

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080522\
 Data File : VU050130.D
 Acq On : 06 Aug 2022 05:48
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 06 06:07:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 06 06:03:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	86533	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	84662	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	39904	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	31742	4.408	ug/L	0.00
Spiked Amount 5.000	Range 40	- 130	Recovery	=	88.200%	
7) Chloroethane-d5	1.909	69	28516	4.908	ug/L	0.00
Spiked Amount 5.000	Range 65	- 130	Recovery	=	98.200%	
11) 1,1-Dichloroethene-d2	2.565	65	11655	4.141	ug/L	0.00
Spiked Amount 5.000	Range 60	- 125	Recovery	=	82.800%	
20) 2-Butanone-d5	4.626	46	105417	60.029	ug/L	0.00
Spiked Amount 50.000	Range 40	- 130	Recovery	=	120.060%	
24) Chloroform-d	5.063	84	67112	5.010	ug/L	0.00
Spiked Amount 5.000	Range 70	- 125	Recovery	=	100.200%	
26) 1,2-Dichloroethane-d4	5.703	65	34229	4.977	ug/L	0.00
Spiked Amount 5.000	Range 70	- 130	Recovery	=	99.600%	
32) Benzene-d6	5.726	84	120603	4.565	ug/L	0.00
Spiked Amount 5.000	Range 70	- 125	Recovery	=	91.200%	
36) 1,2-Dichloropropane-d6	6.690	67	43027	4.946	ug/L	0.00
Spiked Amount 5.000	Range 60	- 140	Recovery	=	99.000%	
41) Toluene-d8	7.899	98	102215	4.381	ug/L	0.00
Spiked Amount 5.000	Range 70	- 130	Recovery	=	87.600%	
43) trans-1,3-Dichloroprop...	8.179	79	13436	4.310	ug/L	0.00
Spiked Amount 5.000	Range 55	- 130	Recovery	=	86.200%	
46) 2-Hexanone-d5	8.632	63	76522	69.214	ug/L	0.00
Spiked Amount 50.000	Range 45	- 130	Recovery	=	138.420%#	
56) 1,1,2,2-Tetrachloroeth...	10.755	84	40501	5.301	ug/L	0.00
Spiked Amount 5.000	Range 65	- 120	Recovery	=	106.000%	
66) 1,2-Dichlorobenzene-d4	12.192	152	36123	4.620	ug/L	0.00
Spiked Amount 5.000	Range 80	- 120	Recovery	=	92.400%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	44616	5.624	ug/L	99
3) Chloromethane	1.520	50	53541	5.159	ug/L	100
5) Vinyl chloride	1.604	62	53384	5.742	ug/L	97
6) Bromomethane	1.855	94	12202	2.056	ug/L	100
8) Chloroethane	1.932	64	30388	5.547	ug/L	100
9) Trichlorofluoromethane	2.138	101	56911	5.590	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	30602	5.403	ug/L	97
12) 1,1-Dichloroethene	2.578	96	32800	5.484	ug/L	85
13) Acetone	2.633	43	62509	63.915	ug/L	90
14) Carbon disulfide	2.790	76	117067	5.480	ug/L	99
15) Methyl Acetate	2.954	43	16659	6.239	ug/L	92
16) Methylene chloride	3.044	84	46035	5.037	ug/L	98
17) Methyl tert-butyl Ether	3.363	73	82678	5.296	ug/L	98
18) trans-1,2-Dichloroethene	3.353	96	36446	5.442	ug/L	96
19) 1,1-Dichloroethane	3.871	63	71424	5.632	ug/L	99
21) 2-Butanone	4.707	43	108088	61.461	ug/L	95
22) cis-1,2-Dichloroethene	4.668	96	40527	5.452	ug/L	98
23) Bromochloromethane	4.973	128	19499	5.488	ug/L	98

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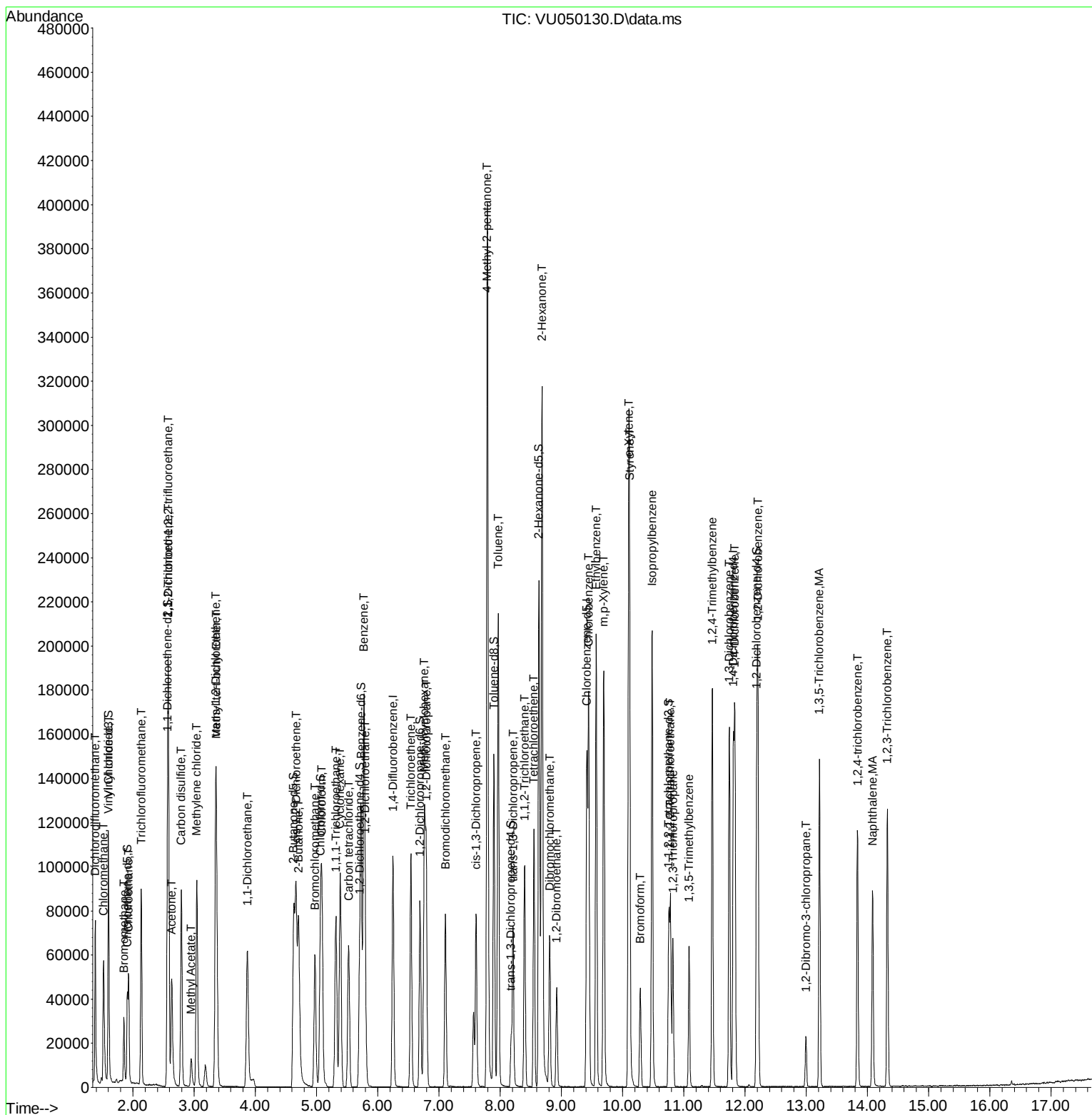
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 ClientSampleId :

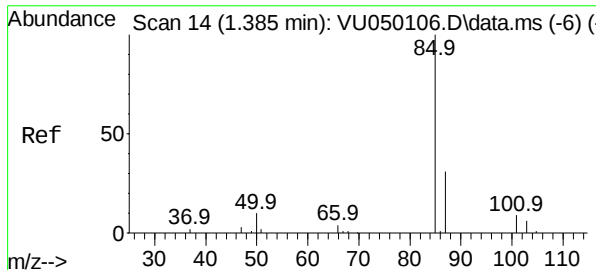
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) Chloroform	5.089	83	74221	5.489	ug/L	98
27) 1,2-Dichloroethane	5.797	62	44171	5.368	ug/L	97
29) 1,1,1-Trichloroethane	5.314	97	57998	5.584	ug/L	100
30) Cyclohexane	5.388	56	43592	4.817	ug/L	97
31) Carbon tetrachloride	5.523	117	45692	5.367	ug/L	98
33) Benzene	5.774	78	161236	5.436	ug/L	100
34) Trichloroethene	6.542	95	36707	5.117	ug/L	97
35) Methylcyclohexane	6.761	83	44593	4.815	ug/L	99
37) 1,2-Dichloropropane	6.793	63	43043	5.448	ug/L	100
38) Bromodichloromethane	7.105	83	52509	5.471	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	48715	4.724	ug/L	96
40) 4-Methyl-2-pentanone	7.790	43	256119	55.965	ug/L	100
42) Toluene	7.970	91	160678	5.401	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	42453	4.800	ug/L	97
45) 1,1,2-Trichloroethane	8.401	97	32584	5.517	ug/L	98
47) Tetrachloroethene	8.552	164	25783	5.016	ug/L	97
48) 2-Hexanone	8.684	43	194687	55.003	ug/L	98
49) Dibromochloromethane	8.809	129	35837	5.482	ug/L	96
50) 1,2-Dibromoethane	8.925	107	30385	5.674	ug/L	99
51) Chlorobenzene	9.446	112	94410	5.044	ug/L	95
52) Ethylbenzene	9.568	91	144938	4.993	ug/L	99
53) m,p-Xylene	9.693	106	56235	5.260	ug/L	99
54) o-Xylene	10.099	106	56955	5.337	ug/L	100
55) Styrene	10.115	104	94198	5.284	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	43864	5.652	ug/L	100
59) Bromoform	10.288	173	20346	5.084	ug/L	94
60) Isopropylbenzene	10.484	105	133158	4.997	ug/L	99
61) 1,2,3-Trichloropropane	10.822	75	29304	5.391	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	35997	4.781	ug/L	98
63) 1,2,4-Trimethylbenzene	11.465	105	99862	4.868	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	67842	5.051	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	66934	5.121	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	68379	5.257	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.996	75	6395	6.000	ug/L	93
69) 1,3,5-Trichlorobenzene	13.217	180	46264	4.835	ug/L	98
70) 1,2,4-trichlorobenzene	13.838	180	35921	4.955	ug/L	99
71) Naphthalene	14.086	128	74281	4.997	ug/L	100
72) 1,2,3-Trichlorobenzene	14.327	180	38968	5.302	ug/L	99

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

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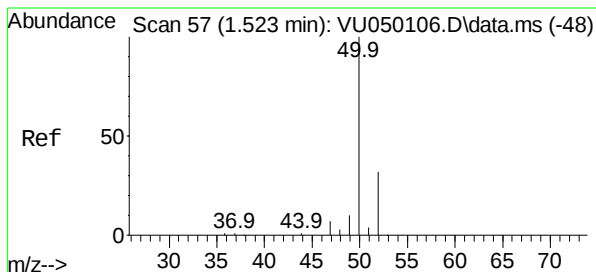
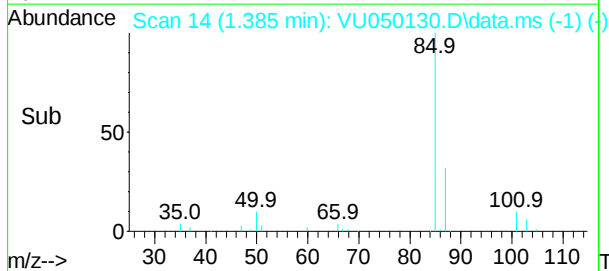
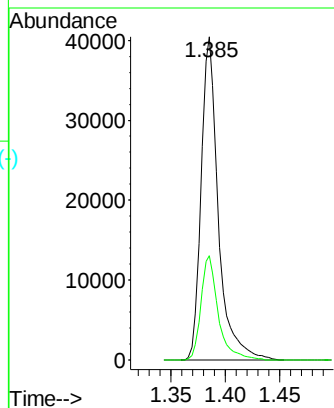
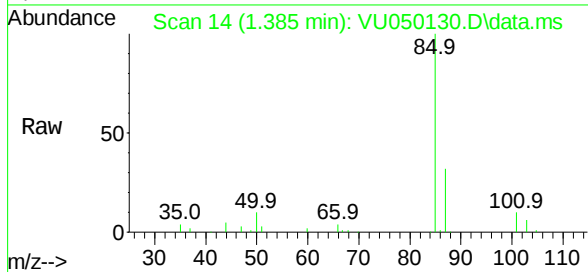




Dichlorodifluoromethane
 Concen: 5.624 ug/L
 RT: 1.385 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VU050130.D
 Acq: 06 Aug 2022 05:48

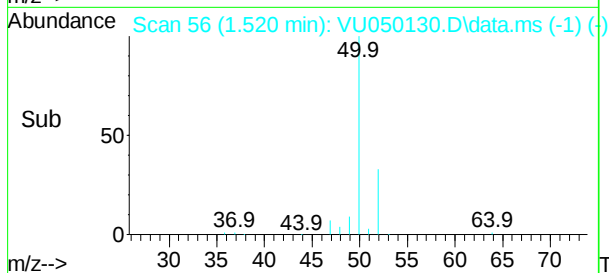
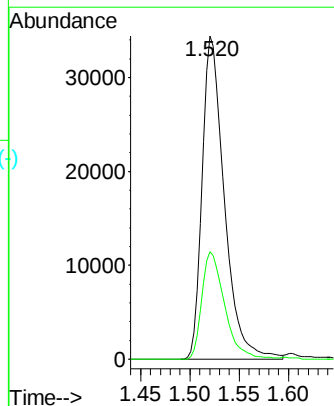
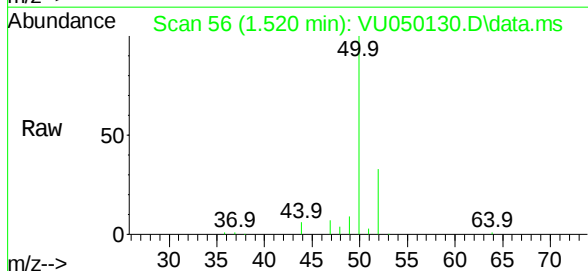
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 MSVOA_U
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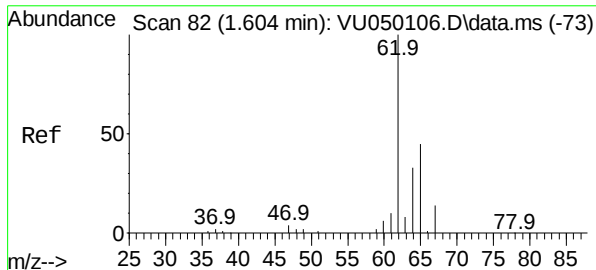
Tgt Ion: 85 Resp: 44616
 Ion Ratio Lower Upper
 85 100
 87 32.3 26.2 39.4



Chloromethane
 Concen: 5.159 ug/L
 RT: 1.520 min Scan# 56
 Delta R.T. -0.003 min
 Lab File: VU050130.D
 Acq: 06 Aug 2022 05:48

Tgt Ion: 50 Resp: 53541
 Ion Ratio Lower Upper
 50 100
 52 33.3 23.2 43.2





Vinyl chloride

Concen: 5.742 ug/L

RT: 1.604 min Scan# 82

Delta R.T. 0.000 min

Lab File: VU050130.D

Acq: 06 Aug 2022 05:48

Instrument :

MSVOA_U

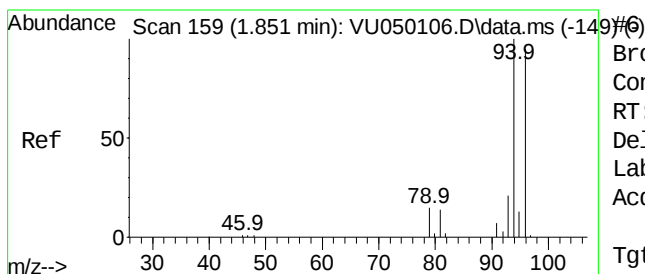
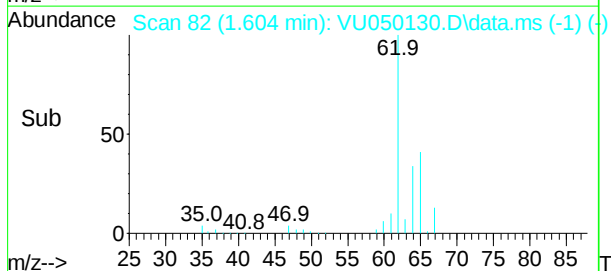
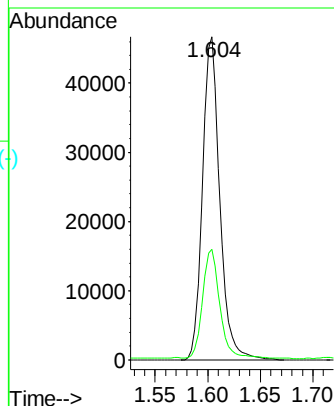
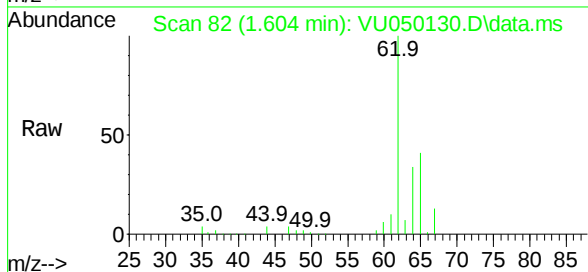
ClientSampleId :

