

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072022\
 Data File : VU049809.D
 Acq On : 20 Jul 2022 17:37
 Operator : SY/MD
 Sample : N3743-13ME
 Misc : 6.17g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F5D11ME

Quant Time: Jul 21 04:25:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM071122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 21 04:19:56 2022
 Response via : Initial Calibration

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

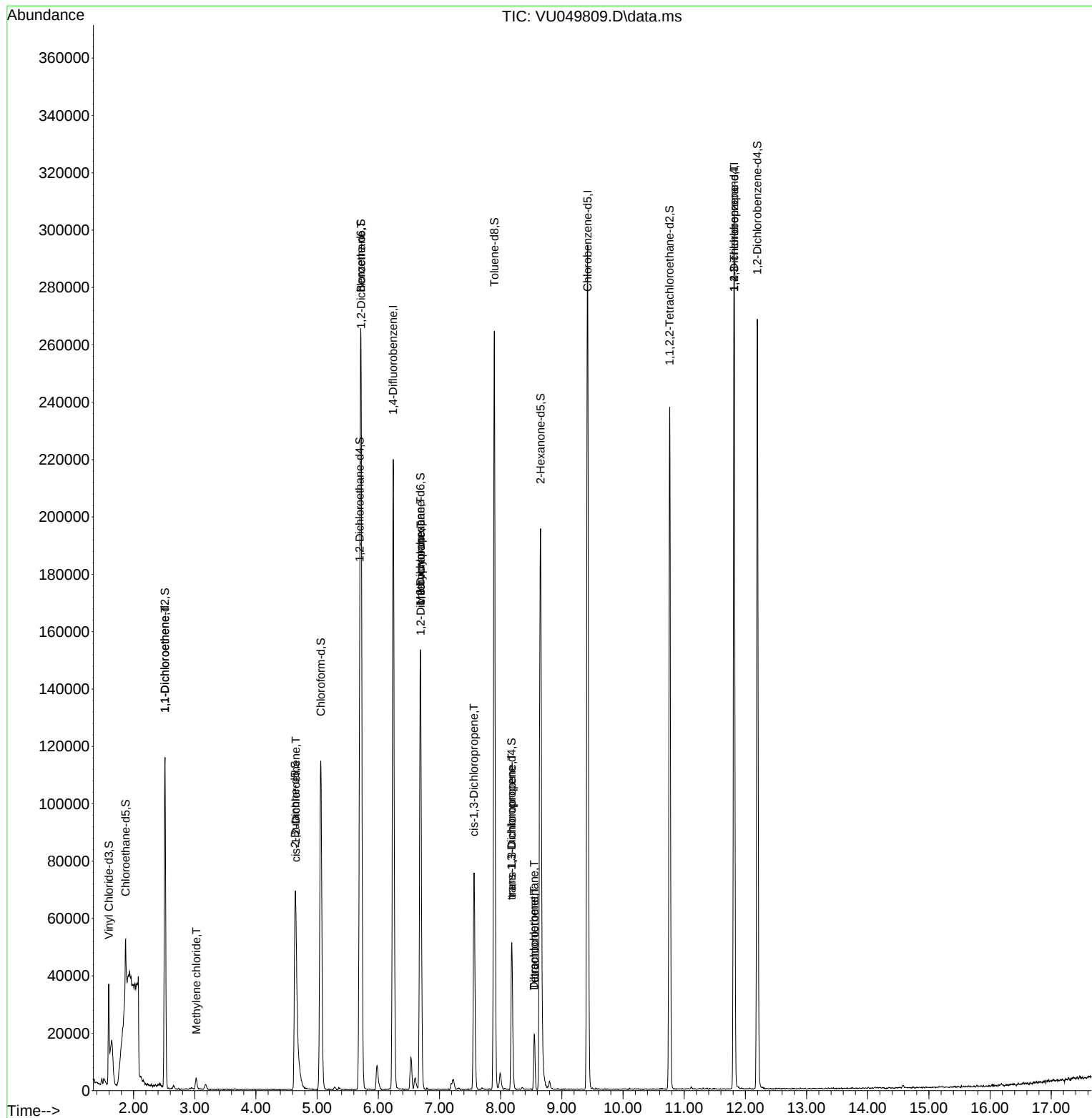
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	173976	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	166549	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	75372	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	29388	20.020	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	40.040%#
7) Chloroethane-d5	1.867	69	20042	18.889	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	37.780%#
11) 1,1-Dichloroethene-d2	2.514	63	71140	27.437	ug/L	-0.05
Spiked Amount	50.000	Range	60 - 125	Recovery	=	54.880%#
21) 2-Butanone-d5	4.642	46	130011	103.751	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.750%
24) Chloroform-d	5.060	84	111494	42.884	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.760%
26) 1,2-Dichloroethane-d4	5.697	65	83551	47.482	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.960%
