

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062422\
 Data File : VU049382.D
 Acq On : 24 Jun 2022 12:35
 Operator : SY/MD
 Sample : N3374-08
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW4T8

Quant Time: Jun 25 00:15:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 25 00:13:49 2022
 Response via : Initial Calibration

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

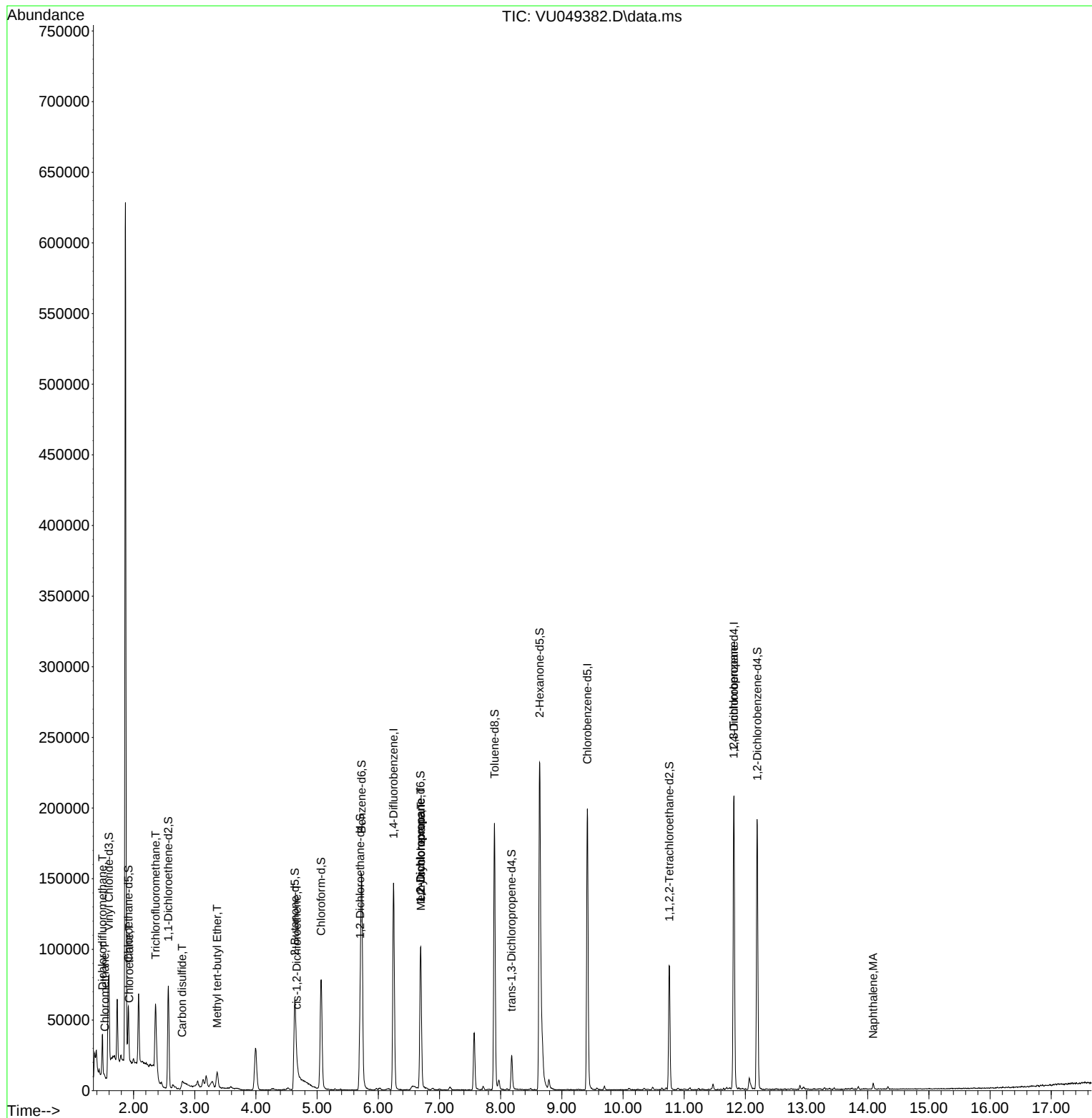
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	115908	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	109457	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	54591	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	31484	3.109	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.200%
7) Chloroethane-d5	1.916	69	26562	3.874	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.400%
11) 1,1-Dichloroethene-d2	2.568	65	14110	3.464	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.200%
20) 2-Butanone-d5	4.636	46	93064	34.415	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	68.820%
24) Chloroform-d	5.063	84	73188	4.606	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.200%
26) 1,2-Dichloroethane-d4	5.703	65	42355	4.859	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.200%
32) Benzene-d6	5.729	84	137808	4.179	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.600%
36) 1,2-Dichloropropane-d6	6.690	67	49805	4.450	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.000%
41) Toluene-d8	7.899	98	123403	4.156	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.200%
43) trans-1,3-Dichloroprop...	8.179	79	14487	2.914	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	58.200%
46) 2-Hexanone-d5	8.636	63	93277	46.507	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.020%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	44013	4.912	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	48932	4.671	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.400%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.491	85	1854	0.187	ug/L	98
3) Chloromethane	1.530	50	1842	0.170	ug/L	95
8) Chloroethane	1.929	64	608	0.108	ug/L #	57
9) Trichlorofluoromethane	2.359	101	2395	0.212	ug/L	94
14) Carbon disulfide	2.793	76	2823	0.131	ug/L	98
17) Methyl tert-butyl Ether	3.366	73	11518	0.584	ug/L #	92
22) cis-1,2-Dichloroethene	4.668	96	487	0.060	ug/L	83
35) Methylcyclohexane	6.697	83	11102	0.795	ug/L #	17
37) 1,2-Dichloropropane	6.694	63	5576	0.623	ug/L #	89
61) 1,2,3-Trichloropropane	11.809	75	7054	1.152	ug/L #	67
71) Naphthalene	14.089	128	3537	0.188	ug/L #	91

