

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072822\
 Data File : VU050015.D
 Acq On : 29 Jul 2022 03:51
 Operator : SY/MD
 Sample : N3950-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COCA6

Quant Time: Jul 29 06:42:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 29 05:04:48 2022
 Response via : Initial Calibration

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

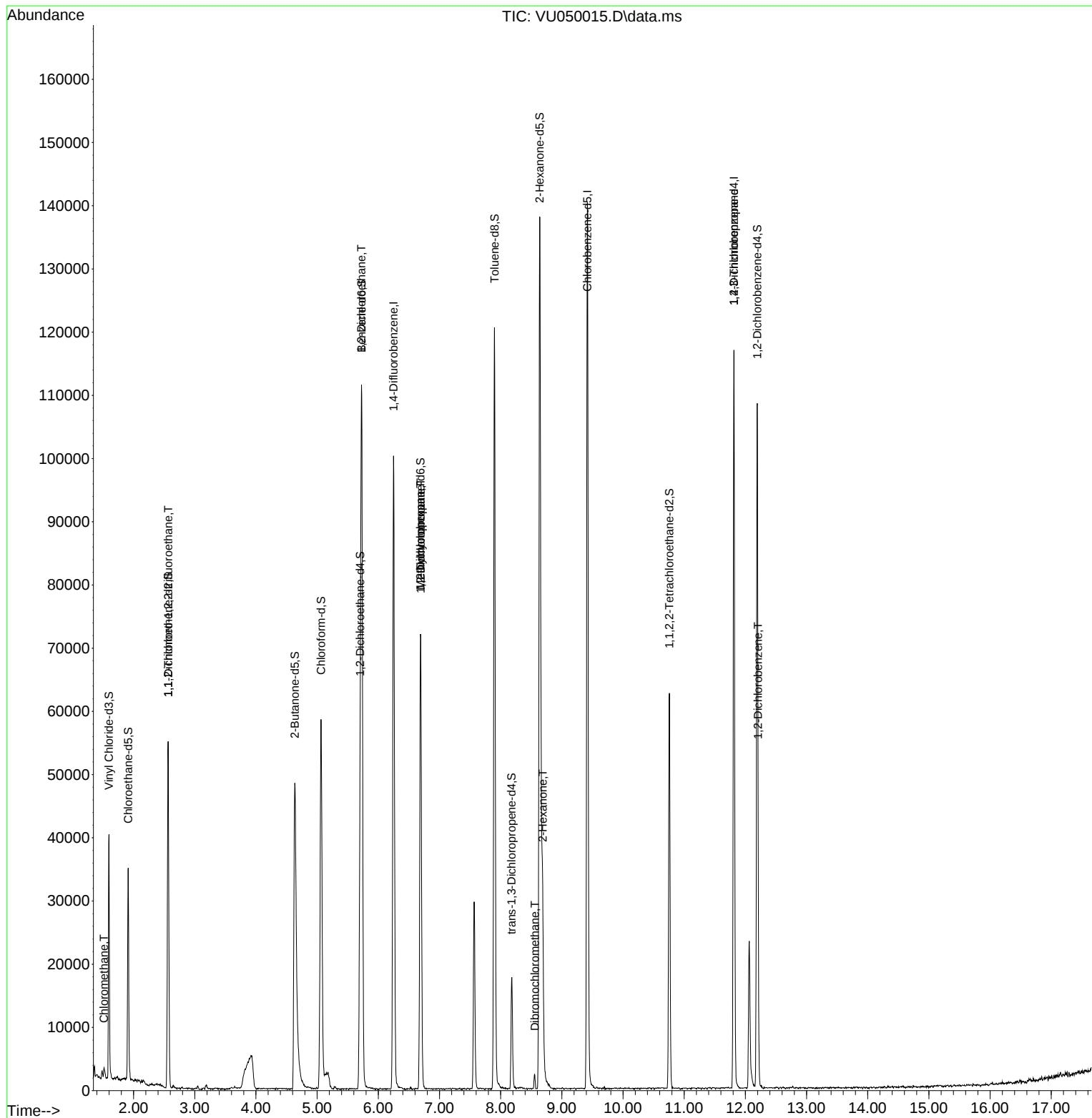
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	82907	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	83565	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	32661	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	27709	3.893	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	77.800%	
7) Chloroethane-d5	1.912	69	23711	4.637	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	92.800%	
11) 1,1-Dichloroethene-d2	2.565	65	10302	4.199	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	84.000%	
20) 2-Butanone-d5	4.636	46	81416	51.380	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	102.760%	
24) Chloroform-d	5.063	84	55477	4.710	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.200%	
26) 1,2-Dichloroethane-d4	5.703	65	29434	4.959	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	99.200%	
32) Benzene-d6	5.729	84	109427	4.431	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.600%	
36) 1,2-Dichloropropane-d6	6.690	67	37905	4.686	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	93.800%	
41) Toluene-d8	7.899	98	84204	3.837	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	76.800%	
43) trans-1,3-Dichloroprop...	8.179	79	11268	3.974	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	79.400%	
46) 2-Hexanone-d5	8.636	63	44020	41.475	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	82.940%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	32868	4.836	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	96.800%	
66) 1,2-Dichlorobenzene-d4	12.195	152	29749	4.911	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	98.200%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.517	50	1895	0.250	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	256	0.052	ug/L #	21
27) 1,2-Dichloroethane	5.723	62	625	0.097	ug/L #	73
35) Methylcyclohexane	6.690	83	8059	1.031	ug/L #	19
37) 1,2-Dichloropropane	6.694	63	3802	0.566	ug/L #	88
48) 2-Hexanone	8.687	43	15912	5.375	ug/L #	95
49) Dibromochloromethane	8.558	129	526	0.096	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	3876	1.022	ug/L #	67
67) 1,2-Dichlorobenzene	12.208	146	730	0.080	ug/L	86