32) Benzene-d6	5.716	84	208109	41.131	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.260%
36) 1,2-Dichloropropane-d6	6.687	67	76922	45.199	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.400%
41) Toluene-d8	7.896	98	171630	38.952	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.900%#
43) trans-1,3-Dichloroprop...	8.179	79	30707	42.825	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.640%
47) 2-Hexanone-d5	8.652	63	80166	104.717	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.720%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	118802	49.890	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.780%
66) 1,2-Dichlorobenzene-d4	12.195	152	66257	46.624	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.240%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.514	96	607	0.488	ug/L #	1
16) Methylene chloride	3.025	84	1769	1.129	ug/L	93
20) cis-1,2-Dichloroethene	4.652	96	1133	0.741	ug/L	82
27) 1,2-Dichloroethane	5.719	62	1104	0.456	ug/L #	76
35) Methylcyclohexane	6.687	83	16733	7.037	ug/L #	18
37) 1,2-Dichloropropane	6.694	63	8559	4.933	ug/L #	89
39) cis-1,3-Dichloropropene	7.562	75	2159	0.923	ug/L #	70
44) trans-1,3-Dichloropropene	8.182	75	1642	0.747	ug/L #	64
46) Tetrachloroethene	8.549	164	4057	3.865	ug/L	98
49) Dibromochloromethane	8.549	129	4042	2.653	ug/L #	9
60) 1,2,3-Trichloropropane	11.816	75	10133	5.047	ug/L #	67

