

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061622\
 Data File : VU049197.D
 Acq On : 16 Jun 2022 11:08
 Operator : SY/MD
 Sample : N3278-15
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 17 01:25:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 17 01:23:56 2022
 Response via : Initial Calibration

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

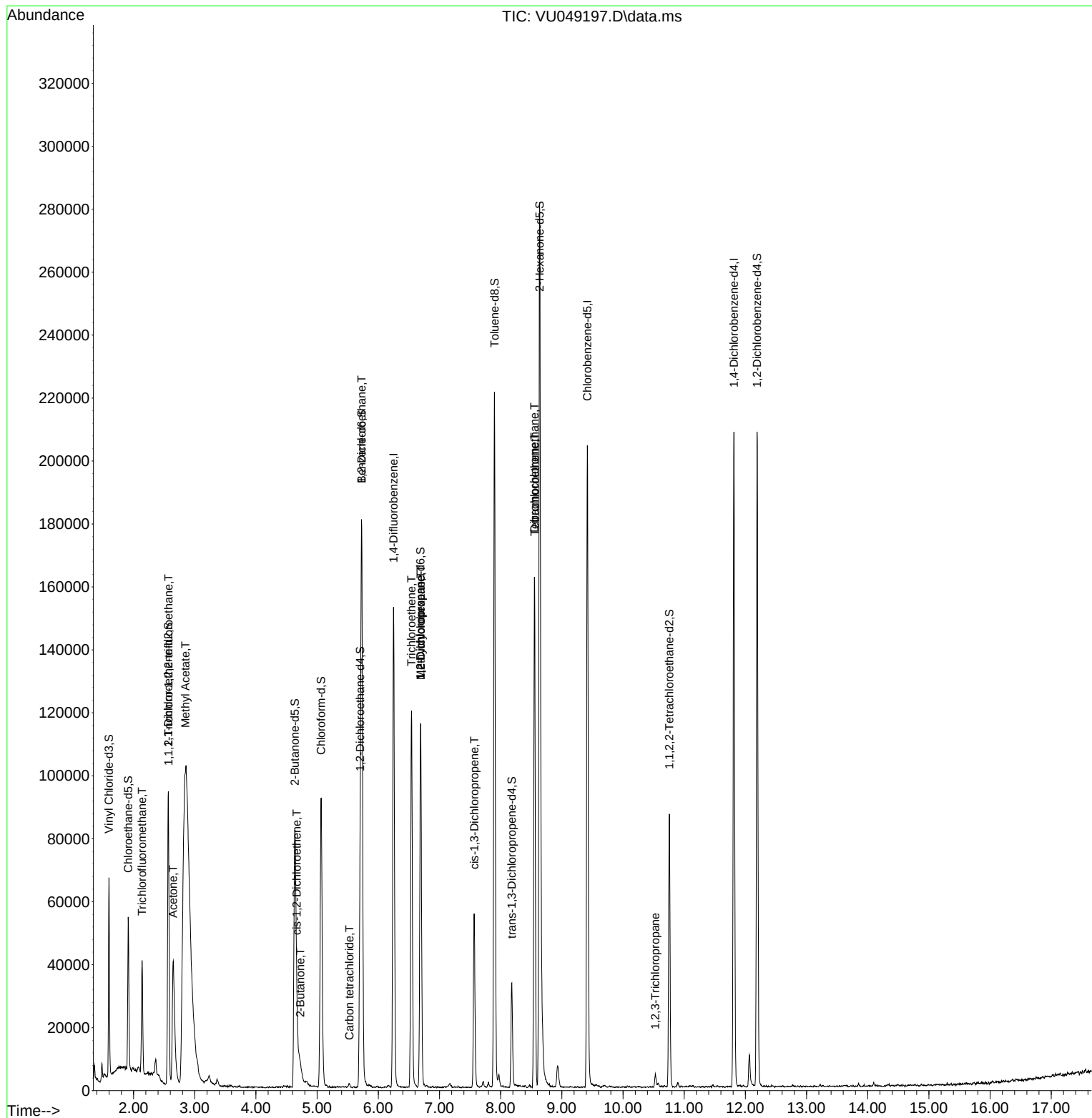
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	119584	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	111081	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	53832	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	43454	4.159	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.200%
7) Chloroethane-d5	1.912	69	32650	4.615	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.400%
11) 1,1-Dichloroethene-d2	2.568	65	18199	4.330	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.600%
20) 2-Butanone-d5	4.636	46	148063	53.070	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.140%
24) Chloroform-d	5.063	84	80929	4.936	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%
26) 1,2-Dichloroethane-d4	5.703	65	44831	4.985	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.800%
32) Benzene-d6	5.729	84	161373	4.822	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
36) 1,2-Dichloropropane-d6	6.690	67	56307	4.958	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.200%
41) Toluene-d8	7.899	98	143059	4.748	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.000%
43) trans-1,3-Dichloroprop...	8.182	79	19588	3.882	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.600%
46) 2-Hexanone-d5	8.636	63	98927	48.603	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.200%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	42948	4.723	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.400%
66) 1,2-Dichlorobenzene-d4	12.192	152	52513	5.084	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.600%
Target Compounds						
					Qvalue	
9) Trichlorofluoromethane	2.137	101	22732	1.948	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	417	0.060	ug/L #	21
13) Acetone	2.645	43	72308	52.366	ug/L	97
15) Methyl Acetate	2.848	43	95723	25.920	ug/L #	54
21) 2-Butanone	4.726	43	9824	3.731	ug/L	96
22) cis-1,2-Dichloroethene	4.668	96	1187	0.142	ug/L	96
27) 1,2-Dichloroethane	5.729	62	920	0.095	ug/L #	74
31) Carbon tetrachloride	5.530	117	826	0.074	ug/L	94
34) Trichloroethene	6.542	95	41261	4.884	ug/L	97
35) Methylcyclohexane	6.693	83	12434	0.878	ug/L #	20
37) 1,2-Dichloropropane	6.693	63	5969	0.657	ug/L #	89
39) cis-1,3-Dichloropropene	7.568	75	1333	0.097	ug/L #	77
47) Tetrachloroethene	8.555	164	34654	5.948	ug/L	98
49) Dibromochloromethane	8.552	129	35214	4.875	ug/L #	10
61) 1,2,3-Trichloropropane	10.529	75	2730	0.452	ug/L #	40