Tgt Ion: 62 Resp: 53384

Ion Ratio Lower Upper

62 100

64 34.3 22.8 42.4



Bromomethane

Concen: 2.056 ug/L

RT: 1.855 min Scan# 160

Delta R.T. 0.003 min

Lab File: VU050130.D

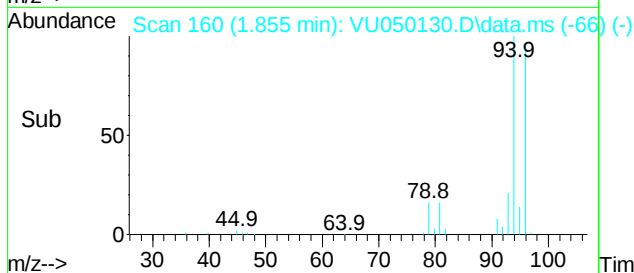
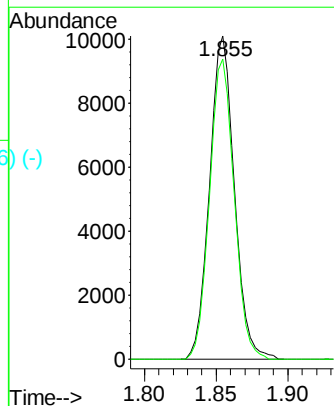
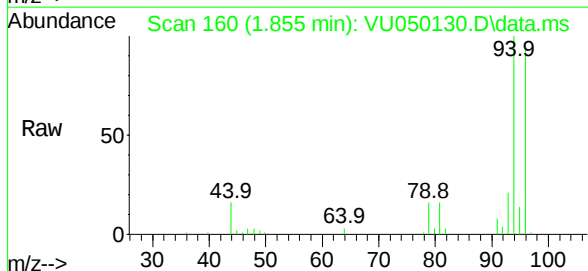
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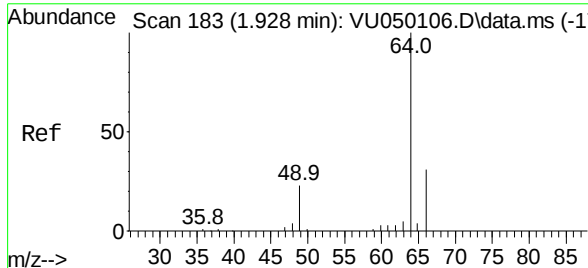
Tgt Ion: 94 Resp: 12202

Ion Ratio Lower Upper

94 100

96 92.9 65.3 121.3





Chloroethane

Concen: 5.547 ug/L

RT: 1.932 min Scan#

Delta R.T. 0.003 min

Lab File: VU050130.D

Acq: 06 Aug 2022 05:48

Instrument :

MSVOA_U

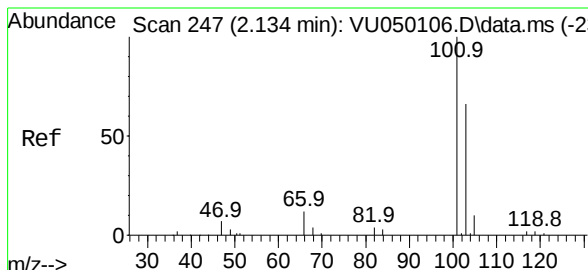
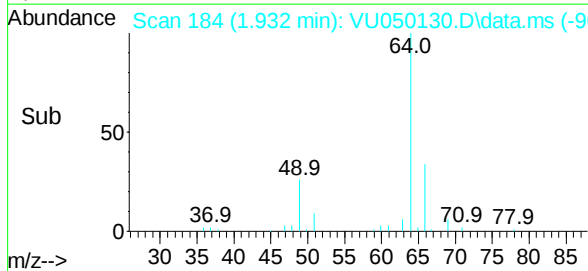
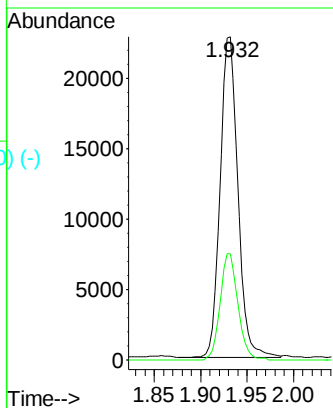
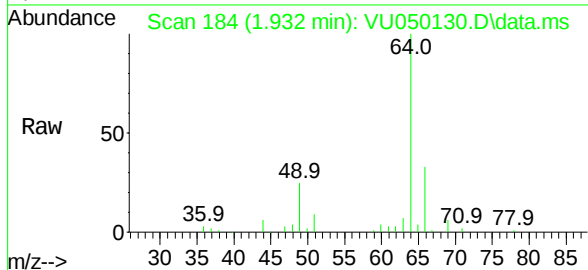
ClientSampleId :

Tgt Ion: 64 Resp: 30388

Ion Ratio Lower Upper

64 100

66 32.9 22.8 42.4



Trichlorofluoromethane

Concen: 5.590 ug/L

RT: 2.138 min Scan# 248

Delta R.T. 0.003 min

Lab File: VU050130.D

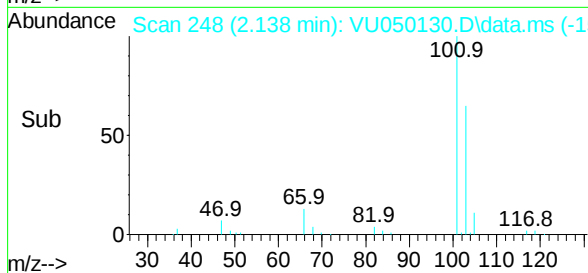
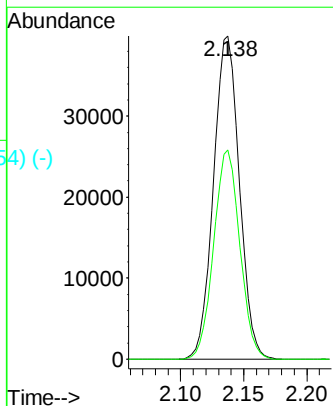
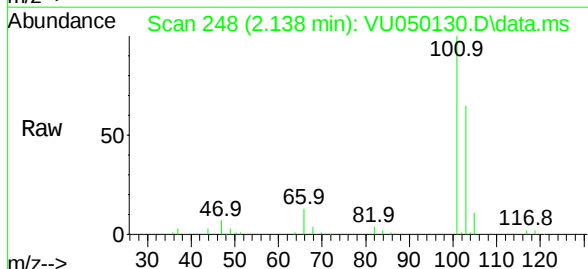
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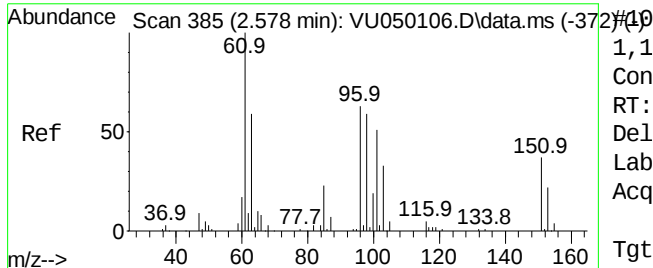
Tgt Ion: 101 Resp: 56911

Ion Ratio Lower Upper

101 100

103 65.3 52.6 78.8

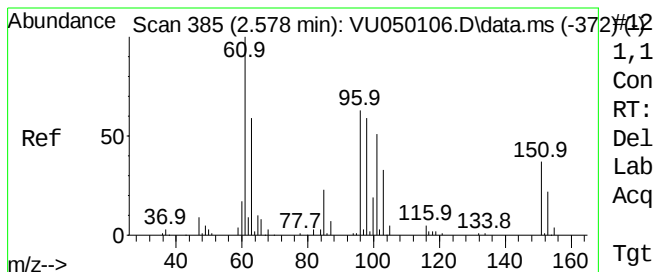
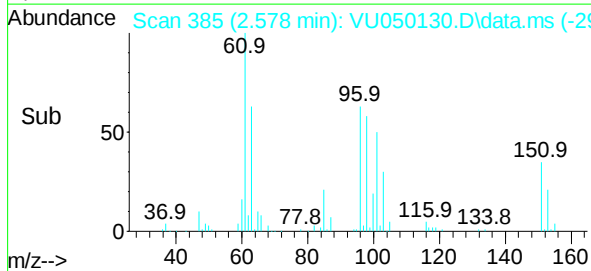
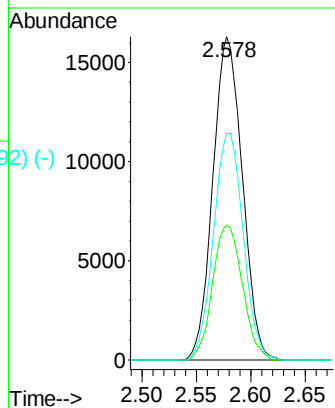
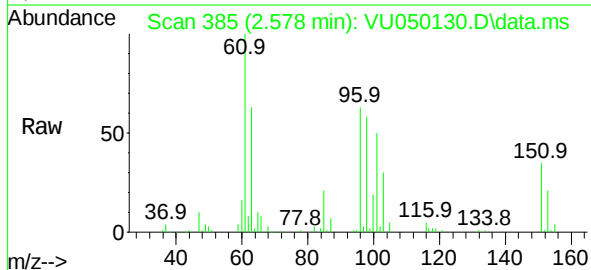




1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.403 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.000 min
 Lab File: VU050130.D
 Acq: 06 Aug 2022 05:48

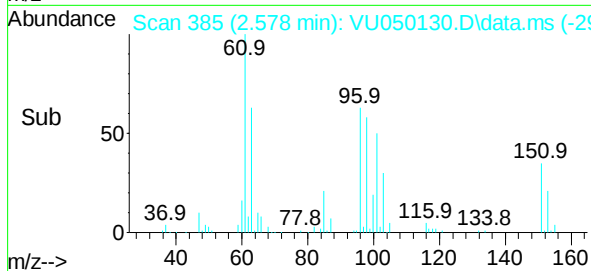
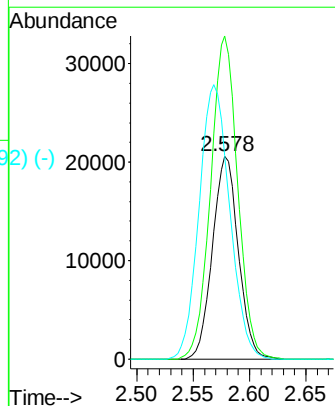
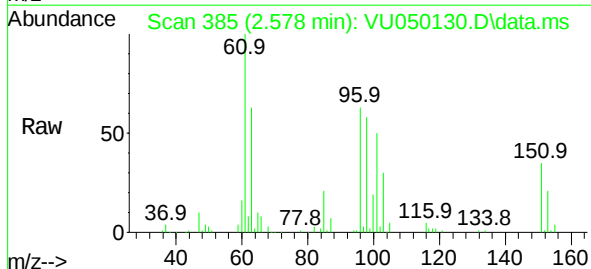
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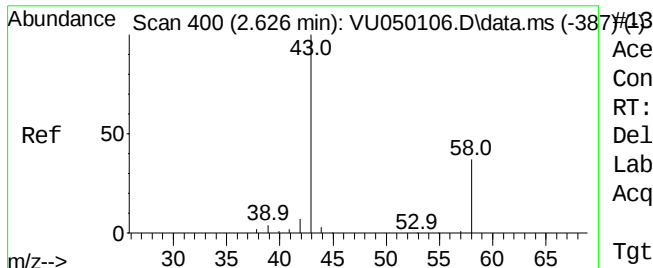
Tgt Ion:	101	Resp:	30602
Ion	Ratio	Lower	Upper
101	100		
85	42.3	35.6	53.4
151	70.8	55.2	82.8



1,1-Dichloroethene
 Concen: 5.484 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.000 min
 Lab File: VU050130.D
 Acq: 06 Aug 2022 05:48

Tgt Ion:	96	Resp:	32800
Ion	Ratio	Lower	Upper
96	100		
61	159.1	122.7	227.9
63	100.3	85.1	158.1

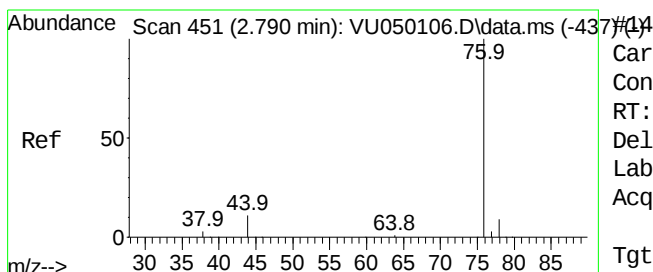
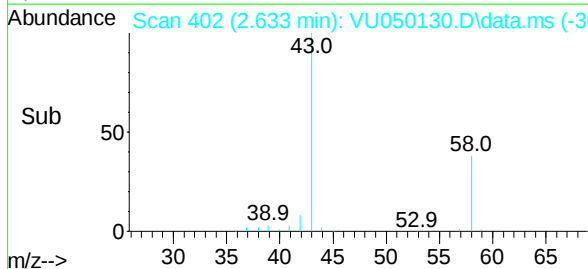
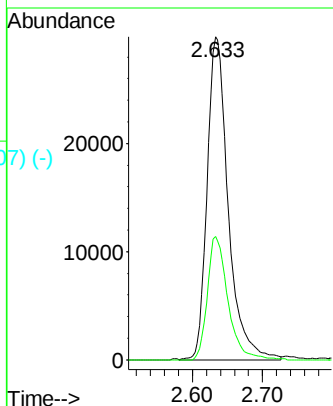
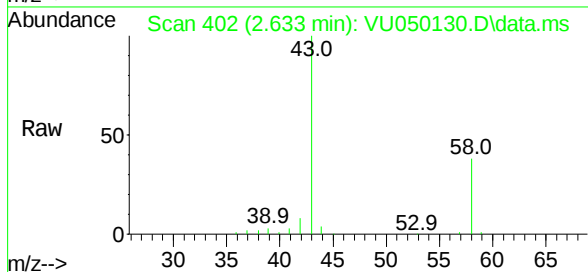




#13
Acetone
Concen: 63.915 ug/L
RT: 2.633 min Scan# 402
Delta R.T. 0.007 min
Lab File: VU050130.D
Acq: 06 Aug 2022 05:48

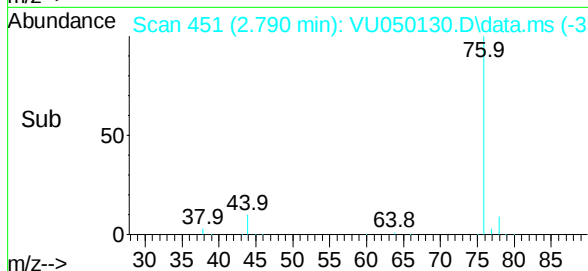
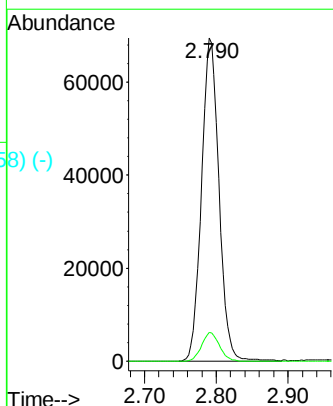
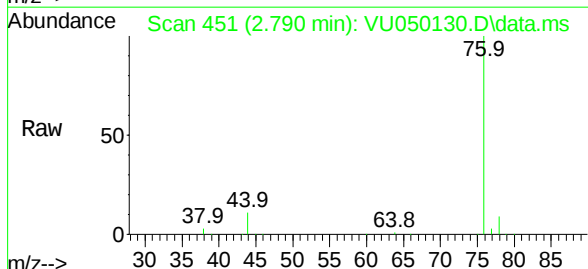
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MSVOA_U
ClientSampleId :

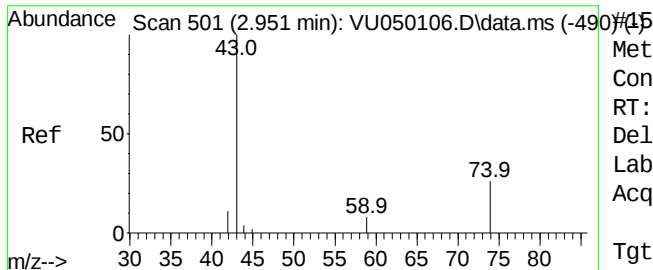
Tgt Ion: 43 Resp: 62509
Ion Ratio Lower Upper
43 100
58 37.3 0.0 64.0



#14
Carbon disulfide
Concen: 5.480 ug/L
RT: 2.790 min Scan# 451
Delta R.T. 0.000 min
Lab File: VU050130.D
Acq: 06 Aug 2022 05:48

Tgt Ion: 76 Resp: 117067
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0





Methyl Acetate

Concen: 6.239 ug/L

RT: 2.954 min Scan# 530

Delta R.T. 0.003 min

Lab File: VU050130.D

Acq: 06 Aug 2022 05:48

Instrument :

