

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122921\
 Data File : VU046633.D
 Acq On : 29 Dec 2021 17:49
 Operator : SY/MD
 Sample : M5193-07DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J07DL

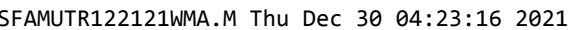
Quant Time: Dec 30 04:23:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 30 04:21:35 2021
 Response via : Initial Calibration

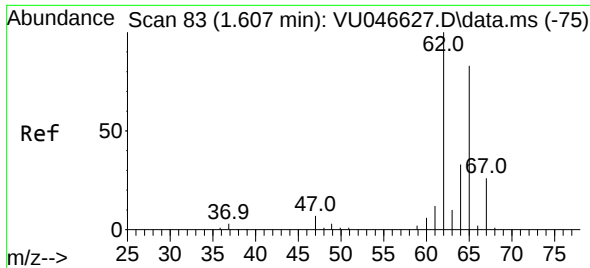
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	58655	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	62663	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	29034	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	35493	7.682	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 153.600%#	
7) Chloroethane-d5	1.919	69	24699	6.789	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 135.800%#	
11) 1,1-Dichloroethene-d2	2.571	65	14116	7.246	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 145.000%#	
20) 2-Butanone-d5	4.642	46	81562	60.861	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	= 121.720%	
24) Chloroform-d	5.070	84	56050	6.621	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 132.400%#	
26) 1,2-Dichloroethane-d4	5.706	65	31343	6.476	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 129.600%	
32) Benzene-d6	5.732	84	104486	5.982	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 119.600%	
36) 1,2-Dichloropropane-d6	6.693	67	33338	6.351	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 127.000%	
41) Toluene-d8	7.899	98	82832	5.225	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 104.400%	
43) trans-1,3-Dichloroprop...	8.182	79	13366	5.506	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 110.200%	
46) 2-Hexanone-d5	8.635	63	67442	47.318	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 94.640%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	30981	5.751	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 115.000%	
66) 1,2-Dichlorobenzene-d4	12.195	152	30788	5.757	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 115.200%	
Target Compounds						
5) Vinyl chloride	1.607	62	1071	0.141	ug/L #	41
8) Chloroethane	1.944	64	955	0.214	ug/L #	43
9) Trichlorofluoromethane	2.147	101	422	0.042	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	377	0.074	ug/L #	21
12) 1,1-Dichloroethene	2.584	96	23232	4.503	ug/L	94
19) 1,1-Dichloroethane	3.877	63	17384	1.714	ug/L	98
22) cis-1,2-Dichloroethene	4.671	96	1387	0.231	ug/L	96
29) 1,1,1-Trichloroethane	5.321	97	17372	1.677	ug/L	99
31) Carbon tetrachloride	5.324	117	1903	0.219	ug/L	97
34) Trichloroethene	6.546	95	36369	5.541	ug/L	98
35) Methylcyclohexane	6.693	83	8227	0.889	ug/L #	23
37) 1,2-Dichloropropane	6.690	63	3662	0.577	ug/L #	88
39) cis-1,3-Dichloropropene	7.565	75	905	0.094	ug/L #	78
61) 1,2,3-Trichloropropane	11.812	75	3625	0.752	ug/L #	66

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

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Quant Title : TRACE VOA SFAM1.0
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Response via : Initial Calibration

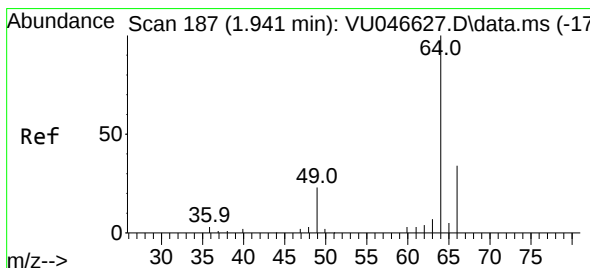
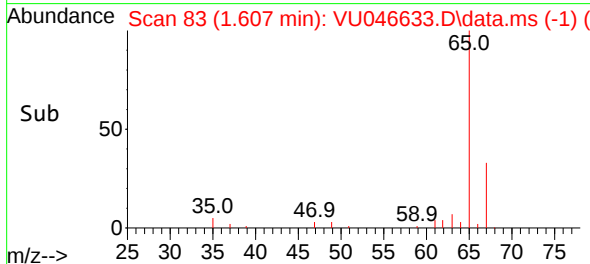
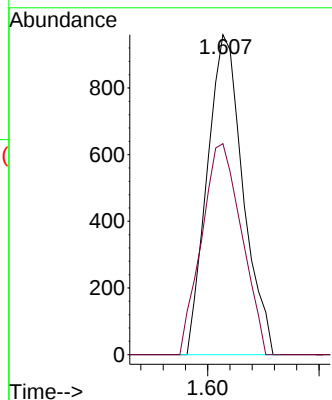
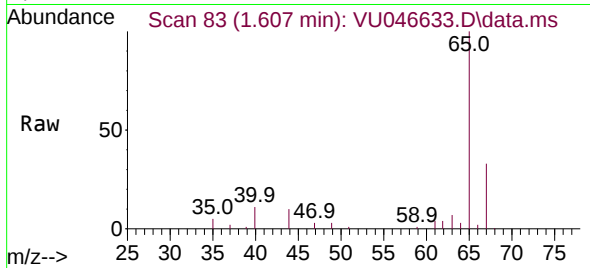




