

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102021\
 Data File : VU045343.D
 Acq On : 20 Oct 2021 13:54
 Operator : SY/MD
 Sample : MDL03
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL03

Manual Integrations
 APPROVED

MMDadoda
 10/22/2021 5:38:09 PM

Quant Time: Oct 21 02:14:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 21 01:57:14 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	309810	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	313243	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	144969	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	53821	39.879	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	79.760%		
7) Chloroethane-d5	1.871	69	21127	16.381	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery =	32.760%#		
11) 1,1-Dichloroethene-d2	2.549	63	71947	26.773	ug/L	-0.02
Spiked Amount 50.000	Range 60 - 125		Recovery =	53.540%#		
21) 2-Butanone-d5	4.633	46	203410	100.972	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	100.970%		
24) Chloroform-d	5.063	84	161154	44.898	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.800%		
26) 1,2-Dichloroethane-d4	5.703	65	116186	47.356	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.720%		
32) Benzene-d6	5.726	84	274125	46.527	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.060%		
36) 1,2-Dichloropropane-d6	6.694	67	109821	47.952	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	95.900%		
41) Toluene-d8	7.899	98	223417	44.458	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	88.920%		
43) trans-1,3-Dichloroprop...	8.185	79	55173	47.460	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	94.920%		
47) 2-Hexanone-d5	8.642	63	164332	114.358	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	114.360%		
56) 1,1,2,2-Tetrachloroeth...	10.764	84	237621	54.882	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	109.760%		
66) 1,2-Dichlorobenzene-d4	12.198	152	132058	52.503	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	105.000%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.382	85	4680	2.072	ug/L	94
3) Chloromethane	1.517	50	6452	2.524	ug/L	99
5) Vinyl chloride	1.604	62	5569	1.970	ug/L #	39
6) Bromomethane	1.822	94	1780	1.190	ug/L	96
9) Trichlorofluoromethane	2.102	101	6383	1.856	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	5018	2.296	ug/L	87
12) 1,1-Dichloroethene	2.562	96	4376	2.172	ug/L #	1
13) Acetone	2.639	43	8145	3.473	ug/L	99
14) Carbon disulfide	2.774	76	10958	1.979	ug/L	97
15) Methyl Acetate	2.957	43	6648	2.286	ug/L	90
16) Methylene chloride	3.041	84	7579	2.921	ug/L	97
17) trans-1,2-Dichloroethene	3.346	96	4604	2.130	ug/L	90
18) Methyl tert-butyl Ether	3.372	73	15813	2.098	ug/L	99
19) 1,1-Dichloroethane	3.867	63	9626	2.176	ug/L	97
20) cis-1,2-Dichloroethene	4.665	96	5061	2.044	ug/L	95
22) 2-Butanone	4.726	43	11047m	4.271	ug/L	
23) Bromochloromethane	4.973	128	2464	2.021	ug/L #	91
25) Chloroform	5.089	83	14324	3.182	ug/L	98
27) 1,2-Dichloroethane	5.796	62	7945	2.209	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	5.385	56	7202	1.936	ug/L	99
30) 1,1,1-Trichloroethane	5.314	97	7203	1.949	ug/L	98
31) Carbon tetrachloride	5.523	117	5374	1.883	ug/L	99
33) Benzene	5.774	78	20464	2.098	ug/L	100
34) Trichloroethene	6.546	95	4667	1.941	ug/L	95
35) Methylcyclohexane	6.761	83	7394	1.958	ug/L	98
37) 1,2-Dichloropropane	6.793	63	5719	2.156	ug/L #	93
38) Bromodichloromethane	7.108	83	6628	1.932	ug/L	95
39) cis-1,3-Dichloropropene	7.610	75	8098	2.039	ug/L	96
40) 4-Methyl-2-pentanone	7.803	43	17722	4.381	ug/L	99
42) Toluene	7.970	91	23887	2.348	ug/L	100
44) trans-1,3-Dichloropropene	8.218	75	8783m	2.313	ug/L	
45) 1,1,2-Trichloroethane	8.407	97	6002	2.361	ug/L	95
46) Tetrachloroethene	8.555	164	3500	2.101	ug/L	85
48) 2-Hexanone	8.693	43	19639	5.751	ug/L	98
49) Dibromochloromethane	8.819	129	5331	2.153	ug/L	98
50) 1,2-Dibromoethane	8.931	107	5718	2.185	ug/L #	93
51) Chlorobenzene	9.452	112	14151	2.196	ug/L	99
52) Ethylbenzene	9.574	91	22221	2.013	ug/L	98
53) m,p-Xylene	9.700	106	8782	2.094	ug/L	85
54) o-xylene	10.105	106	8445	2.007	ug/L	97
55) Styrene	10.118	104	13382	1.879	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.790	83	11429	2.545	ug/L #	95
59) Bromoform	10.298	173	3854	2.425	ug/L #	98
60) 1,2,3-Trichloropropane	10.828	75	8927	2.682	ug/L	99
61) Isopropylbenzene	10.491	105	21133	2.135	ug/L	99
62) 1,3,5-Trimethylbenzene	11.092	105	16736	2.043	ug/L	99
63) 1,2,4-Trimethylbenzene	11.475	105	16846	2.032	ug/L	100
64) 1,3-Dichlorobenzene	11.751	146	9659	2.155	ug/L	93
65) 1,4-Dichlorobenzene	11.841	146	10135	2.229	ug/L	99
67) 1,2-Dichlorobenzene	12.217	146	10754	2.373	ug/L	99
68) 1,2-Dibromo-3-chloropr...	13.002	75	1878	2.026	ug/L	87
69) 1,3,5-Trichlorobenzene	13.224	180	6089	1.974	ug/L	98
70) 1,2,4-trichlorobenzene	13.848	180	4455	1.723	ug/L	99
71) Naphthalene	14.092	128	13937	1.613	ug/L	98
72) 1,2,3-Trichlorobenzene	14.333	180	4707	1.822	ug/L	99

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

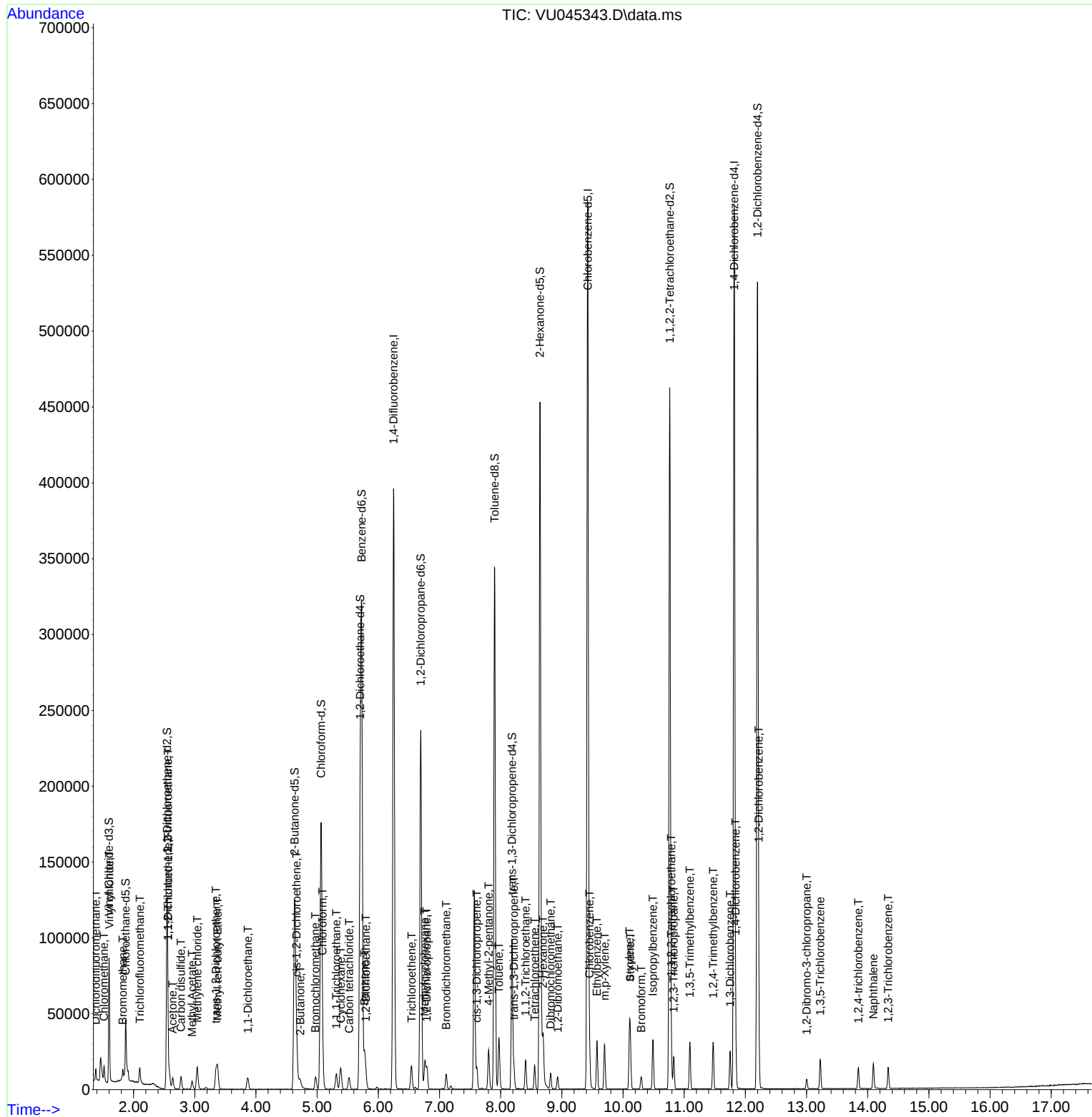
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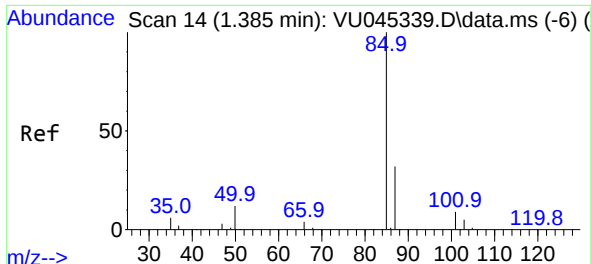
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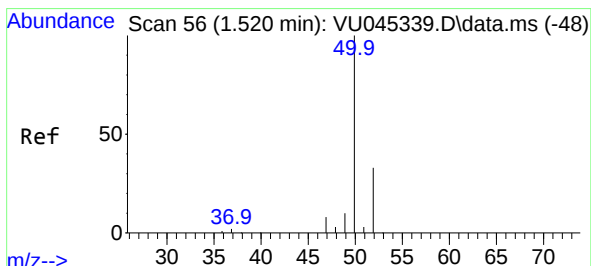
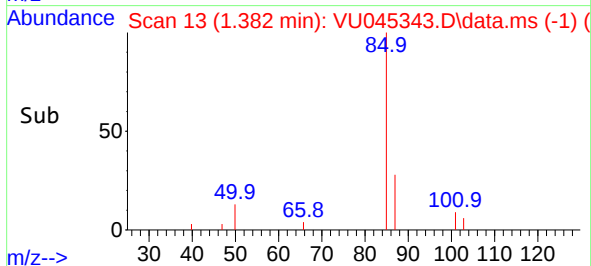
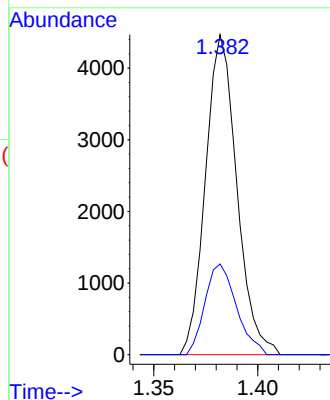
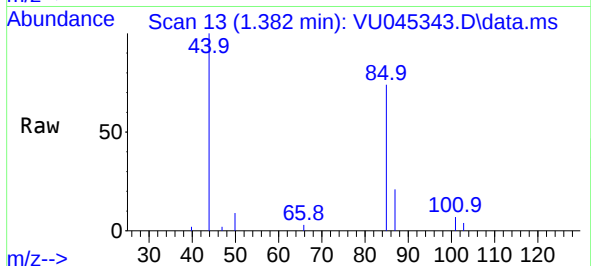
#2
Dichlorodifluoromethane
Concen: 2.072 ug/L
RT: 1.382 min Scan# 13
Delta R.T. -0.003 min
Lab File: VU045343.D
Acq: 20 Oct 2021 13:54

Tgt Ion: 85 Resp: 4680
Ion Ratio Lower Upper
85 100
87 28.5 25.3 37.9

Instrument :
MSVOA_U
ClientSampled :
MDL03

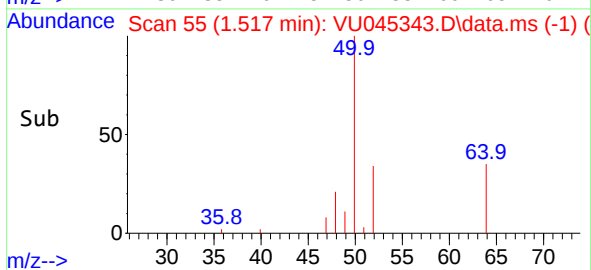
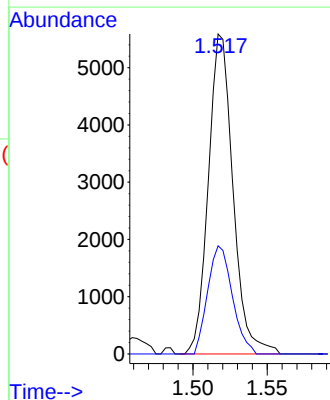
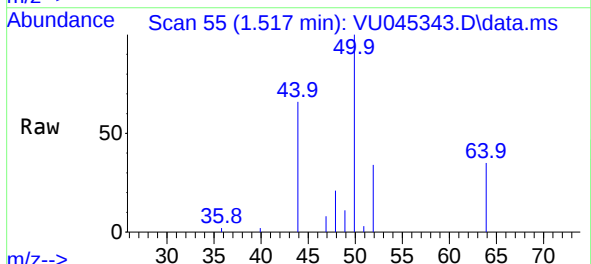
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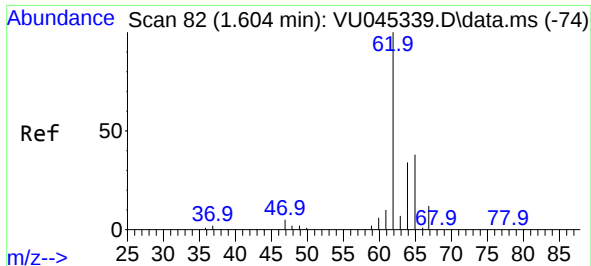
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#3
Chloromethane
Concen: 2.524 ug/L
RT: 1.517 min Scan# 55
Delta R.T. -0.003 min
Lab File: VU045343.D
Acq: 20 Oct 2021 13:54

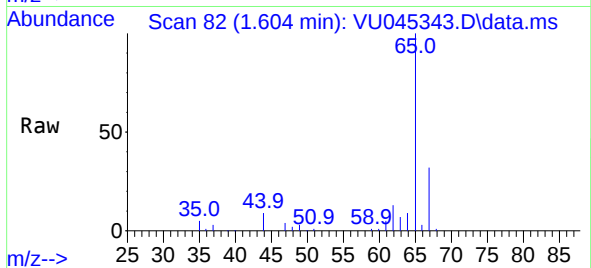
Tgt Ion: 50 Resp: 6452
Ion Ratio Lower Upper
50 100
52 33.8 23.2 43.0





#5
 Vinyl chloride
 Concen: 1.970 ug/L
 RT: 1.604 min Scan# 82
 Delta R.T. 0.000 min
 Lab File: VU045343.D
 Acq: 20 Oct 2021 13:54

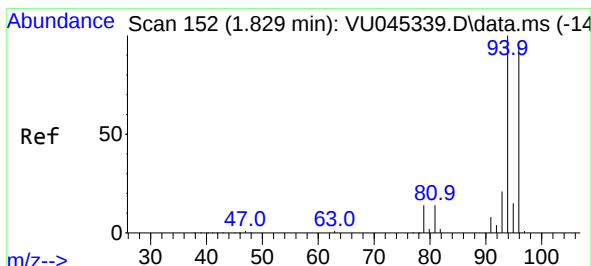
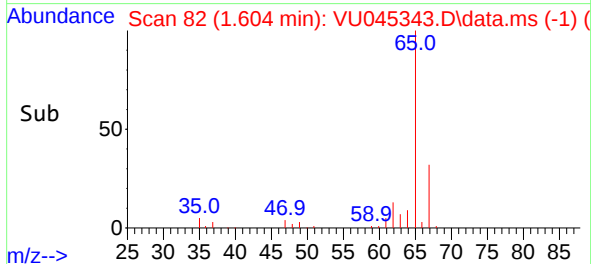
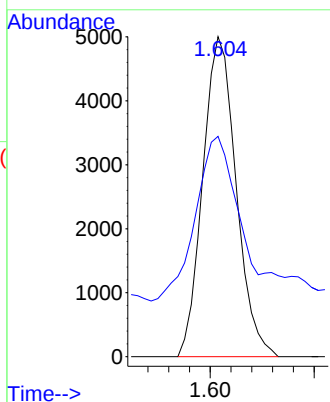
Instrument :
 MSVOA_U
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 MDL03