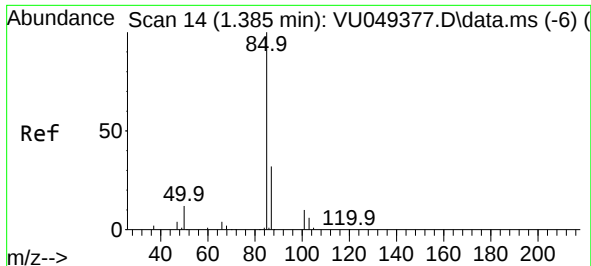
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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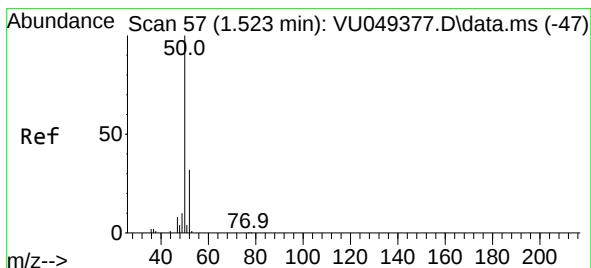
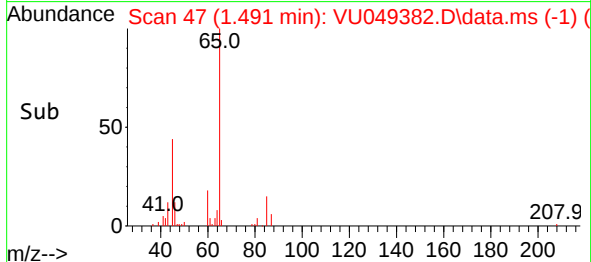
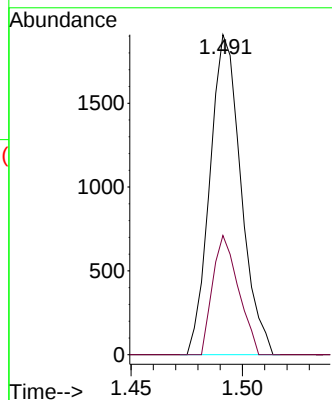
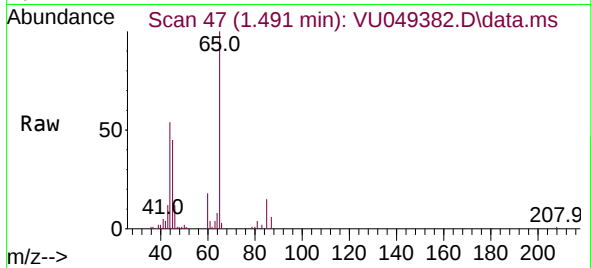