#5
 Vinyl chloride
 Concen: 0.141 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU046633.D
 Acq: 29 Dec 2021 17:49

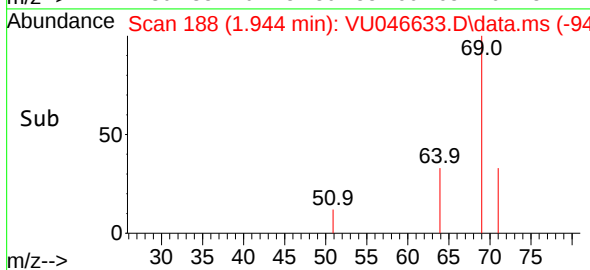
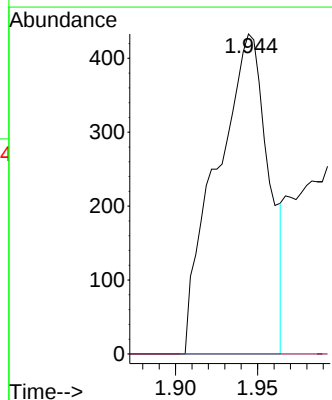
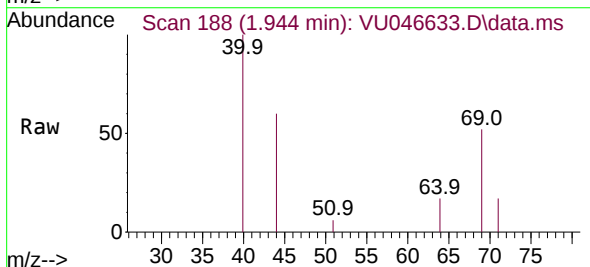
Instrument :
 MSVOA_U
 ClientSampleId :
 C0J07DL

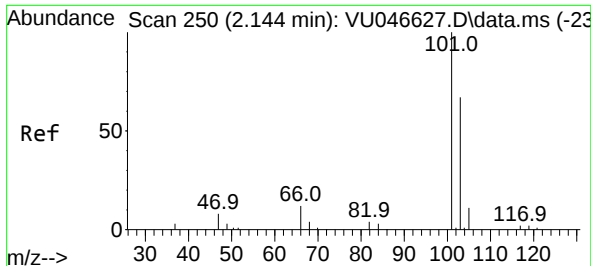
Tgt Ion: 62 Resp: 1071
 Ion Ratio Lower Upper
 62 100
 64 65.9 22.9 42.5#



#8
 Chloroethane
 Concen: 0.214 ug/L
 RT: 1.944 min Scan# 188
 Delta R.T. 0.003 min
 Lab File: VU046633.D
 Acq: 29 Dec 2021 17:49

