

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061022\
 Data File : VU049046.D
 Acq On : 11 Jun 2022 11:03
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 11 11:40:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 11 04:33:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	305905	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	293607	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	154265	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	84855	45.027	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	90.060%	
7) Chloroethane-d5	1.903	69	64248	46.432	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	=	92.860%	
11) 1,1-Dichloroethene-d2	2.565	63	165626	46.576	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	93.160%	
21) 2-Butanone-d5	4.616	46	196513	95.110	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	=	95.110%	
24) Chloroform-d	5.063	84	196391	48.851	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	97.700%	
26) 1,2-Dichloroethane-d4	5.700	65	127262	48.862	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	97.720%	
32) Benzene-d6	5.726	84	359048	49.316	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	98.640%	
36) 1,2-Dichloropropane-d6	6.690	67	120756	49.338	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	98.680%	
41) Toluene-d8	7.896	98	324005	50.462	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	100.920%	
43) trans-1,3-Dichloroprop...	8.179	79	49854	43.297	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	86.600%	
47) 2-Hexanone-d5	8.629	63	120488	94.061	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	=	94.060%	
56) 1,1,2,2-Tetrachloroeth...	10.754	84	194656	47.618	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	95.240%	
66) 1,2-Dichlorobenzene-d4	12.192	152	134570	50.136	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	100.280%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.382	85	127222	47.128	ug/L	99
3) Chloromethane	1.523	50	124989	43.926	ug/L	100
5) Vinyl chloride	1.604	62	117829	43.682	ug/L	99
6) Bromomethane	1.845	94	65545	43.929	ug/L	99
8) Chloroethane	1.925	64	67910	45.075	ug/L	96
9) Trichlorofluoromethane	2.134	101	170707	44.965	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	91432	42.427	ug/L	99
12) 1,1-Dichloroethene	2.578	96	88373	46.847	ug/L	93
13) Acetone	2.623	43	142312	87.531	ug/L	99
14) Carbon disulfide	2.790	76	207869	43.332	ug/L	99
15) Methyl Acetate	2.944	43	155593	48.250	ug/L	99
16) Methylene chloride	3.044	84	114678	46.682	ug/L	98
17) trans-1,2-Dichloroethene	3.353	96	95040	45.821	ug/L	98
18) Methyl tert-butyl Ether	3.362	73	362822	46.759	ug/L	99
19) 1,1-Dichloroethane	3.867	63	208182	46.590	ug/L	99
20) cis-1,2-Dichloroethene	4.665	96	119927	47.525	ug/L	97
22) 2-Butanone	4.697	43	230053	92.076	ug/L	97
23) Bromochloromethane	4.973	128	62825	47.435	ug/L	99

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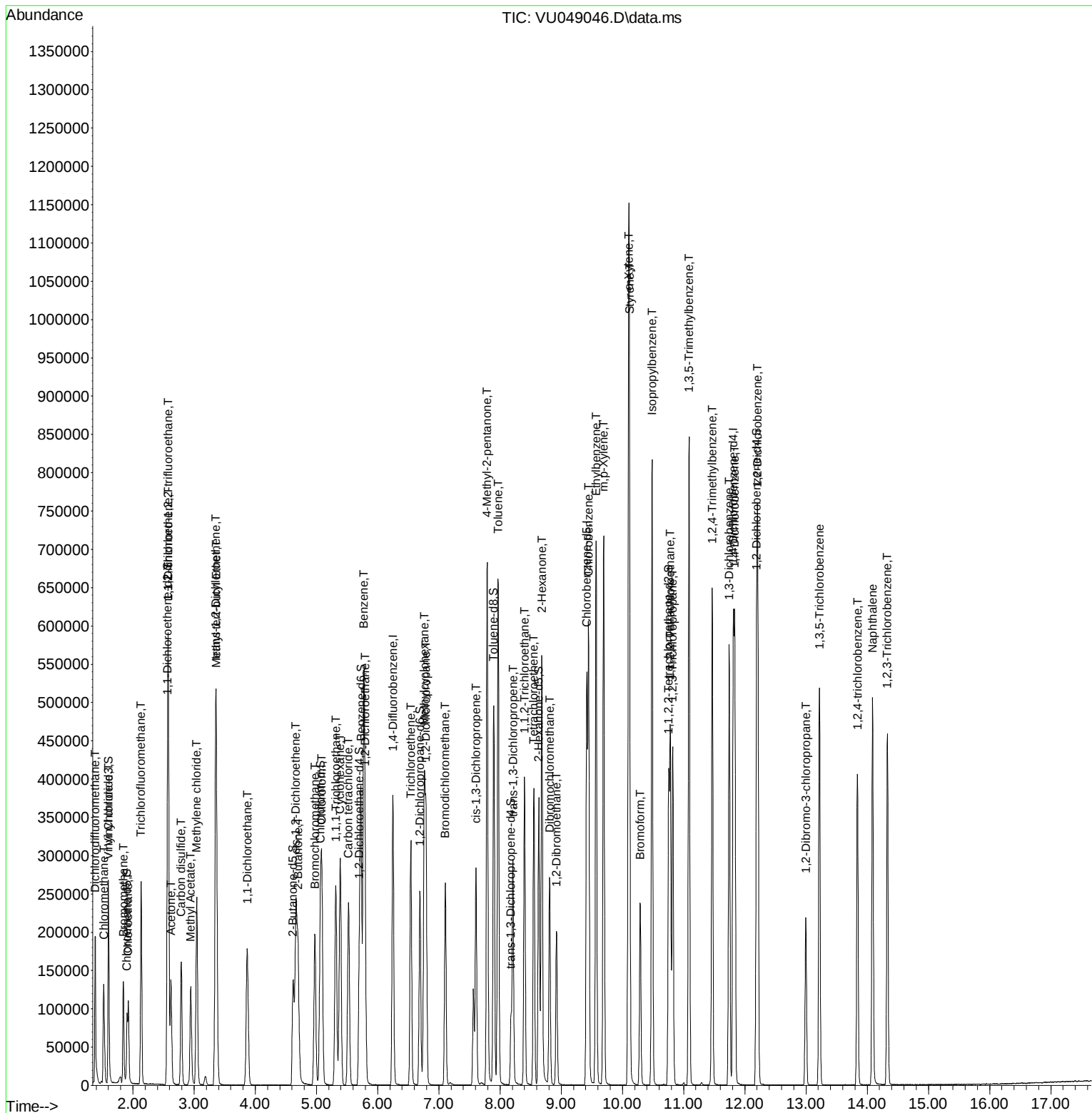
Instrument :
 MSVOA_U
 ClientSampleId :

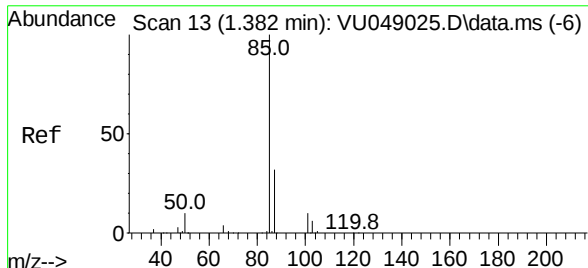
Quant Time: Jun 11 11:40:31 2022
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 Quant Title : VOC Analysis
 QLast Update : Sat Jun 11 04:33:31 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) Chloroform	5.089	83	221474	47.559	ug/L	100
27) 1,2-Dichloroethane	5.793	62	181812	47.960	ug/L	99
29) Cyclohexane	5.388	56	146444	44.568	ug/L	100
30) 1,1,1-Trichloroethane	5.317	97	193444	47.244	ug/L	98
31) Carbon tetrachloride	5.523	117	170843	47.708	ug/L	99
33) Benzene	5.774	78	449942	47.302	ug/L	100
34) Trichloroethene	6.539	95	111125	46.346	ug/L	94
35) Methylcyclohexane	6.764	83	149397	44.638	ug/L	100
37) 1,2-Dichloropropane	6.790	63	130575	48.679	ug/L	100
38) Bromodichloromethane	7.105	83	171995	48.295	ug/L	98
39) cis-1,3-Dichloropropene	7.607	75	160866	40.757	ug/L	97
40) 4-Methyl-2-pentanone	7.790	43	432037	95.602	ug/L	100
42) Toluene	7.967	91	473930	48.204	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	164990	42.216	ug/L	98
45) 1,1,2-Trichloroethane	8.401	97	124035	47.720	ug/L	99
46) Tetrachloroethene	8.552	164	86729	46.656	ug/L	97
48) 2-Hexanone	8.684	43	350415	95.381	ug/L	98
49) Dibromochloromethane	8.809	129	136675	47.227	ug/L	98
50) 1,2-Dibromoethane	8.922	107	132626	48.503	ug/L	99
51) Chlorobenzene	9.446	112	310050	46.652	ug/L	100
52) Ethylbenzene	9.571	91	490533	45.888	ug/L	97
53) m,p-Xylene	9.693	106	205059	48.848	ug/L	97
54) o-Xylene	10.102	106	206775	48.889	ug/L	98
55) Styrene	10.115	104	344130	48.723	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	221954	45.822	ug/L	99
59) Bromoform	10.291	173	106393	46.733	ug/L	98
60) 1,2,3-Trichloropropane	10.822	75	185333	47.364	ug/L	99
61) Isopropylbenzene	10.484	105	520918	49.712	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	445263	49.772	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	353028	49.566	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	237207	46.148	ug/L	97
65) 1,4-Dichlorobenzene	11.835	146	233506	44.868	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	252249	47.288	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	58990	45.676	ug/L	97
69) 1,3,5-Trichlorobenzene	13.221	180	161863	44.080	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	126979	40.893	ug/L	99
71) Naphthalene	14.089	128	423380	38.539	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	141499	43.080	ug/L	99

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

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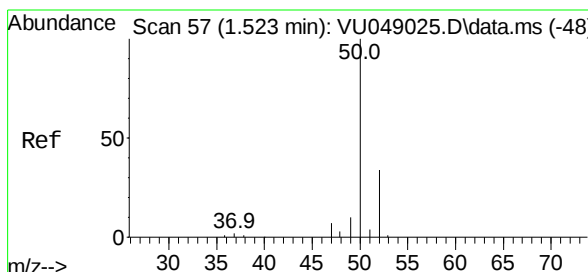
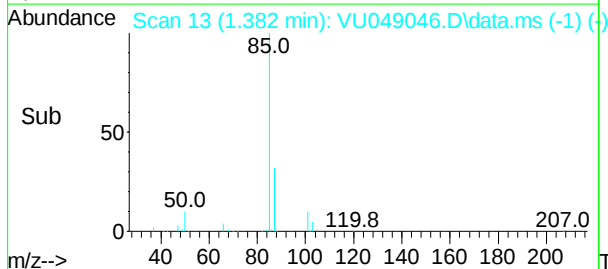
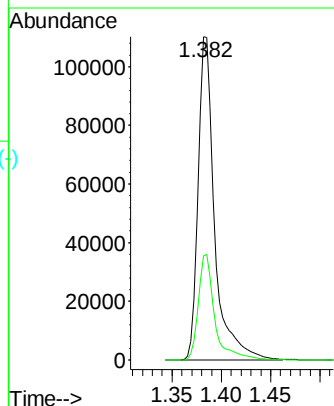
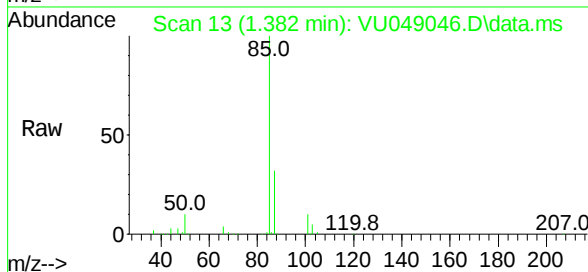




Dichlorodifluoromethane
 Concen: 47.128 ug/L
 RT: 1.382 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VU049046.D
 Acq: 11 Jun 2022 11:03

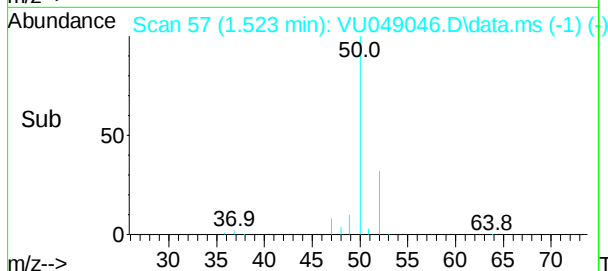
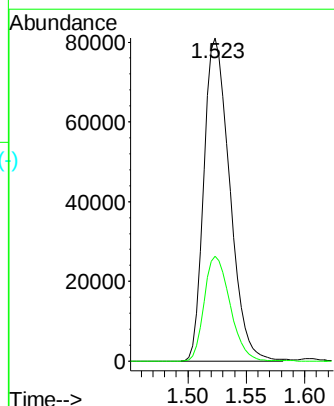
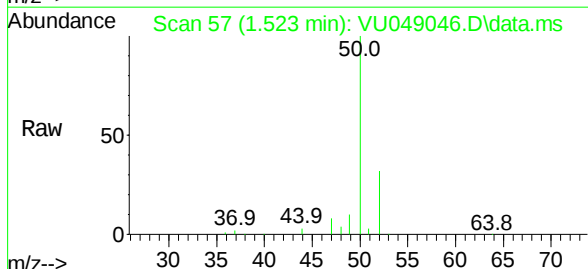
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 MSVOA_U
 ClientSampleId :

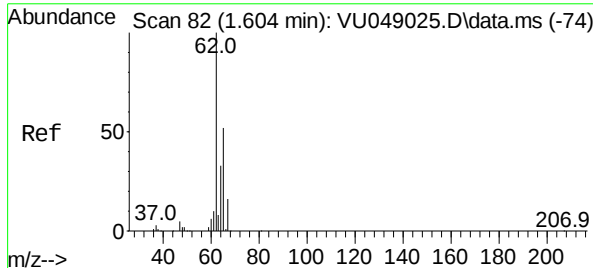
Tgt Ion: 85 Resp: 127222
 Ion Ratio Lower Upper
 85 100
 87 32.3 26.3 39.5



Chloromethane
 Concen: 43.926 ug/L
 RT: 1.523 min Scan# 57
 Delta R.T. 0.000 min
 Lab File: VU049046.D
 Acq: 11 Jun 2022 11:03

Tgt Ion: 50 Resp: 124989
 Ion Ratio Lower Upper
 50 100
 52 32.4 22.7 42.1





Vinyl chloride

Concen: 43.682 ug/L

RT: 1.604 min Scan# 82

Delta R.T. 0.000 min

Lab File: VU049046.D

Acq: 11 Jun 2022 11:03

Instrument :

MSVOA_U

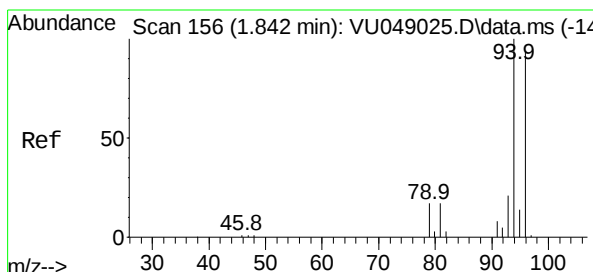
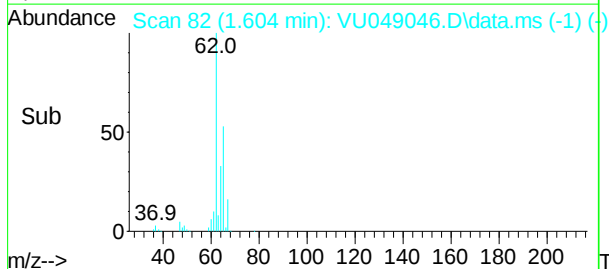
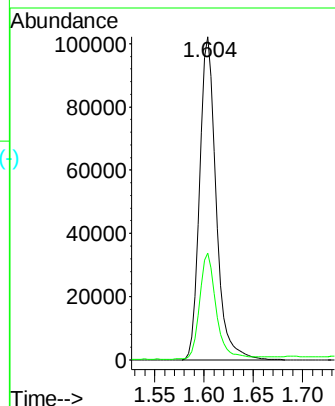
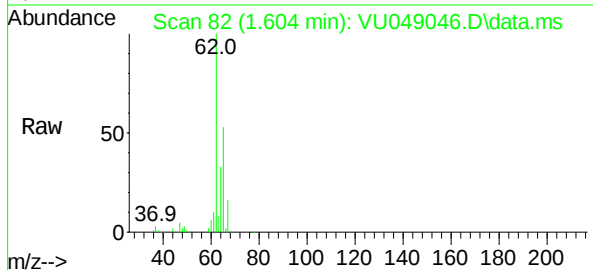
ClientSampleId :

