

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062422\
 Data File : VU049383.D
 Acq On : 24 Jun 2022 12:58
 Operator : SY/MD
 Sample : N3374-06
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW4T6

Quant Time: Jun 25 00:16:05 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)

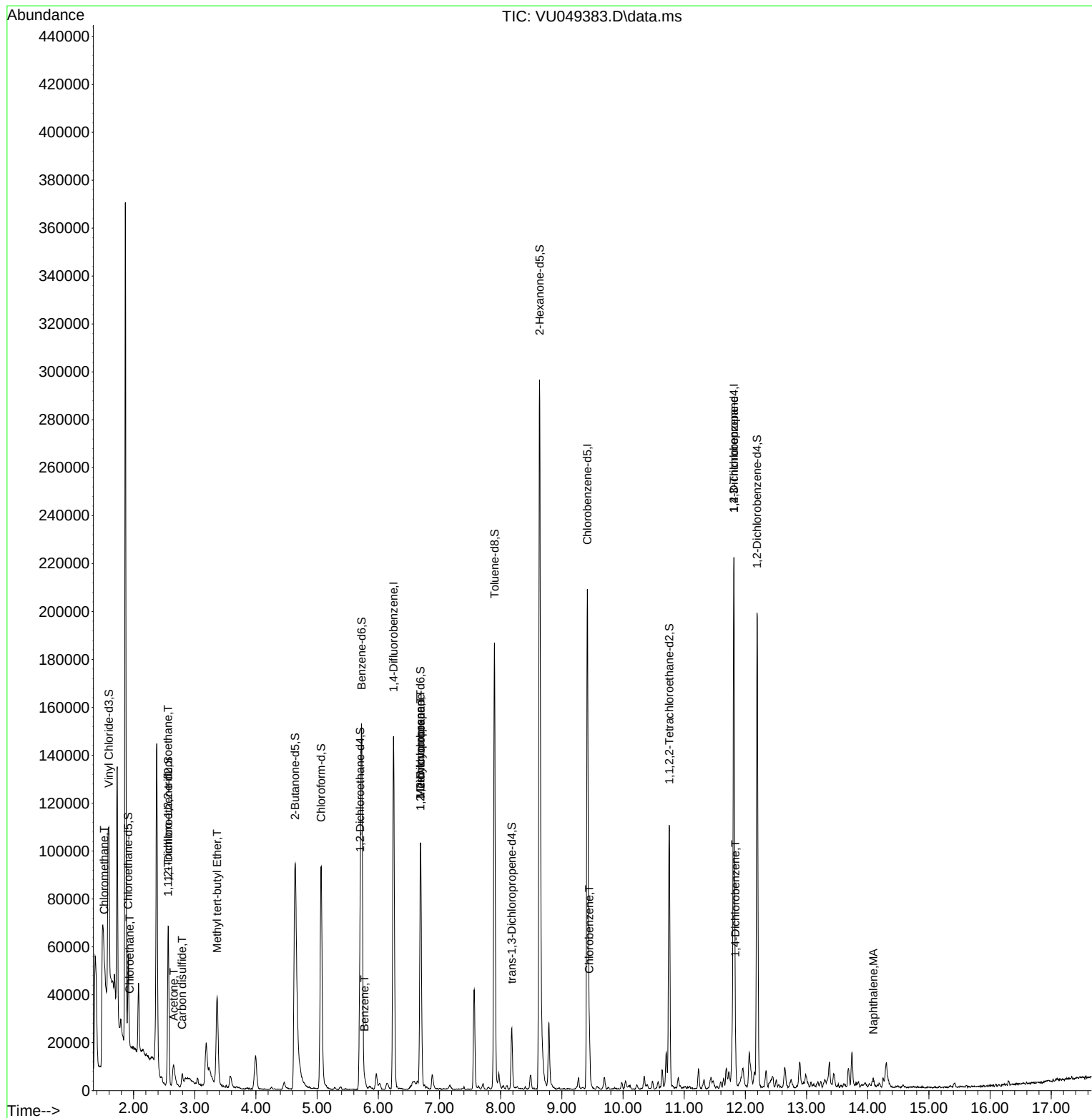
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	118799	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	112121	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	55360	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	29282	2.821	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	56.400%
7) Chloroethane-d5	1.912	69	25364	3.609	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.200%
11) 1,1-Dichloroethene-d2	2.568	65	12863	3.081	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.600%
20) 2-Butanone-d5	4.639	46	143568	51.799	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.600%
24) Chloroform-d	5.067	84	70561	4.332	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.600%
26) 1,2-Dichloroethane-d4	5.703	65	42112	4.714	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.200%
32) Benzene-d6	5.729	84	135052	3.998	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.000%
36) 1,2-Dichloropropane-d6	6.690	67	48949	4.270	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.400%
41) Toluene-d8	7.899	98	121081	3.981	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.600%
43) trans-1,3-Dichloroprop...	8.182	79	15117	2.968	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	59.400%
46) 2-Hexanone-d5	8.636	63	102951	50.111	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.220%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	44511	4.849	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.000%
66) 1,2-Dichlorobenzene-d4	12.192	152	49480	4.658	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.200%
Target Compounds						
					Qvalue	
3) Chloromethane	1.520	50	4107	0.369	ug/L #	74
8) Chloroethane	1.935	64	1400	0.242	ug/L #	59
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	334	0.049	ug/L #	21
13) Acetone	2.655	43	16942	12.351	ug/L	92
14) Carbon disulfide	2.793	76	6913	0.313	ug/L	100
17) Methyl tert-butyl Ether	3.366	73	41098	2.034	ug/L	97
33) Benzene	5.774	78	2528	0.076	ug/L	100
35) Methylcyclohexane	6.690	83	10796	0.755	ug/L #	17
37) 1,2-Dichloropropane	6.687	63	5347	0.583	ug/L #	89
51) Chlorobenzene	9.449	112	10890	0.506	ug/L	98
61) 1,2,3-Trichloropropane	11.812	75	9414	1.516	ug/L #	67
65) 1,4-Dichlorobenzene	11.835	146	4711	0.295	ug/L	88
71) Naphthalene	14.092	128	2556	0.134	ug/L #	94

