

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111824\
 Data File : VU061827.D
 Acq On : 18 Nov 2024 22:05
 Operator : MD/SY
 Sample : P4827-08DL 4X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 19 03:39:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 19 03:37:44 2024
 Response via : Initial Calibration

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

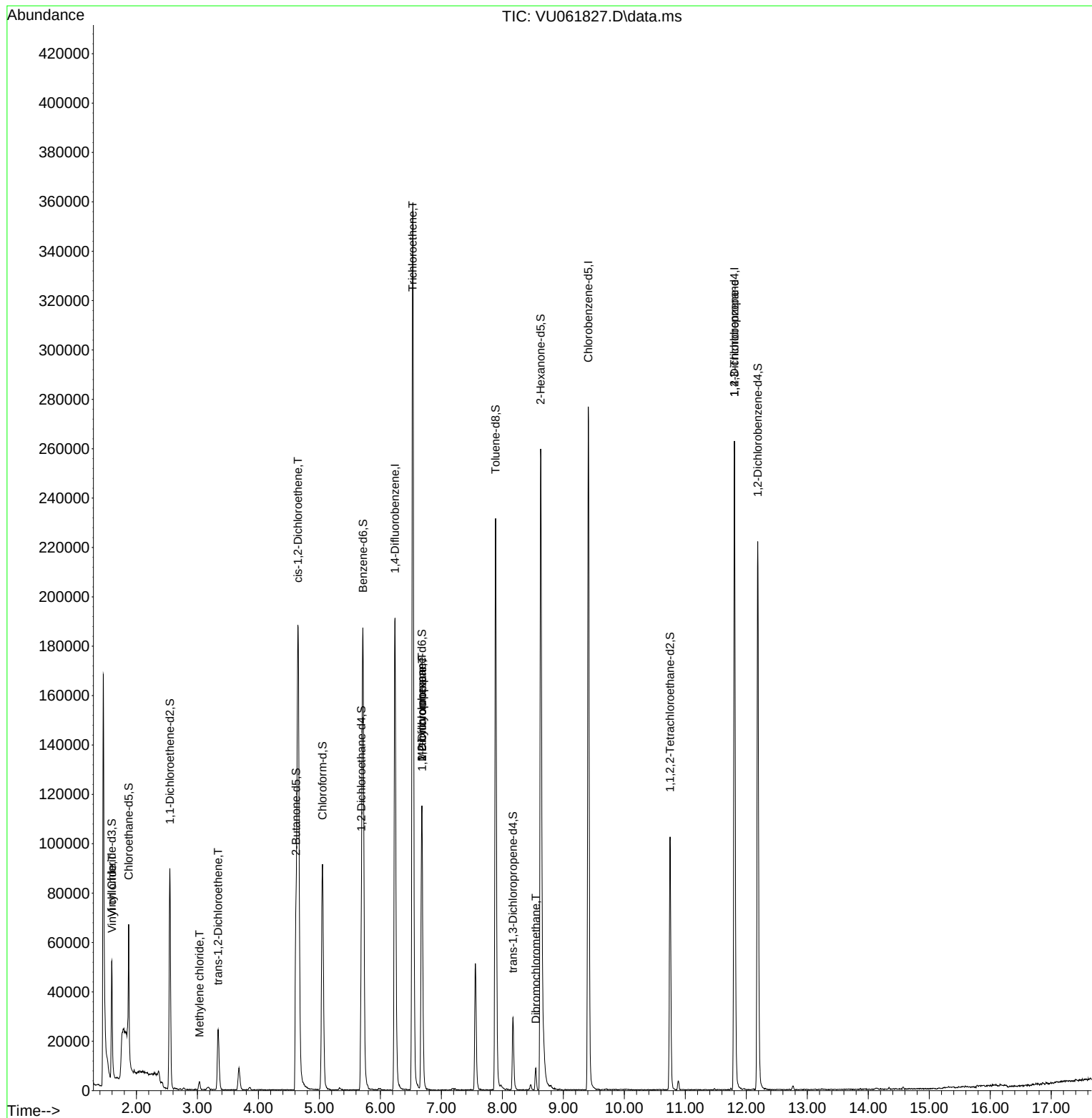
Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	165957	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	158545	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	74198	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	34006	3.171	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.400%
7) Chloroethane-d5	1.872	69	27459	3.000	ug/L	-0.03
Spiked Amount	5.000	Range	65 - 130	Recovery	=	60.000%#
11) 1,1-Dichloroethene-d2	2.547	65	16664	3.464	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.200%
20) 2-Butanone-d5	4.615	46	108081	47.489	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.980%
24) Chloroform-d	5.049	84	88141	4.135	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.800%
26) 1,2-Dichloroethane-d4	5.689	65	46268	4.524	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.400%
32) Benzene-d6	5.714	84	178809	4.077	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.600%
36) 1,2-Dichloropropane-d6	6.679	67	57050	4.410	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.200%
41) Toluene-d8	7.888	98	160663	3.930	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.600%
43) trans-1,3-Dichloroprop...	8.174	79	17658	3.706	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.200%
46) 2-Hexanone-d5	8.627	63	101833	54.082	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.160%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	52867	5.184	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	62725	4.746	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.000%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.599	62	3861	0.313	ug/L #	1
16) Methylene chloride	3.033	84	1802	0.156	ug/L	91
18) trans-1,2-Dichloroethene	3.338	96	10778	0.981	ug/L	98
22) cis-1,2-Dichloroethene	4.650	96	95662	7.719	ug/L	98
34) Trichloroethene	6.528	95	123114	9.502	ug/L	98
35) Methylcyclohexane	6.679	83	13722	0.702	ug/L #	20
37) 1,2-Dichloropropane	6.682	63	5827	0.479	ug/L #	89
49) Dibromochloromethane	8.547	129	1994	0.214	ug/L #	10
61) 1,2,3-Trichloropropane	11.804	75	9249	1.323	ug/L #	67

