

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082922\
 Data File : VU050503.D
 Acq On : 29 Aug 2022 23:04
 Operator : SY/MD
 Sample : N4344-23ME
 Misc : 5.58g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 30 05:31:16 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)

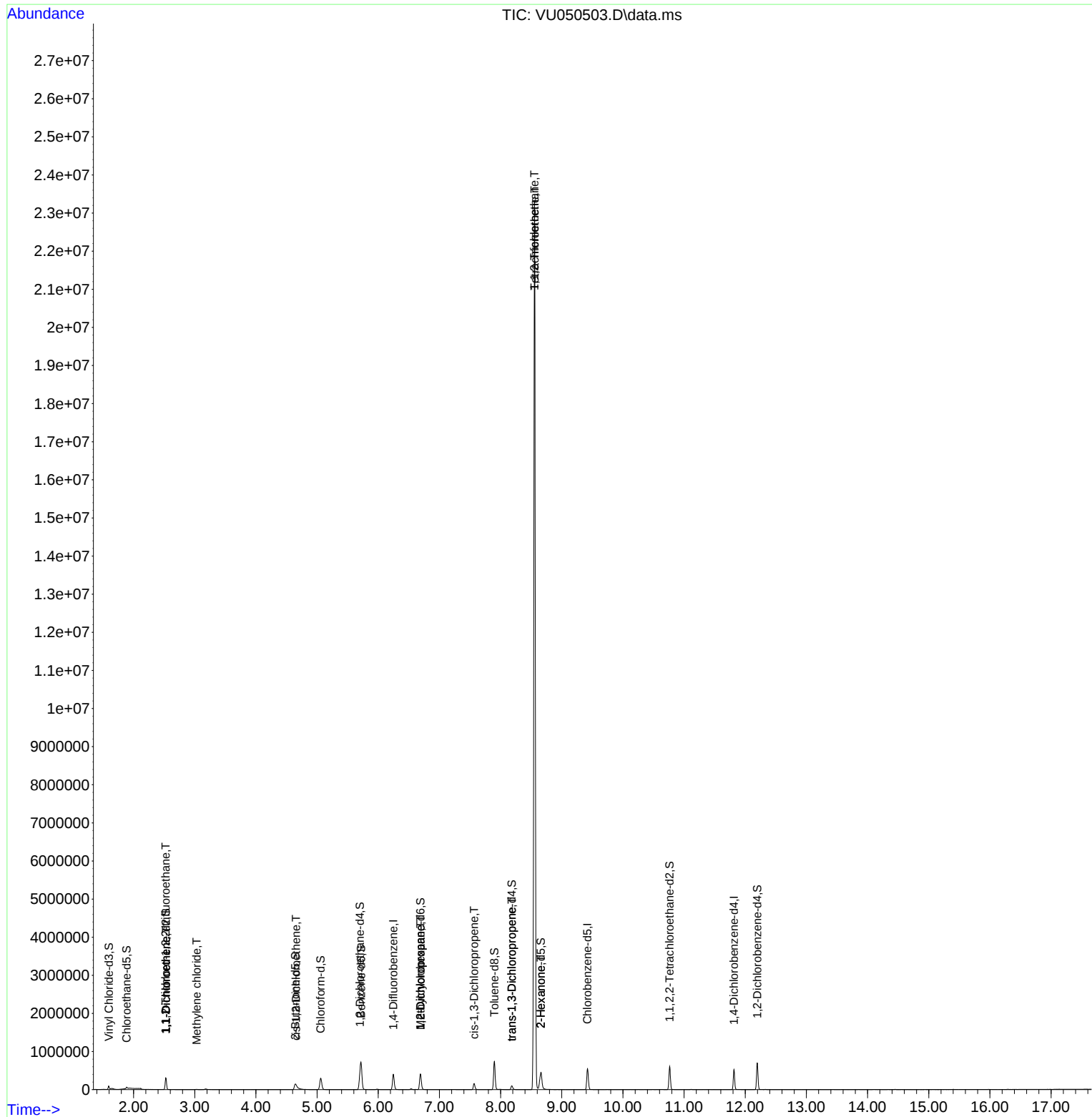
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	351834	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	347325	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	138253	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	80526	19.356	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	38.720%#
7) Chloroethane-d5	1.887	69	39800	12.929	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	25.860%#
11) 1,1-Dichloroethene-d2	2.527	63	183482	31.208	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.420%
21) 2-Butanone-d5	4.645	46	304178	111.706	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.710%
24) Chloroform-d	5.060	84	297884	44.606	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.220%
26) 1,2-Dichloroethane-d4	5.700	65	205239	49.449	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.900%
32) Benzene-d6	5.719	84	630263	49.111	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.220%
36) 1,2-Dichloropropane-d6	6.690	67	216449	50.911	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.820%
41) Toluene-d8	7.899	98	524696	46.724	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.440%
43) trans-1,3-Dichloroprop...	8.182	79	67694	38.171	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.340%
47) 2-Hexanone-d5	8.658	63	215159	136.371	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	136.370%#
56) 1,1,2,2-Tetrachloroeth...	10.764	84	317316	48.390	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.780%
66) 1,2-Dichlorobenzene-d4	12.198	152	183421	55.539	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.080%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.523	101	1835	0.752	ug/L #	21
12) 1,1-Dichloroethene	2.530	96	1453	0.673	ug/L #	1
16) Methylene chloride	3.031	84	4083	1.357	ug/L	82
20) cis-1,2-Dichloroethene	4.658	96	2171	0.799	ug/L	98
35) Methylcyclohexane	6.690	83	48859	14.037	ug/L #	19
37) 1,2-Dichloropropane	6.690	63	22399	7.333	ug/L #	89
39) cis-1,3-Dichloropropene	7.568	75	3948	0.984	ug/L #	66
44) trans-1,3-Dichloropropene	8.182	75	2750	0.736	ug/L	93
45) 1,1,2-Trichloroethane	8.552	97	44602	14.839	ug/L #	1
46) Tetrachloroethene	8.555	164	4995836	2732.662	ug/L	95
48) 2-Hexanone	8.658	43	27281	8.048	ug/L #	75