Tgt Ion: 62 Resp: 117829

Ion Ratio Lower Upper

62 100

64 33.0 22.7 42.3



Bromomethane

Concen: 43.929 ug/L

RT: 1.845 min Scan# 157

Delta R.T. 0.003 min

Lab File: VU049046.D

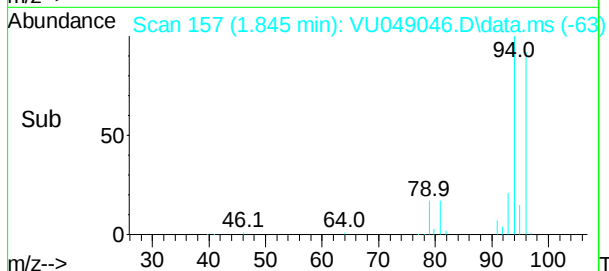
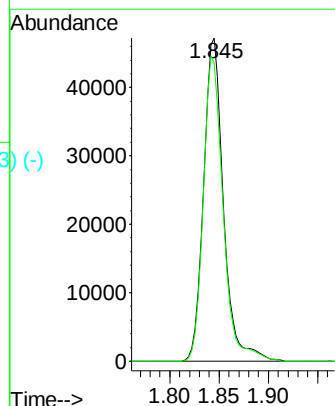
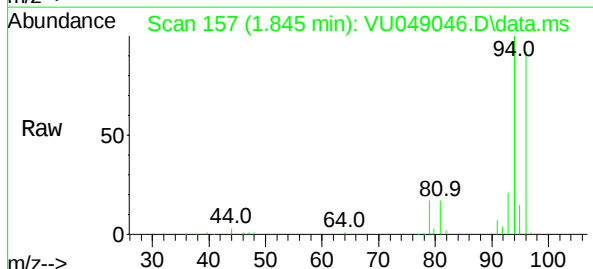
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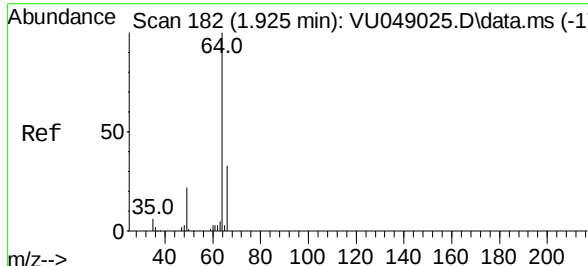
Tgt Ion: 94 Resp: 65545

Ion Ratio Lower Upper

94 100

96 92.2 65.1 120.9





Chloroethane

Concen: 45.075 ug/L

RT: 1.925 min Scan# 182

Delta R.T. 0.000 min

Lab File: VU049046.D

Acq: 11 Jun 2022 11:03

Instrument :

MSVOA_U

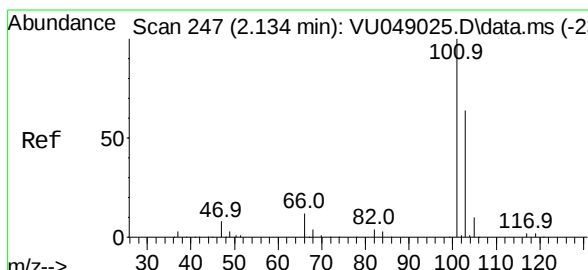
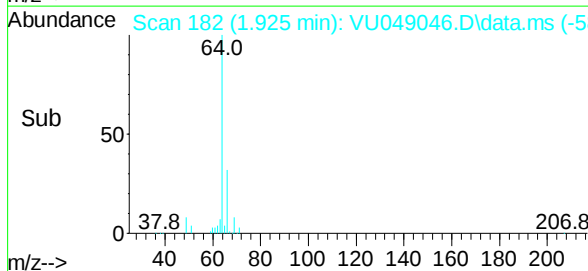
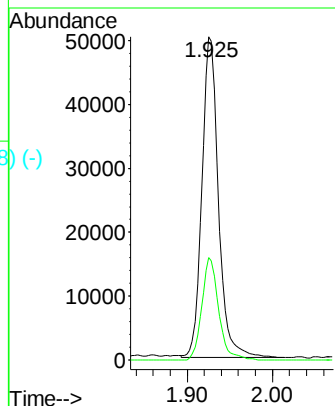
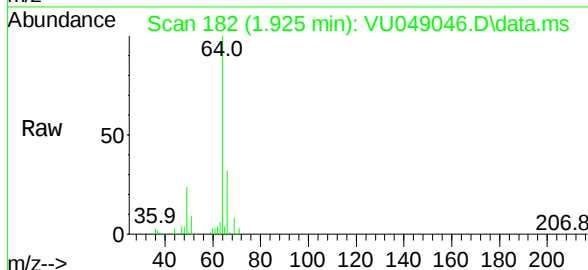
ClientSampleId :

Tgt Ion: 64 Resp: 67910

Ion Ratio Lower Upper

64 100

66 31.6 23.7 43.9



Trichlorofluoromethane

Concen: 44.965 ug/L

RT: 2.134 min Scan# 247

Delta R.T. 0.000 min

Lab File: VU049046.D

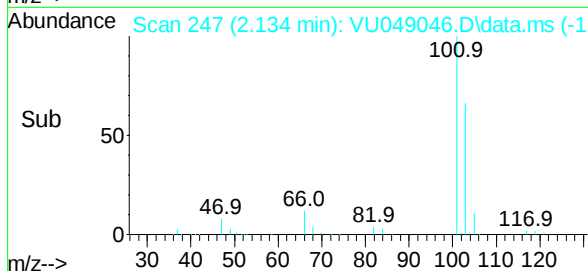
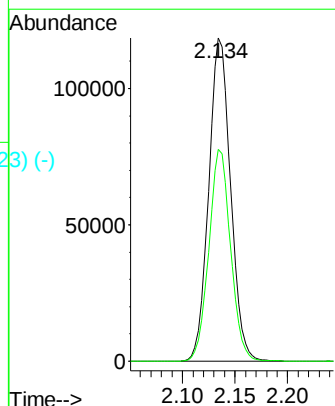
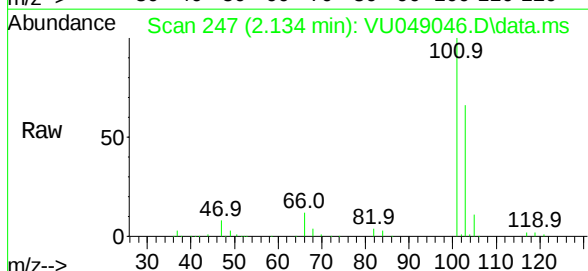
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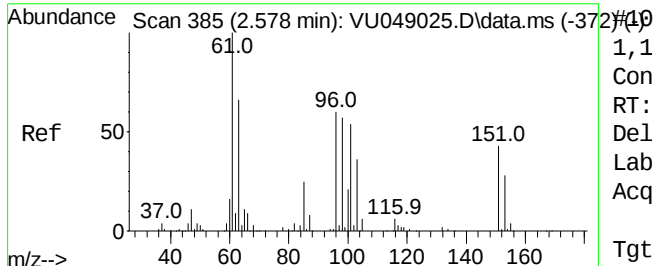
Tgt Ion:101 Resp: 170707

Ion Ratio Lower Upper

101 100

103 65.2 51.3 76.9

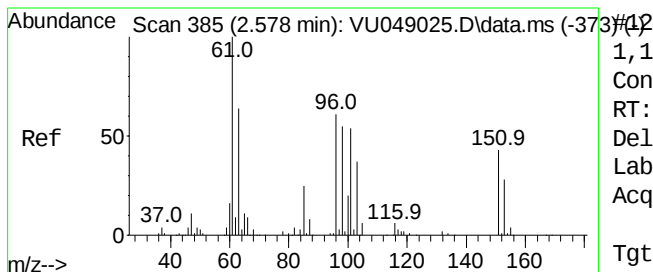
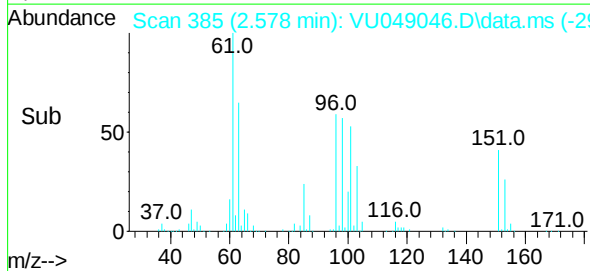
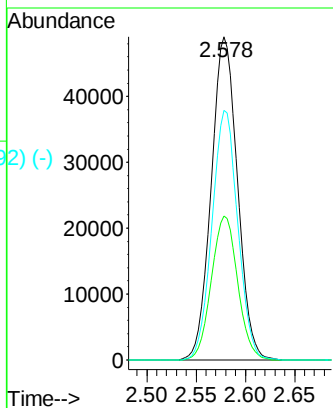
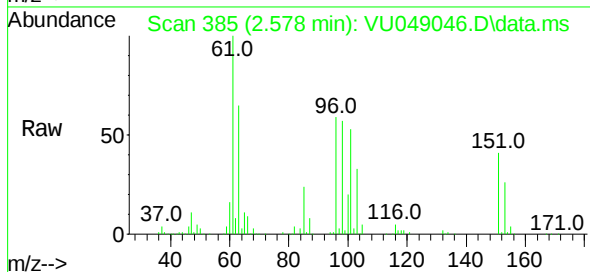




1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 42.427 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.000 min
 Lab File: VU049046.D
 Acq: 11 Jun 2022 11:03

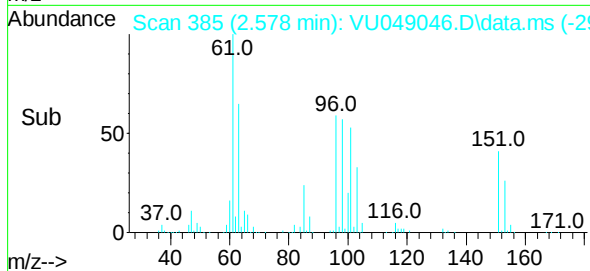
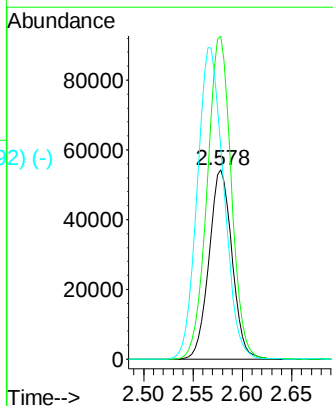
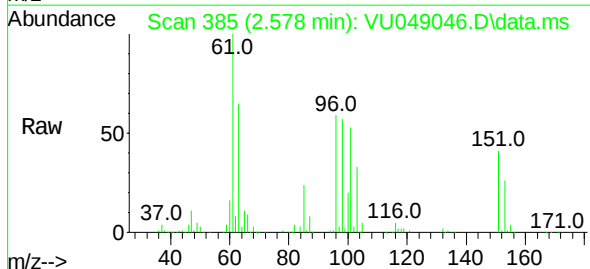
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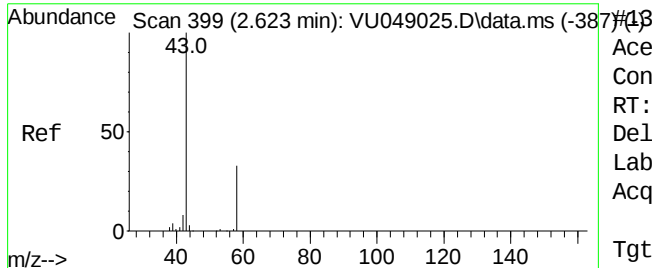
Tgt Ion:	101	Resp:	91432
Ion	Ratio	Lower	Upper
101	100		
85	44.5	35.2	52.8
151	76.0	61.4	92.2



1,1-Dichloroethene
 Concen: 46.847 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.000 min
 Lab File: VU049046.D
 Acq: 11 Jun 2022 11:03

Tgt Ion:	96	Resp:	88373
Ion	Ratio	Lower	Upper
96	100		
61	170.6	123.5	229.3
63	111.7	86.0	159.8





Acetone

Concen: 87.531 ug/L

RT: 2.623 min Scan# 399

Delta R.T. 0.000 min

Lab File: VU049046.D

Acq: 11 Jun 2022 11:03

Instrument :

MSVOA_U

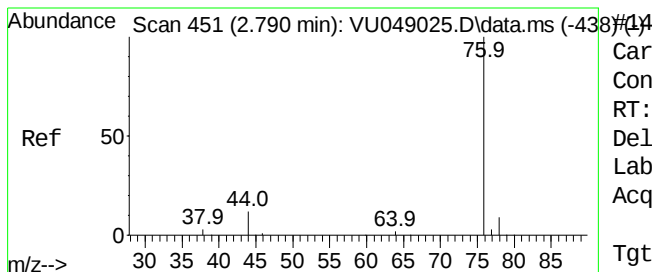
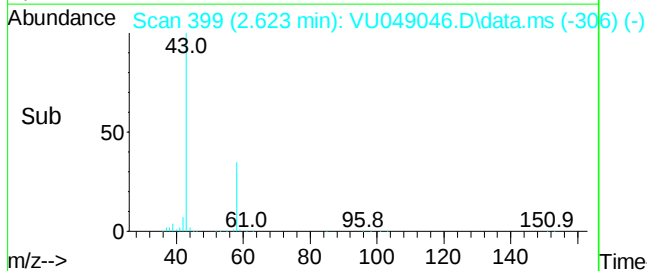
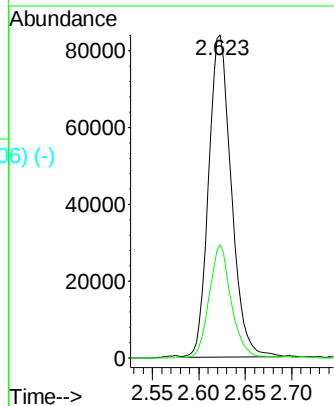
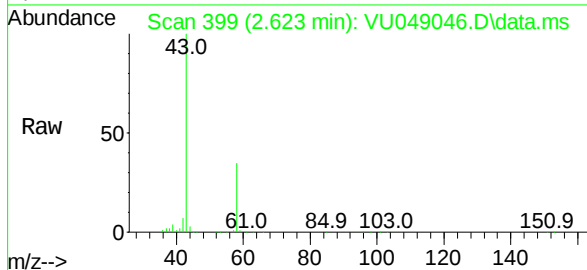
ClientSampleId :

Tgt Ion: 43 Resp: 142312

Ion Ratio Lower Upper

43 100

58 33.8 0.0 66.4



Carbon disulfide

Concen: 43.332 ug/L

RT: 2.790 min Scan# 451

Delta R.T. 0.000 min

Lab File: VU049046.D

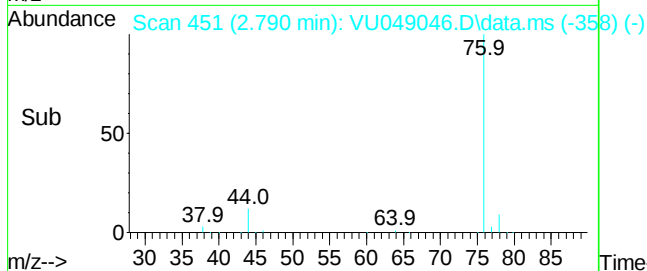
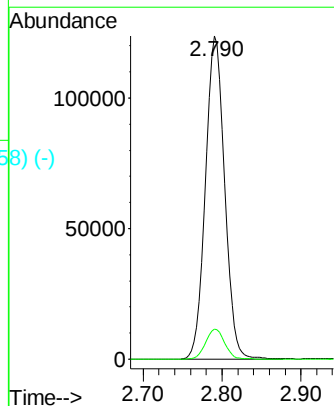
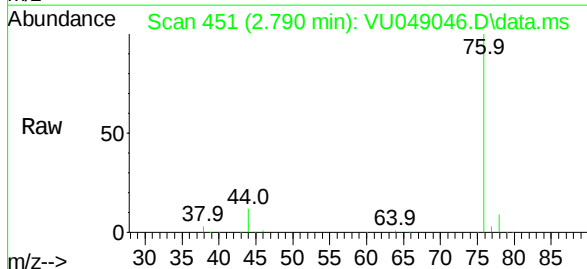
Acq: 11 Jun 2022 11:03

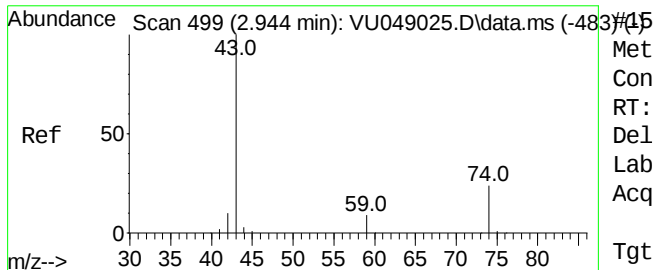
Tgt Ion: 76 Resp: 207869

Ion Ratio Lower Upper

76 100

78 9.2 7.1 10.7





Methyl Acetate

Concen: 48.250 ug/L

RT: 2.944 min Scan# 499

Delta R.T. 0.000 min

Lab File: VU049046.D

Acq: 11 Jun 2022 11:03

Instrument :

MSVOA_U

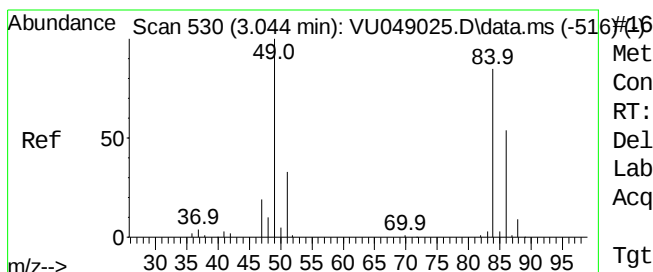
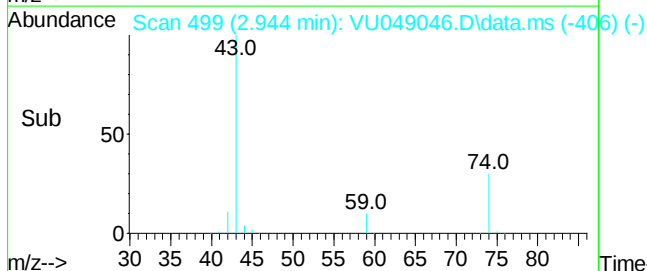
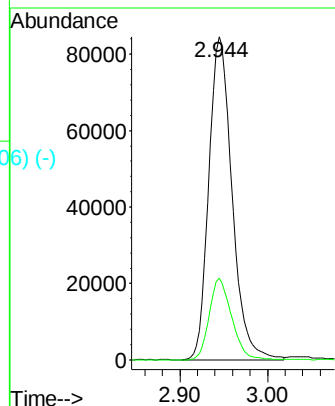
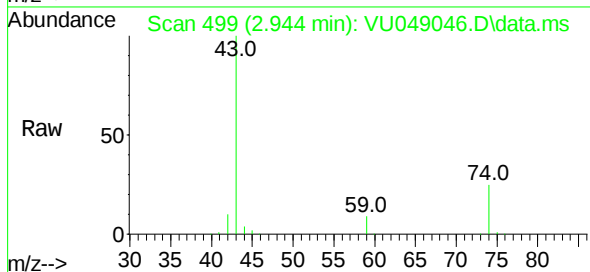
ClientSampleId :