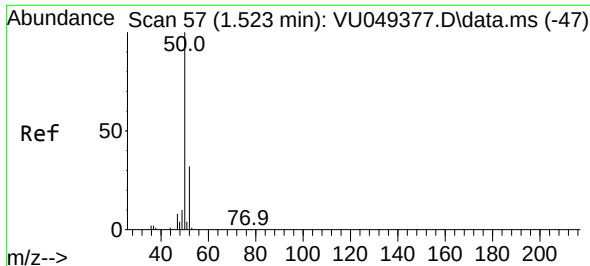
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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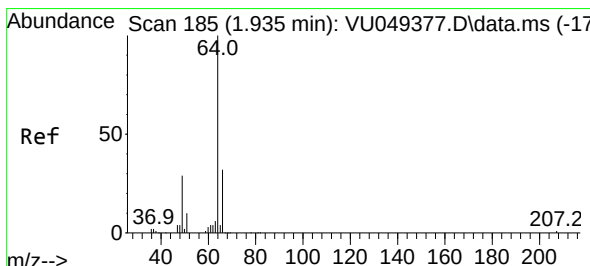
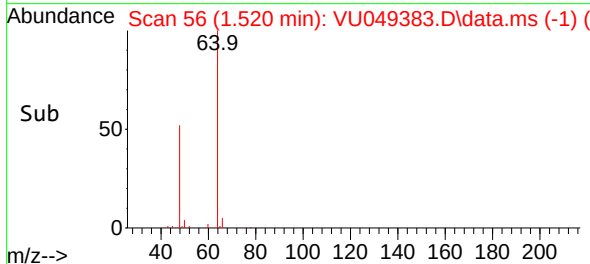
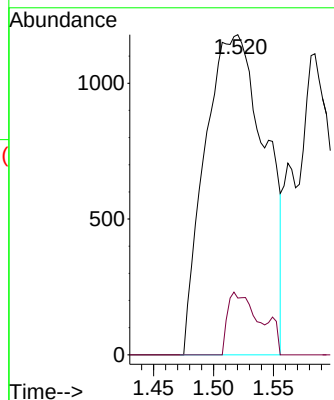
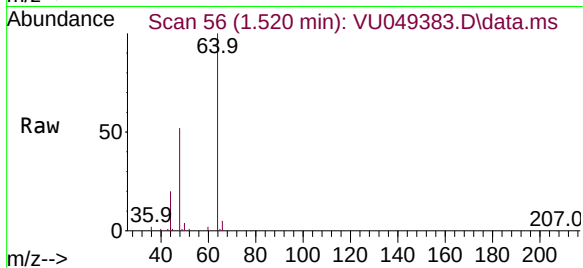




#3
Chloromethane
Concen: 0.369 ug/L
RT: 1.520 min Scan# 50
Delta R.T. -0.003 min
Lab File: VU049383.D
Acq: 24 Jun 2022 12:58

