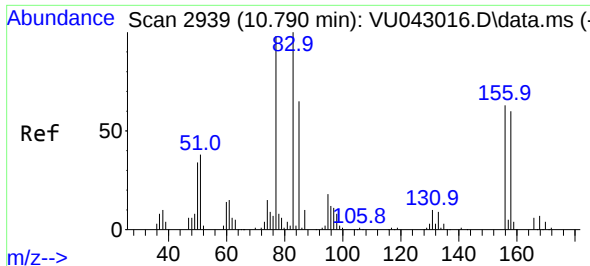
MMDadoda
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#76
1,2,3-Trichloropropane
Concen: 17.64 ug/l m
RT: 10.832 min Scan# 2952
Delta R.T. -0.003 min
Lab File: VU043070.D
Acq: 13 Apr 2021 23:06

Tgt Ion: 75 Resp: 48912
Ion Ratio Lower Upper
75 100
77 39.4 20.2 60.5





#77
Bromobenzene
Concen: 19.39 ug/l
RT: 10.790 min Scan# 2939
Delta R.T. -0.000 min
Lab File: VU043070.D
Acq: 13 Apr 2021 23:06

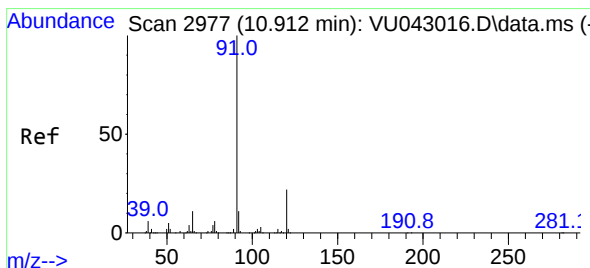
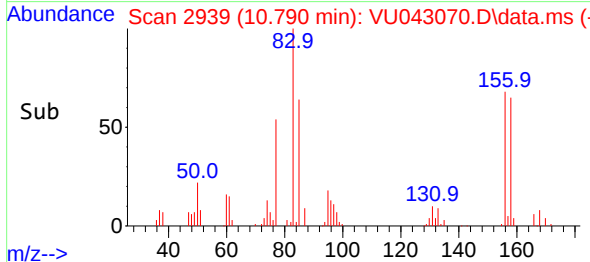
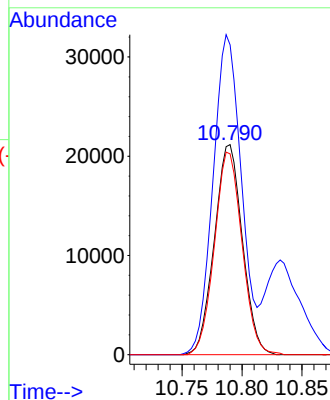
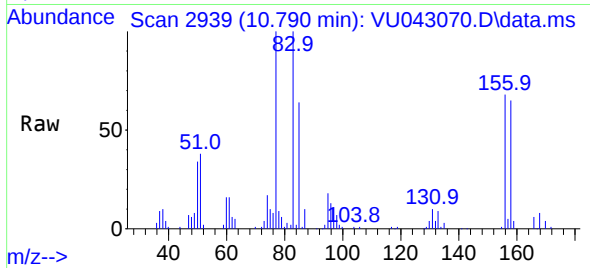
Tgt Ion: 156 Resp: 34394

Ion	Ratio	Lower	Upper
156	100		
77	153.1	79.3	238.1
158	94.8	48.3	144.9

Instrument :
MSVOA_U
ClientSampleId :
VU0413WBSD02

Manual Integrations
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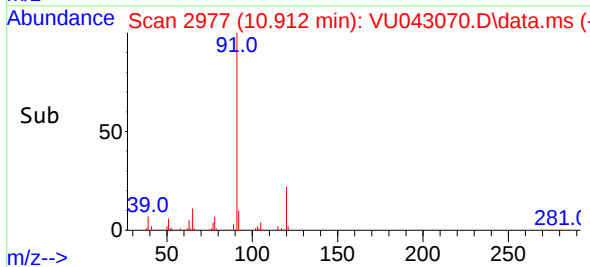
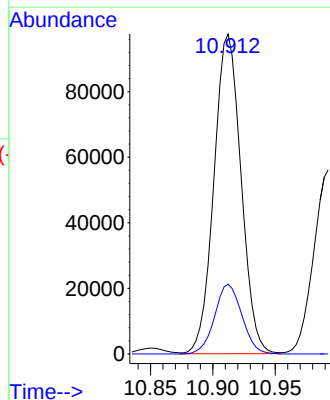
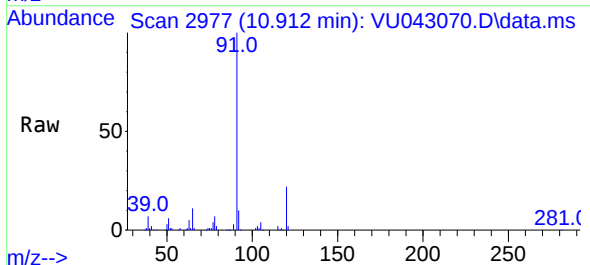
MMDadoda
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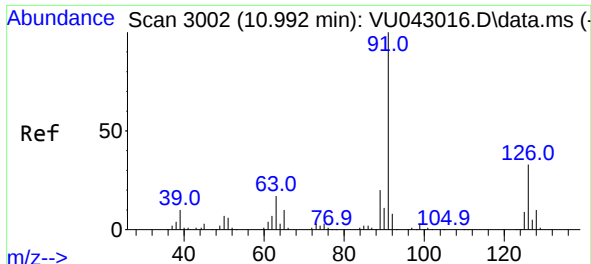


#78
n-propylbenzene
Concen: 19.34 ug/l
RT: 10.912 min Scan# 2977
Delta R.T. 0.000 min
Lab File: VU043070.D
Acq: 13 Apr 2021 23:06