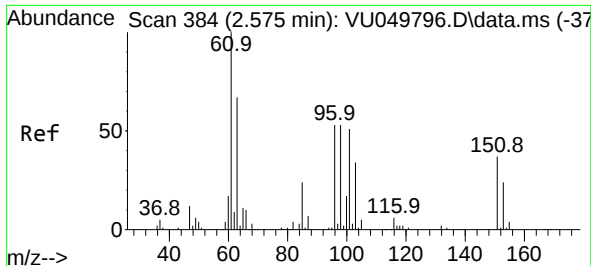
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.488 ug/L

RT: 2.514 min Scan# 3

Delta R.T. -0.061 min

Lab File: VU049809.D

Acq: 20 Jul 2022 17:37

Instrument :

MSVOA_U

ClientSampleId :

F5D11ME

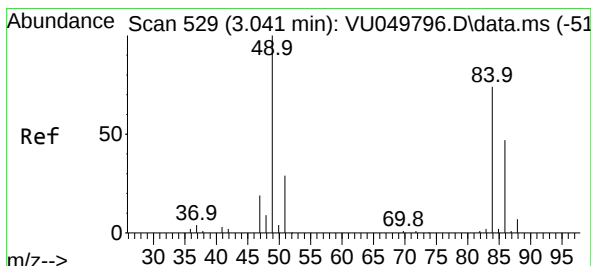
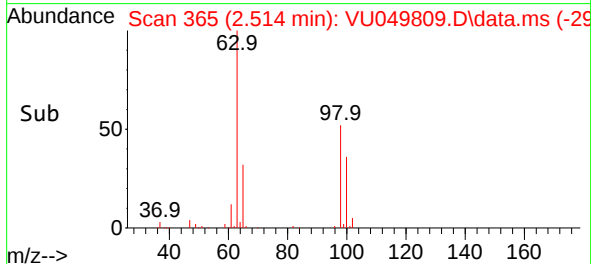
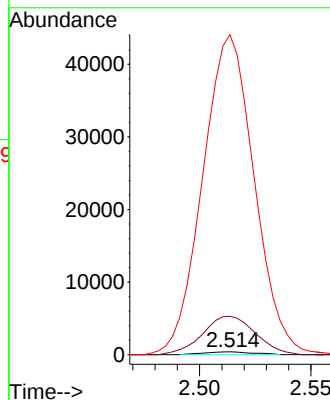
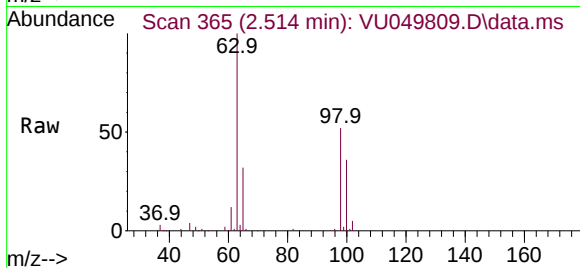
Tgt Ion: 96 Resp: 607

Ion Ratio Lower Upper

96 100

61 1311.4 129.6 240.6#

63 10940.0 79.0 146.6#



#16

Methylene chloride

Concen: 1.129 ug/L

RT: 3.025 min Scan# 524

Delta R.T. -0.016 min

Lab File: VU049809.D

Acq: 20 Jul 2022 17:37

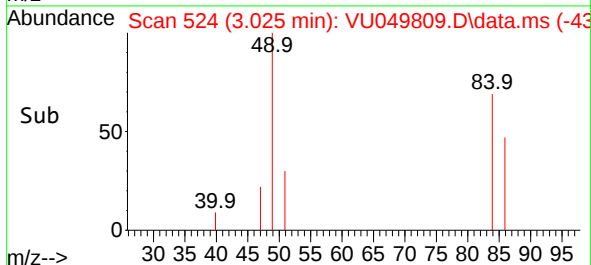
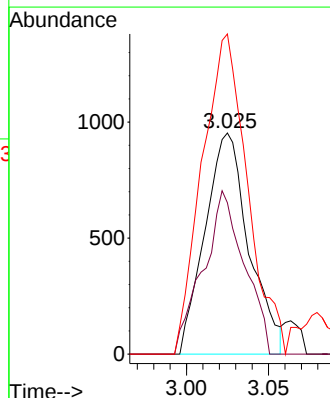
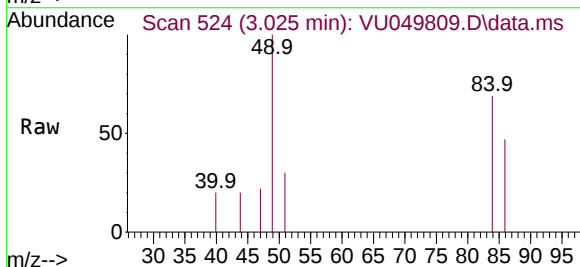
Tgt Ion: 84 Resp: 1769

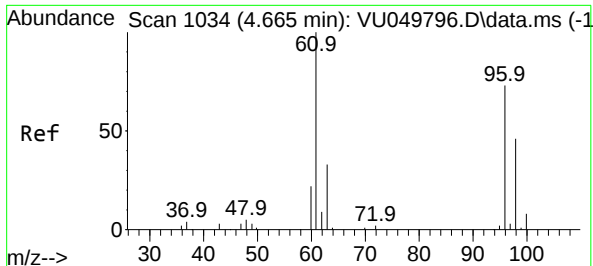
Ion Ratio Lower Upper

84 100

86 68.4 45.6 84.6

49 144.8 94.4 175.4





#20

cis-1,2-Dichloroethene

Concen: 0.741 ug/L

RT: 4.652 min Scan# 1

Delta R.T. -0.013 min

Lab File: VU049809.D

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Instrument :

MSVOA_U

ClientSampleId :