MSVOA_U

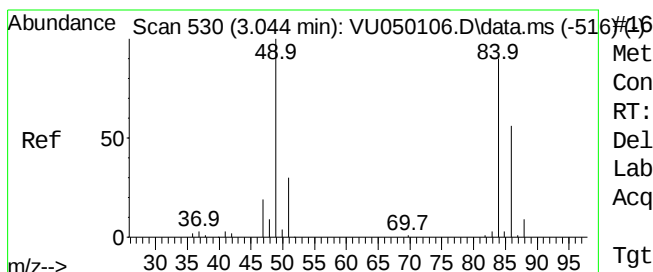
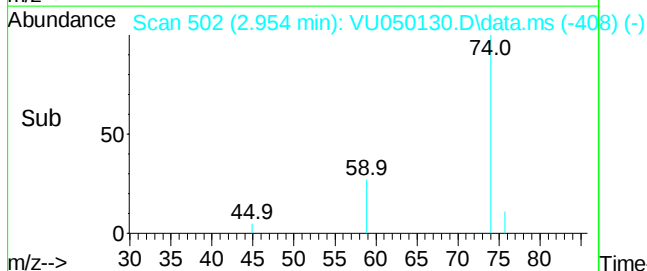
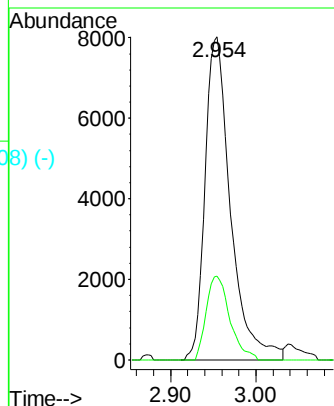
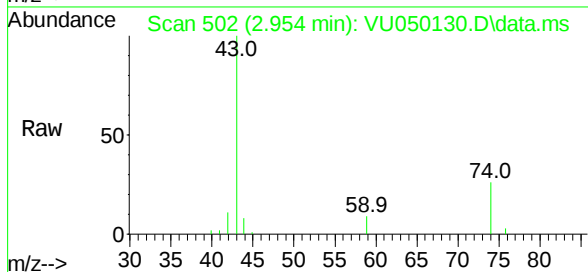
ClientSampleId :

Tgt Ion: 43 Resp: 16659

Ion Ratio Lower Upper

43 100

74 23.9 22.7 34.1



Methylene chloride

Concen: 5.037 ug/L

RT: 3.044 min Scan# 530

Delta R.T. 0.000 min

Lab File: VU050130.D

Acq: 06 Aug 2022 05:48

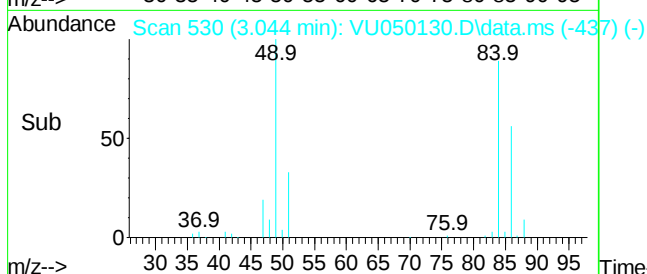
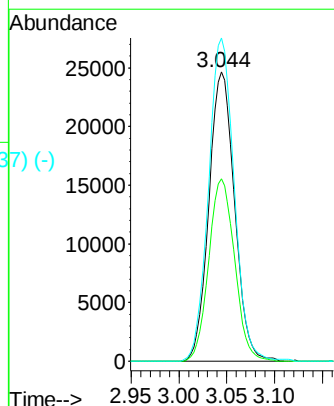
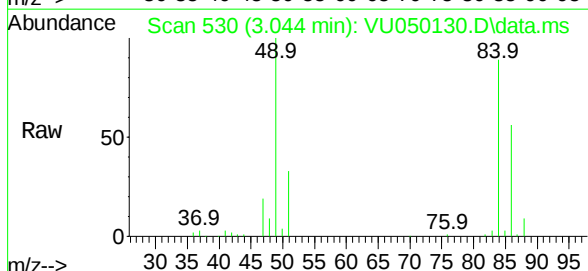
Tgt Ion: 84 Resp: 46035

Ion Ratio Lower Upper

84 100

86 63.1 45.9 85.3

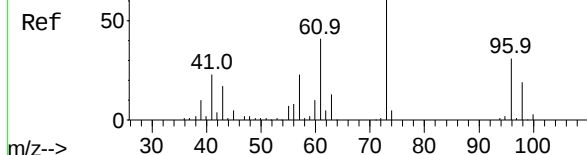
49 111.8 77.6 144.0



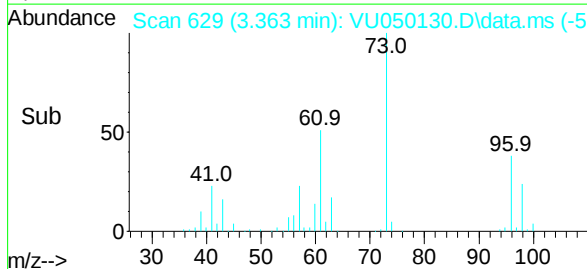
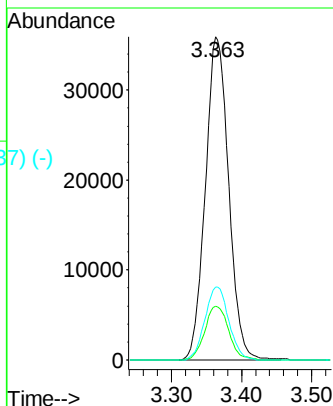
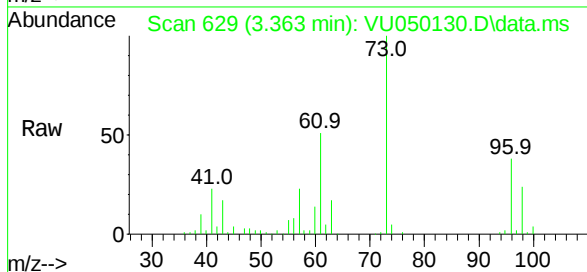
Abundance Scan 630 (3.366 min): VU050106.D\data.ms (-613) #17

Methyl tert-butyl Ether
Concen: 5.296 ug/L
RT: 3.363 min Scan# 629
Delta R.T. -0.003 min
Lab File: VU050130.D
Acq: 06 Aug 2022 05:48

Instrument :
MSVOA_U
ClientSampleId :



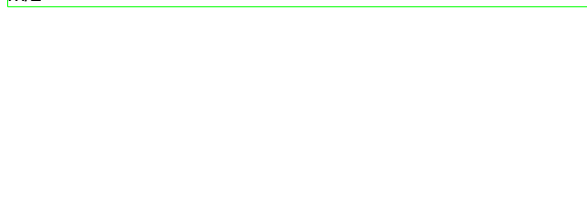
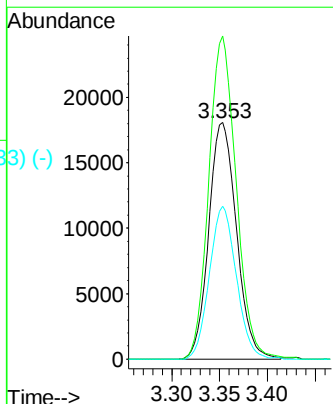
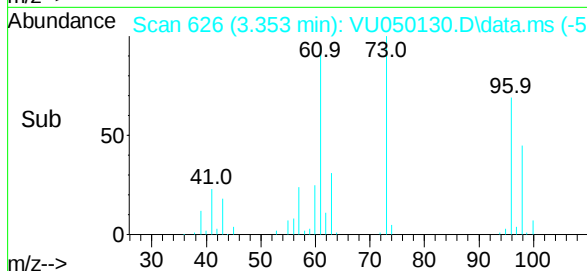
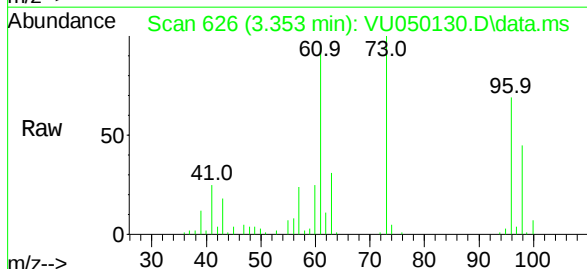
Tgt Ion:	73	Resp:	82678
Ion	Ratio	Lower	Upper
73	100		
43	17.1	13.5	20.3
57	23.1	17.4	26.2



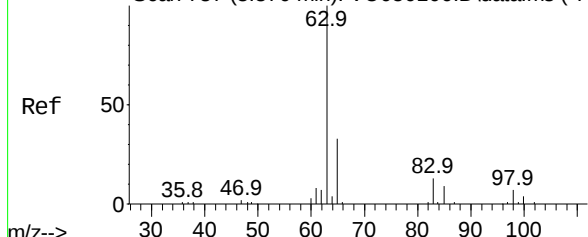
Abundance Scan 626 (3.353 min): VU050106.D\data.ms (-612) #18

trans-1,2-Dichloroethene
Concen: 5.442 ug/L
RT: 3.353 min Scan# 626
Delta R.T. 0.000 min
Lab File: VU050130.D
Acq: 06 Aug 2022 05:48

Tgt Ion:	96	Resp:	36446
Ion	Ratio	Lower	Upper
96	100		
61	136.7	92.3	171.5
98	64.6	43.2	80.2

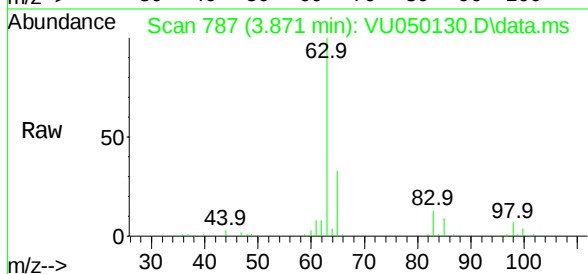


Abundance Scan 787 (3.870 min): VU050106.D\data.ms (-769) (-)

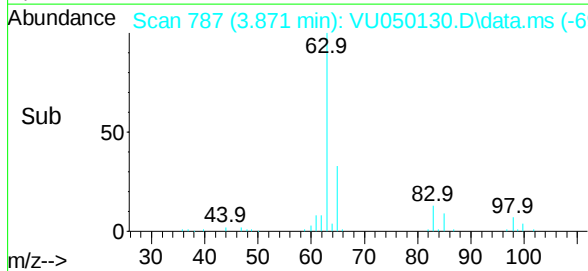
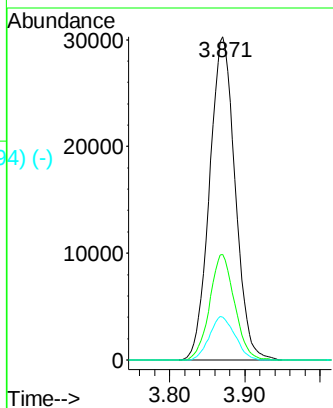


1,1-Dichloroethane
Concen: 5.632 ug/L
RT: 3.871 min Scan# 19
Delta R.T. 0.000 min
Lab File: VU050130.D
Acq: 06 Aug 2022 05:48

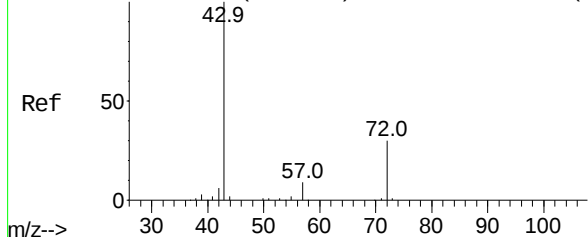
Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	63	Resp:	71424
Ion	Ratio	Lower	Upper
63	100		
65	32.6	22.7	42.3
83	13.2	9.8	18.2

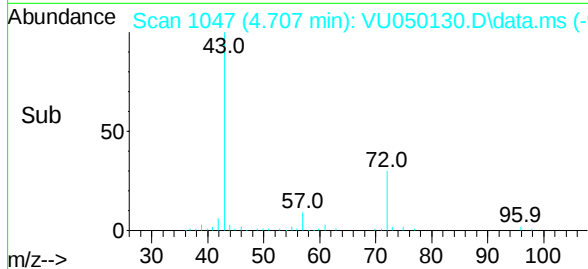
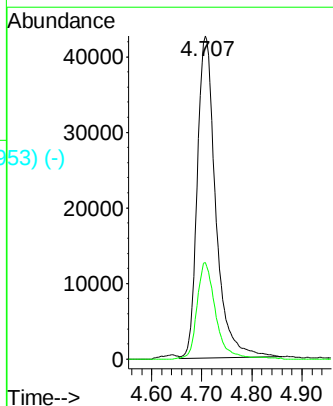
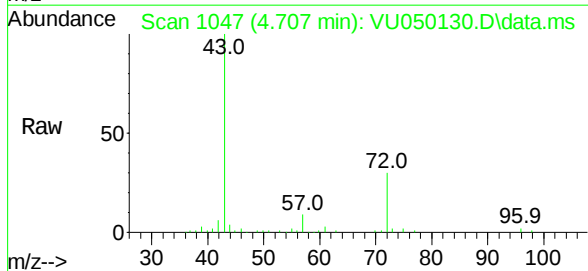


Abundance Scan 1046 (4.703 min): VU050106.D\data.ms (-1052) (-)

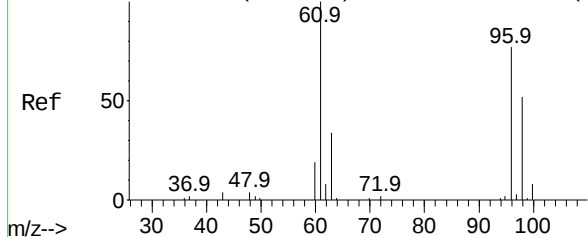


2-Butanone
Concen: 61.461 ug/L
RT: 4.707 min Scan# 1047
Delta R.T. 0.003 min
Lab File: VU050130.D
Acq: 06 Aug 2022 05:48

Tgt Ion:	43	Resp:	108088
Ion	Ratio	Lower	Upper
43	100		
72	30.6	14.0	42.0

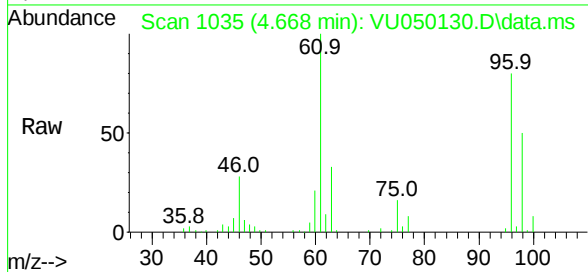


Abundance Scan 1035 (4.668 min): VU050106.D\data.ms (-1092)

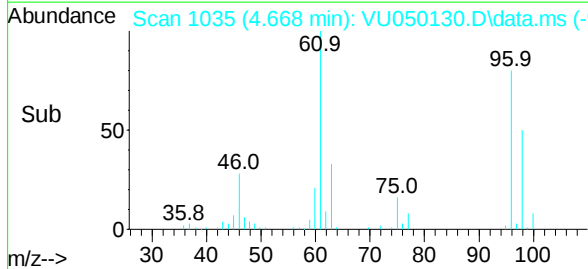
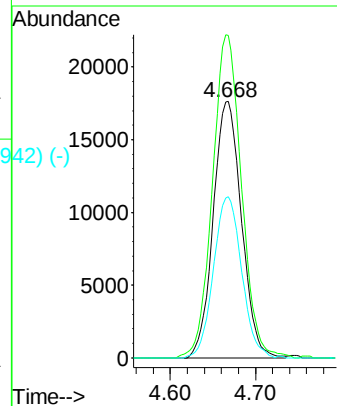


cis-1,2-Dichloroethene
Concen: 5.452 ug/L
RT: 4.668 min Scan# 1122
Delta R.T. 0.000 min
Lab File: VU050130.D
Acq: 06 Aug 2022 05:48

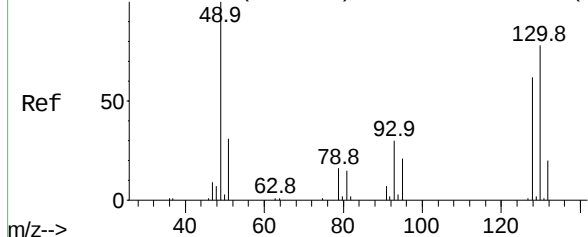
Instrument : MSVOA_U
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
96	100		
61	125.6	89.0	165.4
98	62.9	45.2	84.0