Tgt Ion: 91 Resp: 147422

Ion	Ratio	Lower	Upper
91	100		
120	21.9	11.2	33.6





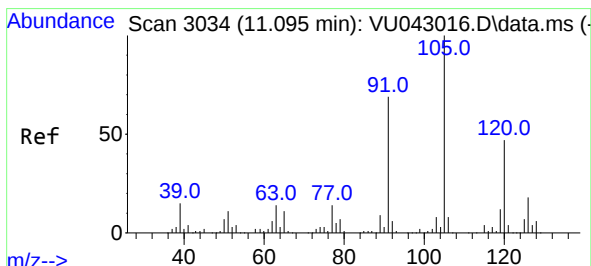
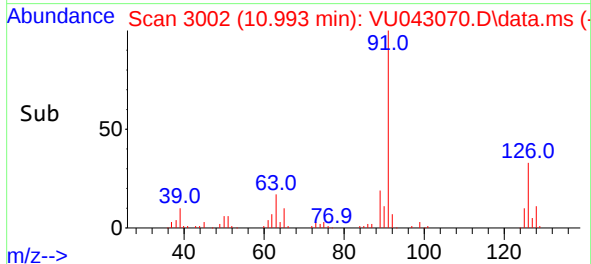
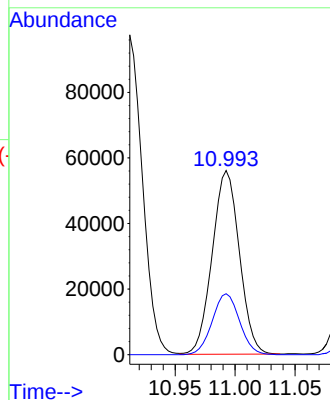
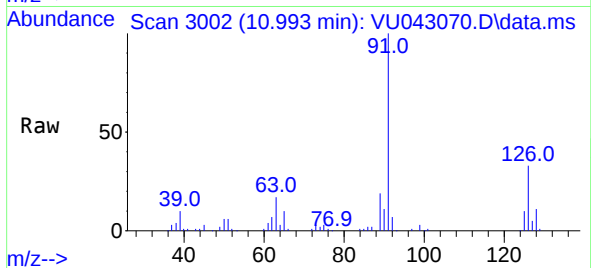
#79
2-Chlorotoluene
Concen: 19.03 ug/l
RT: 10.993 min Scan# 3002
Delta R.T. 0.001 min
Lab File: VU043070.D
Acq: 13 Apr 2021 23:06

Tgt Ion: 91 Resp: 88155
Ion Ratio Lower Upper
91 100
126 33.4 16.7 50.0

Instrument :
MSVOA_U
ClientSampleId :
VU0413WBSD02

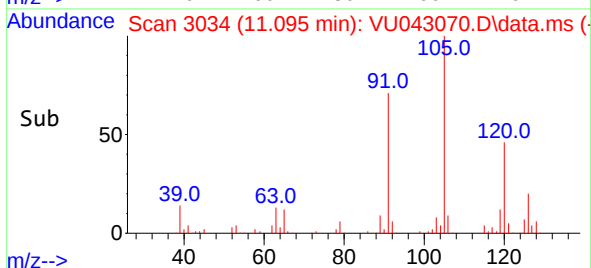
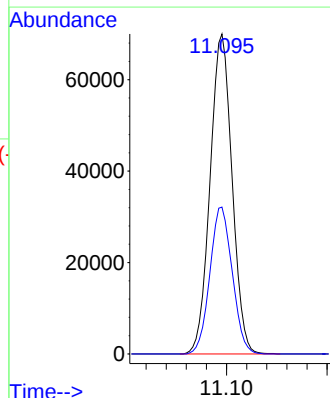
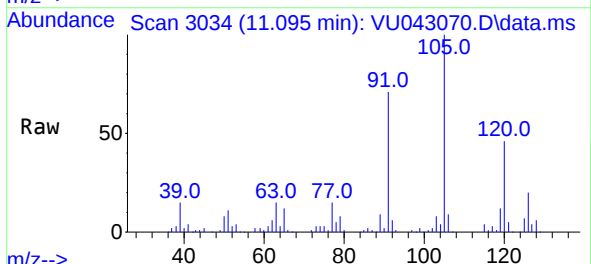
Manual Integrations
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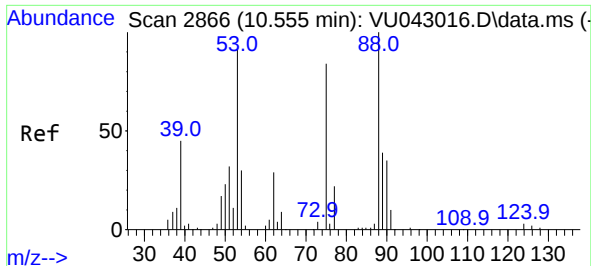
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#80
1,3,5-Trimethylbenzene
Concen: 18.89 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. 0.000 min
Lab File: VU043070.D
Acq: 13 Apr 2021 23:06

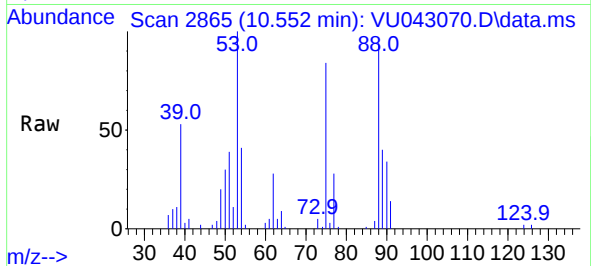
Tgt Ion:105 Resp: 106192
Ion Ratio Lower Upper
105 100
120 46.7 23.8 71.4





#81
trans-1,4-Dichloro-2-butene
Concen: 16.38 ug/l
RT: 10.552 min Scan# 2865
Delta R.T. -0.003 min
Lab File: VU043070.D
Acq: 13 Apr 2021 23:06