Tgt Ion: 62 Resp: 5569
 Ion Ratio Lower Upper
 62 100
 64 68.9 23.9 44.3#

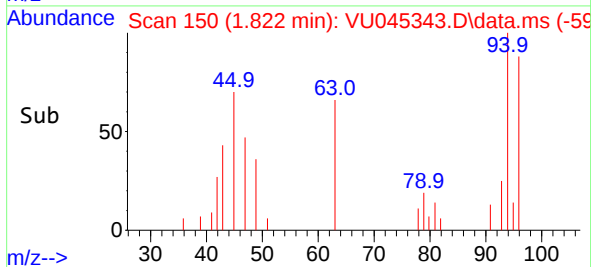
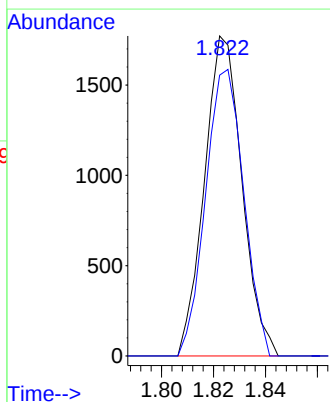
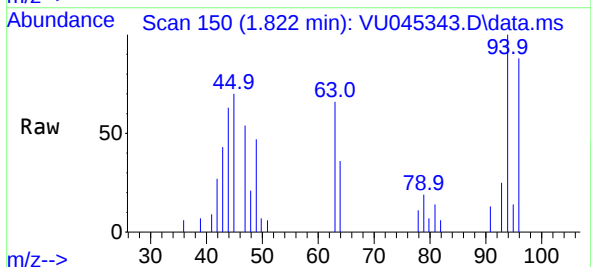
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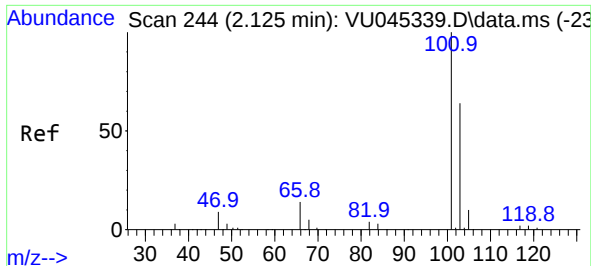
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#6
 Bromomethane
 Concen: 1.190 ug/L
 RT: 1.822 min Scan# 150
 Delta R.T. -0.006 min
 Lab File: VU045343.D
 Acq: 20 Oct 2021 13:54

Tgt Ion: 94 Resp: 1780
 Ion Ratio Lower Upper
 94 100
 96 87.8 64.1 119.1





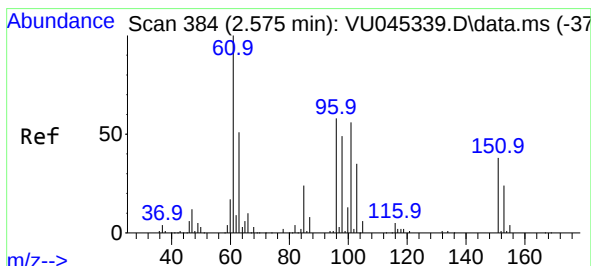
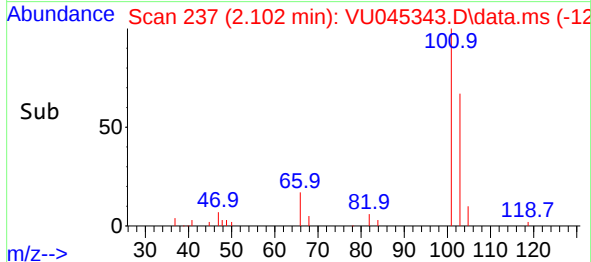
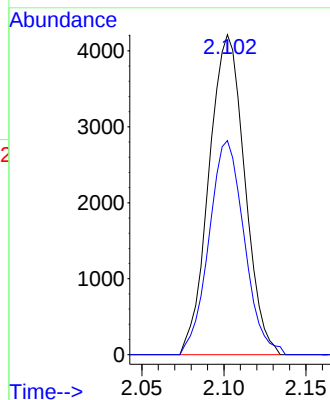
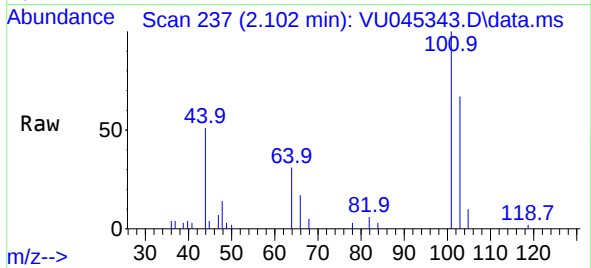
#9
Trichlorofluoromethane
Concen: 1.856 ug/L
RT: 2.102 min Scan# 237
Delta R.T. -0.023 min
Lab File: VU045343.D
Acq: 20 Oct 2021 13:54

Tgt Ion:101 Resp: 6383
Ion Ratio Lower Upper
101 100
103 66.0 50.8 76.2

Instrument :
MSVOA_U
ClientSampled :
MDL03

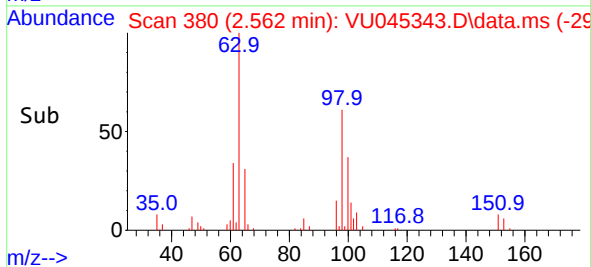
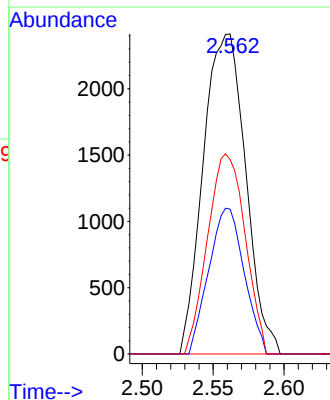
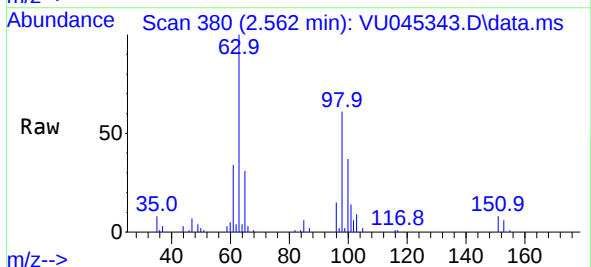
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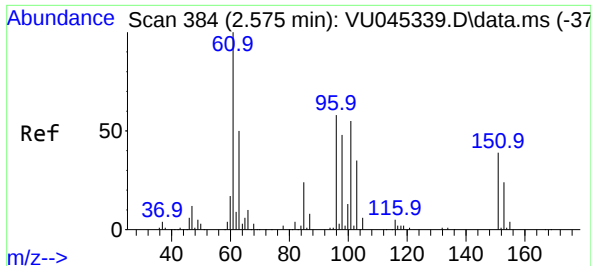
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#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.296 ug/L
RT: 2.562 min Scan# 380
Delta R.T. -0.013 min
Lab File: VU045343.D
Acq: 20 Oct 2021 13:54

Tgt Ion:101 Resp: 5018
Ion Ratio Lower Upper
101 100
85 38.0 35.2 52.8
151 55.6 53.9 80.9





#12

1,1-Dichloroethene

Concen: 2.172 ug/L

RT: 2.562 min Scan# 380

Delta R.T. -0.013 min

Lab File: VU045343.D

Acq: 20 Oct 2021 13:54

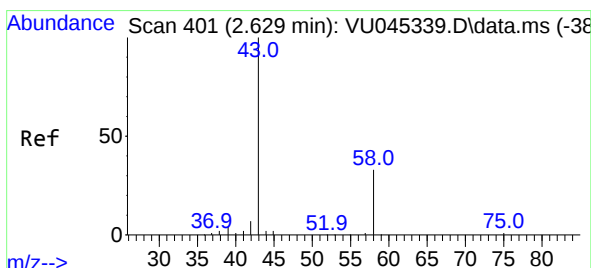
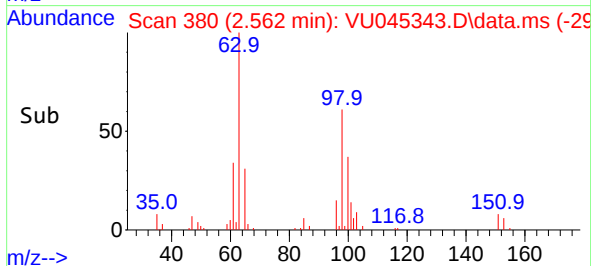
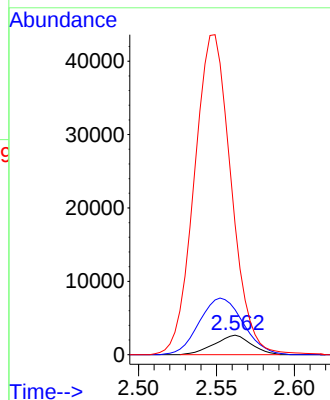
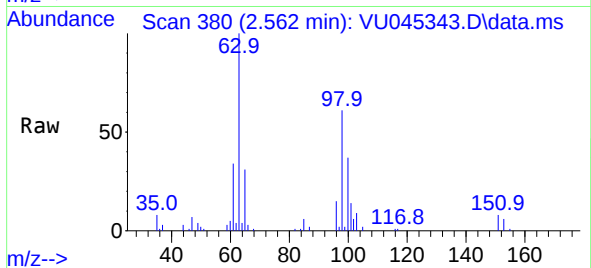
Tgt Ion: 96 Resp: 4376

Ion	Ratio	Lower	Upper
96	100		
61	231.1	122.9	228.3#
63	670.3	65.3	121.3#

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#13

Acetone

Concen: 3.473 ug/L

RT: 2.639 min Scan# 404

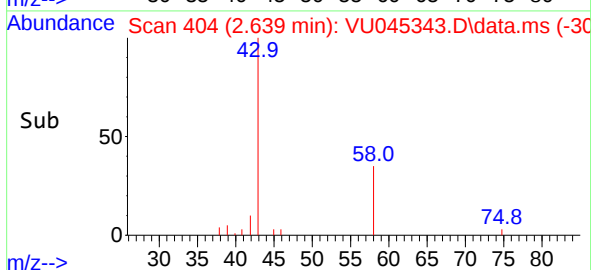
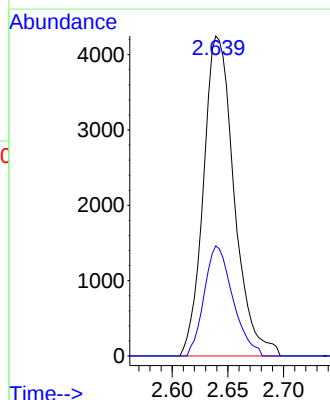
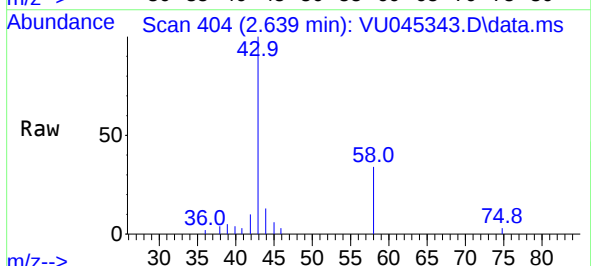
Delta R.T. 0.010 min

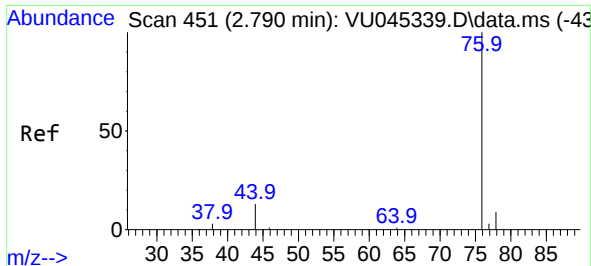
Lab File: VU045343.D

Acq: 20 Oct 2021 13:54

Tgt Ion: 43 Resp: 8145

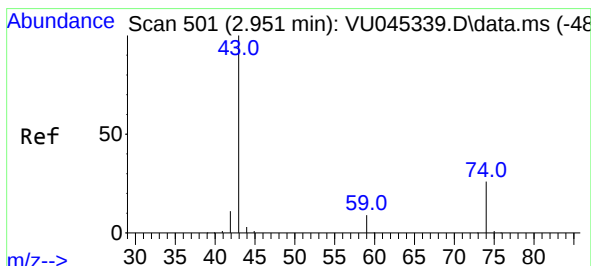
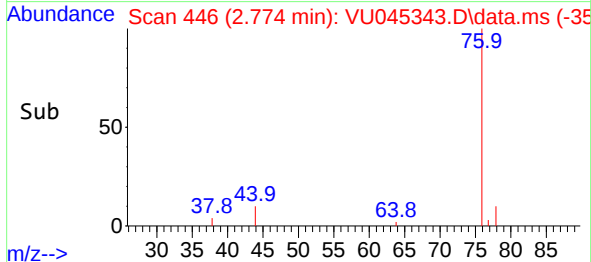
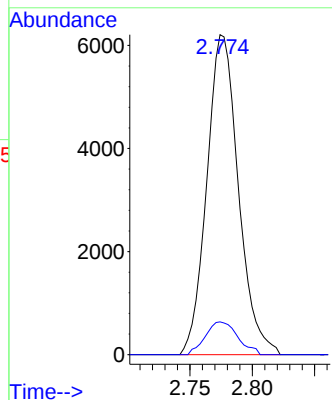
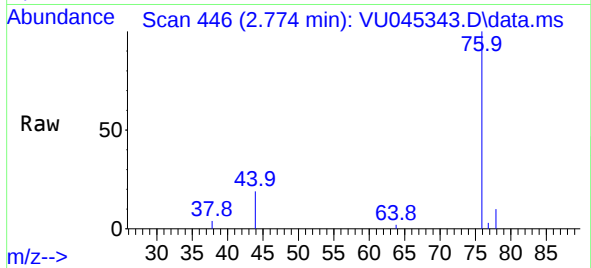
Ion	Ratio	Lower	Upper
43	100		
58	32.1	0.0	64.8





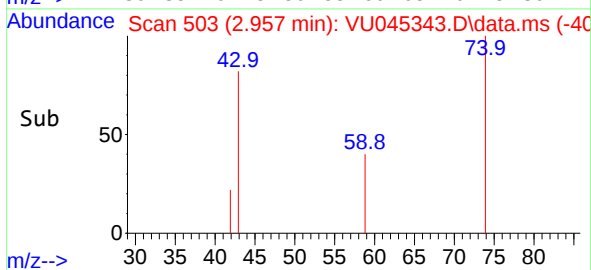
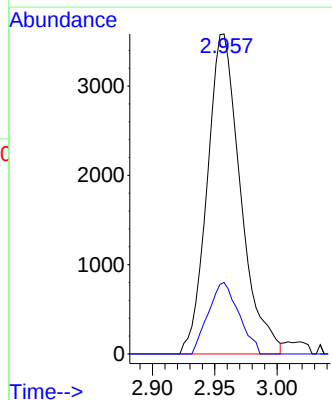
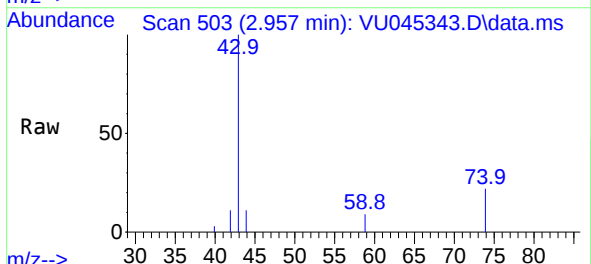
#14
Carbon disulfide
Concen: 1.979 ug/L
RT: 2.774 min Scan# 446
Delta R.T. -0.016 min
Lab File: VU045343.D
Acq: 20 Oct 2021 13:54

Tgt Ion: 76 Resp: 10958
Ion Ratio Lower Upper
76 100
78 10.3 7.4 11.0



#15
Methyl Acetate
Concen: 2.286 ug/L
RT: 2.957 min Scan# 503
Delta R.T. 0.006 min
Lab File: VU045343.D
Acq: 20 Oct 2021 13:54

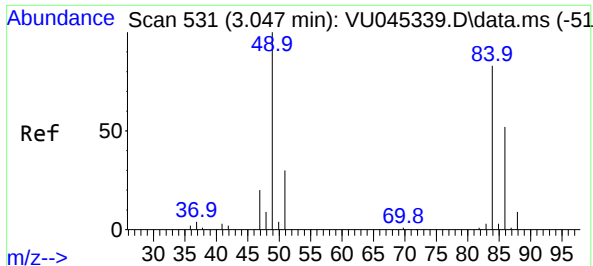
Tgt Ion: 43 Resp: 6648
Ion Ratio Lower Upper
43 100
74 20.5 20.5 30.7



Instrument :
MSVOA_U
ClientSampled :
MDL03

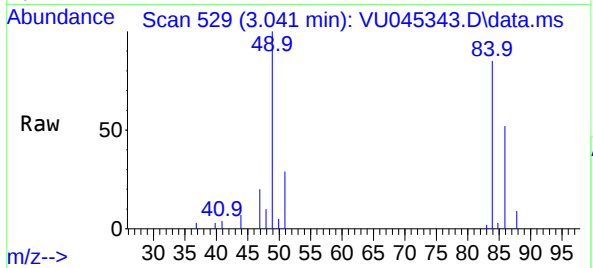
Manual Integrations
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#16
Methylene chloride
Concen: 2.921 ug/L
RT: 3.041 min Scan# 529
Delta R.T. -0.006 min
Lab File: VU045343.D
Acq: 20 Oct 2021 13:54