Tgt Ion: 43 Resp: 155593

Ion Ratio Lower Upper

43 100

74 24.4 19.0 28.6



Methylene chloride

Concen: 46.682 ug/L

RT: 3.044 min Scan# 530

Delta R.T. 0.000 min

Lab File: VU049046.D

Acq: 11 Jun 2022 11:03

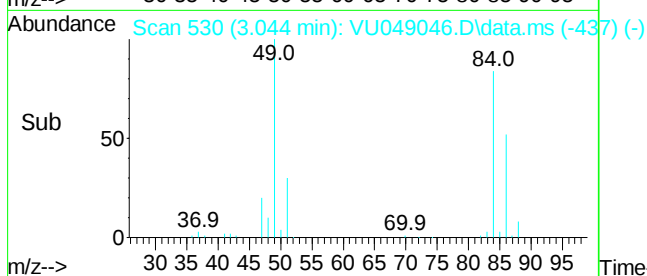
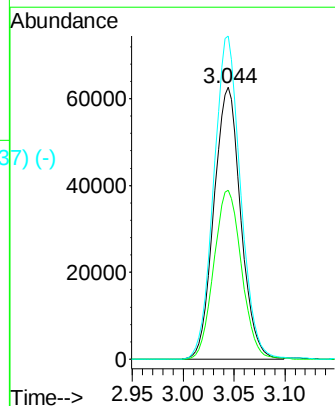
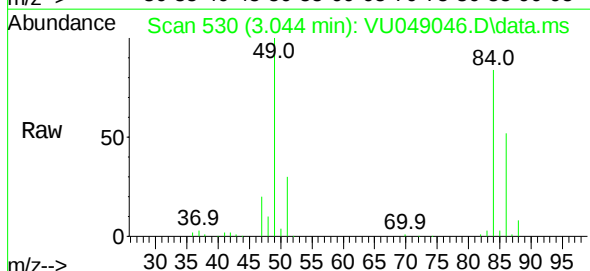
Tgt Ion: 84 Resp: 114678

Ion Ratio Lower Upper

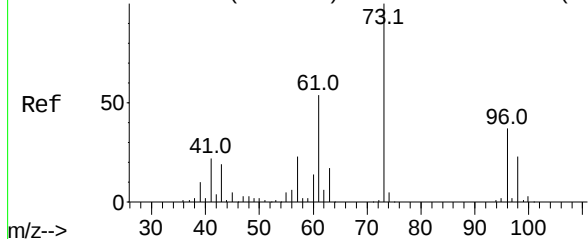
84 100

86 62.1 45.8 85.0

49 118.8 83.4 155.0



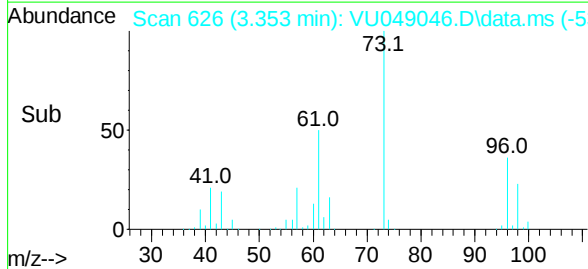
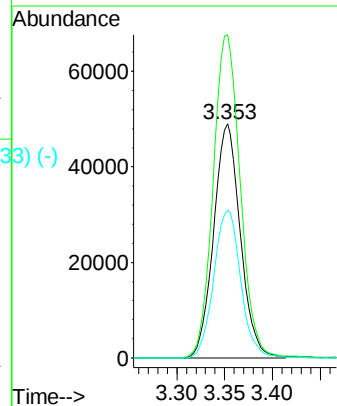
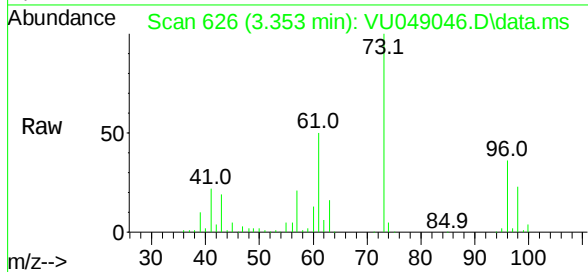
Abundance Scan 626 (3.353 min): VU049025.D\data.ms (-612) #17



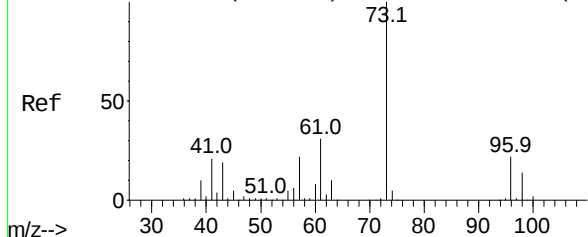
trans-1,2-Dichloroethene
Concen: 45.821 ug/L
RT: 3.353 min Scan# 626
Delta R.T. 0.000 min
Lab File: VU049046.D
Acq: 11 Jun 2022 11:03

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:	96	Resp:	95040
Ion	Ratio	Lower	Upper
96	100		
61	138.1	99.3	184.3
98	63.1	44.7	83.1

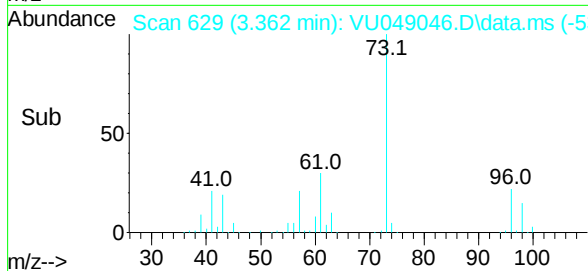
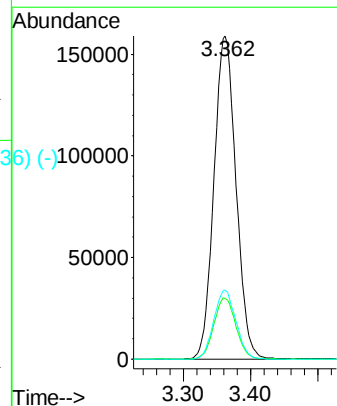
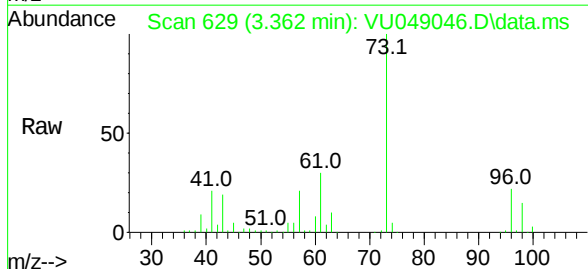


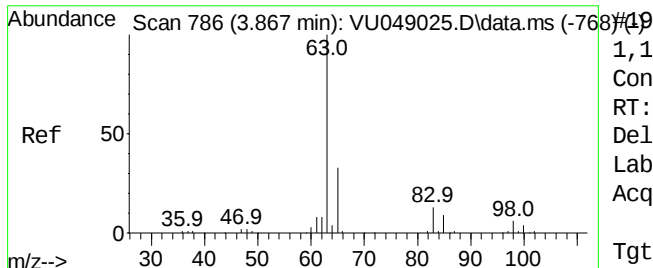
Abundance Scan 629 (3.362 min): VU049025.D\data.ms (-611) #18



Methyl tert-butyl Ether
Concen: 46.759 ug/L
RT: 3.362 min Scan# 629
Delta R.T. 0.000 min
Lab File: VU049046.D
Acq: 11 Jun 2022 11:03

Tgt Ion:	73	Resp:	362822
Ion	Ratio	Lower	Upper
73	100		
43	18.9	15.0	22.4
57	21.3	17.3	25.9





1,1-Dichloroethane

Concen: 46.590 ug/L

RT: 3.867 min Scan#

Delta R.T. 0.000 min

Lab File: VU049046.D

Acq: 11 Jun 2022 11:03

Instrument :

MSVOA_U

ClientSampleId :

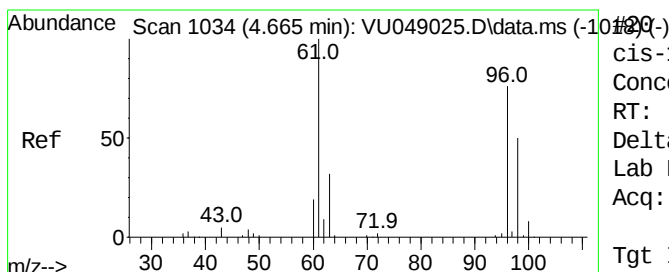
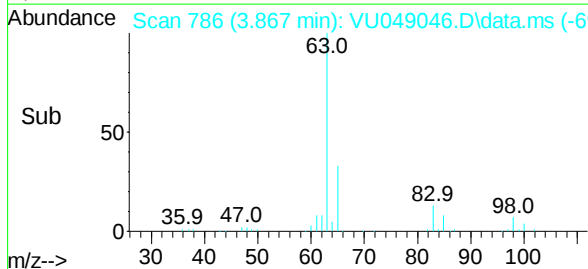
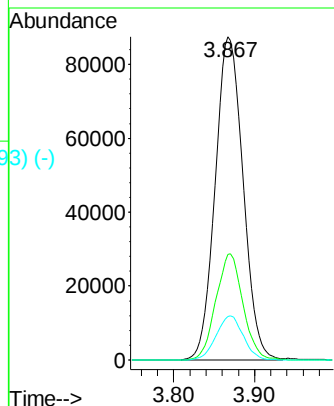
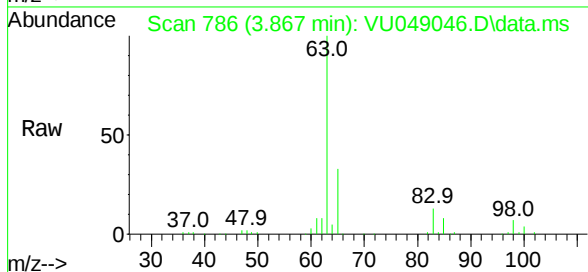
Tgt Ion: 63 Resp: 208182

Ion Ratio Lower Upper

63 100

65 32.6 22.3 41.5

83 13.4 9.5 17.7



cis-1,2-Dichloroethene

Concen: 47.525 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. 0.000 min

Lab File: VU049046.D

Acq: 11 Jun 2022 11:03

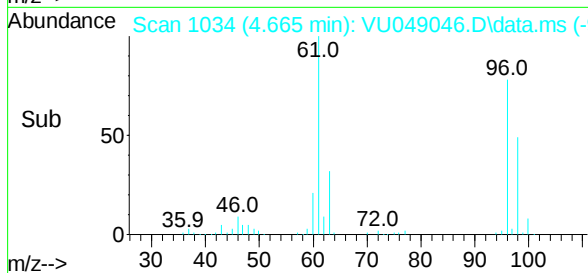
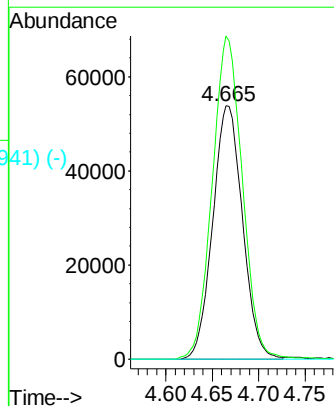
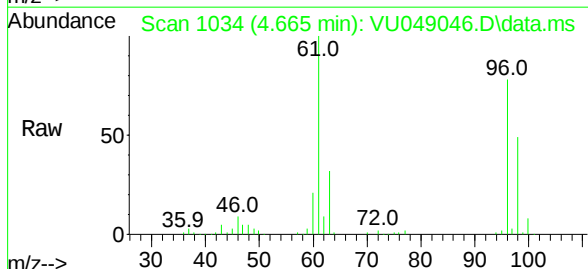
Tgt Ion: 96 Resp: 119927

Ion Ratio Lower Upper

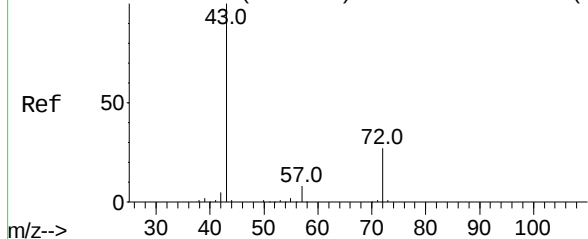
96 100

61 127.4 91.6 170.2

68 0.0 0.0 0.0



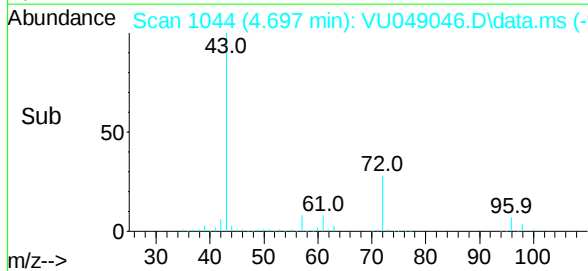
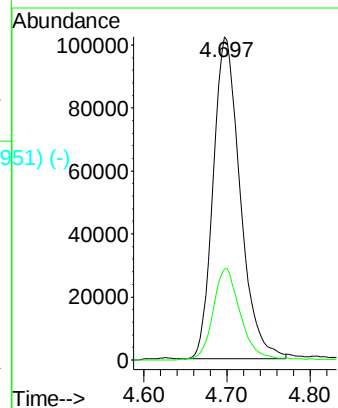
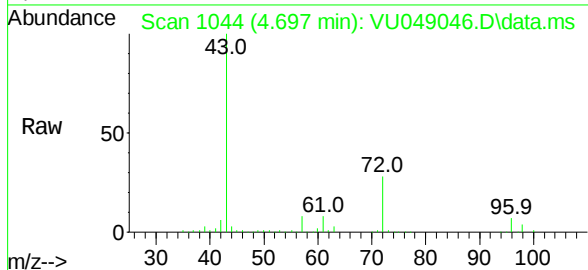
Abundance Scan 1044 (4.697 min): VU049025.D\data.ms (-1024)



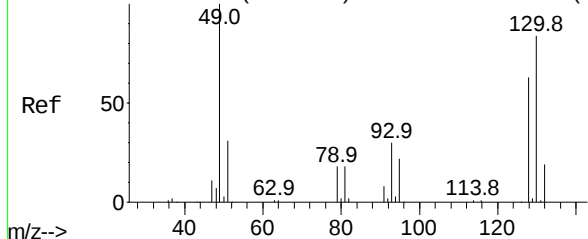
2-Butanone
Concen: 92.076 ug/L
RT: 4.697 min Scan# 1044
Delta R.T. 0.000 min
Lab File: VU049046.D
Acq: 11 Jun 2022 11:03

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 230053
Ion Ratio Lower Upper
43 100
72 28.9 13.7 41.0

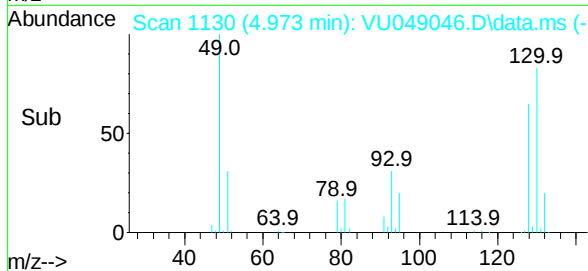
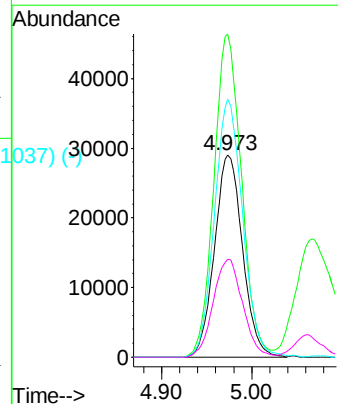
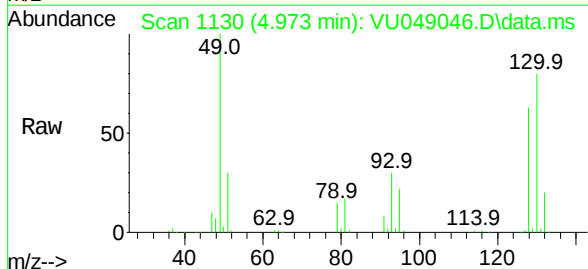


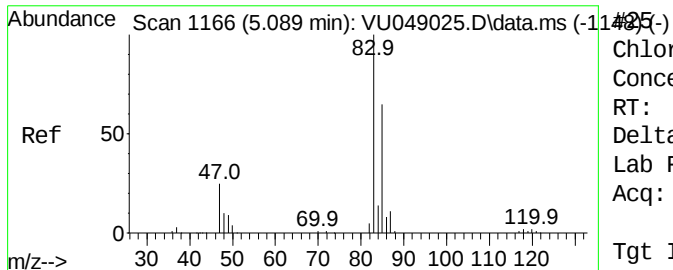
Abundance Scan 1130 (4.973 min): VU049025.D\data.ms (-1123)



Bromochloromethane
Concen: 47.435 ug/L
RT: 4.973 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VU049046.D
Acq: 11 Jun 2022 11:03

Tgt Ion:128 Resp: 62825
Ion Ratio Lower Upper
128 100
49 159.6 111.9 207.9
130 127.5 88.6 164.6
51 48.3 42.2 63.2





Chloroform

Concen: 47.559 ug/L

RT: 5.089 min Scan#

Delta R.T. 0.000 min

Lab File: VU049046.D

Acq: 11 Jun 2022 11:03

Instrument :