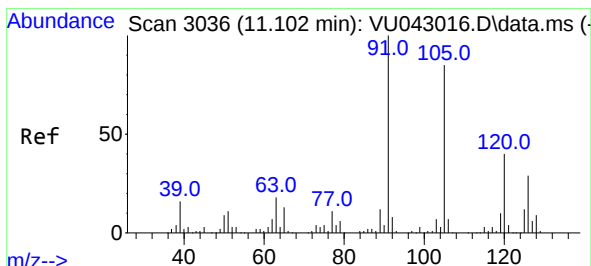
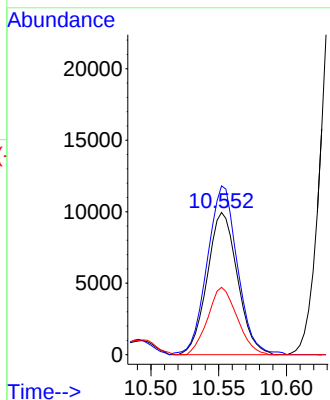
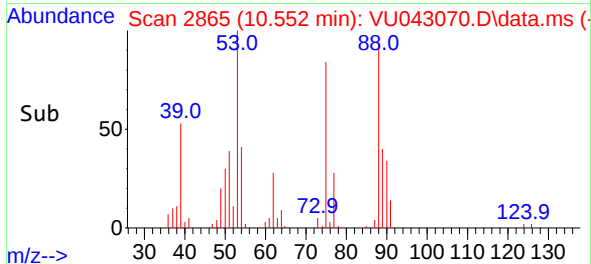
Instrument :
MSVOA_U
ClientSampleId :
VU0413WBSD02



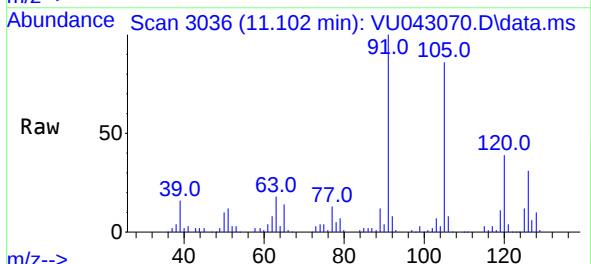
Tgt Ion: 75 Resp: 15457
Ion Ratio Lower Upper
75 100
53 118.4 85.6 128.4
89 46.1 35.7 53.5

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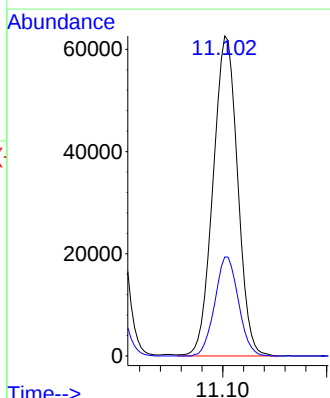
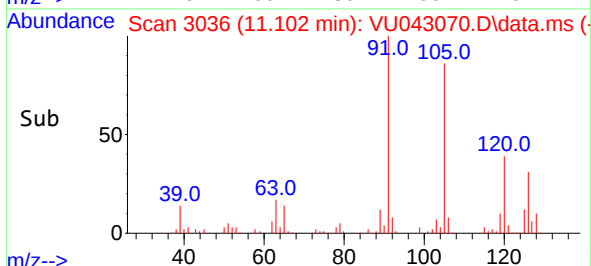
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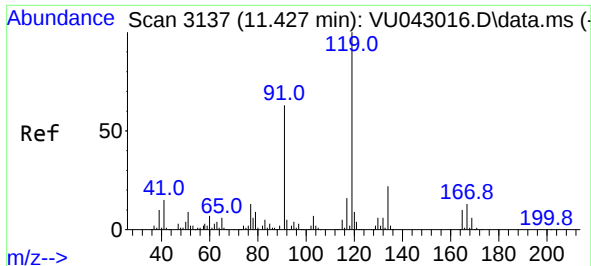


#82
4-Chlorotoluene
Concen: 18.44 ug/l
RT: 11.102 min Scan# 3036
Delta R.T. -0.000 min
Lab File: VU043070.D
Acq: 13 Apr 2021 23:06



Tgt Ion: 91 Resp: 102631
Ion Ratio Lower Upper
91 100
126 29.8 14.6 44.0





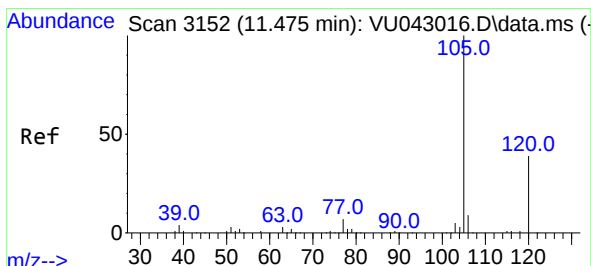
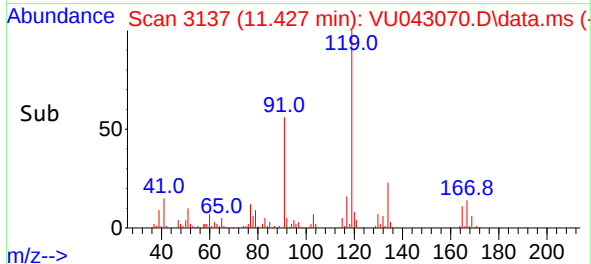
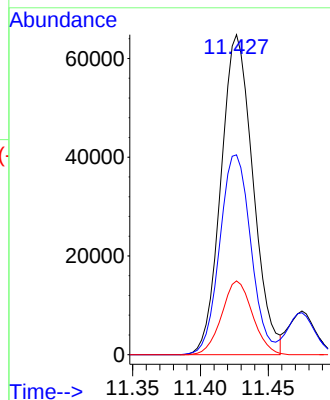
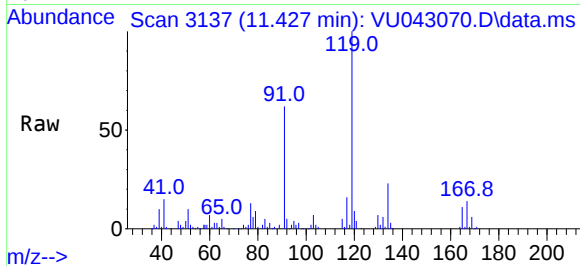
#83
tert-Butylbenzene
Concen: 19.30 ug/l
RT: 11.427 min Scan# 3137
Delta R.T. -0.000 min
Lab File: VU043070.D
Acq: 13 Apr 2021 23:06

Tgt Ion:119 Resp: 106655
Ion Ratio Lower Upper
119 100
91 60.9 30.3 90.9
134 22.2 11.4 34.1