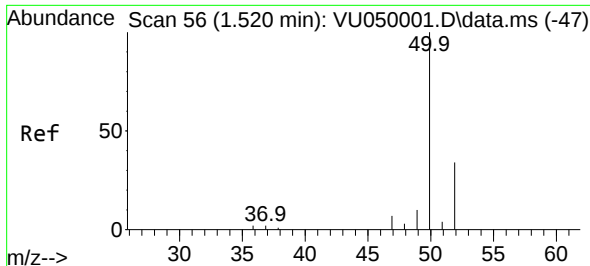
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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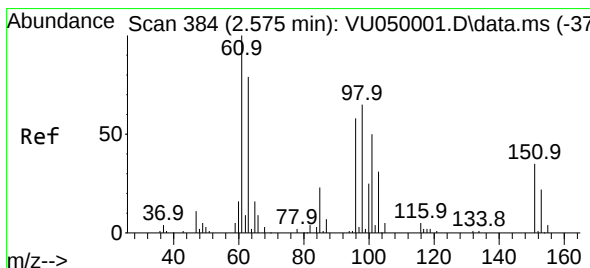
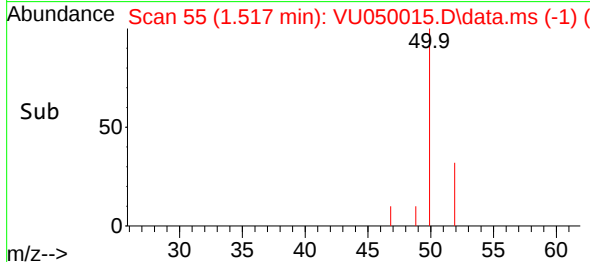
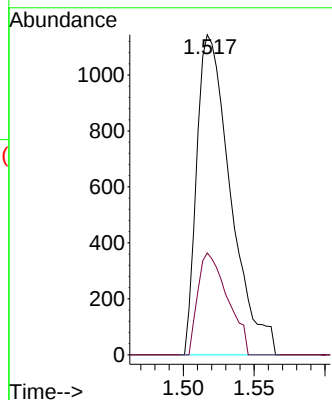
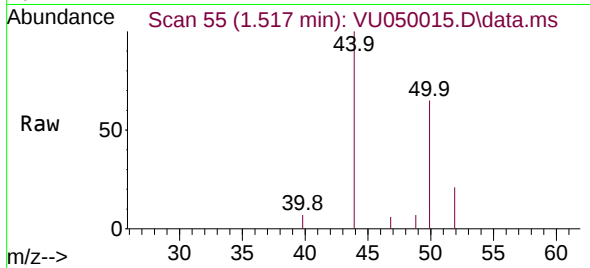




