

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103124\
 Data File : VU061334.D
 Acq On : 01 Nov 2024 01:28
 Operator : MD/SY
 Sample : P4631-08
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 01 01:51:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 01 00:44:02 2024
 Response via : Initial Calibration

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

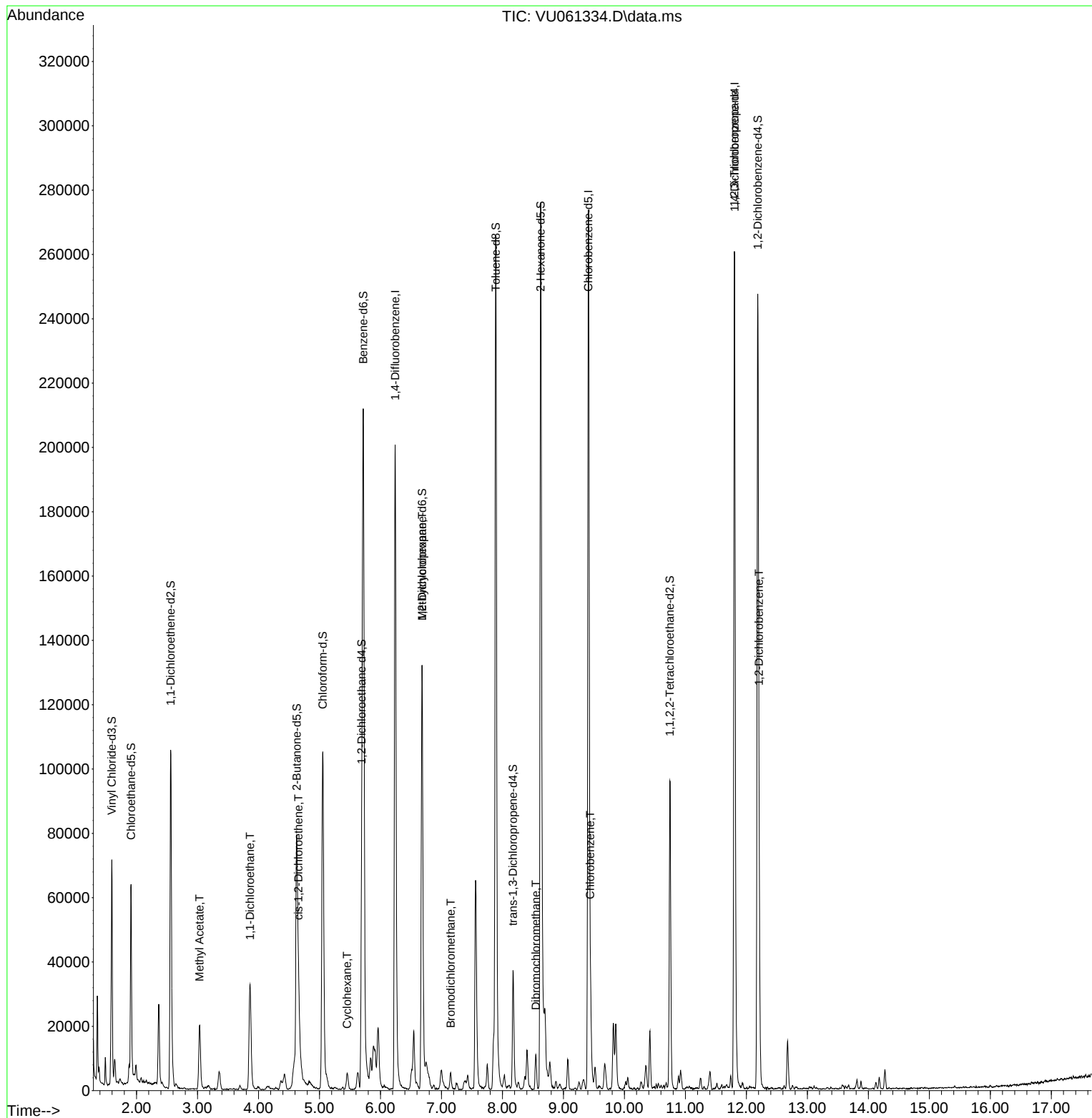
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	173231	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	157962	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	70683	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	43221	3.673	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.400%
7) Chloroethane-d5	1.911	69	44040	4.082	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.600%
11) 1,1-Dichloroethene-d2	2.560	65	20293	4.031	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.600%
20) 2-Butanone-d5	4.628	46	120793	50.558	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.120%
24) Chloroform-d	5.052	84	100434	4.496	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
26) 1,2-Dichloroethane-d4	5.692	65	53853	4.837	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.800%
32) Benzene-d6	5.718	84	208400	4.682	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
36) 1,2-Dichloropropane-d6	6.682	67	64274	4.803	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.000%
41) Toluene-d8	7.891	98	188956	4.540	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
43) trans-1,3-Dichloroprop...	8.174	79	22608	4.139	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.800%
46) 2-Hexanone-d5	8.627	63	105263	47.051	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.100%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	48504	4.793	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	61322	4.899	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.000%
Target Compounds						
					Qvalue	
15) Methyl Acetate	3.033	43	12802	3.416	ug/L #	47
19) 1,1-Dichloroethane	3.862	63	38373	1.797	ug/L	99
22) cis-1,2-Dichloroethene	4.656	96	6318	0.488	ug/L	92
30) Cyclohexane	5.454	56	3450	0.178	ug/L #	13
35) Methylcyclohexane	6.682	83	15610	0.738	ug/L #	27
38) Bromodichloromethane	7.152	83	2853	0.182	ug/L #	26
49) Dibromochloromethane	8.547	129	2441	0.242	ug/L #	12
51) Chlorobenzene	9.441	112	13360	0.398	ug/L	96
61) 1,2,3-Trichloropropane	11.804	75	10301	1.463	ug/L #	69
67) 1,2-Dichlorobenzene	12.206	146	26078	1.219	ug/L	96