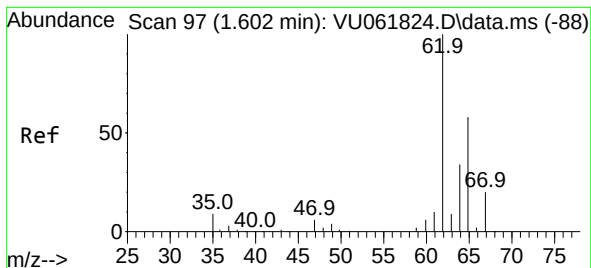
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.313 ug/L

RT: 1.599 min Scan# 9

Delta R.T. -0.003 min

Lab File: VU061827.D

Acq: 18 Nov 2024 22:05

Instrument :

MSVOA_U

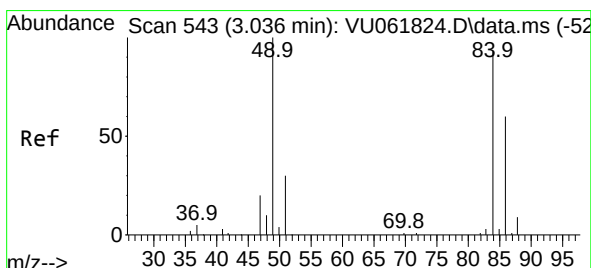
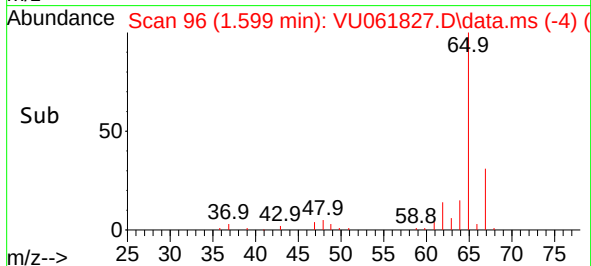
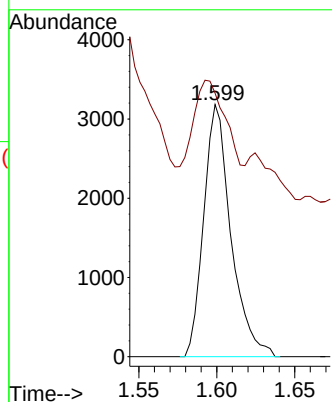
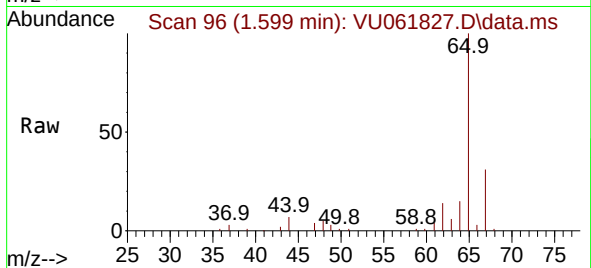
ClientSampleId :