Instrument :
MSVOA_U
ClientSampled :
MDL03

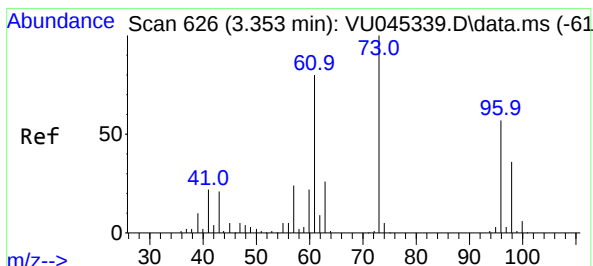
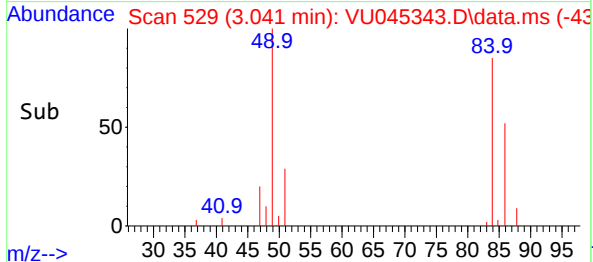
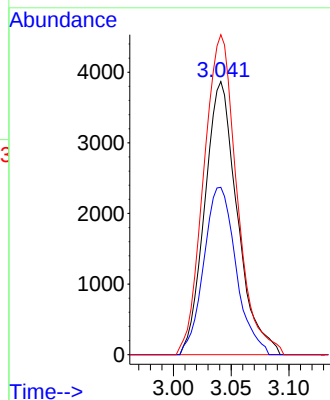


Tgt Ion: 84 Resp: 7579

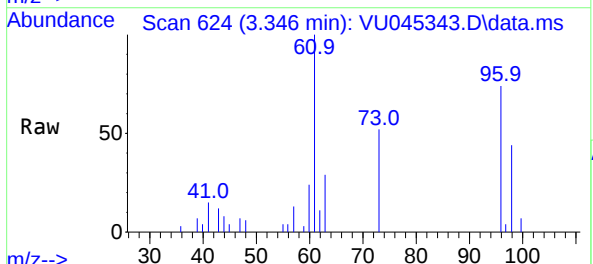
Ion	Ratio	Lower	Upper
84	100		
86	61.3	44.1	81.9
49	117.2	84.2	156.4

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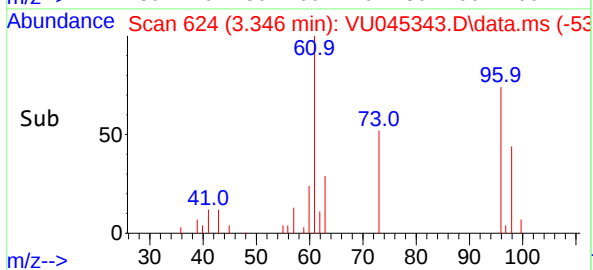
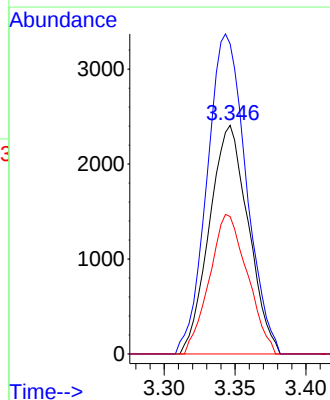


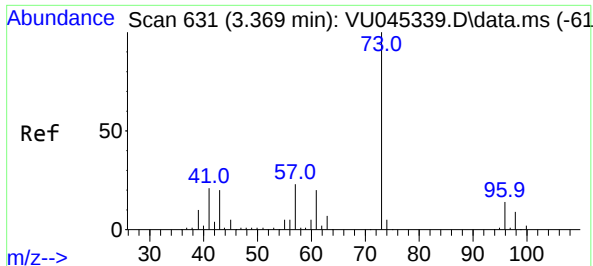
#17
trans-1,2-Dichloroethene
Concen: 2.130 ug/L
RT: 3.346 min Scan# 624
Delta R.T. -0.006 min
Lab File: VU045343.D
Acq: 20 Oct 2021 13:54



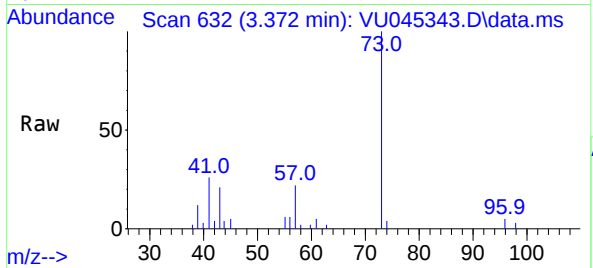
Tgt Ion: 96 Resp: 4604

Ion	Ratio	Lower	Upper
96	100		
61	135.6	104.7	194.4
98	60.1	45.8	85.2



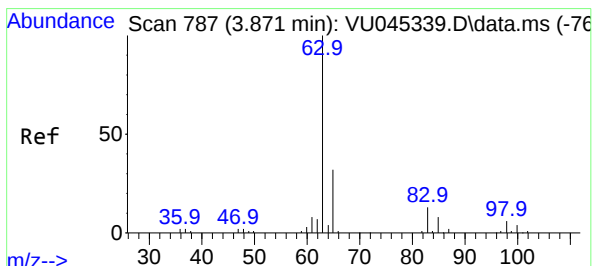
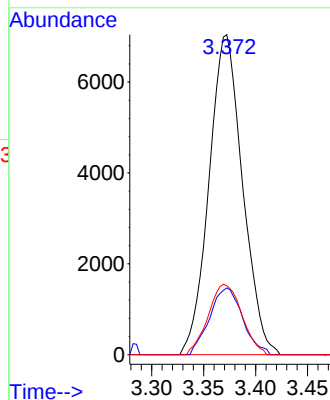
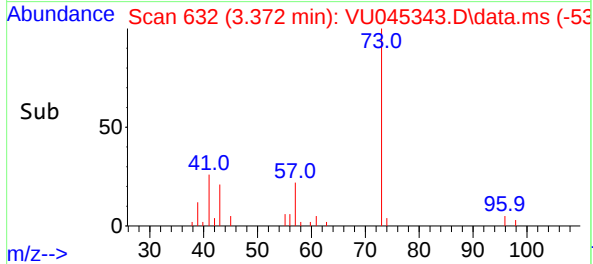


#18
Methyl tert-butyl Ether
Concen: 2.098 ug/L
RT: 3.372 min Scan# 632
Delta R.T. 0.003 min
Lab File: VU045343.D
Acq: 20 Oct 2021 13:54

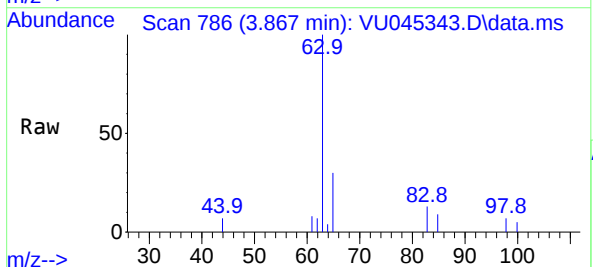


Tgt Ion: 73 Resp: 15813

Ion	Ratio	Lower	Upper
73	100		
43	20.6	16.2	24.4
57	22.0	17.9	26.9

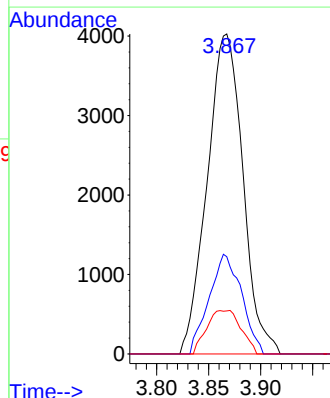
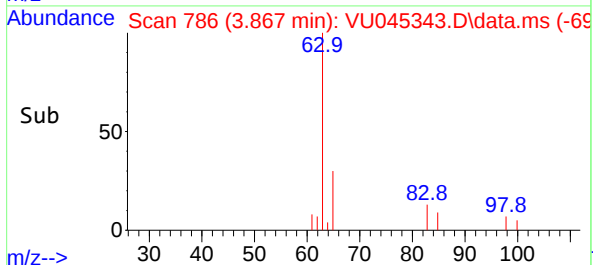


#19
1,1-Dichloroethane
Concen: 2.176 ug/L
RT: 3.867 min Scan# 786
Delta R.T. -0.003 min
Lab File: VU045343.D
Acq: 20 Oct 2021 13:54



Tgt Ion: 63 Resp: 9626

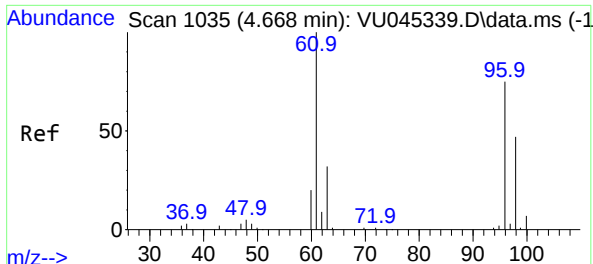
Ion	Ratio	Lower	Upper
63	100		
65	30.4	22.5	41.9
83	13.4	8.9	16.5



Instrument :
MSVOA_U
ClientSampled :
MDL03

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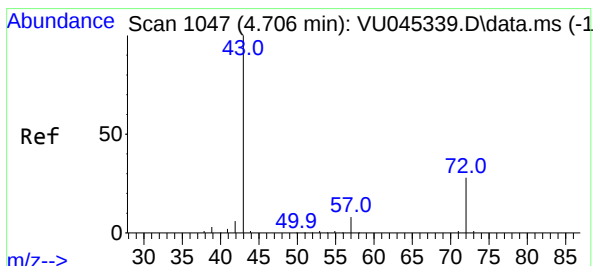
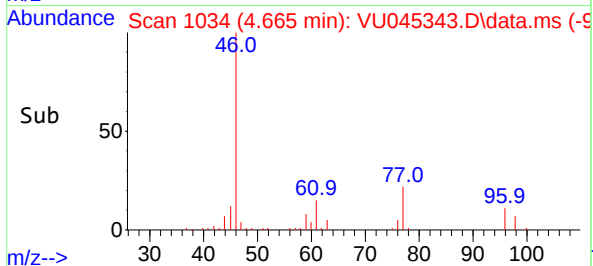
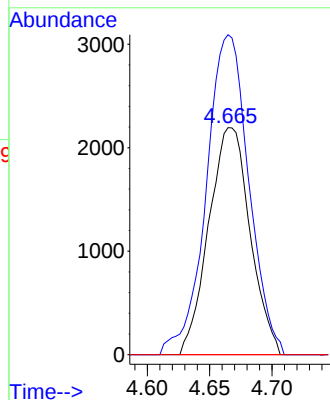
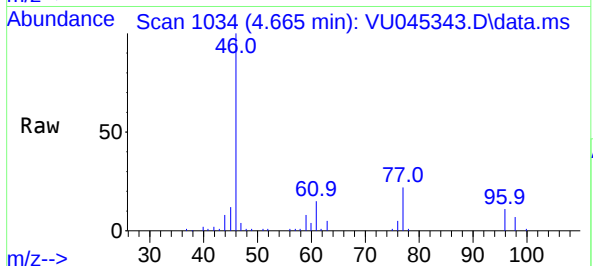
#20
cis-1,2-Dichloroethene
Concen: 2.044 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. -0.003 min
Lab File: VU045343.D
Acq: 20 Oct 2021 13:54

Tgt Ion: 96 Resp: 5061
Ion Ratio Lower Upper
96 100
61 141.0 94.2 175.0
68 0.0 0.0 0.0

Instrument :
MSVOA_U
ClientSampleId :
MDL03

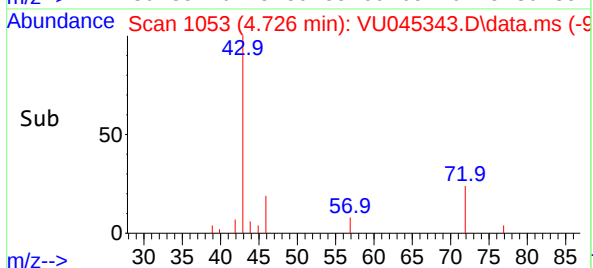
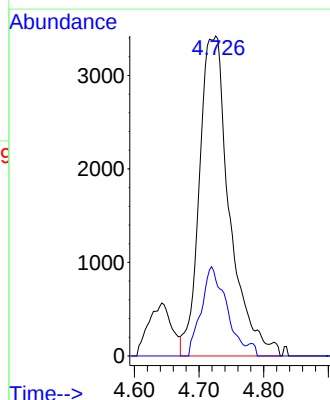
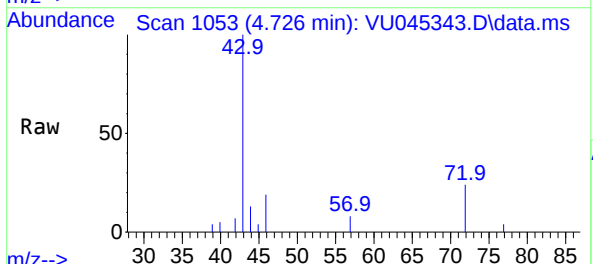
Manual Integrations
APPROVED

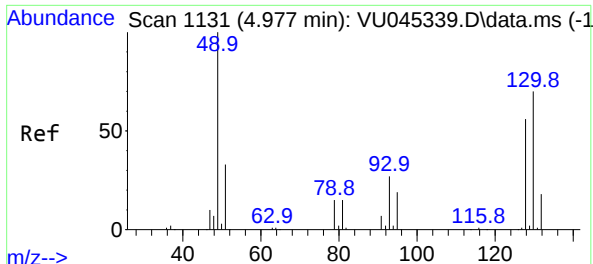
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#22
2-Butanone
Concen: 4.271 ug/L m
RT: 4.726 min Scan# 1053
Delta R.T. 0.019 min
Lab File: VU045343.D
Acq: 20 Oct 2021 13:54

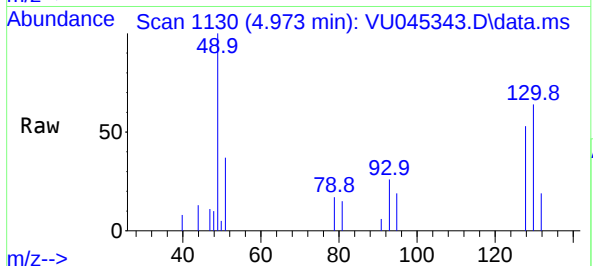
Tgt Ion: 43 Resp: 11047
Ion Ratio Lower Upper
43 100
72 23.1 14.1 42.2





#23
Bromochloromethane
Concen: 2.021 ug/L
RT: 4.973 min Scan# 1130
Delta R.T. -0.003 min
Lab File: VU045343.D
Acq: 20 Oct 2021 13:54

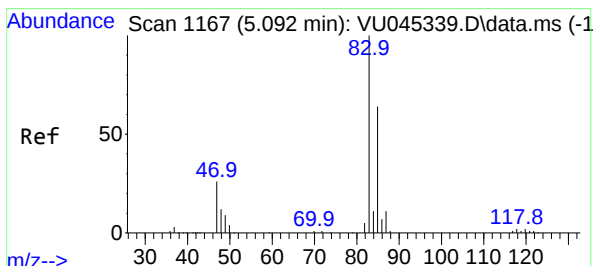
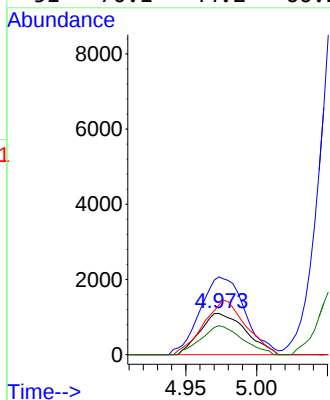
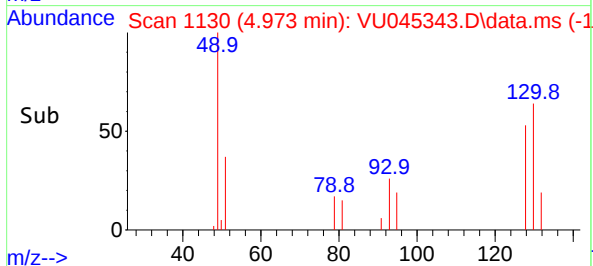
Instrument :
MSVOA_U
ClientSampled :
MDL03



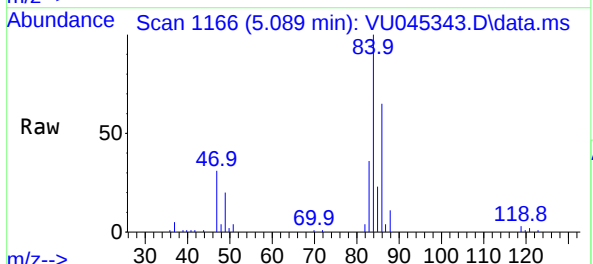
Tgt Ion:128 Resp: 2464
Ion Ratio Lower Upper
128 100
49 188.2 123.8 229.8
130 120.7 89.8 166.8
51 70.1 44.2 66.2#

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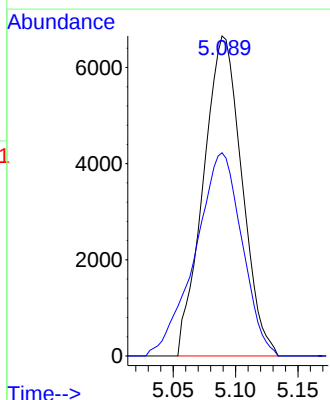
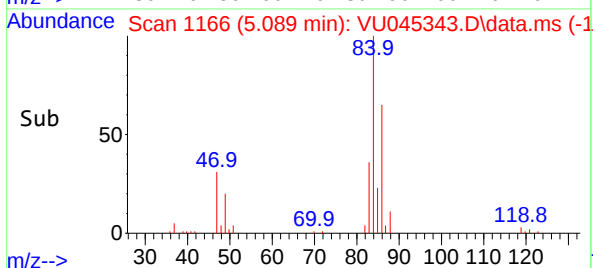
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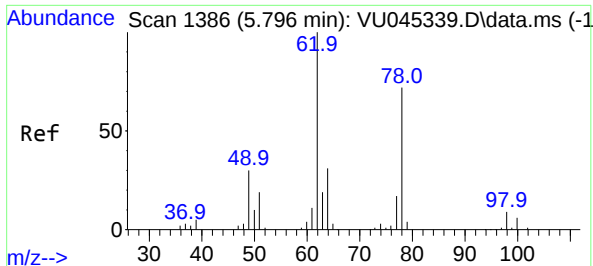