#3
Chloromethane
Concen: 0.250 ug/L
RT: 1.517 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU050015.D
Acq: 29 Jul 2022 03:51

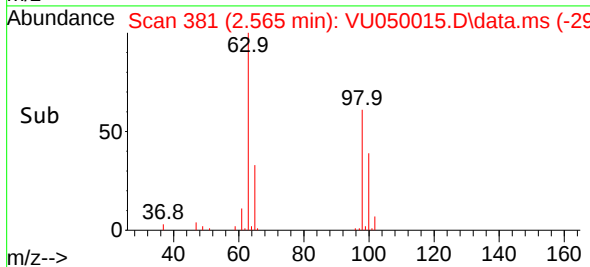
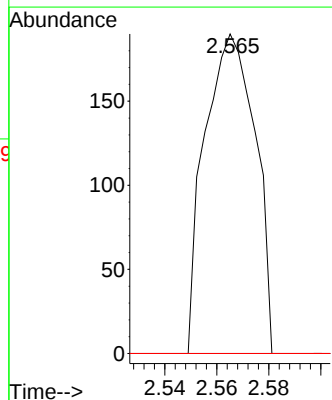
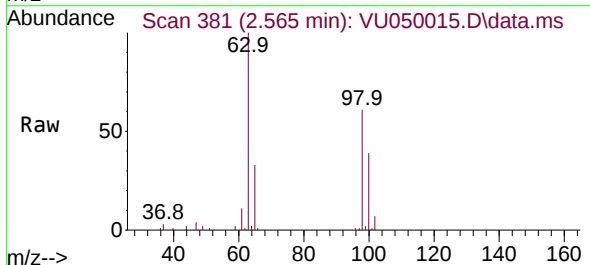
Instrument :
MSVOA_U
ClientSampleId :
C0CA6

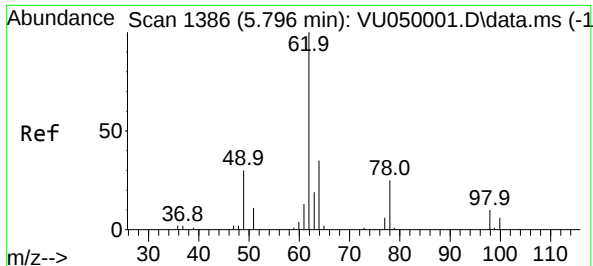
Tgt Ion: 50 Resp: 1895
Ion Ratio Lower Upper
50 100
52 31.8 22.4 41.6



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.052 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.010 min
Lab File: VU050015.D
Acq: 29 Jul 2022 03:51

Tgt Ion: 101 Resp: 256
Ion Ratio Lower Upper
101 100
85 0.0 34.1 51.1#
151 0.0 56.6 85.0#





#27

1,2-Dichloroethane

Concen: 0.097 ug/L

RT: 5.723 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU050015.D

Acq: 29 Jul 2022 03:51

Instrument :

MSVOA_U

ClientSampleId :

