

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU083122\
 Data File : VU050560.D
 Acq On : 31 Aug 2022 19:42
 Operator : SY/MD
 Sample : N4363-06ME
 Misc : 6.81g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBVW1ME

Quant Time: Sep 01 05:19:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM083022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 01 05:15:29 2022
 Response via : Initial Calibration

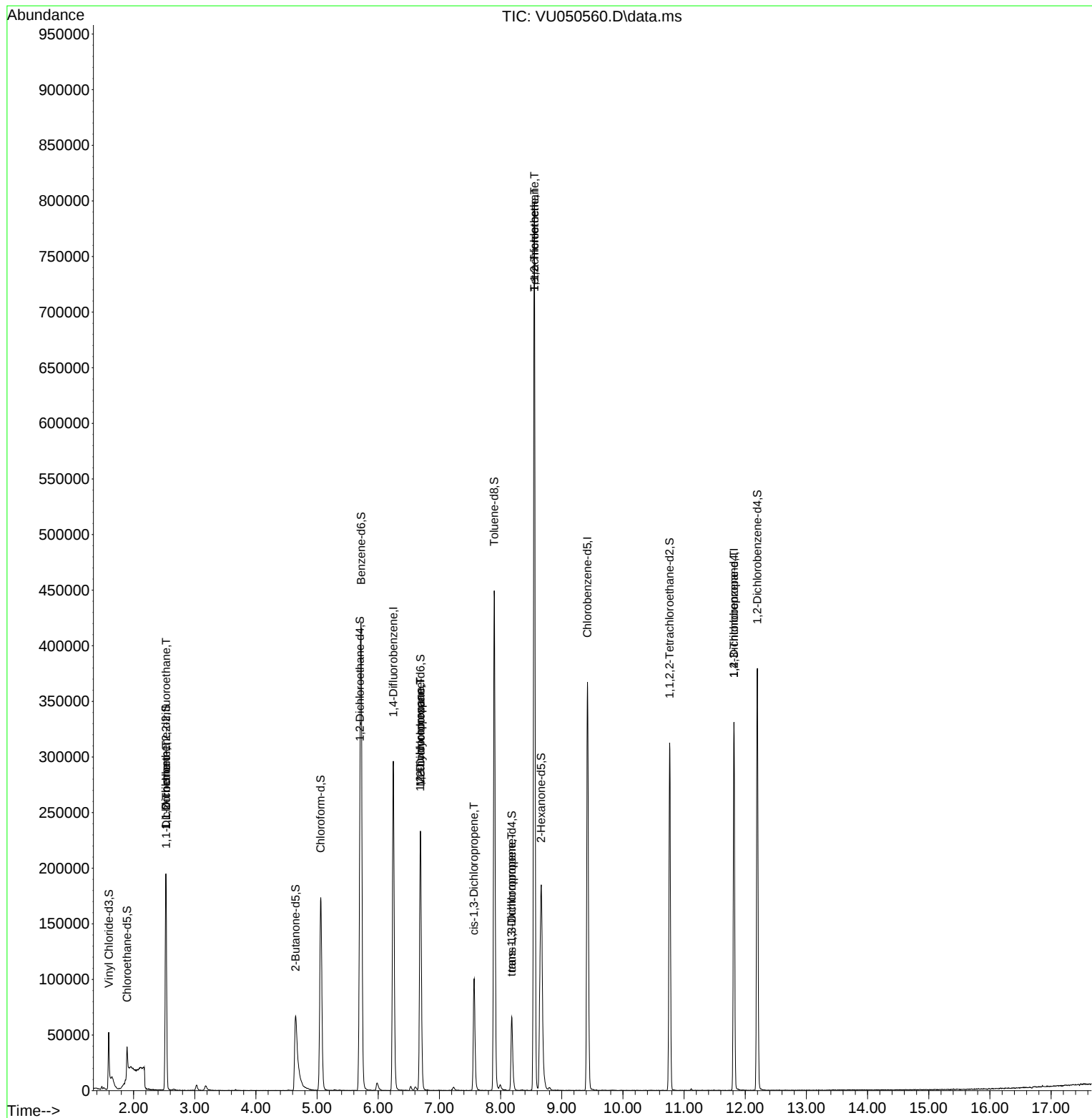
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	256484	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	240484	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	88724	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	47736	24.267	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	48.540%#	
7) Chloroethane-d5	1.893	69	24719	16.117	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	32.240%#	
11) 1,1-Dichloroethene-d2	2.526	63	118828	35.777	ug/L	-0.03
Spiked Amount	50.000	Range 60 - 125	Recovery	=	71.560%	
21) 2-Butanone-d5	4.649	46	145675	84.675	ug/L	0.02
Spiked Amount	100.000	Range 40 - 130	Recovery	=	84.670%	
24) Chloroform-d	5.060	84	179161	46.807	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	93.620%	
26) 1,2-Dichloroethane-d4	5.700	65	119880	48.216	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	96.440%	
32) Benzene-d6	5.719	84	370085	49.652	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	99.300%	
36) 1,2-Dichloropropane-d6	6.690	67	122113	49.204	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	98.400%	
41) Toluene-d8	7.896	98	318049	49.048	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	98.100%	
43) trans-1,3-Dichloroprop...	8.182	79	45599	45.685	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	91.380%	
47) 2-Hexanone-d5	8.661	63	89634	99.750	ug/L	0.03
Spiked Amount	100.000	Range 45 - 130	Recovery	=	99.750%	
56) 1,1,2,2-Tetrachloroeth...	10.764	84	163291	42.183	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	84.360%	
66) 1,2-Dichlorobenzene-d4	12.198	152	101396	52.784	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	105.560%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.530	101	1167	0.690	ug/L #	20
12) 1,1-Dichloroethene	2.533	96	891	0.504	ug/L #	1
35) Methylcyclohexane	6.690	83	28787	10.680	ug/L #	19
37) 1,2-Dichloropropane	6.687	63	12830	5.364	ug/L #	89
39) cis-1,3-Dichloropropene	7.565	75	2665	0.846	ug/L #	64
44) trans-1,3-Dichloropropene	8.179	75	1884	0.656	ug/L	94
45) 1,1,2-Trichloroethane	8.552	97	1488	0.641	ug/L #	1
46) Tetrachloroethene	8.552	164	175870	125.411	ug/L	94
60) 1,2,3-Trichloropropane	11.815	75	10059	3.777	ug/L #	69