Instrument :
MSVOA_U
ClientSampleId :
VU0413WBSD02

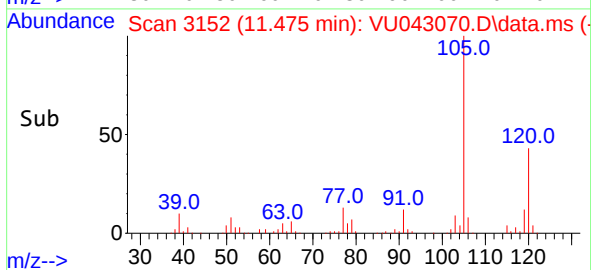
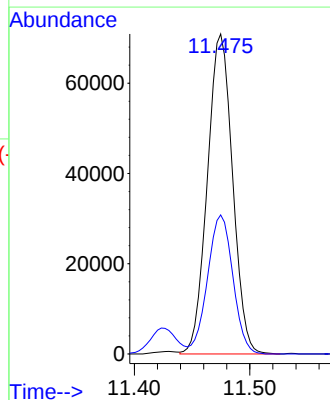
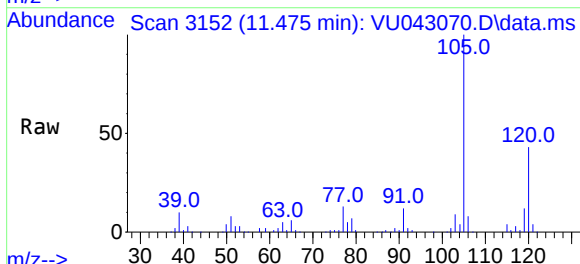
Manual Integrations
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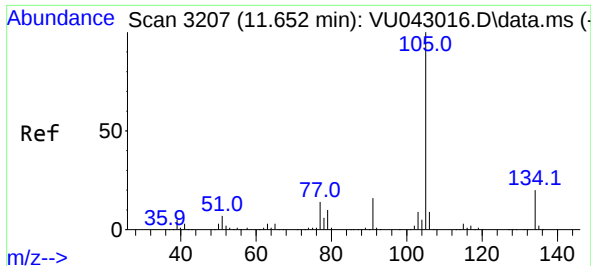
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#84
1,2,4-Trimethylbenzene
Concen: 18.64 ug/l
RT: 11.475 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VU043070.D
Acq: 13 Apr 2021 23:06

Tgt Ion:105 Resp: 107624
Ion Ratio Lower Upper
105 100
120 43.6 22.3 66.8





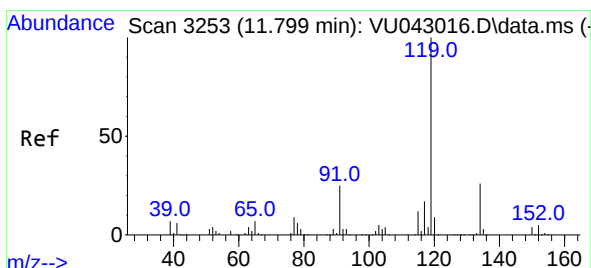
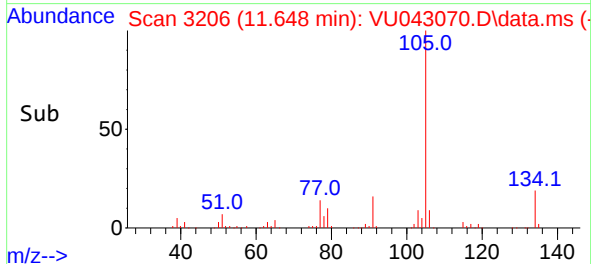
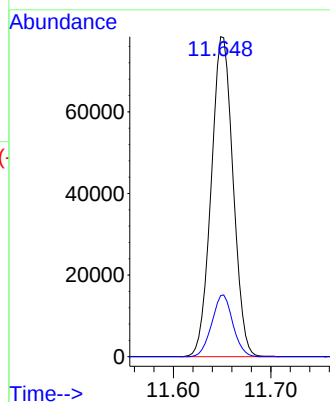
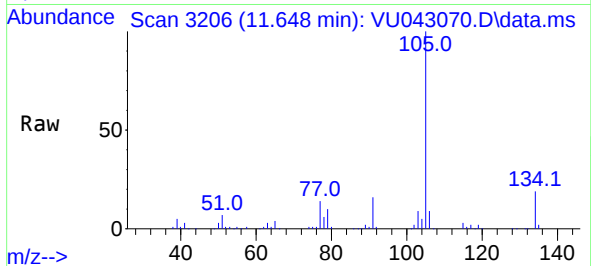
#85
 sec-Butylbenzene
 Concen: 18.83 ug/l
 RT: 11.648 min Scan# 3206
 Delta R.T. -0.004 min
 Lab File: VU043070.D
 Acq: 13 Apr 2021 23:06

Tgt Ion:105 Resp: 121949
 Ion Ratio Lower Upper
 105 100
 134 18.6 10.0 30.0

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0413WBSD02

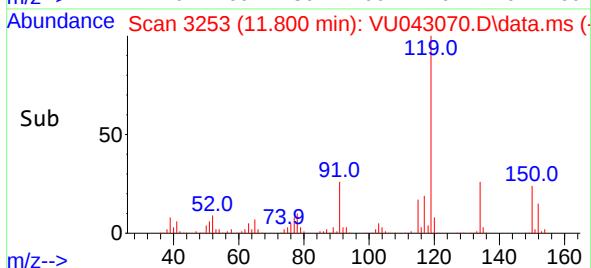
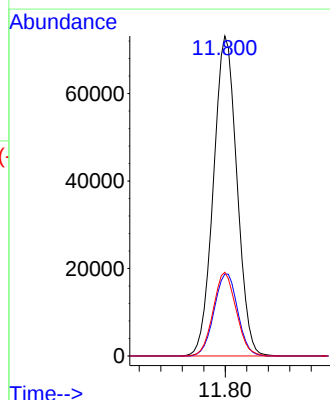
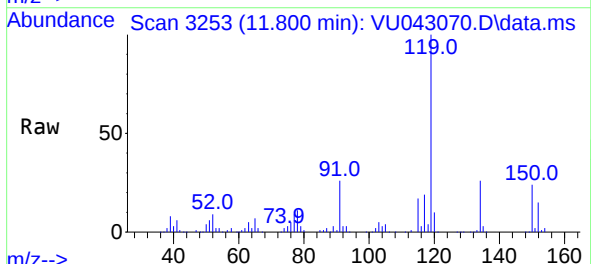
Manual Integrations
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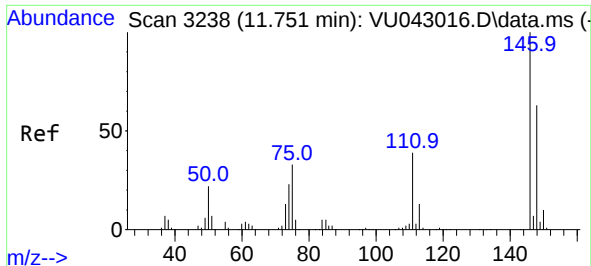
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#86
 p-Isopropyltoluene
 Concen: 18.59 ug/l
 RT: 11.800 min Scan# 3253
 Delta R.T. 0.001 min
 Lab File: VU043070.D
 Acq: 13 Apr 2021 23:06