Tgt Ion: 64 Resp: 955
 Ion Ratio Lower Upper
 64 100
 66 0.0 22.1 41.1#

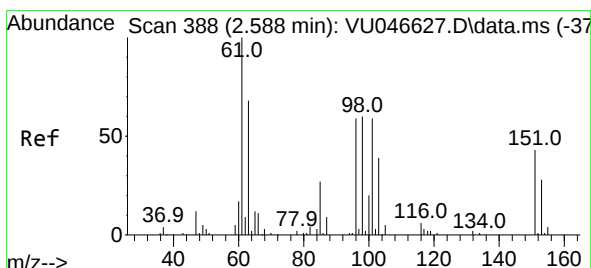
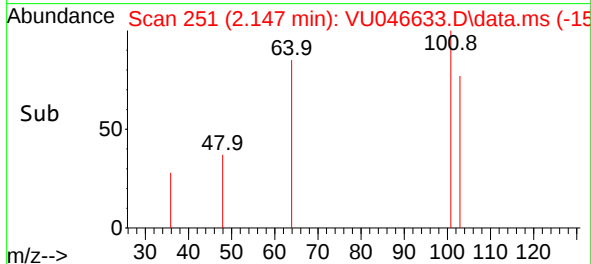
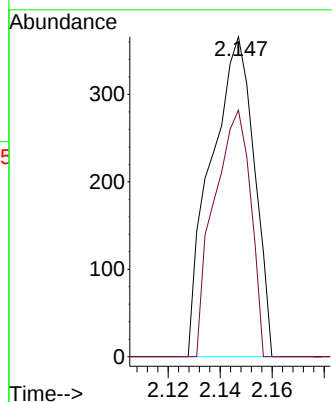
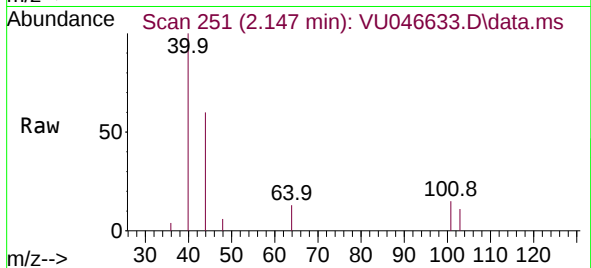




#9
 Trichlorofluoromethane
 Concen: 0.042 ug/L
 RT: 2.147 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VU046633.D
 Acq: 29 Dec 2021 17:49

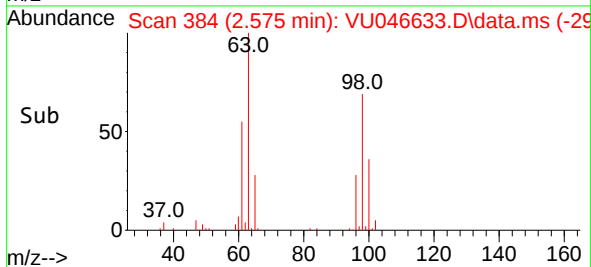
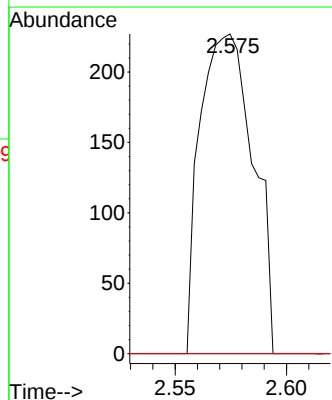
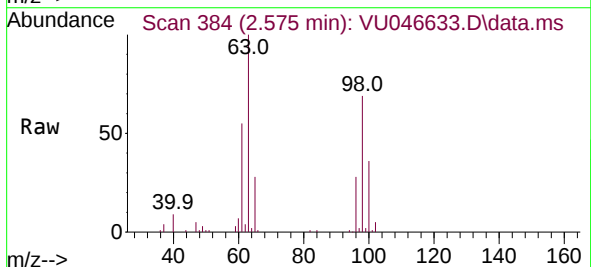
Instrument :
 MSVOA_U
 ClientSampleId :
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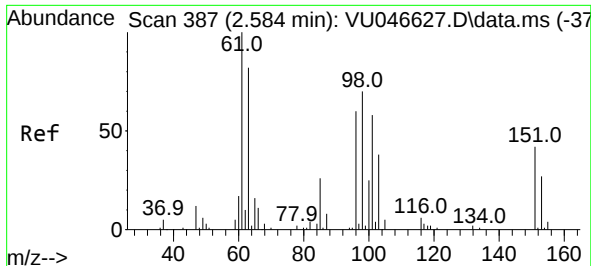
Tgt Ion:101 Resp: 422
 Ion Ratio Lower Upper
 101 100
 103 65.2 51.5 77.3



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.074 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.013 min
 Lab File: VU046633.D
 Acq: 29 Dec 2021 17:49

Tgt Ion:101 Resp: 377
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 51.8#
 151 0.0 56.1 84.1#





#12

1,1-Dichloroethene

Concen: 4.503 ug/L

RT: 2.584 min Scan# 387

Delta R.T. -0.000 min

Lab File: VU046633.D

Acq: 29 Dec 2021 17:49

Instrument :

MSVOA_U

ClientSampleId :