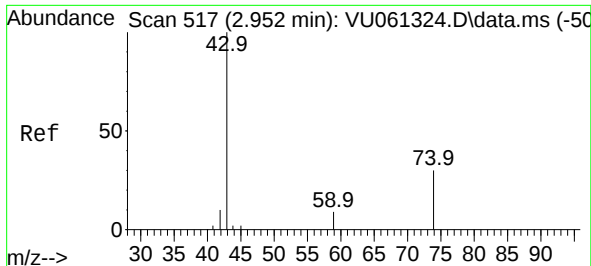
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#15

Methyl Acetate

Concen: 3.416 ug/L

RT: 3.033 min Scan# 542

Delta R.T. 0.080 min

Lab File: VU061334.D

Acq: 01 Nov 2024 01:28

Instrument :

MSVOA_U

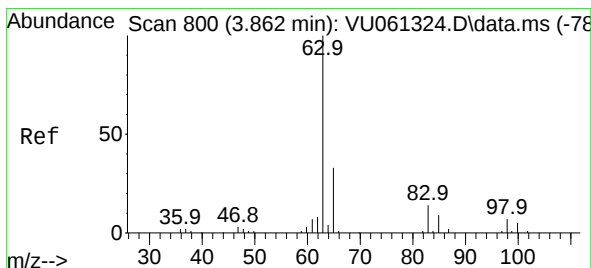
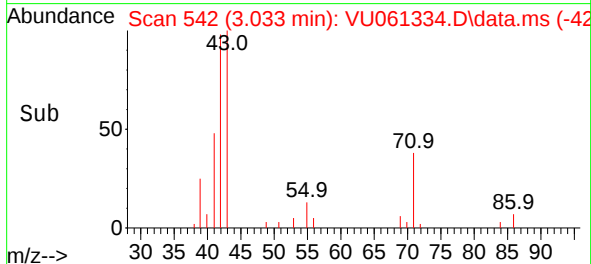
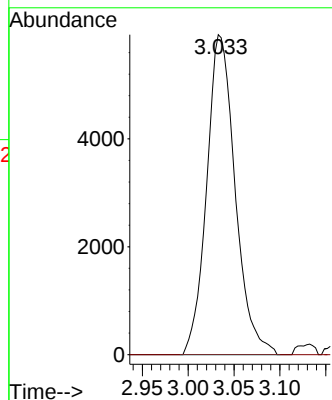
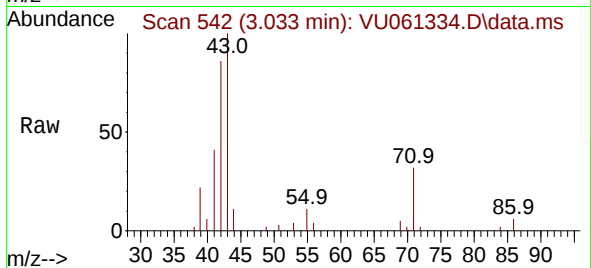
ClientSampleId :

