

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080522\
 Data File : VU050129.D
 Acq On : 06 Aug 2022 05:24
 Operator : SY/MD
 Sample : N4075-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 06 06:07:26 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	84341	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	85828	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	34123	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	25830	3.680	ug/L	0.00
Spiked Amount 5.000	Range 40	- 130	Recovery	=	73.600%	
7) Chloroethane-d5	1.909	69	24263	4.285	ug/L	0.00
Spiked Amount 5.000	Range 65	- 130	Recovery	=	85.600%	
11) 1,1-Dichloroethene-d2	2.565	65	9812	3.577	ug/L	0.00
Spiked Amount 5.000	Range 60	- 125	Recovery	=	71.600%	
20) 2-Butanone-d5	4.626	46	95340	55.701	ug/L	0.00
Spiked Amount 50.000	Range 40	- 130	Recovery	=	111.400%	
24) Chloroform-d	5.063	84	61393	4.702	ug/L	0.00
Spiked Amount 5.000	Range 70	- 125	Recovery	=	94.000%	
26) 1,2-Dichloroethane-d4	5.700	65	32465	4.843	ug/L	0.00
Spiked Amount 5.000	Range 70	- 130	Recovery	=	96.800%	
32) Benzene-d6	5.729	84	114541	4.277	ug/L	0.00
Spiked Amount 5.000	Range 70	- 125	Recovery	=	85.600%	
36) 1,2-Dichloropropane-d6	6.690	67	40976	4.646	ug/L	0.00
Spiked Amount 5.000	Range 60	- 140	Recovery	=	93.000%	
41) Toluene-d8	7.899	98	90446	3.823	ug/L	0.00
Spiked Amount 5.000	Range 70	- 130	Recovery	=	76.400%	
43) trans-1,3-Dichloroprop...	8.179	79	11875	3.757	ug/L	0.00
Spiked Amount 5.000	Range 55	- 130	Recovery	=	75.200%	
46) 2-Hexanone-d5	8.636	63	64460	57.512	ug/L	0.00
Spiked Amount 50.000	Range 45	- 130	Recovery	=	115.020%	
56) 1,1,2,2-Tetrachloroeth...	10.755	84	37609	4.856	ug/L	0.00
Spiked Amount 5.000	Range 65	- 120	Recovery	=	97.200%	
66) 1,2-Dichlorobenzene-d4	12.192	152	34673	5.186	ug/L	0.00
Spiked Amount 5.000	Range 80	- 120	Recovery	=	103.800%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.520	50	1723	0.170	ug/L	99
5) Vinyl chloride	1.604	62	1815	0.200	ug/L #	2
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	260	0.047	ug/L #	22
14) Carbon disulfide	2.793	76	7133	0.343	ug/L #	94
15) Methyl Acetate	2.961	43	448	0.172	ug/L #	46
17) Methyl tert-butyl Ether	3.366	73	14486	0.952	ug/L	98
18) trans-1,2-Dichloroethene	3.353	96	2030	0.311	ug/L	94
22) cis-1,2-Dichloroethene	4.668	96	3693	0.510	ug/L	89
25) Chloroform	5.018	83	30	0.002	ug/L #	17
33) Benzene	5.777	78	2154	0.072	ug/L	100
35) Methylcyclohexane	6.690	83	9430	1.004	ug/L #	18
37) 1,2-Dichloropropane	6.694	63	4351	0.543	ug/L #	89
45) 1,1,2-Trichloroethane	8.272	97	757	0.126	ug/L #	16
53) m,p-Xylene	9.693	106	1380	0.127	ug/L	98
60) Isopropylbenzene	10.484	105	5708	0.250	ug/L	99
61) 1,2,3-Trichloropropane	11.812	75	4434	0.954	ug/L #	67
62) 1,3,5-Trimethylbenzene	11.472	105	1509	0.234	ug/L	95
71) Naphthalene	14.086	128	7896	0.621	ug/L #	93

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Aug 06 06:03:36 2022
Response via : Initial Calibration

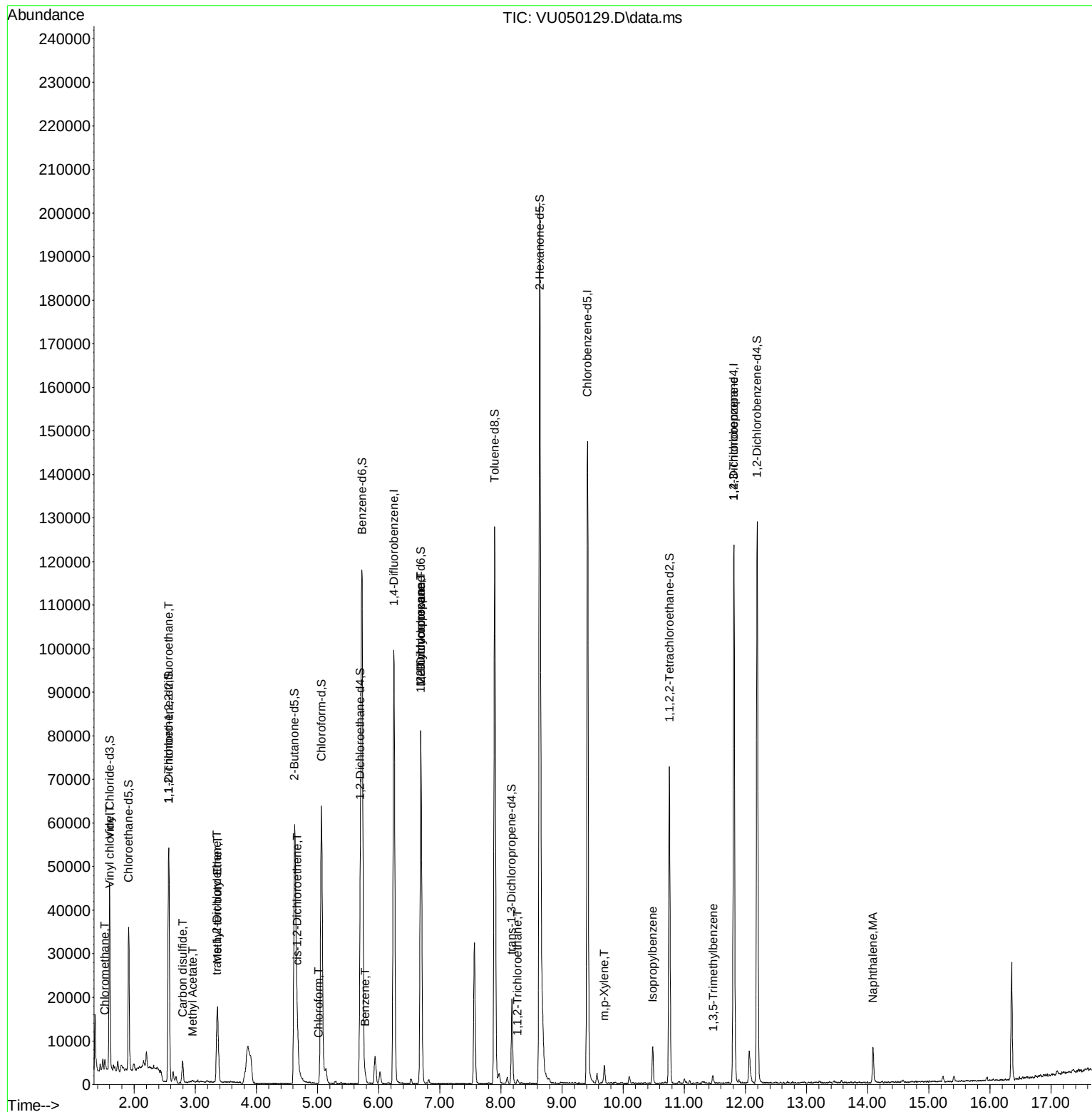
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