Tgt Ion: 62 Resp: 3861

Ion Ratio Lower Upper

62 100

64 104.5 23.7 44.1#



#16

Methylene chloride

Concen: 0.156 ug/L

RT: 3.033 min Scan# 542

Delta R.T. -0.003 min

Lab File: VU061827.D

Acq: 18 Nov 2024 22:05

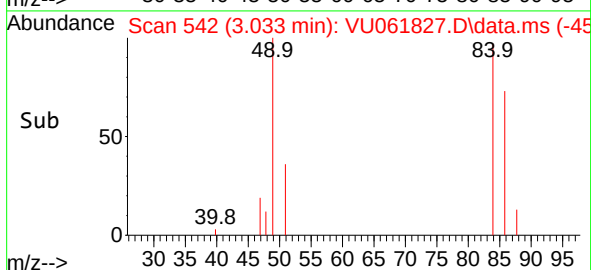
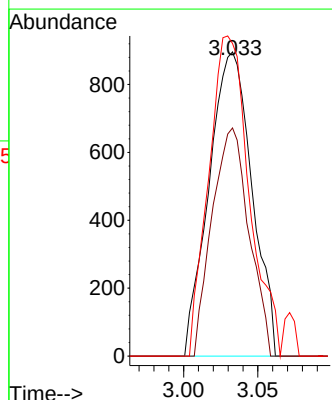
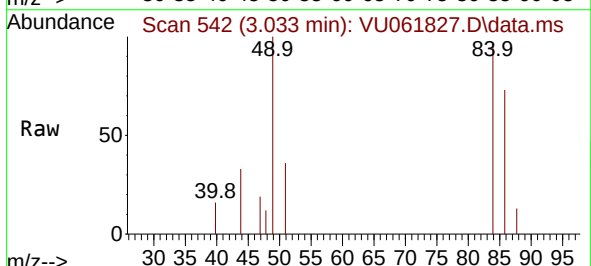
Tgt Ion: 84 Resp: 1802