#25
Chloroform
Concen: 3.182 ug/L
RT: 5.089 min Scan# 1166
Delta R.T. -0.003 min
Lab File: VU045343.D
Acq: 20 Oct 2021 13:54



Tgt Ion: 83 Resp: 14324
Ion Ratio Lower Upper
83 100
85 63.5 45.4 84.2





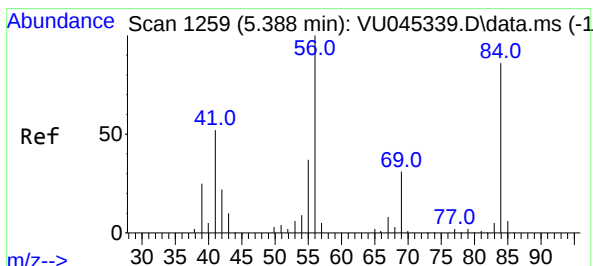
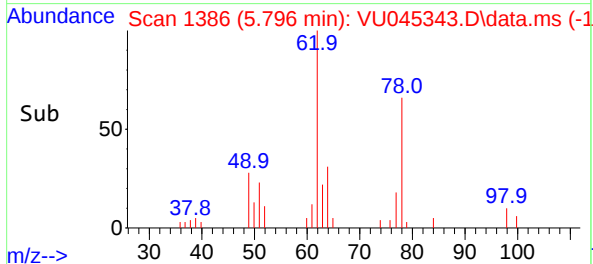
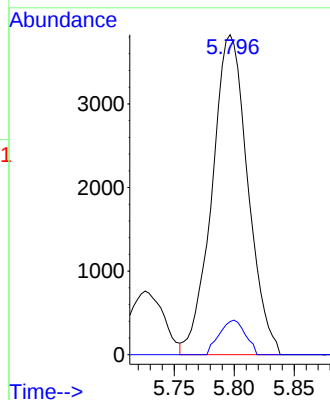
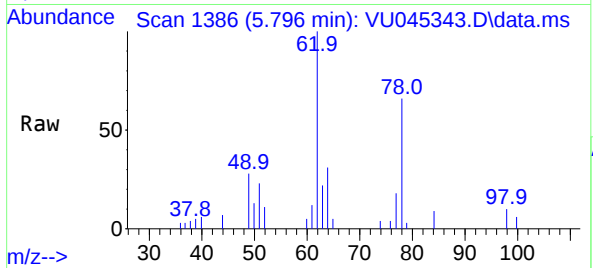
#27
1,2-Dichloroethane
Concen: 2.209 ug/L
RT: 5.796 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VU045343.D
Acq: 20 Oct 2021 13:54

Tgt Ion: 62 Resp: 7945
Ion Ratio Lower Upper
62 100
98 10.3 7.4 11.2

Instrument :
MSVOA_U
ClientSampled :
MDL03

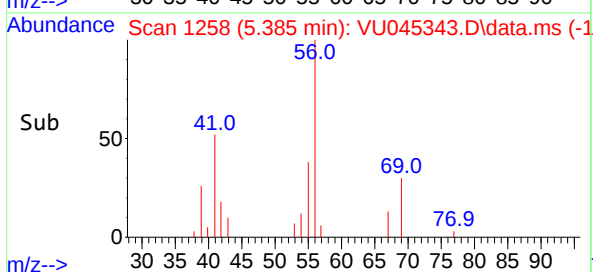
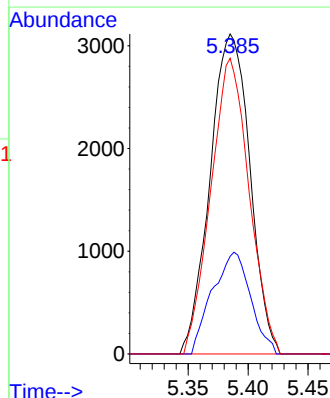
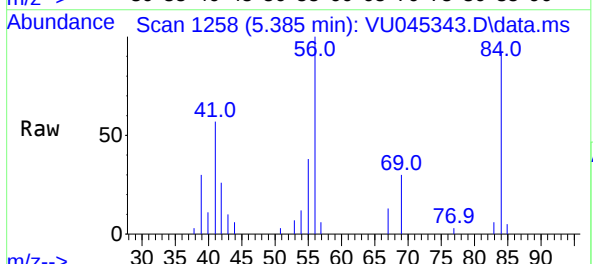
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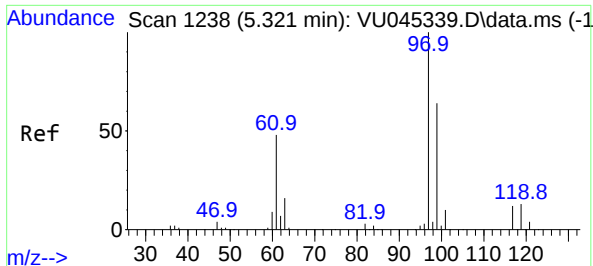
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#29
Cyclohexane
Concen: 1.936 ug/L
RT: 5.385 min Scan# 1258
Delta R.T. -0.003 min
Lab File: VU045343.D
Acq: 20 Oct 2021 13:54

Tgt Ion: 56 Resp: 7202
Ion Ratio Lower Upper
56 100
69 30.5 24.8 37.2
84 88.6 70.3 105.5





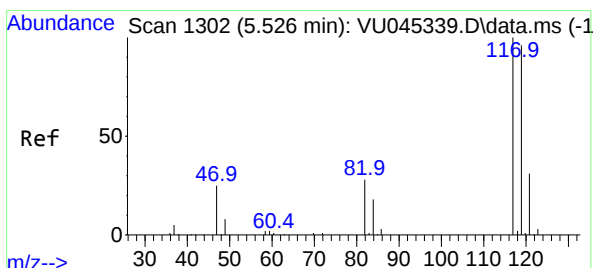
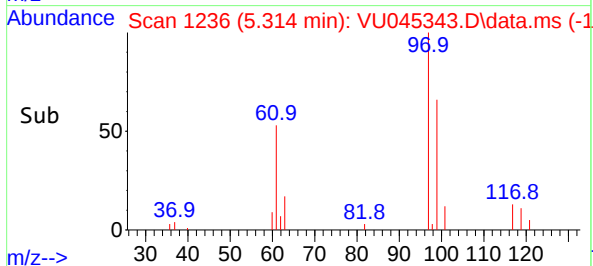
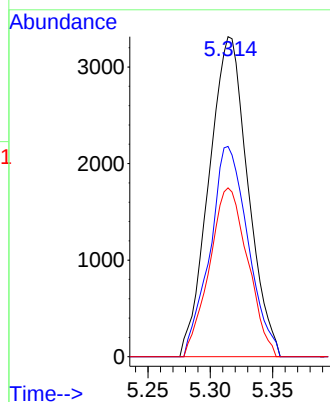
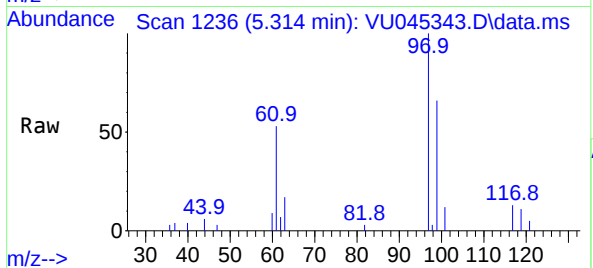
#30
1,1,1-Trichloroethane
Concen: 1.949 ug/L
RT: 5.314 min Scan# 1236
Delta R.T. -0.006 min
Lab File: VU045343.D
Acq: 20 Oct 2021 13:54

Tgt Ion:	97	Resp:	7203
Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.5	77.3
61	51.9	39.2	58.8

Instrument :
MSVOA_U
ClientSampled :
MDL03

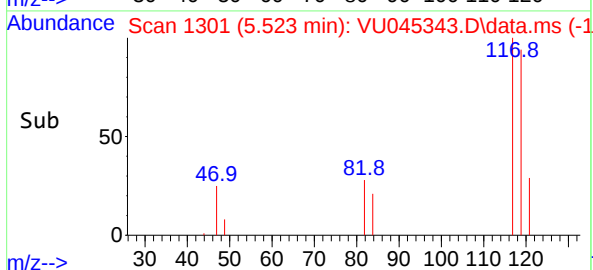
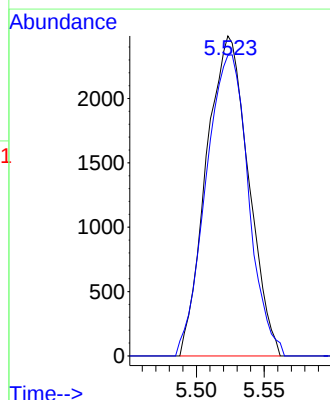
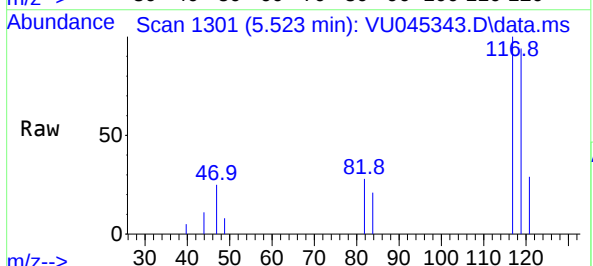
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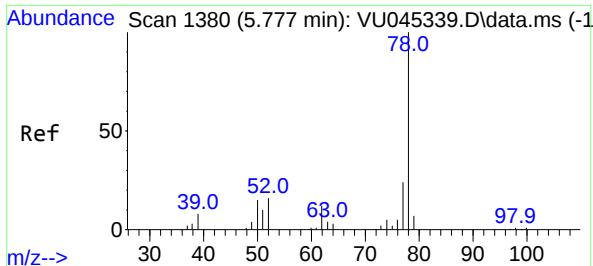
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#31
Carbon tetrachloride
Concen: 1.883 ug/L
RT: 5.523 min Scan# 1301
Delta R.T. -0.003 min
Lab File: VU045343.D
Acq: 20 Oct 2021 13:54

Tgt Ion:	117	Resp:	5374
Ion	Ratio	Lower	Upper
117	100		
119	94.7	76.7	115.1





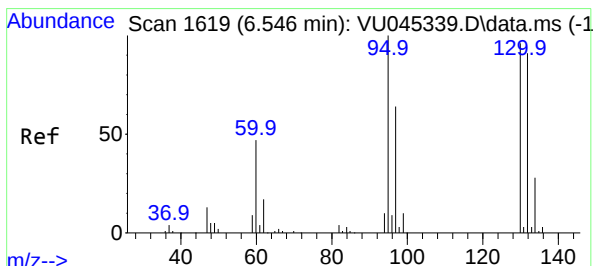
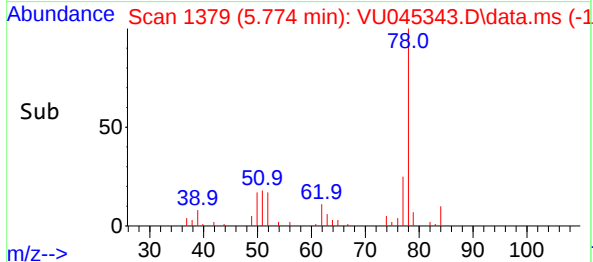
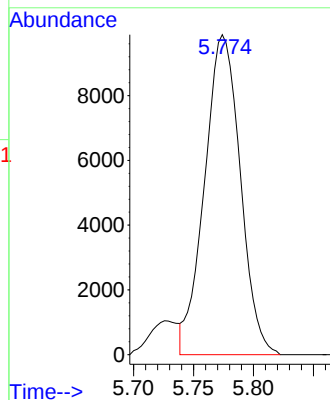
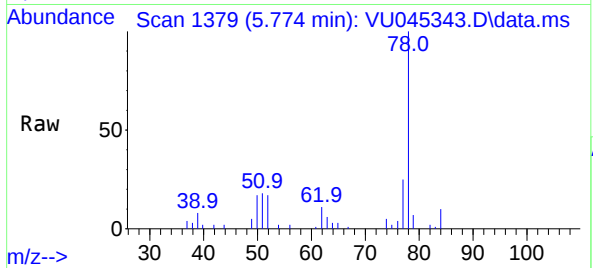
#33
Benzene
Concen: 2.098 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. -0.003 min
Lab File: VU045343.D
Acq: 20 Oct 2021 13:54

Tgt Ion: 78 Resp: 20464

Instrument :
MSVOA_U
ClientSampled :
MDL03

Manual Integrations
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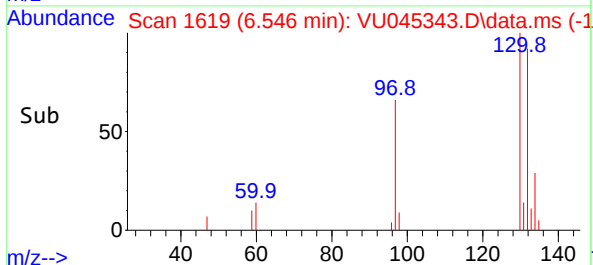
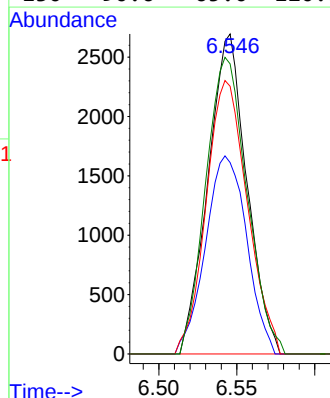
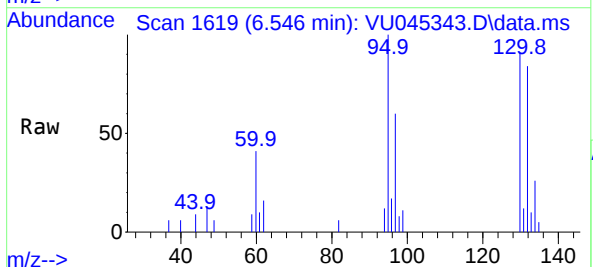
MMDadoda
10/22/2021 5:38:09 PM

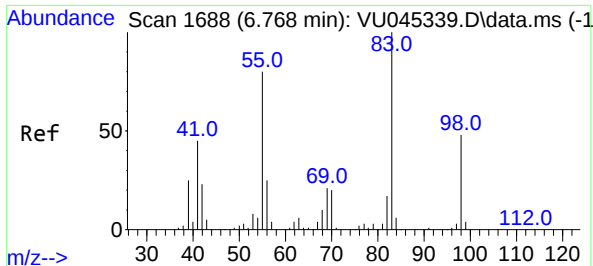


#34
Trichloroethene
Concen: 1.941 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU045343.D
Acq: 20 Oct 2021 13:54

Tgt Ion: 95 Resp: 4667

Ion	Ratio	Lower	Upper
95	100		
97	59.8	44.9	83.3
132	83.6	63.0	117.0
130	90.6	65.0	120.8





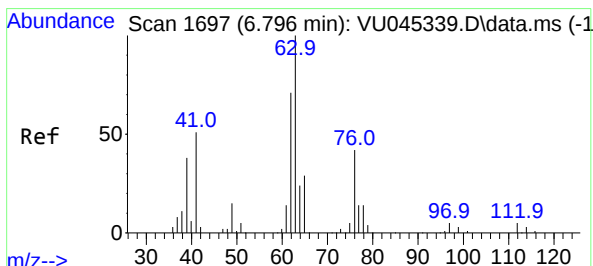
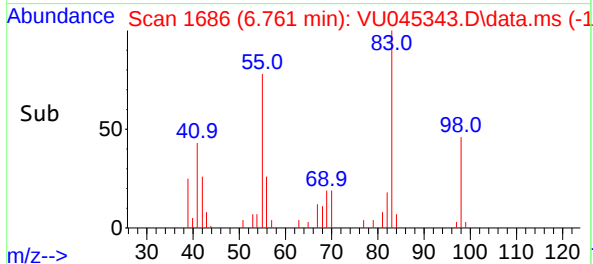
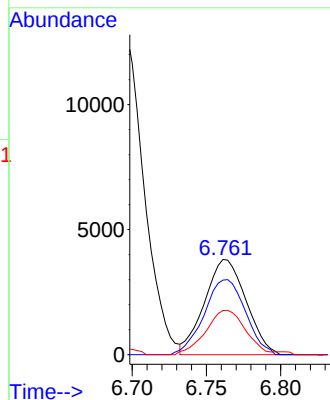
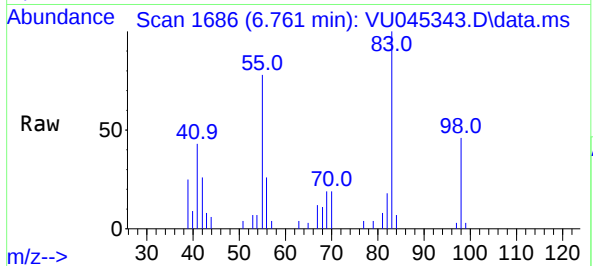
#35
Methylcyclohexane
Concen: 1.958 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. -0.006 min
Lab File: VU045343.D
Acq: 20 Oct 2021 13:54

Instrument :
MSVOA_U
ClientSampled :
MDL03

Tgt Ion: 83 Resp: 7394
Ion Ratio Lower Upper
83 100
55 78.4 63.4 95.0
98 44.5 37.9 56.9

