

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082922\
 Data File : VU050507.D
 Acq On : 30 Aug 2022 00:39
 Operator : SY/MD
 Sample : N4344-09ME
 Misc : 6.01g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 30 05:32:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM082422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 30 05:29:53 2022
 Response via : Initial Calibration

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

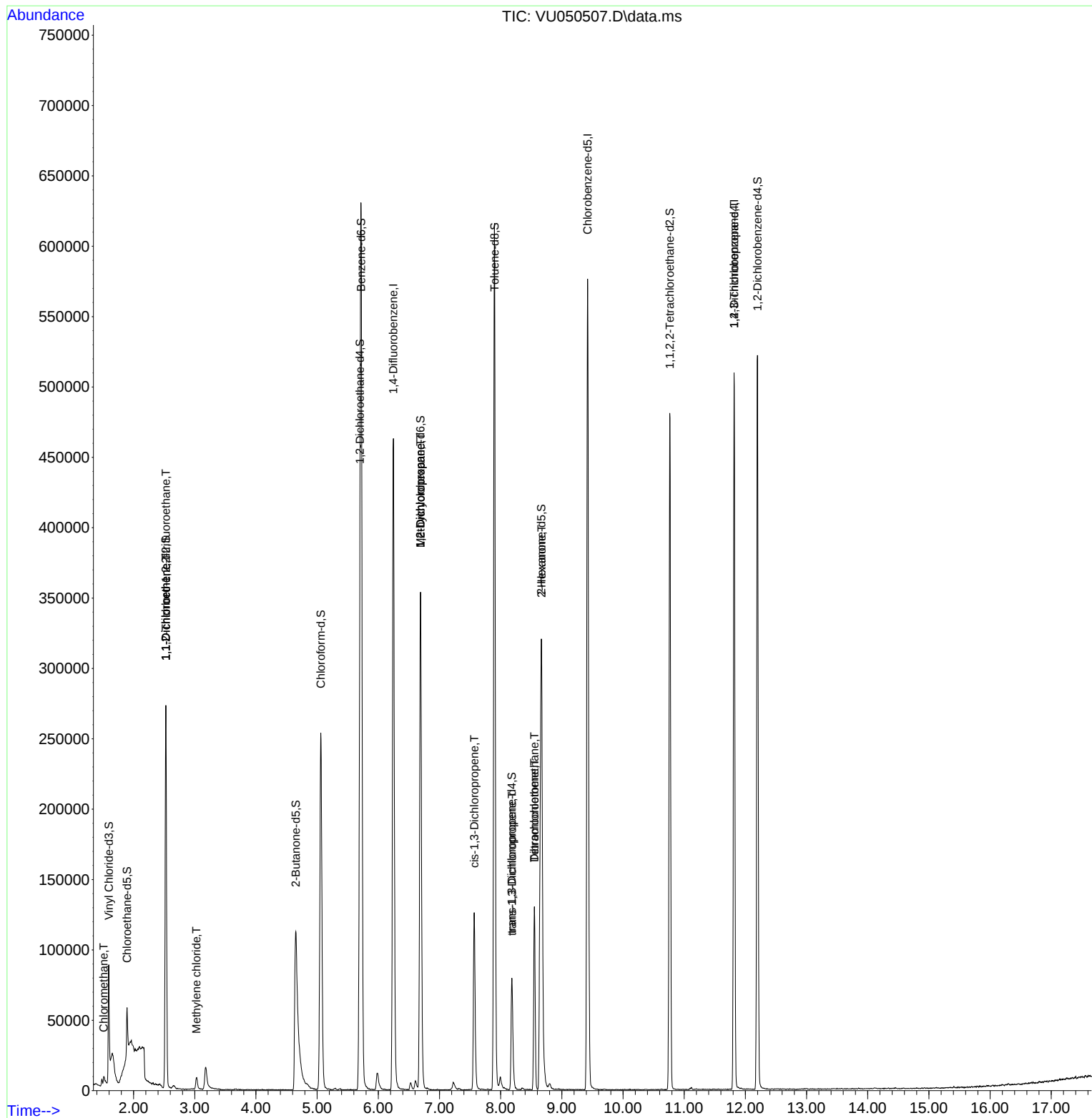
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	401232	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	374710	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	137330	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	71025	14.971	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	29.940%#		
7) Chloroethane-d5	1.893	69	31586	8.998	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	18.000%#		
11) 1,1-Dichloroethene-d2	2.526	63	163855	24.439	ug/L	-0.04
Spiked Amount 50.000	Range 60 - 125		Recovery =	48.880%#		
21) 2-Butanone-d5	4.652	46	254653	82.005	ug/L	0.03
Spiked Amount 100.000	Range 40 - 130		Recovery =	82.010%		
24) Chloroform-d	5.060	84	256340	33.659	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	67.320%#		
26) 1,2-Dichloroethane-d4	5.700	65	180308	38.094	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	76.180%		
32) Benzene-d6	5.719	84	557219	40.246	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	80.500%		
36) 1,2-Dichloropropane-d6	6.690	67	186678	40.700	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	81.400%		
41) Toluene-d8	7.899	98	443162	36.580	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	73.160%#		
43) trans-1,3-Dichloroprop...	8.182	79	53420	27.921	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	55.840%#		
47) 2-Hexanone-d5	8.664	63	153998	90.473	ug/L	0.03
Spiked Amount 100.000	Range 45 - 130		Recovery =	90.470%		
56) 1,1,2,2-Tetrachloroeth...	10.764	84	250339	35.386	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	70.780%		
66) 1,2-Dichlorobenzene-d4	12.198	152	139158	42.420	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	84.840%		
Target Compounds						Qvalue
3) Chloromethane	1.514	50	5205	1.426	ug/L	88
10) 1,1,2-Trichloro-1,2,2-...	2.526	101	1400	0.503	ug/L #	21
12) 1,1-Dichloroethene	2.526	96	1341	0.545	ug/L #	1
16) Methylene chloride	3.025	84	5036	1.468	ug/L	84
35) Methylcyclohexane	6.690	83	42778	11.392	ug/L #	19
37) 1,2-Dichloropropane	6.690	63	19971	6.060	ug/L #	89
39) cis-1,3-Dichloropropene	7.568	75	3457	0.799	ug/L #	68
44) trans-1,3-Dichloropropene	8.185	75	2543	0.630	ug/L	93
46) Tetrachloroethene	8.552	164	29423	14.918	ug/L	99
48) 2-Hexanone	8.668	43	22313	6.101	ug/L #	73
49) Dibromochloromethane	8.552	129	29203	8.694	ug/L #	9
60) 1,2,3-Trichloropropane	11.815	75	16456	4.650	ug/L #	69