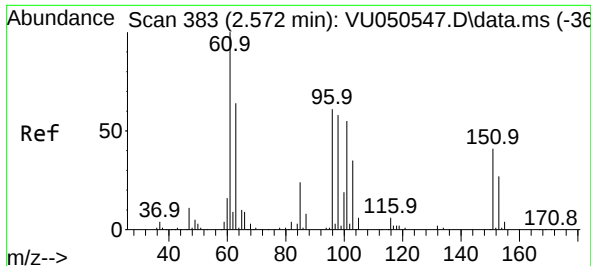
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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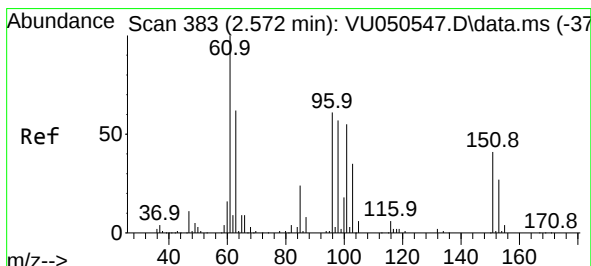
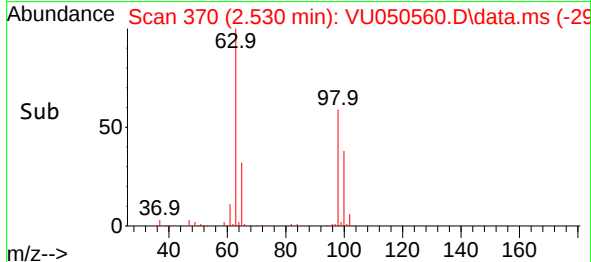
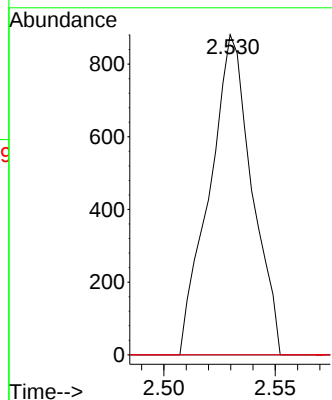
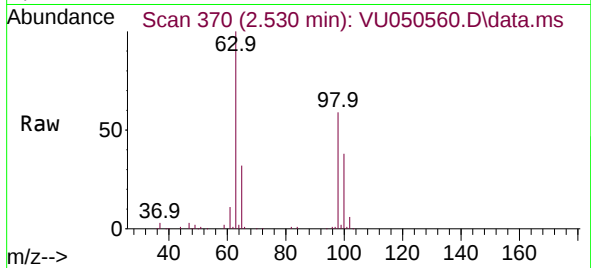