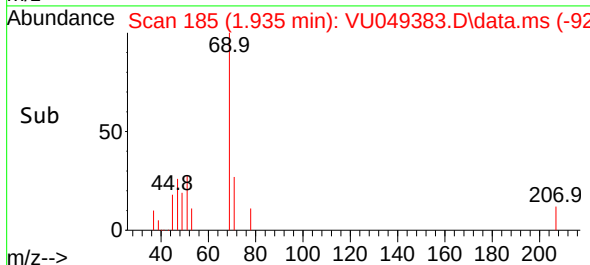
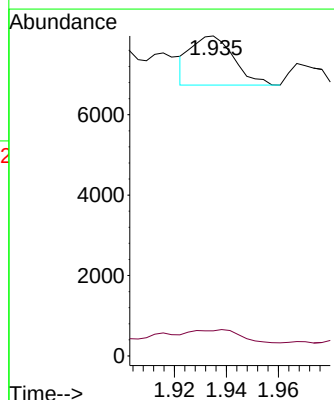
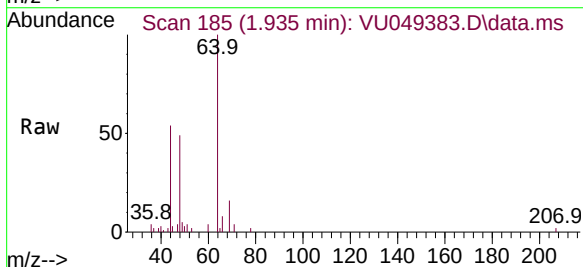
Instrument :
MSVOA_U
ClientSampleId :
EW4T6

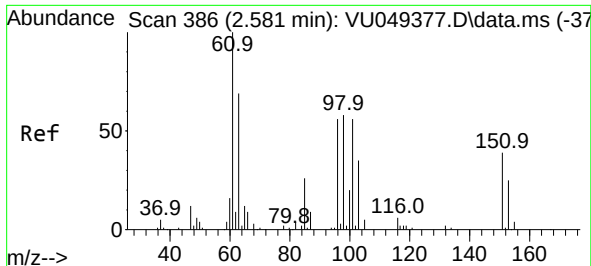
Tgt Ion: 50 Resp: 4107
Ion Ratio Lower Upper
50 100
52 17.7 22.7 42.1#



#8
Chloroethane
Concen: 0.242 ug/L
RT: 1.935 min Scan# 185
Delta R.T. -0.000 min
Lab File: VU049383.D
Acq: 24 Jun 2022 12:58

Tgt Ion: 64 Resp: 1400
Ion Ratio Lower Upper
64 100
66 7.9 20.9 38.9#

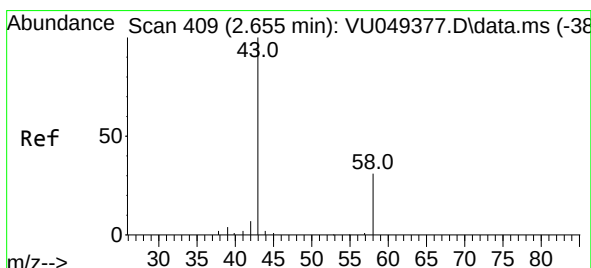
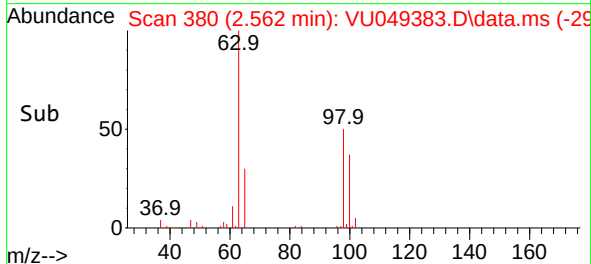
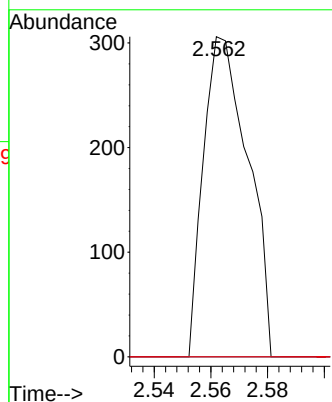
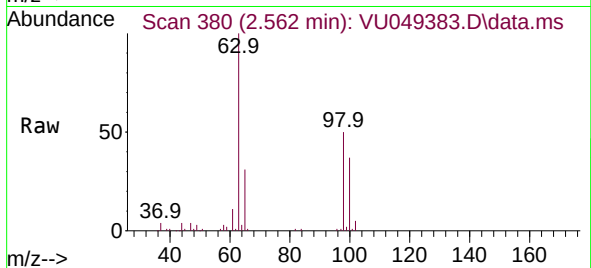




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.049 ug/L
RT: 2.562 min Scan# 386
Delta R.T. -0.019 min
Lab File: VU049383.D
Acq: 24 Jun 2022 12:58