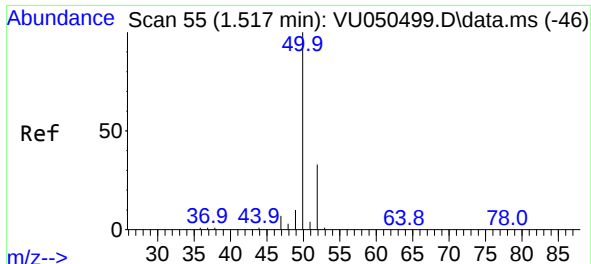
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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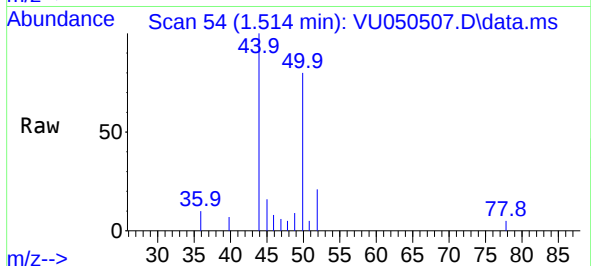
Quant Time: Aug 30 05:32:23 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM082422WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Aug 30 05:29:53 2022
Response via : Initial Calibration



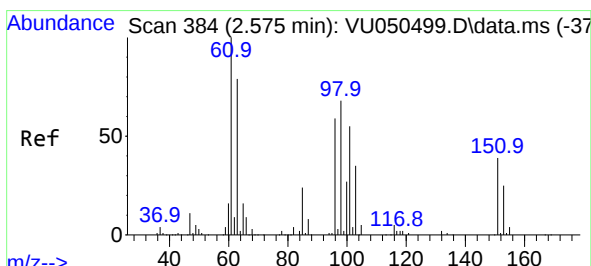
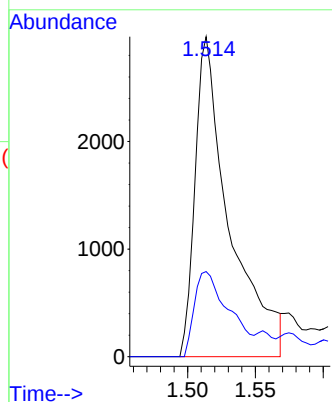
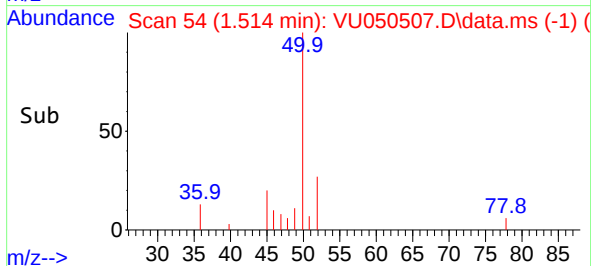