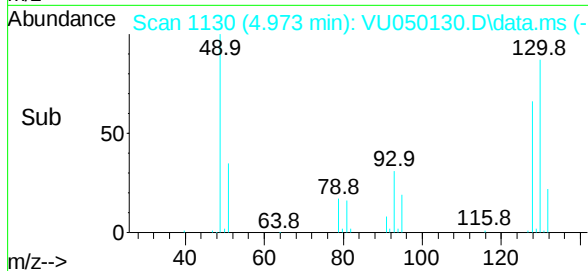
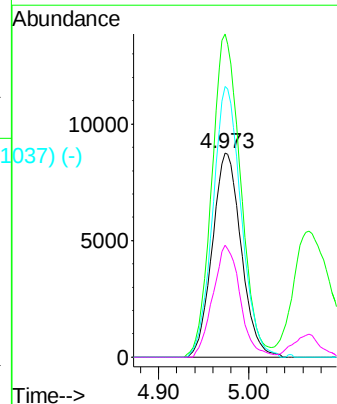
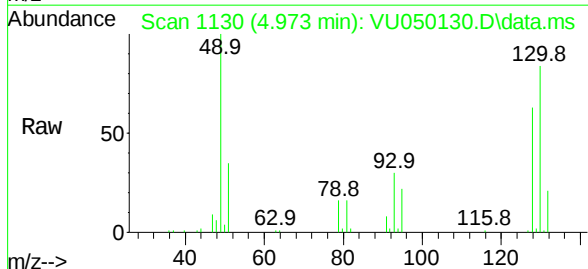


Abundance Scan 1130 (4.973 min): VU050106.D\data.ms (-1123)



Bromochloromethane
Concen: 5.488 ug/L
RT: 4.973 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VU050130.D
Acq: 06 Aug 2022 05:48

Tgt Ion	Ratio	Lower	Upper
128	100		
49	158.3	111.4	206.8
130	132.5	90.2	167.4
51	54.8	40.9	61.3



Abundance Scan 1166 (5.089 min): VU050106.D\data.ms (-11525-)

Chloroform

Concen: 5.489 ug/L

RT: 5.089 min Scan#

Delta R.T. 0.000 min

Lab File: VU050130.D

Acq: 06 Aug 2022 05:48

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83 Resp: 74221

Ion Ratio Lower Upper

83 100

85 63.9 46.1 85.5

Abundance Scan 1166 (5.089 min): VU050130.D\data.ms

Raw

m/z-->

Abundance Scan 1166 (5.089 min): VU050130.D\data.ms (-1073) (-)

Sub

m/z-->

Abundance

5.089

30000

20000

10000

0

Time-->

Abundance Scan 1386 (5.796 min): VU050106.D\data.ms (-13727-)

1,2-Dichloroethane

Concen: 5.368 ug/L

RT: 5.797 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VU050130.D

Acq: 06 Aug 2022 05:48

Tgt Ion: 62 Resp: 44171

Ion Ratio Lower Upper

62 100

98 10.8 7.8 11.8

Abundance Scan 1386 (5.797 min): VU050130.D\data.ms

Raw

m/z-->

Abundance Scan 1386 (5.797 min): VU050130.D\data.ms (-1293) (-)

Sub

m/z-->

Abundance

5.797

20000

15000

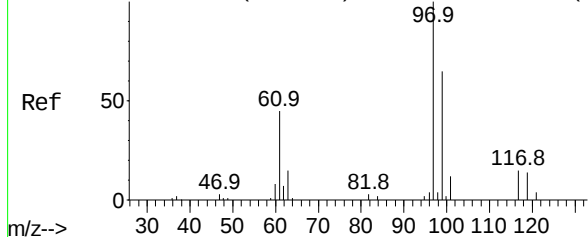
10000

5000

0

Time-->

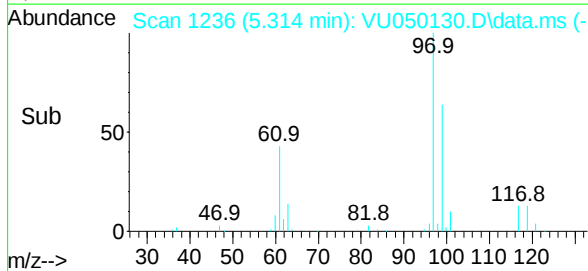
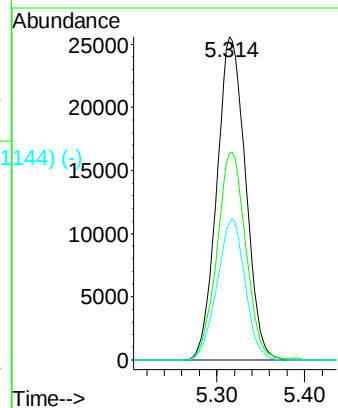
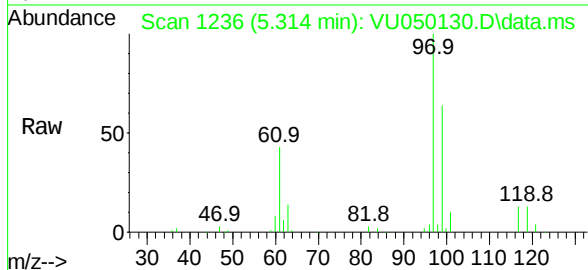
Abundance Scan 1237 (5.317 min): VU050106.D\data.ms (-1229-)



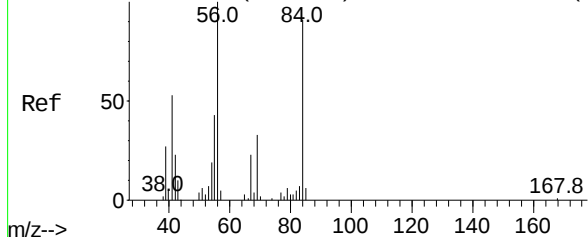
1,1,1-Trichloroethane
Concen: 5.584 ug/L
RT: 5.314 min Scan# 1237
Delta R.T. -0.003 min
Lab File: VU050130.D
Acq: 06 Aug 2022 05:48

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:	97	Resp:	57998
Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.5	77.3
61	42.6	34.2	51.4

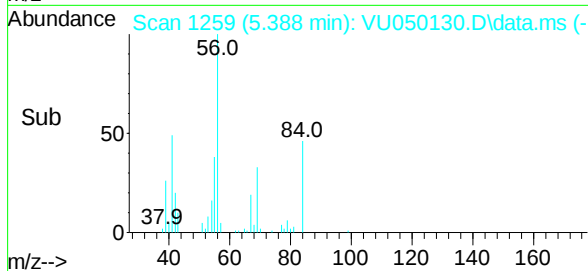
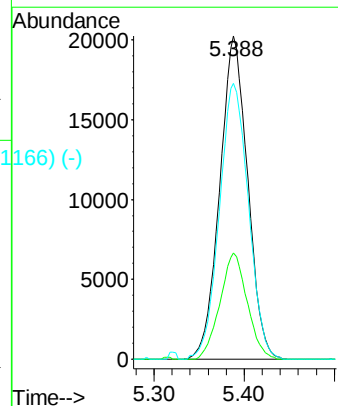
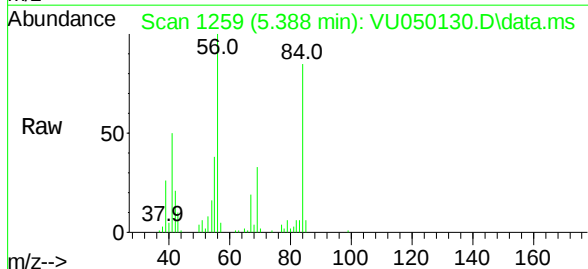


Abundance Scan 1259 (5.388 min): VU050106.D\data.ms (-1242-)



Cyclohexane
Concen: 4.817 ug/L
RT: 5.388 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VU050130.D
Acq: 06 Aug 2022 05:48

Tgt Ion:	56	Resp:	43592
Ion	Ratio	Lower	Upper
56	100		
69	32.1	24.6	37.0
84	88.9	69.1	103.7



Abundance Scan 1301 (5.523 min): VU050106.D\data.ms (-1268) (-)

Carbon tetrachloride

Concen: 5.367 ug/L

RT: 5.523 min Scan# 1301

Delta R.T. 0.000 min

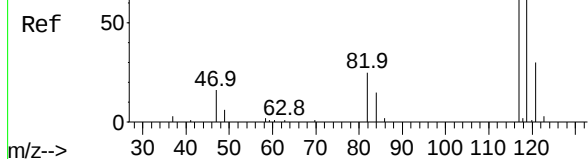
Lab File: VU050130.D

Acq: 06 Aug 2022 05:48

Instrument :

MSVOA_U

ClientSampleId :

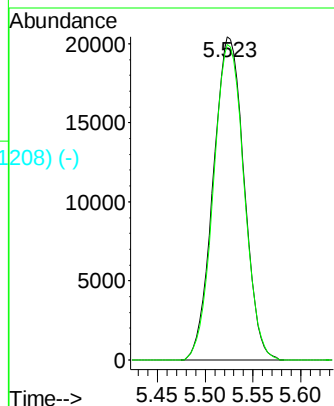
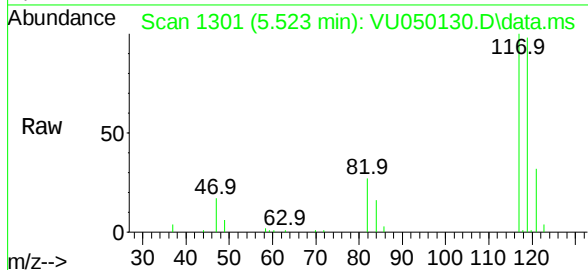


Tgt Ion: 117 Resp: 45692

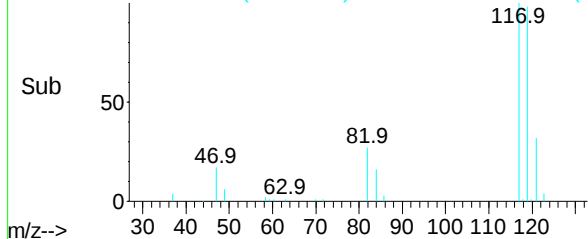
Ion Ratio Lower Upper

117 100

119 97.0 76.0 114.0



Abundance Scan 1301 (5.523 min): VU050130.D\data.ms (-1208) (-)



Abundance Scan 1379 (5.774 min): VU050106.D\data.ms (-1353) (-)

Benzene

Concen: 5.436 ug/L

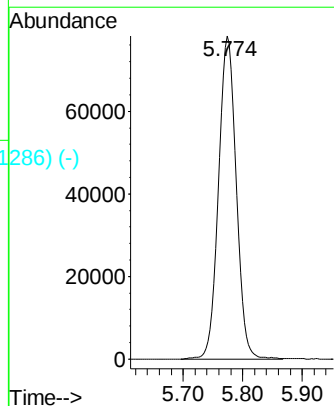
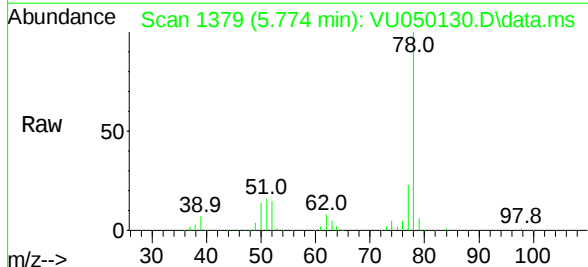
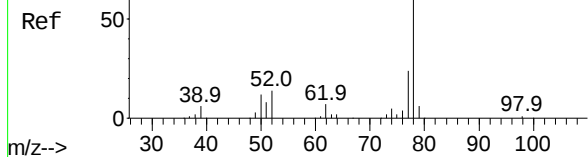
RT: 5.774 min Scan# 1379

Delta R.T. 0.000 min

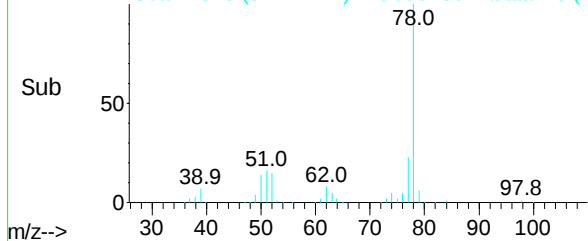
Lab File: VU050130.D

Acq: 06 Aug 2022 05:48

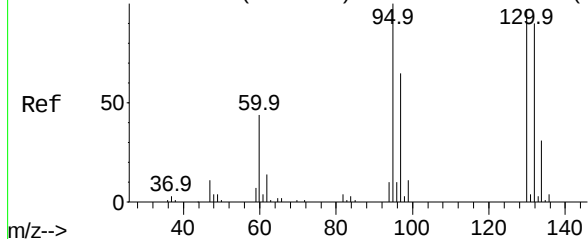
Tgt Ion: 78 Resp: 161236



Abundance Scan 1379 (5.774 min): VU050130.D\data.ms (-1286) (-)



Abundance Scan 1618 (6.542 min): VU050106.D\data.ms (-16034-)



Trichloroethene

Concen: 5.117 ug/L

RT: 6.542 min Scan#

Delta R.T. 0.000 min

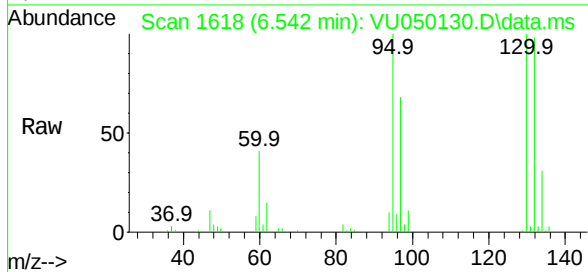
Lab File: VU050130.D

Acq: 06 Aug 2022 05:48

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 95 Resp: 36707

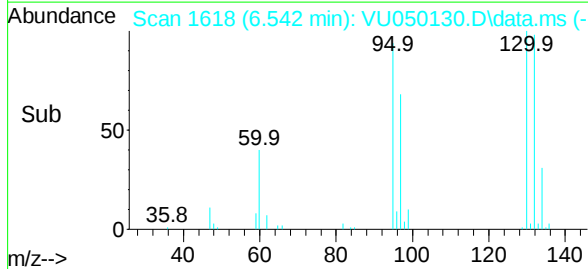
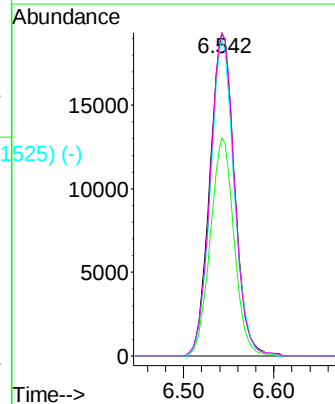
Ion Ratio Lower Upper

95 100

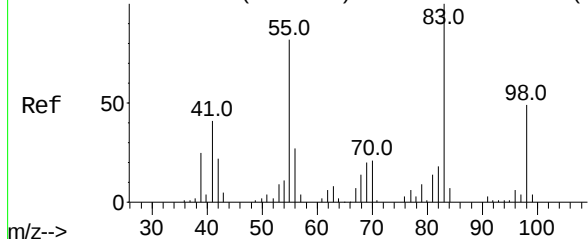
97 67.6 45.6 84.8

132 97.9 65.0 120.6

130 99.9 69.3 128.7



Abundance Scan 1687 (6.764 min): VU050106.D\data.ms (-16745-)



Methylcyclohexane

Concen: 4.815 ug/L

RT: 6.761 min Scan# 1686

Delta R.T. -0.003 min

Lab File: VU050130.D

Acq: 06 Aug 2022 05:48

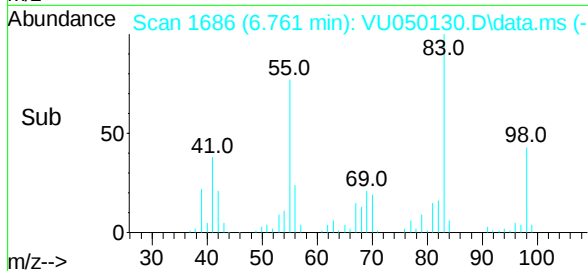
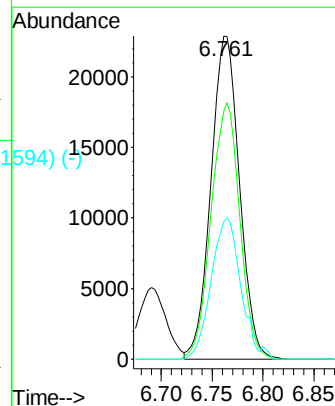
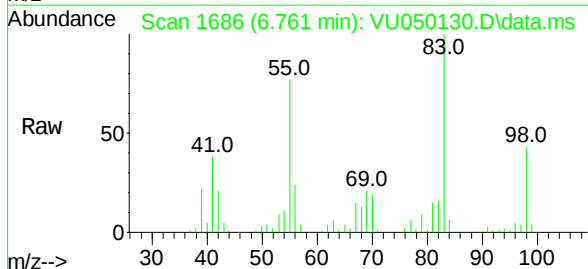
Tgt Ion: 83 Resp: 44593