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.690 ug/L
 RT: 2.530 min Scan# 31
 Delta R.T. -0.042 min
 Lab File: VU050560.D
 Acq: 31 Aug 2022 19:42

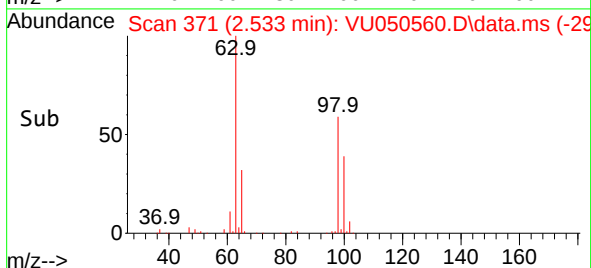
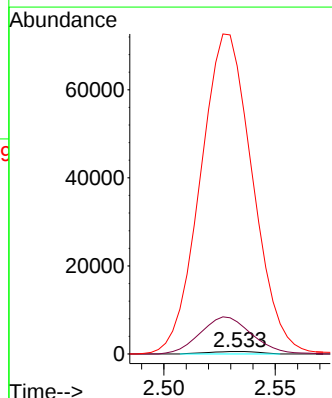
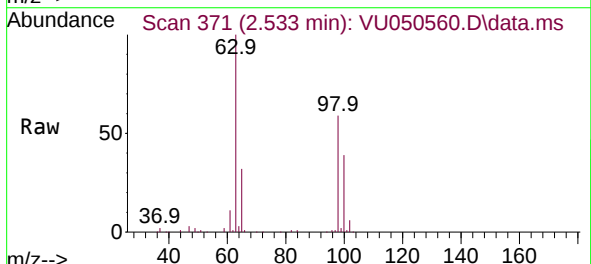
Instrument :
 MSVOA_U
 ClientSampleId :
 DBVW1ME

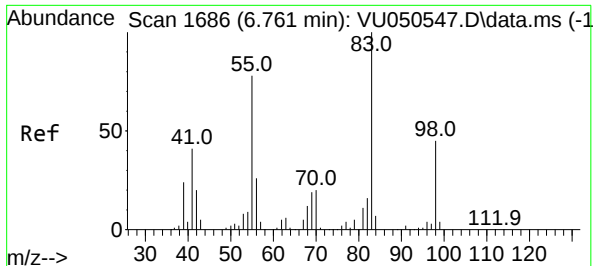
Tgt Ion:101 Resp: 1167
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 52.0#
 151 0.0 58.2 87.2#



#12
 1,1-Dichloroethene
 Concen: 0.504 ug/L
 RT: 2.533 min Scan# 371
 Delta R.T. -0.039 min
 Lab File: VU050560.D
 Acq: 31 Aug 2022 19:42