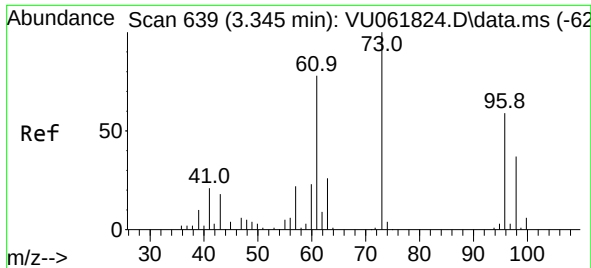
Ion Ratio Lower Upper

84 100

86 75.0 45.1 83.7

49 102.8 76.3 141.7

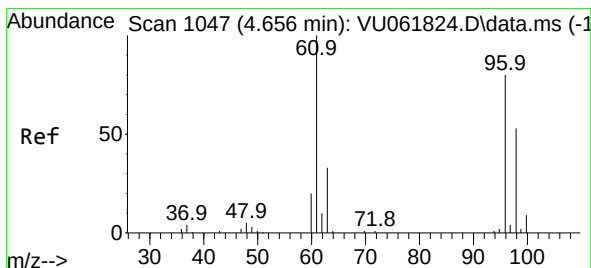
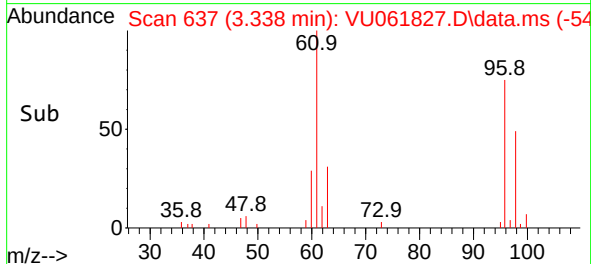
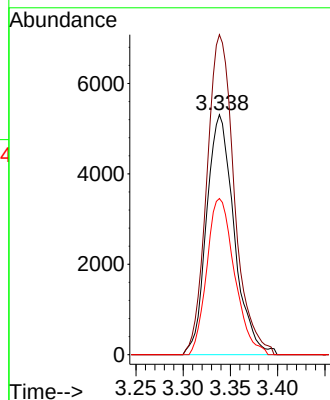
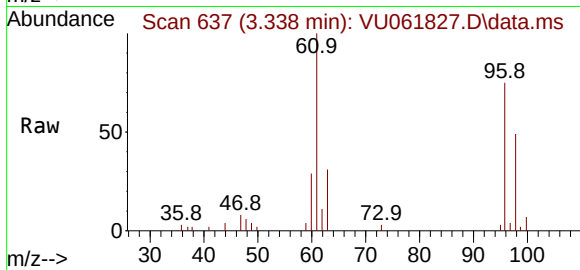




#18
 trans-1,2-Dichloroethene
 Concen: 0.981 ug/L
 RT: 3.338 min Scan# 61
 Delta R.T. -0.006 min
 Lab File: VU061827.D
 Acq: 18 Nov 2024 22:05

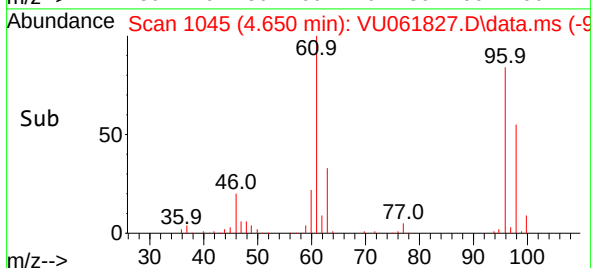
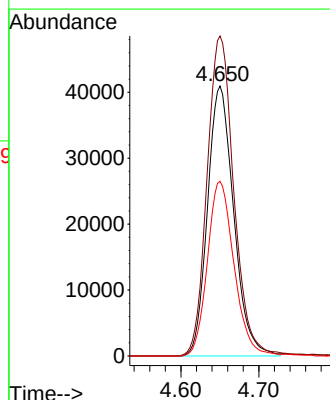
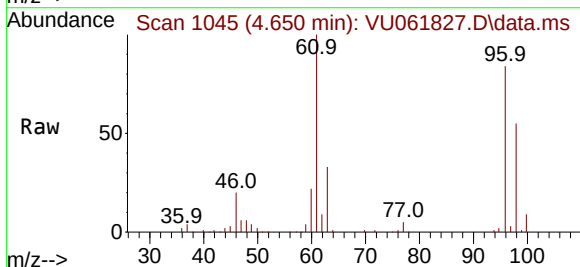
Instrument :
 MSVOA_U
 ClientSampleId :