Tgt Ion: 43 Resp: 12802

Ion Ratio Lower Upper

43 100

74 0.0 22.2 33.4#



#19

1,1-Dichloroethane

Concen: 1.797 ug/L

RT: 3.862 min Scan# 800

Delta R.T. -0.000 min

Lab File: VU061334.D

Acq: 01 Nov 2024 01:28

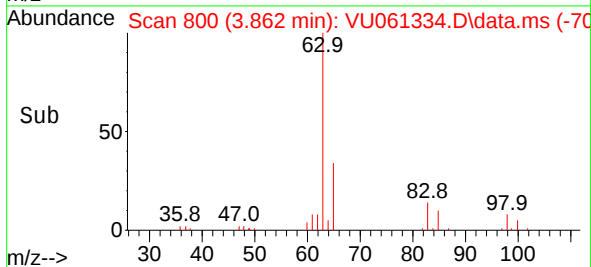
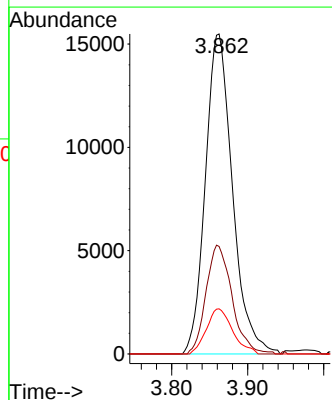
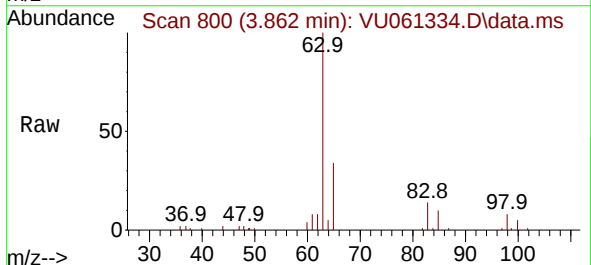
Tgt Ion: 63 Resp: 38373