#2
Dichlorodifluoromethane
Concen: 0.187 ug/L
RT: 1.491 min Scan# 41
Delta R.T. 0.106 min
Lab File: VU049382.D
Acq: 24 Jun 2022 12:35

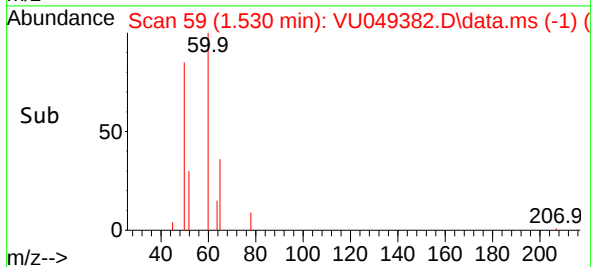
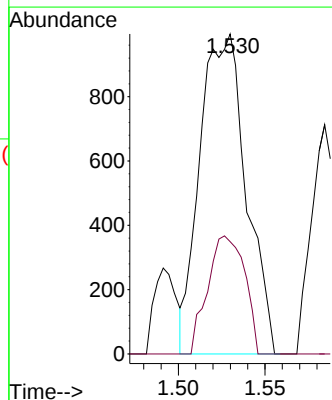
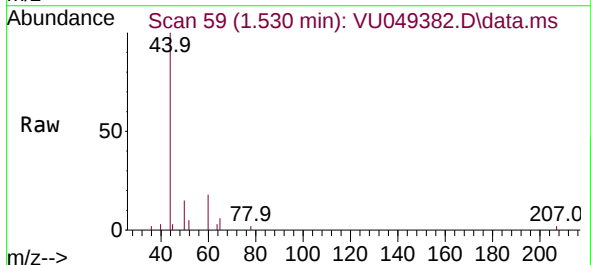
Instrument :
MSVOA_U
ClientSampleId :
EW4T8

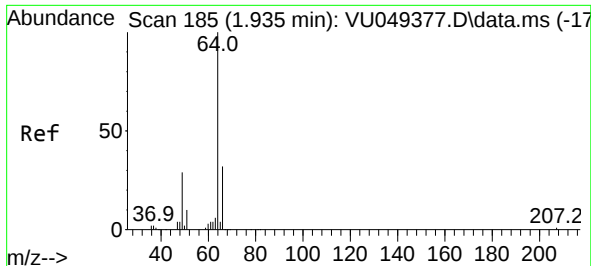
Tgt Ion: 85 Resp: 1854
Ion Ratio Lower Upper
85 100
87 30.7 25.5 38.3



#3
Chloromethane
Concen: 0.170 ug/L
RT: 1.530 min Scan# 59
Delta R.T. 0.006 min
Lab File: VU049382.D
Acq: 24 Jun 2022 12:35