Tgt Ion: 96 Resp: 891
 Ion Ratio Lower Upper
 96 100
 61 1308.6 113.5 210.9#
 63 11745.8 78.0 144.9#

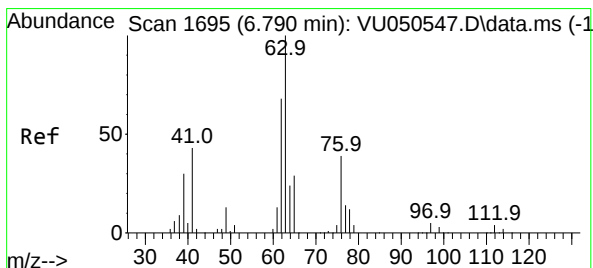
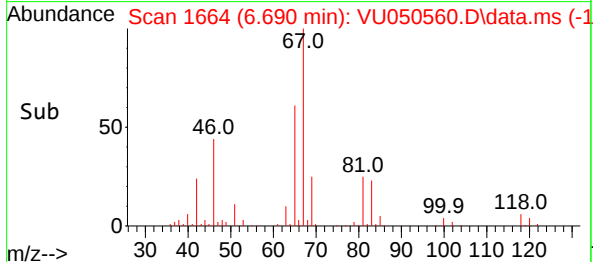
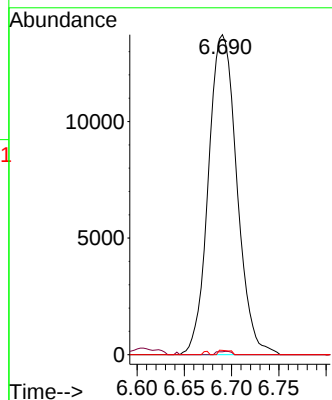
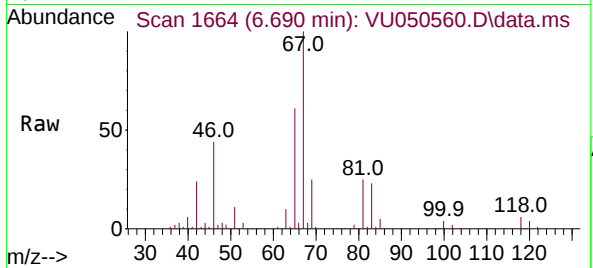




#35
Methylcyclohexane
Concen: 10.680 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.071 min
Lab File: VU050560.D
Acq: 31 Aug 2022 19:42

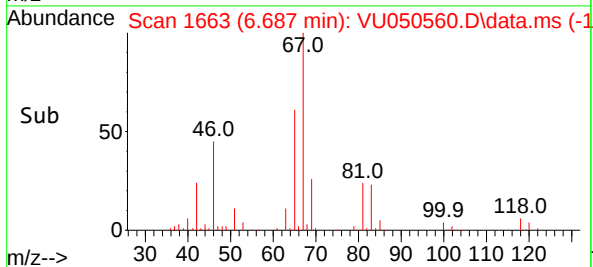
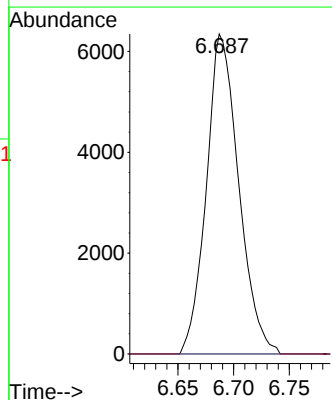
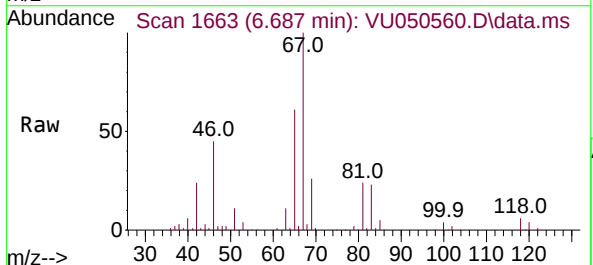
Instrument :
MSVOA_U
ClientSampleId :
DBVW1ME