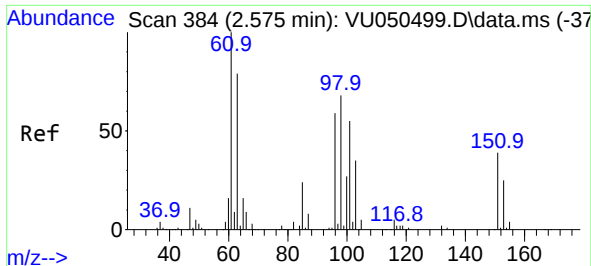
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082922\
Data File : VU050503.D
Acq On : 29 Aug 2022 23:04
Operator : SY/MD
Sample : N4344-23ME
Misc : 5.58g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Aug 30 05:31:16 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

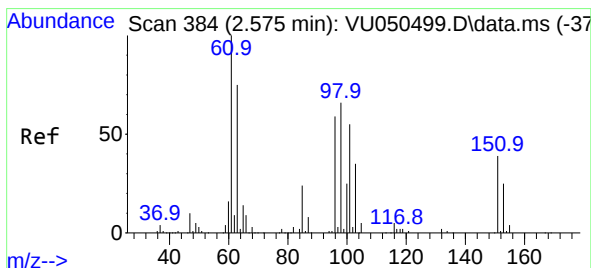
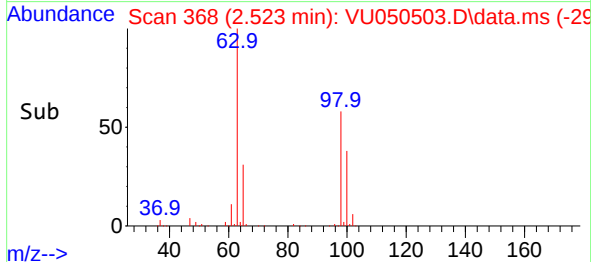
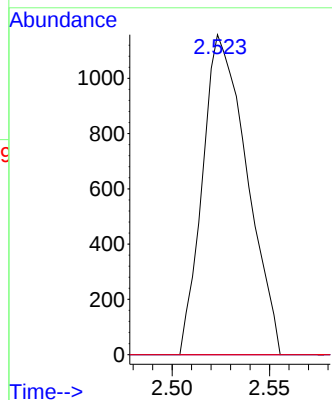
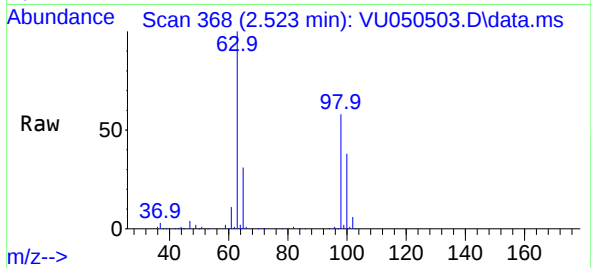




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.752 ug/L
RT: 2.523 min Scan# 30
Delta R.T. -0.051 min
Lab File: VU050503.D
Acq: 29 Aug 2022 23:04