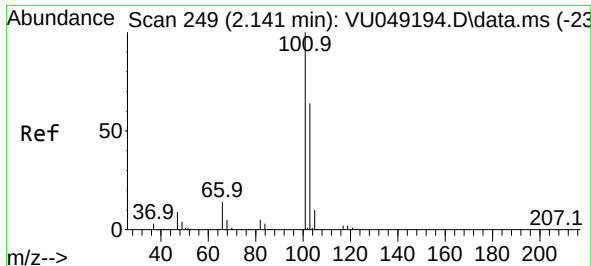
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VU049197.D
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Misc : 25.0mL/MSVOA_U/WATER
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MSVOA_U
ClientSampleId :

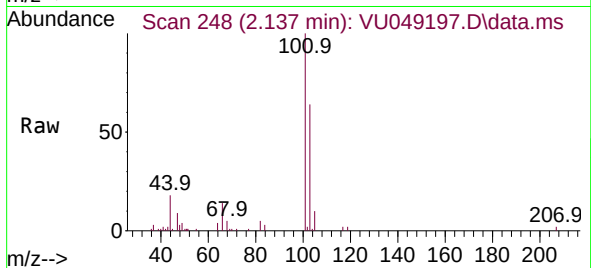
Quant Time: Jun 17 01:25:37 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jun 17 01:23:56 2022
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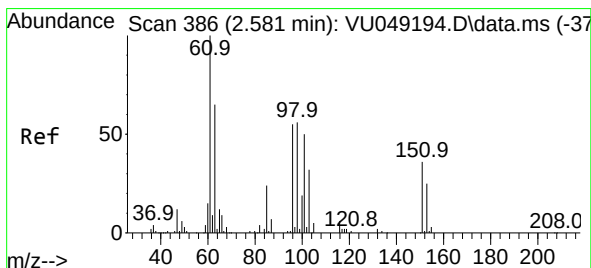
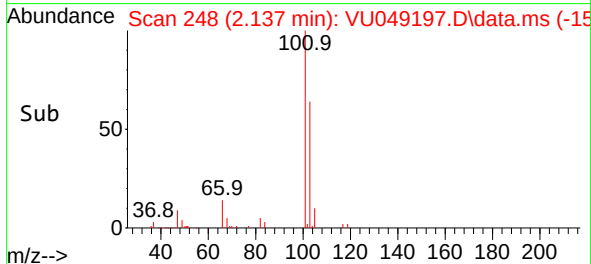
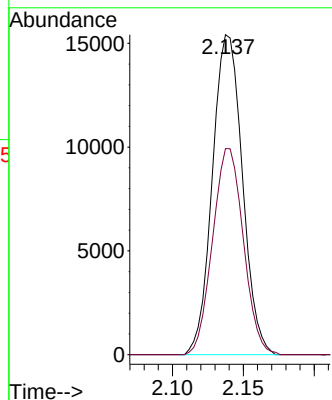


#9
 Trichlorofluoromethane
 Concen: 1.948 ug/L
 RT: 2.137 min Scan# 24
 Delta R.T. -0.003 min
 Lab File: VU049197.D
 Acq: 16 Jun 2022 11:08

Instrument :
 MSVOA_U
 ClientSampleId :

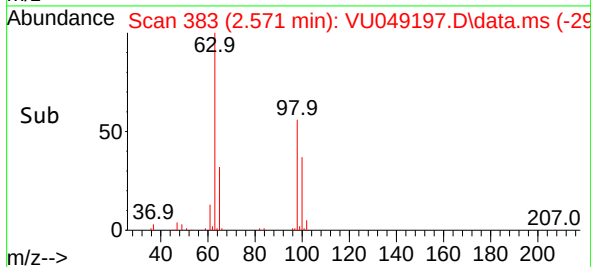
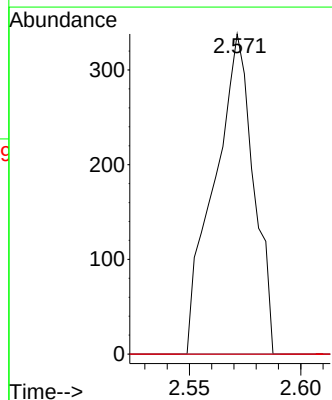
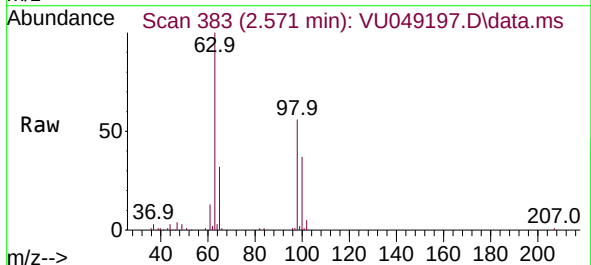