#3
Chloromethane
Concen: 1.426 ug/L
RT: 1.514 min Scan# 54
Delta R.T. -0.003 min
Lab File: VU050507.D
Acq: 30 Aug 2022 00:39

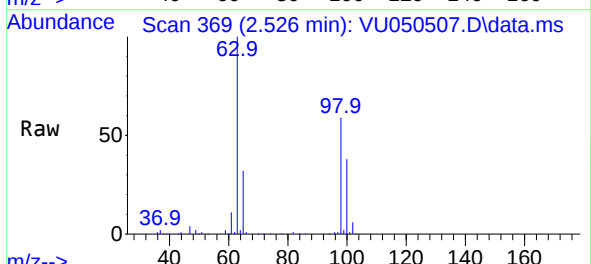
Instrument :
MSVOA_U
ClientSampleId :



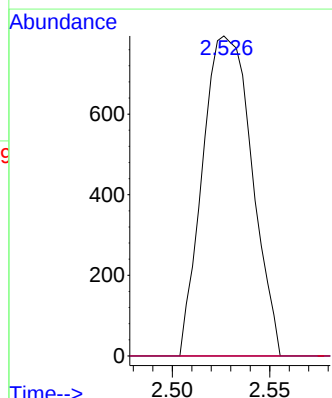
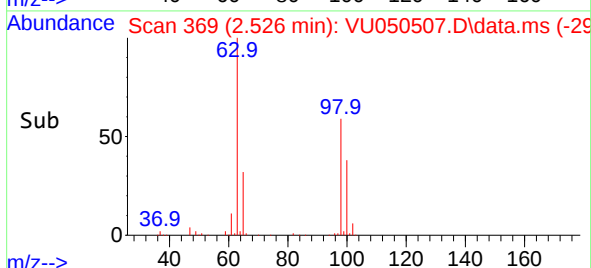
Tgt Ion: 50 Resp: 5205
Ion Ratio Lower Upper
50 100
52 26.6 23.4 43.6

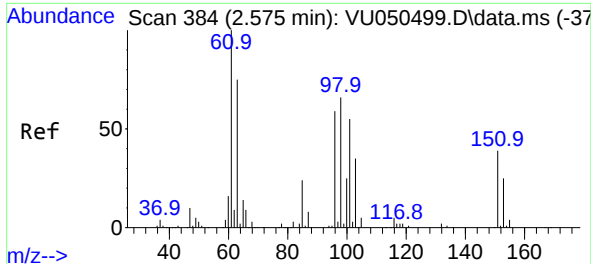


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.503 ug/L
RT: 2.526 min Scan# 369
Delta R.T. -0.048 min
Lab File: VU050507.D
Acq: 30 Aug 2022 00:39



Tgt Ion: 101 Resp: 1400
Ion Ratio Lower Upper
101 100
85 0.0 35.3 52.9#
151 0.0 57.3 85.9#