MSVOA_U

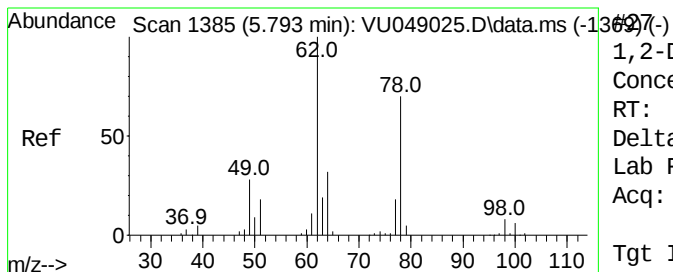
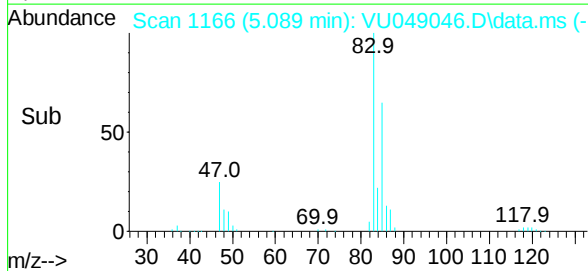
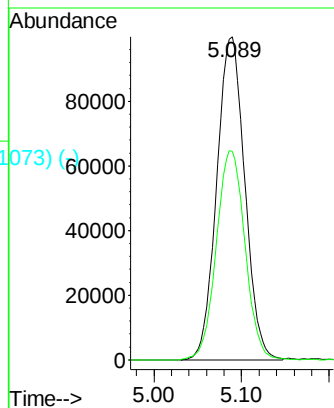
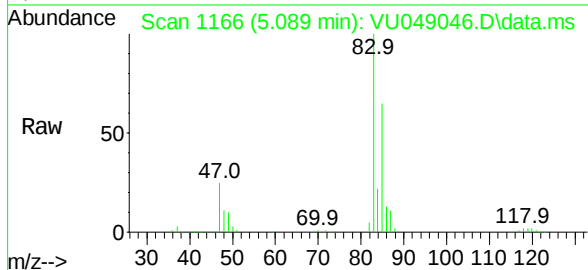
ClientSampleId :

Tgt Ion: 83 Resp: 221474

Ion Ratio Lower Upper

83 100

85 64.6 45.1 83.9



1,2-Dichloroethane

Concen: 47.960 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. 0.000 min

Lab File: VU049046.D

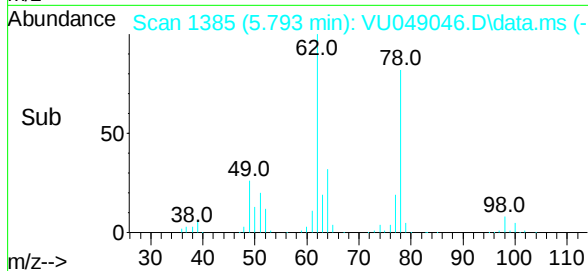
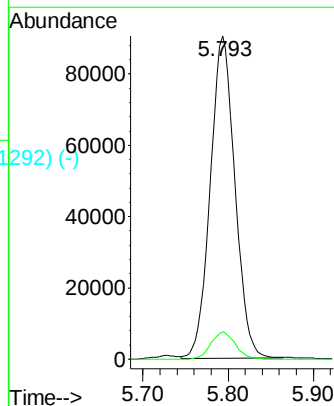
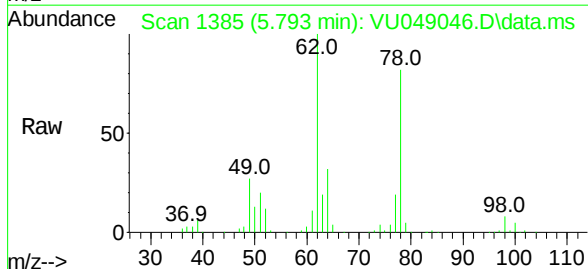
Acq: 11 Jun 2022 11:03

Tgt Ion: 62 Resp: 181812

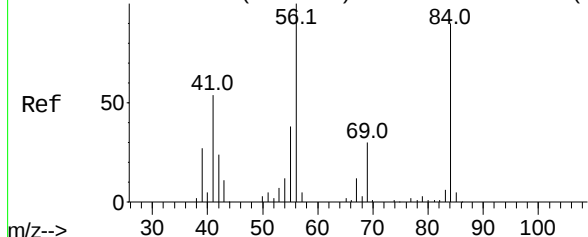
Ion Ratio Lower Upper

62 100

98 8.4 7.0 10.4



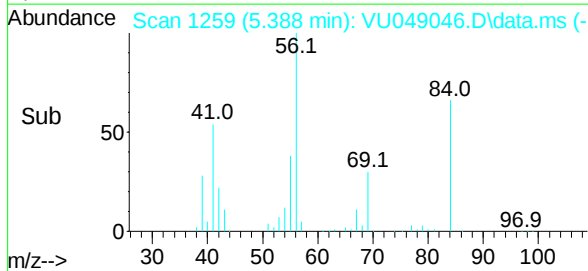
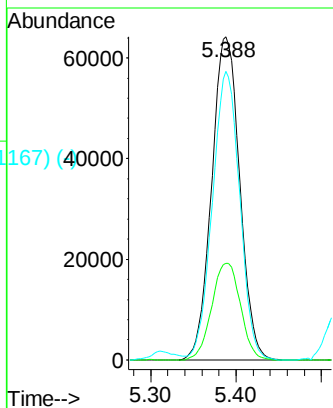
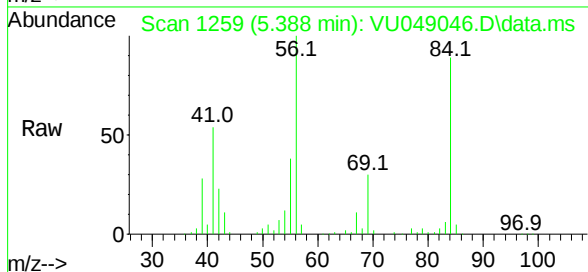
Abundance Scan 1260 (5.391 min): VU049025.D\data.ms (-1229-)



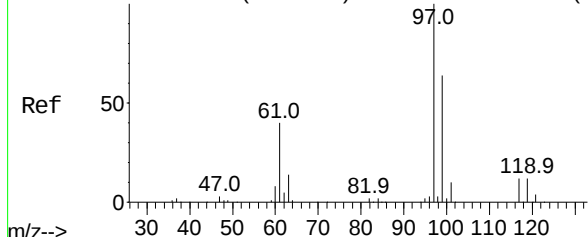
Cyclohexane
Concen: 44.568 ug/L
RT: 5.388 min Scan# 1259
Delta R.T. -0.003 min
Lab File: VU049046.D
Acq: 11 Jun 2022 11:03

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:	56	Resp:	146444
Ion	Ratio	Lower	Upper
56	100		
69	30.6	24.6	36.8
84	87.1	69.7	104.5

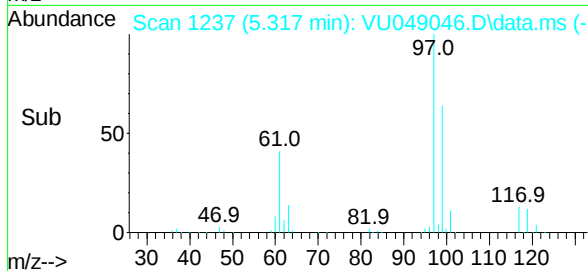
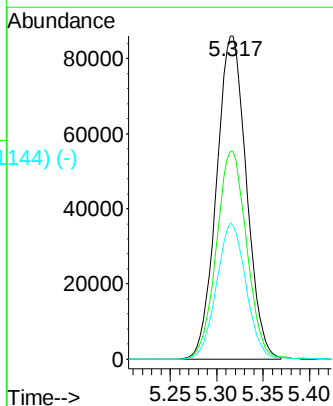
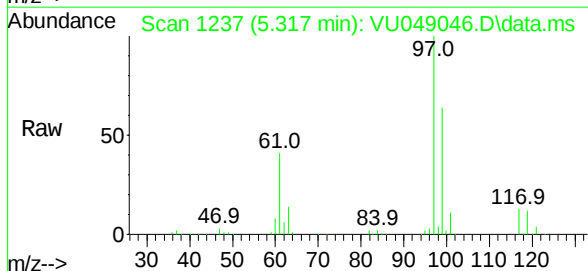


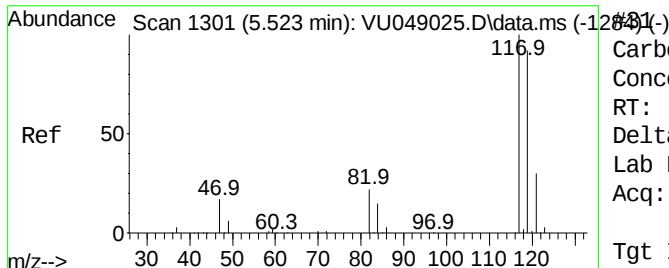
Abundance Scan 1237 (5.317 min): VU049025.D\data.ms (-1229-)



1,1,1-Trichloroethane
Concen: 47.244 ug/L
RT: 5.317 min Scan# 1237
Delta R.T. 0.000 min
Lab File: VU049046.D
Acq: 11 Jun 2022 11:03

Tgt Ion:	97	Resp:	193444
Ion	Ratio	Lower	Upper
97	100		
99	65.0	50.9	76.3
61	41.5	34.2	51.2

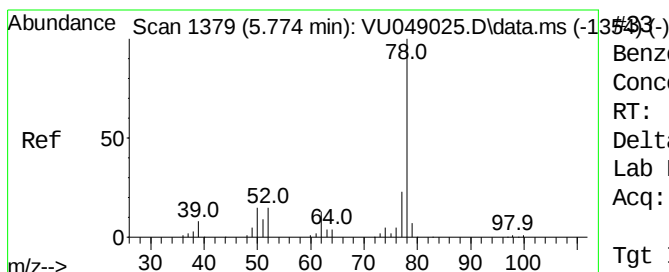
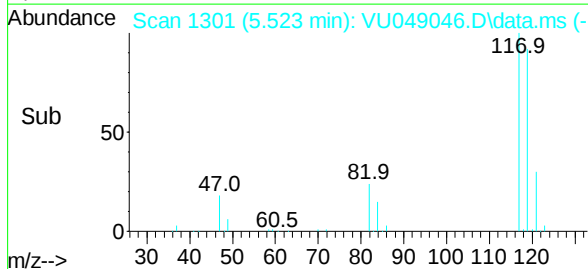
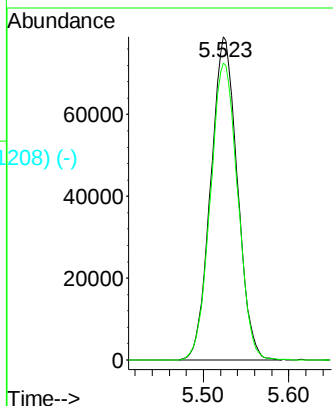
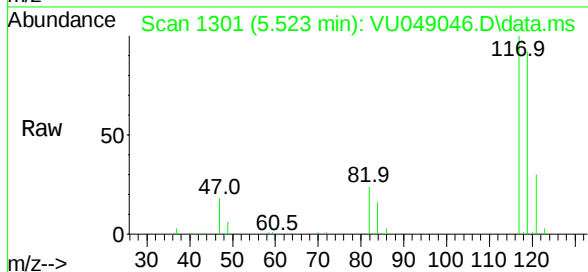




Carbon tetrachloride
 Concen: 47.708 ug/L
 RT: 5.523 min Scan# 1301
 Delta R.T. 0.000 min
 Lab File: VU049046.D
 Acq: 11 Jun 2022 11:03

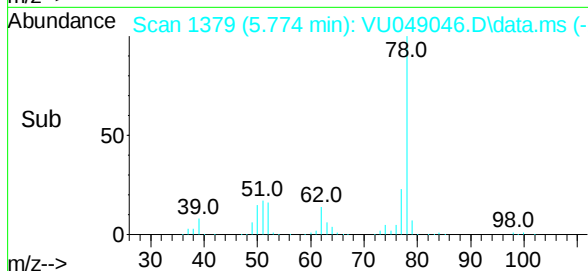
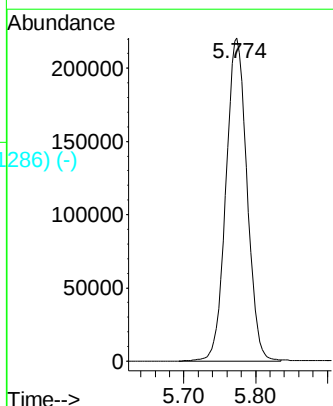
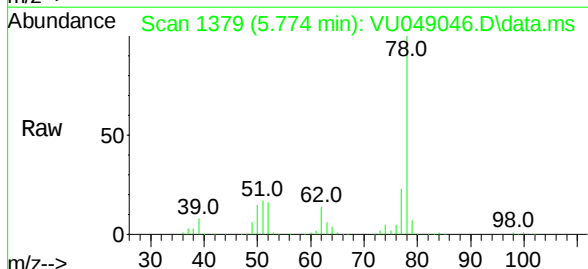
Instrument : MSVOA_U
 ClientSampleId :

Tgt Ion:117 Resp: 170843
 Ion Ratio Lower Upper
 117 100
 119 94.4 76.5 114.7

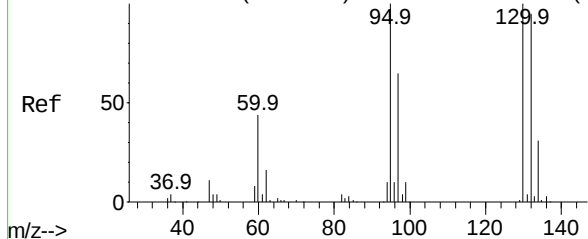


Benzene
 Concen: 47.302 ug/L
 RT: 5.774 min Scan# 1379
 Delta R.T. 0.000 min
 Lab File: VU049046.D
 Acq: 11 Jun 2022 11:03

Tgt Ion: 78 Resp: 449942



Abundance Scan 1618 (6.542 min): VU049025.D\data.ms (-1664)



Trichloroethene

Concen: 46.346 ug/L

RT: 6.539 min Scan#

Delta R.T. -0.003 min

Lab File: VU049046.D

Acq: 11 Jun 2022 11:03

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 111125

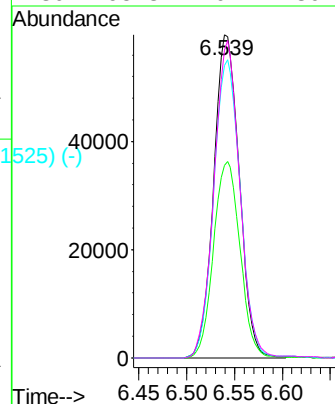
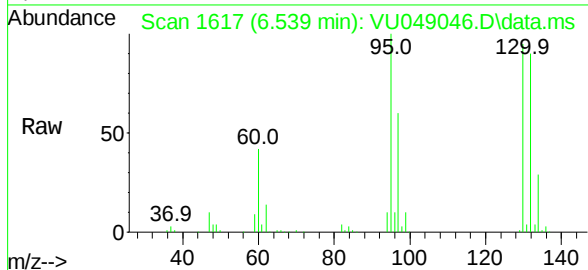
Ion Ratio Lower Upper

95 100

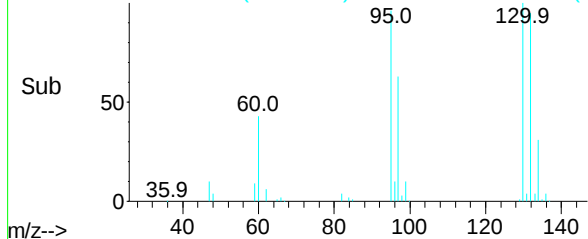
97 59.6 45.4 84.4

132 90.4 67.6 125.6

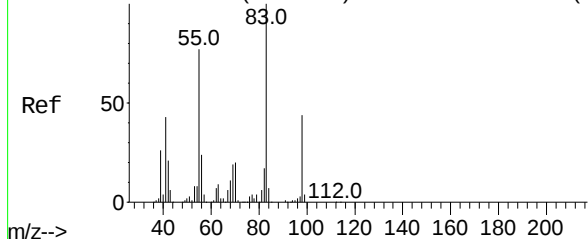
130 95.3 70.1 130.3



Abundance Scan 1617 (6.539 min): VU049046.D\data.ms (-1525)



Abundance Scan 1687 (6.764 min): VU049025.D\data.ms (-1678)



Methylcyclohexane

Concen: 44.638 ug/L

RT: 6.764 min Scan# 1687

Delta R.T. 0.000 min

Lab File: VU049046.D

Acq: 11 Jun 2022 11:03

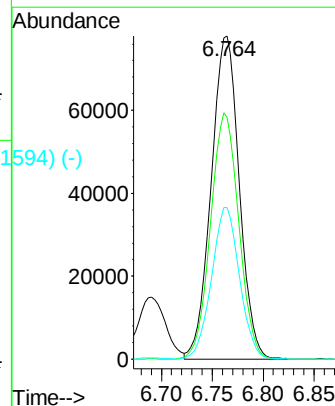
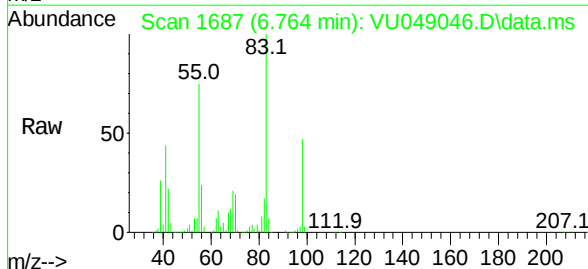
Tgt Ion: 83 Resp: 149397