Tgt Ion: 50 Resp: 1842
Ion Ratio Lower Upper
50 100
52 35.1 22.7 42.1

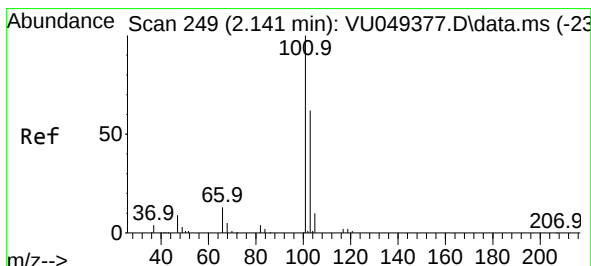
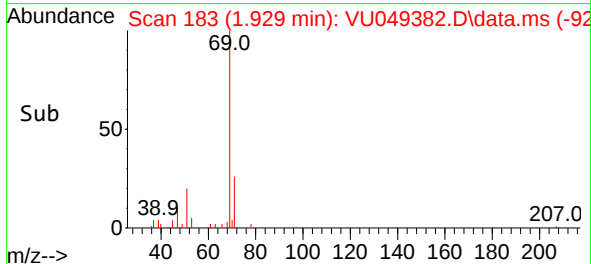
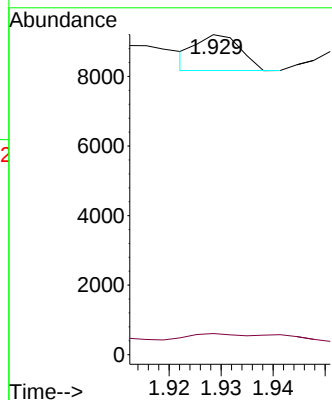
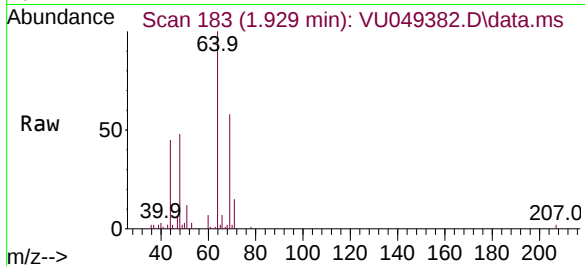




#8
Chloroethane
Concen: 0.108 ug/L
RT: 1.929 min Scan# 11
Delta R.T. -0.006 min
Lab File: VU049382.D
Acq: 24 Jun 2022 12:35

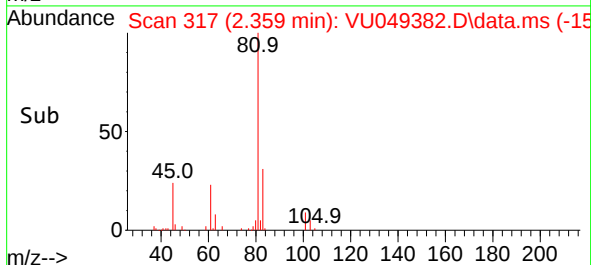
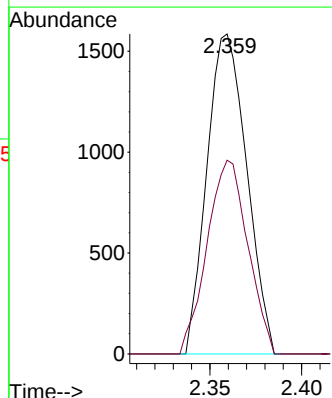
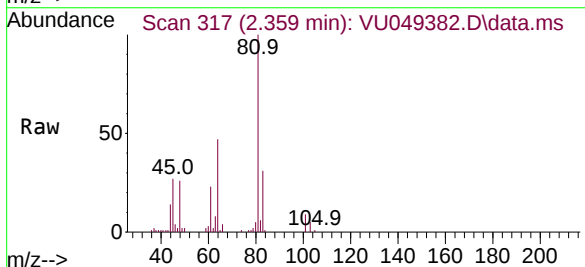
Instrument :
MSVOA_U
ClientSampleId :
EW4T8

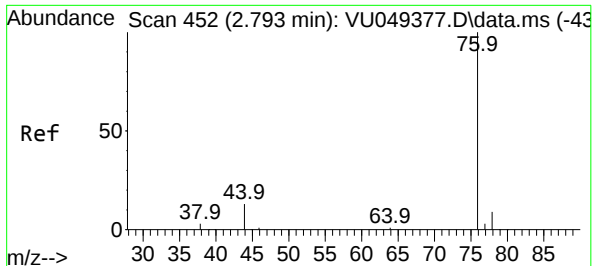
Tgt Ion: 64 Resp: 608
Ion Ratio Lower Upper
64 100
66 6.6 20.9 38.9#