F5D11ME

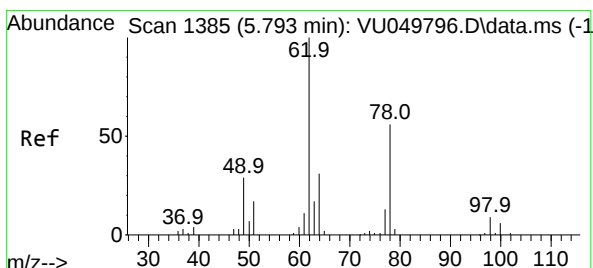
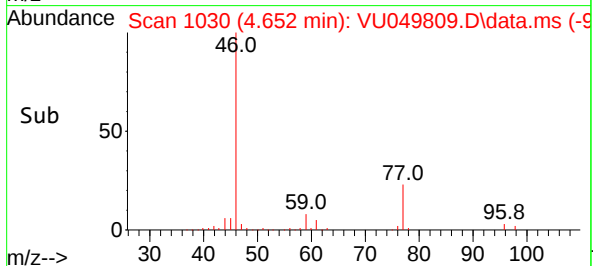
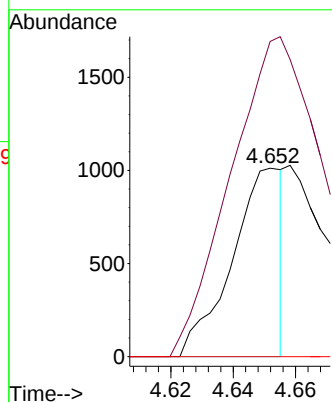
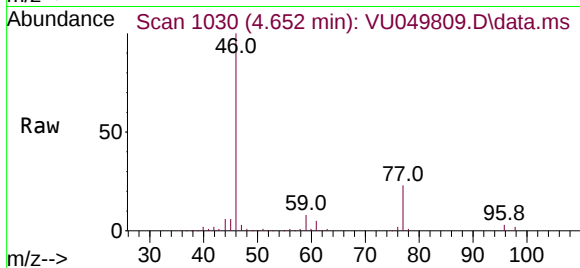
Tgt Ion: 96 Resp: 1133

Ion Ratio Lower Upper

96 100

61 167.2 101.1 187.7

68 0.0 0.0 0.0



#27

1,2-Dichloroethane

Concen: 0.456 ug/L

RT: 5.719 min Scan# 1362

Delta R.T. -0.074 min

Lab File: VU049809.D

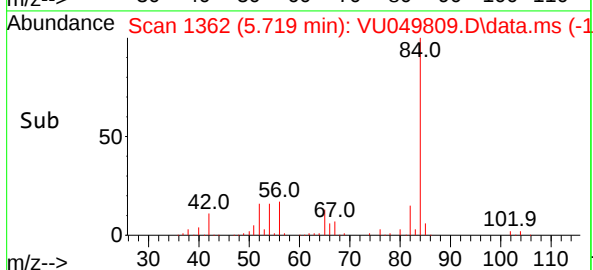
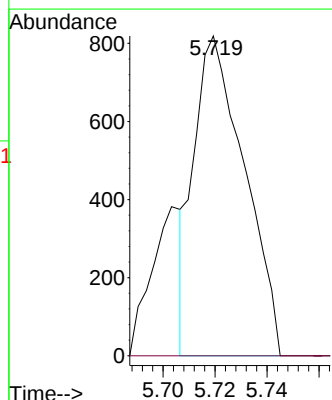
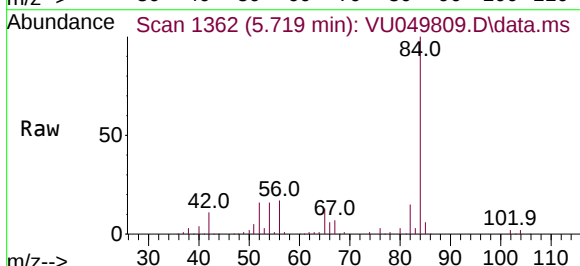
Acq: 20 Jul 2022 17:37