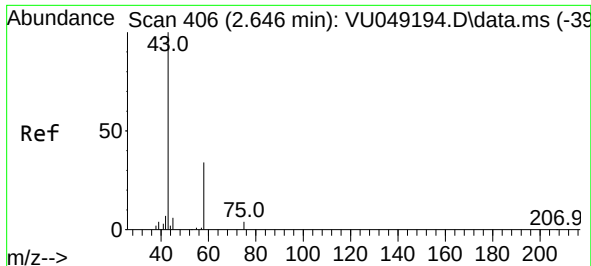
Tgt Ion:101 Resp: 22732
 Ion Ratio Lower Upper
 101 100
 103 65.9 53.5 80.3



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.060 ug/L
 RT: 2.571 min Scan# 383
 Delta R.T. -0.010 min
 Lab File: VU049197.D
 Acq: 16 Jun 2022 11:08

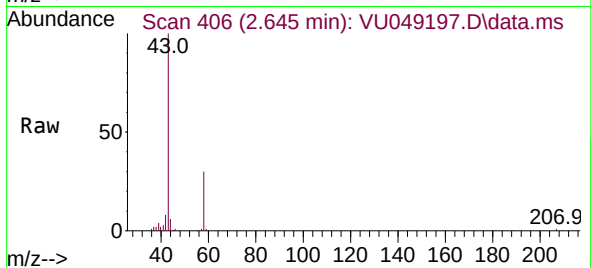
Tgt Ion:101 Resp: 417
 Ion Ratio Lower Upper
 101 100
 85 0.0 36.1 54.1#
 151 0.0 56.8 85.2#



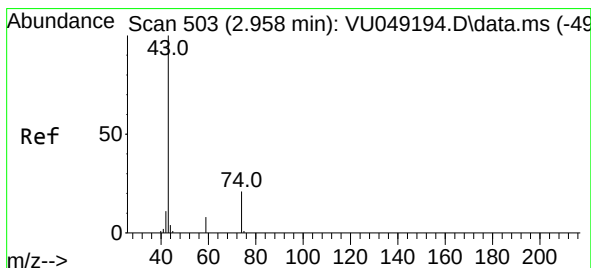
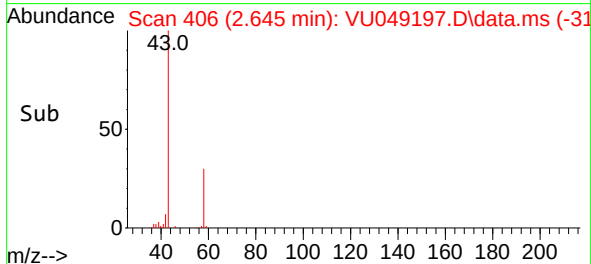
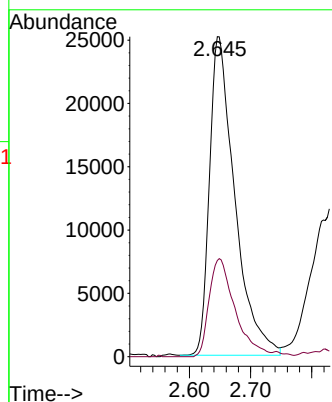


#13
Acetone
Concen: 52.366 ug/L
RT: 2.645 min Scan# 406
Delta R.T. -0.000 min
Lab File: VU049197.D
Acq: 16 Jun 2022 11:08

Instrument :
MSVOA_U
ClientSampleId :

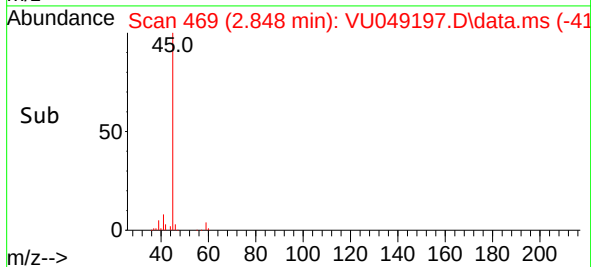
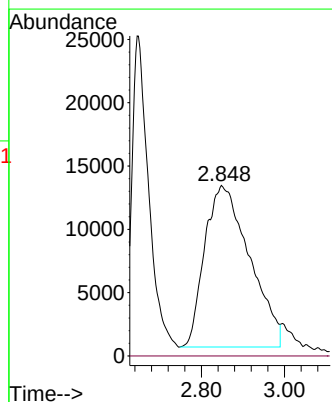
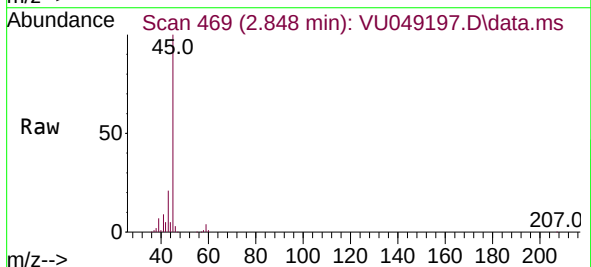