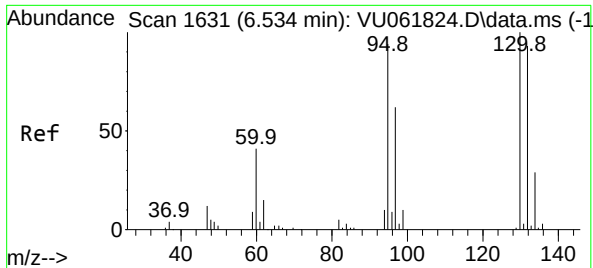
Tgt Ion: 96 Resp: 10778
 Ion Ratio Lower Upper
 96 100
 61 133.3 94.1 174.8
 98 65.1 43.2 80.2



#22
 cis-1,2-Dichloroethene
 Concen: 7.719 ug/L
 RT: 4.650 min Scan# 1045
 Delta R.T. -0.006 min
 Lab File: VU061827.D
 Acq: 18 Nov 2024 22:05

Tgt Ion: 96 Resp: 95662
 Ion Ratio Lower Upper
 96 100
 61 118.6 85.6 159.0
 98 64.7 45.6 84.8





#34

Trichloroethene

Concen: 9.502 ug/L

RT: 6.528 min Scan# 1

Delta R.T. -0.006 min

Lab File: VU061827.D

Acq: 18 Nov 2024 22:05

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 123114

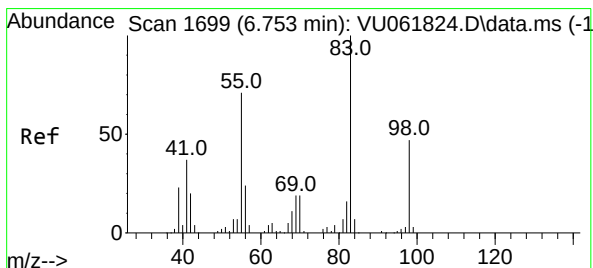
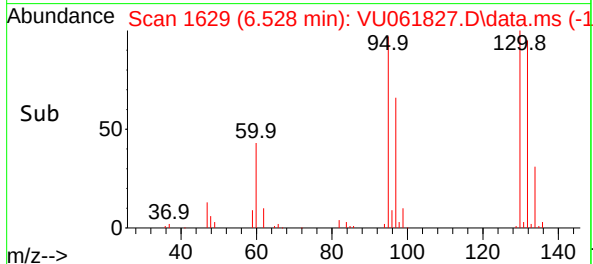
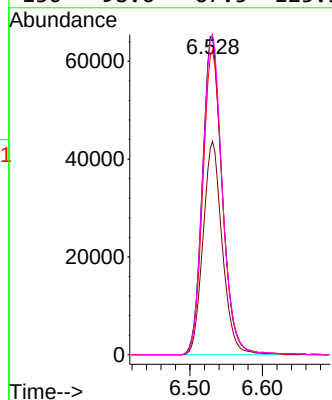
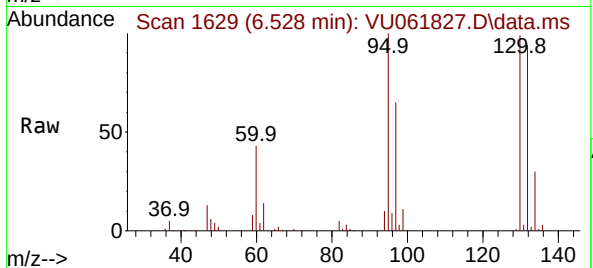
Ion Ratio Lower Upper