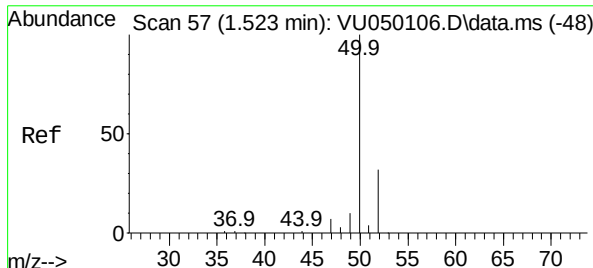
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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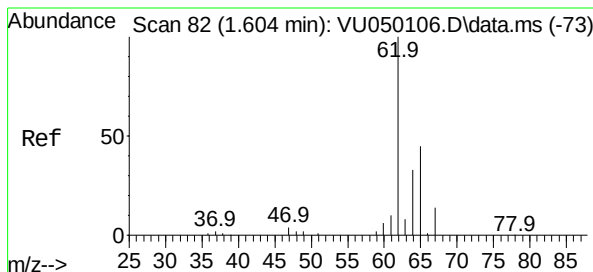
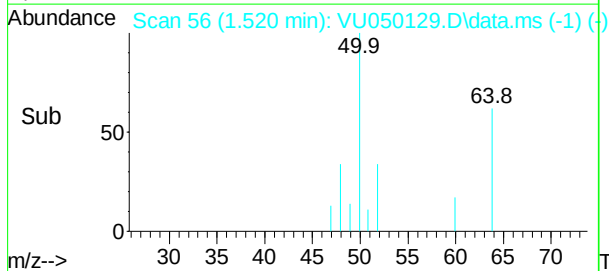
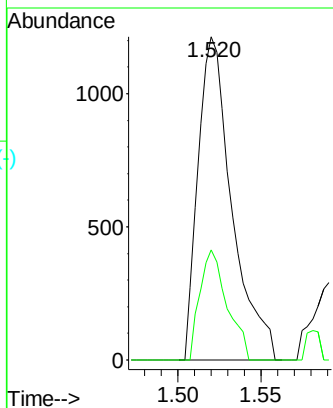
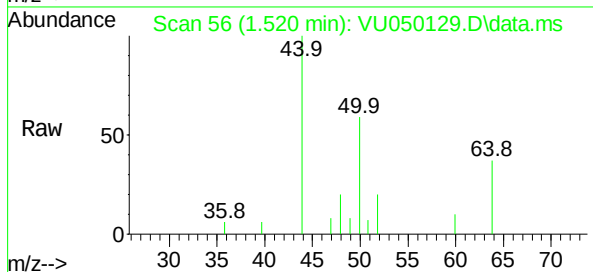




Chloromethane
 Concen: 0.170 ug/L
 RT: 1.520 min Scan# 1
 Delta R.T. -0.003 min
 Lab File: VU050129.D
 Acq: 06 Aug 2022 05:24

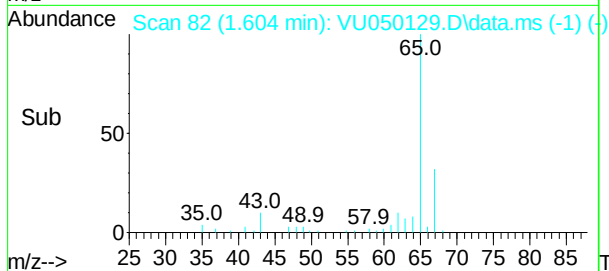
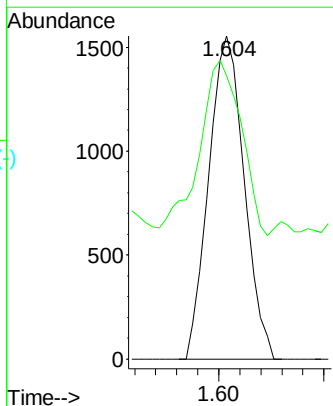
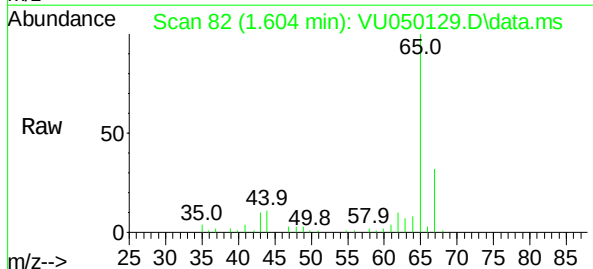
Instrument : MSVOA_U
 ClientSampleId :