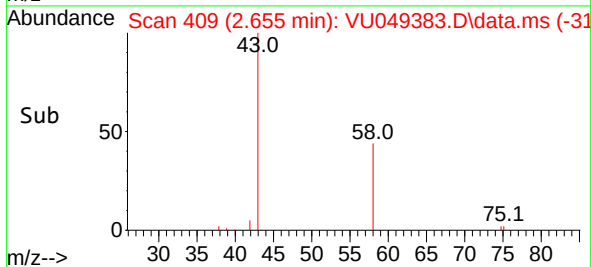
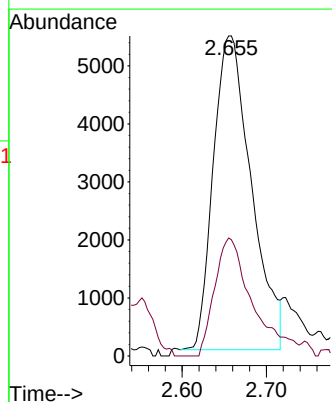
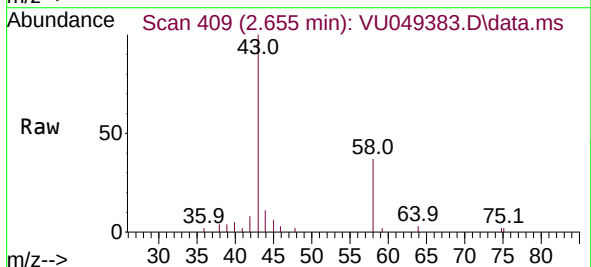
Instrument :
MSVOA_U
ClientSampleId :
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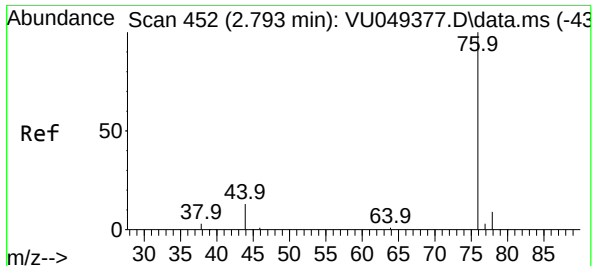
Tgt Ion:101 Resp: 334
Ion Ratio Lower Upper
101 100
85 0.0 36.1 54.1#
151 0.0 56.8 85.2#



#13
Acetone
Concen: 12.351 ug/L
RT: 2.655 min Scan# 409
Delta R.T. 0.000 min
Lab File: VU049383.D
Acq: 24 Jun 2022 12:58

Tgt Ion: 43 Resp: 16942
Ion Ratio Lower Upper
43 100
58 37.6 0.0 65.8

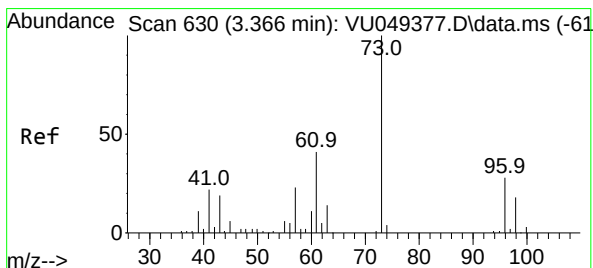
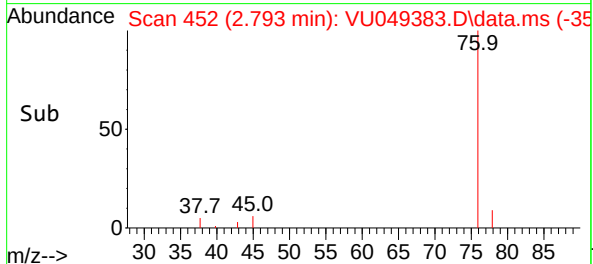
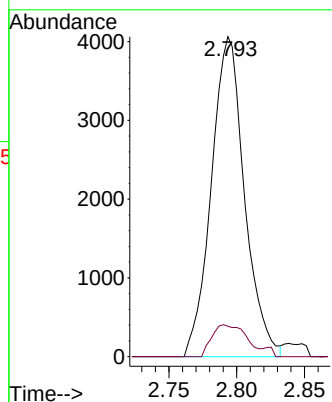
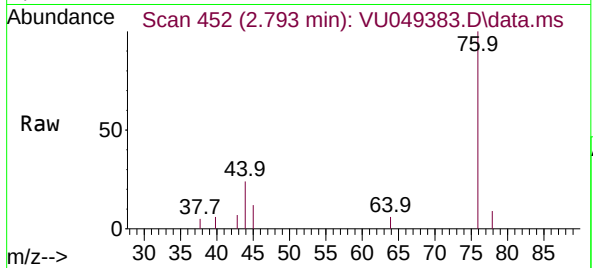