#12

1,1-Dichloroethene

Concen: 0.545 ug/L

RT: 2.526 min Scan# 3

Delta R.T. -0.048 min

Lab File: VU050507.D

Acq: 30 Aug 2022 00:39

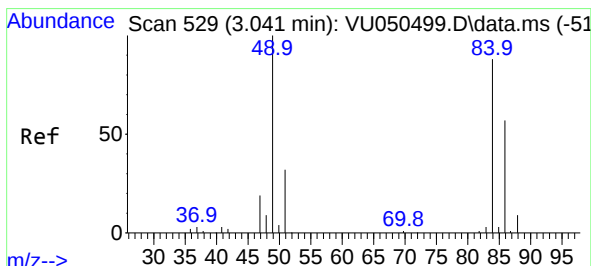
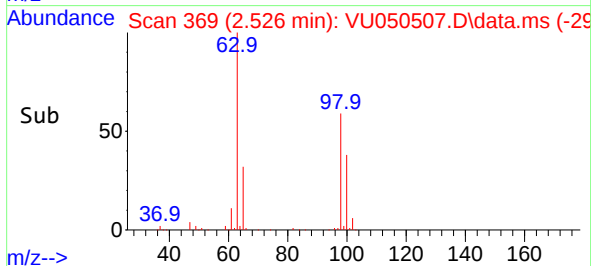
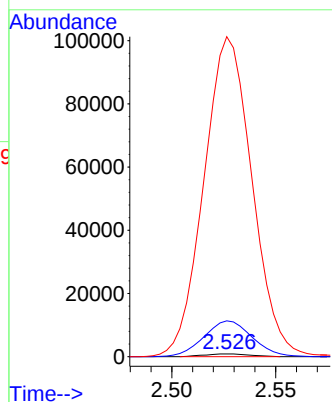
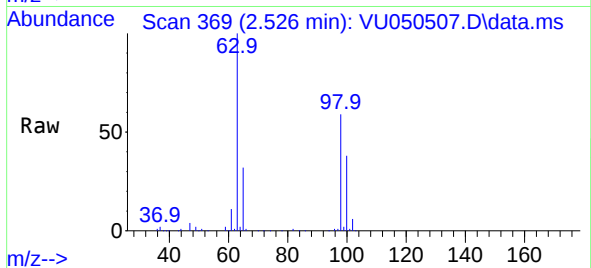
Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 96 Resp: 1341

Ion	Ratio	Lower	Upper
96	100		
61	1299.8	116.8	216.8#
63	11574.9	97.4	180.8#



#16

Methylene chloride

Concen: 1.468 ug/L

RT: 3.025 min Scan# 524

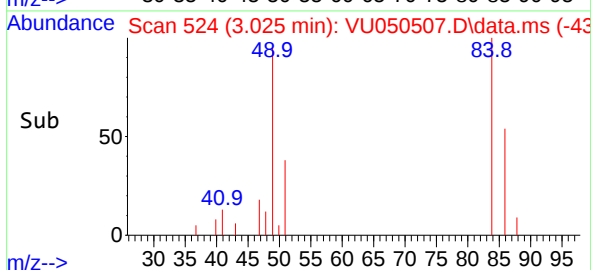
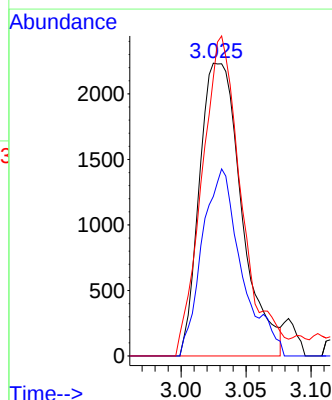
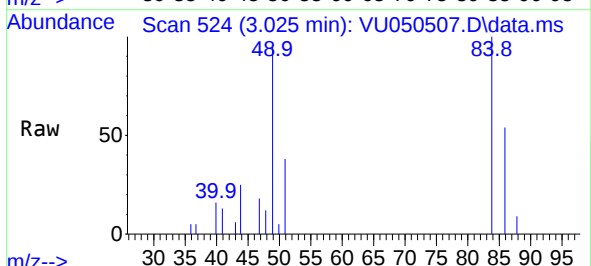
Delta R.T. -0.016 min