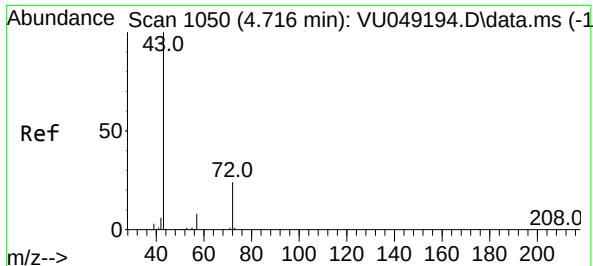
Tgt Ion: 43 Resp: 72308
Ion Ratio Lower Upper
43 100
58 31.4 0.0 65.8



#15
Methyl Acetate
Concen: 25.920 ug/L
RT: 2.848 min Scan# 469
Delta R.T. -0.110 min
Lab File: VU049197.D
Acq: 16 Jun 2022 11:08

Tgt Ion: 43 Resp: 95723
Ion Ratio Lower Upper
43 100
74 0.0 17.6 26.4#

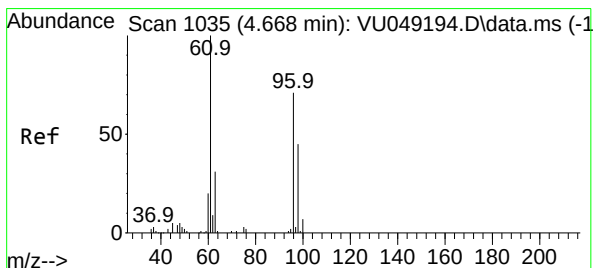
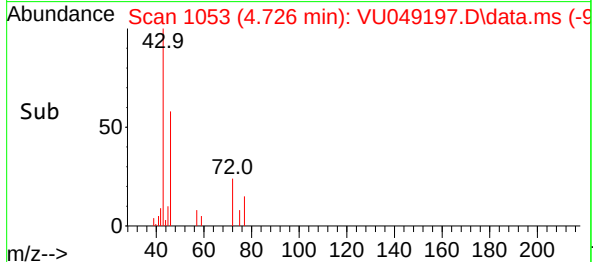
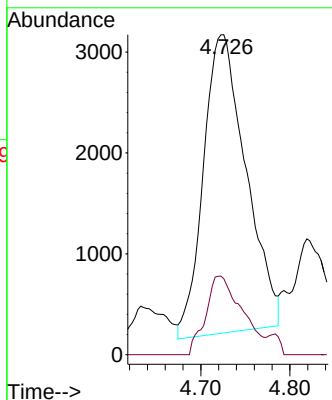
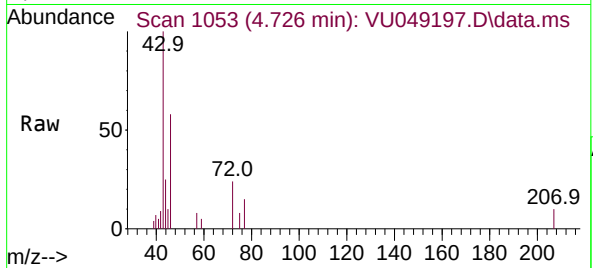




#21
2-Butanone
Concen: 3.731 ug/L
RT: 4.726 min Scan# 1053
Delta R.T. 0.009 min
Lab File: VU049197.D
Acq: 16 Jun 2022 11:08

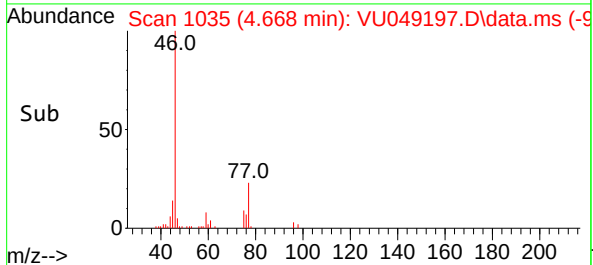
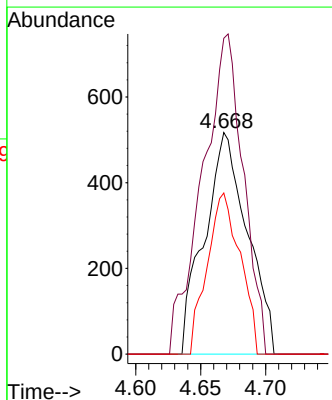
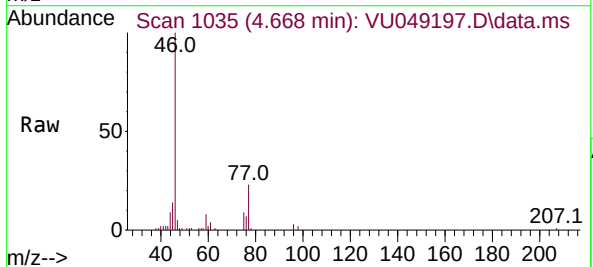
Instrument :
MSVOA_U
ClientSampleId :