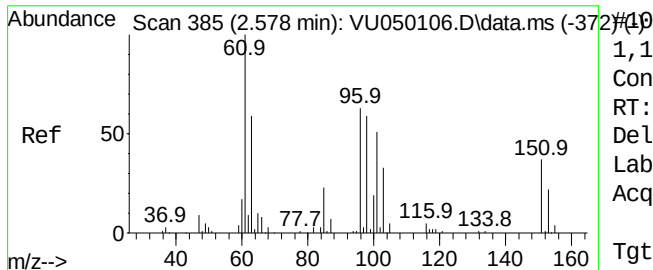
Tgt Ion: 50 Resp: 1723
 Ion Ratio Lower Upper
 50 100
 52 34.0 23.2 43.2



Vinyl chloride
 Concen: 0.200 ug/L
 RT: 1.604 min Scan# 82
 Delta R.T. 0.000 min
 Lab File: VU050129.D
 Acq: 06 Aug 2022 05:24

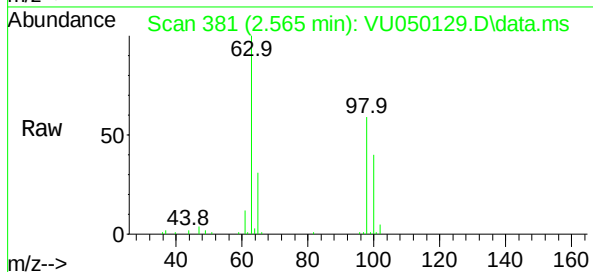
Tgt Ion: 62 Resp: 1815
 Ion Ratio Lower Upper
 62 100
 64 87.6 22.8 42.4#



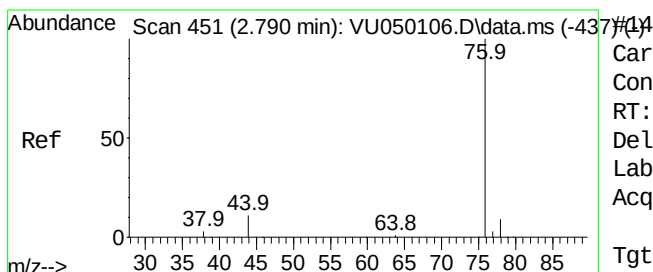
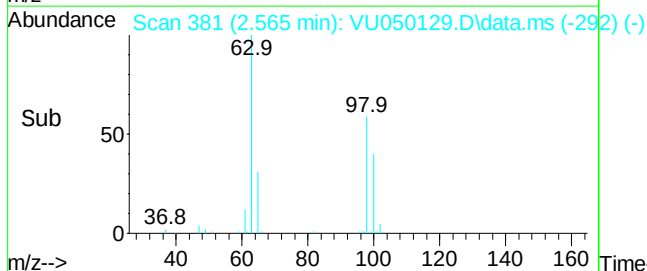
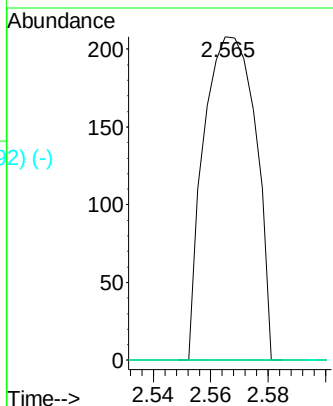


1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.047 ug/L
 RT: 2.565 min Scan# 410
 Delta R.T. -0.013 min
 Lab File: VU050129.D
 Acq: 06 Aug 2022 05:24

Instrument :
 MSVOA_U
 ClientSampleId :

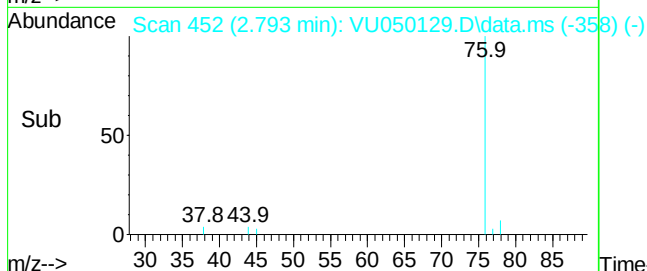
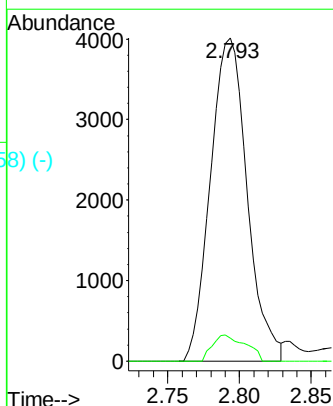
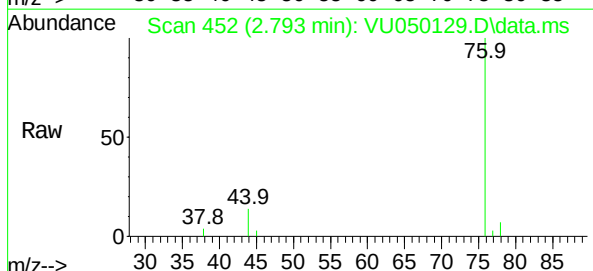


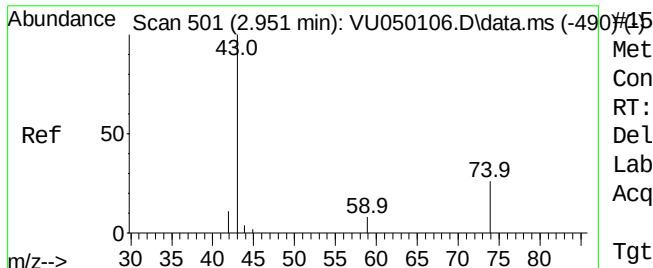
Tgt Ion	Ratio	Lower	Upper
101	100		
85	0.0	35.6	53.4#
151	0.0	55.2	82.8#



Carbon disulfide
 Concen: 0.343 ug/L
 RT: 2.793 min Scan# 452
 Delta R.T. 0.003 min
 Lab File: VU050129.D
 Acq: 06 Aug 2022 05:24

Tgt Ion	Ratio	Lower	Upper
76	100		
78	7.1	7.4	11.0#





Methyl Acetate

Concen: 0.172 ug/L

RT: 2.961 min Scan# 15

Delta R.T. 0.010 min

Lab File: VU050129.D

Acq: 06 Aug 2022 05:24

Instrument :