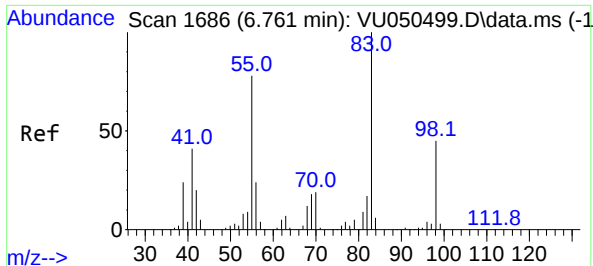
Lab File: VU050507.D

Acq: 30 Aug 2022 00:39

Tgt Ion: 84 Resp: 5036

Ion	Ratio	Lower	Upper
84	100		
86	54.5	43.9	81.5
49	95.1	80.4	149.4





#35

Methylcyclohexane

Concen: 11.392 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU050507.D

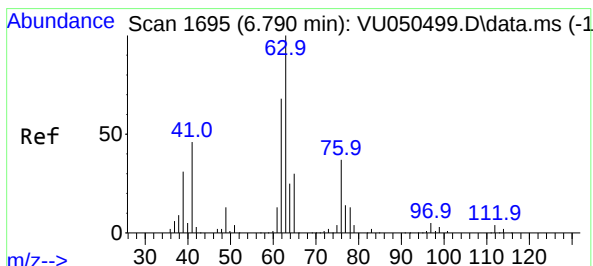
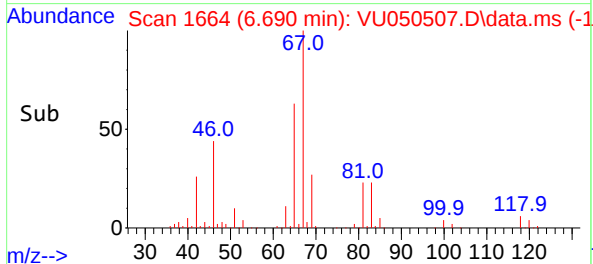
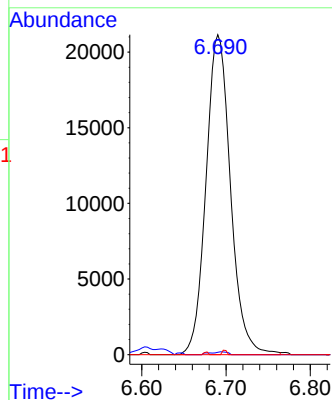
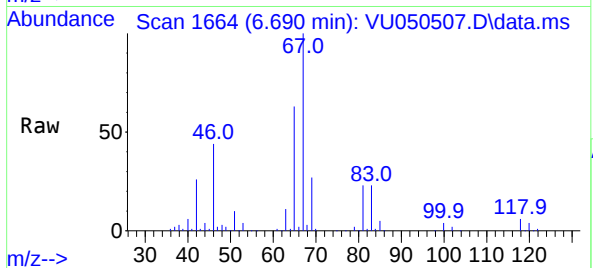
Acq: 30 Aug 2022 00:39

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 42778
Ion Ratio	Lower Upper
83 100	
55 0.4	61.9 92.9#
98 0.3	35.8 53.8#



#37

1,2-Dichloropropane

Concen: 6.060 ug/L

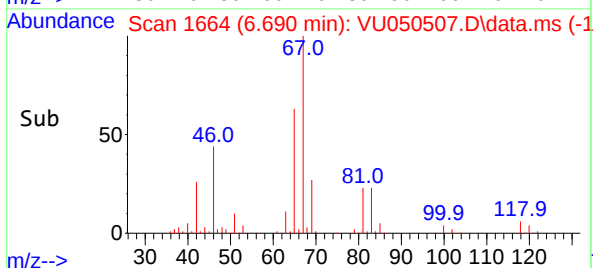
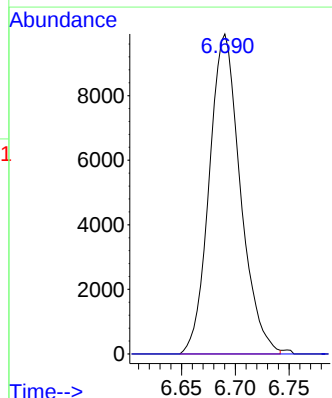
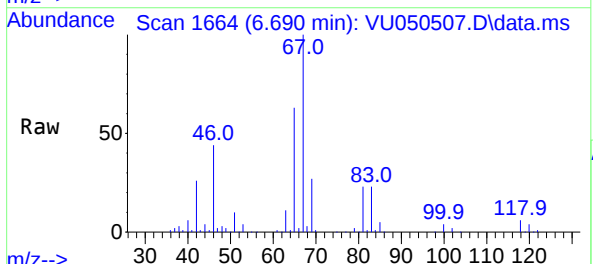
RT: 6.690 min Scan# 1664