C0J07DL

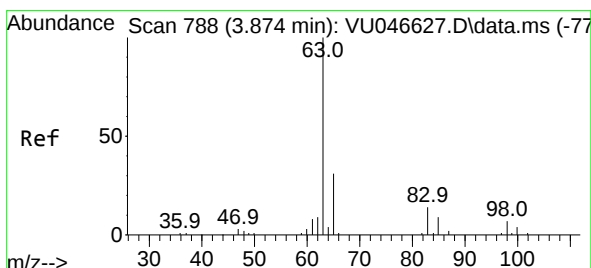
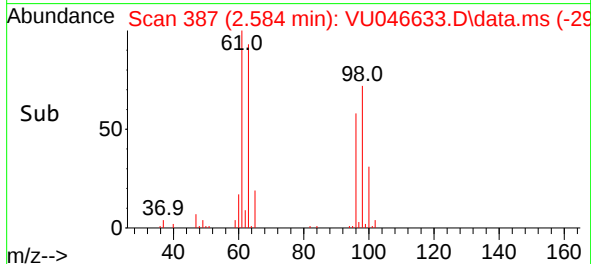
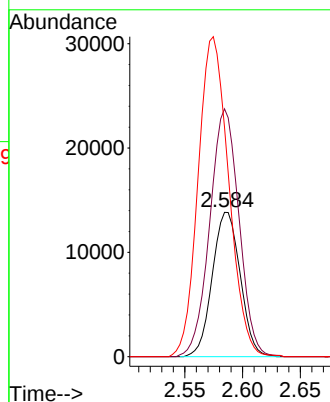
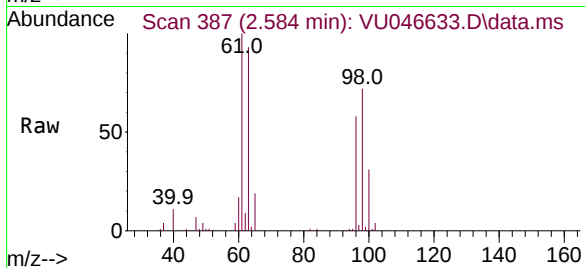
Tgt Ion: 96 Resp: 23232

Ion Ratio Lower Upper

96 100

61 171.7 124.7 231.5

63 158.9 105.2 195.4



#19

1,1-Dichloroethane

Concen: 1.714 ug/L

RT: 3.877 min Scan# 789

Delta R.T. 0.003 min

Lab File: VU046633.D

Acq: 29 Dec 2021 17:49

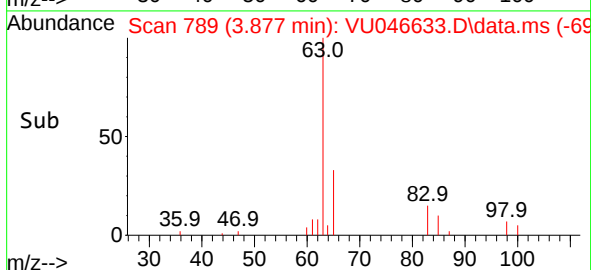
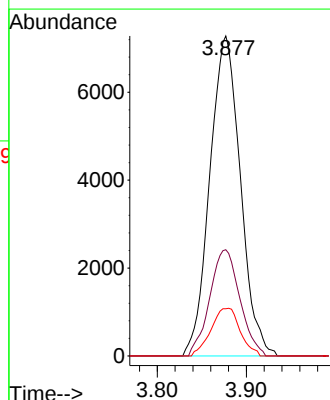
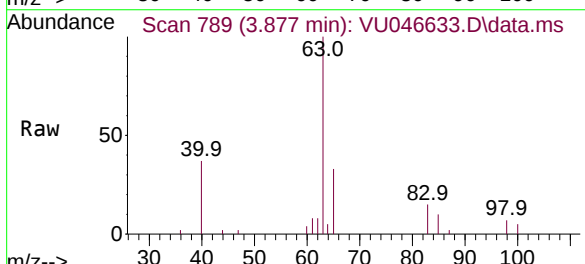
Tgt Ion: 63 Resp: 17384