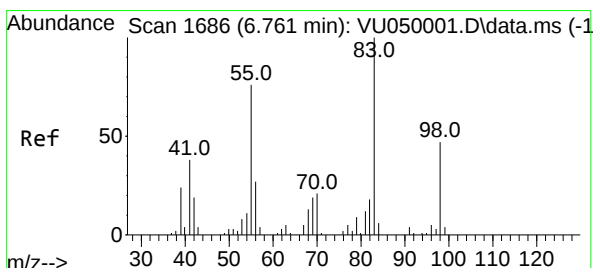
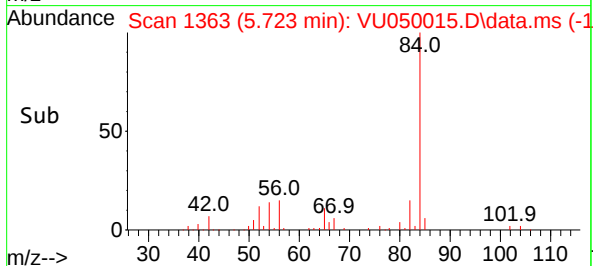
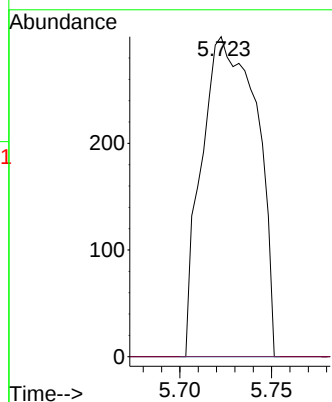
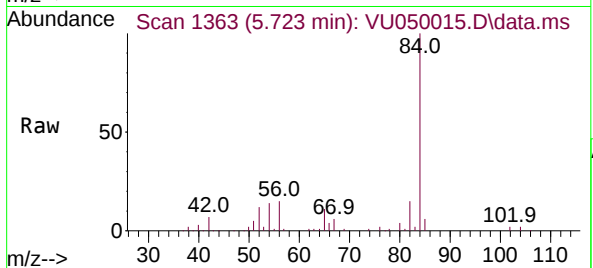
C0CA6

Tgt Ion: 62 Resp: 625

Ion Ratio Lower Upper

62 100

98 0.0 7.9 11.9#



#35

Methylcyclohexane

Concen: 1.031 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.071 min

Lab File: VU050015.D

Acq: 29 Jul 2022 03:51

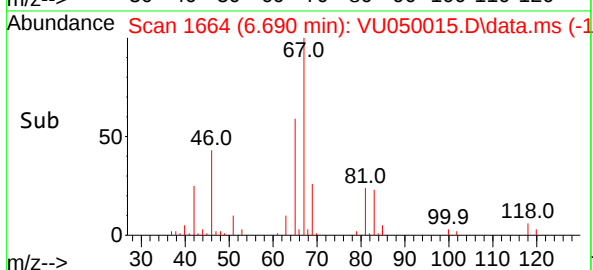
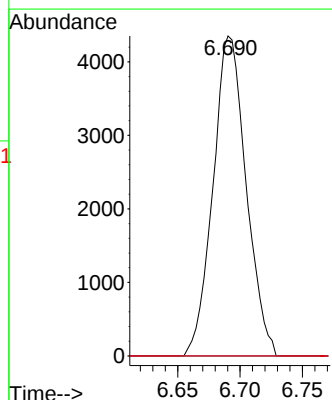
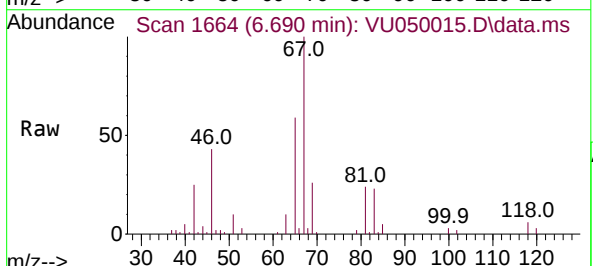
Tgt Ion: 83 Resp: 8059