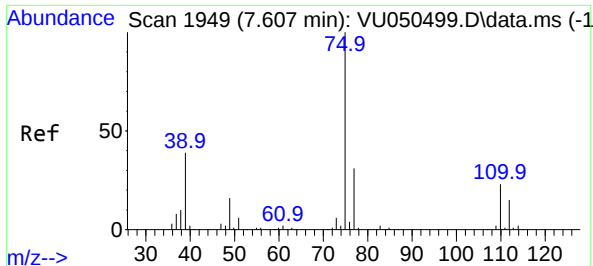
Delta R.T. -0.100 min

Lab File: VU050507.D

Acq: 30 Aug 2022 00:39

Tgt Ion: 63	Resp: 19971
Ion Ratio	Lower Upper
63 100	
112 0.0	3.0 4.4#

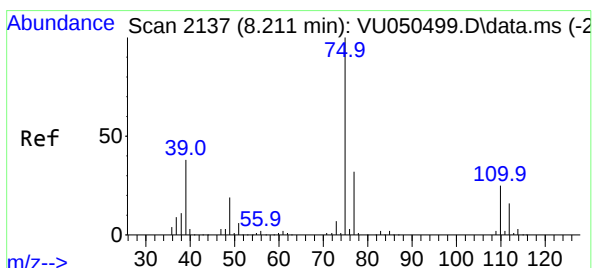
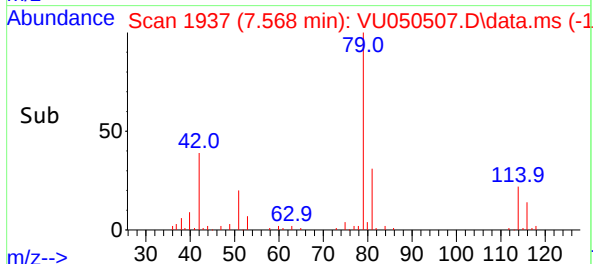
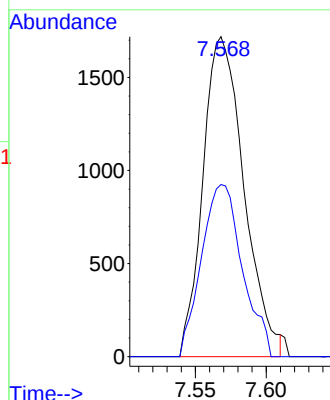
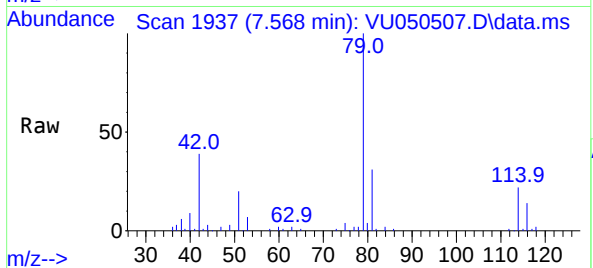




#39
cis-1,3-Dichloropropene
Concen: 0.799 ug/L
RT: 7.568 min Scan# 1949
Delta R.T. -0.039 min
Lab File: VU050507.D
Acq: 30 Aug 2022 00:39

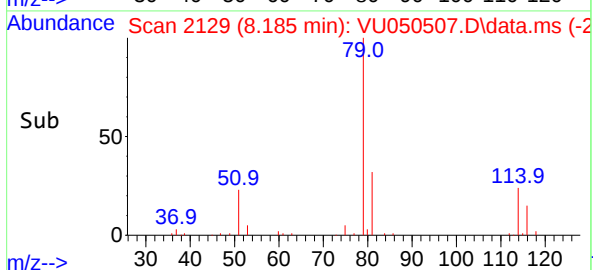
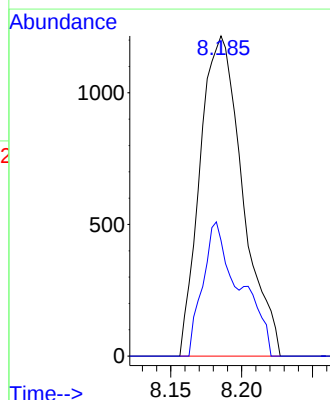
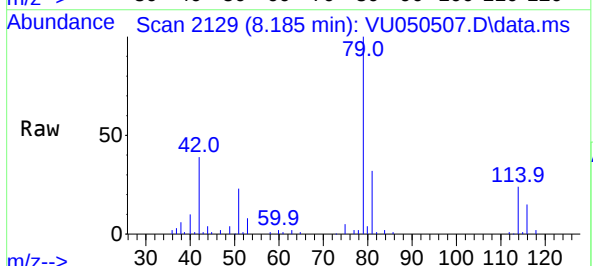
Instrument :
MSVOA_U
ClientSampleId :