Tgt Ion:119 Resp: 110795
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.2 39.6
 91 25.6 12.8 38.3





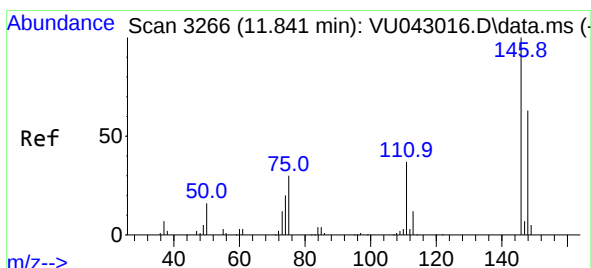
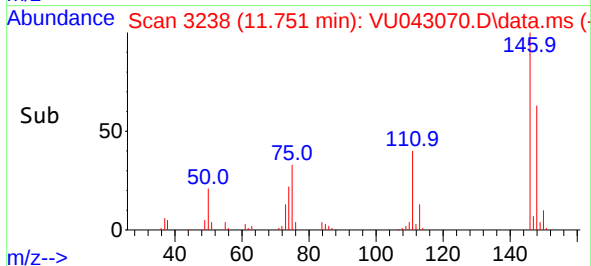
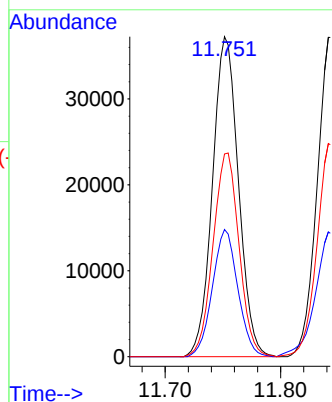
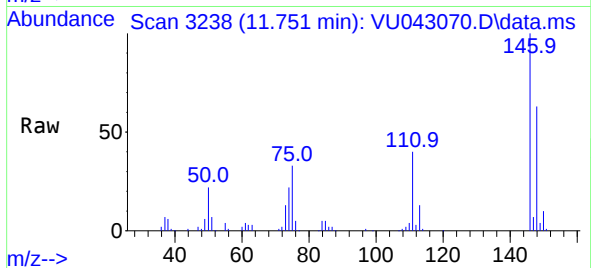
#87
1,3-Dichlorobenzene
Concen: 18.08 ug/l
RT: 11.751 min Scan# 3238
Delta R.T. 0.000 min
Lab File: VU043070.D
Acq: 13 Apr 2021 23:06

Tgt Ion:146 Resp: 58135
Ion Ratio Lower Upper
146 100
111 38.9 19.9 59.6
148 63.7 32.0 96.2

Instrument :
MSVOA_U
ClientSampleId :
VU0413WBSD02

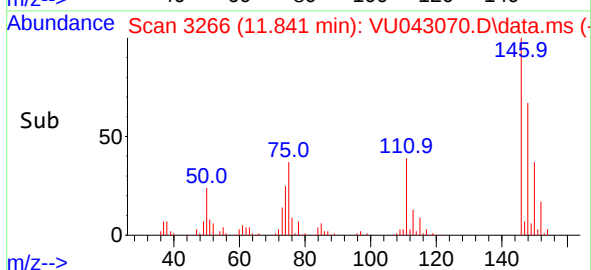
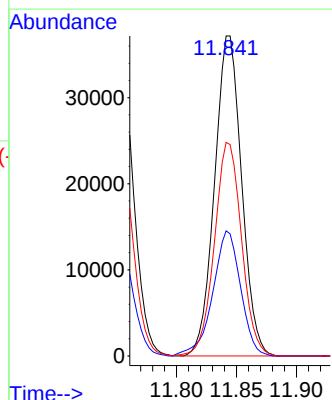
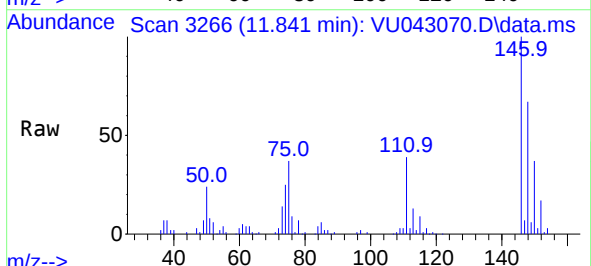
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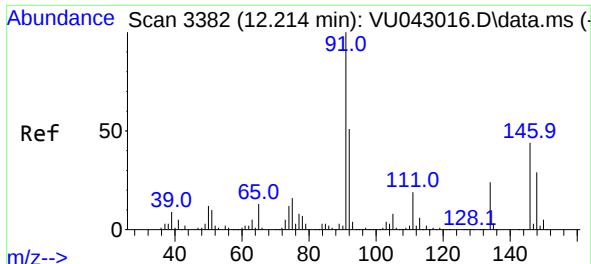
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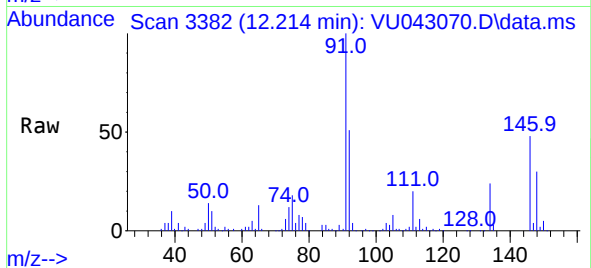
#88
1,4-Dichlorobenzene
Concen: 17.39 ug/l
RT: 11.841 min Scan# 3266
Delta R.T. 0.000 min
Lab File: VU043070.D
Acq: 13 Apr 2021 23:06