#9
Trichlorofluoromethane
Concen: 0.212 ug/L
RT: 2.359 min Scan# 317
Delta R.T. 0.219 min
Lab File: VU049382.D
Acq: 24 Jun 2022 12:35

Tgt Ion: 101 Resp: 2395
Ion Ratio Lower Upper
101 100
103 61.8 53.5 80.3

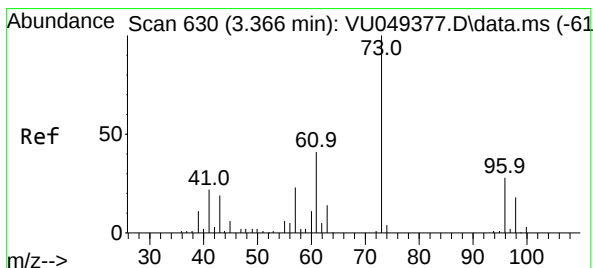
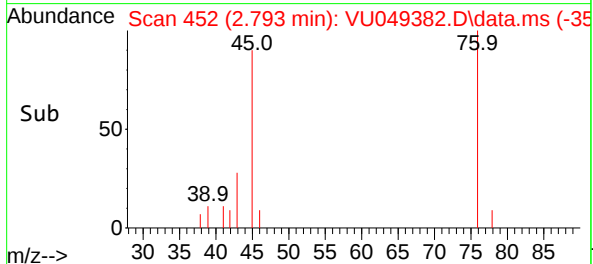
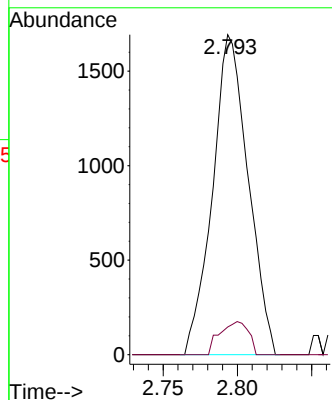
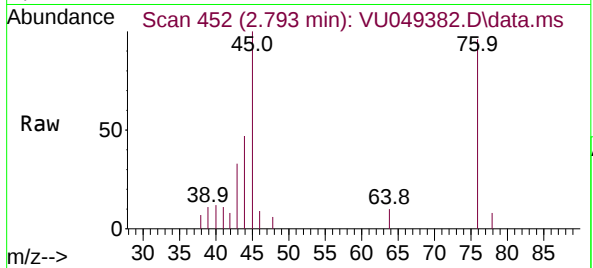




#14
Carbon disulfide
Concen: 0.131 ug/L
RT: 2.793 min Scan# 41
Delta R.T. -0.000 min
Lab File: VU049382.D
Acq: 24 Jun 2022 12:35

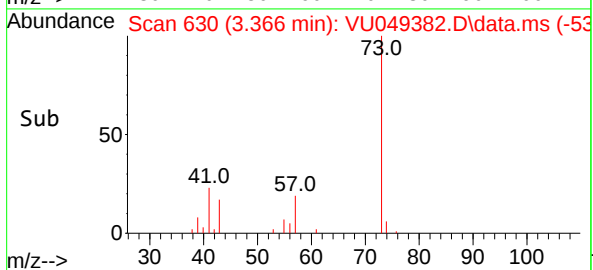
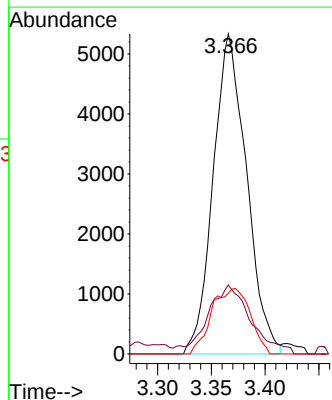
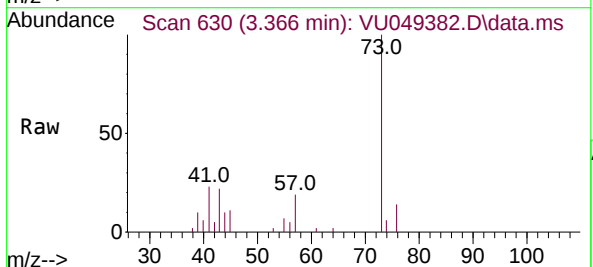
Instrument :
MSVOA_U
ClientSampleId :
EW4T8