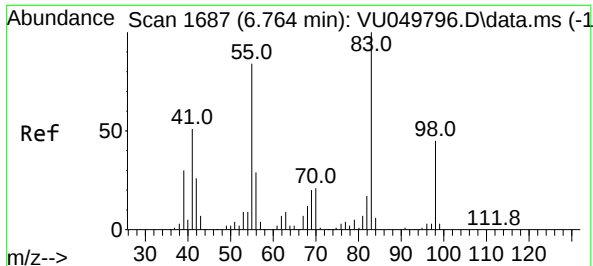
Tgt Ion: 62 Resp: 1104

Ion Ratio Lower Upper

62 100

98 0.0 6.7 10.1#





#35

Methylcyclohexane

Concen: 7.037 ug/L

RT: 6.687 min Scan# 1

Delta R.T. -0.077 min

Lab File: VU049809.D

Acq: 20 Jul 2022 17:37

Instrument :

MSVOA_U

ClientSampleId :

F5D11ME

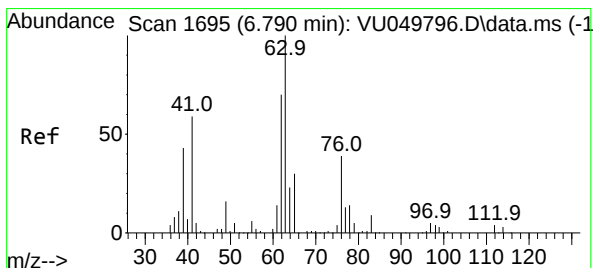
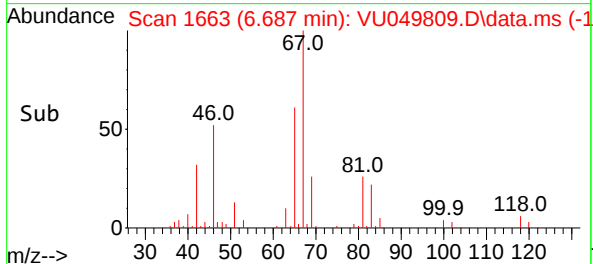
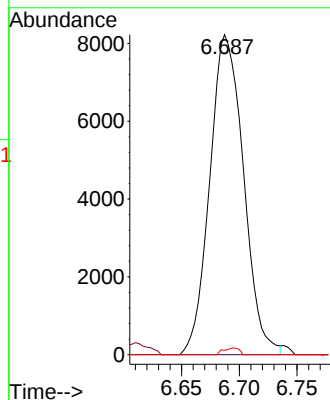
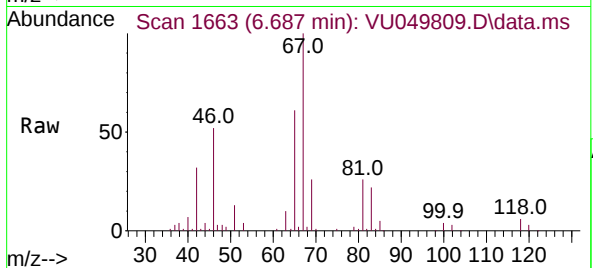
Tgt Ion: 83 Resp: 16733