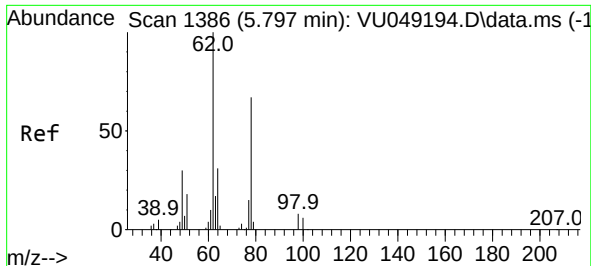
Tgt Ion: 43 Resp: 9824
Ion Ratio Lower Upper
43 100
72 22.5 12.2 36.6



#22
cis-1,2-Dichloroethene
Concen: 0.142 ug/L
RT: 4.668 min Scan# 1035
Delta R.T. -0.000 min
Lab File: VU049197.D
Acq: 16 Jun 2022 11:08

Tgt Ion: 96 Resp: 1187
Ion Ratio Lower Upper
96 100
61 142.6 99.5 184.9
98 72.7 44.8 83.2





#27

1,2-Dichloroethane

Concen: 0.095 ug/L

RT: 5.729 min Scan# 11

Delta R.T. -0.068 min

Lab File: VU049197.D

Acq: 16 Jun 2022 11:08

Instrument :

MSVOA_U

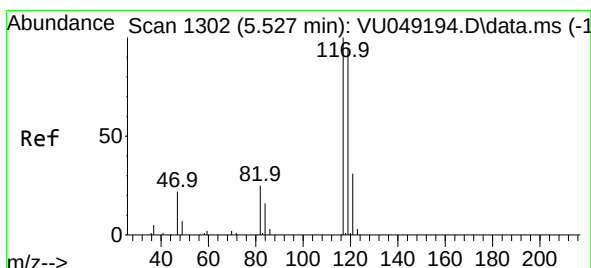
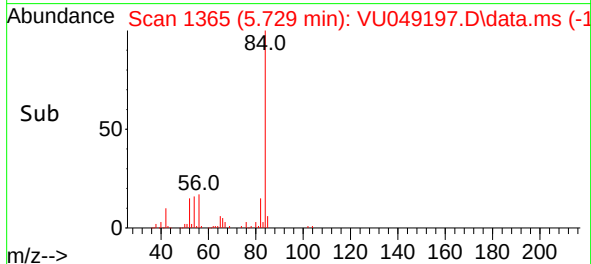
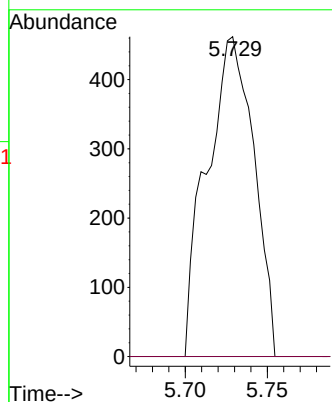
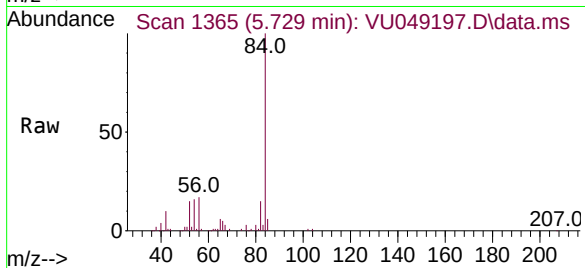
ClientSampleId :

Tgt Ion: 62 Resp: 920

Ion Ratio Lower Upper

62 100

98 0.0 7.6 11.4#



#31

Carbon tetrachloride

Concen: 0.074 ug/L

RT: 5.530 min Scan# 1303

Delta R.T. 0.003 min

Lab File: VU049197.D

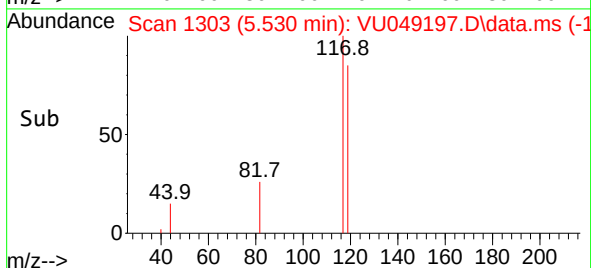
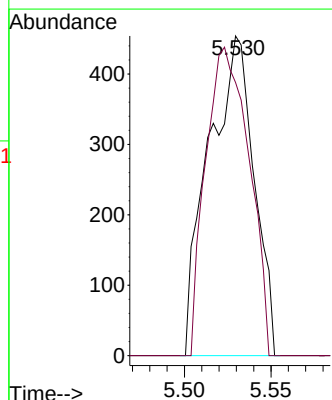
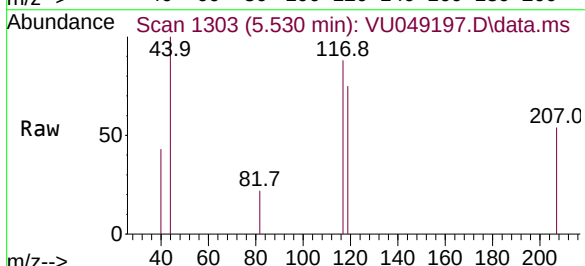
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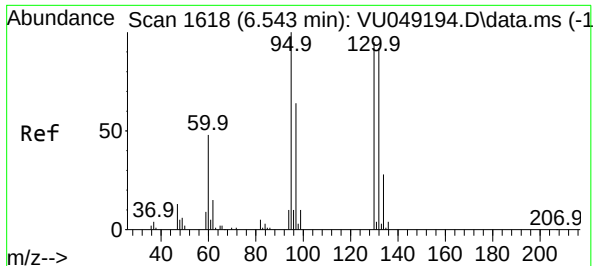
Tgt Ion: 117 Resp: 826