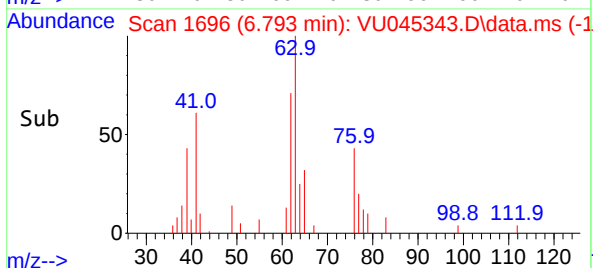
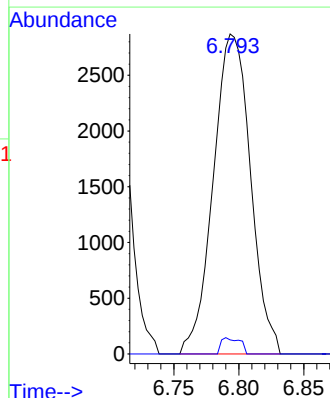
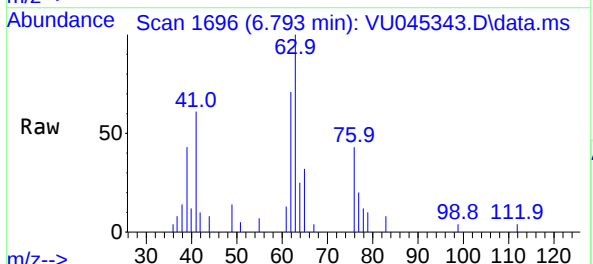
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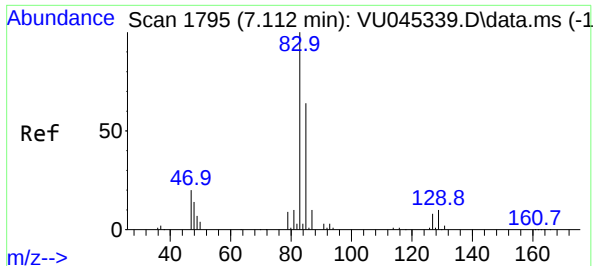
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#37
1,2-Dichloropropane
Concen: 2.156 ug/L
RT: 6.793 min Scan# 1696
Delta R.T. -0.003 min
Lab File: VU045343.D
Acq: 20 Oct 2021 13:54

Tgt Ion: 63 Resp: 5719
Ion Ratio Lower Upper
63 100
112 1.7 3.3 4.9#





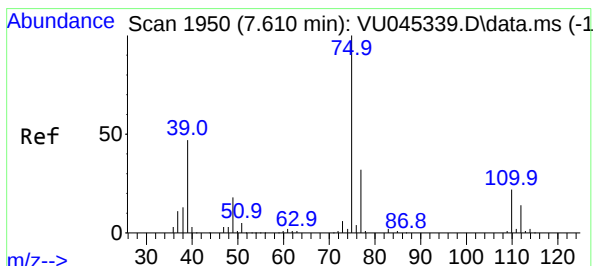
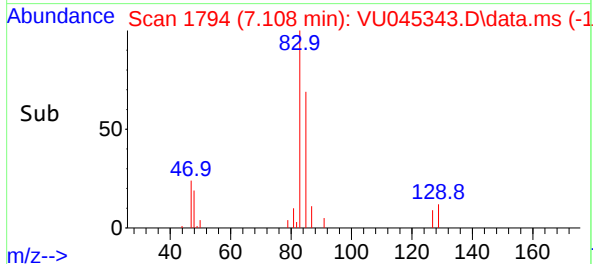
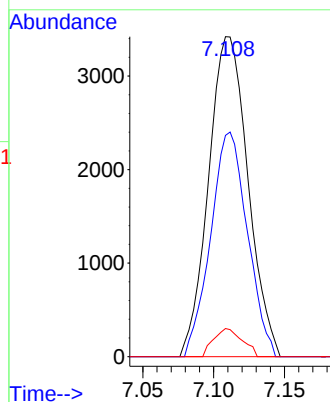
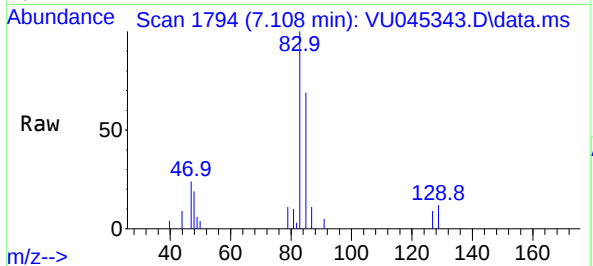
#38
Bromodichloromethane
Concen: 1.932 ug/L
RT: 7.108 min Scan# 1794
Delta R.T. -0.003 min
Lab File: VU045343.D
Acq: 20 Oct 2021 13:54

Tgt Ion:	83	Resp:	6628
Ion	Ratio	Lower	Upper
83	100		
85	69.2	45.5	84.5
127	8.8	6.3	9.5

Instrument :
MSVOA_U
ClientSampleId :
MDL03

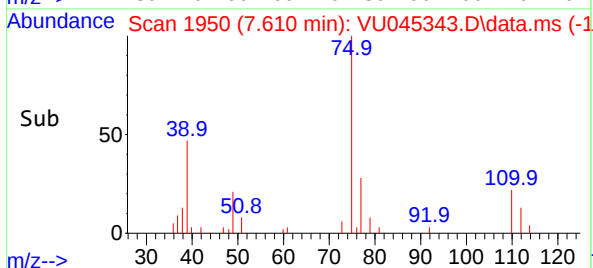
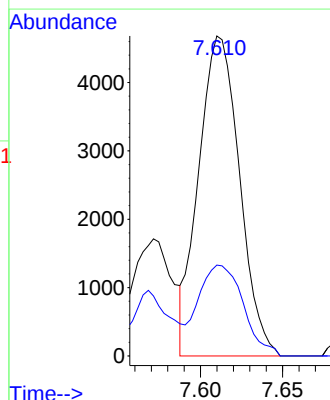
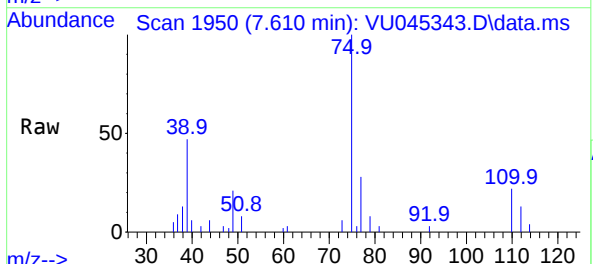
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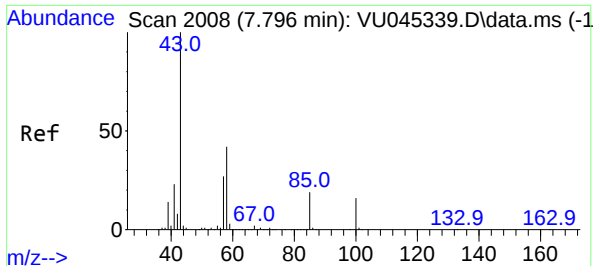
MMDadoda
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#39
cis-1,3-Dichloropropene
Concen: 2.039 ug/L
RT: 7.610 min Scan# 1950
Delta R.T. -0.000 min
Lab File: VU045343.D
Acq: 20 Oct 2021 13:54

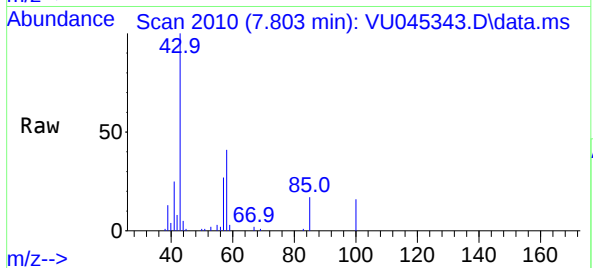
Tgt Ion:	75	Resp:	8098
Ion	Ratio	Lower	Upper
75	100		
77	28.4	21.6	40.0





#40
4-Methyl-2-pentanone
Concen: 4.381 ug/L
RT: 7.803 min Scan# 2010
Delta R.T. 0.006 min
Lab File: VU045343.D
Acq: 20 Oct 2021 13:54

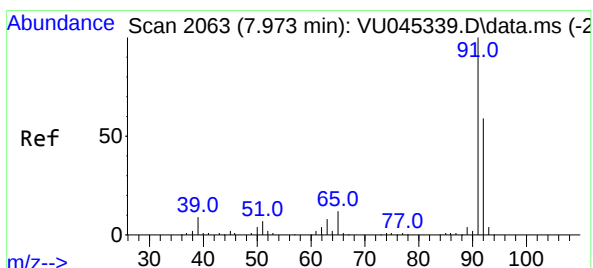
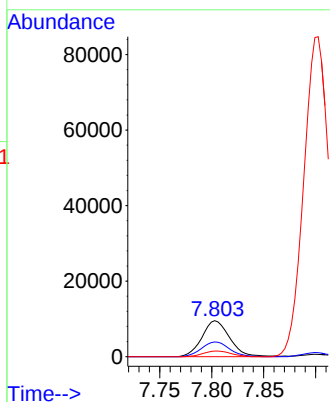
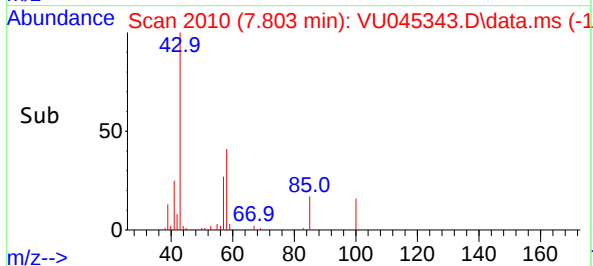
Instrument :
MSVOA_U
ClientSampled :
MDL03



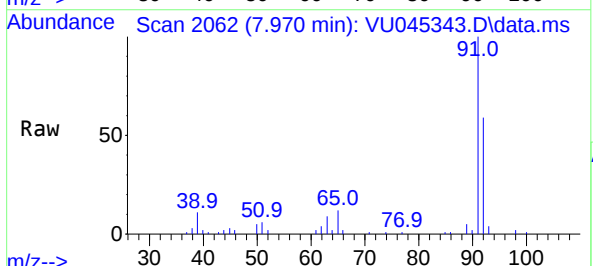
Tgt Ion: 43 Resp: 17722
Ion Ratio Lower Upper
43 100
58 41.2 33.7 50.5
100 15.6 13.0 19.4

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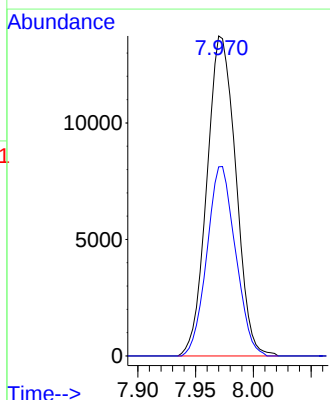
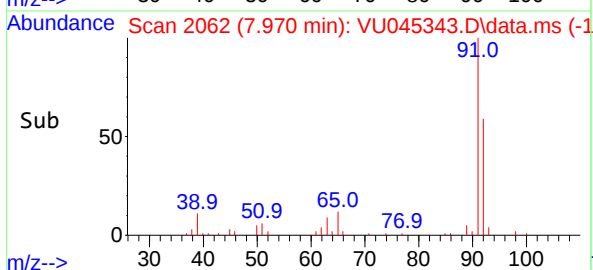
MMDadoda
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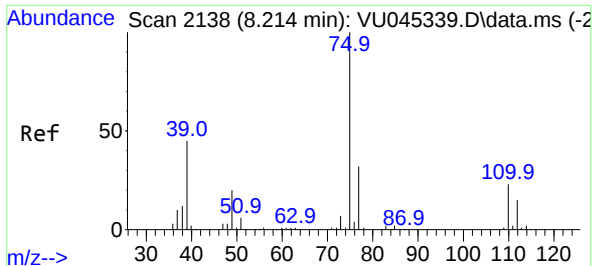


#42
Toluene
Concen: 2.348 ug/L
RT: 7.970 min Scan# 2062
Delta R.T. -0.003 min
Lab File: VU045343.D
Acq: 20 Oct 2021 13:54



Tgt Ion: 91 Resp: 23887
Ion Ratio Lower Upper
91 100
92 59.1 41.2 76.6





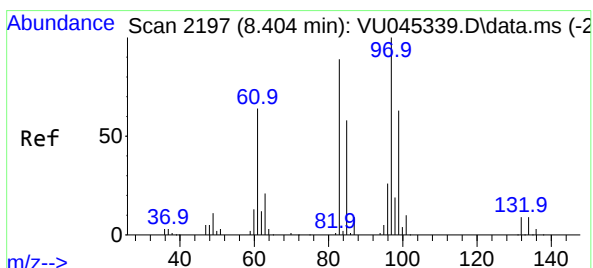
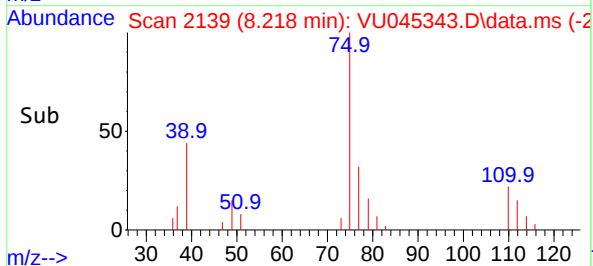
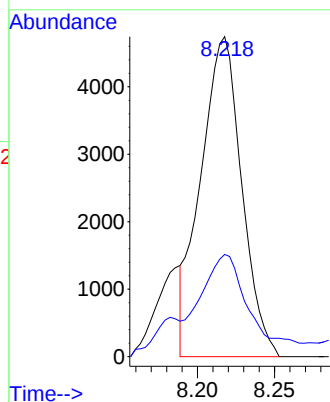
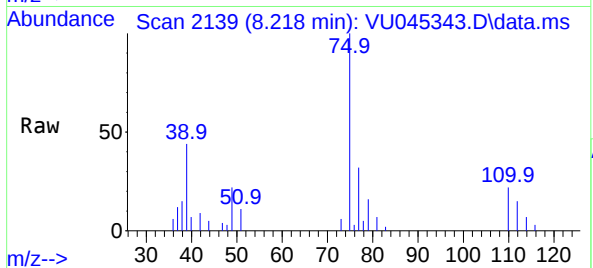
#44
trans-1,3-Dichloropropene
Concen: 2.313 ug/L m
RT: 8.218 min Scan# 2139
Delta R.T. 0.003 min
Lab File: VU045343.D
Acq: 20 Oct 2021 13:54

Tgt Ion: 75 Resp: 8783
Ion Ratio Lower Upper
75 100
77 31.9 22.5 41.9

Instrument :
MSVOA_U
ClientSampled :
MDL03

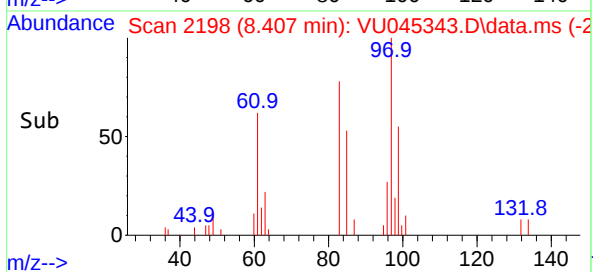
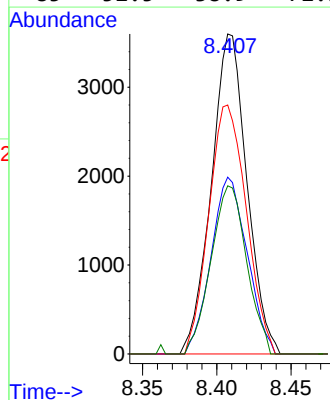
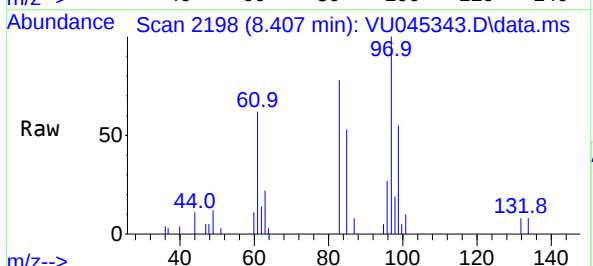
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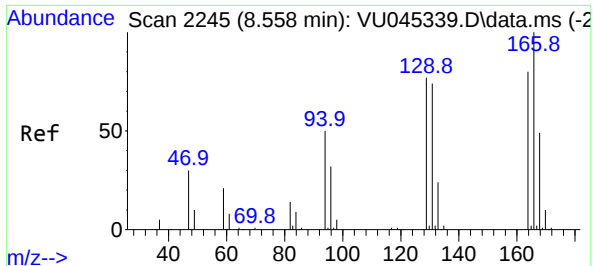
MMDadoda
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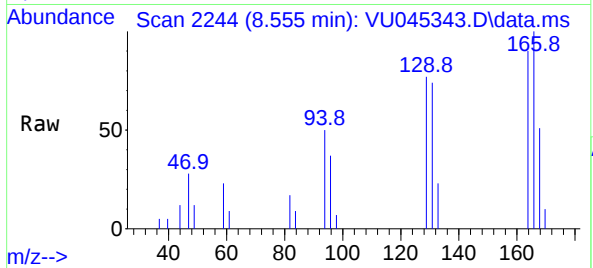
#45
1,1,2-Trichloroethane
Concen: 2.361 ug/L
RT: 8.407 min Scan# 2198
Delta R.T. 0.003 min
Lab File: VU045343.D
Acq: 20 Oct 2021 13:54

Tgt Ion: 97 Resp: 6002
Ion Ratio Lower Upper
97 100
99 60.1 43.0 80.0
83 77.8 60.1 111.5
85 52.5 38.9 72.3