Ion Ratio Lower Upper

83 100

55 2.0 66.0 99.0#

98 0.3 34.6 51.8#



#37

1,2-Dichloropropane

Concen: 4.933 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.096 min

Lab File: VU049809.D

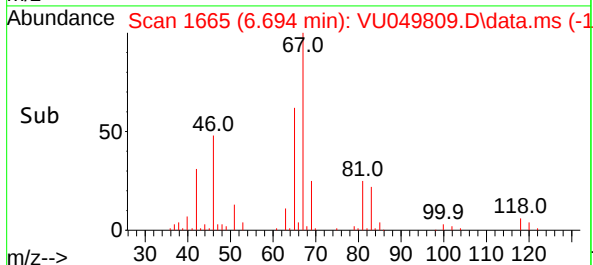
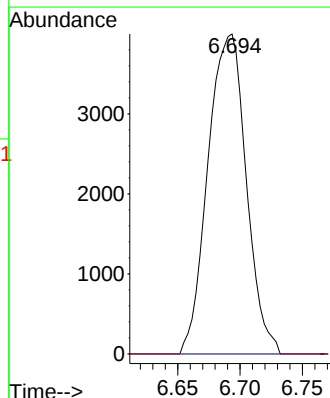
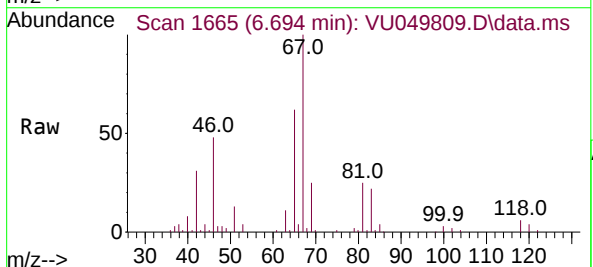
Acq: 20 Jul 2022 17:37

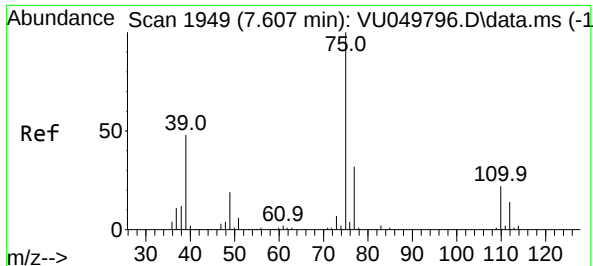
Tgt Ion: 63 Resp: 8559

Ion Ratio Lower Upper

63 100

112 0.0 2.8 4.2#





#39

cis-1,3-Dichloropropene

Concen: 0.923 ug/L

RT: 7.562 min Scan# 11

Delta R.T. -0.045 min

Lab File: VU049809.D

Acq: 20 Jul 2022 17:37

Instrument :

MSVOA_U

ClientSampleId :

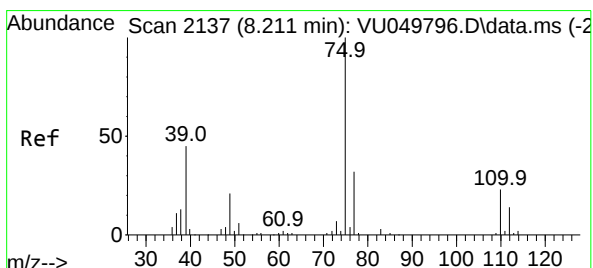
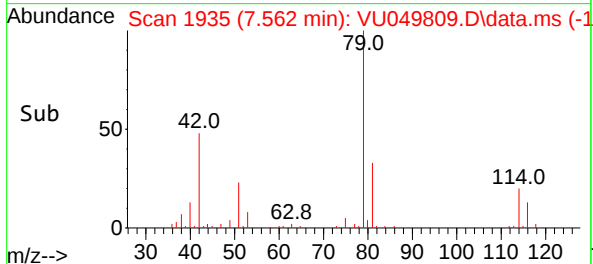
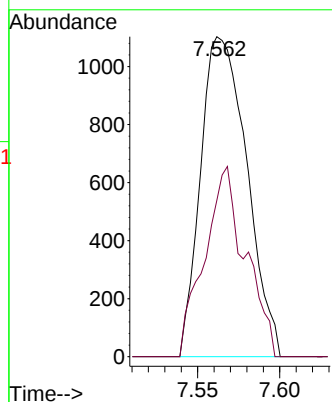
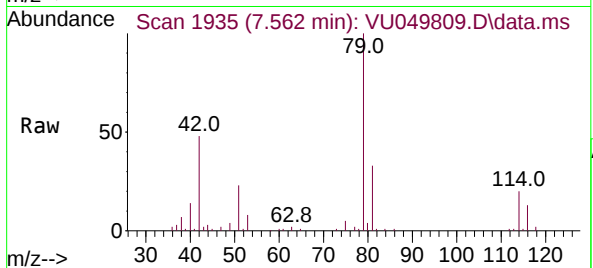
F5D11ME