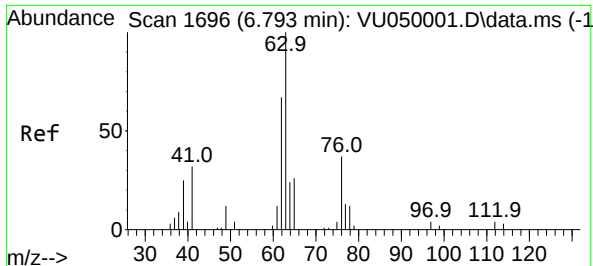
Ion Ratio Lower Upper

83 100

55 0.0 61.6 92.4#

98 0.0 34.8 52.2#

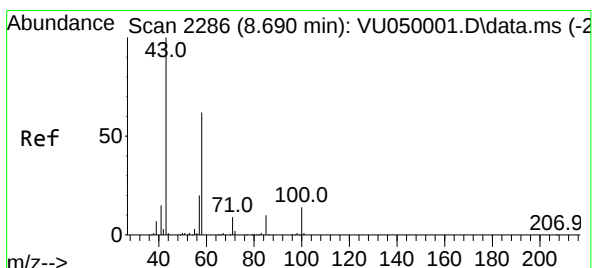
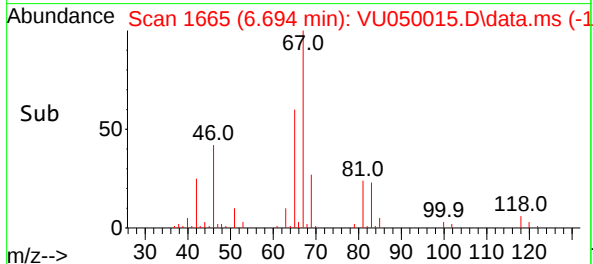
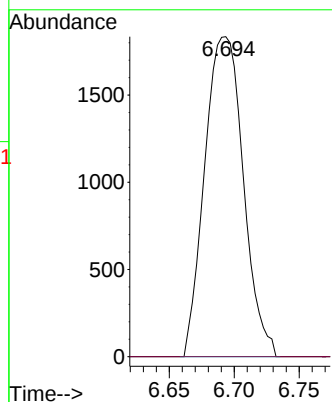
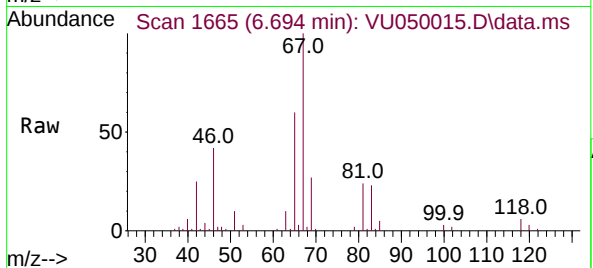




#37
1,2-Dichloropropane
Concen: 0.566 ug/L
RT: 6.694 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU050015.D
Acq: 29 Jul 2022 03:51

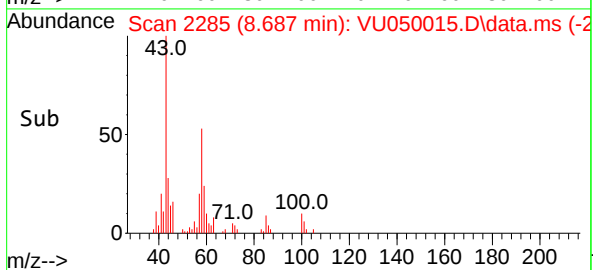
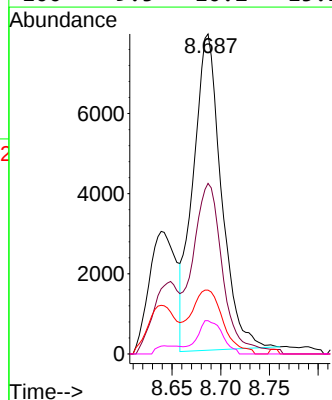
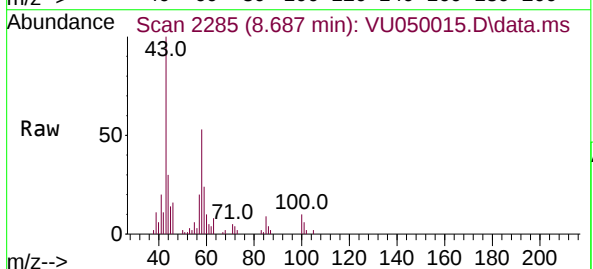
Instrument :
MSVOA_U
ClientSampleId :
C0CA6