Ion Ratio Lower Upper

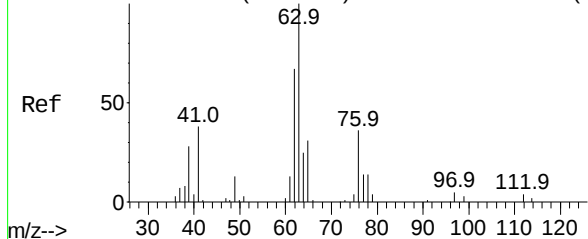
83 100

55 79.9 62.7 94.1

98 44.6 36.2 54.2



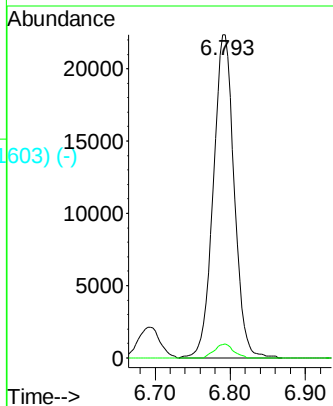
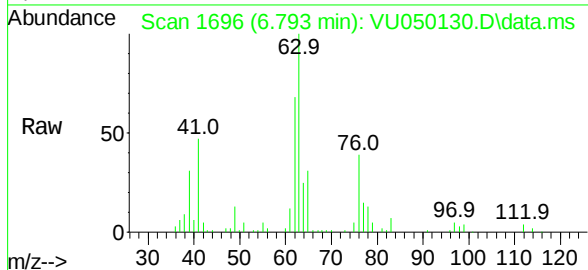
Abundance Scan 1696 (6.793 min): VU050106.D\data.ms (-1679) (-)



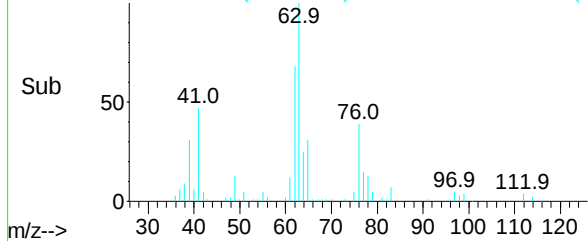
1,2-Dichloropropane
Concen: 5.448 ug/L
RT: 6.793 min Scan# 1696
Delta R.T. 0.000 min
Lab File: VU050130.D
Acq: 06 Aug 2022 05:48

Instrument :
MSVOA_U
ClientSampleId :

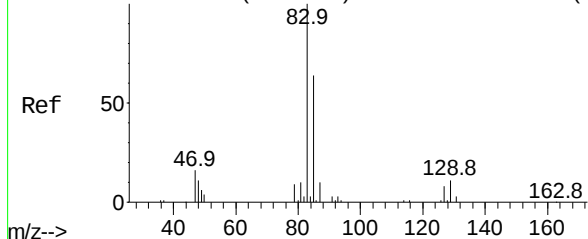
Tgt Ion: 63 Resp: 43043
Ion Ratio Lower Upper
63 100
112 3.9 3.0 4.4



Abundance Scan 1696 (6.793 min): VU050130.D\data.ms (-1603) (-)

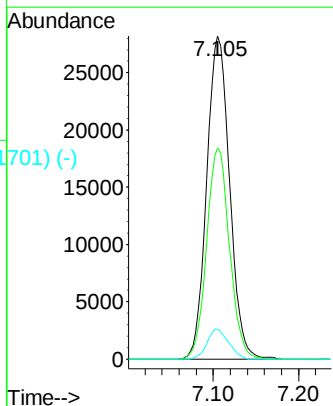
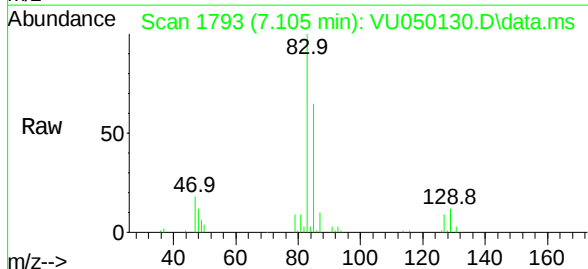


Abundance Scan 1794 (7.108 min): VU050106.D\data.ms (-1709) (-)

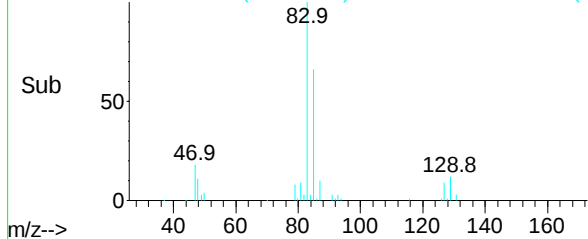


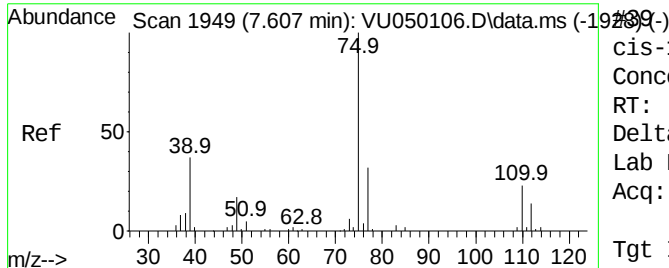
Bromodichloromethane
Concen: 5.471 ug/L
RT: 7.105 min Scan# 1793
Delta R.T. -0.003 min
Lab File: VU050130.D
Acq: 06 Aug 2022 05:48

Tgt Ion: 83 Resp: 52509
Ion Ratio Lower Upper
83 100
85 65.4 45.1 83.7
127 9.2 6.8 10.2



Abundance Scan 1793 (7.105 min): VU050130.D\data.ms (-1701) (-)

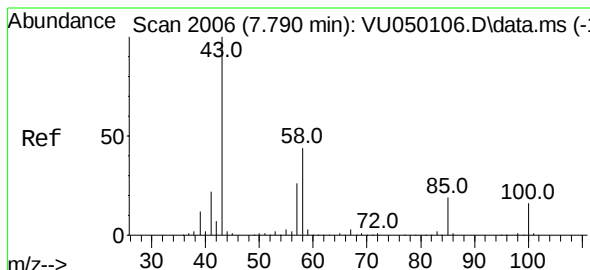
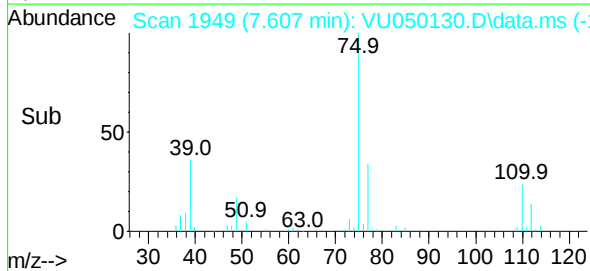
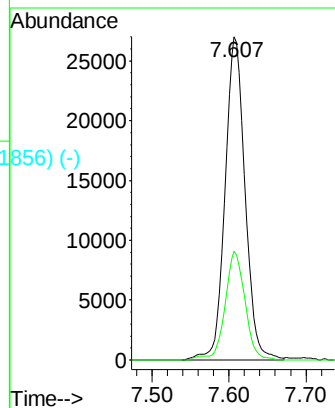
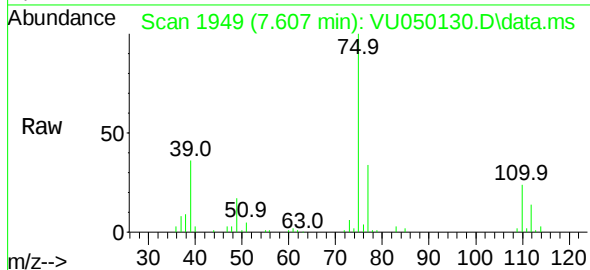




cis-1,3-Dichloropropene
Concen: 4.724 ug/L
RT: 7.607 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VU050130.D
Acq: 06 Aug 2022 05:48

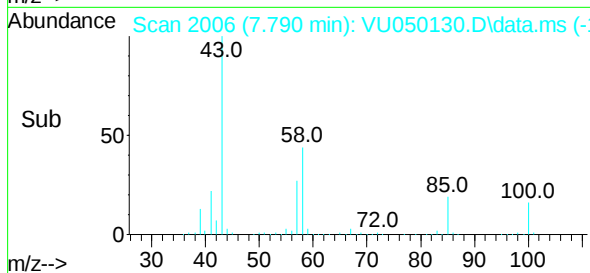
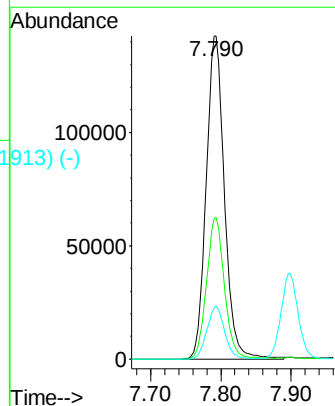
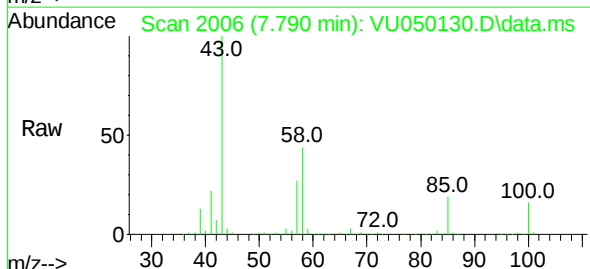
Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 48715
Ion Ratio Lower Upper
75 100
77 33.6 21.8 40.4

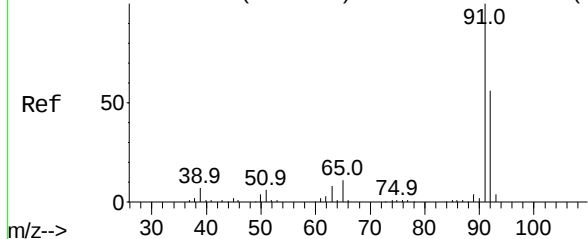


4-Methyl-2-pentanone
Concen: 55.965 ug/L
RT: 7.790 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VU050130.D
Acq: 06 Aug 2022 05:48

Tgt Ion: 43 Resp: 256119
Ion Ratio Lower Upper
43 100
58 43.3 34.6 51.8
100 16.0 13.0 19.4



Abundance Scan 2062 (7.970 min): VU050106.D\data.ms (-2042)



Toluene

Concen: 5.401 ug/L

RT: 7.970 min Scan# 2119

Delta R.T. 0.000 min

Lab File: VU050130.D

Acq: 06 Aug 2022 05:48

Instrument :

MSVOA_U

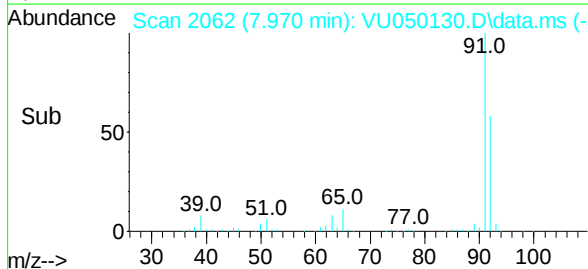
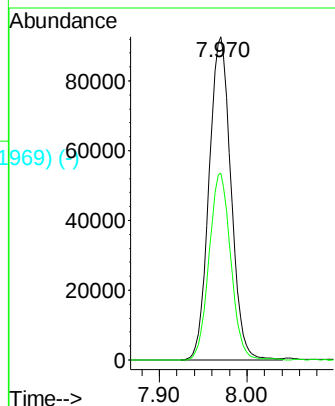
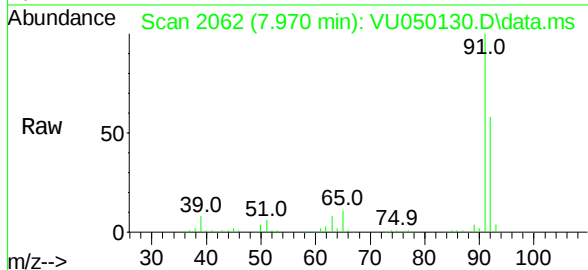
ClientSampleId :

Tgt Ion: 91 Resp: 160678

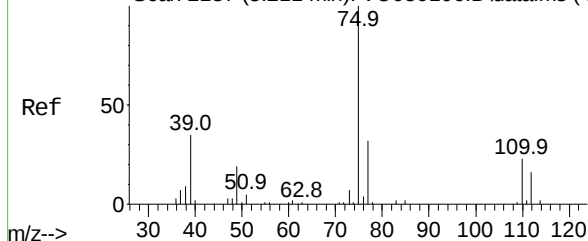
Ion Ratio Lower Upper

91 100

92 57.7 39.8 74.0



Abundance Scan 2137 (8.211 min): VU050106.D\data.ms (-2144)



trans-1,3-Dichloropropene

Concen: 4.800 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU050130.D

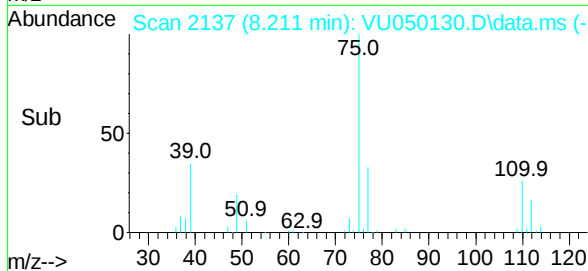
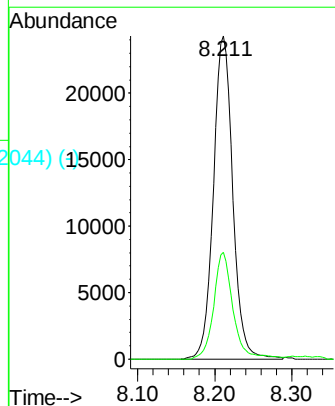
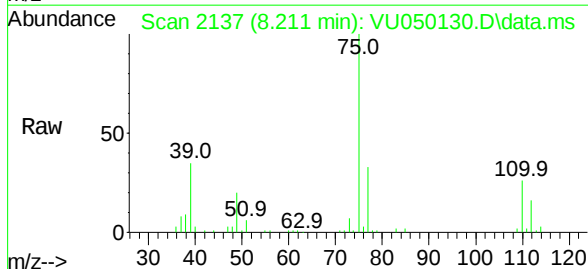
Acq: 06 Aug 2022 05:48

Tgt Ion: 75 Resp: 42453

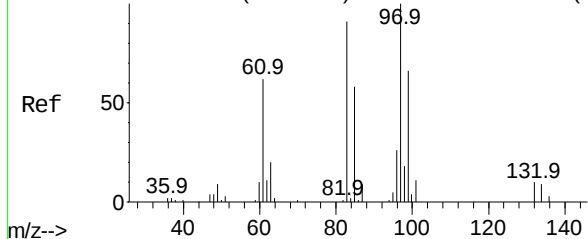
Ion Ratio Lower Upper

75 100

77 33.1 22.0 40.8

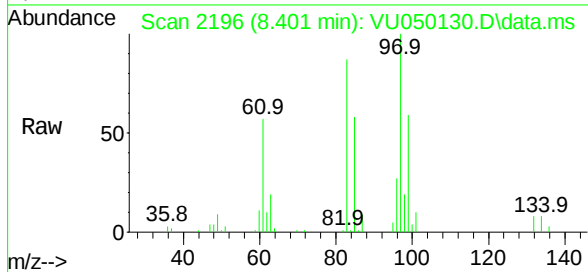


Abundance Scan 2196 (8.401 min): VU050106.D\data.ms (-2105) (-)

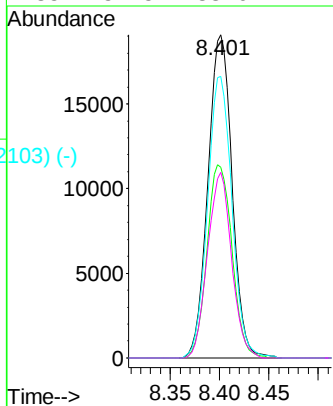


1,1,2-Trichloroethane
Concen: 5.517 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU050130.D
Acq: 06 Aug 2022 05:48

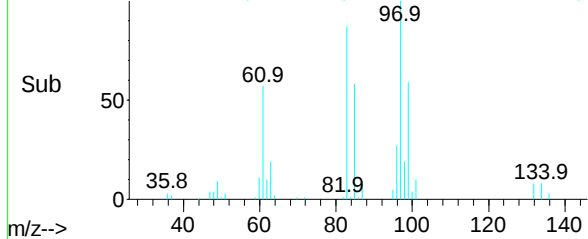
Instrument :
MSVOA_U
ClientSampleId :



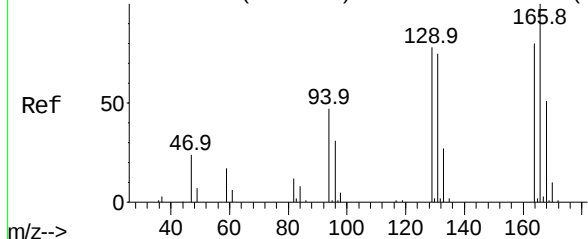
Tgt Ion:	97	Resp:	32584
Ion	Ratio	Lower	Upper
97	100		
99	58.9	42.2	78.4
83	87.1	59.6	110.6
85	57.5	38.6	71.8



Abundance Scan 2196 (8.401 min): VU050130.D\data.ms (-2103) (-)

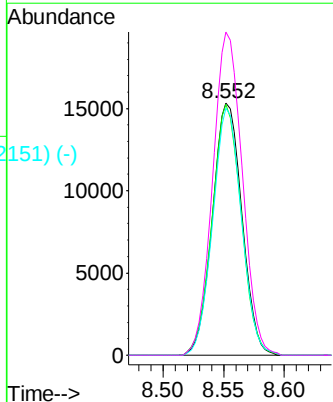
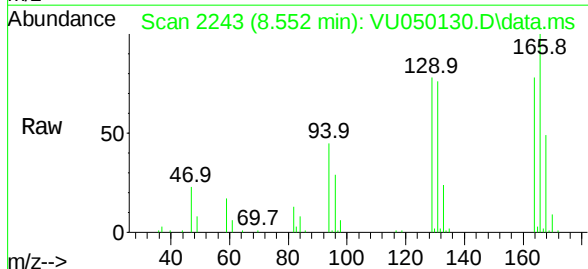