95 100

97 64.8 43.5 80.9

132 93.9 65.2 121.0

130 98.6 67.5 125.3



#35

Methylcyclohexane

Concen: 0.702 ug/L

RT: 6.679 min Scan# 1676

Delta R.T. -0.074 min

Lab File: VU061827.D

Acq: 18 Nov 2024 22:05

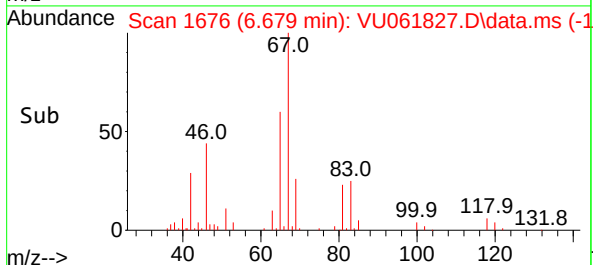
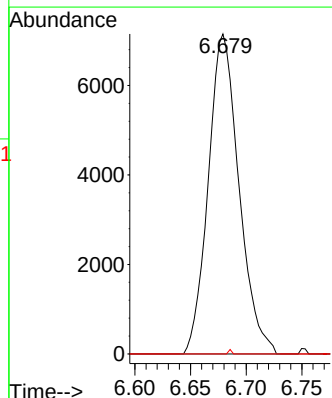
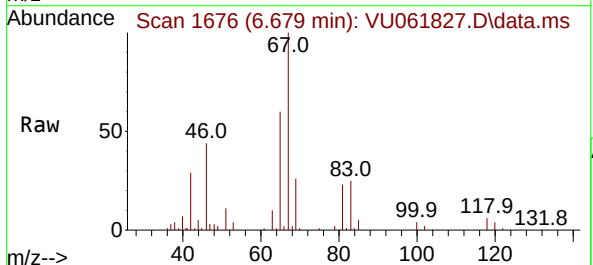
Tgt Ion: 83 Resp: 13722

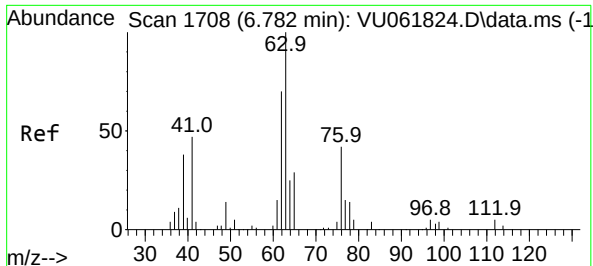
Ion Ratio Lower Upper

83 100

55 0.0 56.4 84.6#

98 0.0 37.7 56.5#

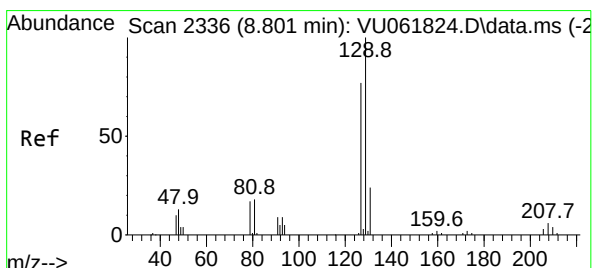
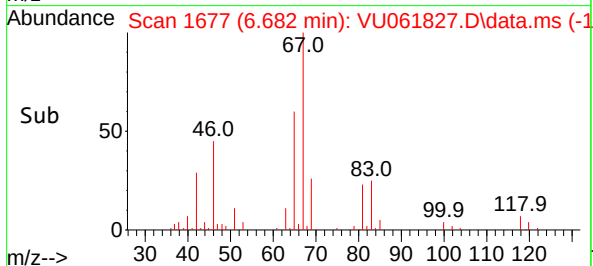
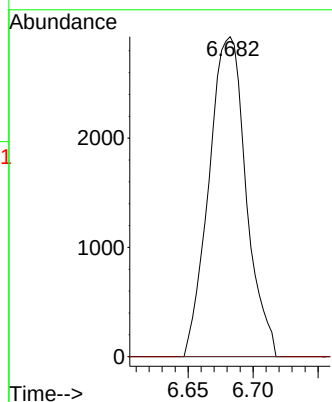
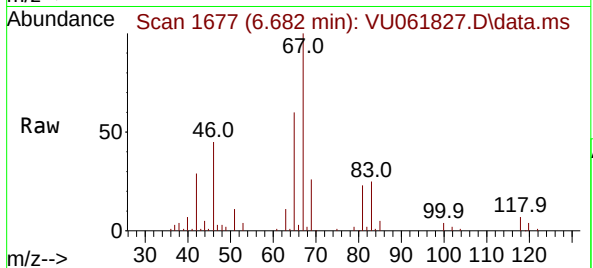