Tgt Ion: 75 Resp: 2159

Ion Ratio Lower Upper

75 100

77 48.9 22.6 42.0#



#44

trans-1,3-Dichloropropene

Concen: 0.747 ug/L

RT: 8.182 min Scan# 2128

Delta R.T. -0.029 min

Lab File: VU049809.D

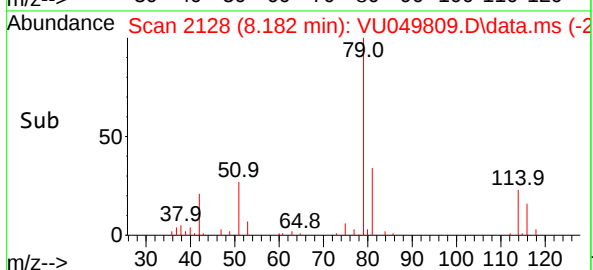
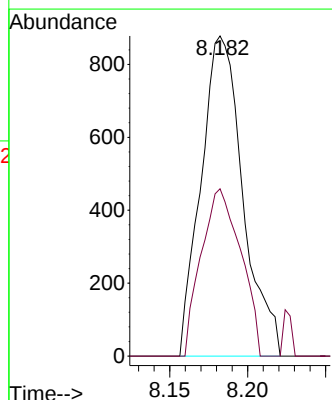
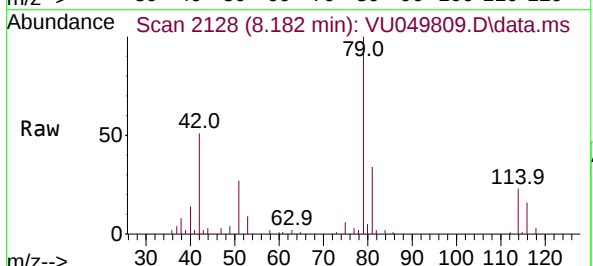
Acq: 20 Jul 2022 17:37

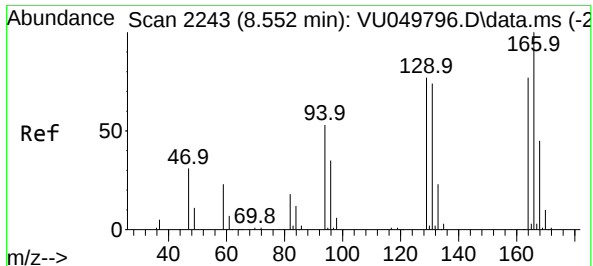
Tgt Ion: 75 Resp: 1642

Ion Ratio Lower Upper

75 100

77 52.3 22.5 41.9#

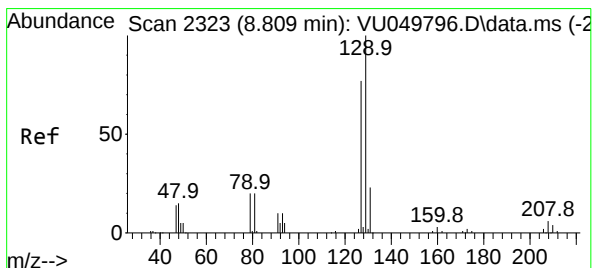
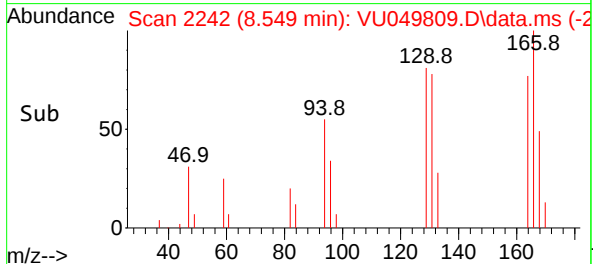
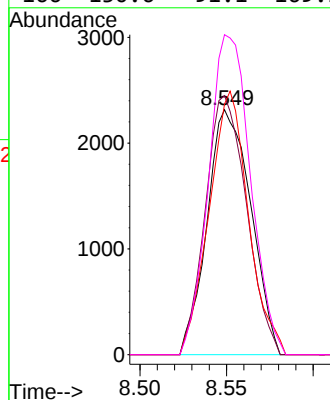
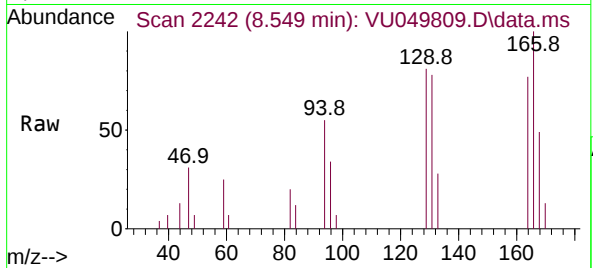