Abundance Scan 2244 (8.552 min): VU050106.D\data.ms (-2239) (-)

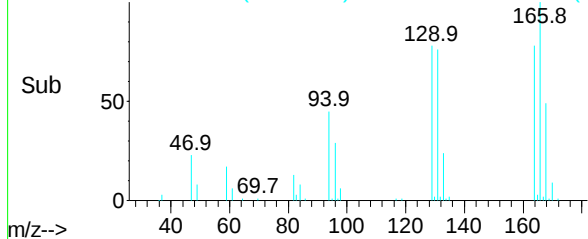


Tetrachloroethene
Concen: 5.016 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.003 min
Lab File: VU050130.D
Acq: 06 Aug 2022 05:48

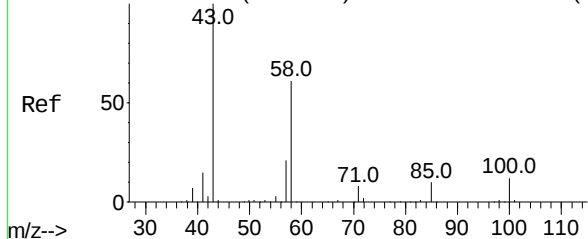
Tgt Ion:	164	Resp:	25783
Ion	Ratio	Lower	Upper
164	100		
129	99.5	69.0	128.1
131	97.8	65.8	122.2
166	128.1	86.1	159.9



Abundance Scan 2243 (8.552 min): VU050130.D\data.ms (-2151) (-)

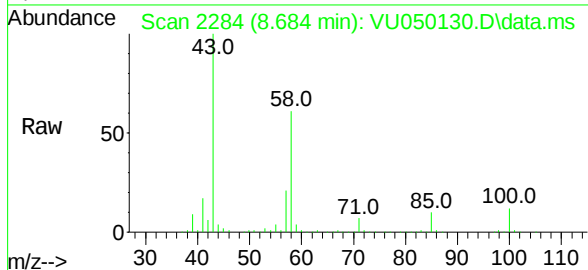


Abundance Scan 2284 (8.684 min): VU050106.D\data.ms (-2279) (-)

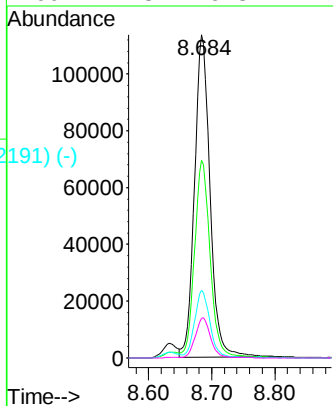
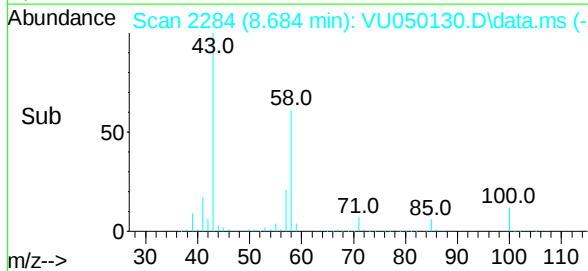


2-Hexanone
Concen: 55.003 ug/L
RT: 8.684 min Scan# 2284
Delta R.T. 0.000 min
Lab File: VU050130.D
Acq: 06 Aug 2022 05:48

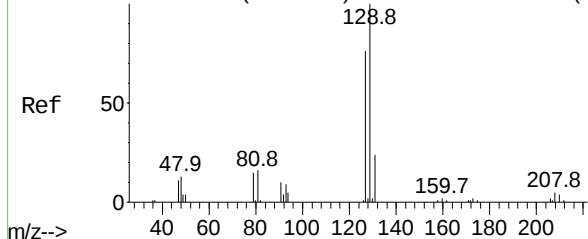
Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	43	Resp:	194687
Ion	Ratio	Lower	Upper
43	100		
58	61.1	50.6	76.0
57	20.6	16.0	24.0
100	11.8	9.8	14.8

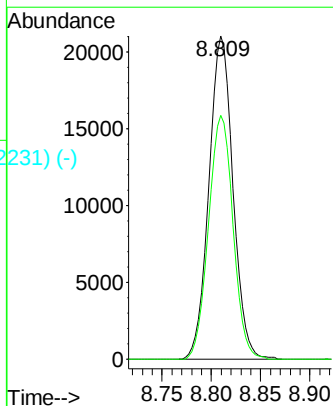
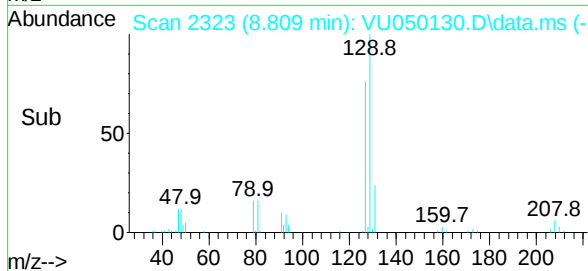
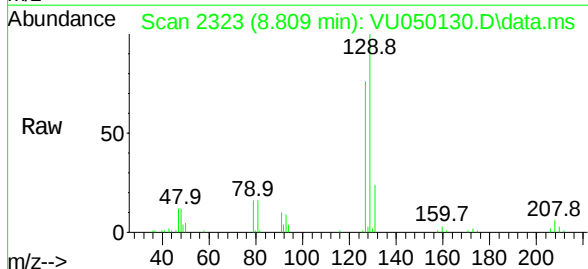


Abundance Scan 2324 (8.812 min): VU050106.D\data.ms (-2319) (-)

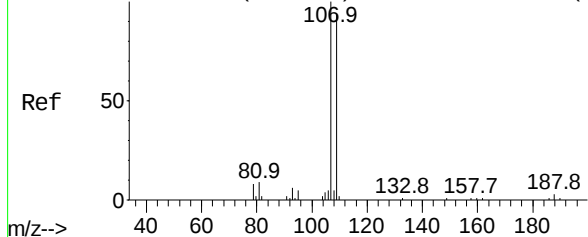


Dibromochloromethane
Concen: 5.482 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VU050130.D
Acq: 06 Aug 2022 05:48

Tgt Ion:	129	Resp:	35837
Ion	Ratio	Lower	Upper
129	100		
127	75.5	55.3	102.7



Abundance Scan 2359 (8.925 min): VU050106.D\data.ms (-2345) (-)



1,2-Dibromoethane

Concen: 5.674 ug/L

RT: 8.925 min Scan# 2359

Delta R.T. 0.000 min

Lab File: VU050130.D

Acq: 06 Aug 2022 05:48

Instrument :

MSVOA_U

ClientSampleId :

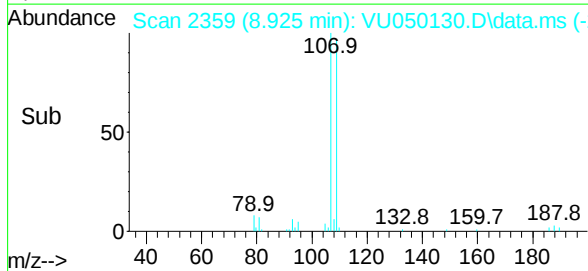
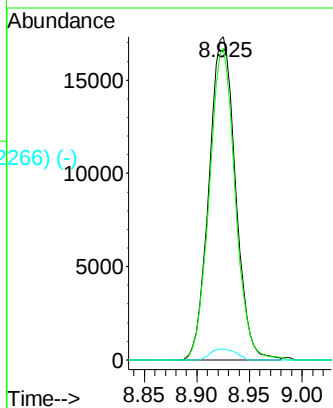
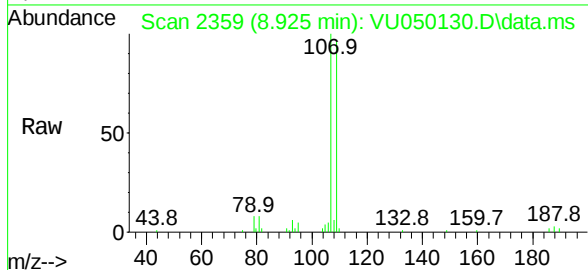
Tgt Ion:107 Resp: 30385

Ion Ratio Lower Upper

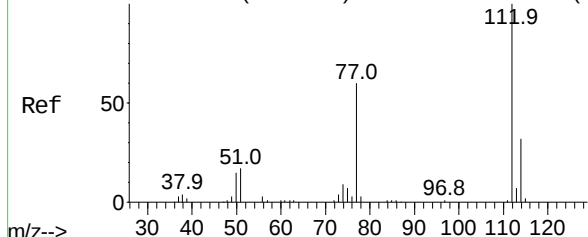
107 100

109 96.4 66.6 123.6

188 3.3 2.7 4.1



Abundance Scan 2522 (9.449 min): VU050106.D\data.ms (-2505) (-)



Chlorobenzene

Concen: 5.044 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. -0.003 min

Lab File: VU050130.D

Acq: 06 Aug 2022 05:48

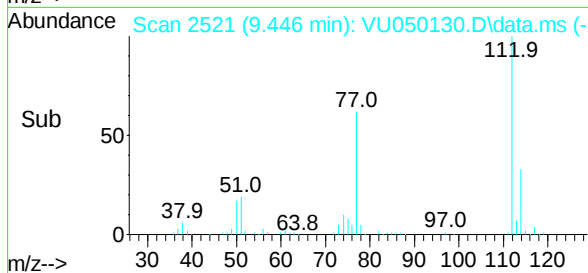
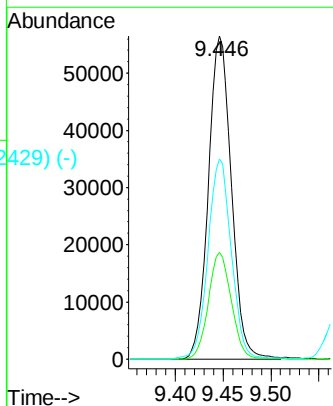
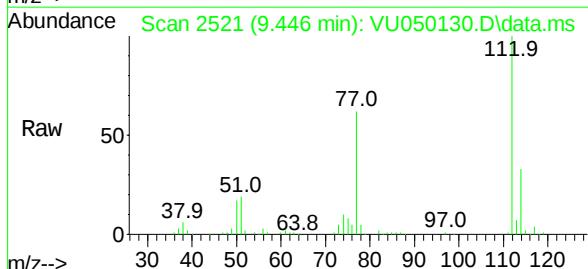
Tgt Ion:112 Resp: 94410

Ion Ratio Lower Upper

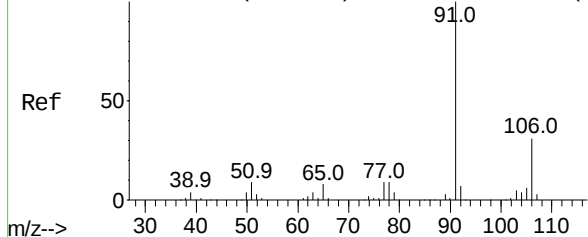
112 100

114 33.1 22.1 41.1

77 62.1 46.3 69.5



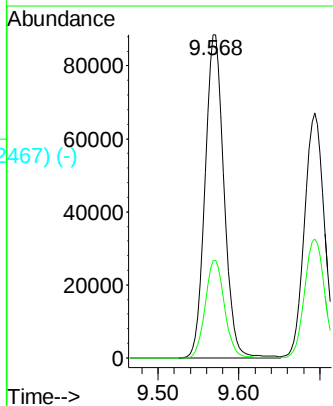
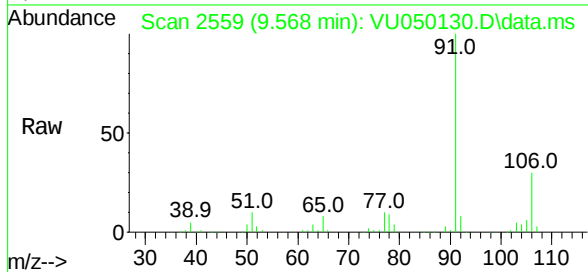
Abundance Scan 2560 (9.571 min): VU050106.D\data.ms (-25452-)



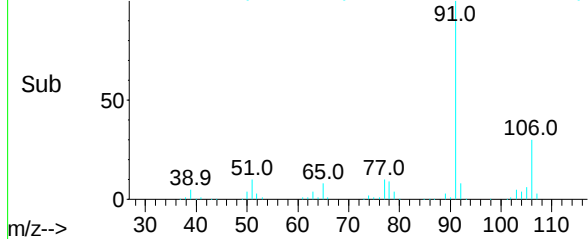
Ethylbenzene
Concen: 4.993 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. -0.003 min
Lab File: VU050130.D
Acq: 06 Aug 2022 05:48

Instrument :
MSVOA_U
ClientSampleId :

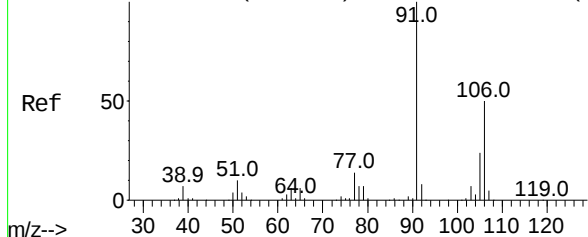
Tgt Ion: 91 Resp: 144938
Ion Ratio Lower Upper
91 100
106 30.1 21.3 39.5



Abundance Scan 2559 (9.568 min): VU050130.D\data.ms (-2467-)

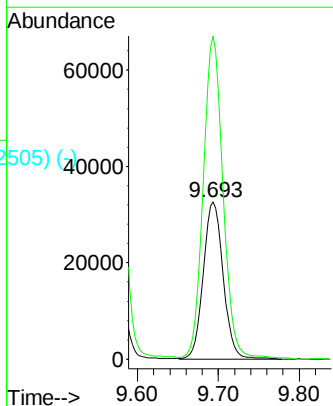
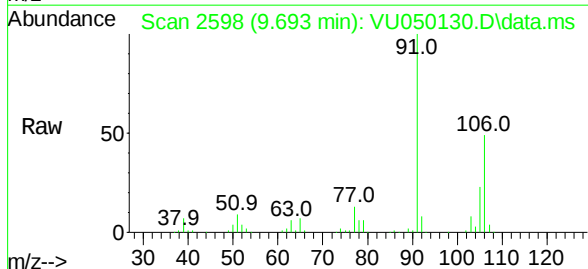


Abundance Scan 2598 (9.693 min): VU050106.D\data.ms (-25453-)

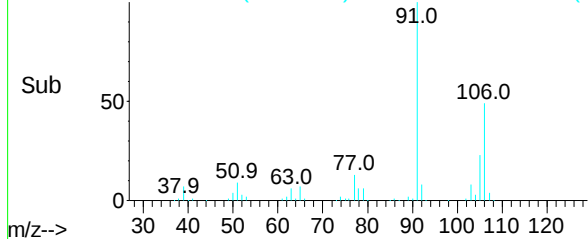


m,p-Xylene
Concen: 5.260 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU050130.D
Acq: 06 Aug 2022 05:48

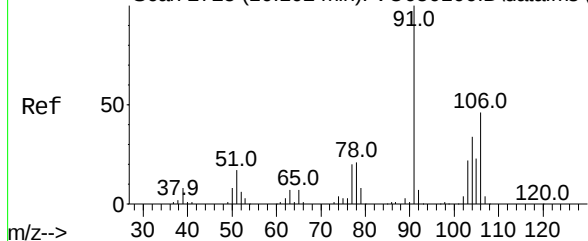
Tgt Ion:106 Resp: 56235
Ion Ratio Lower Upper
106 100
91 205.6 143.1 265.9



Abundance Scan 2598 (9.693 min): VU050130.D\data.ms (-2505-)



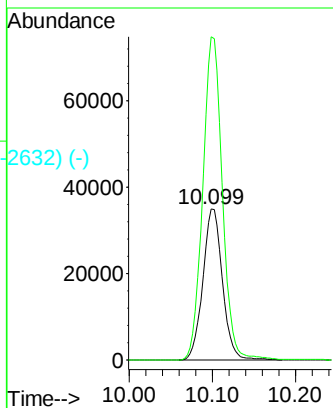
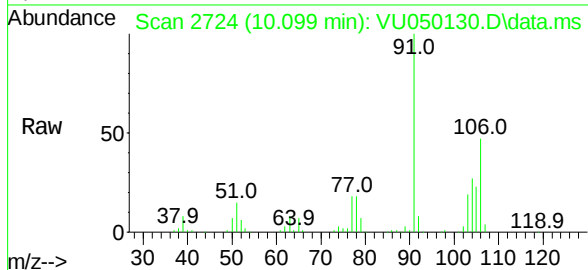
Abundance Scan 2725 (10.102 min): VU050106.D\data.ms (-2754) (-)



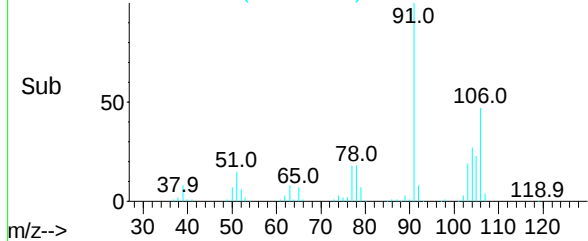
o-Xylene
Concen: 5.337 ug/L
RT: 10.099 min Scan# 2725
Delta R.T. -0.003 min
Lab File: VU050130.D
Acq: 06 Aug 2022 05:48