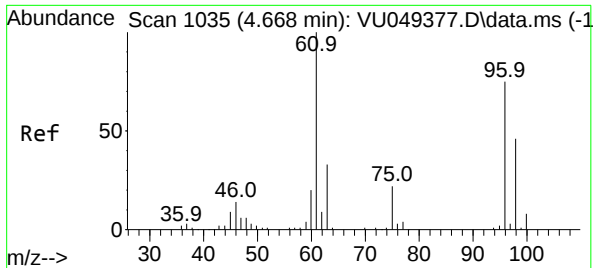
Tgt Ion: 76 Resp: 2823
Ion Ratio Lower Upper
76 100
78 8.6 7.5 11.3



#17
Methyl tert-butyl Ether
Concen: 0.584 ug/L
RT: 3.366 min Scan# 630
Delta R.T. -0.000 min
Lab File: VU049382.D
Acq: 24 Jun 2022 12:35

Tgt Ion: 73 Resp: 11518
Ion Ratio Lower Upper
73 100
43 27.8 16.5 24.7#
57 23.6 18.6 27.8

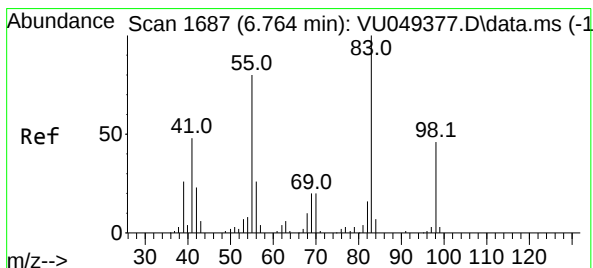
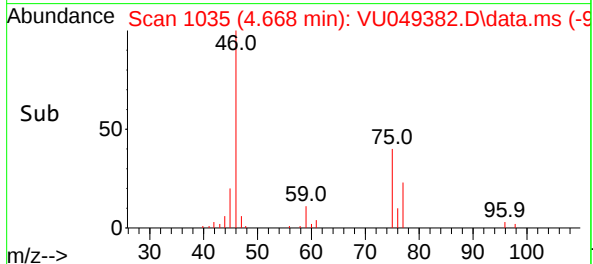
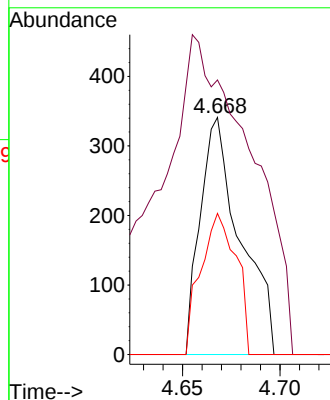
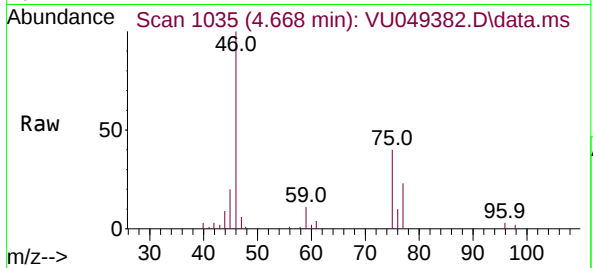




#22
 cis-1,2-Dichloroethene
 Concen: 0.060 ug/L
 RT: 4.668 min Scan# 1035
 Delta R.T. -0.000 min
 Lab File: VU049382.D
 Acq: 24 Jun 2022 12:35