MSVOA_U

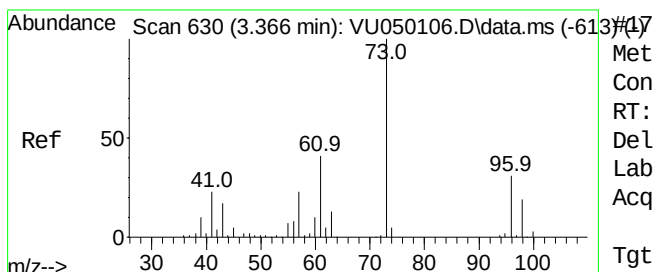
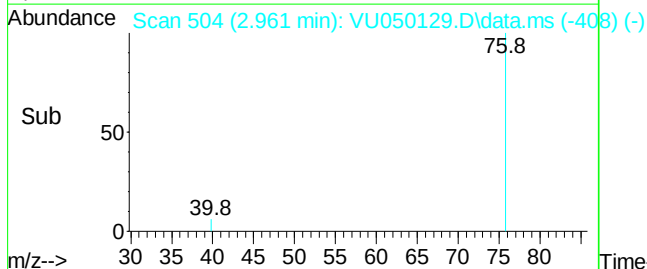
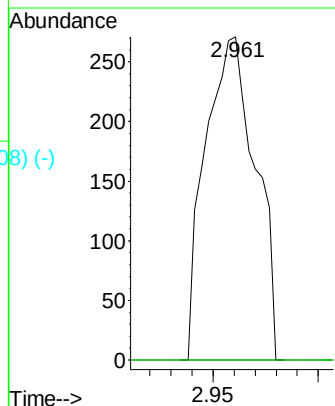
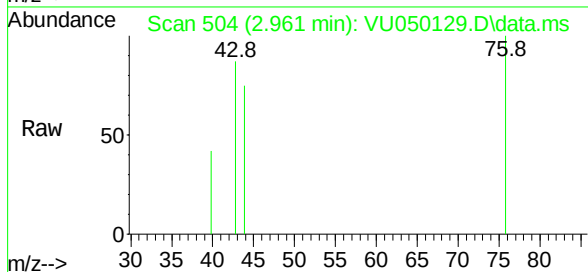
ClientSampleId :

Tgt Ion: 43 Resp: 448

Ion Ratio Lower Upper

43 100

74 0.0 22.7 34.1#



Methyl tert-butyl Ether

Concen: 0.952 ug/L

RT: 3.366 min Scan# 630

Delta R.T. 0.000 min

Lab File: VU050129.D

Acq: 06 Aug 2022 05:24

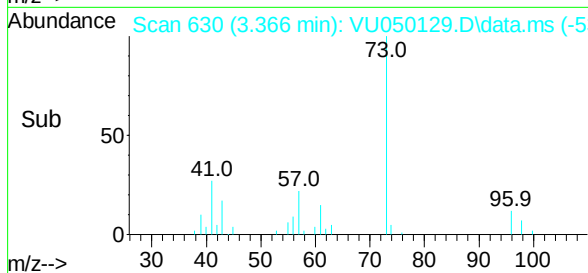
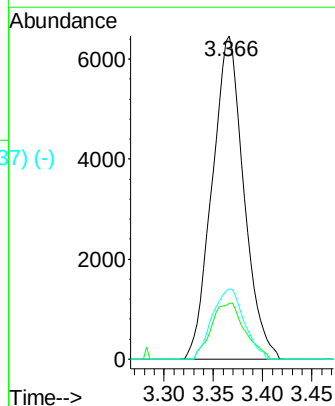
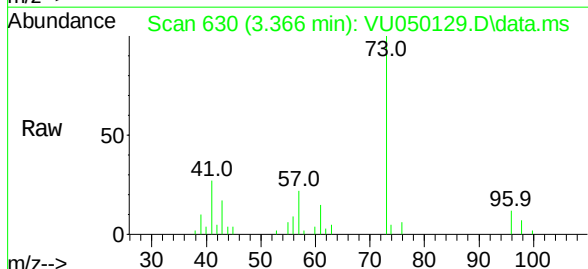
Tgt Ion: 73 Resp: 14486

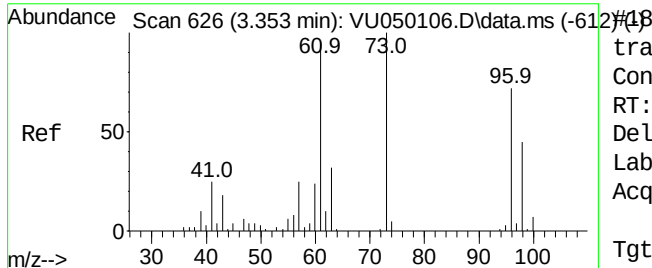
Ion Ratio Lower Upper

73 100

43 18.3 13.5 20.3

57 22.0 17.4 26.2

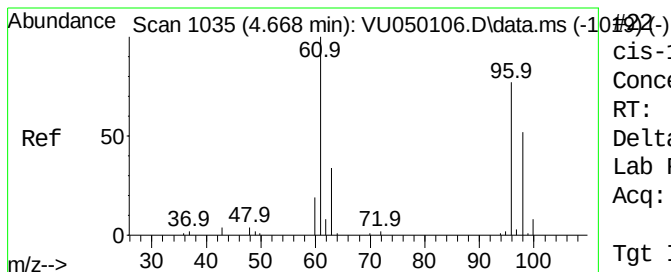
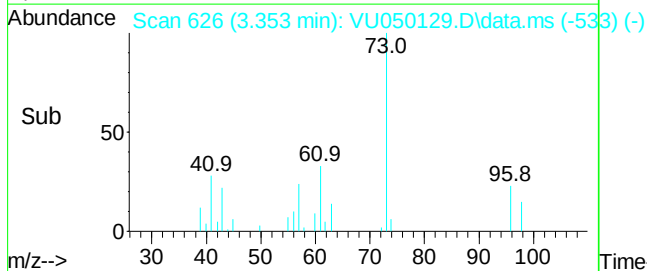
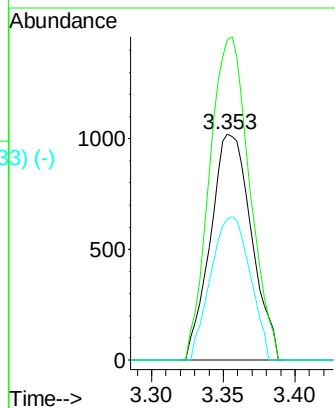
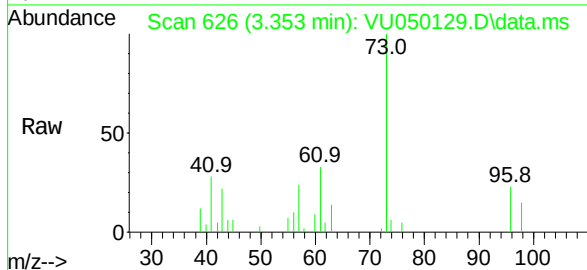