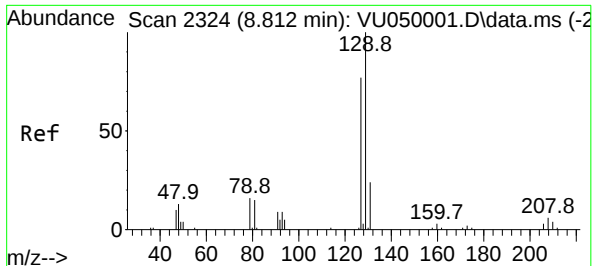
Tgt Ion: 63 Resp: 3802
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.6#



#48
2-Hexanone
Concen: 5.375 ug/L
RT: 8.687 min Scan# 2285
Delta R.T. -0.003 min
Lab File: VU050015.D
Acq: 29 Jul 2022 03:51

Tgt Ion: 43 Resp: 15912
Ion Ratio Lower Upper
43 100
58 57.6 49.4 74.0
57 22.4 17.0 25.4
100 9.5 10.2 15.2#





#49

Dibromochloromethane

Concen: 0.096 ug/L

RT: 8.558 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU050015.D

Acq: 29 Jul 2022 03:51

Instrument :

MSVOA_U

ClientSampleId :

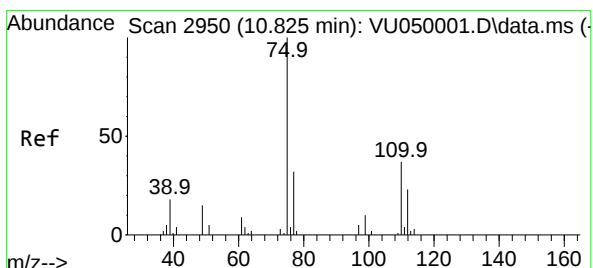
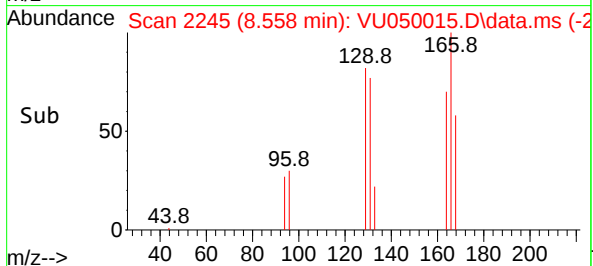
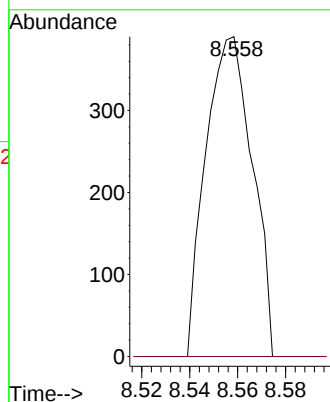
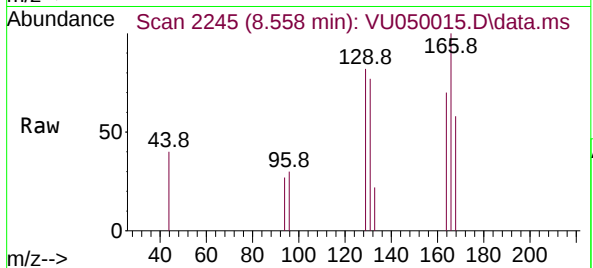
C0CA6