Ion Ratio Lower Upper

117 100

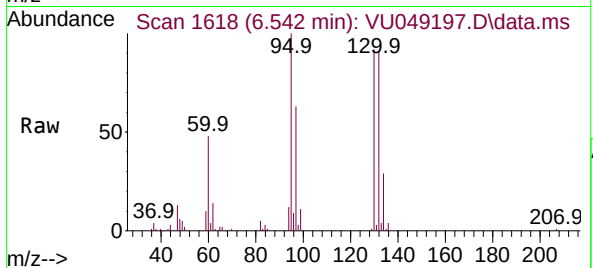
119 92.4 78.3 117.5



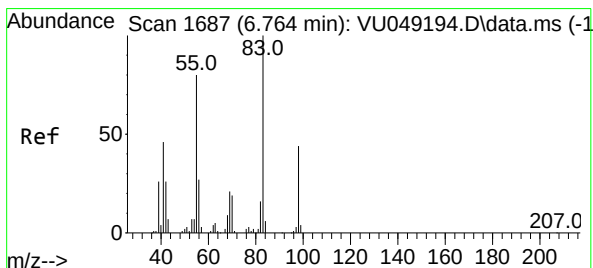
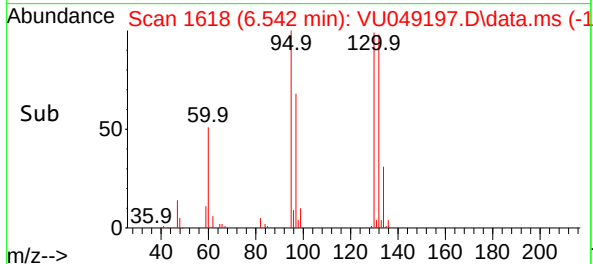
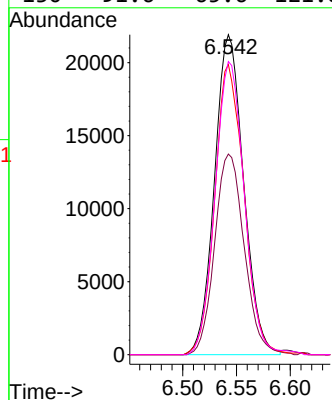


#34
Trichloroethene
Concen: 4.884 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VU049197.D
Acq: 16 Jun 2022 11:08

Instrument :
MSVOA_U
ClientSampleId :

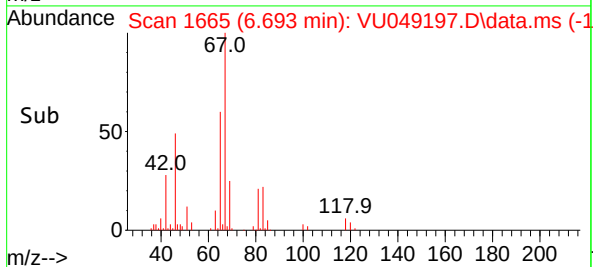
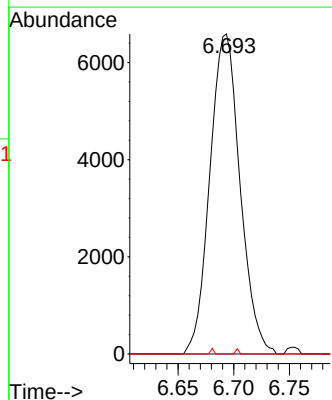
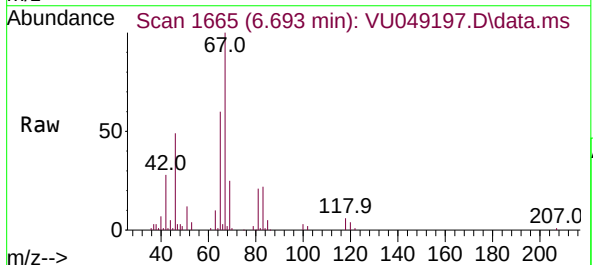


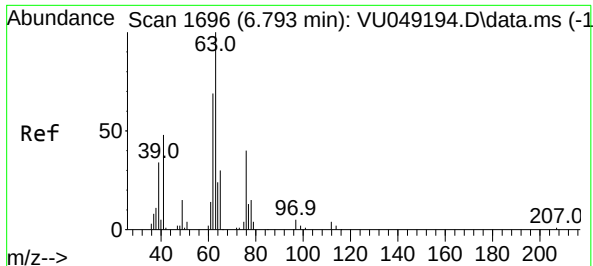
Tgt Ion: 95 Resp: 41261
Ion Ratio Lower Upper
95 100
97 62.7 45.3 84.1
132 90.7 61.5 114.3
130 91.6 65.6 121.8



#35
Methylcyclohexane
Concen: 0.878 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.071 min
Lab File: VU049197.D
Acq: 16 Jun 2022 11:08

Tgt Ion: 83 Resp: 12434
Ion Ratio Lower Upper
83 100
55 0.0 66.9 100.3#
98 7.8 35.5 53.3#