#14
Carbon disulfide
Concen: 0.313 ug/L
RT: 2.793 min Scan# 41
Delta R.T. 0.000 min
Lab File: VU049383.D
Acq: 24 Jun 2022 12:58

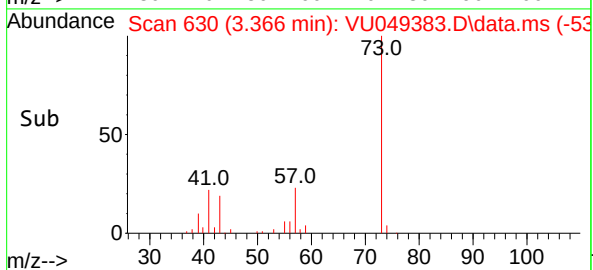
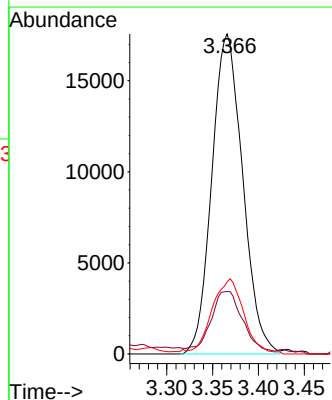
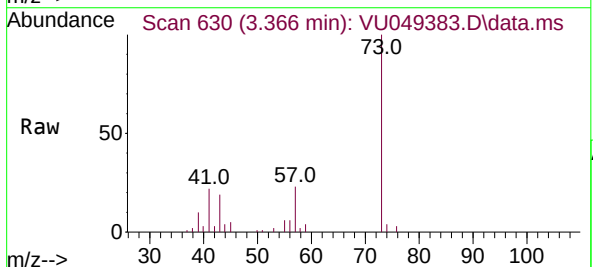
Instrument :
MSVOA_U
ClientSampleId :
EW4T6

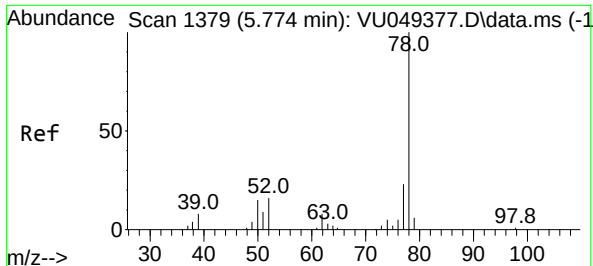
Tgt Ion: 76 Resp: 6913
Ion Ratio Lower Upper
76 100
78 9.5 7.5 11.3



#17
Methyl tert-butyl Ether
Concen: 2.034 ug/L
RT: 3.366 min Scan# 630
Delta R.T. 0.000 min
Lab File: VU049383.D
Acq: 24 Jun 2022 12:58

Tgt Ion: 73 Resp: 41098
Ion Ratio Lower Upper
73 100
43 19.0 16.5 24.7
57 24.2 18.6 27.8

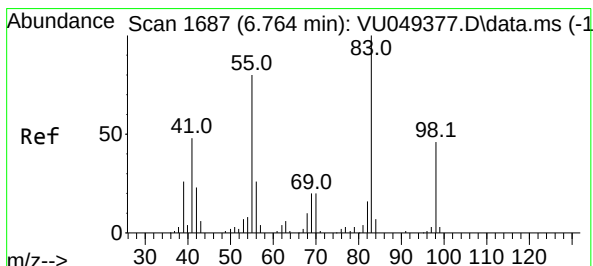
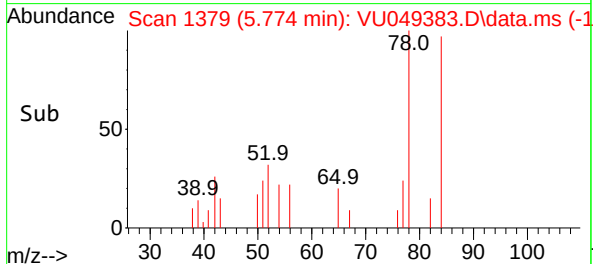
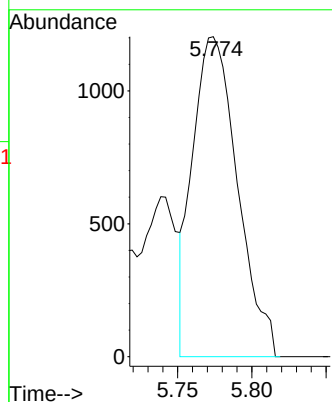
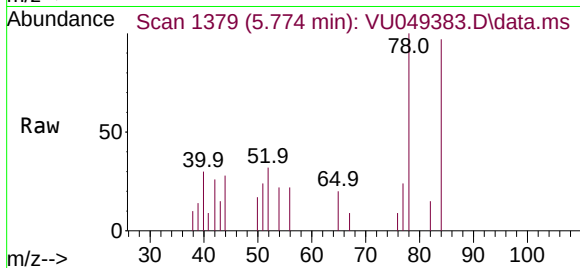