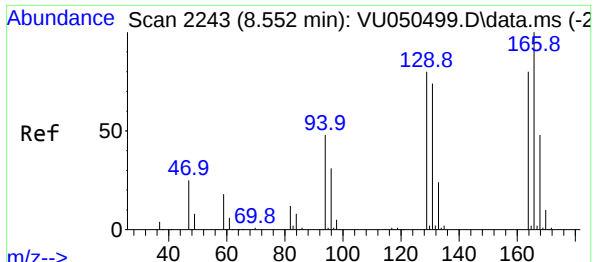
Tgt Ion: 75 Resp: 3457
Ion Ratio Lower Upper
75 100
77 50.6 22.8 42.4#



#44
trans-1,3-Dichloropropene
Concen: 0.630 ug/L
RT: 8.185 min Scan# 2129
Delta R.T. -0.026 min
Lab File: VU050507.D
Acq: 30 Aug 2022 00:39

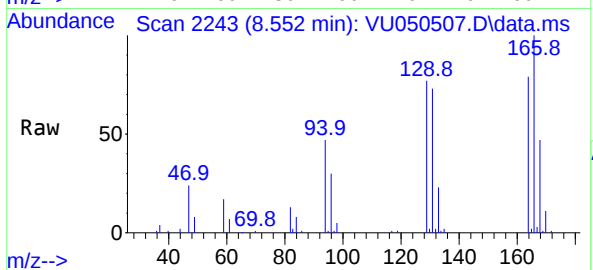
Tgt Ion: 75 Resp: 2543
Ion Ratio Lower Upper
75 100
77 36.1 22.5 41.7





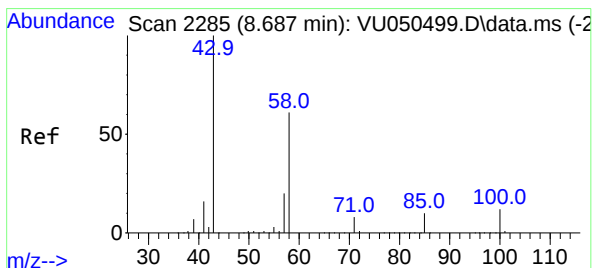
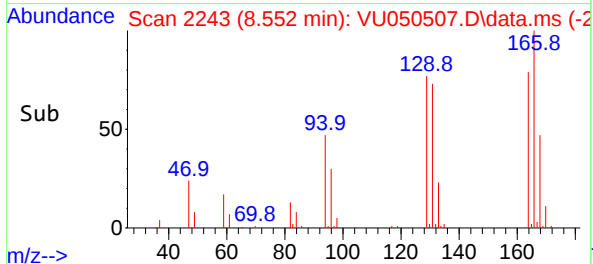
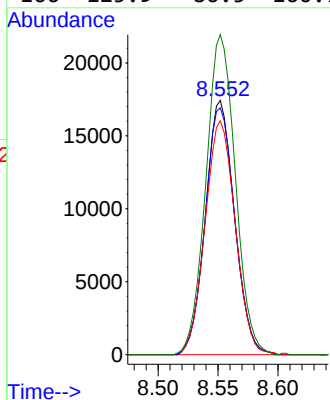
#46
Tetrachloroethene
Concen: 14.918 ug/L
RT: 8.552 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU050507.D
Acq: 30 Aug 2022 00:39

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:164 Resp: 29423

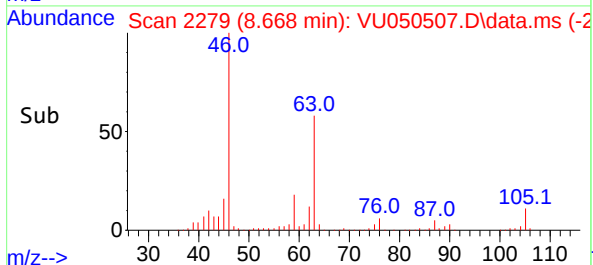
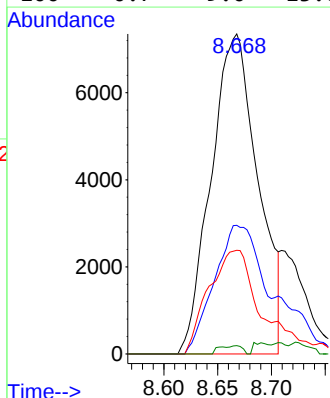
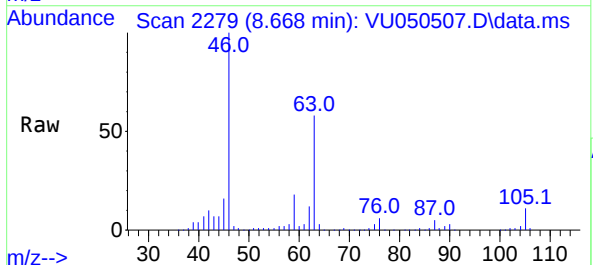
Ion	Ratio	Lower	Upper
164	100		
129	97.1	68.0	126.4
131	92.1	65.4	121.4
166	125.9	86.5	160.7