Tgt Ion:129 Resp: 526

Ion Ratio Lower Upper

129 100

127 0.0 54.5 101.1#



#61

1,2,3-Trichloropropane

Concen: 1.022 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.987 min

Lab File: VU050015.D

Acq: 29 Jul 2022 03:51

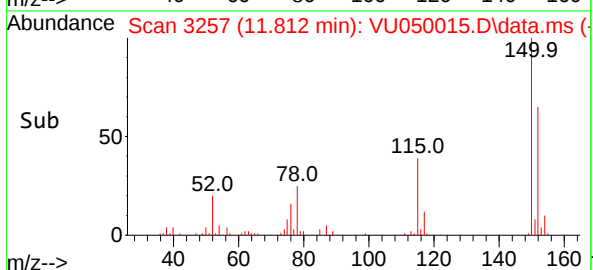
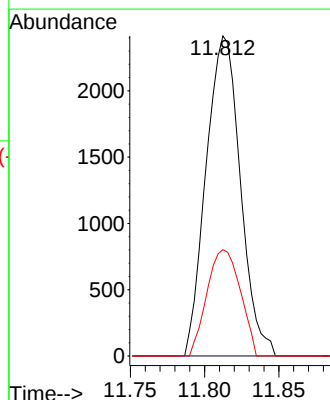
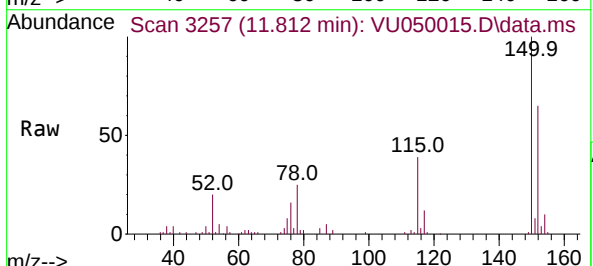
Tgt Ion: 75 Resp: 3876

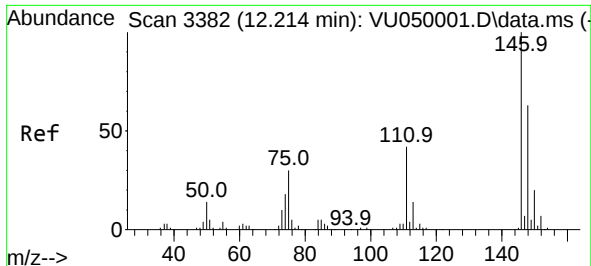
Ion Ratio Lower Upper

75 100

110 0.0 28.1 42.1#

77 32.2 24.7 37.1





#67

1,2-Dichlorobenzene

Concen: 0.080 ug/L

RT: 12.208 min Scan# 31

Delta R.T. -0.006 min

Lab File: VU050015.D

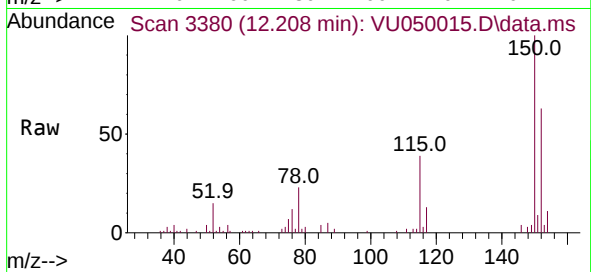
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Instrument :

MSVOA_U

ClientSampleId :

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Tgt Ion:146 Resp: 730

Ion Ratio Lower Upper

146 100

111 50.0 33.4 50.2

148 75.8 51.3 76.9