#33
Benzene
Concen: 0.076 ug/L
RT: 5.774 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU049383.D
Acq: 24 Jun 2022 12:58

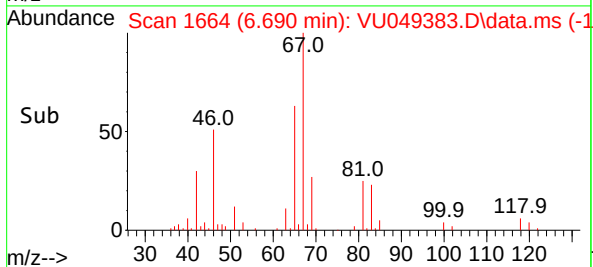
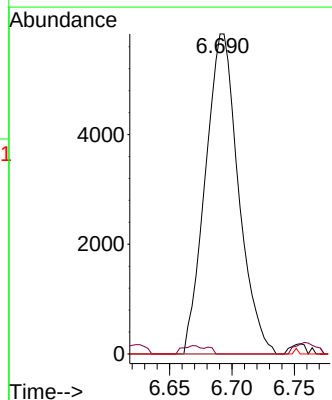
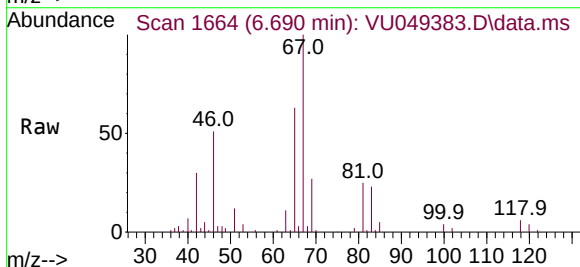
Instrument :
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ClientSampleId :
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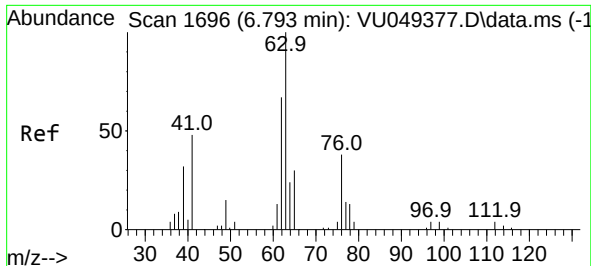
Tgt Ion: 78 Resp: 2528



#35
Methylcyclohexane
Concen: 0.755 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.074 min
Lab File: VU049383.D
Acq: 24 Jun 2022 12:58

Tgt Ion: 83 Resp: 10796
Ion Ratio Lower Upper
83 100
55 2.0 66.9 100.3#
98 0.0 35.5 53.3#





#37

1,2-Dichloropropane

Concen: 0.583 ug/L

RT: 6.687 min Scan# 1

Delta R.T. -0.106 min

Lab File: VU049383.D

Acq: 24 Jun 2022 12:58

Instrument :

MSVOA_U

ClientSampleId :

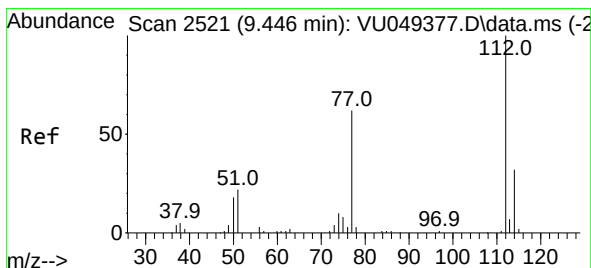
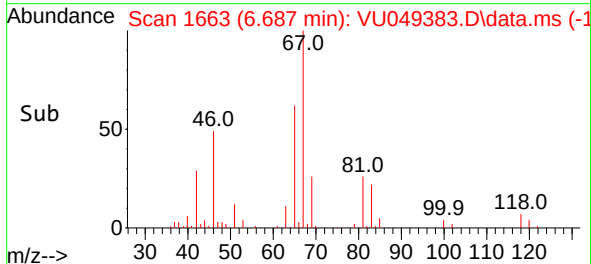
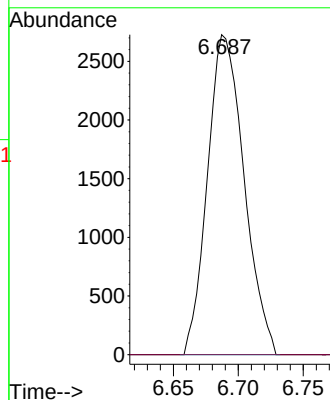
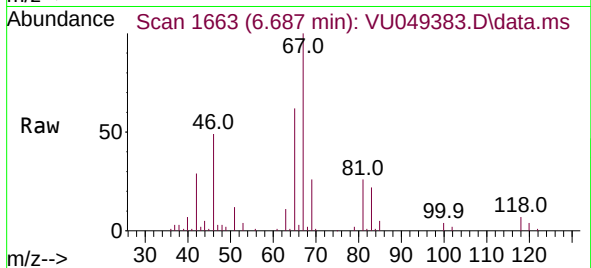
EW4T6