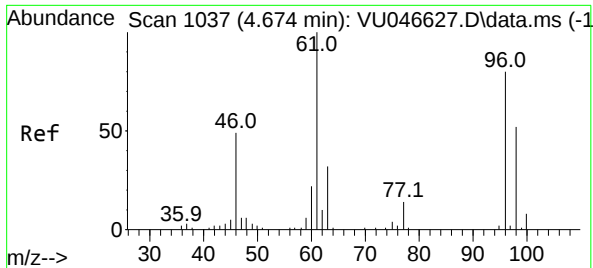
Ion Ratio Lower Upper

63 100

65 33.2 22.3 41.5

83 14.8 9.6 17.8

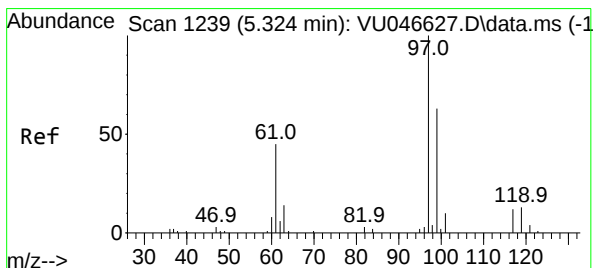
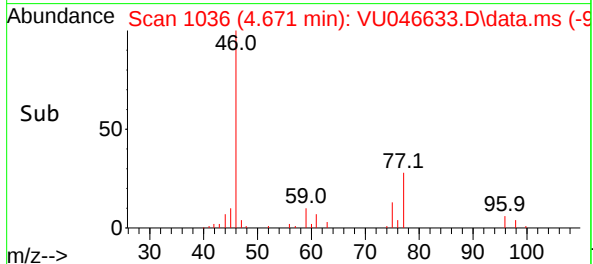
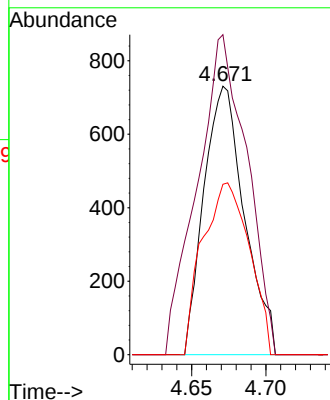
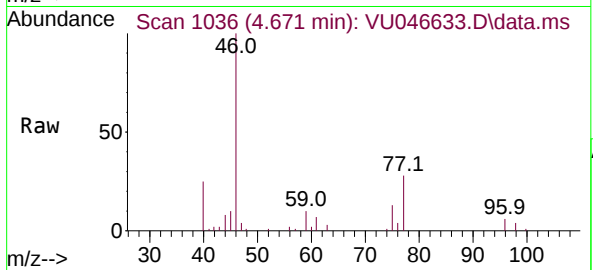




#22
 cis-1,2-Dichloroethene
 Concen: 0.231 ug/L
 RT: 4.671 min Scan# 1037
 Delta R.T. -0.003 min
 Lab File: VU046633.D
 Acq: 29 Dec 2021 17:49

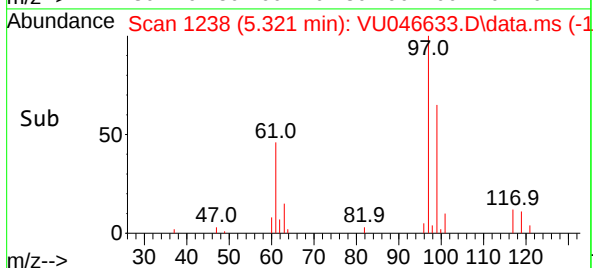
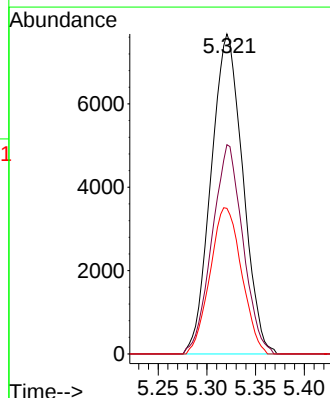
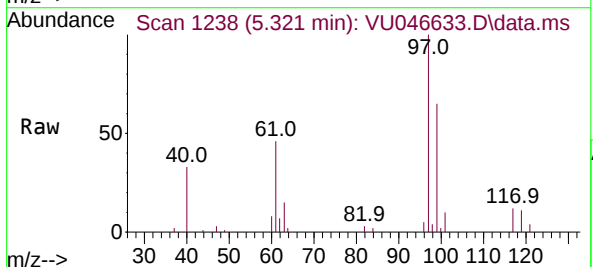
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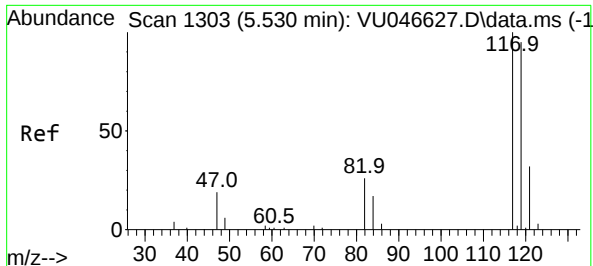
Tgt Ion: 96	Resp:	1387	
Ion	Ratio	Lower	Upper
96	100		
61	119.2	88.5	164.3
98	63.5	44.4	82.5