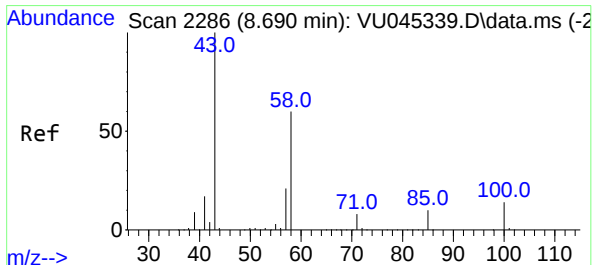
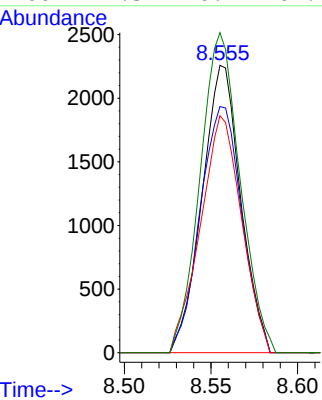
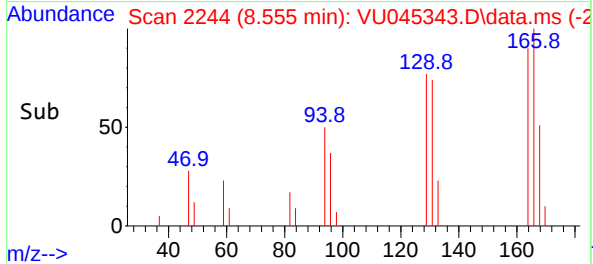


#46
Tetrachloroethene
Concen: 2.101 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.003 min
Lab File: VU045343.D
Acq: 20 Oct 2021 13:54

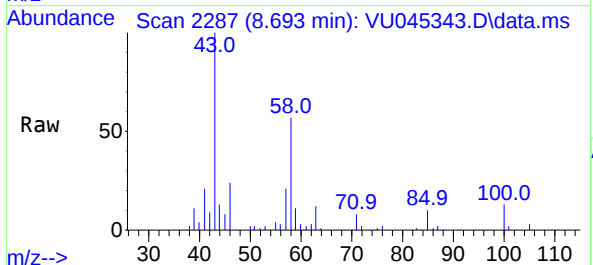


Tgt Ion: 164 Resp: 3500

Ion	Ratio	Lower	Upper
164	100		
129	85.6	69.6	129.2
131	82.5	67.5	125.4
166	111.3	90.4	167.8

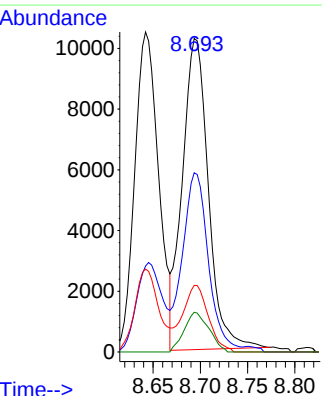
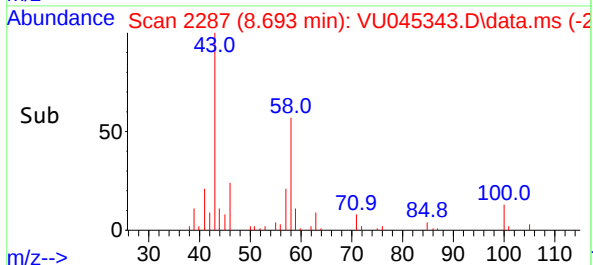


#48
2-Hexanone
Concen: 5.751 ug/L
RT: 8.693 min Scan# 2287
Delta R.T. 0.003 min
Lab File: VU045343.D
Acq: 20 Oct 2021 13:54



Tgt Ion: 43 Resp: 19639

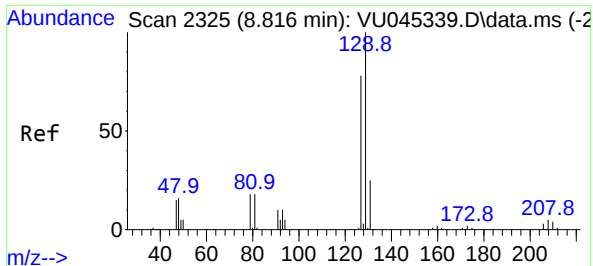
Ion	Ratio	Lower	Upper
43	100		
58	54.6	45.4	68.0
57	20.8	16.0	24.0
100	12.1	10.3	15.5



Instrument :
MSVOA_U
ClientSampled :
MDL03

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#49

Dibromochloromethane

Concen: 2.153 ug/L

RT: 8.819 min Scan# 2326

Delta R.T. 0.003 min

Lab File: VU045343.D

Acq: 20 Oct 2021 13:54

Tgt Ion:129 Resp: 5331

Ion Ratio Lower Upper

129 100

127 81.0 55.3 102.7

Instrument :

MSVOA_U

ClientSampled :

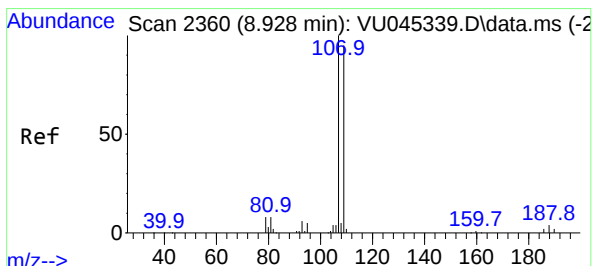
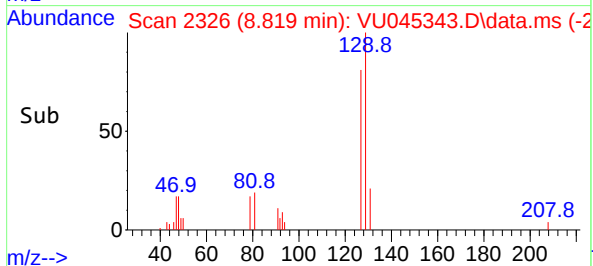
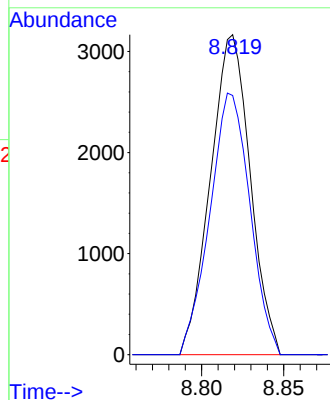
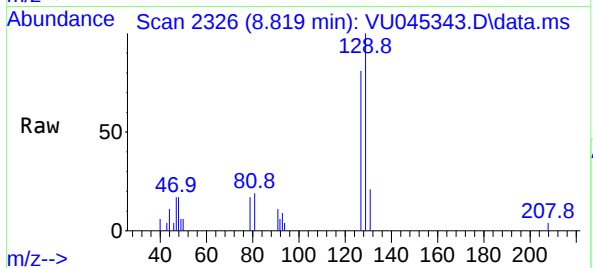
MDL03

Manual Integrations

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#50

1,2-Dibromoethane

Concen: 2.185 ug/L

RT: 8.931 min Scan# 2361

Delta R.T. 0.003 min

Lab File: VU045343.D

Acq: 20 Oct 2021 13:54

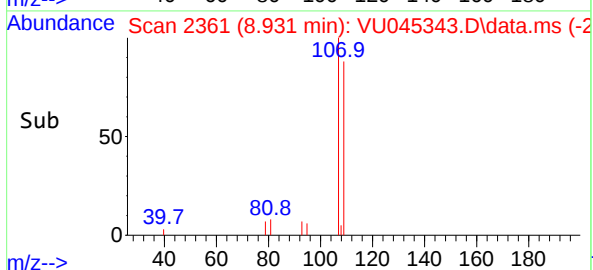
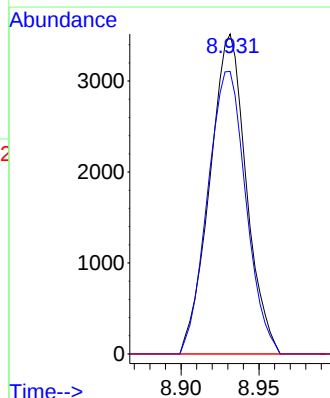
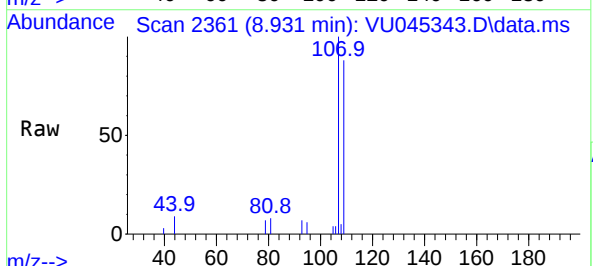
Tgt Ion:107 Resp: 5718

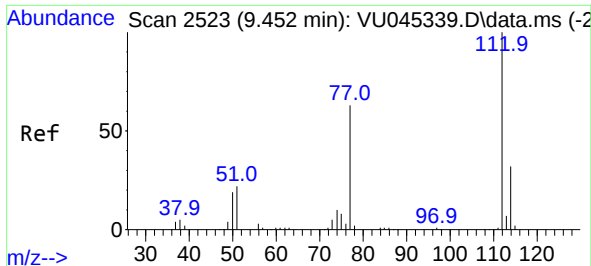
Ion Ratio Lower Upper

107 100

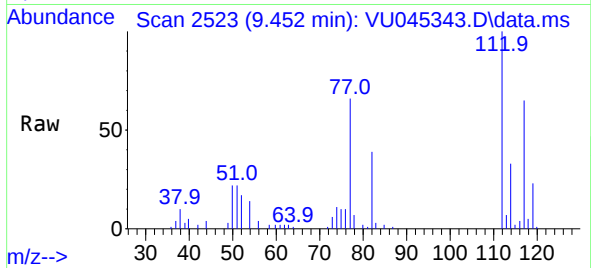
109 88.3 66.6 123.6

188 0.0 2.6 4.0#

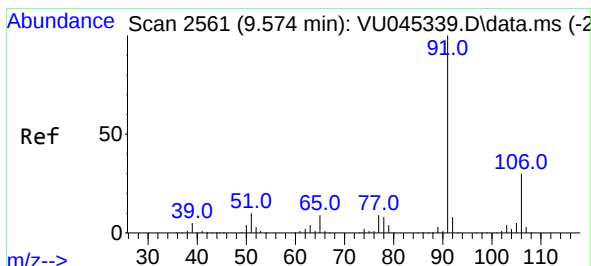
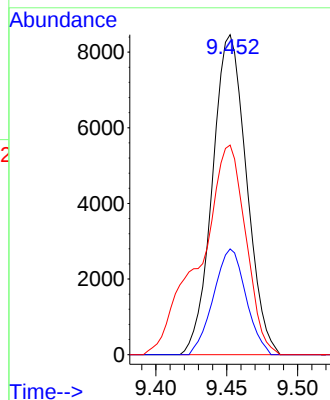
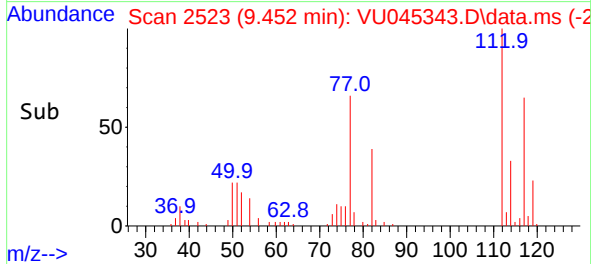




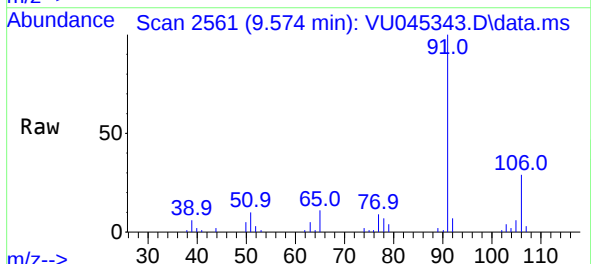
#51
Chlorobenzene
Concen: 2.196 ug/L
RT: 9.452 min Scan# 2523
Delta R.T. 0.000 min
Lab File: VU045343.D
Acq: 20 Oct 2021 13:54



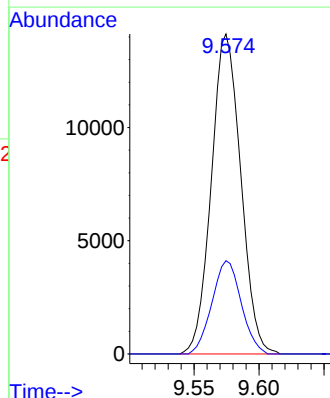
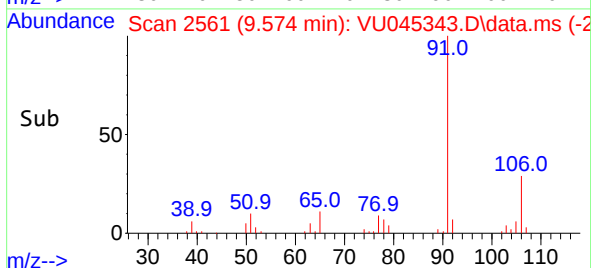
Tgt Ion: 112 Resp: 14151
Ion Ratio Lower Upper
112 100
114 33.1 22.8 42.4
77 65.5 51.3 76.9



#52
Ethylbenzene
Concen: 2.013 ug/L
RT: 9.574 min Scan# 2561
Delta R.T. 0.000 min
Lab File: VU045343.D
Acq: 20 Oct 2021 13:54



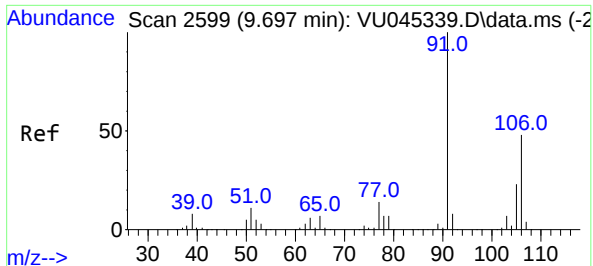
Tgt Ion: 91 Resp: 22221
Ion Ratio Lower Upper
91 100
106 29.1 21.1 39.3



Instrument :
MSVOA_U
ClientSampled :
MDL03

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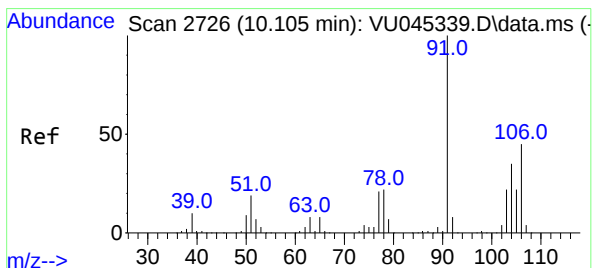
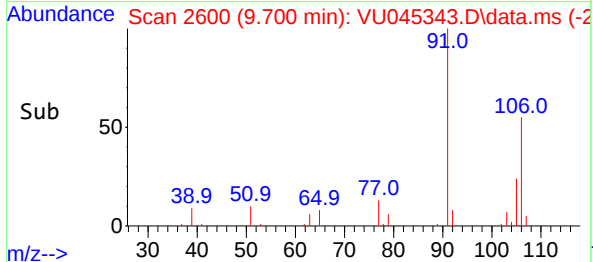
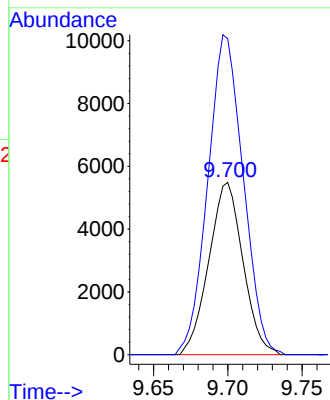
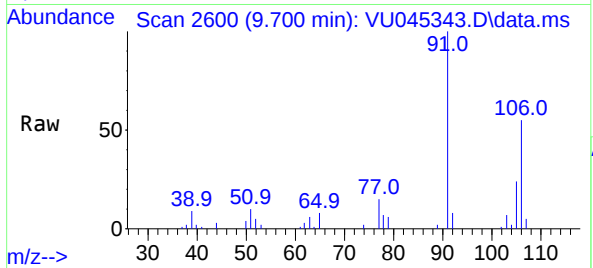
#53
m,p-Xylene
Concen: 2.094 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. 0.003 min
Lab File: VU045343.D
Acq: 20 Oct 2021 13:54

Tgt Ion:106 Resp: 8782
Ion Ratio Lower Upper
106 100
91 183.3 144.4 268.2

Instrument :
MSVOA_U
ClientSampled :
MDL03

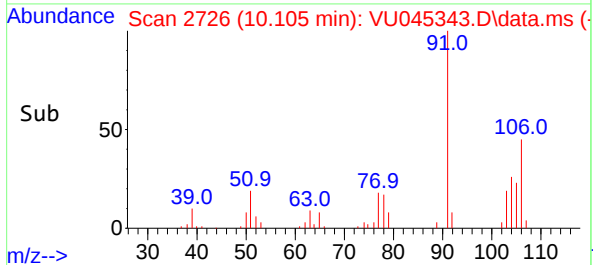
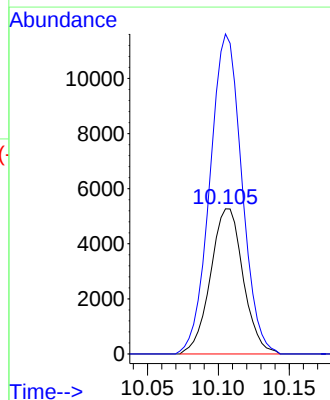
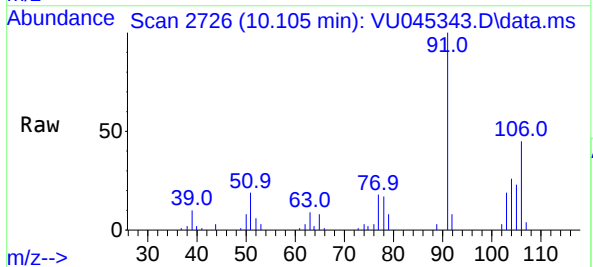
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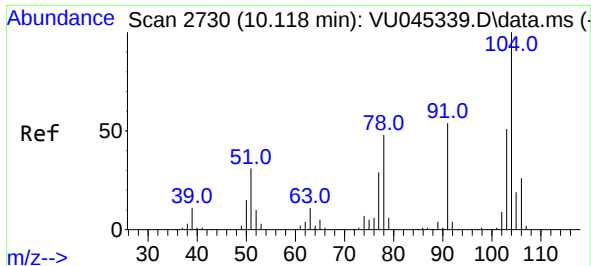
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#54
o-xylene
Concen: 2.007 ug/L
RT: 10.105 min Scan# 2726
Delta R.T. 0.000 min
Lab File: VU045343.D
Acq: 20 Oct 2021 13:54