Instrument :
MSVOA_U
ClientSampleId :

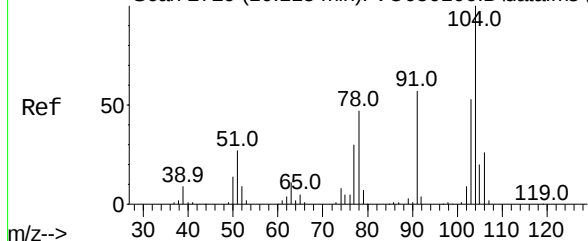
Tgt Ion:106 Resp: 56955
Ion Ratio Lower Upper
106 100
91 214.1 149.4 277.4



Abundance Scan 2724 (10.099 min): VU050130.D\data.ms (-2632) (-)

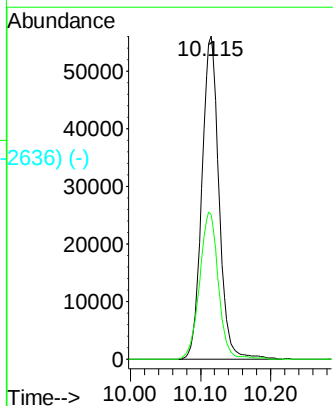
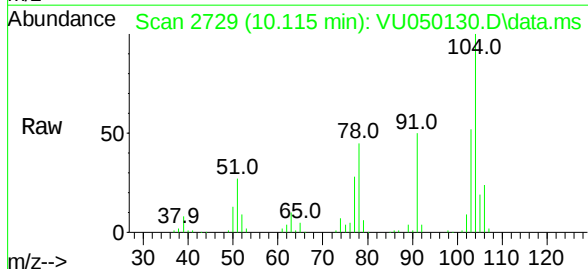


Abundance Scan 2729 (10.115 min): VU050106.D\data.ms (-2755) (-)

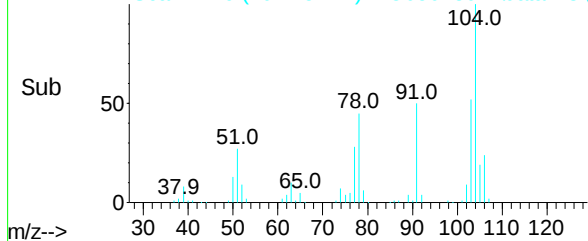


Styrene
Concen: 5.284 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU050130.D
Acq: 06 Aug 2022 05:48

Tgt Ion:104 Resp: 94198
Ion Ratio Lower Upper
104 100
78 44.8 31.9 59.3



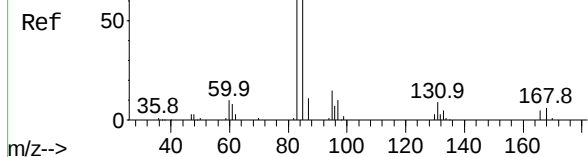
Abundance Scan 2729 (10.115 min): VU050130.D\data.ms (-2636) (-)



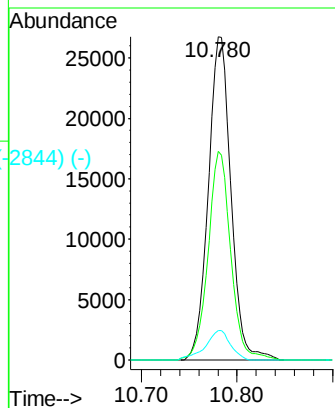
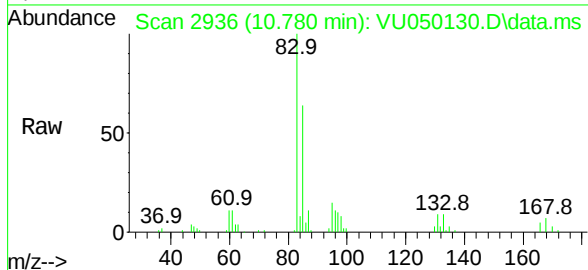
Abundance Scan 2937 (10.783 min): VU050106.D\data.ms (-2957) (-)

1,1,2,2-Tetrachloroethane
Concen: 5.652 ug/L
RT: 10.780 min Scan# 2936
Delta R.T. -0.003 min
Lab File: VU050130.D
Acq: 06 Aug 2022 05:48

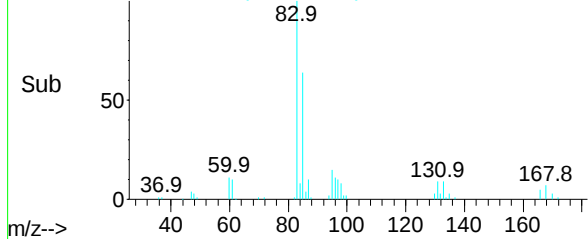
Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	83	Resp:	43864
Ion	Ratio	Lower	Upper
83	100		
85	64.5	45.2	84.0
131	9.1	6.6	9.8



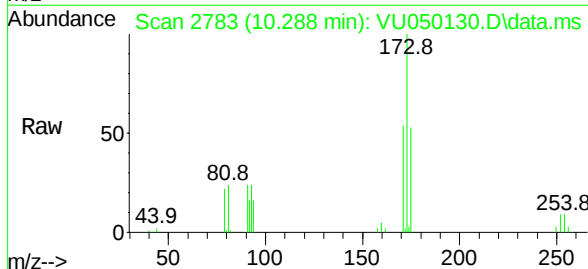
Abundance Scan 2936 (10.780 min): VU050130.D\data.ms (-2844) (-)



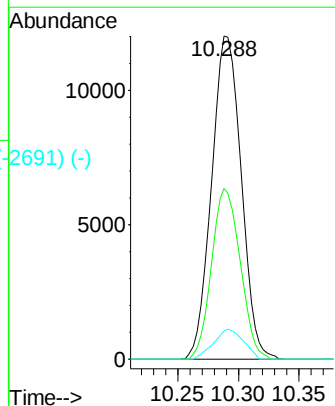
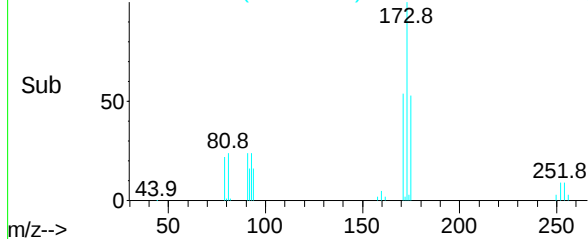
Abundance Scan 2784 (10.291 min): VU050106.D\data.ms (-2759) (-)

Bromoform
Concen: 5.084 ug/L
RT: 10.288 min Scan# 2783
Delta R.T. -0.003 min
Lab File: VU050130.D
Acq: 06 Aug 2022 05:48

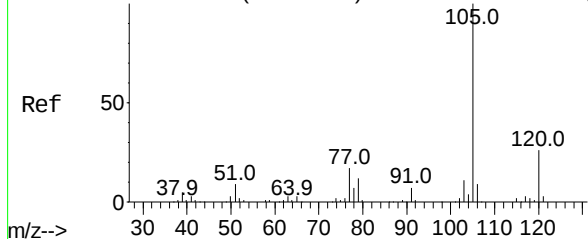
Tgt Ion:	173	Resp:	20346
Ion	Ratio	Lower	Upper
173	100		
175	50.9	37.0	55.6
254	9.3	7.4	11.0



Abundance Scan 2783 (10.288 min): VU050130.D\data.ms (-2691) (-)



Abundance Scan 2844 (10.484 min): VU050106.D\data.ms (-256) (-)



Isopropylbenzene

Concen: 4.997 ug/L

RT: 10.484 min Scan# 2844

Delta R.T. 0.000 min

Lab File: VU050130.D

Acq: 06 Aug 2022 05:48

Instrument :

MSVOA_U

ClientSampleId :

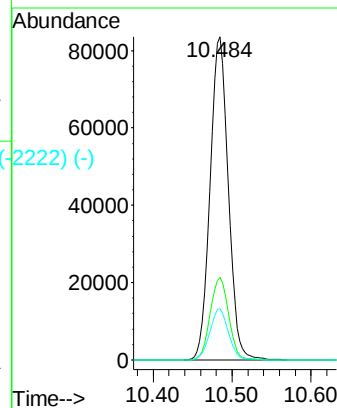
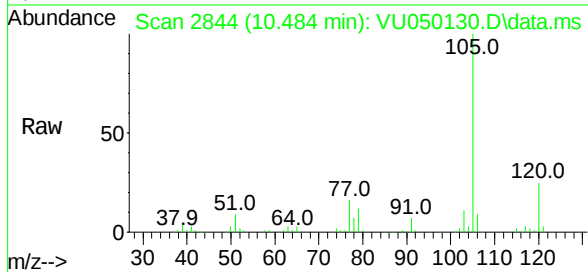
Tgt Ion:105 Resp: 133158

Ion Ratio Lower Upper

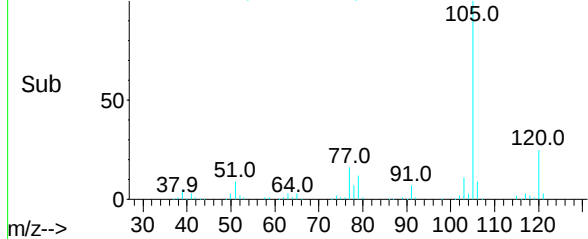
105 100

120 25.8 20.8 31.2

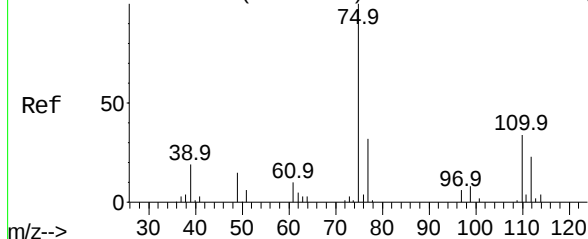
77 16.2 12.6 19.0



Abundance Scan 2844 (10.484 min): VU050130.D\data.ms (-2222) (-)



Abundance Scan 2949 (10.822 min): VU050106.D\data.ms (-256) (-)



1,2,3-Trichloropropane

Concen: 5.391 ug/L

RT: 10.822 min Scan# 2949

Delta R.T. 0.000 min

Lab File: VU050130.D

Acq: 06 Aug 2022 05:48

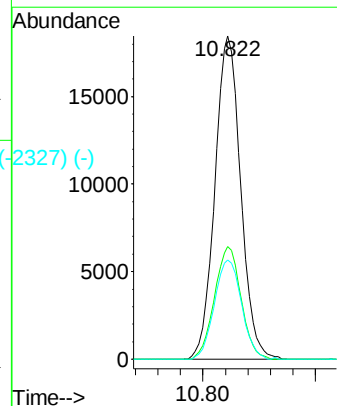
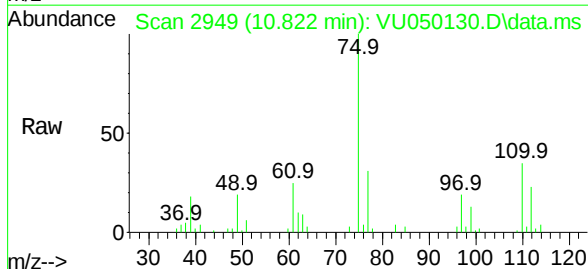
Tgt Ion: 75 Resp: 29304

Ion Ratio Lower Upper

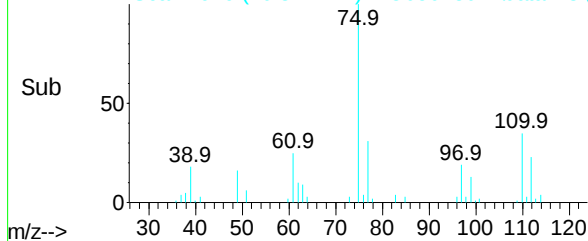
75 100

110 35.7 28.5 42.7

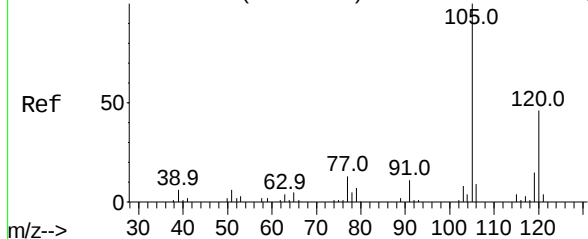
77 32.3 25.8 38.6



Abundance Scan 2949 (10.822 min): VU050130.D\data.ms (-2327) (-)



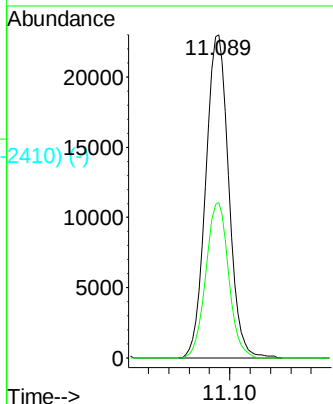
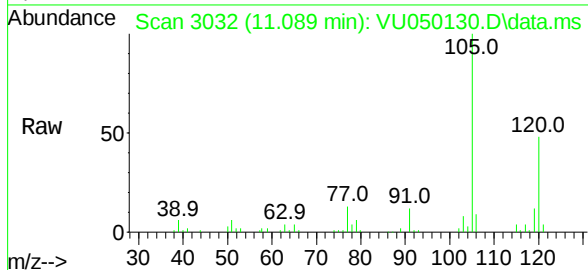
Abundance Scan 3032 (11.089 min): VU050106.D\data.ms (-3032) (-)



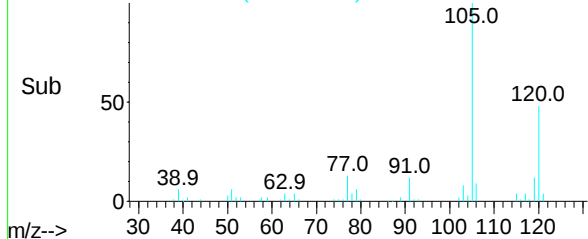
1,3,5-Trimethylbenzene
Concen: 4.781 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU050130.D
Acq: 06 Aug 2022 05:48

Instrument :
MSVOA_U
ClientSampleId :

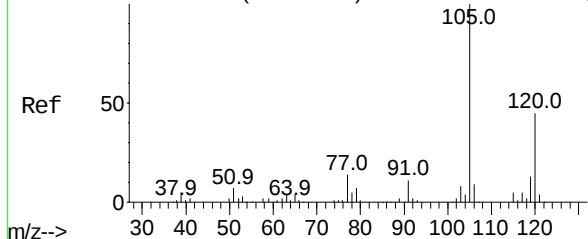
Tgt Ion:105 Resp: 35997
Ion Ratio Lower Upper
105 100
120 47.5 38.9 58.3



Abundance Scan 3032 (11.089 min): VU050130.D\data.ms (-2410) (-)

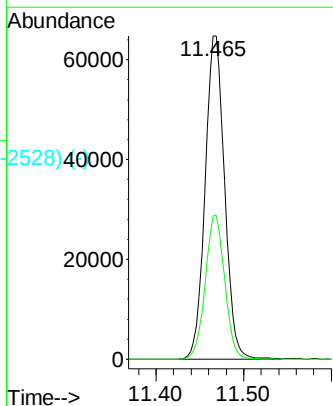
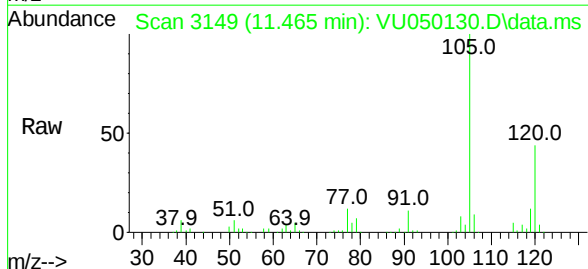


Abundance Scan 3150 (11.468 min): VU050106.D\data.ms (-3150) (-)

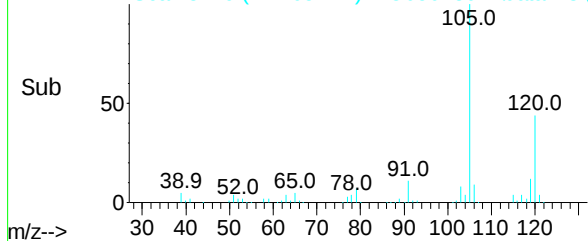


1,2,4-Trimethylbenzene
Concen: 4.868 ug/L
RT: 11.465 min Scan# 3149
Delta R.T. -0.003 min
Lab File: VU050130.D
Acq: 06 Aug 2022 05:48

Tgt Ion:105 Resp: 99862
Ion Ratio Lower Upper
105 100
120 44.4 35.9 53.9



Abundance Scan 3149 (11.465 min): VU050130.D\data.ms (-2528) (-)



Abundance Scan 3236 (11.745 min): VU050106.D\data.ms (-3236) (-)