Tgt Ion: 63 Resp: 5347

Ion Ratio Lower Upper

63 100

112 0.0 2.8 4.2#



#51

Chlorobenzene

Concen: 0.506 ug/L

RT: 9.449 min Scan# 2522

Delta R.T. 0.003 min

Lab File: VU049383.D

Acq: 24 Jun 2022 12:58

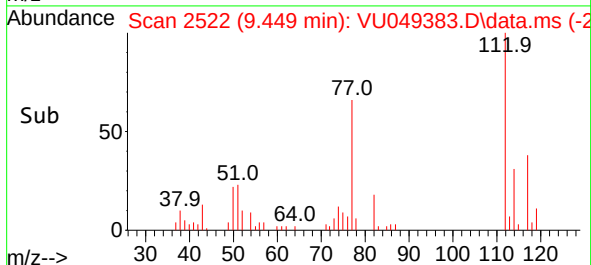
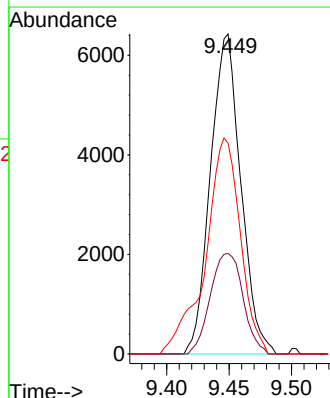
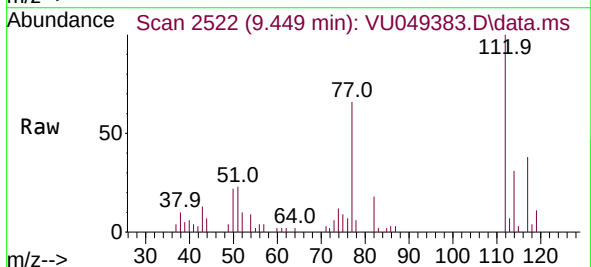
Tgt Ion: 112 Resp: 10890

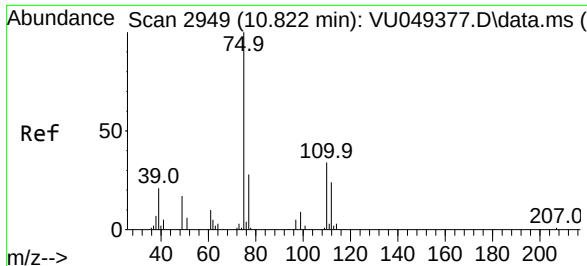
Ion Ratio Lower Upper

112 100

114 31.4 22.3 41.3

77 65.9 51.0 76.6

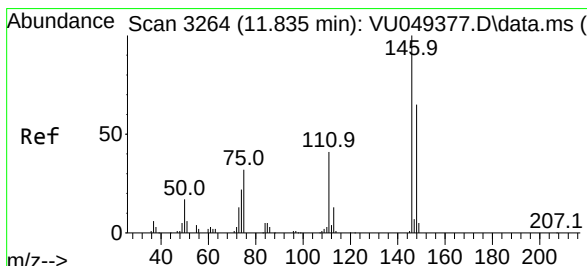
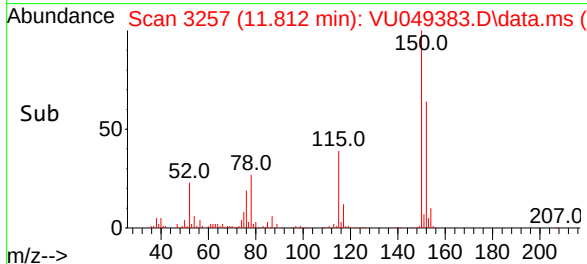
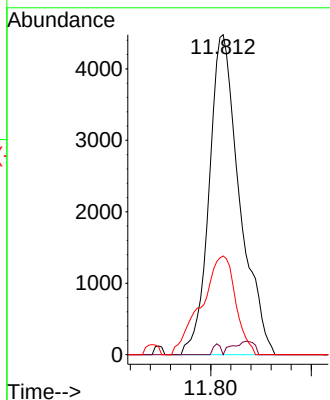
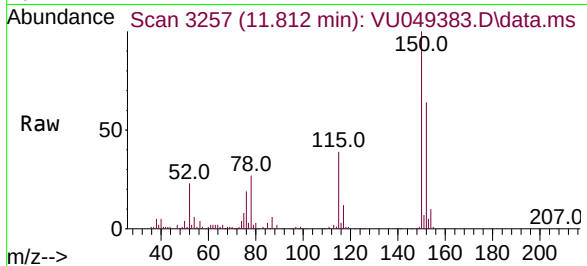