#29
 1,1,1-Trichloroethane
 Concen: 1.677 ug/L
 RT: 5.321 min Scan# 1238
 Delta R.T. -0.003 min
 Lab File: VU046633.D
 Acq: 29 Dec 2021 17:49

Tgt Ion: 97	Resp:	17372	
Ion	Ratio	Lower	Upper
97	100		
99	63.6	51.3	76.9
61	45.5	36.1	54.1

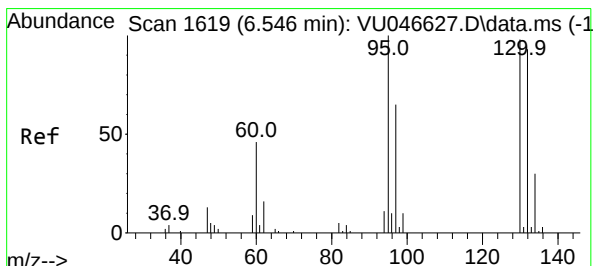
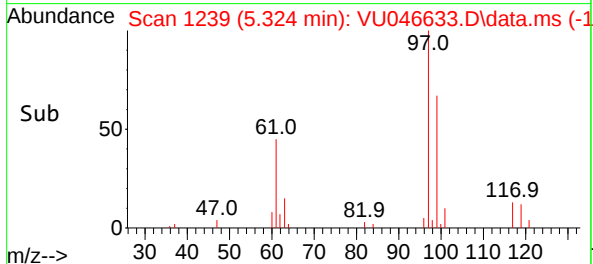
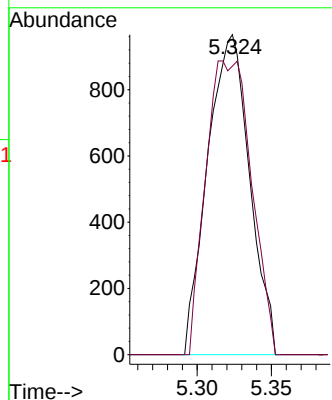
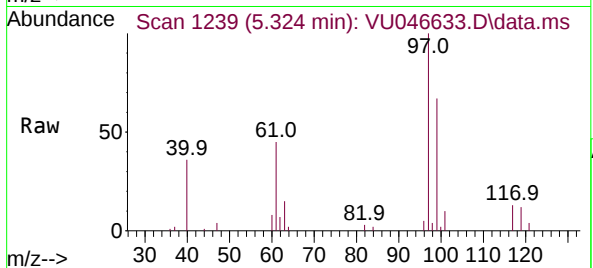




#31
Carbon tetrachloride
Concen: 0.219 ug/L
RT: 5.324 min Scan# 117
Delta R.T. -0.206 min
Lab File: VU046633.D
Acq: 29 Dec 2021 17:49

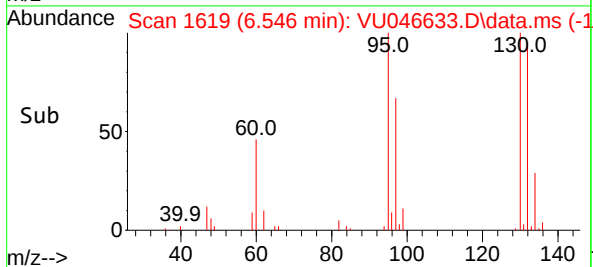
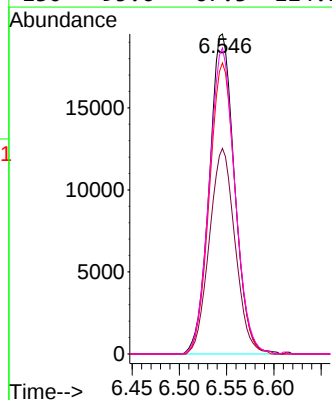
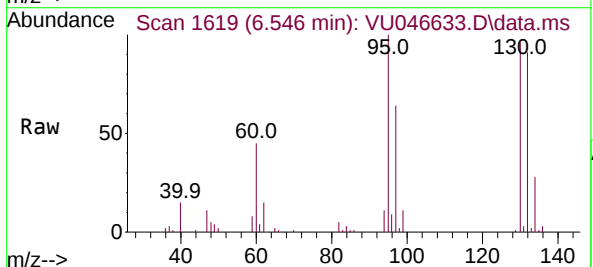
Instrument :
MSVOA_U
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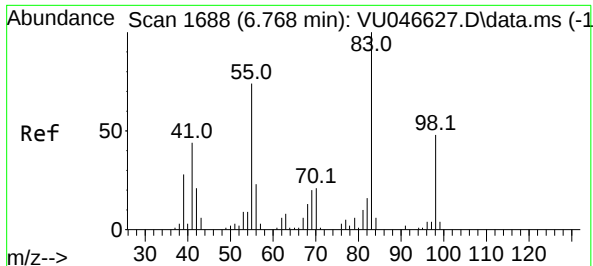
Tgt Ion:117 Resp: 1903
Ion Ratio Lower Upper
117 100
119 99.9 77.5 116.3