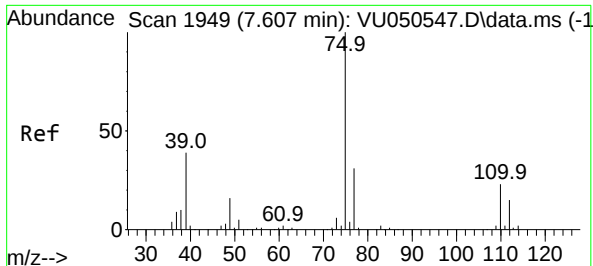
Tgt Ion: 83 Resp: 28787
Ion Ratio Lower Upper
83 100
55 0.0 61.0 91.4#
98 0.5 35.7 53.5#



#37
1,2-Dichloropropane
Concen: 5.364 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.103 min
Lab File: VU050560.D
Acq: 31 Aug 2022 19:42

Tgt Ion: 63 Resp: 12830
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#





#39

cis-1,3-Dichloropropene

Concen: 0.846 ug/L

RT: 7.565 min Scan# 1949

Delta R.T. -0.042 min

Lab File: VU050560.D

Acq: 31 Aug 2022 19:42

Instrument :

MSVOA_U

ClientSampleId :

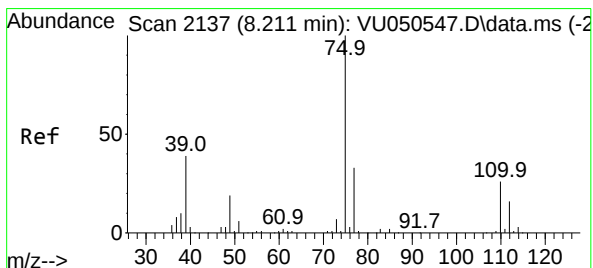
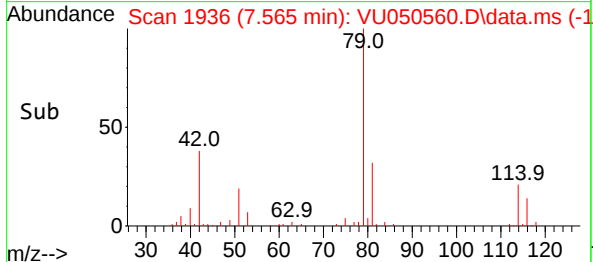
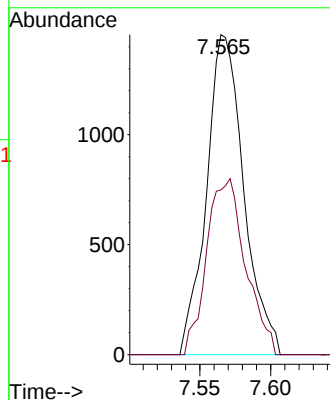
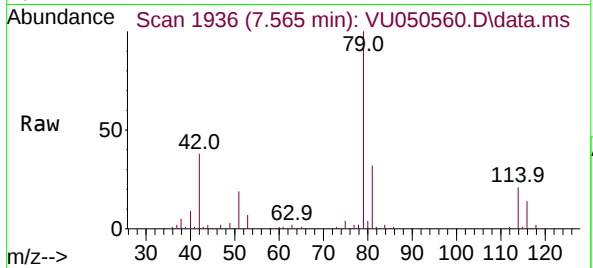
DBVW1ME