Tgt Ion:146 Resp: 58325
Ion Ratio Lower Upper
146 100
111 40.1 19.7 59.0
148 66.9 32.8 98.3

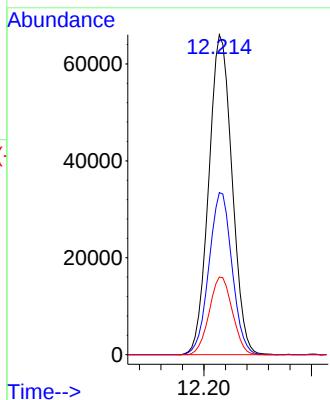
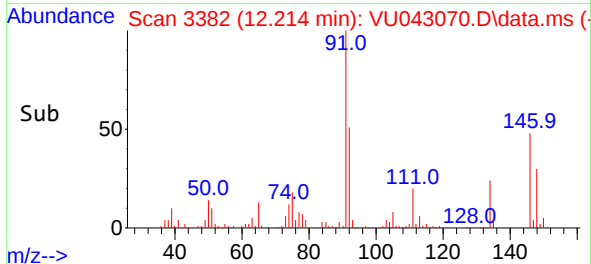




#89
n-Butylbenzene
Concen: 17.80 ug/l
RT: 12.214 min Scan# 3382
Delta R.T. 0.000 min
Lab File: VU043070.D
Acq: 13 Apr 2021 23:06



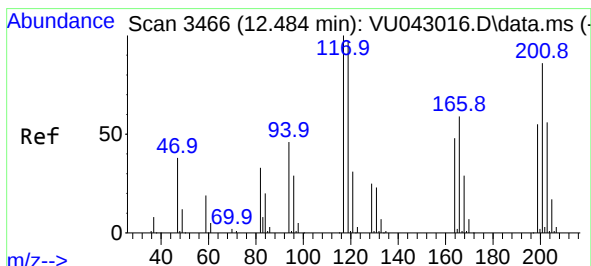
Tgt Ion: 91 Resp: 99380
Ion Ratio Lower Upper
91 100
92 50.3 26.2 78.6
134 24.1 12.7 38.1



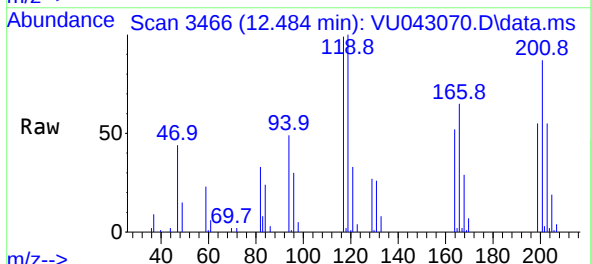
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ClientSampleId :
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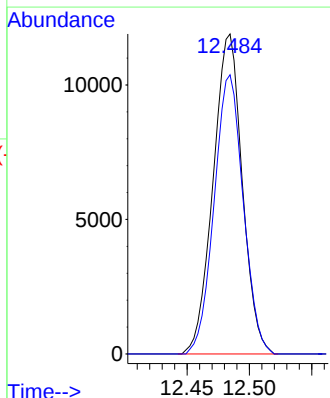
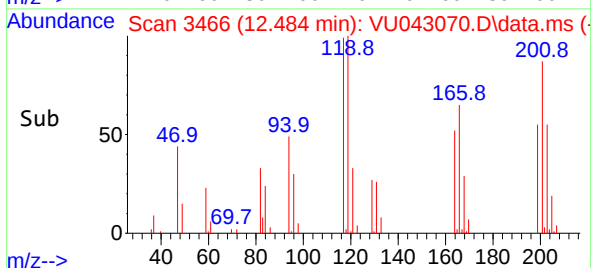
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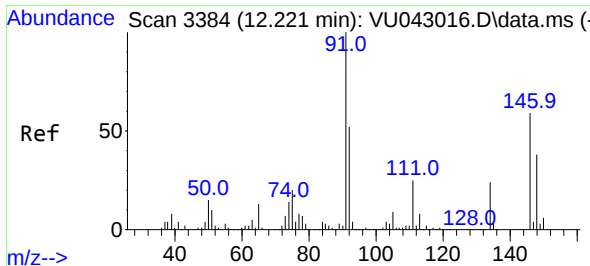


#90
Hexachloroethane
Concen: 17.34 ug/l
RT: 12.484 min Scan# 3466
Delta R.T. 0.000 min
Lab File: VU043070.D
Acq: 13 Apr 2021 23:06



Tgt Ion: 117 Resp: 19372
Ion Ratio Lower Upper
117 100
201 86.9 43.5 130.7





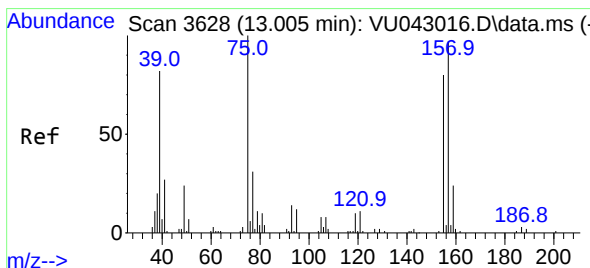
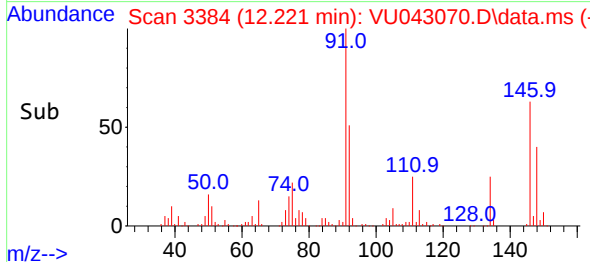
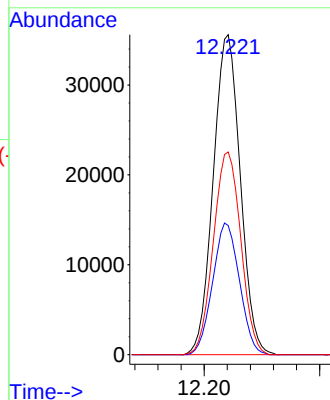
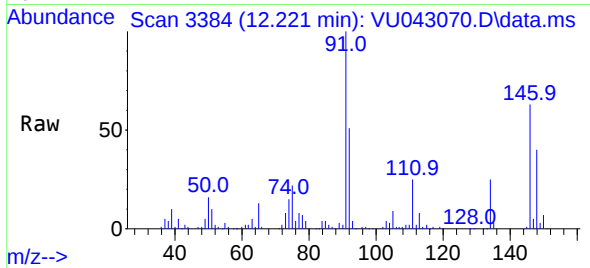
#91
1,2-Dichlorobenzene
Concen: 17.63 ug/l
RT: 12.221 min Scan# 3384
Delta R.T. -0.000 min
Lab File: VU043070.D
Acq: 13 Apr 2021 23:06