#37

1,2-Dichloropropane

Concen: 0.657 ug/L

RT: 6.693 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU049197.D

Acq: 16 Jun 2022 11:08

Instrument :

MSVOA_U

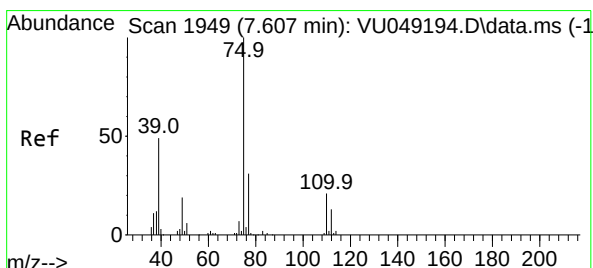
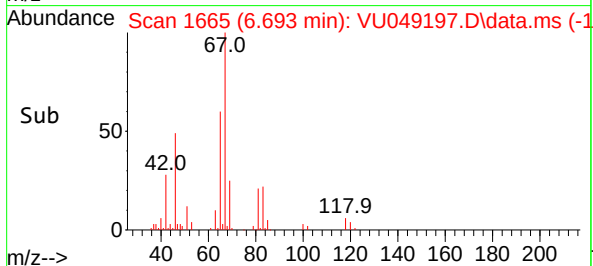
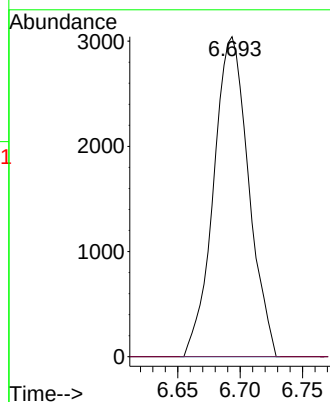
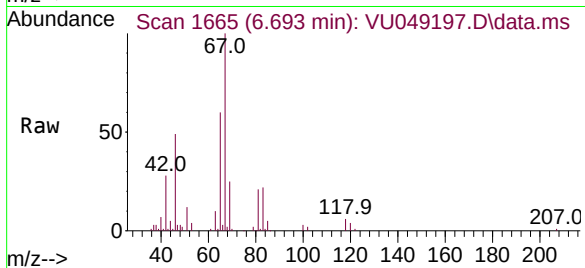
ClientSampleId :

Tgt Ion: 63 Resp: 5969

Ion Ratio Lower Upper

63 100

112 0.0 2.8 4.2#



#39

cis-1,3-Dichloropropene

Concen: 0.097 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.039 min

Lab File: VU049197.D

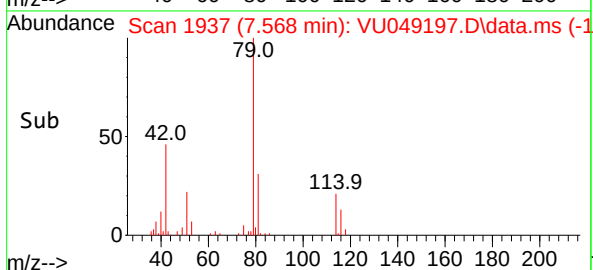
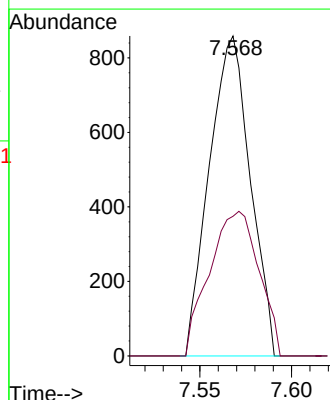
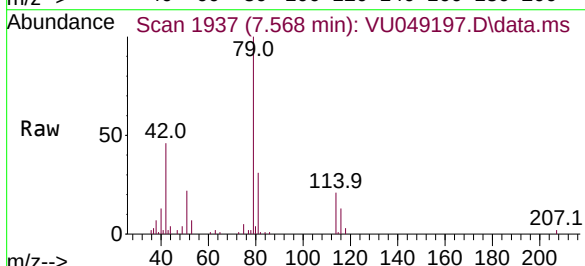
Acq: 16 Jun 2022 11:08