#34
Trichloroethene
Concen: 5.541 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU046633.D
Acq: 29 Dec 2021 17:49

Tgt Ion: 95 Resp: 36369
Ion Ratio Lower Upper
95 100
97 64.2 46.5 86.5
132 91.0 65.1 120.9
130 95.6 67.3 124.9





#35

Methylcyclohexane

Concen: 0.889 ug/L

RT: 6.693 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU046633.D

Acq: 29 Dec 2021 17:49

Instrument :

MSVOA_U

ClientSampleId :

C0J07DL

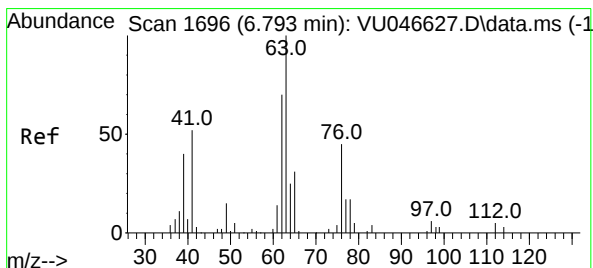
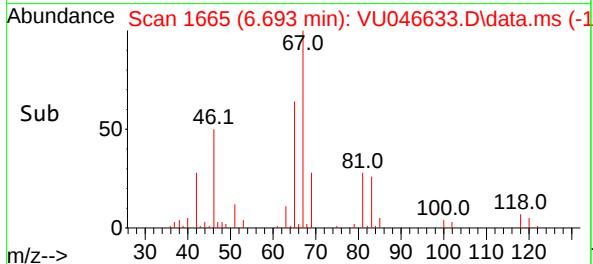
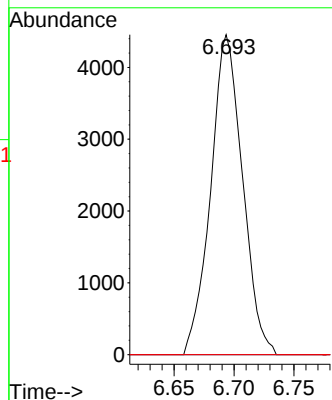
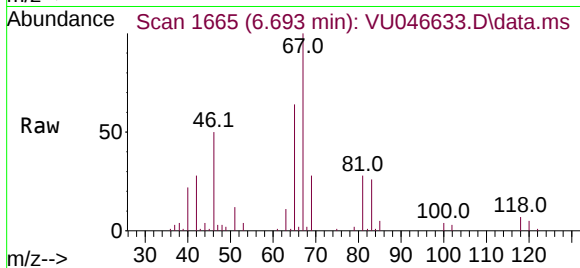
Tgt Ion: 83 Resp: 8227