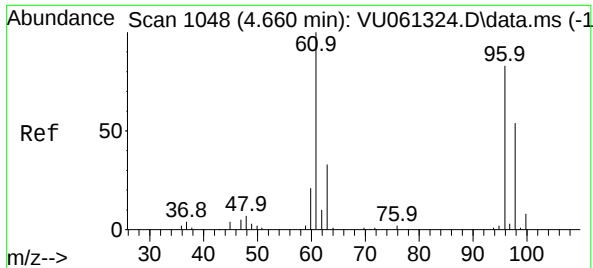
Ion Ratio Lower Upper

63 100

65 33.6 23.0 42.6

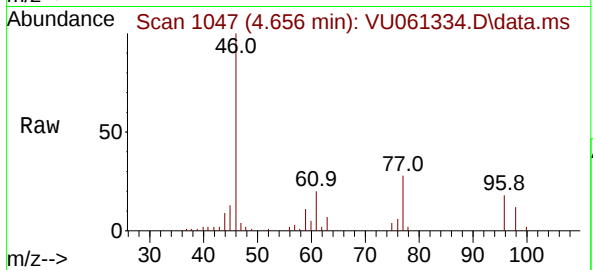
83 14.1 9.7 17.9



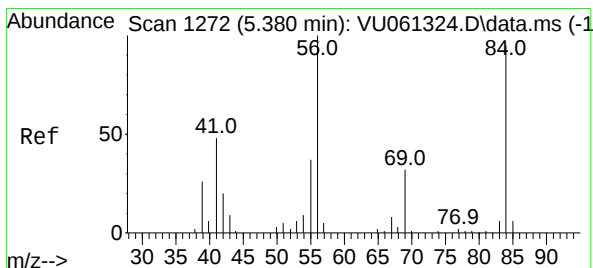
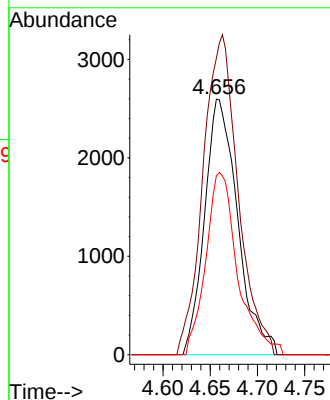
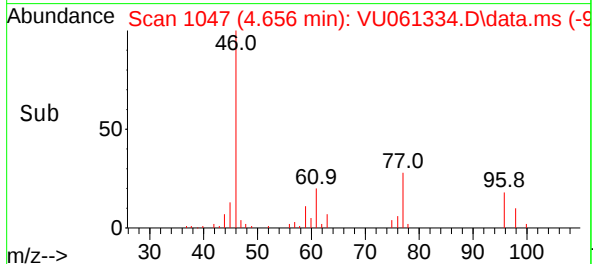


#22
 cis-1,2-Dichloroethene
 Concen: 0.488 ug/L
 RT: 4.656 min Scan# 11
 Delta R.T. -0.003 min
 Lab File: VU061334.D
 Acq: 01 Nov 2024 01:28

Instrument :
 MSVOA_U
 ClientSampleId :

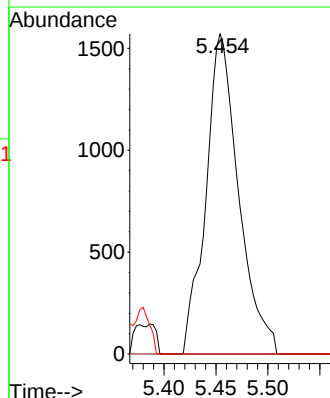
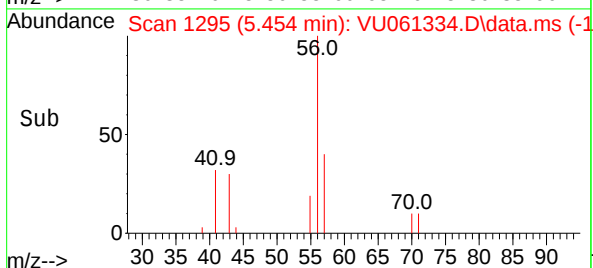
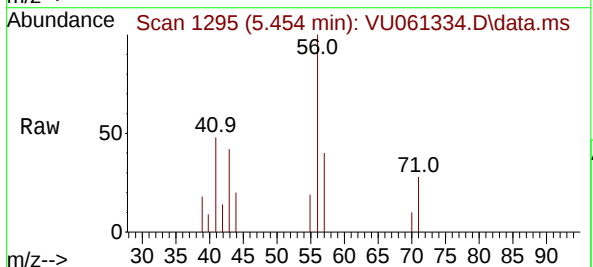


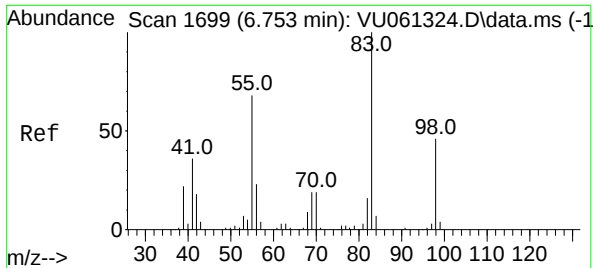
Tgt Ion: 96 Resp: 6318
 Ion Ratio Lower Upper
 96 100
 61 116.0 88.1 163.5
 98 70.0 45.0 83.6



#30
 Cyclohexane
 Concen: 0.178 ug/L
 RT: 5.454 min Scan# 1295
 Delta R.T. 0.074 min
 Lab File: VU061334.D
 Acq: 01 Nov 2024 01:28

Tgt Ion: 56 Resp: 3450
 Ion Ratio Lower Upper
 56 100
 69 0.0 25.8 38.6#
 84 0.0 73.9 110.9#