Tgt Ion: 75 Resp: 2665

Ion Ratio Lower Upper

75 100

77 51.5 22.1 41.1#



#44

trans-1,3-Dichloropropene

Concen: 0.656 ug/L

RT: 8.179 min Scan# 2127

Delta R.T. -0.032 min

Lab File: VU050560.D

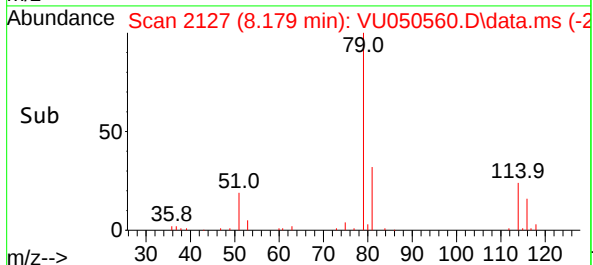
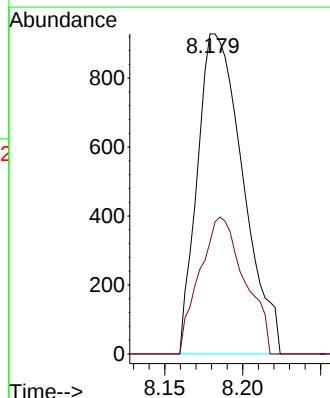
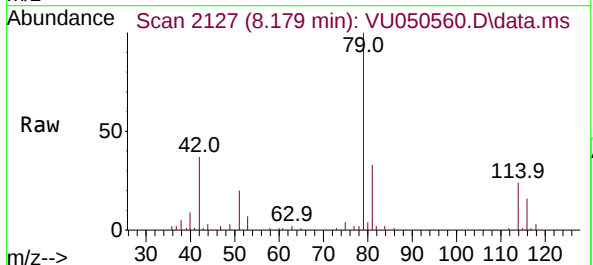
Acq: 31 Aug 2022 19:42

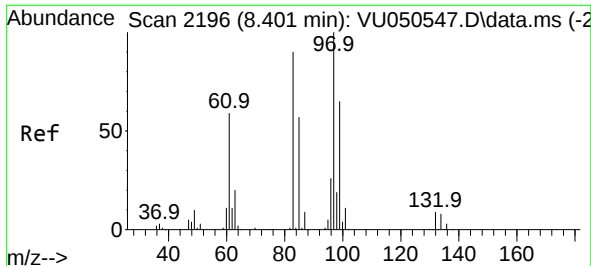
Tgt Ion: 75 Resp: 1884

Ion Ratio Lower Upper

75 100

77 34.9 22.2 41.2





#45

1,1,2-Trichloroethane

Concen: 0.641 ug/L

RT: 8.552 min Scan# 2196

Delta R.T. 0.151 min

Lab File: VU050560.D

Acq: 31 Aug 2022 19:42

Instrument :

MSVOA_U

ClientSampleId :

DBVW1ME

Tgt Ion: 97 Resp: 1488

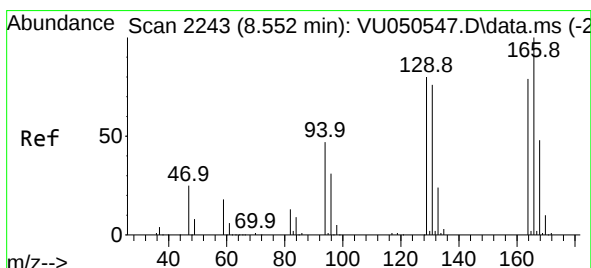
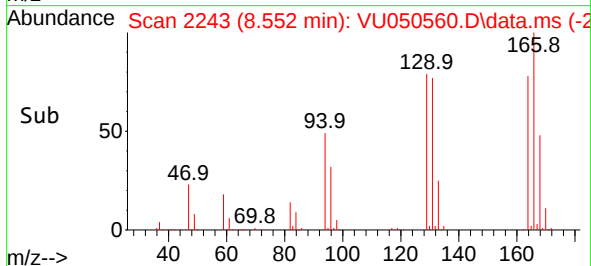
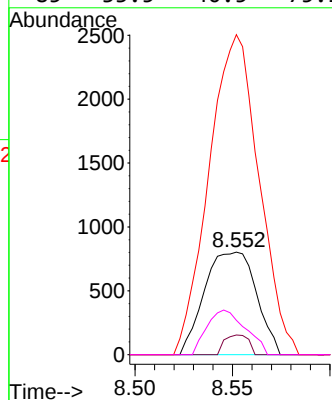
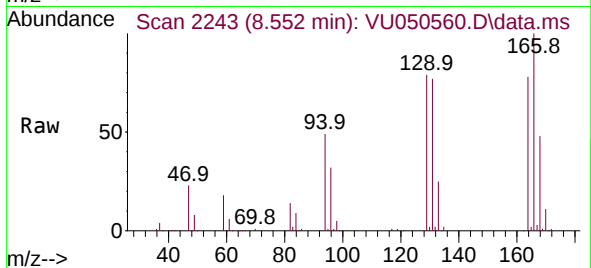
Ion Ratio Lower Upper