Ion Ratio Lower Upper

83 100

55 0.0 61.9 92.9#

98 10.3 39.0 58.6#



#37

1,2-Dichloropropane

Concen: 0.577 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.103 min

Lab File: VU046633.D

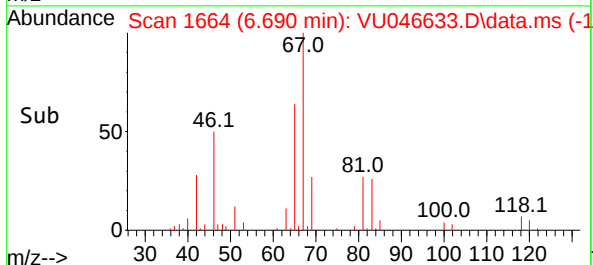
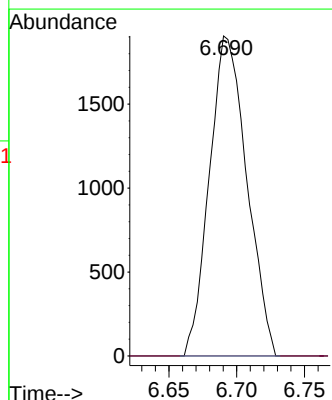
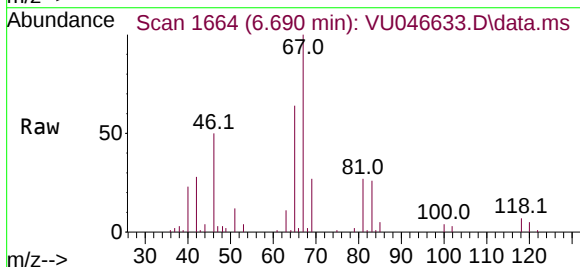
Acq: 29 Dec 2021 17:49

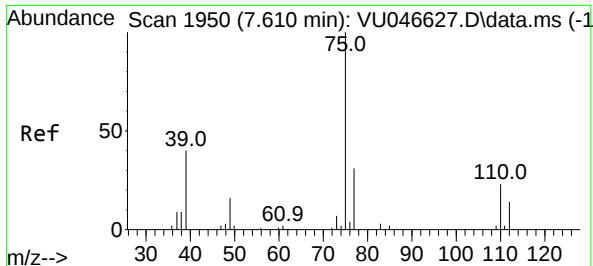
Tgt Ion: 63 Resp: 3662

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.094 ug/L

RT: 7.565 min Scan# 19

Delta R.T. -0.045 min

Lab File: VU046633.D

Acq: 29 Dec 2021 17:49

Instrument :

MSVOA_U

ClientSampleId :

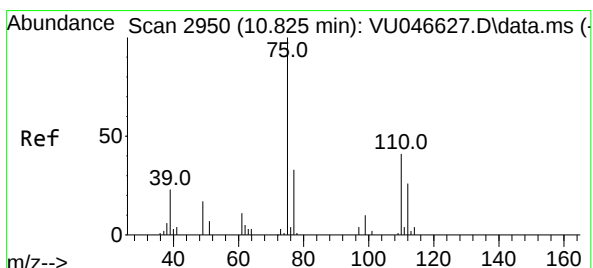
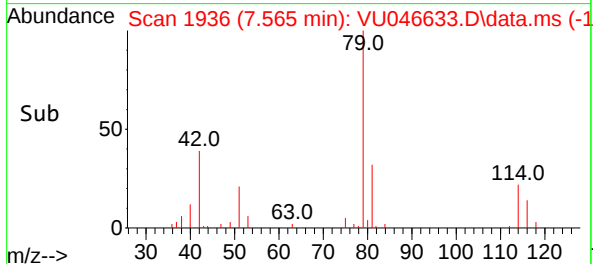
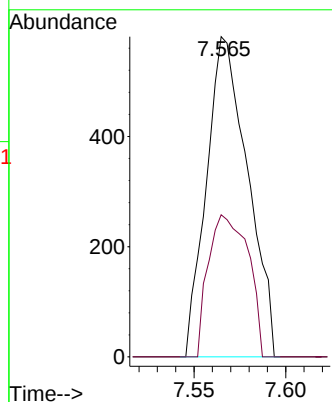
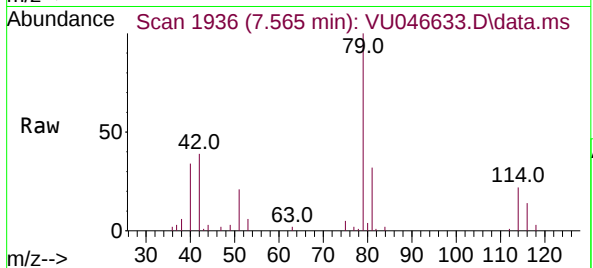
C0J07DL

Tgt Ion: 75 Resp: 905

Ion Ratio Lower Upper

75 100

77 44.4 22.5 41.9#



#61

1,2,3-Trichloropropane

Concen: 0.752 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.987 min

Lab File: VU046633.D

Acq: 29 Dec 2021 17:49

Tgt Ion: 75 Resp: 3625

Ion Ratio Lower Upper

75 100

110 0.0 29.9 44.9#

77 32.0 25.5 38.3