Ion Ratio Lower Upper

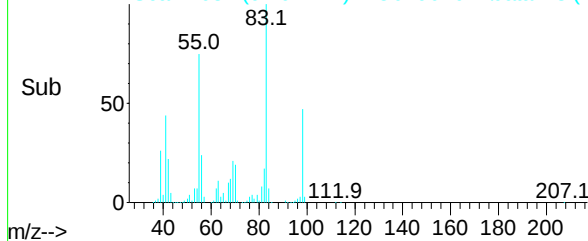
83 100

55 76.4 61.0 91.6

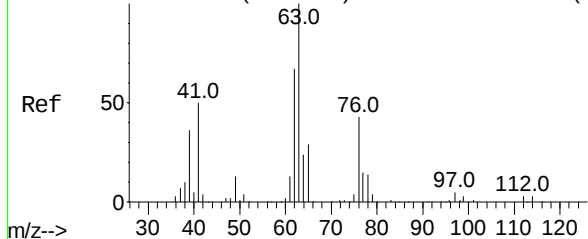
98 46.7 36.8 55.2



Abundance Scan 1687 (6.764 min): VU049046.D\data.ms (-1594)



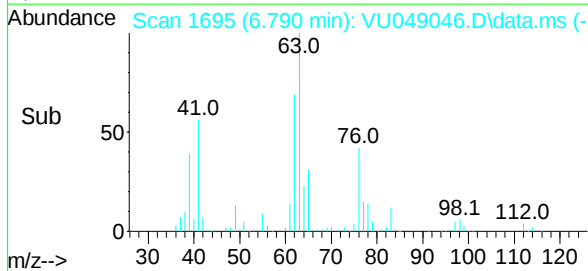
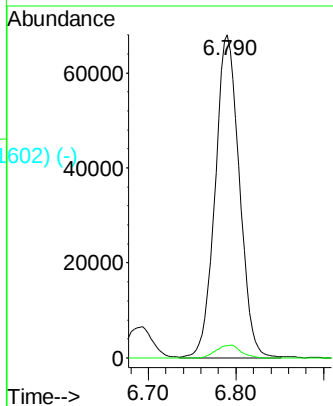
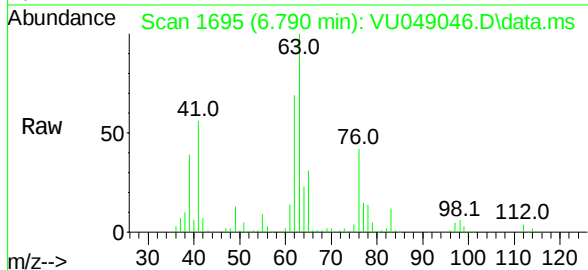
Abundance Scan 1695 (6.790 min): VU049025.D\data.ms (-1678)



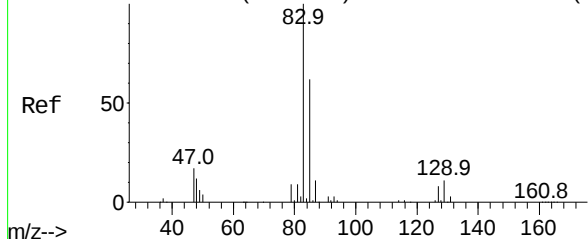
1,2-Dichloropropane
Concen: 48.679 ug/L
RT: 6.790 min Scan# 1695
Delta R.T. 0.000 min
Lab File: VU049046.D
Acq: 11 Jun 2022 11:03

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 130575
Ion Ratio Lower Upper
63 100
112 4.1 3.2 4.8

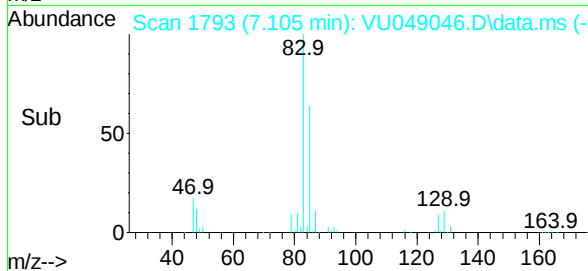
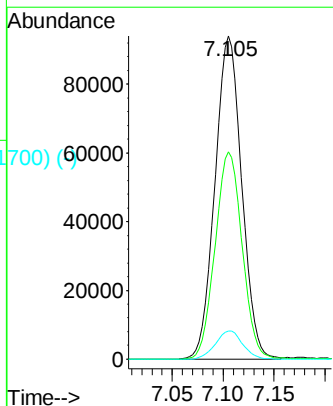
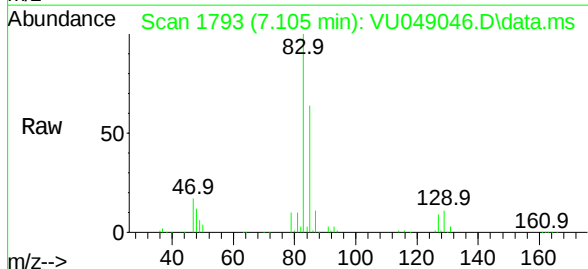


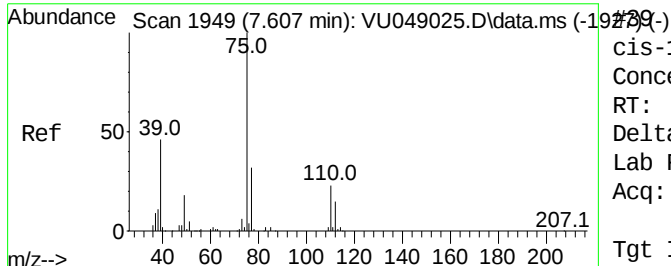
Abundance Scan 1793 (7.105 min): VU049025.D\data.ms (-1798)



Bromodichloromethane
Concen: 48.295 ug/L
RT: 7.105 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VU049046.D
Acq: 11 Jun 2022 11:03

Tgt Ion: 83 Resp: 171995
Ion Ratio Lower Upper
83 100
85 64.1 44.0 81.6
127 8.7 6.9 10.3

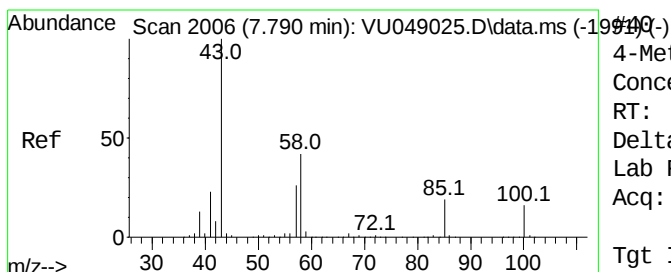
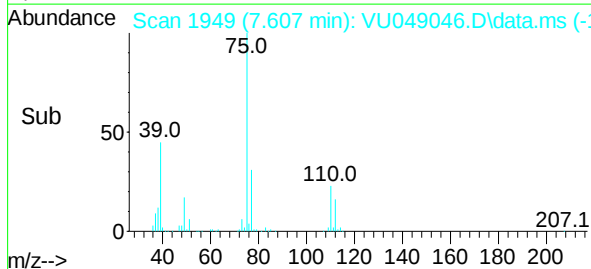
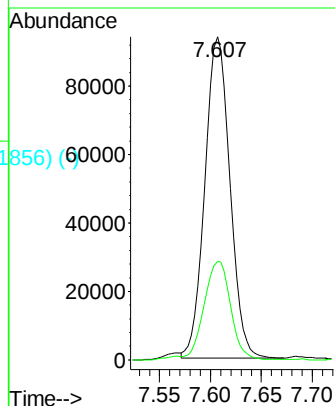
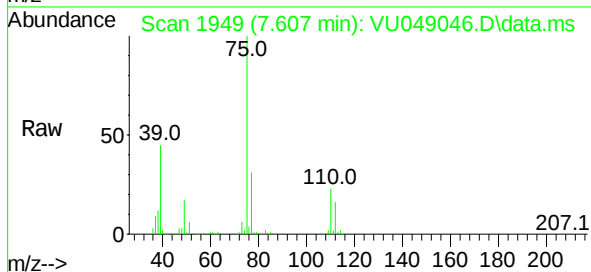




cis-1,3-Dichloropropene
Concen: 40.757 ug/L
RT: 7.607 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VU049046.D
Acq: 11 Jun 2022 11:03

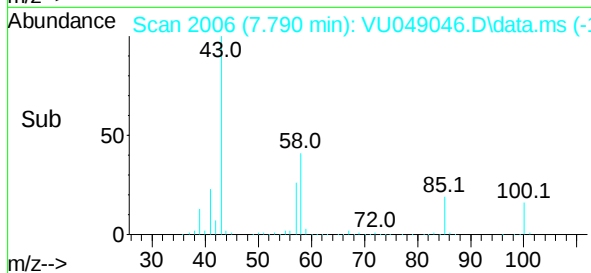
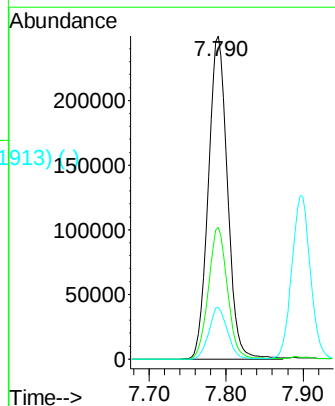
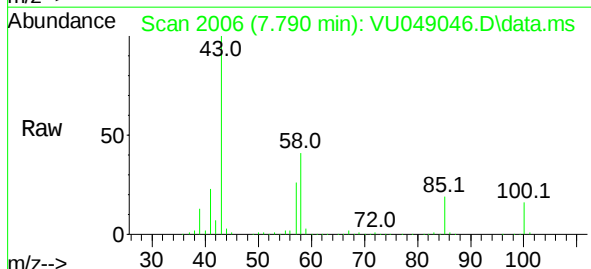
Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 160866
Ion Ratio Lower Upper
75 100
77 30.5 22.6 42.0

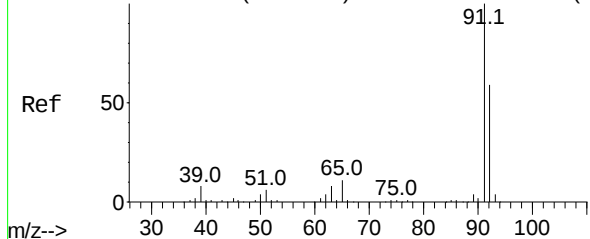


4-Methyl-2-pentanone
Concen: 95.602 ug/L
RT: 7.790 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VU049046.D
Acq: 11 Jun 2022 11:03

Tgt Ion: 43 Resp: 432037
Ion Ratio Lower Upper
43 100
58 40.6 32.2 48.4
100 15.6 12.3 18.5



Abundance Scan 2062 (7.970 min): VU049025.D\data.ms (-2044)



Toluene

Concen: 48.204 ug/L

RT: 7.967 min Scan# 2137

Delta R.T. -0.003 min

Lab File: VU049046.D

Acq: 11 Jun 2022 11:03

Instrument :

MSVOA_U

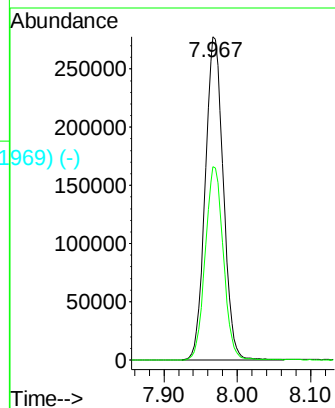
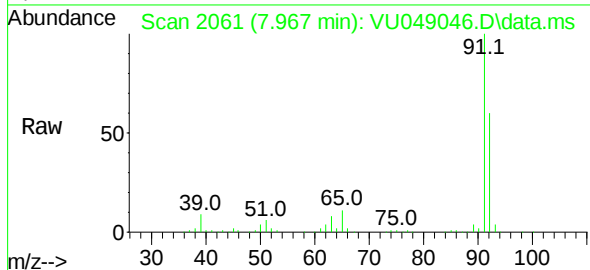
ClientSampleId :

Tgt Ion: 91 Resp: 473930

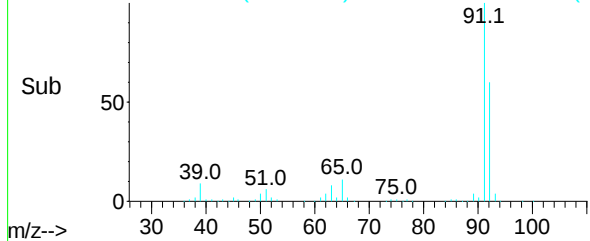
Ion Ratio Lower Upper

91 100

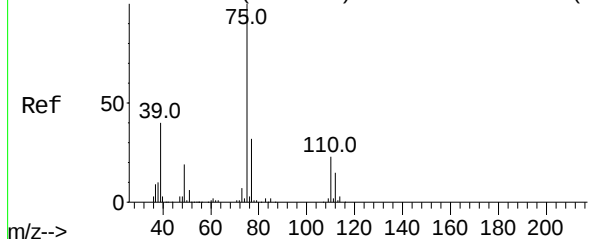
92 59.7 41.6 77.3



Abundance Scan 2061 (7.967 min): VU049046.D\data.ms (-1969)



Abundance Scan 2137 (8.211 min): VU049025.D\data.ms (-2174)



trans-1,3-Dichloropropene

Concen: 42.216 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU049046.D

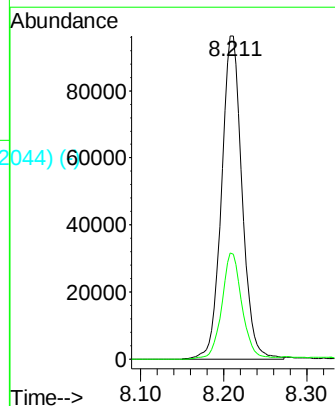
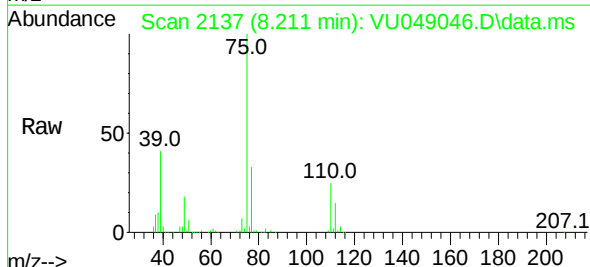
Acq: 11 Jun 2022 11:03

Tgt Ion: 75 Resp: 164990

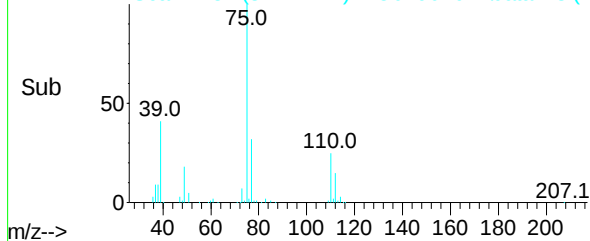
Ion Ratio Lower Upper

75 100

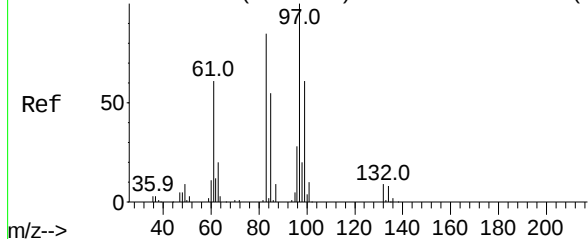
77 32.5 21.9 40.7



Abundance Scan 2137 (8.211 min): VU049046.D\data.ms (-2044)

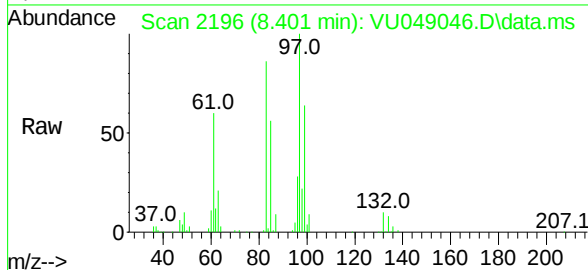


Abundance Scan 2196 (8.401 min): VU049025.D\data.ms (-2103) (-)

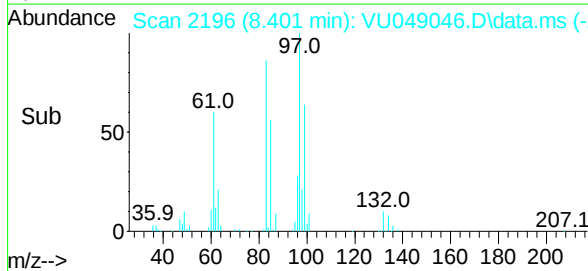
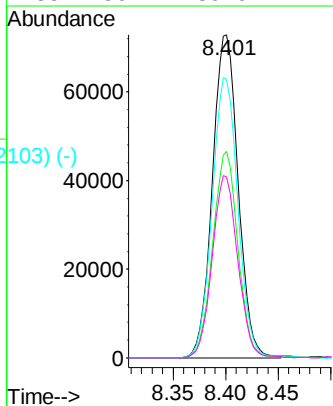


1,1,2-Trichloroethane
Concen: 47.720 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU049046.D
Acq: 11 Jun 2022 11:03

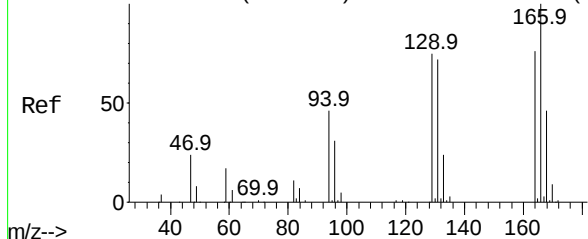
Instrument :
MSVOA_U
ClientSampleId :