97 100

99 19.2 44.3 82.3#

83 312.0 62.1 115.3#

85 33.5 40.5 75.1#



#46

Tetrachloroethene

Concen: 125.411 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. -0.000 min

Lab File: VU050560.D

Acq: 31 Aug 2022 19:42

Tgt Ion:164 Resp: 175870

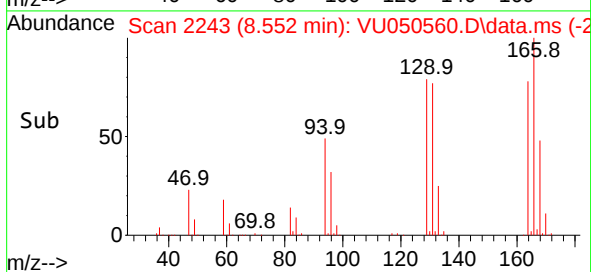
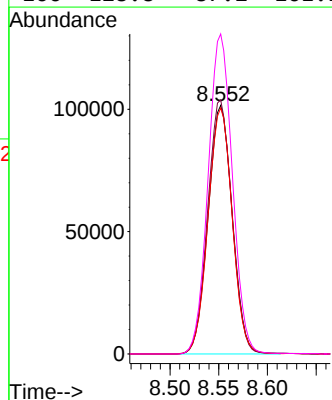
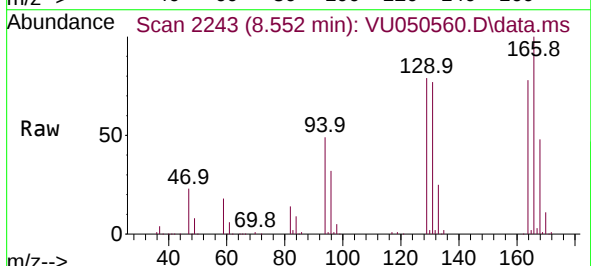
Ion Ratio Lower Upper

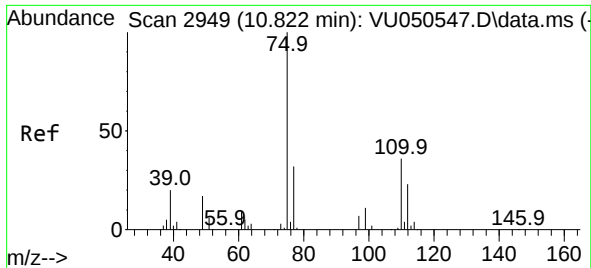
164 100

129 102.3 67.5 125.3

131 99.1 63.8 118.4

166 128.8 87.2 161.9





#60
 1,2,3-Trichloropropane
 Concen: 3.777 ug/L
 RT: 11.815 min Scan# 31
 Delta R.T. 0.993 min
 Lab File: VU050560.D
 Acq: 31 Aug 2022 19:42

Instrument :
 MSVOA_U
 ClientSampleId :
 DBVW1ME

Tgt Ion: 75 Resp: 10059
 Ion Ratio Lower Upper
 75 100
 77 33.6 26.2 39.4
 110 1.7 29.0 43.6#