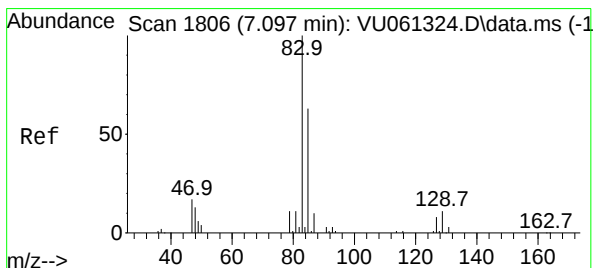
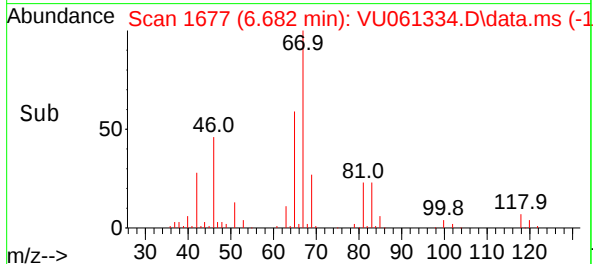
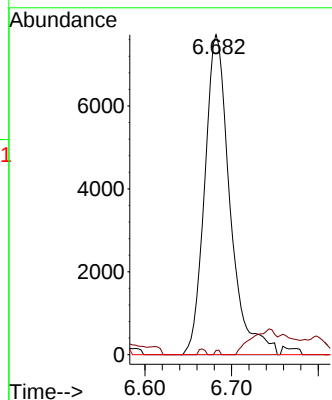
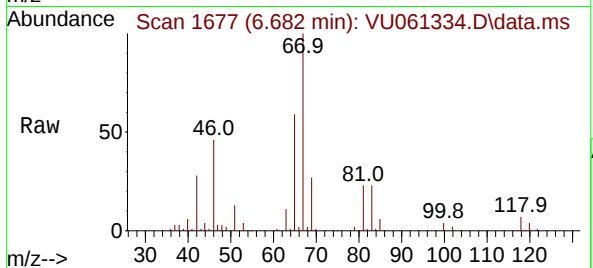




#35
Methylcyclohexane
Concen: 0.738 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.071 min
Lab File: VU061334.D
Acq: 01 Nov 2024 01:28

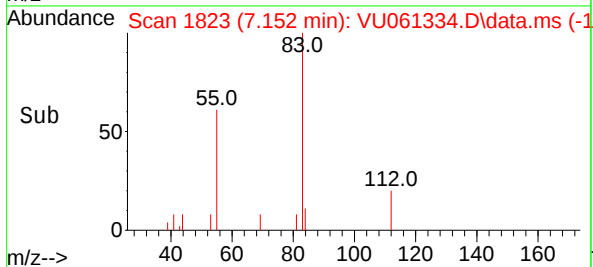
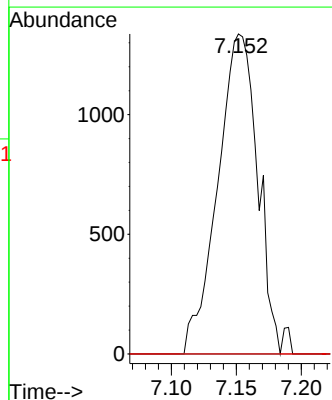
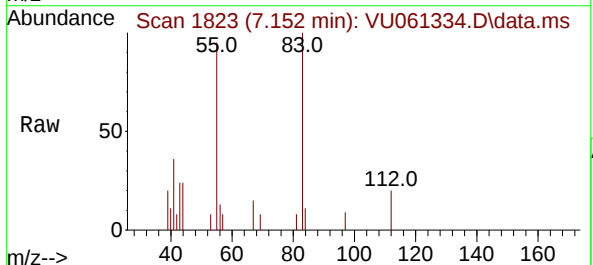
Instrument :
MSVOA_U
ClientSampleId :

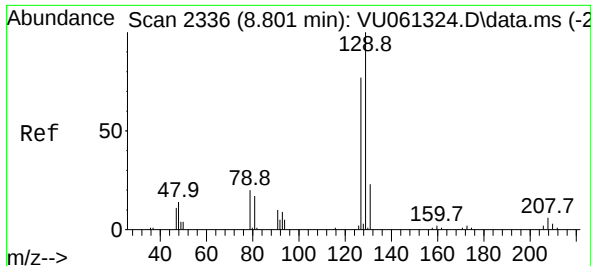
Tgt Ion: 83 Resp: 15610
Ion Ratio Lower Upper
83 100
55 7.8 55.9 83.9#
98 0.0 35.9 53.9#