#37
1,2-Dichloropropane
Concen: 0.479 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.099 min
Lab File: VU061827.D
Acq: 18 Nov 2024 22:05

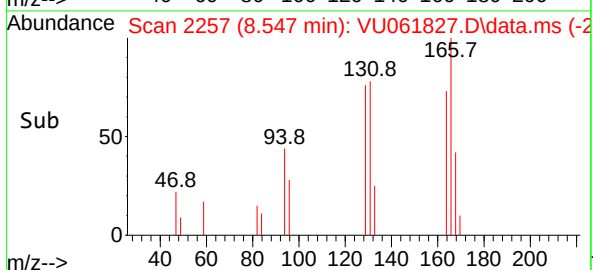
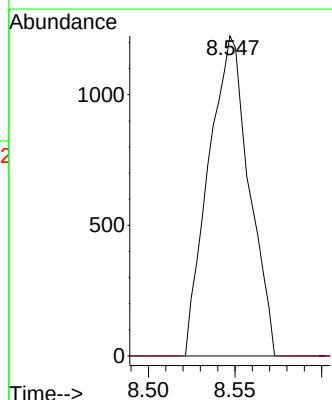
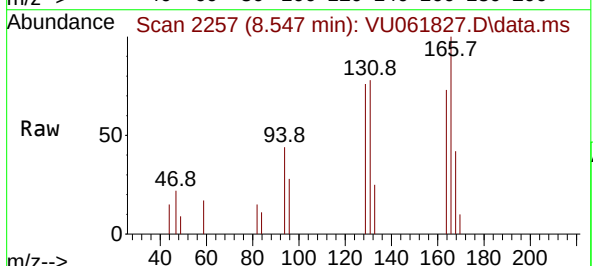
Instrument :
MSVOA_U
ClientSampleId :

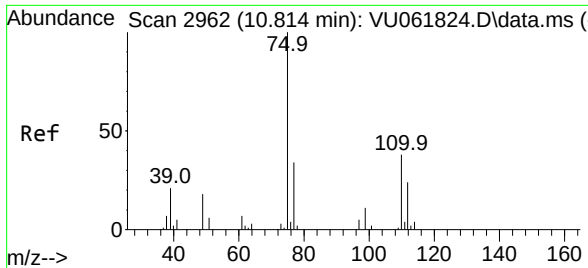
Tgt Ion: 63 Resp: 5827
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#



#49
Dibromochloromethane
Concen: 0.214 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.254 min
Lab File: VU061827.D
Acq: 18 Nov 2024 22:05

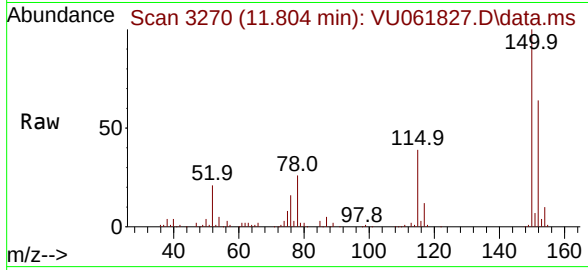
Tgt Ion: 129 Resp: 1994
Ion Ratio Lower Upper
129 100
127 0.0 55.1 102.3#





#61
1,2,3-Trichloropropane
Concen: 1.323 ug/L
RT: 11.804 min Scan# 31
Delta R.T. 0.991 min
Lab File: VU061827.D
Acq: 18 Nov 2024 22:05

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	75	Resp:	9249
Ion	Ratio	Lower	Upper
75	100		
110	2.1	31.3	46.9#
77	32.3	26.0	39.0