#46
Tetrachloroethene
Concen: 3.865 ug/L
RT: 8.549 min Scan# 211
Delta R.T. -0.003 min
Lab File: VU049809.D
Acq: 20 Jul 2022 17:37

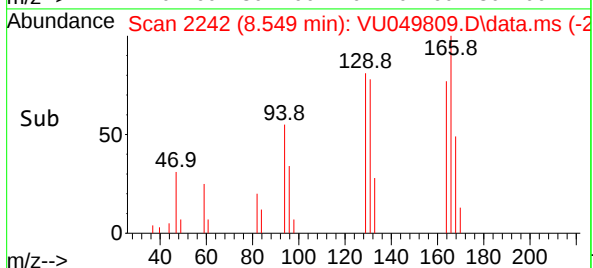
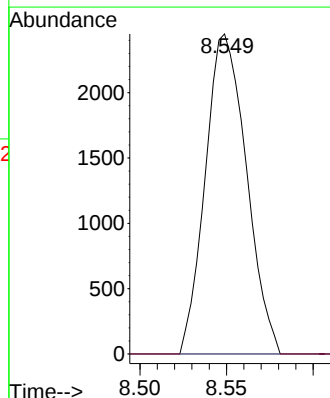
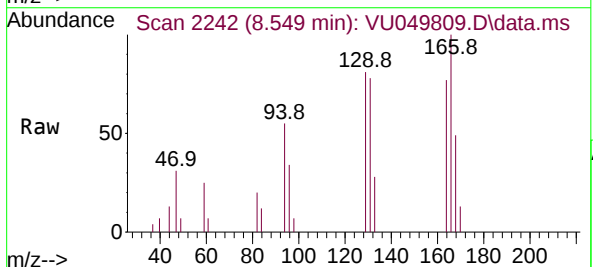
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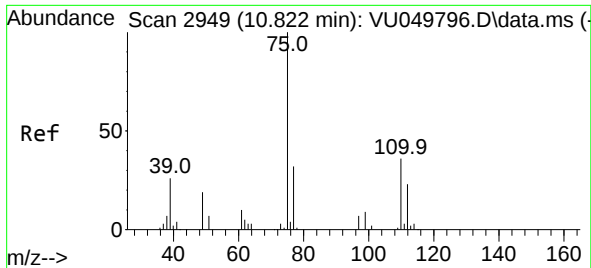
Tgt Ion:164	Resp:	4057	
Ion	Ratio	Lower	Upper
164	100		
129	105.7	72.0	133.8
131	102.2	69.0	128.1
166	130.6	91.1	169.3



#49
Dibromochloromethane
Concen: 2.653 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. -0.260 min
Lab File: VU049809.D
Acq: 20 Jul 2022 17:37

Tgt Ion:129	Resp:	4042	
Ion	Ratio	Lower	Upper
129	100		
127	0.0	56.9	105.7#





#60
 1,2,3-Trichloropropane
 Concen: 5.047 ug/L
 RT: 11.816 min Scan# 31
 Delta R.T. 0.994 min
 Lab File: VU049809.D
 Acq: 20 Jul 2022 17:37

Instrument :
 MSVOA_U
 ClientSampleId :
 F5D11ME

Tgt Ion: 75 Resp: 10133
 Ion Ratio Lower Upper
 75 100
 77 34.6 25.5 38.3
 110 1.7 28.9 43.3#