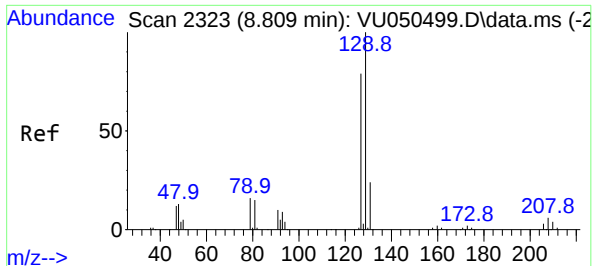


#48
2-Hexanone
Concen: 6.101 ug/L
RT: 8.668 min Scan# 2279
Delta R.T. -0.019 min
Lab File: VU050507.D
Acq: 30 Aug 2022 00:39

Tgt Ion: 43 Resp: 22313

Ion	Ratio	Lower	Upper
43	100		
58	39.3	47.9	71.9#
57	31.3	15.4	23.0#
100	0.7	9.0	13.6#





#49

Dibromochloromethane

Concen: 8.694 ug/L

RT: 8.552 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU050507.D

Acq: 30 Aug 2022 00:39

Instrument :

MSVOA_U

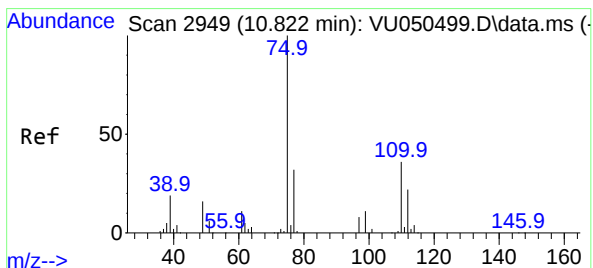
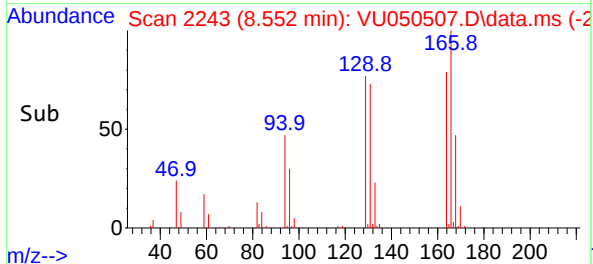
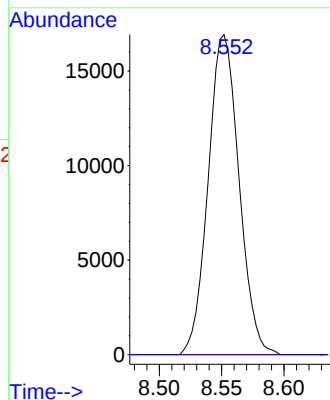
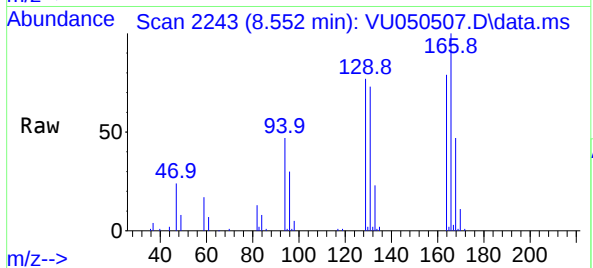
ClientSampleId :

Tgt Ion:129 Resp: 29203

Ion Ratio Lower Upper

129 100

127 0.0 55.9 103.7#



#60

1,2,3-Trichloropropane

Concen: 4.650 ug/L

RT: 11.815 min Scan# 3258

Delta R.T. 0.994 min

Lab File: VU050507.D

Acq: 30 Aug 2022 00:39

Tgt Ion: 75 Resp: 16456

Ion Ratio Lower Upper

75 100

77 31.2 25.7 38.5

110 2.5 29.0 43.4#