trans-1,2-Dichloroethene
Concen: 0.311 ug/L
RT: 3.353 min Scan# 18
Delta R.T. 0.000 min
Lab File: VU050129.D
Acq: 06 Aug 2022 05:24

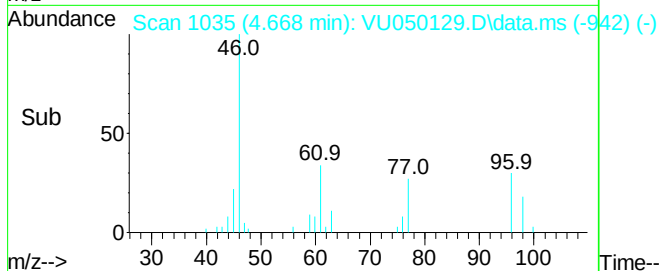
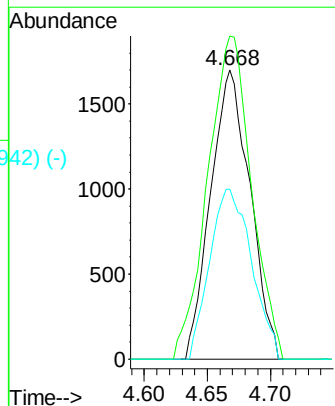
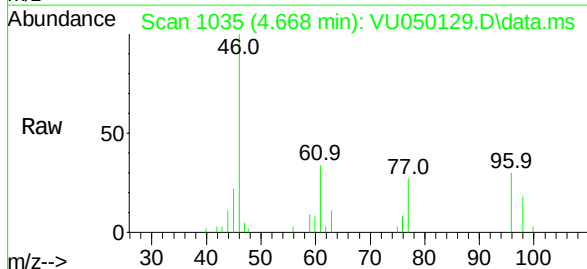
Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:	96	Resp:	2030
Ion	Ratio	Lower	Upper
96	100		
61	141.6	92.3	171.5
98	62.2	43.2	80.2

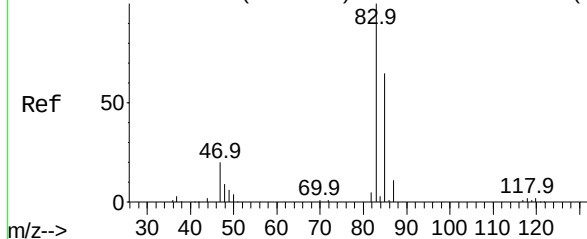


cis-1,2-Dichloroethene
Concen: 0.510 ug/L
RT: 4.668 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VU050129.D
Acq: 06 Aug 2022 05:24

Tgt Ion:	96	Resp:	3693
Ion	Ratio	Lower	Upper
96	100		
61	111.6	89.0	165.4
98	58.9	45.2	84.0



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



Chloroform

Concen: 0.002 ug/L

RT: 5.018 min Scan#

Delta R.T. -0.071 min

Lab File: VU050129.D

Acq: 06 Aug 2022 05:24

Instrument :

MSVOA_U

ClientSampleId :

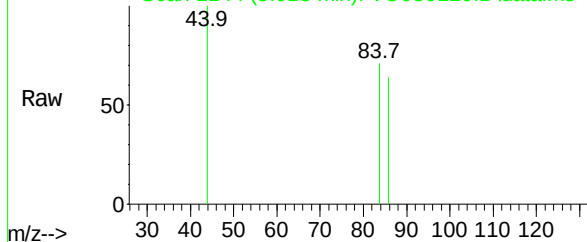
Tgt Ion: 83 Resp: 30

Ion Ratio Lower Upper

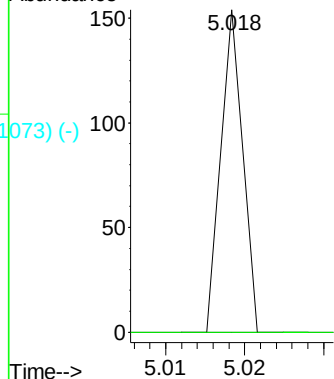
83 100

85 0.0 46.1 85.5#

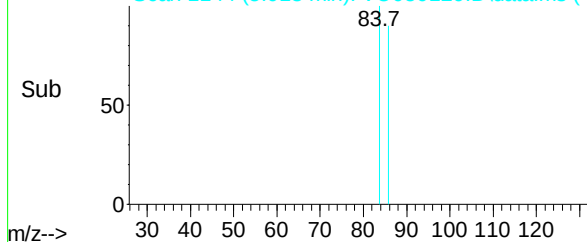
Abundance Scan 1144 (5.018 min): VU050129.D\data.ms



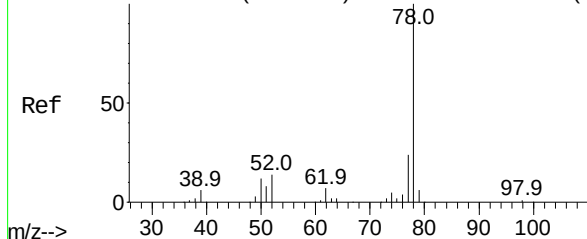
Abundance



Abundance Scan 1144 (5.018 min): VU050129.D\data.ms (-1073) (-)



Abundance Scan 1379 (5.774 min): VU050106.D\data.ms (-13563-)