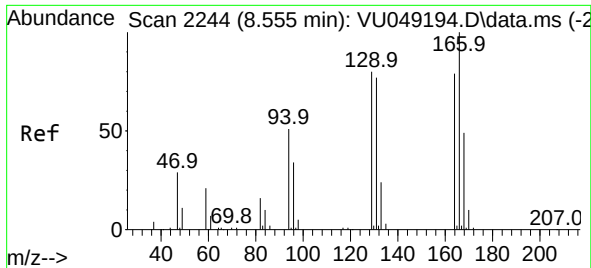
Tgt Ion: 75 Resp: 1333

Ion Ratio Lower Upper

75 100

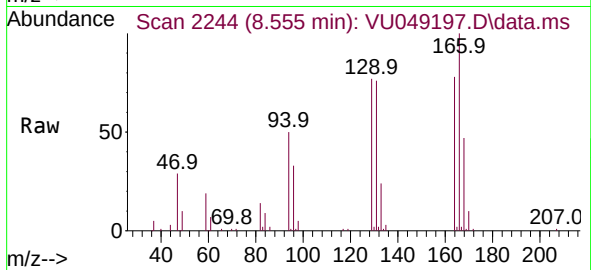
77 43.7 21.8 40.4#



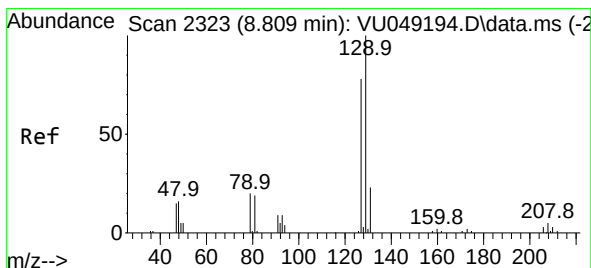
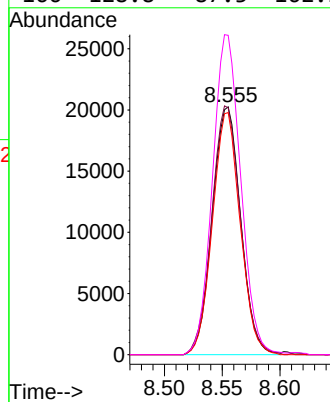
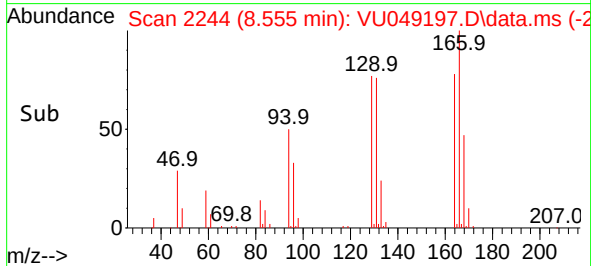


#47
Tetrachloroethene
Concen: 5.948 ug/L
RT: 8.555 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU049197.D
Acq: 16 Jun 2022 11:08

Instrument :
MSVOA_U
ClientSampleId :

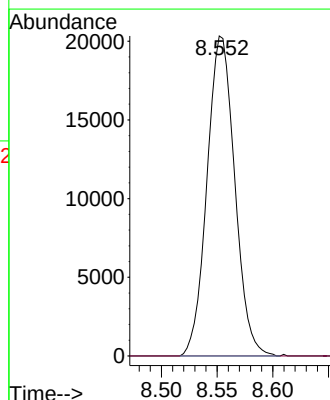
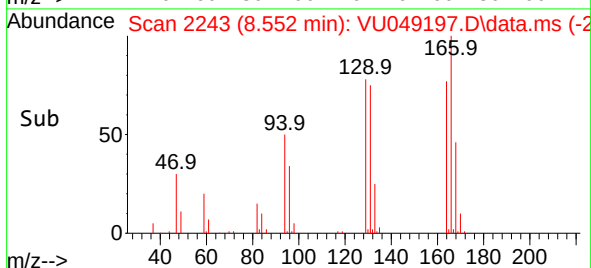
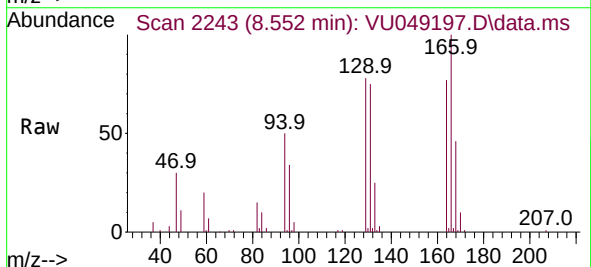


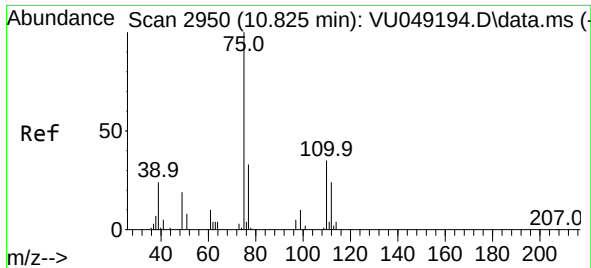
Tgt Ion:164 Resp: 34654
Ion Ratio Lower Upper
164 100
129 99.6 69.8 129.6
131 97.7 67.8 125.8
166 128.8 87.3 162.1



#49
Dibromochloromethane
Concen: 4.875 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.257 min
Lab File: VU049197.D
Acq: 16 Jun 2022 11:08

Tgt Ion:129 Resp: 35214
Ion Ratio Lower Upper
129 100
127 0.0 54.9 101.9#





#61

1,2,3-Trichloropropane

Concen: 0.452 ug/L

RT: 10.529 min Scan# 21

Delta R.T. -0.296 min

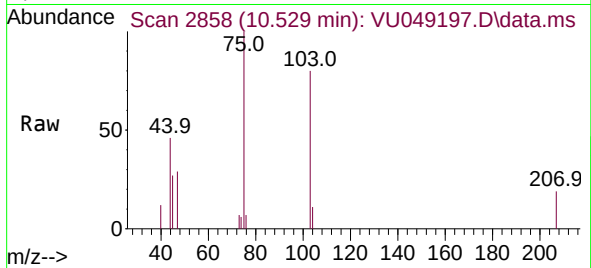
Lab File: VU049197.D

Acq: 16 Jun 2022 11:08

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 75 Resp: 2730

Ion Ratio Lower Upper

75 100

110 0.0 29.0 43.4#

77 0.0 26.2 39.2#