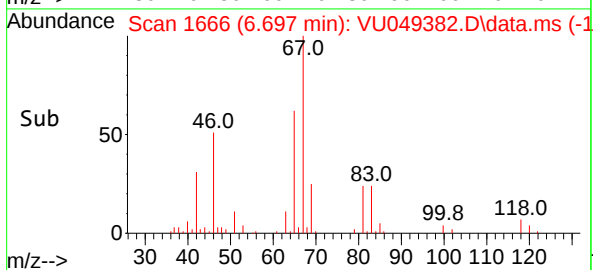
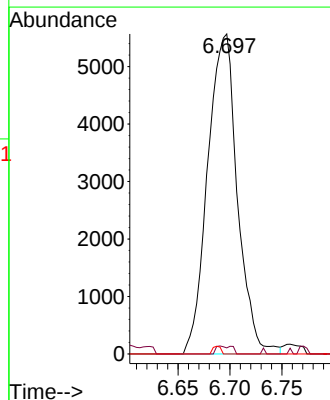
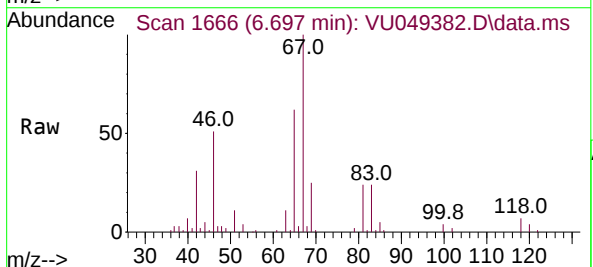
Instrument :
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 ClientSampleId :
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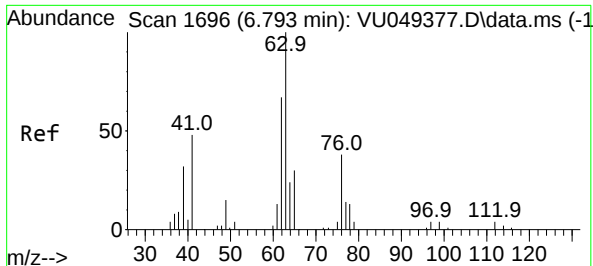
Tgt Ion:	96	Resp:	487
Ion	Ratio	Lower	Upper
96	100		
61	115.8	99.5	184.9
98	59.5	44.8	83.2



#35
 Methylcyclohexane
 Concen: 0.795 ug/L
 RT: 6.697 min Scan# 1666
 Delta R.T. -0.068 min
 Lab File: VU049382.D
 Acq: 24 Jun 2022 12:35

Tgt Ion:	83	Resp:	11102
Ion	Ratio	Lower	Upper
83	100		
55	1.3	66.9	100.3#
98	0.6	35.5	53.3#





#37

1,2-Dichloropropane

Concen: 0.623 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU049382.D

Acq: 24 Jun 2022 12:35

Instrument :

MSVOA_U

ClientSampleId :

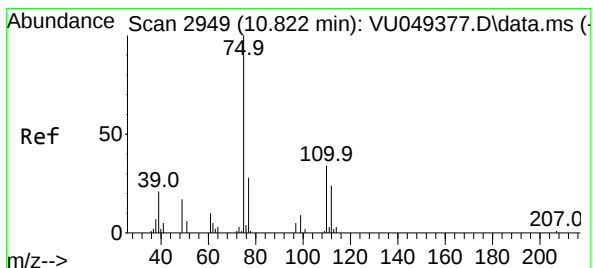
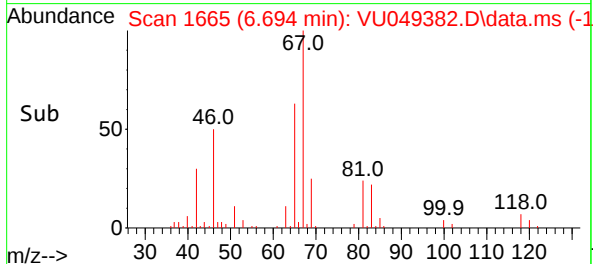
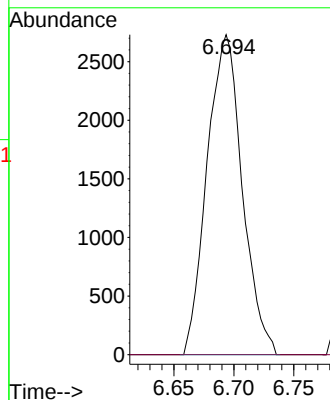
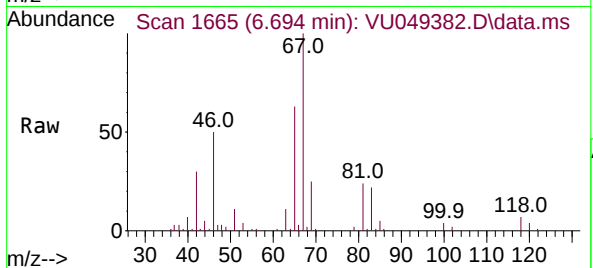
EW4T8