Tgt Ion: 146 Resp: 57930
Ion Ratio Lower Upper
146 100
111 40.8 20.8 62.4
148 64.3 31.9 95.7

Instrument :
MSVOA_U
ClientSampleId :
VU0413WBSD02

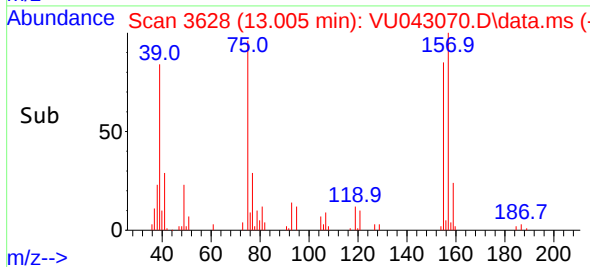
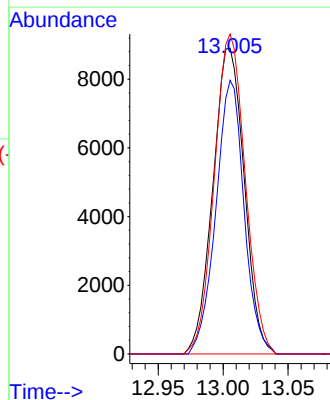
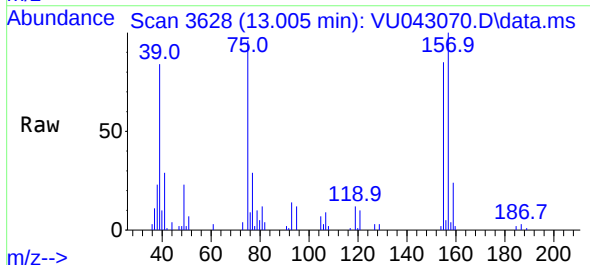
Manual Integrations
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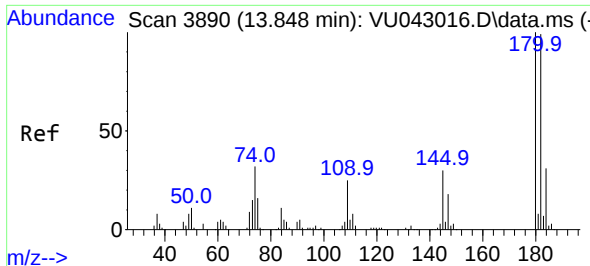
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#92
1,2-Dibromo-3-Chloropropane
Concen: 19.01 ug/l
RT: 13.005 min Scan# 3628
Delta R.T. 0.000 min
Lab File: VU043070.D
Acq: 13 Apr 2021 23:06

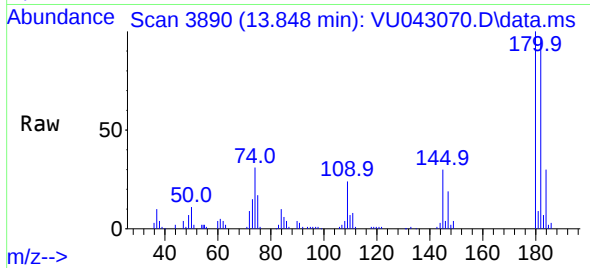
Tgt Ion: 75 Resp: 14922
Ion Ratio Lower Upper
75 100
155 80.5 41.7 125.1
157 103.0 53.9 161.7





#93
1,2,4-Trichlorobenzene
Concen: 19.64 ug/l
RT: 13.848 min Scan# 3890
Delta R.T. -0.000 min
Lab File: VU043070.D
Acq: 13 Apr 2021 23:06

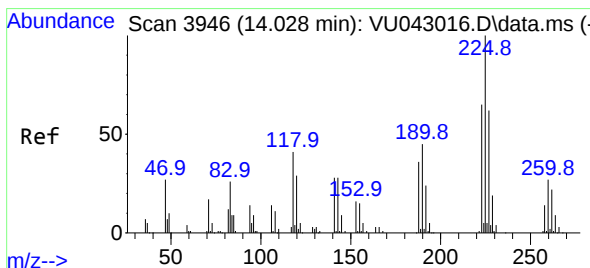
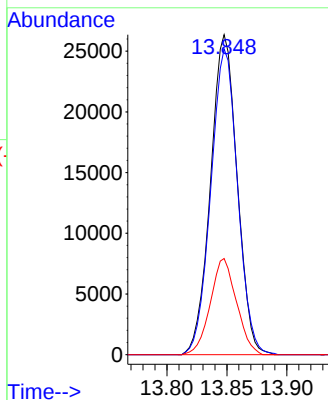
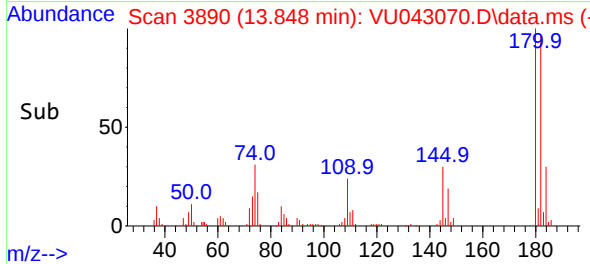
Instrument :
MSVOA_U
ClientSampleId :
VU0413WBSD02