#38
Bromodichloromethane
Concen: 0.182 ug/L
RT: 7.152 min Scan# 1823
Delta R.T. 0.055 min
Lab File: VU061334.D
Acq: 01 Nov 2024 01:28

Tgt Ion: 83 Resp: 2853
Ion Ratio Lower Upper
83 100
85 0.0 43.8 81.4#
127 0.0 7.4 11.0#





#49

Dibromochloromethane

Concen: 0.242 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU061334.D

Acq: 01 Nov 2024 01:28

Instrument :

MSVOA_U

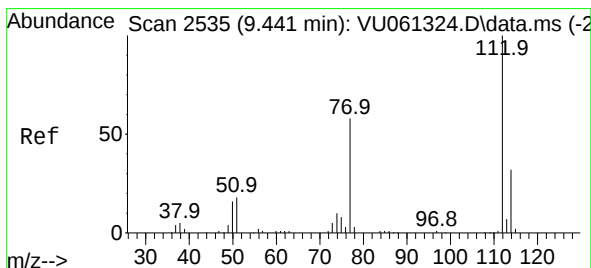
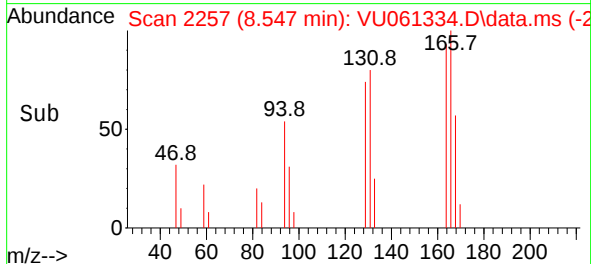
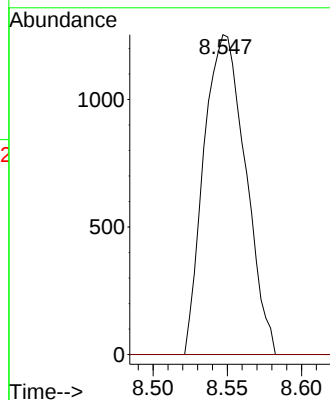
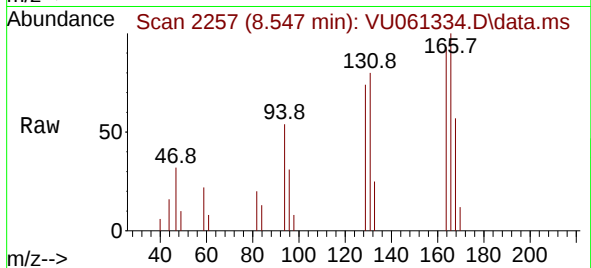
ClientSampleId :

Tgt Ion:129 Resp: 2441

Ion Ratio Lower Upper

129 100

127 0.0 51.8 96.2#



#51

Chlorobenzene

Concen: 0.398 ug/L

RT: 9.441 min Scan# 2535

Delta R.T. -0.000 min

Lab File: VU061334.D

Acq: 01 Nov 2024 01:28

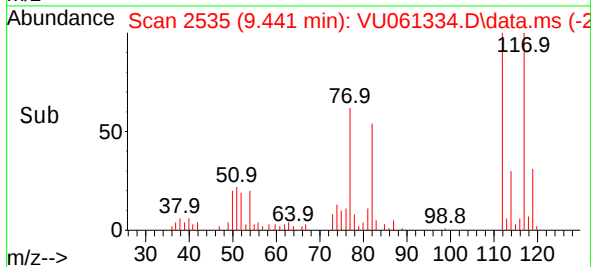
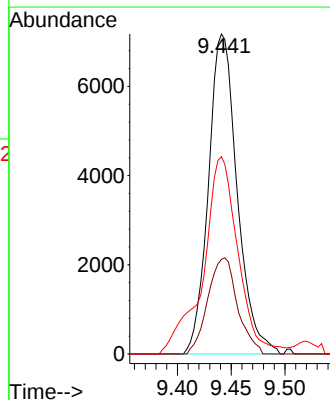
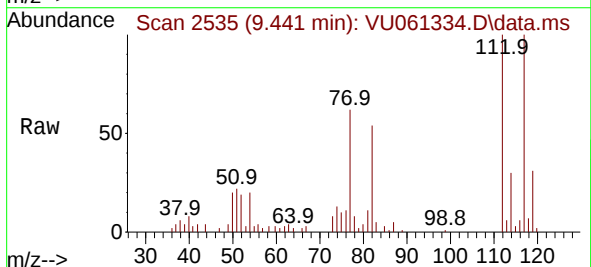
Tgt Ion:112 Resp: 13360