Benzene

Concen: 0.072 ug/L

RT: 5.777 min Scan# 1380

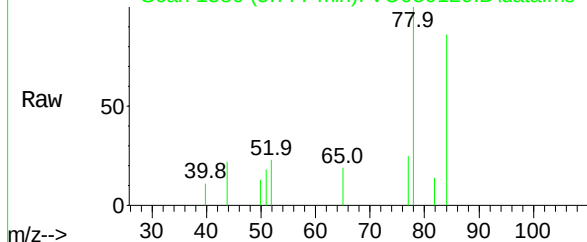
Delta R.T. 0.003 min

Lab File: VU050129.D

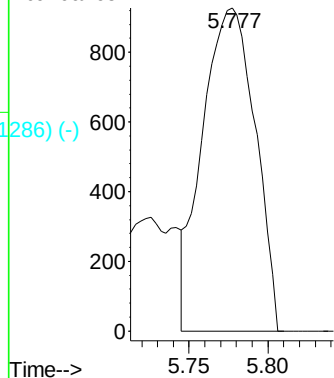
Acq: 06 Aug 2022 05:24

Tgt Ion: 78 Resp: 2154

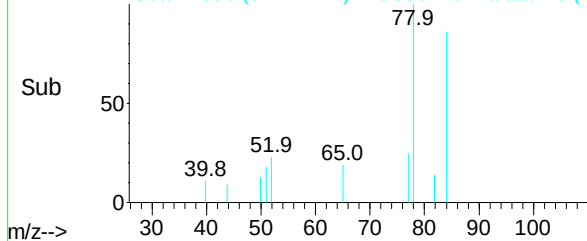
Abundance Scan 1380 (5.777 min): VU050129.D\data.ms



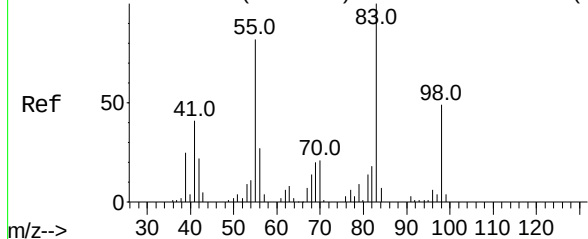
Abundance



Abundance Scan 1380 (5.777 min): VU050129.D\data.ms (-1286) (-)



Abundance Scan 1687 (6.764 min): VU050106.D\data.ms (-1679)



Methylcyclohexane

Concen: 1.004 ug/L

RT: 6.690 min Scan#

Delta R.T. -0.074 min

Lab File: VU050129.D

Acq: 06 Aug 2022 05:24

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ClientSampleId :

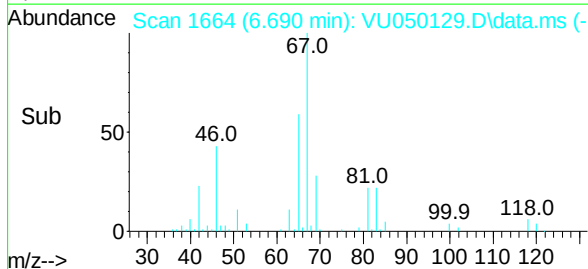
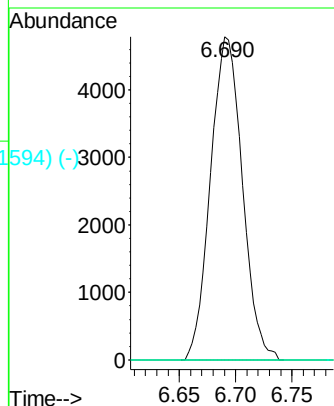
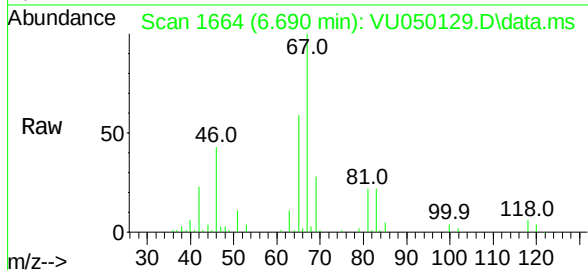
Tgt Ion: 83 Resp: 9430

Ion Ratio Lower Upper

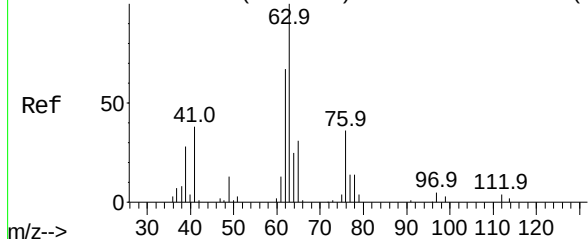
83 100

55 0.0 62.7 94.1#

98 0.9 36.2 54.2#



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



1,2-Dichloropropane

Concen: 0.543 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.100 min

Lab File: VU050129.D

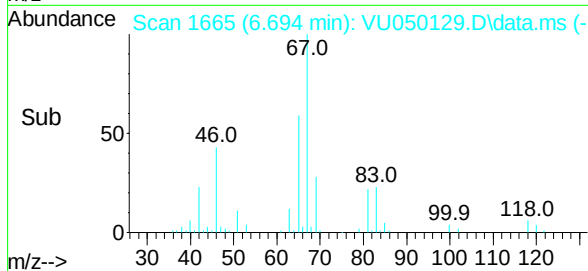
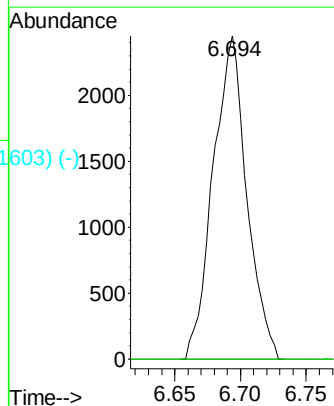
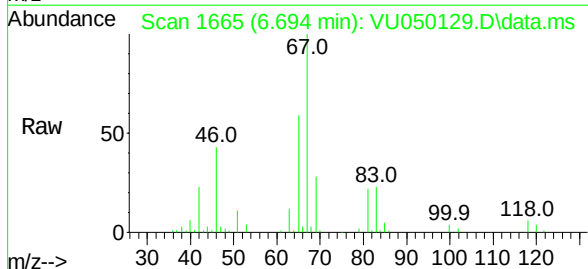
Acq: 06 Aug 2022 05:24