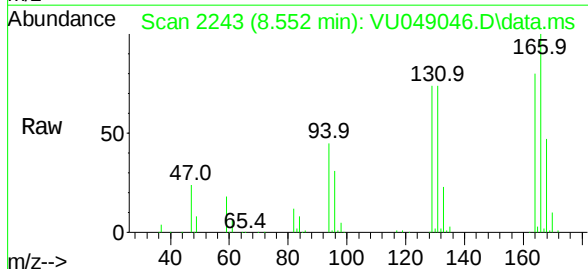
Tgt Ion:	97	Resp:	124035
Ion	Ratio	Lower	Upper
97	100		
99	64.0	43.5	80.9
83	86.1	60.3	112.1
85	56.1	39.9	74.1



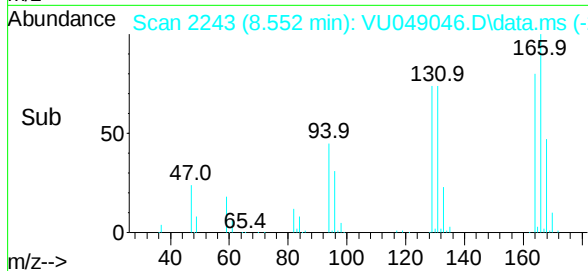
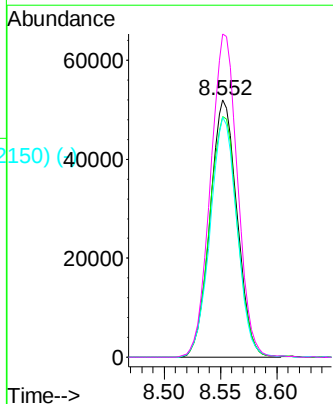
Abundance Scan 2243 (8.552 min): VU049025.D\data.ms (-2243) (-)

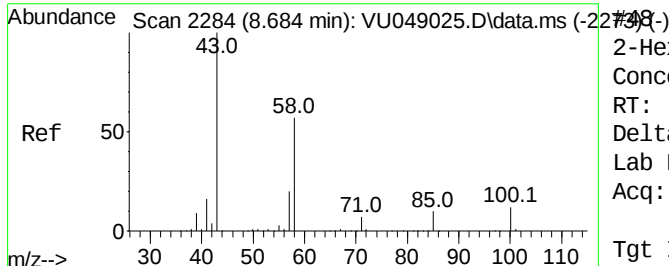


Tetrachloroethene
Concen: 46.656 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU049046.D
Acq: 11 Jun 2022 11:03



Tgt Ion:	164	Resp:	86729
Ion	Ratio	Lower	Upper
164	100		
129	93.5	70.9	131.7
131	93.3	66.2	123.0
166	125.7	88.1	163.5





2-Hexanone

Concen: 95.381 ug/L

RT: 8.684 min Scan# 2284

Delta R.T. 0.000 min

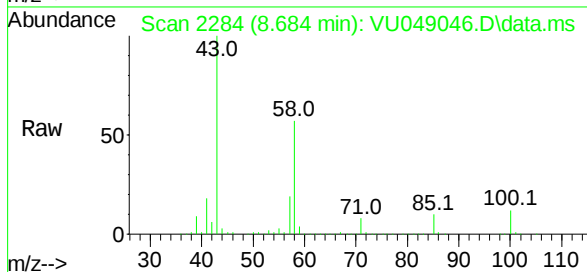
Lab File: VU049046.D

Acq: 11 Jun 2022 11:03

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 43 Resp: 350415

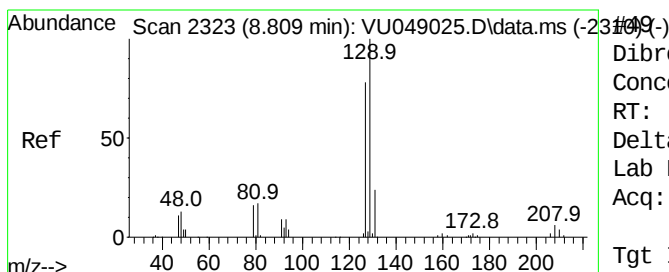
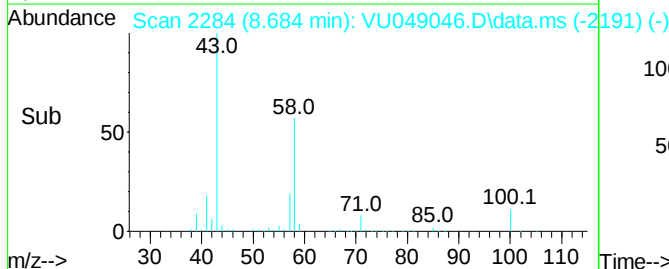
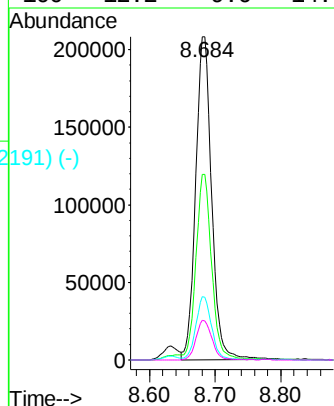
Ion Ratio Lower Upper

43 100

58 55.8 45.8 68.8

57 19.1 16.2 24.4

100 12.2 9.6 14.4



Dibromochloromethane

Concen: 47.227 ug/L

RT: 8.809 min Scan# 2323

Delta R.T. 0.000 min

Lab File: VU049046.D

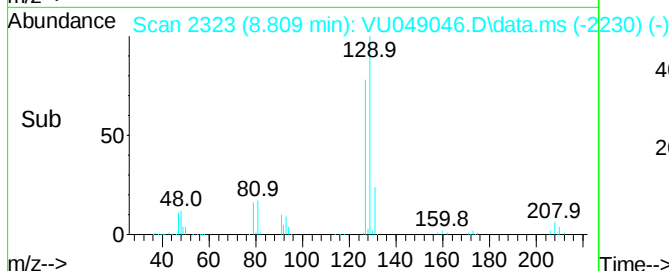
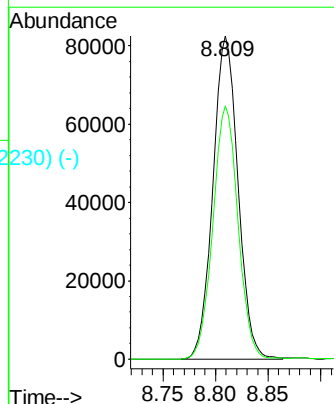
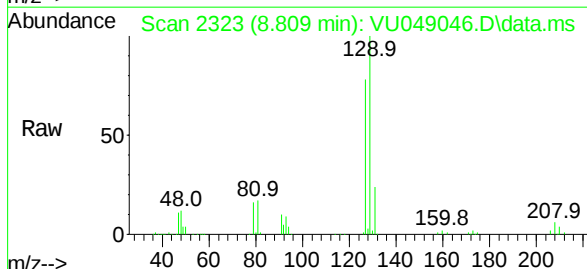
Acq: 11 Jun 2022 11:03

Tgt Ion:129 Resp: 136675

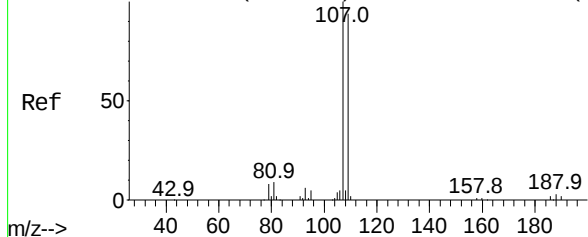
Ion Ratio Lower Upper

129 100

127 78.4 53.5 99.5



Abundance Scan 2358 (8.922 min): VU049025.D\data.ms (-23450-)



1,2-Dibromoethane

Concen: 48.503 ug/L

RT: 8.922 min Scan# 2358

Delta R.T. 0.000 min

Lab File: VU049046.D

Acq: 11 Jun 2022 11:03

Instrument :

MSVOA_U

ClientSampleId :

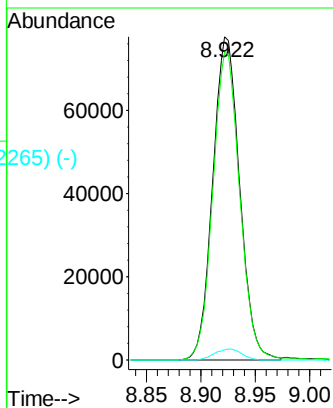
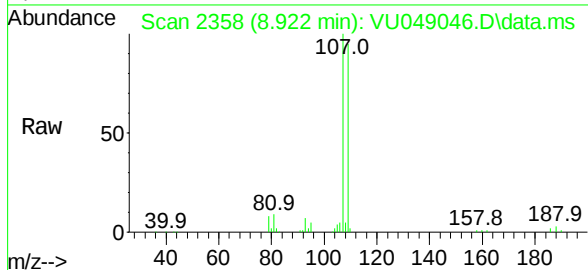
Tgt Ion:107 Resp: 132626

Ion Ratio Lower Upper

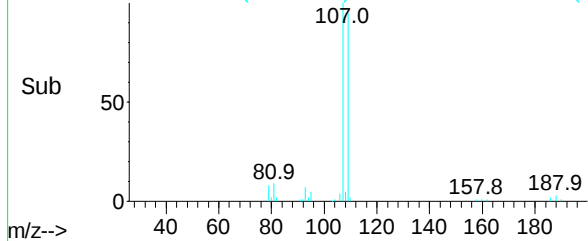
107 100

109 95.2 67.2 124.8

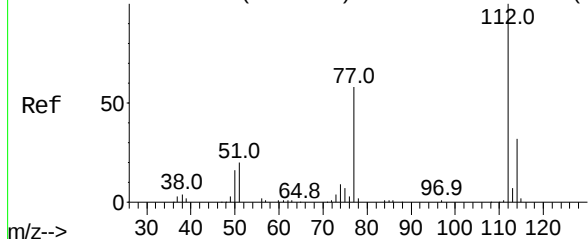
188 3.1 2.7 4.1



Abundance Scan 2358 (8.922 min): VU049046.D\data.ms (-2265) (-)



Abundance Scan 2521 (9.446 min): VU049025.D\data.ms (-25051-)



Chlorobenzene

Concen: 46.652 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. 0.000 min

Lab File: VU049046.D

Acq: 11 Jun 2022 11:03

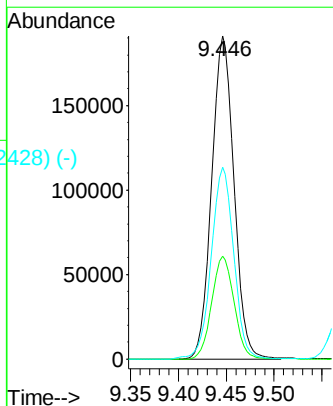
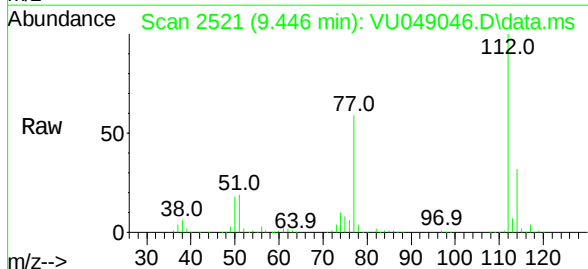
Tgt Ion:112 Resp: 310050

Ion Ratio Lower Upper

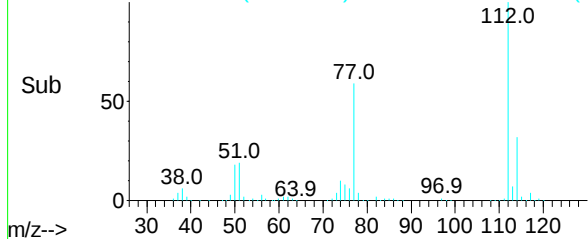
112 100

114 31.9 22.3 41.3

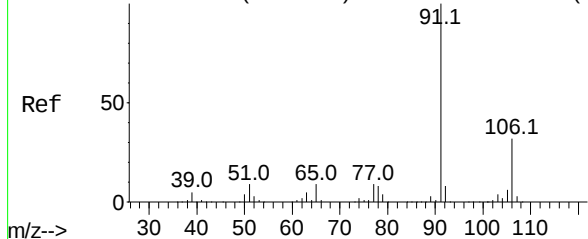
77 59.3 47.1 70.7



Abundance Scan 2521 (9.446 min): VU049046.D\data.ms (-2428) (-)



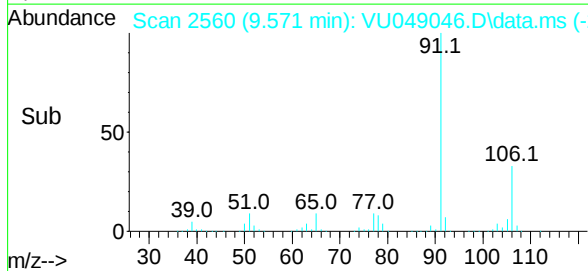
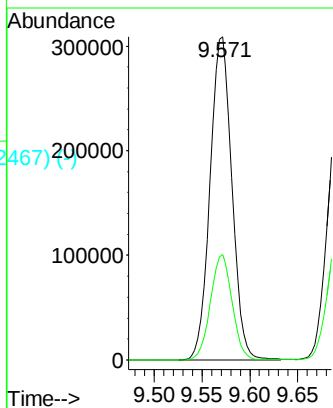
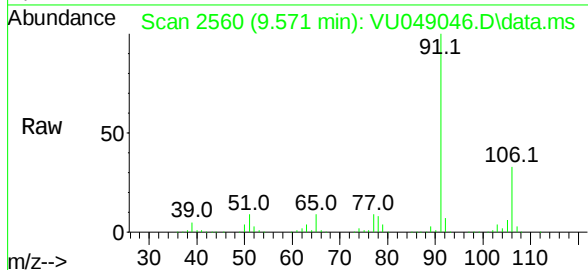
Abundance Scan 2560 (9.571 min): VU049025.D\data.ms (-25462-)



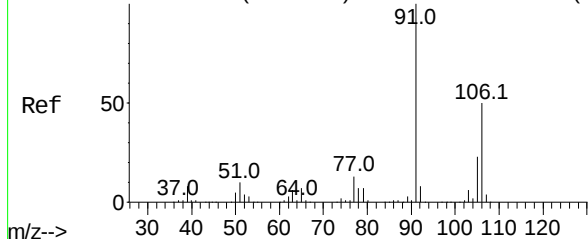
Ethylbenzene
Concen: 45.888 ug/L
RT: 9.571 min Scan# 490533
Delta R.T. 0.000 min
Lab File: VU049046.D
Acq: 11 Jun 2022 11:03

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 91 Resp: 490533
Ion Ratio Lower Upper
91 100
106 32.6 21.6 40.2

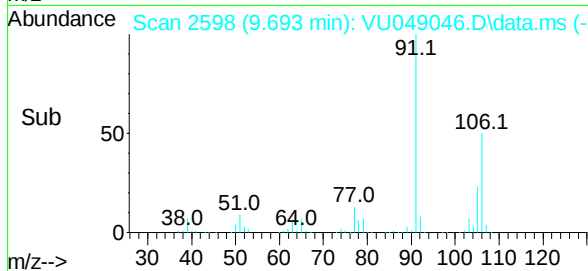
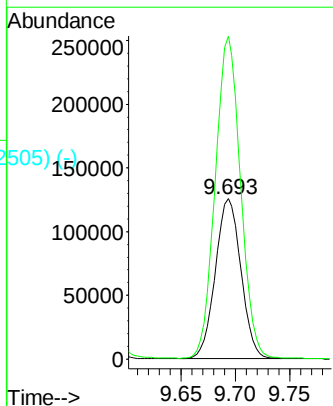
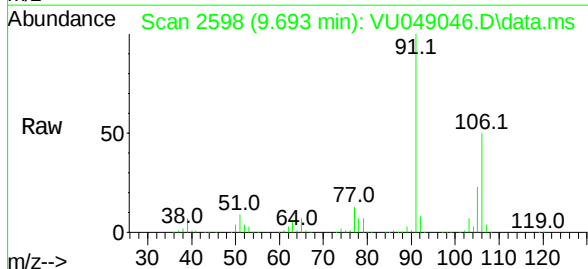


Abundance Scan 2598 (9.693 min): VU049025.D\data.ms (-25453-)

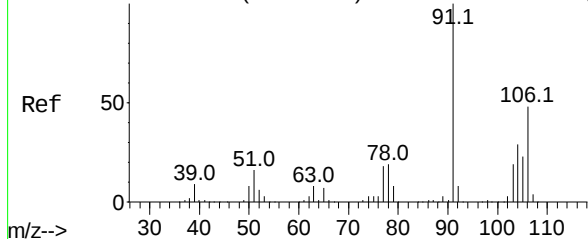


m,p-Xylene
Concen: 48.848 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU049046.D
Acq: 11 Jun 2022 11:03

Tgt Ion:106 Resp: 205059
Ion Ratio Lower Upper
106 100
91 201.4 137.4 255.2



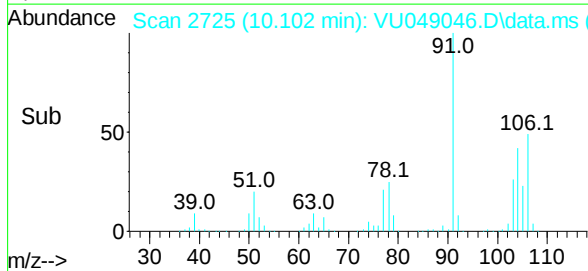
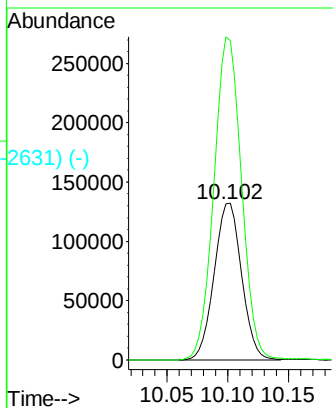
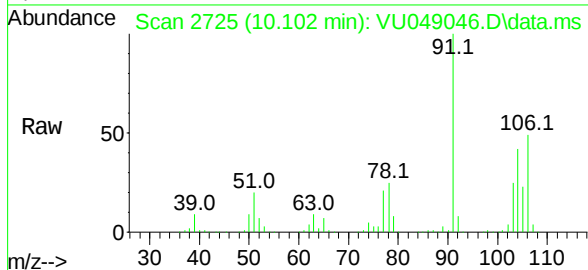
Abundance Scan 2724 (10.098 min): VU049025.D\data.ms (-2754) (-)