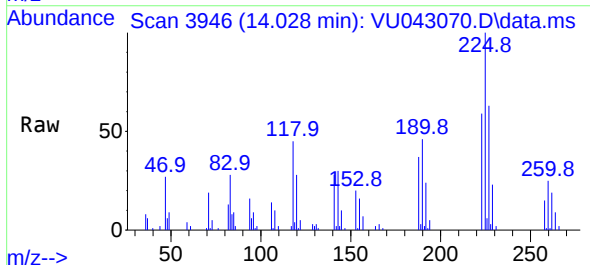
Tgt Ion:180 Resp: 40611
Ion Ratio Lower Upper
180 100
182 96.1 46.9 140.8
145 29.6 14.4 43.4

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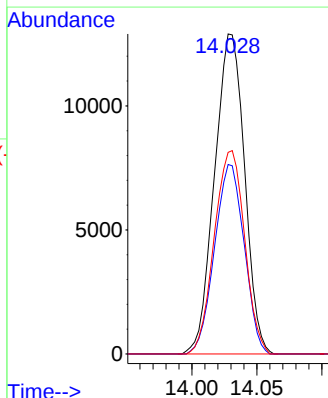
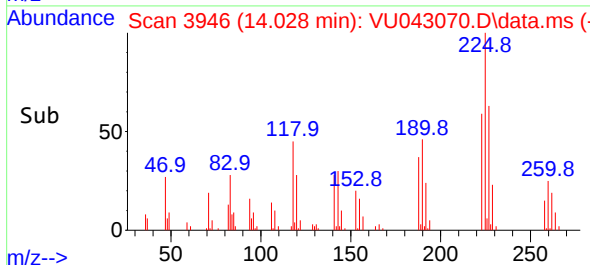
MMDadoda
4/14/2021 9:54:51 AM

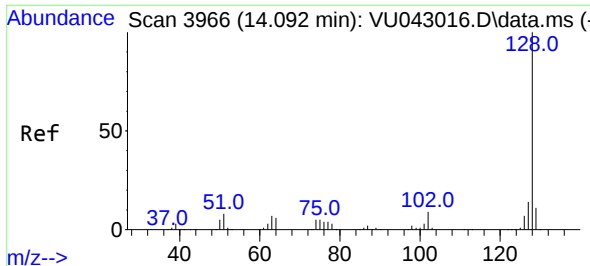


#94
Hexachlorobutadiene
Concen: 18.71 ug/l
RT: 14.028 min Scan# 3946
Delta R.T. -0.000 min
Lab File: VU043070.D
Acq: 13 Apr 2021 23:06

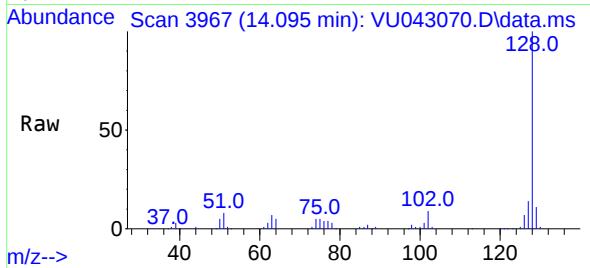


Tgt Ion:225 Resp: 20713
Ion Ratio Lower Upper
225 100
223 58.4 32.3 96.9
227 64.2 31.8 95.4

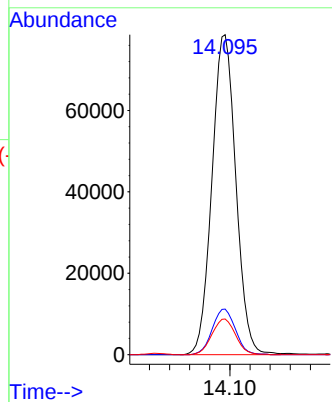
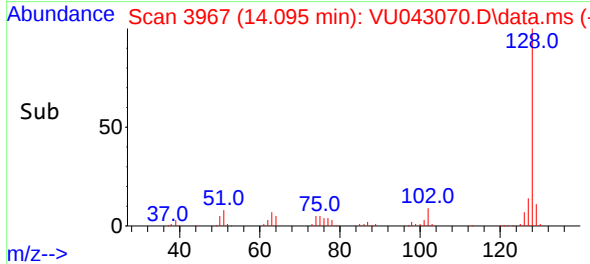




#95
Naphthalene
Concen: 20.60 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. 0.003 min
Lab File: VU043070.D
Acq: 13 Apr 2021 23:06



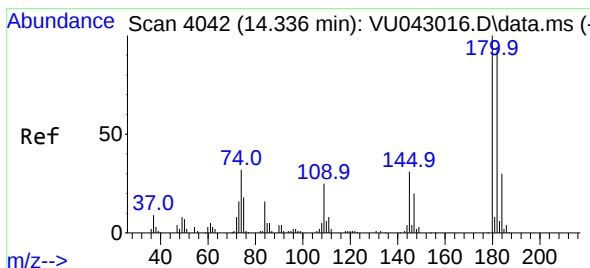
Tgt Ion:128 Resp: 129701
Ion Ratio Lower Upper
128 100
127 13.8 10.8 16.2
129 11.1 8.6 13.0



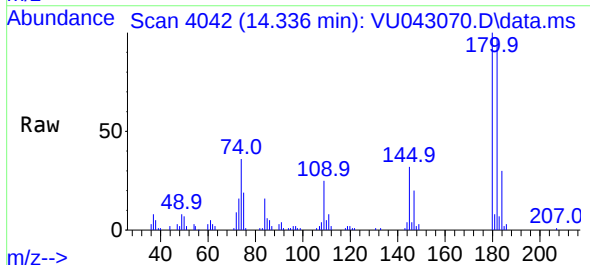
Instrument :
MSVOA_U
ClientSampleId :
VU0413WBSD02

Manual Integrations
APPROVED

MMDadoda
4/14/2021 9:54:51 AM



#96
1,2,3-Trichlorobenzene
Concen: 20.30 ug/l
RT: 14.336 min Scan# 4042
Delta R.T. 0.000 min
Lab File: VU043070.D
Acq: 13 Apr 2021 23:06



Tgt Ion:180 Resp: 40877
Ion Ratio Lower Upper
180 100
182 94.1 48.0 144.0
145 31.4 15.5 46.5