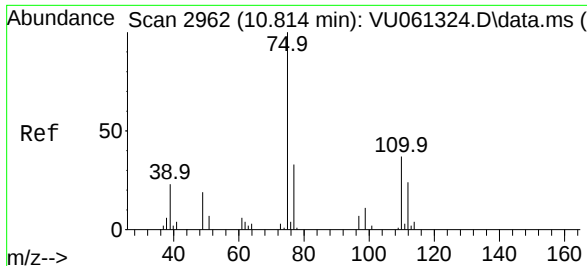
Ion Ratio Lower Upper

112 100

114 29.5 22.9 42.5

77 61.7 47.1 70.7





#61

1,2,3-Trichloropropane

Concen: 1.463 ug/L

RT: 11.804 min Scan# 31

Delta R.T. 0.990 min

Lab File: VU061334.D

Acq: 01 Nov 2024 01:28

Instrument :

MSVOA_U

ClientSampleId :

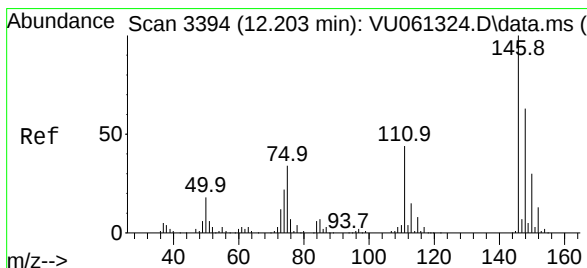
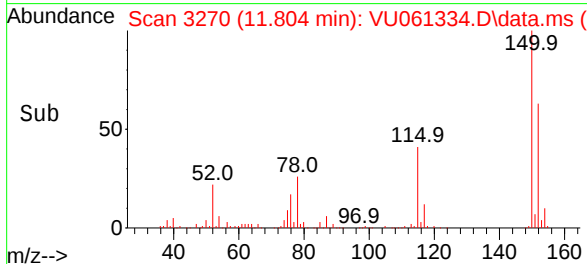
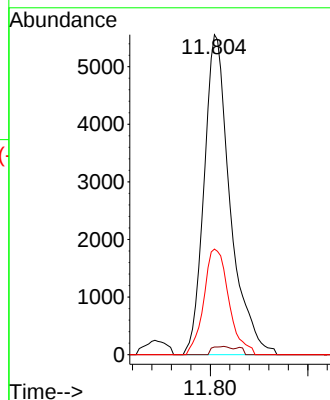
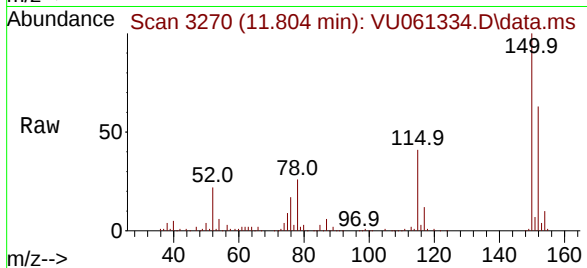
Tgt Ion: 75 Resp: 10301

Ion Ratio Lower Upper

75 100

110 1.9 28.8 43.2#

77 31.6 25.7 38.5



#67

1,2-Dichlorobenzene

Concen: 1.219 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. 0.003 min

Lab File: VU061334.D

Acq: 01 Nov 2024 01:28

Tgt Ion:146 Resp: 26078

Ion Ratio Lower Upper

146 100

111 42.5 35.2 52.8

148 67.7 51.3 76.9