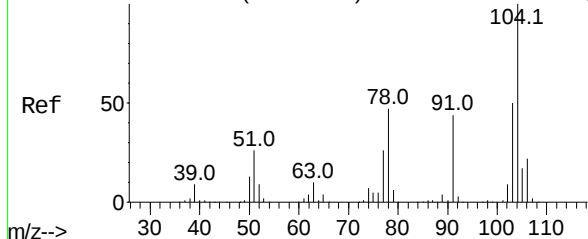
o-Xylene
Concen: 48.889 ug/L
RT: 10.102 min Scan# 2724
Delta R.T. 0.003 min
Lab File: VU049046.D
Acq: 11 Jun 2022 11:03

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:106 Resp: 206775
Ion Ratio Lower Upper
106 100
91 203.9 145.2 269.6

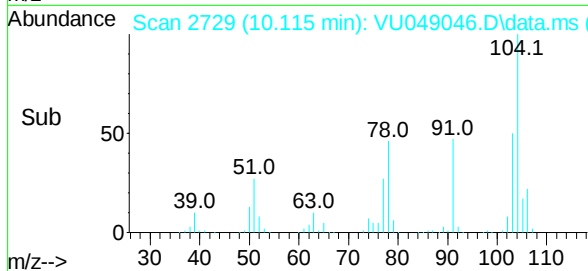
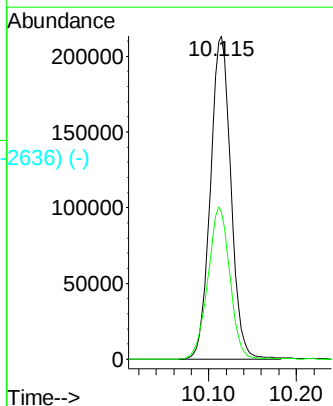
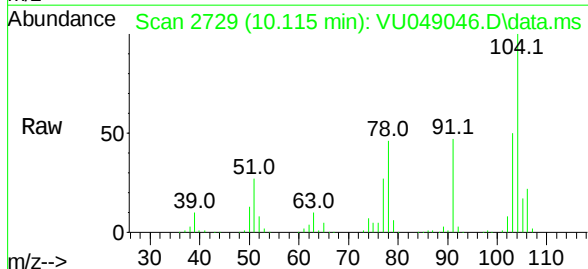


Abundance Scan 2729 (10.115 min): VU049025.D\data.ms (-2755) (-)

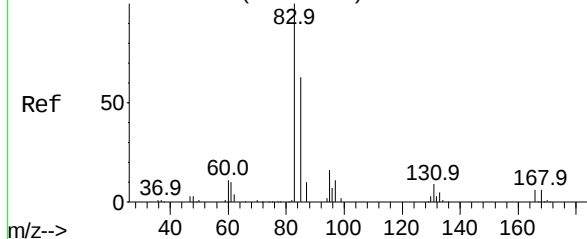


Styrene
Concen: 48.723 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU049046.D
Acq: 11 Jun 2022 11:03

Tgt Ion:104 Resp: 344130
Ion Ratio Lower Upper
104 100
78 45.6 32.6 60.6



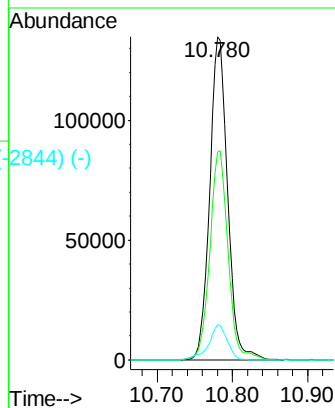
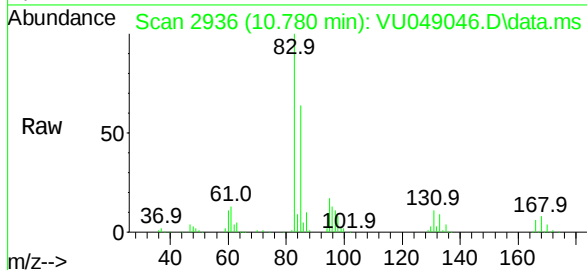
Abundance Scan 2937 (10.783 min): VU049025.D\data.ms (-2937) (-)



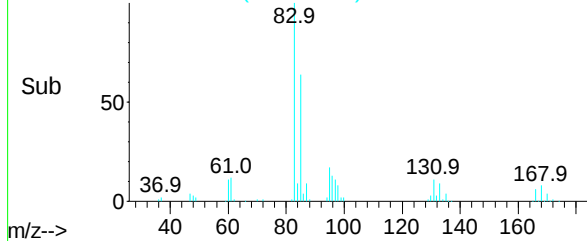
1,1,2,2-Tetrachloroethane
Concen: 45.822 ug/L
RT: 10.780 min Scan# 2937
Delta R.T. -0.003 min
Lab File: VU049046.D
Acq: 11 Jun 2022 11:03

Instrument :
MSVOA_U
ClientSampleId :

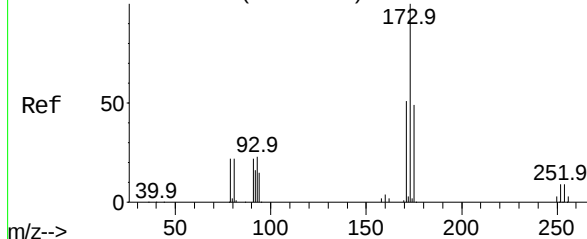
Tgt Ion:	83	Resp:	221954
Ion	Ratio	Lower	Upper
83	100		
85	64.4	44.5	82.7
131	10.8	7.6	11.4



Abundance Scan 2936 (10.780 min): VU049046.D\data.ms (-2844) (-)

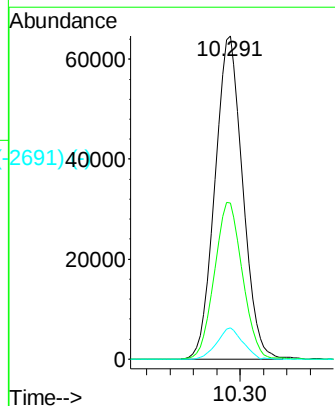
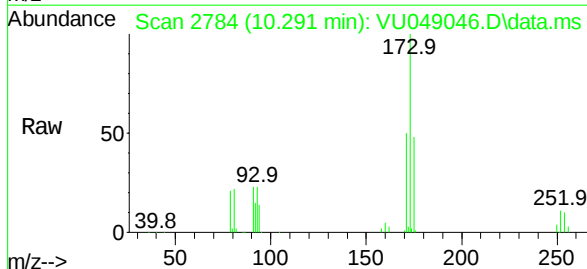


Abundance Scan 2784 (10.291 min): VU049025.D\data.ms (-2750) (-)

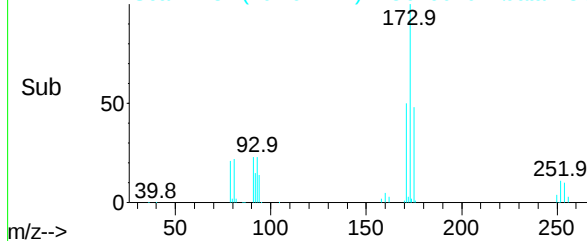


Bromoform
Concen: 46.733 ug/L
RT: 10.291 min Scan# 2784
Delta R.T. 0.000 min
Lab File: VU049046.D
Acq: 11 Jun 2022 11:03

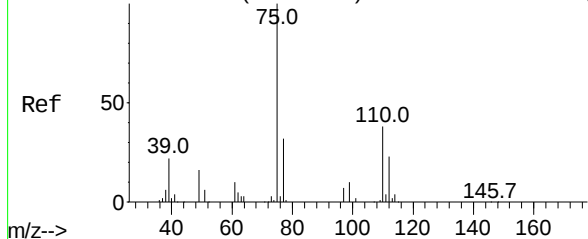
Tgt Ion:	173	Resp:	106393
Ion	Ratio	Lower	Upper
173	100		
175	48.9	37.8	56.8
254	8.9	7.2	10.8



Abundance Scan 2784 (10.291 min): VU049046.D\data.ms (-2691) (-)



Abundance Scan 2949 (10.822 min): VU049025.D\data.ms (-2950) (-)



1,2,3-Trichloropropane

Concen: 47.364 ug/L

RT: 10.822 min Scan# 2949

Delta R.T. 0.000 min

Lab File: VU049046.D

Acq: 11 Jun 2022 11:03

Instrument :

MSVOA_U

ClientSampleId :

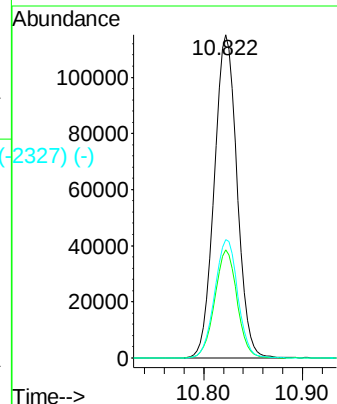
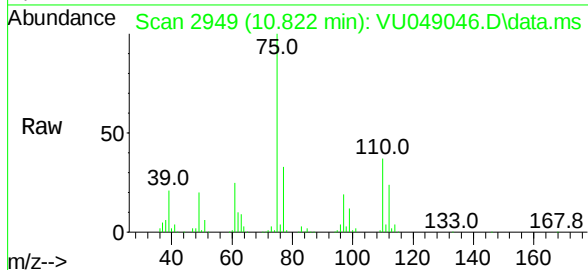
Tgt Ion: 75 Resp: 185333

Ion Ratio Lower Upper

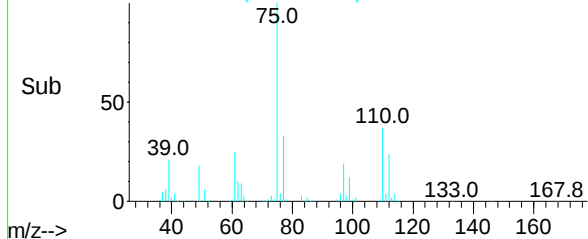
75 100

77 32.8 26.6 40.0

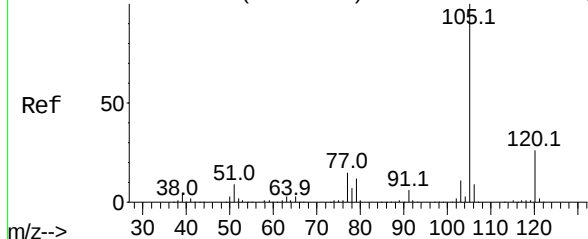
110 37.2 30.2 45.4



Abundance Scan 2949 (10.822 min): VU049046.D\data.ms (-2327) (-)



Abundance Scan 2844 (10.484 min): VU049025.D\data.ms (-2850) (-)



Isopropylbenzene

Concen: 49.712 ug/L

RT: 10.484 min Scan# 2844

Delta R.T. 0.000 min

Lab File: VU049046.D

Acq: 11 Jun 2022 11:03

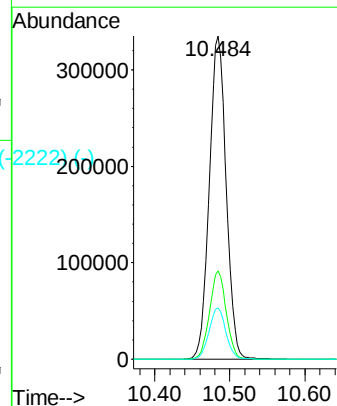
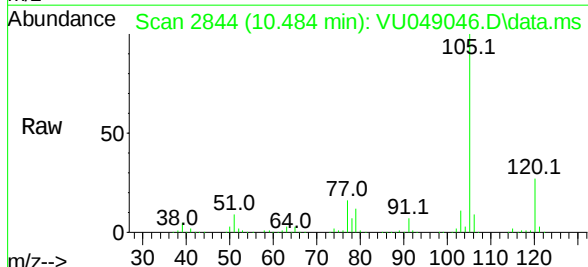
Tgt Ion: 105 Resp: 520918

Ion Ratio Lower Upper

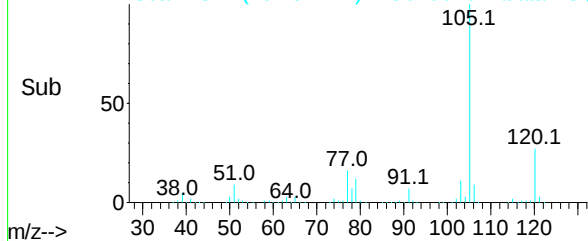
105 100

120 26.9 21.1 31.7

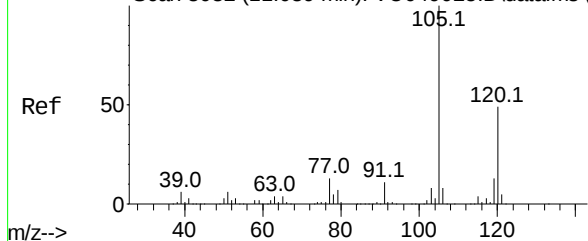
77 15.8 12.7 19.1



Abundance Scan 2844 (10.484 min): VU049046.D\data.ms (-2222) (-)



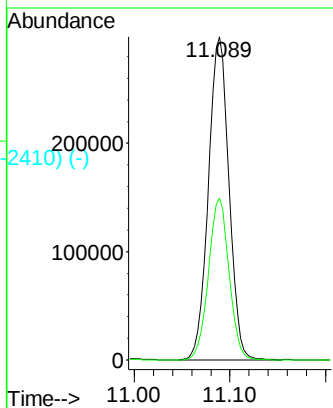
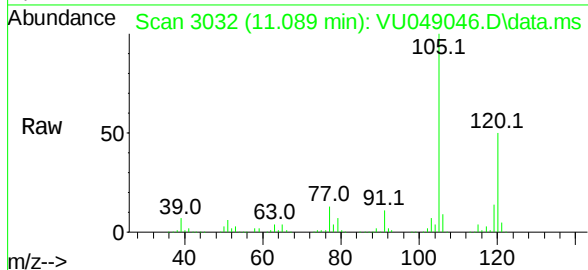
Abundance Scan 3032 (11.089 min): VU049025.D\data.ms (-3032) (-)



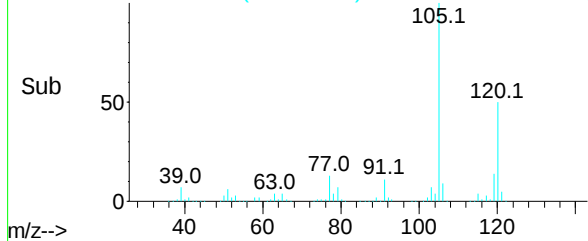
1,3,5-Trimethylbenzene
Concen: 49.772 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU049046.D
Acq: 11 Jun 2022 11:03

Instrument :
MSVOA_U
ClientSampleId :

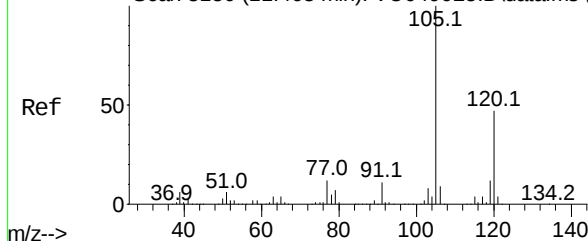
Tgt Ion:105 Resp: 445263
Ion Ratio Lower Upper
105 100
120 50.1 39.1 58.7



Abundance Scan 3032 (11.089 min): VU049046.D\data.ms (-2410) (-)

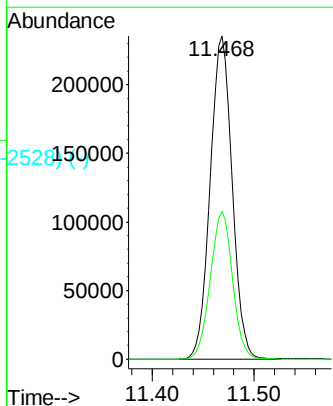
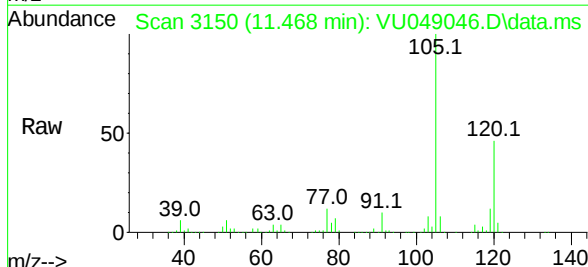


Abundance Scan 3150 (11.468 min): VU049025.D\data.ms (-3150) (-)

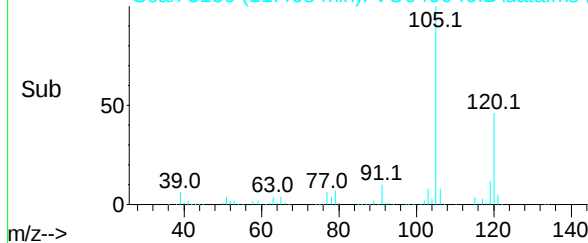


1,2,4-Trimethylbenzene
Concen: 49.566 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU049046.D
Acq: 11 Jun 2022 11:03