Tgt Ion:106 Resp: 8445
Ion Ratio Lower Upper
106 100
91 220.5 151.1 280.5





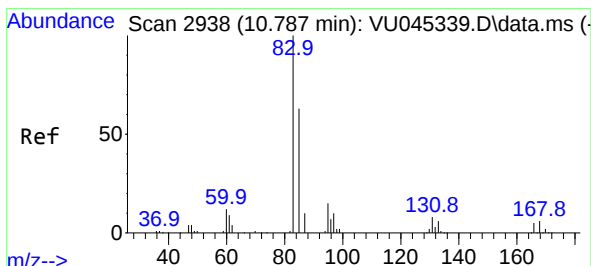
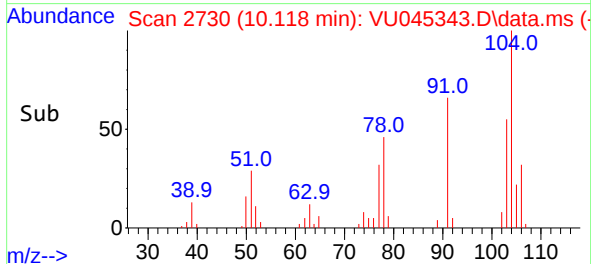
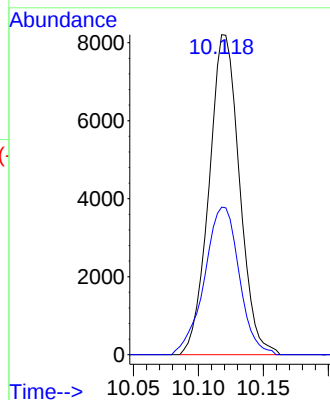
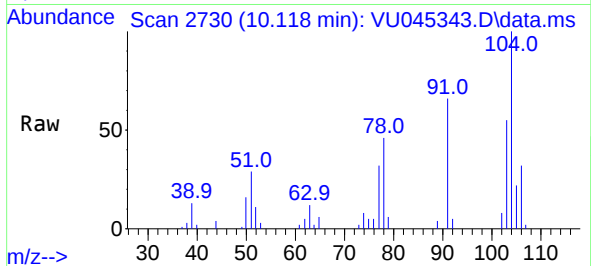
#55
Styrene
Concen: 1.879 ug/L
RT: 10.118 min Scan# 2730
Delta R.T. 0.000 min
Lab File: VU045343.D
Acq: 20 Oct 2021 13:54

Instrument :
MSVOA_U
ClientSampled :
MDL03

Tgt Ion:104 Resp: 13382
Ion Ratio Lower Upper
104 100
78 46.1 32.7 60.7

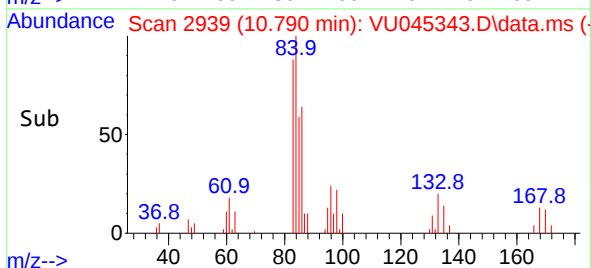
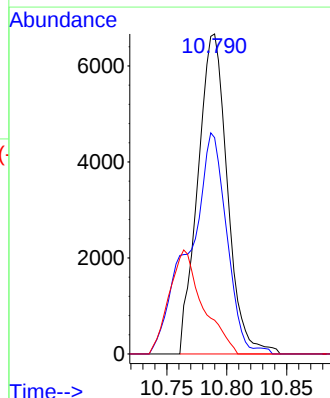
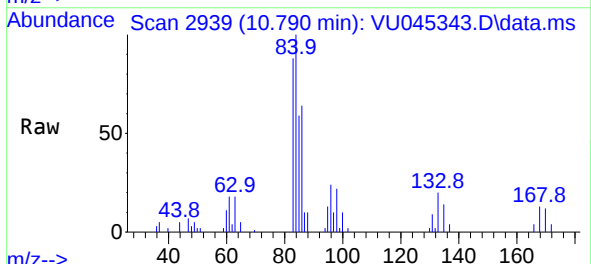
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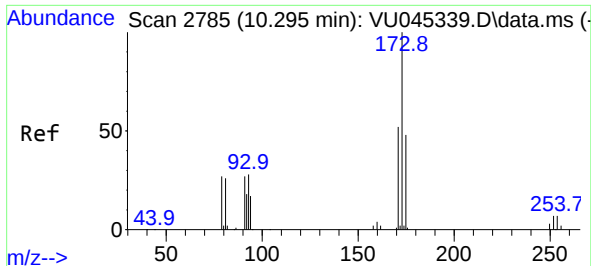
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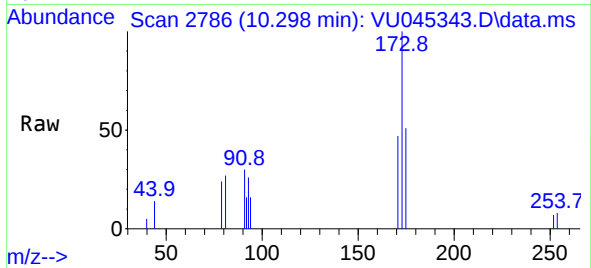
#57
1,1,2,2-Tetrachloroethane
Concen: 2.545 ug/L
RT: 10.790 min Scan# 2939
Delta R.T. 0.003 min
Lab File: VU045343.D
Acq: 20 Oct 2021 13:54

Tgt Ion: 83 Resp: 11429
Ion Ratio Lower Upper
83 100
85 67.6 44.4 82.5
131 10.5 6.8 10.2#

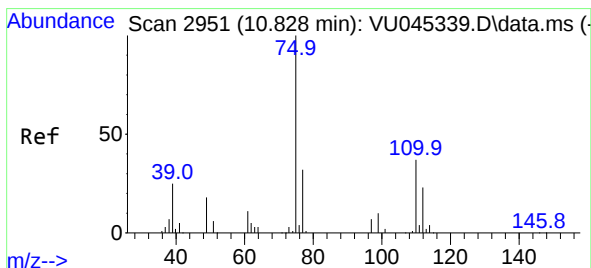
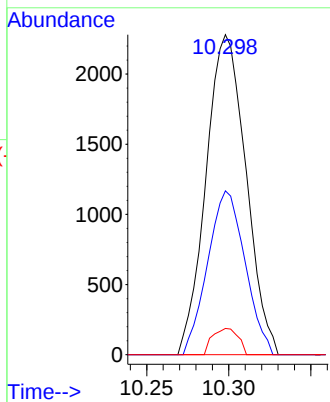
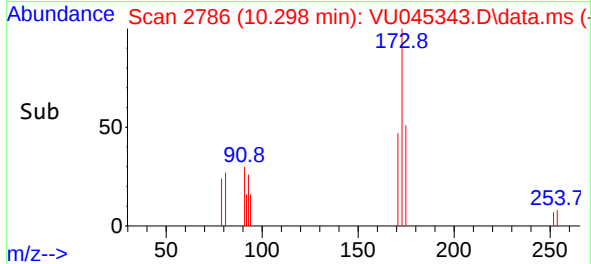




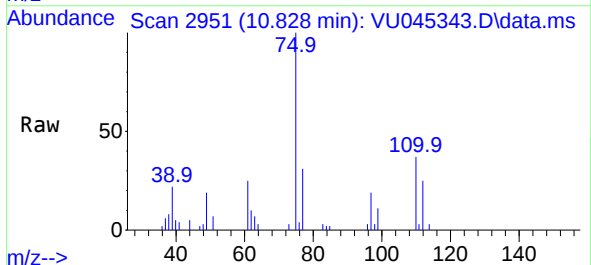
#59
Bromoform
Concen: 2.425 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. 0.003 min
Lab File: VU045343.D
Acq: 20 Oct 2021 13:54



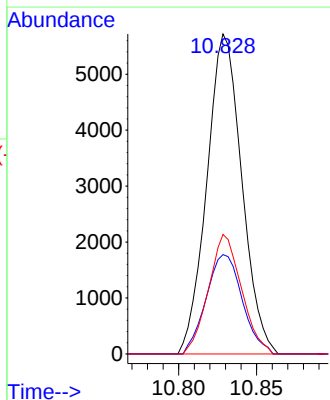
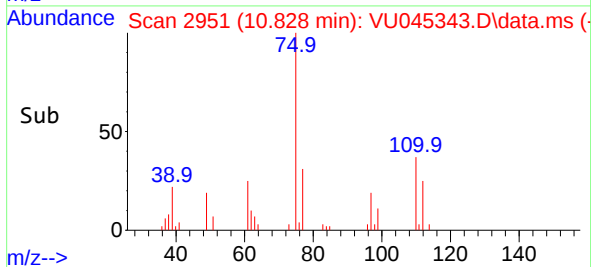
Tgt Ion: 173 Resp: 3854
Ion Ratio Lower Upper
173 100
175 48.0 39.3 58.9
254 5.3 5.8 8.6#



#60
1,2,3-Trichloropropane
Concen: 2.682 ug/L
RT: 10.828 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU045343.D
Acq: 20 Oct 2021 13:54



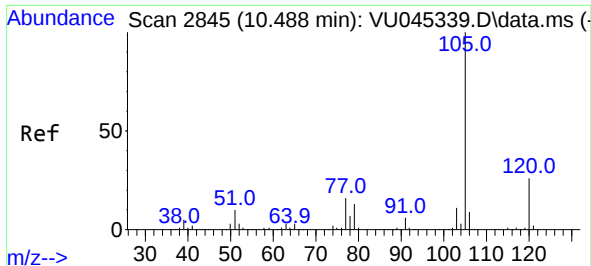
Tgt Ion: 75 Resp: 8927
Ion Ratio Lower Upper
75 100
77 32.1 26.0 39.0
110 35.2 28.8 43.2



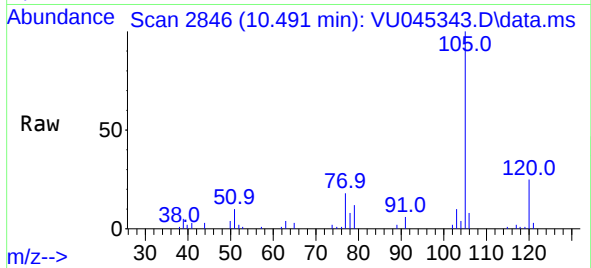
Instrument :
MSVOA_U
ClientSampled :
MDL03

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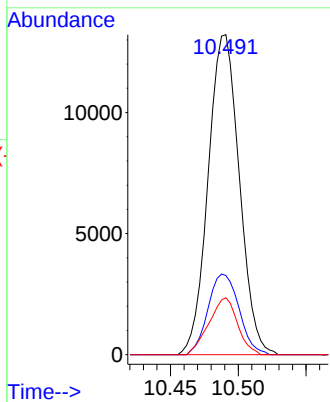
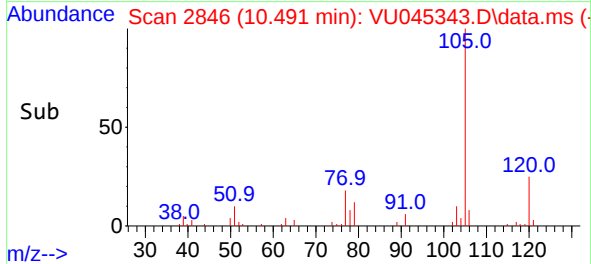
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#61
Isopropylbenzene
Concen: 2.135 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. 0.003 min
Lab File: VU045343.D
Acq: 20 Oct 2021 13:54



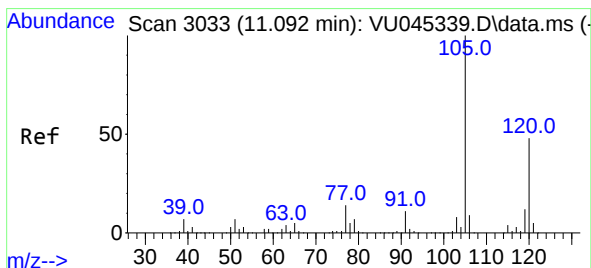
Tgt Ion:105 Resp: 21133
Ion Ratio Lower Upper
105 100
120 25.1 20.5 30.7
77 16.3 13.2 19.8



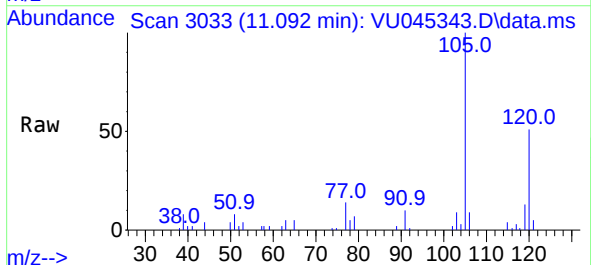
Instrument :
MSVOA_U
ClientSampled :
MDL03

Manual Integrations
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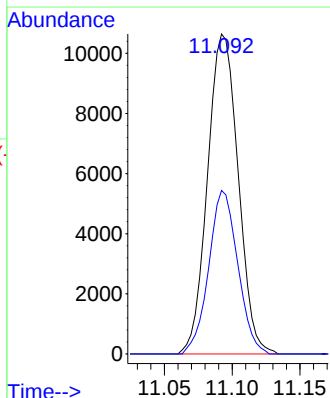
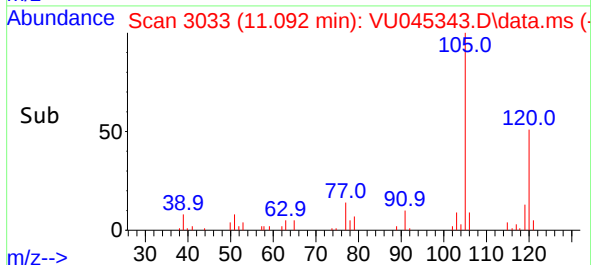
MMDadoda
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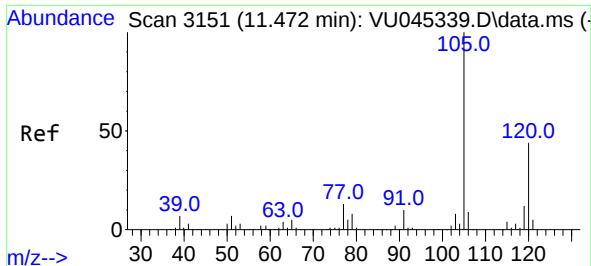


#62
1,3,5-Trimethylbenzene
Concen: 2.043 ug/L
RT: 11.092 min Scan# 3033
Delta R.T. 0.000 min
Lab File: VU045343.D
Acq: 20 Oct 2021 13:54



Tgt Ion:105 Resp: 16736
Ion Ratio Lower Upper
105 100
120 48.4 38.2 57.2





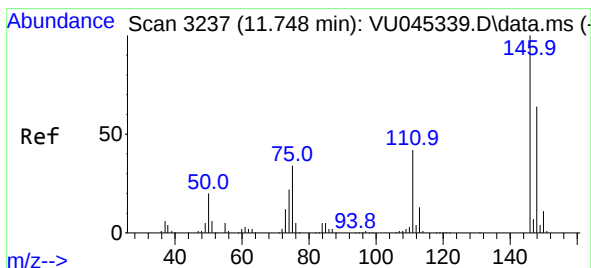
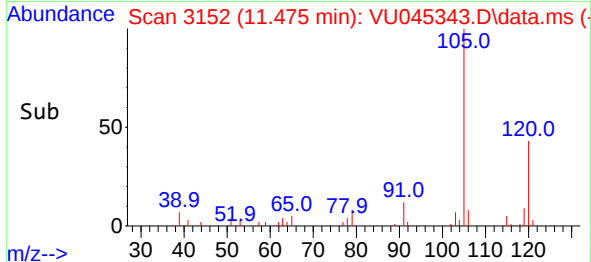
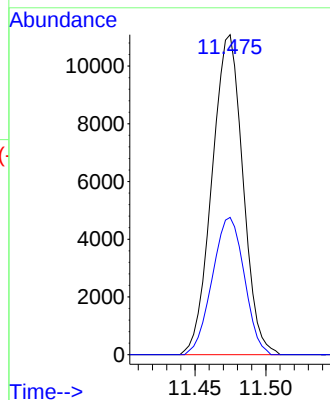
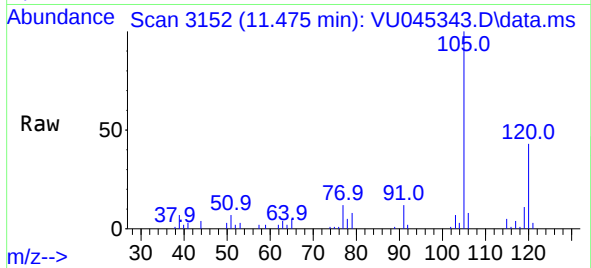
#63
1,2,4-Trimethylbenzene
Concen: 2.032 ug/L
RT: 11.475 min Scan# 3152
Delta R.T. 0.003 min
Lab File: VU045343.D
Acq: 20 Oct 2021 13:54