#61
1,2,3-Trichloropropane
Concen: 1.516 ug/L
RT: 11.812 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU049383.D
Acq: 24 Jun 2022 12:58

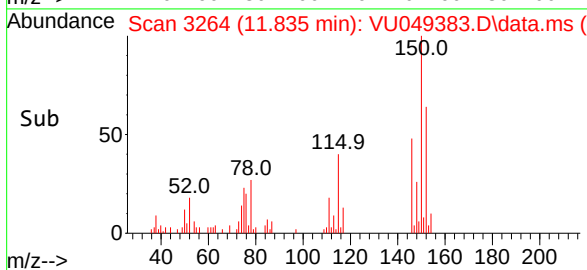
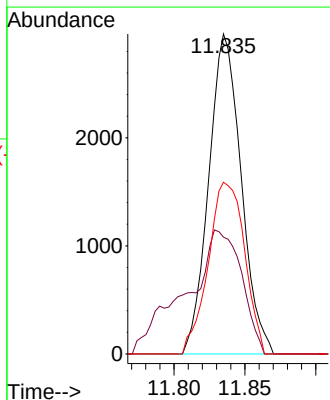
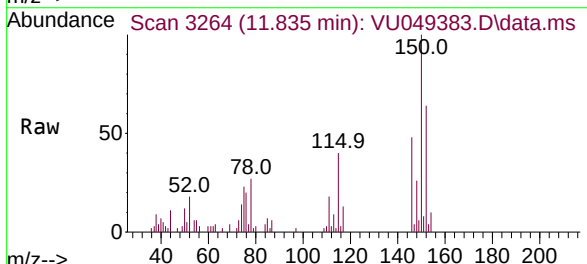
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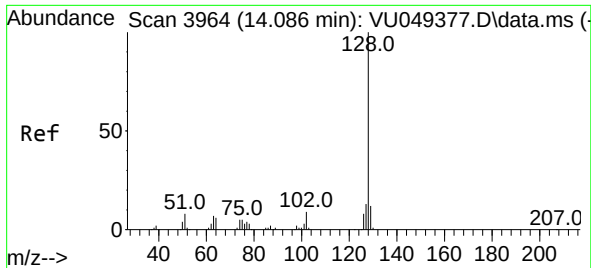
Tgt Ion: 75 Resp: 9414
Ion Ratio Lower Upper
75 100
110 0.8 29.0 43.4#
77 34.7 26.2 39.2



#65
1,4-Dichlorobenzene
Concen: 0.295 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU049383.D
Acq: 24 Jun 2022 12:58

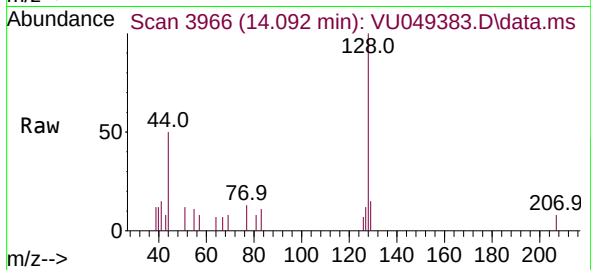
Tgt Ion:146 Resp: 4711
Ion Ratio Lower Upper
146 100
111 36.5 29.8 55.4
148 53.7 44.7 83.1





#71
Naphthalene
Concen: 0.134 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. 0.006 min
Lab File: VU049383.D
Acq: 24 Jun 2022 12:58

Instrument :
MSVOA_U
ClientSampleId :
EW4T6



Tgt Ion:128 Resp: 2556
Ion Ratio Lower Upper
128 100
129 9.5 9.0 13.6
127 10.2 10.2 15.4#