Tgt Ion:105 Resp: 353028
Ion Ratio Lower Upper
105 100
120 46.3 36.3 54.5



Abundance Scan 3150 (11.468 min): VU049046.D\data.ms (-2528) (-)



Abundance Scan 3236 (11.745 min): VU049025.D\data.ms (-3236) (-)

1,3-Dichlorobenzene

Concen: 46.148 ug/L

RT: 11.745 min Scan# 3236

Delta R.T. 0.000 min

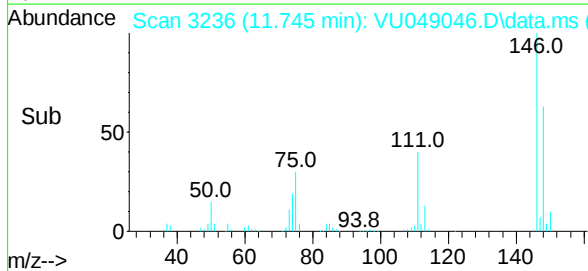
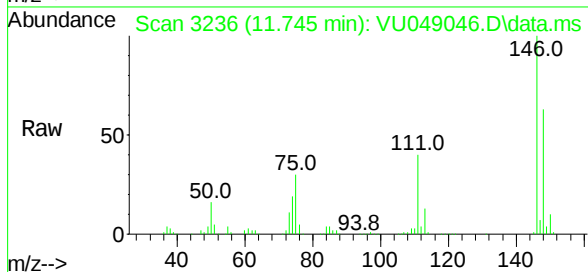
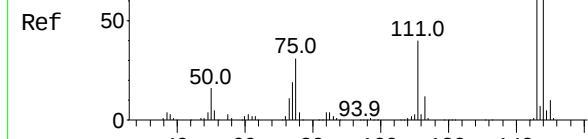
Lab File: VU049046.D

Acq: 11 Jun 2022 11:03

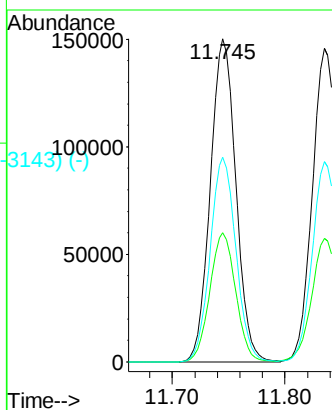
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	146	Resp:	237207
Ion Ratio	Lower	Upper	
146	100		
111	40.1	29.8	55.3
148	63.3	45.8	85.0



Abundance Scan 3264 (11.835 min): VU049025.D\data.ms (-3264) (-)

1,4-Dichlorobenzene

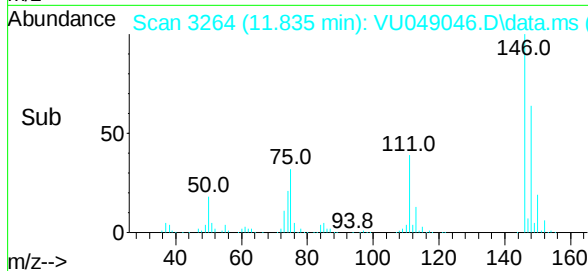
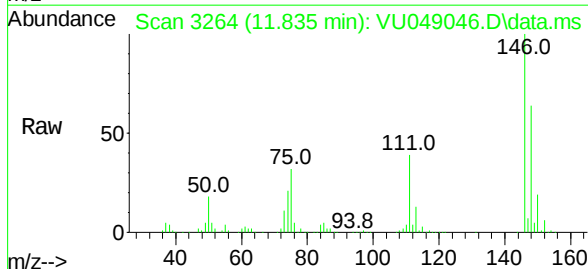
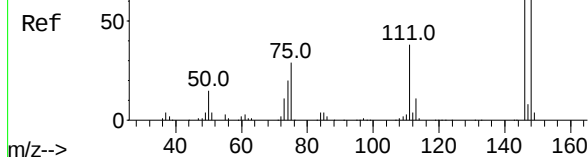
Concen: 44.868 ug/L

RT: 11.835 min Scan# 3264

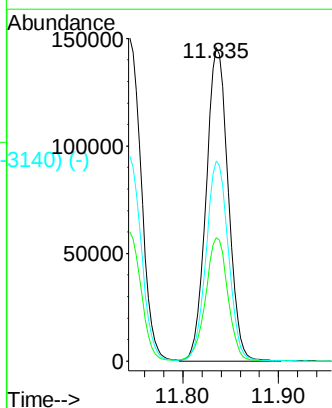
Delta R.T. 0.000 min

Lab File: VU049046.D

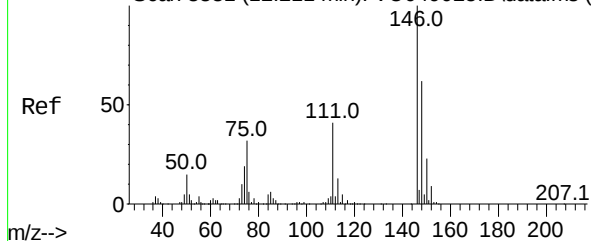
Acq: 11 Jun 2022 11:03



Tgt Ion:	146	Resp:	233506
Ion Ratio	Lower	Upper	
146	100		
111	39.4	28.1	52.1
148	63.8	44.9	83.3



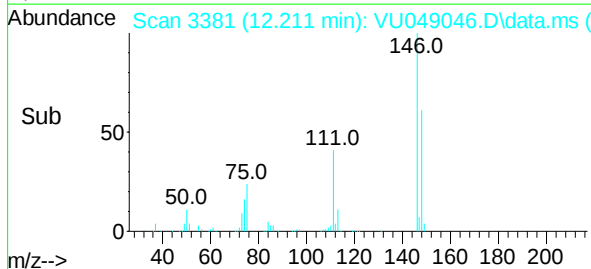
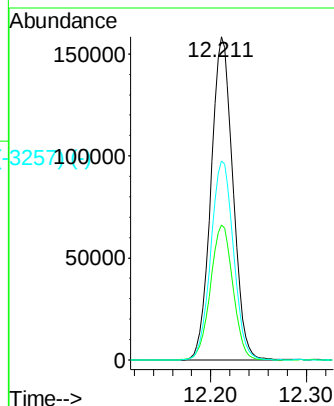
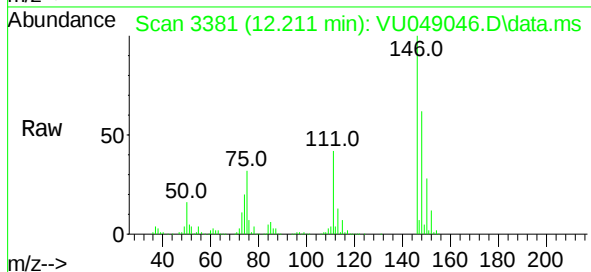
Abundance Scan 3381 (12.211 min): VU049025.D\data.ms (-3367) (-)



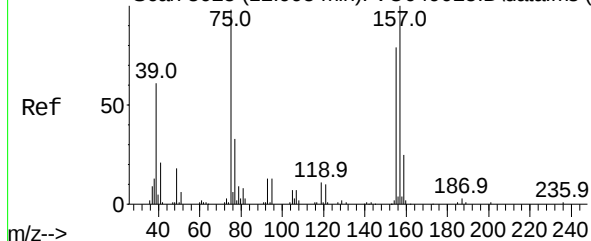
1,2-Dichlorobenzene
Concen: 47.288 ug/L
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU049046.D
Acq: 11 Jun 2022 11:03

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.9	33.9	50.9
148	61.7	50.2	75.2

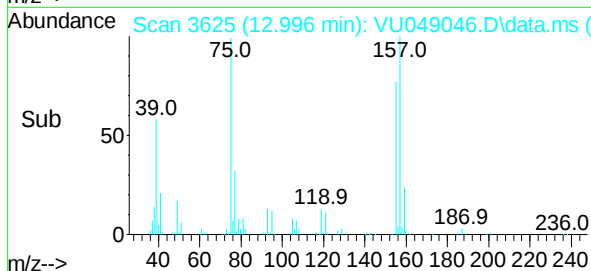
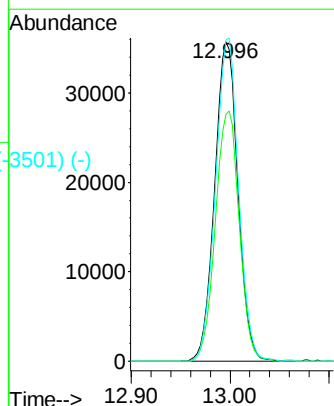
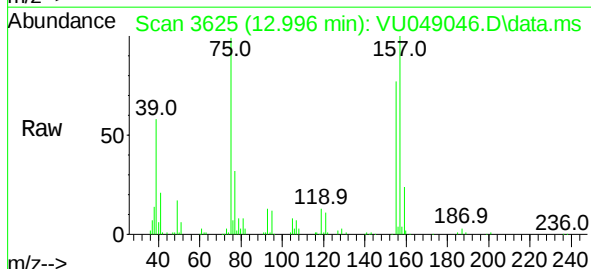


Abundance Scan 3625 (12.996 min): VU049025.D\data.ms (-3610) (-)

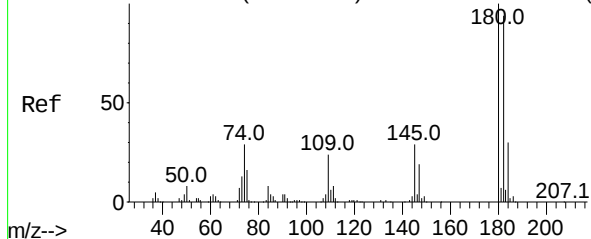


1,2-Dibromo-3-chloropropane
Concen: 45.676 ug/L
RT: 12.996 min Scan# 3625
Delta R.T. 0.000 min
Lab File: VU049046.D
Acq: 11 Jun 2022 11:03

Tgt Ion	Ratio	Lower	Upper
75	100		
155	77.4	61.0	91.6
157	100.6	77.6	116.4

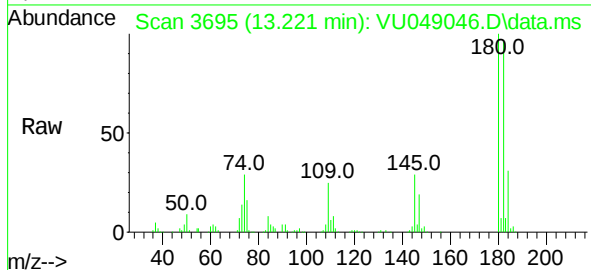


Abundance Scan 3695 (13.221 min): VU049025.D\data.ms (-3669) (-)

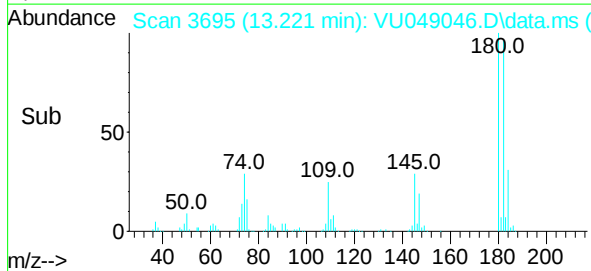
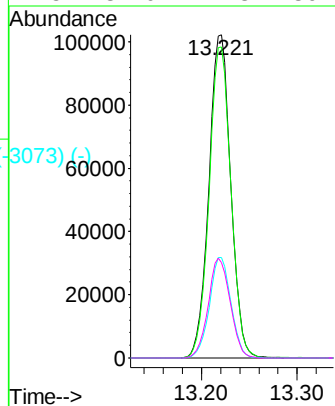


1,3,5-Trichlorobenzene
Concen: 44.080 ug/L
RT: 13.221 min Scan# 3695
Delta R.T. 0.000 min
Lab File: VU049046.D
Acq: 11 Jun 2022 11:03

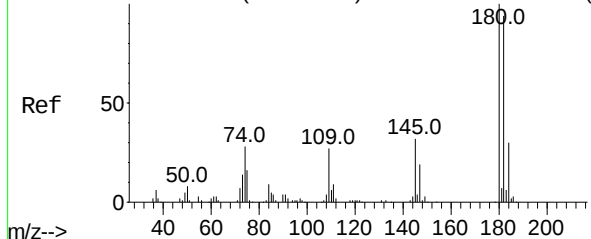
Instrument :
MSVOA_U
ClientSampleId :



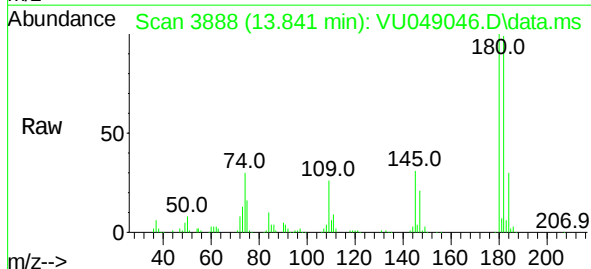
Tgt Ion:	180	Resp:	161863
Ion	Ratio	Lower	Upper
180	100		
182	96.0	76.0	114.0
184	30.6	24.5	36.7
145	31.0	24.3	36.5



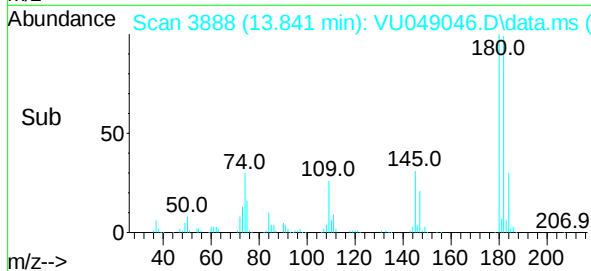
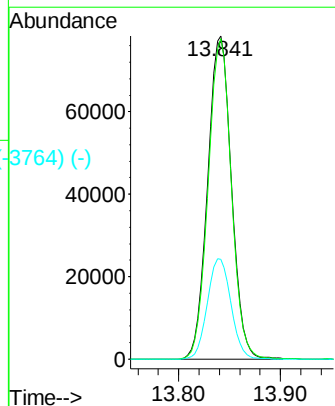
Abundance Scan 3888 (13.841 min): VU049025.D\data.ms (-3676) (-)

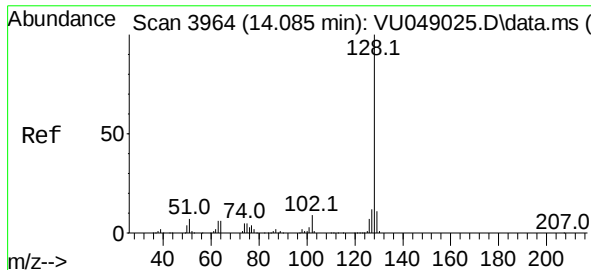


1,2,4-trichlorobenzene
Concen: 40.893 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. 0.000 min
Lab File: VU049046.D
Acq: 11 Jun 2022 11:03



Tgt Ion:	180	Resp:	126979
Ion	Ratio	Lower	Upper
180	100		
182	96.9	78.2	117.2
145	30.8	25.0	37.4





Naphthalene

Concen: 38.539 ug/L

RT: 14.089 min Scan#

Delta R.T. 0.003 min

Lab File: VU049046.D

Acq: 11 Jun 2022 11:03

Instrument :

MSVOA_U

ClientSampleId :

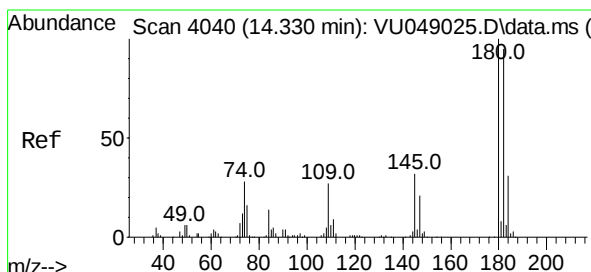
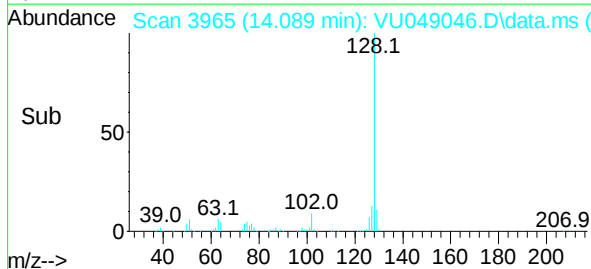
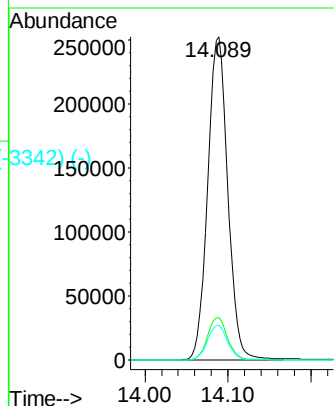
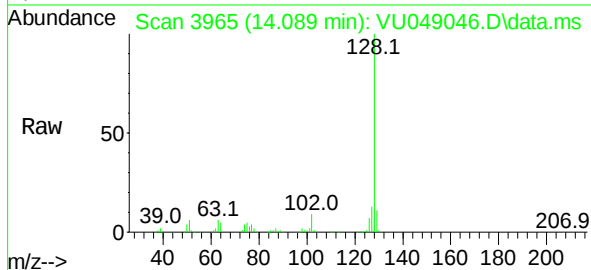
Tgt Ion:128 Resp: 423380

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.4

129 10.8 8.6 12.8



1,2,3-Trichlorobenzene

Concen: 43.080 ug/L

RT: 14.330 min Scan# 4040

Delta R.T. 0.000 min

Lab File: VU049046.D

Acq: 11 Jun 2022 11:03

Tgt Ion:180 Resp: 141499

Ion Ratio Lower Upper

180 100

182 95.3 77.3 115.9

145 32.6 26.3 39.5