Tgt Ion: 63 Resp: 5576

Ion Ratio Lower Upper

63 100

112 0.0 2.8 4.2#



#61

1,2,3-Trichloropropane

Concen: 1.152 ug/L

RT: 11.809 min Scan# 3256

Delta R.T. 0.987 min

Lab File: VU049382.D

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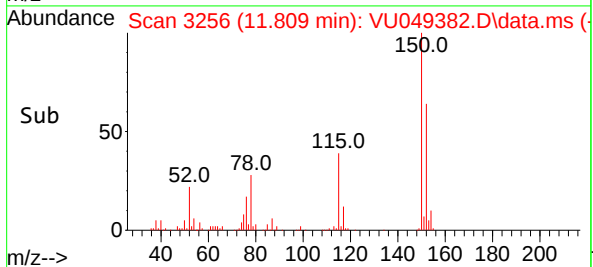
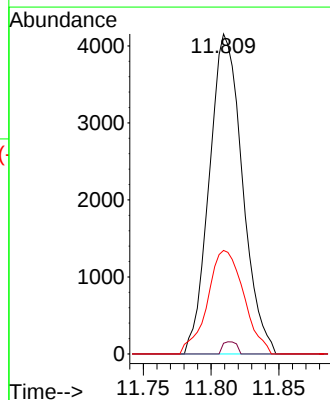
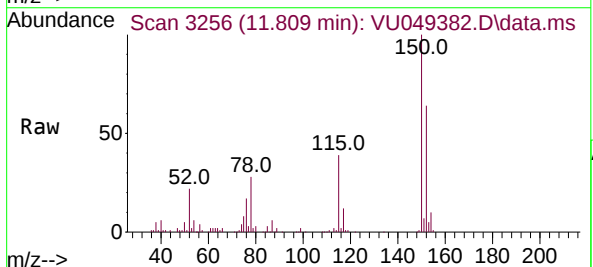
Tgt Ion: 75 Resp: 7054

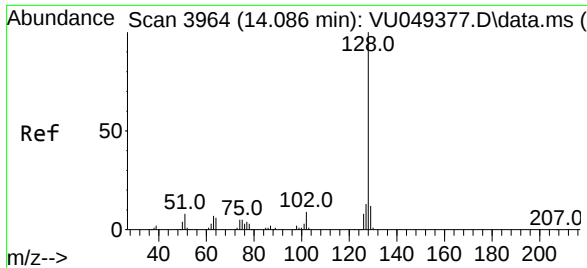
Ion Ratio Lower Upper

75 100

110 1.6 29.0 43.4#

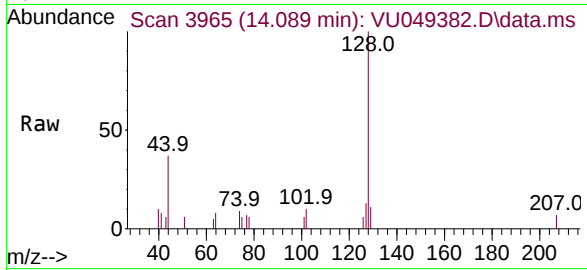
77 35.5 26.2 39.2





#71
Naphthalene
Concen: 0.188 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. 0.003 min
Lab File: VU049382.D
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Tgt Ion:128 Resp: 3537
Ion Ratio Lower Upper
128 100
129 8.9 9.0 13.6#
127 8.4 10.2 15.4#