Tgt Ion: 63 Resp: 4351

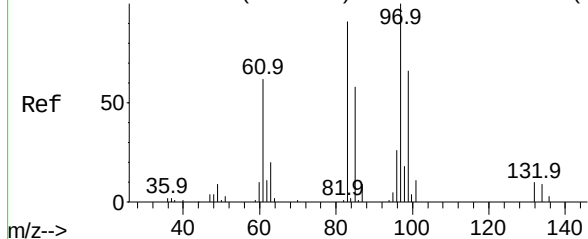
Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#

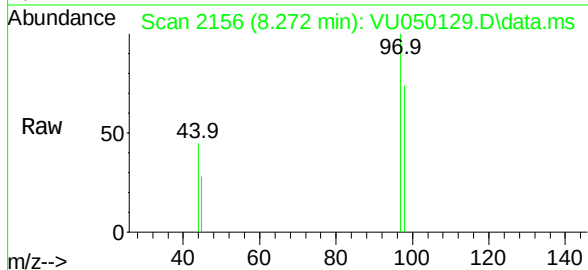


Abundance Scan 2196 (8.401 min): VU050106.D\data.ms (-2103) (-)

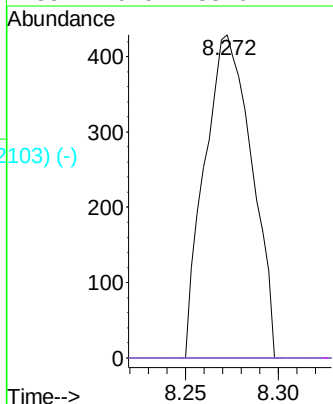


1,1,2-Trichloroethane
Concen: 0.126 ug/L
RT: 8.272 min Scan# 2156
Delta R.T. -0.129 min
Lab File: VU050129.D
Acq: 06 Aug 2022 05:24

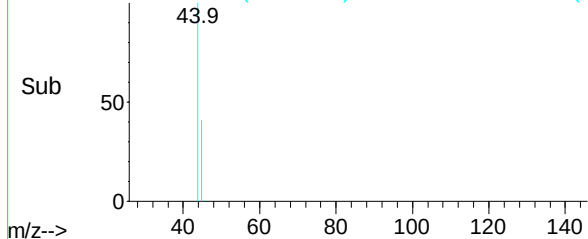
Instrument :
MSVOA_U
ClientSampleId :



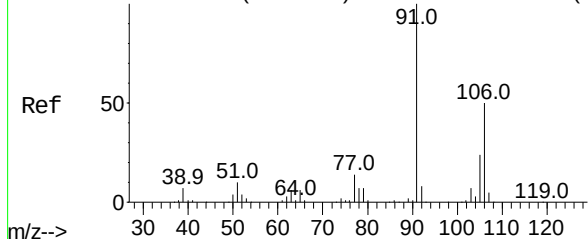
Tgt Ion	Ratio	Lower	Upper
97	100		
99	0.0	42.2	78.4#
83	0.0	59.6	110.6#
85	0.0	38.6	71.8#



Abundance Scan 2156 (8.272 min): VU050129.D\data.ms (-2103) (-)

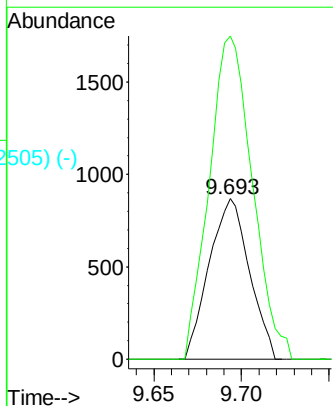
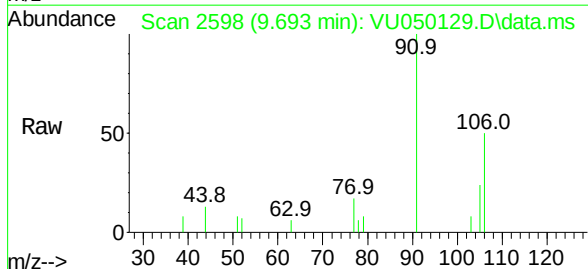


Abundance Scan 2598 (9.693 min): VU050106.D\data.ms (-2505) (-)

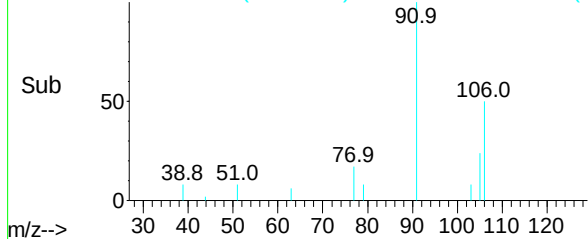


m,p-Xylene
Concen: 0.127 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU050129.D
Acq: 06 Aug 2022 05:24

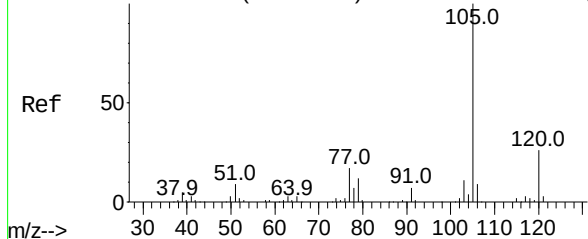
Tgt Ion	Ratio	Lower	Upper
106	100		
91	201.5	143.1	265.9



Abundance Scan 2598 (9.693 min): VU050129.D\data.ms (-2505) (-)



Abundance Scan 2844 (10.484 min): VU050106.D\data.ms (-255) (-)



Isopropylbenzene

Concen: 0.250 ug/L

RT: 10.484 min Scan# 2844

Delta R.T. 0.000 min

Lab File: VU050129.D

Acq: 06 Aug 2022 05:24

Instrument :

MSVOA_U

ClientSampleId :