Instrument :
MSVOA_U
ClientSampled :
MDL03

Tgt Ion:105 Resp: 16846
Ion Ratio Lower Upper
105 100
120 44.4 35.5 53.3

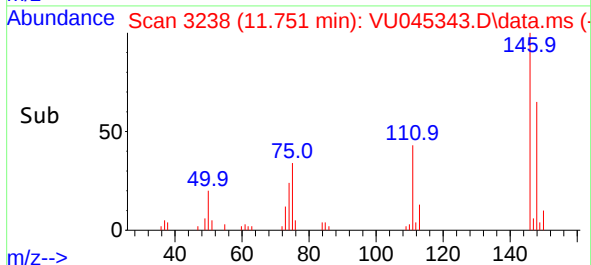
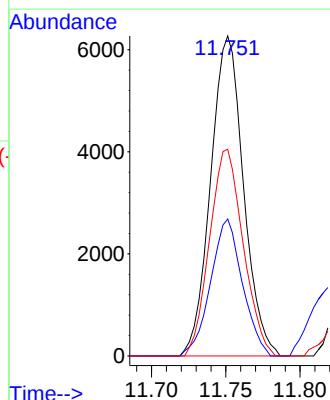
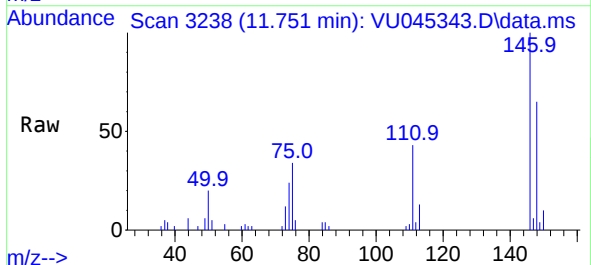
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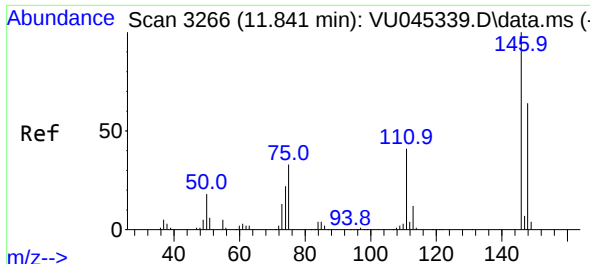
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#64
1,3-Dichlorobenzene
Concen: 2.155 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. 0.003 min
Lab File: VU045343.D
Acq: 20 Oct 2021 13:54

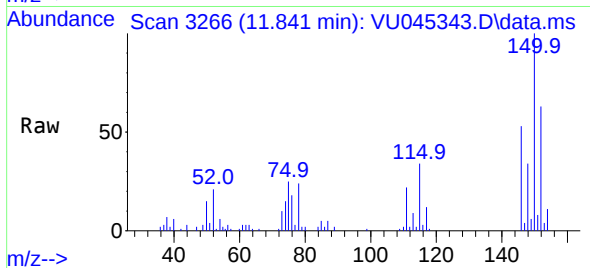
Tgt Ion:146 Resp: 9659
Ion Ratio Lower Upper
146 100
111 46.7 29.0 53.9
148 68.5 45.0 83.6





#65
1,4-Dichlorobenzene
Concen: 2.229 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. 0.000 min
Lab File: VU045343.D
Acq: 20 Oct 2021 13:54

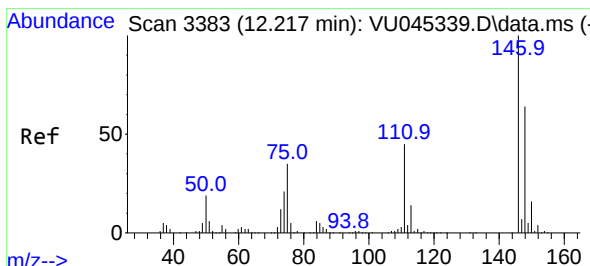
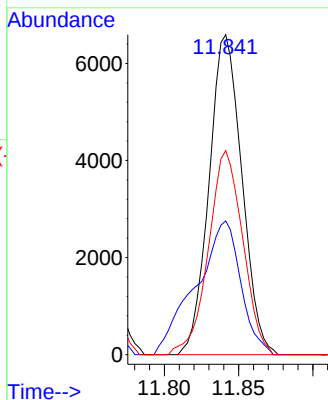
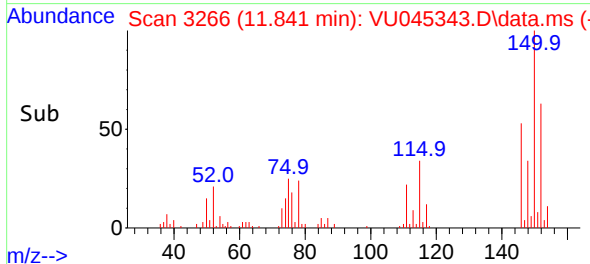
Instrument :
MSVOA_U
ClientSampled :
MDL03



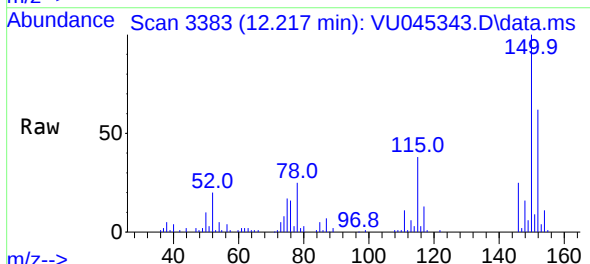
Tgt Ion:146 Resp: 10135
Ion Ratio Lower Upper
146 100
111 41.8 28.6 53.2
148 63.8 44.2 82.0

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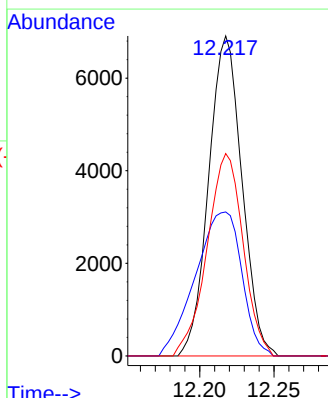
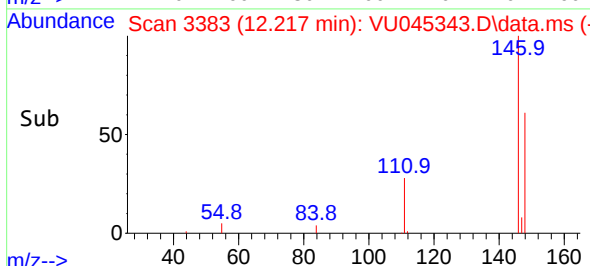
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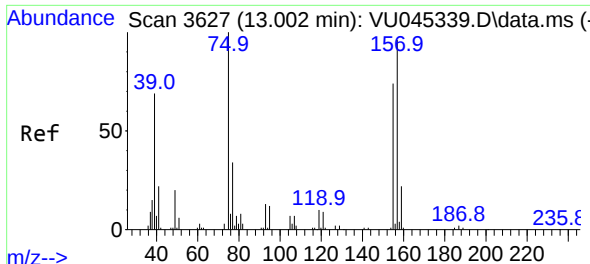


#67
1,2-Dichlorobenzene
Concen: 2.373 ug/L
RT: 12.217 min Scan# 3383
Delta R.T. -0.000 min
Lab File: VU045343.D
Acq: 20 Oct 2021 13:54



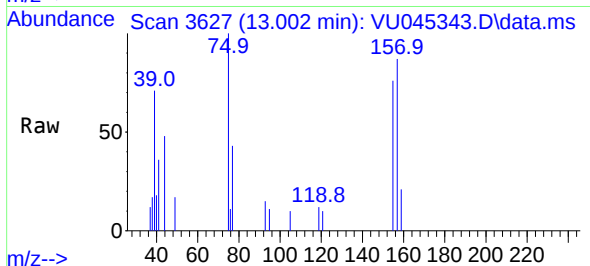
Tgt Ion:146 Resp: 10754
Ion Ratio Lower Upper
146 100
111 45.0 35.2 52.8
148 63.3 50.8 76.2





#68
1,2-Dibromo-3-chloropropane
Concen: 2.026 ug/L
RT: 13.002 min Scan# 3627
Delta R.T. -0.000 min
Lab File: VU045343.D
Acq: 20 Oct 2021 13:54

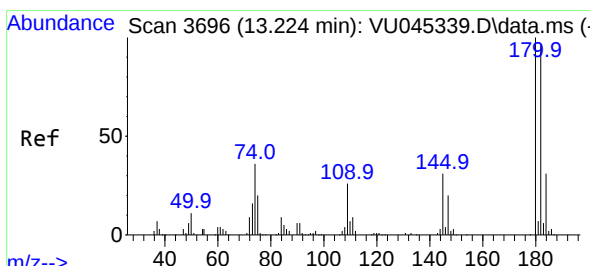
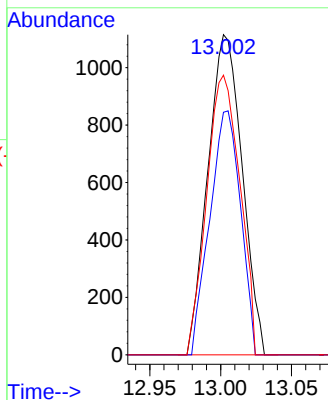
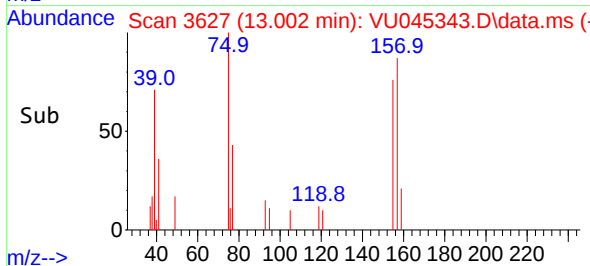
Instrument :
MSVOA_U
ClientSampleId :
MDL03



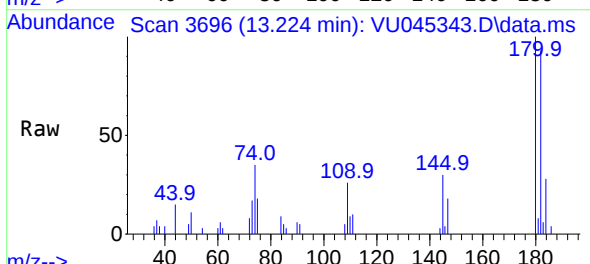
Tgt Ion: 75 Resp: 1878
Ion Ratio Lower Upper
75 100
155 68.1 61.9 92.9
157 78.5 74.1 111.1

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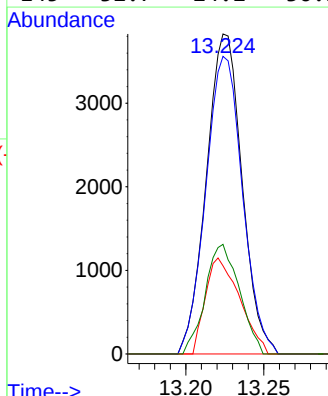
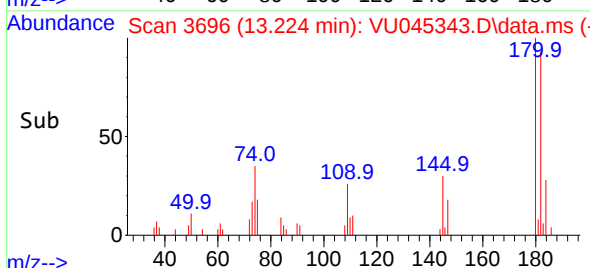
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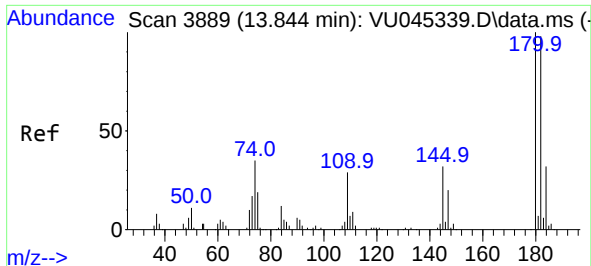


#69
1,3,5-Trichlorobenzene
Concen: 1.974 ug/L
RT: 13.224 min Scan# 3696
Delta R.T. 0.000 min
Lab File: VU045343.D
Acq: 20 Oct 2021 13:54



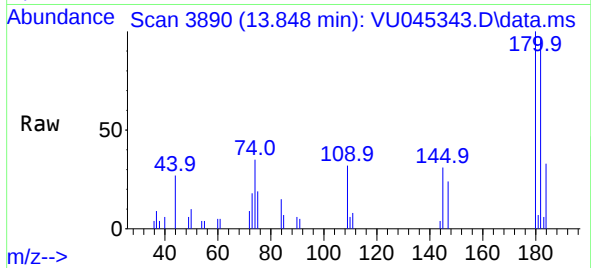
Tgt Ion: 180 Resp: 6089
Ion Ratio Lower Upper
180 100
182 95.4 76.0 114.0
184 28.8 23.8 35.8
145 32.7 24.2 36.2





#70
1,2,4-trichlorobenzene
Concen: 1.723 ug/L
RT: 13.848 min Scan# 3890
Delta R.T. 0.003 min
Lab File: VU045343.D
Acq: 20 Oct 2021 13:54

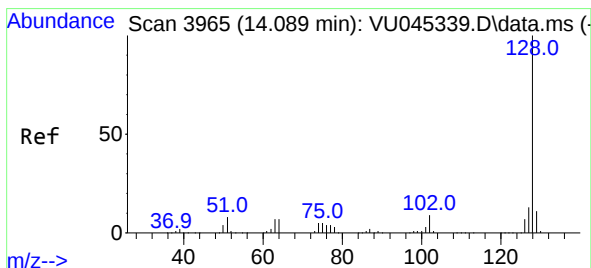
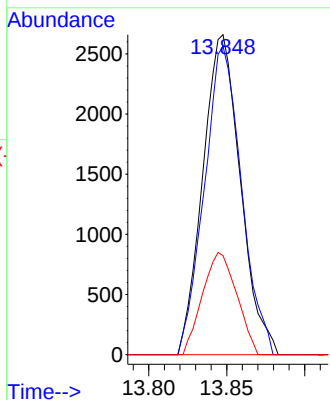
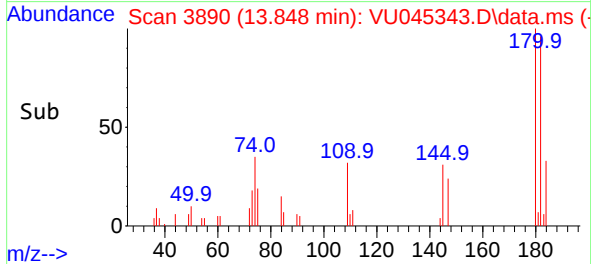
Instrument :
MSVOA_U
ClientSampled :
MDL03



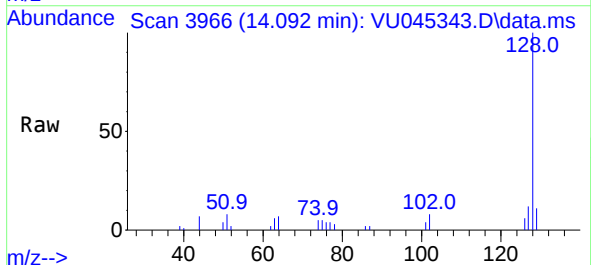
Tgt Ion:180 Resp: 4455
Ion Ratio Lower Upper
180 100
182 95.2 75.7 113.5
145 29.2 25.1 37.7

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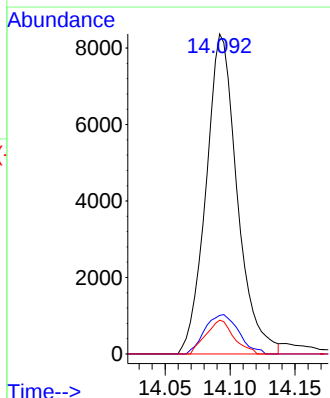
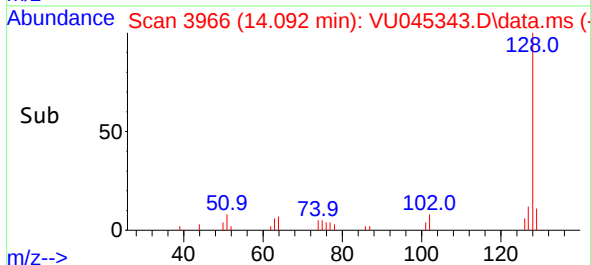
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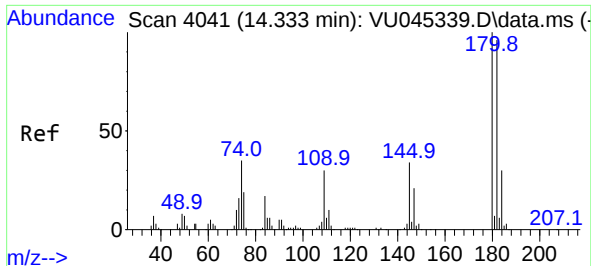


#71
Naphthalene
Concen: 1.613 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. 0.003 min
Lab File: VU045343.D
Acq: 20 Oct 2021 13:54



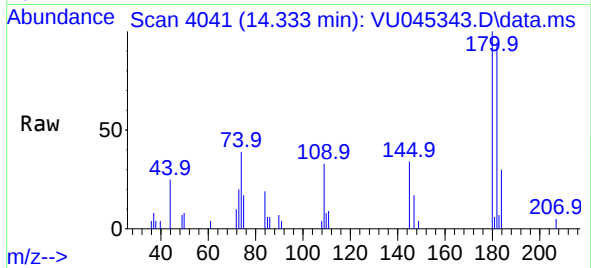
Tgt Ion:128 Resp: 13937
Ion Ratio Lower Upper
128 100
127 13.4 10.6 15.8
129 9.5 8.6 13.0





#72
 1,2,3-Trichlorobenzene
 Concen: 1.822 ug/L
 RT: 14.333 min Scan# 4041
 Delta R.T. 0.000 min
 Lab File: VU045343.D
 Acq: 20 Oct 2021 13:54

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL03



Tgt Ion:180 Resp: 4707

Ion	Ratio	Lower	Upper
180	100		
182	92.8	75.0	112.4
145	33.6	26.4	39.6

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