1,3-Dichlorobenzene

Concen: 5.051 ug/L

RT: 11.745 min Scan# 3236

Delta R.T. 0.000 min

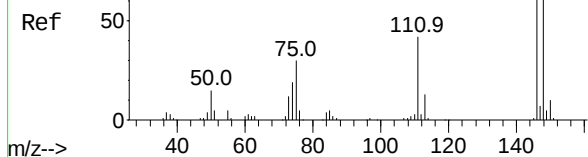
Lab File: VU050130.D

Acq: 06 Aug 2022 05:48

Instrument :

MSVOA_U

ClientSampleId :



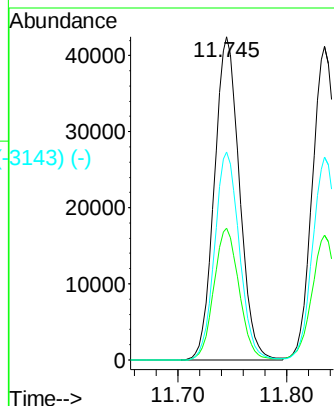
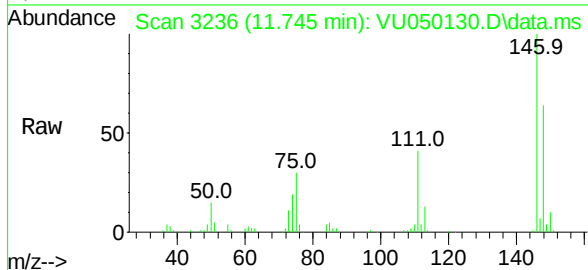
Tgt Ion:146 Resp: 67842

Ion Ratio Lower Upper

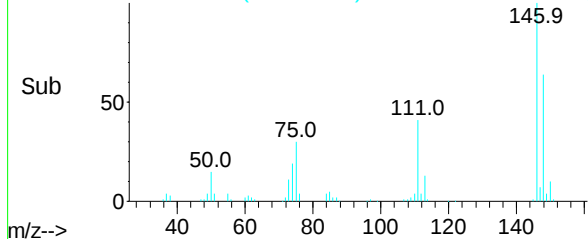
146 100

111 40.8 29.9 55.5

148 64.3 45.8 85.2



Abundance Scan 3236 (11.745 min): VU050130.D\data.ms (-3143) (-)



Abundance Scan 3265 (11.838 min): VU050106.D\data.ms (-3265) (-)

1,4-Dichlorobenzene

Concen: 5.121 ug/L

RT: 11.835 min Scan# 3264

Delta R.T. -0.003 min

Lab File: VU050130.D

Acq: 06 Aug 2022 05:48

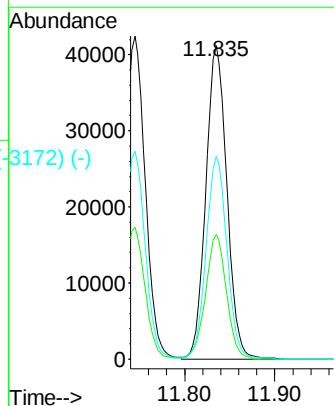
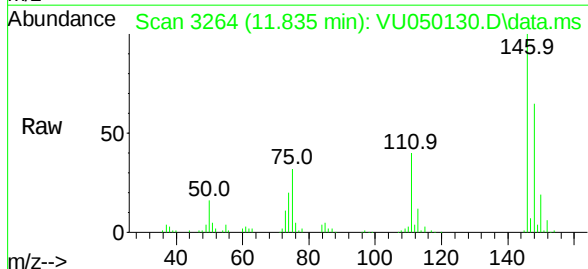
Tgt Ion:146 Resp: 66934

Ion Ratio Lower Upper

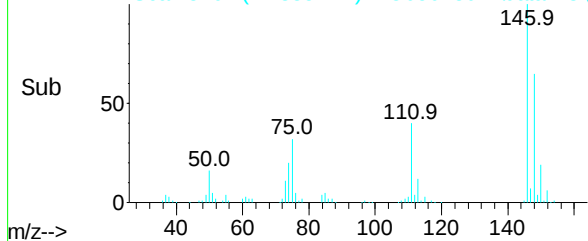
146 100

111 39.7 28.1 52.1

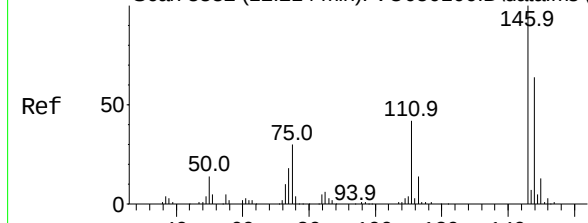
148 64.7 44.6 82.8



Abundance Scan 3264 (11.835 min): VU050130.D\data.ms (-3172) (-)



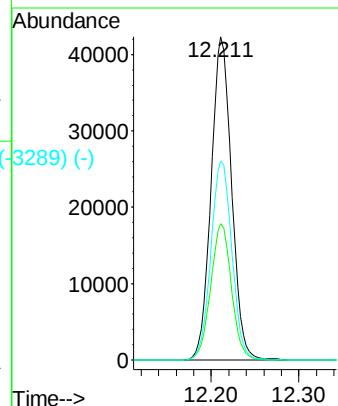
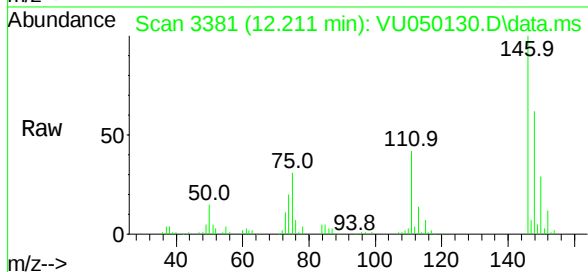
Abundance Scan 3382 (12.214 min): VU050106.D\data.ms (-3382) (-)



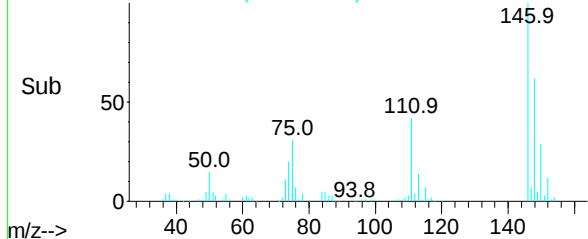
1,2-Dichlorobenzene
Concen: 5.257 ug/L
RT: 12.211 min Scan# 3382
Delta R.T. -0.003 min
Lab File: VU050130.D
Acq: 06 Aug 2022 05:48

Instrument :
MSVOA_U
ClientSampleId :

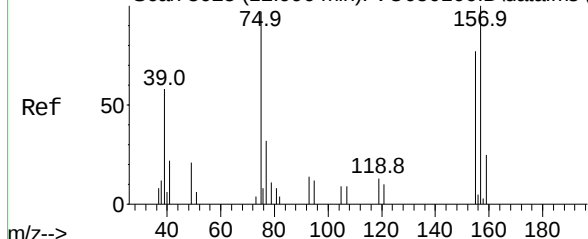
Tgt Ion:	146	Resp:	68379
Ion	Ratio	Lower	Upper
146	100		
111	42.2	32.9	49.3
148	61.6	50.4	75.6



Abundance Scan 3381 (12.211 min): VU050130.D\data.ms (-3289) (-)

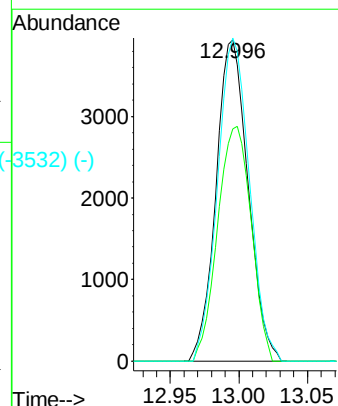
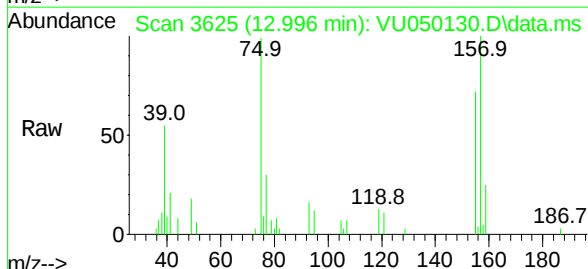


Abundance Scan 3625 (12.996 min): VU050106.D\data.ms (-3625) (-)

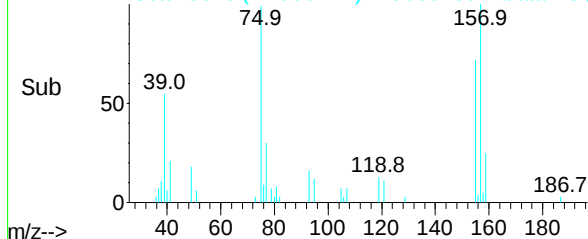


1,2-Dibromo-3-chloropropane
Concen: 6.000 ug/L
RT: 12.996 min Scan# 3625
Delta R.T. 0.000 min
Lab File: VU050130.D
Acq: 06 Aug 2022 05:48

Tgt Ion:	75	Resp:	6395
Ion	Ratio	Lower	Upper
75	100		
155	72.3	63.5	95.3
157	100.5	85.0	127.6



Abundance Scan 3625 (12.996 min): VU050130.D\data.ms (-3532) (-)



Abundance Scan 3695 (13.221 min): VU050106.D\data.ms (-3669) (-)

1,3,5-Trichlorobenzene

Concen: 4.835 ug/L

RT: 13.217 min Scan#

Delta R.T. -0.003 min

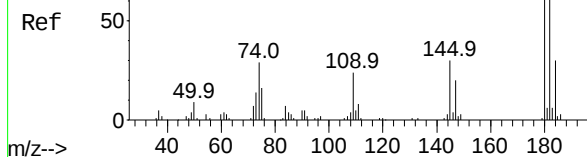
Lab File: VU050130.D

Acq: 06 Aug 2022 05:48

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 46264

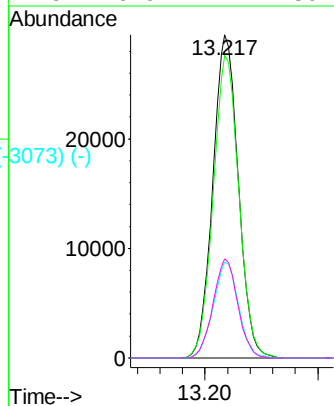
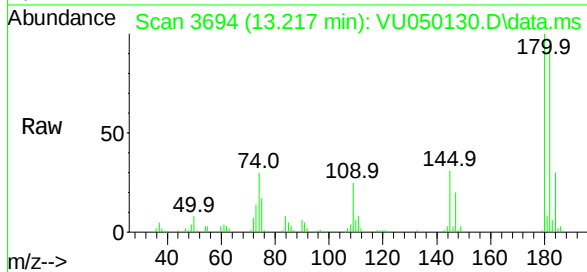
Ion Ratio Lower Upper

180 100

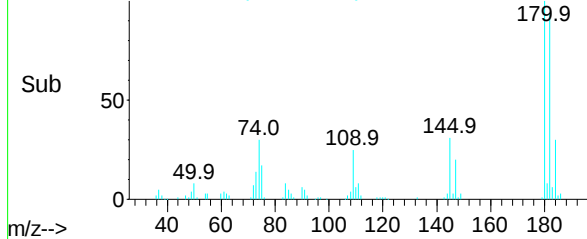
182 94.3 77.3 115.9

184 29.6 24.1 36.1

145 29.9 24.2 36.2



Abundance Scan 3694 (13.217 min): VU050130.D\data.ms (-3073) (-)



Abundance Scan 3888 (13.841 min): VU050106.D\data.ms (-3676) (-)

1,2,4-trichlorobenzene

Concen: 4.955 ug/L

RT: 13.838 min Scan# 3887

Delta R.T. -0.003 min

Lab File: VU050130.D

Acq: 06 Aug 2022 05:48

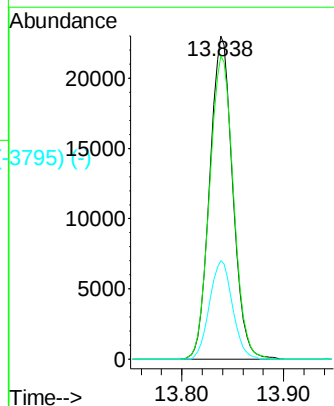
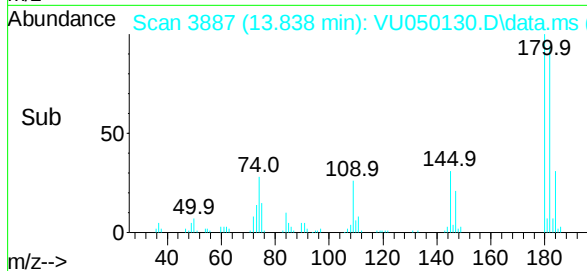
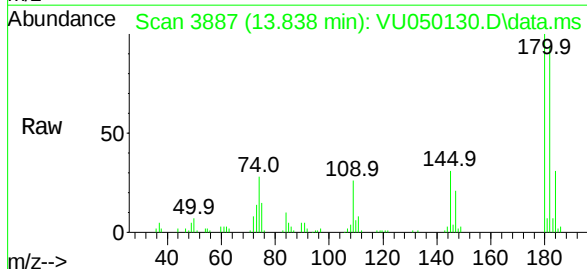
Tgt Ion:180 Resp: 35921

Ion Ratio Lower Upper

180 100

182 97.7 76.9 115.3

145 30.6 24.2 36.4



Abundance Scan 3887 (13.838 min): VU050130.D\data.ms (-3795) (-)



Abundance Scan 3965 (14.089 min): VU050106.D\data.ms (-3972) (-)

Naphthalene

Concen: 4.997 ug/L

RT: 14.086 min Scan# 3972

Delta R.T. -0.003 min

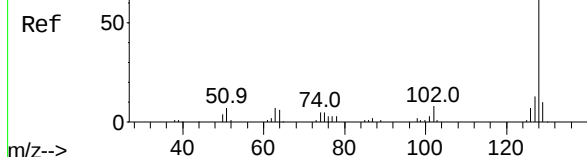
Lab File: VU050130.D

Acq: 06 Aug 2022 05:48

Instrument :

MSVOA_U

ClientSampleId :



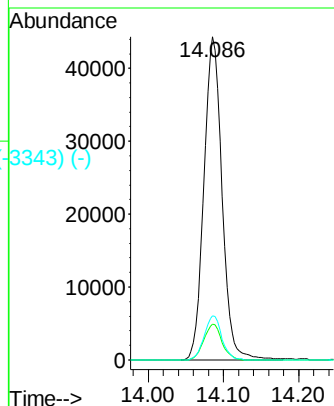
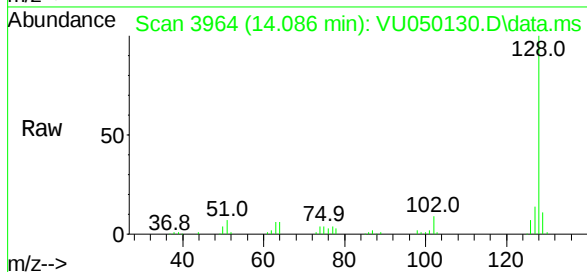
Tgt Ion:128 Resp: 74281

Ion Ratio Lower Upper

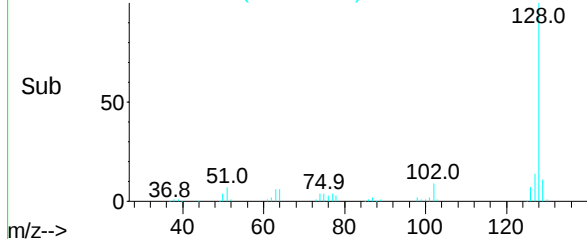
128 100

129 11.0 8.6 12.8

127 13.2 10.6 16.0



Abundance Scan 3964 (14.086 min): VU050130.D\data.ms (-3343) (-)



Abundance Scan 4040 (14.330 min): VU050106.D\data.ms (-4079) (-)

1,2,3-Trichlorobenzene

Concen: 5.302 ug/L

RT: 14.327 min Scan# 4039

Delta R.T. -0.003 min

Lab File: VU050130.D

Acq: 06 Aug 2022 05:48

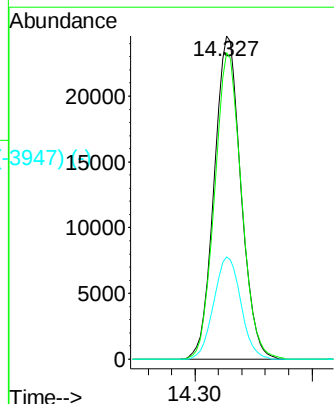
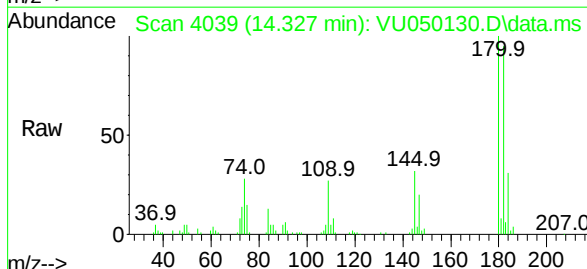
Tgt Ion:180 Resp: 38968

Ion Ratio Lower Upper

180 100

182 95.2 77.5 116.3

145 32.0 25.8 38.6



Abundance Scan 4039 (14.327 min): VU050130.D\data.ms (-3947) (-)