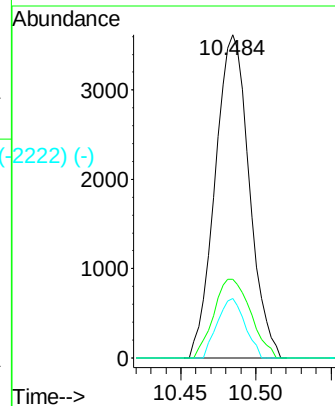
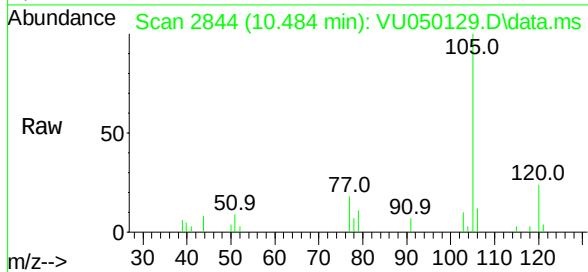
Tgt Ion:105 Resp: 5708

Ion Ratio Lower Upper

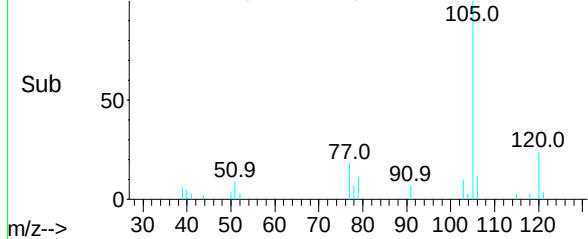
105 100

120 26.3 20.8 31.2

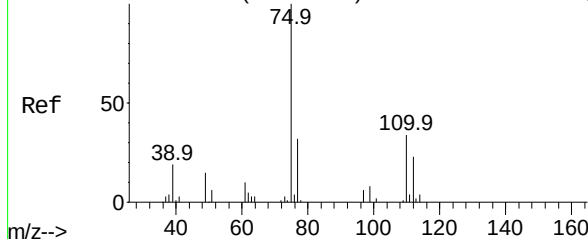
77 14.9 12.6 19.0



Abundance Scan 2844 (10.484 min): VU050129.D\data.ms (-2222) (-)



Abundance Scan 2949 (10.822 min): VU050106.D\data.ms (-255) (-)



1,2,3-Trichloropropane

Concen: 0.954 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.990 min

Lab File: VU050129.D

Acq: 06 Aug 2022 05:24

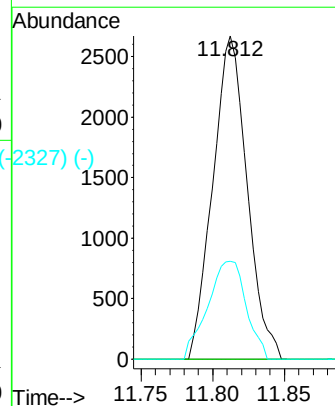
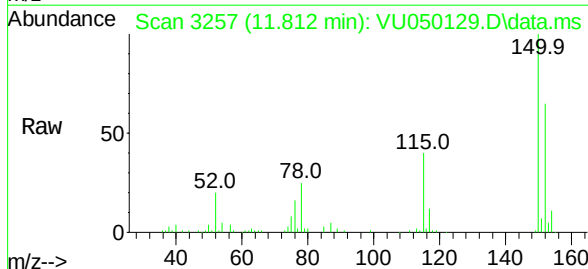
Tgt Ion: 75 Resp: 4434

Ion Ratio Lower Upper

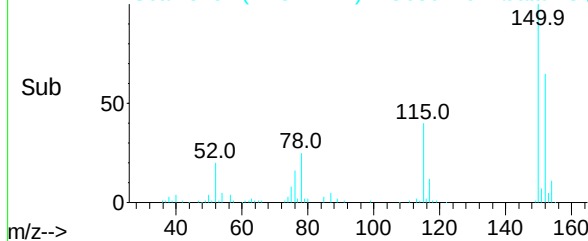
75 100

110 0.0 28.5 42.7#

77 34.0 25.8 38.6



Abundance Scan 3257 (11.812 min): VU050129.D\data.ms (-2327) (-)



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

1,3,5-Trimethylbenzene

Concen: 0.234 ug/L

RT: 11.472 min Scan# 3032

Delta R.T. 0.383 min

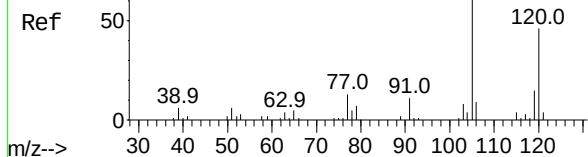
Lab File: VU050129.D

Acq: 06 Aug 2022 05:24

Instrument :

MSVOA_U

ClientSampleId :

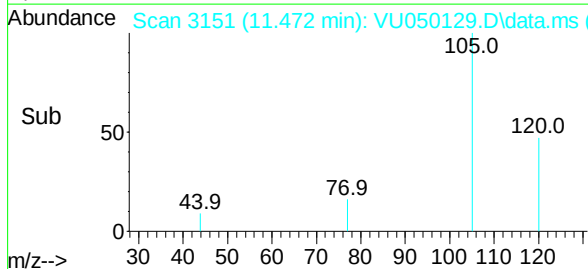
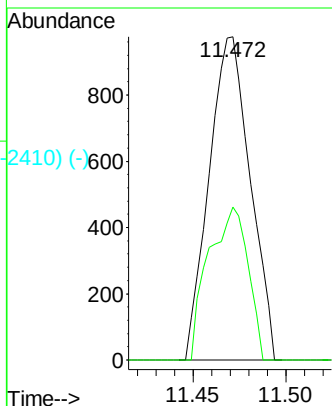
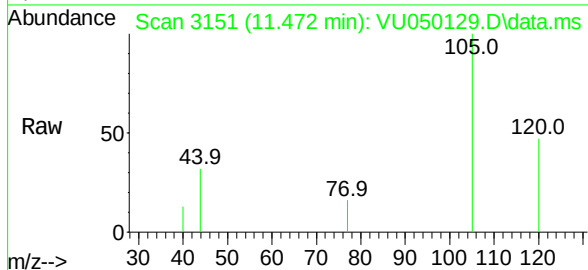


Tgt Ion:105 Resp: 1509

Ion Ratio Lower Upper

105 100

120 45.3 38.9 58.3



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

Naphthalene

Concen: 0.621 ug/L

RT: 14.086 min Scan# 3964

Delta R.T. -0.003 min

Lab File: VU050129.D

Acq: 06 Aug 2022 05:24

Tgt Ion:128 Resp: 7896

Ion Ratio Lower Upper

128 100

129 9.1 8.6 12.8

127 9.9 10.6 16.0#