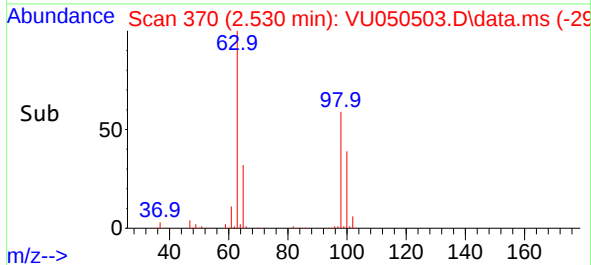
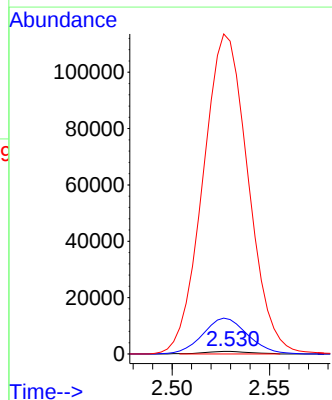
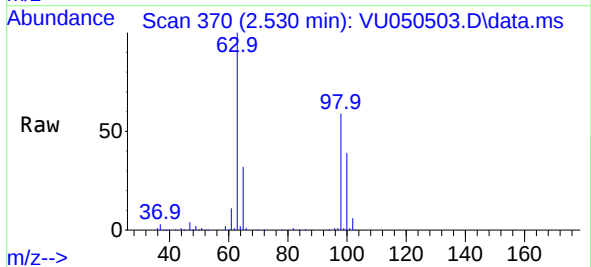
Instrument :
MSVOA_U
ClientSampleId :

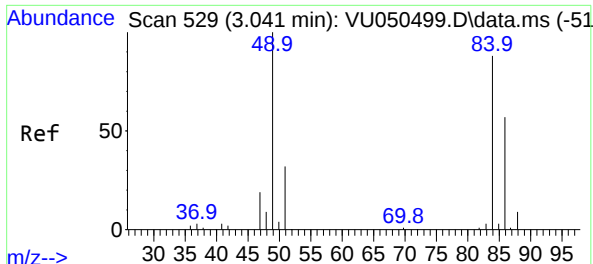
Tgt Ion:101 Resp: 1835
Ion Ratio Lower Upper
101 100
85 0.0 35.3 52.9#
151 0.0 57.3 85.9#



#12
1,1-Dichloroethene
Concen: 0.673 ug/L
RT: 2.530 min Scan# 370
Delta R.T. -0.045 min
Lab File: VU050503.D
Acq: 29 Aug 2022 23:04

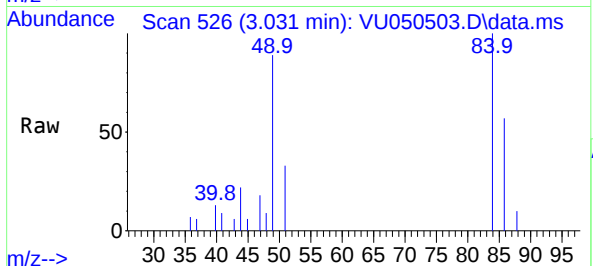
Tgt Ion: 96 Resp: 1453
Ion Ratio Lower Upper
96 100
61 1314.6 116.8 216.8#
63 11929.5 97.4 180.8#





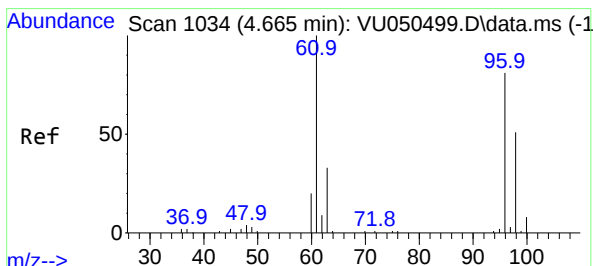
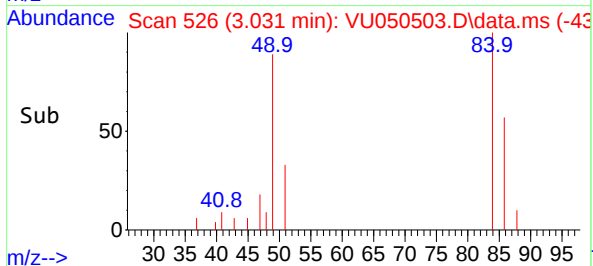
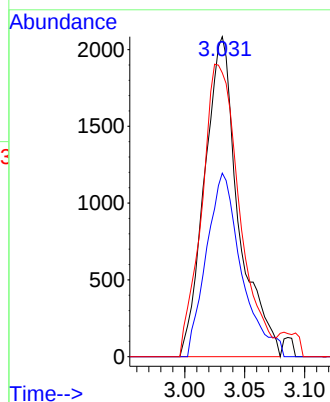
#16
Methylene chloride
Concen: 1.357 ug/L
RT: 3.031 min Scan# 51
Delta R.T. -0.010 min
Lab File: VU050503.D
Acq: 29 Aug 2022 23:04

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 84 Resp: 4083

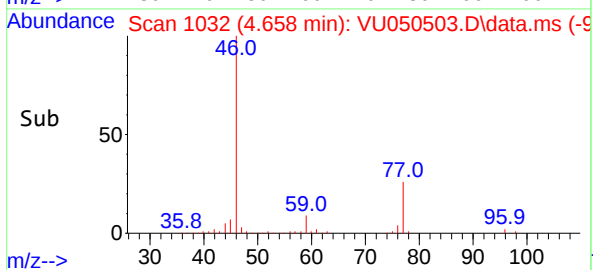
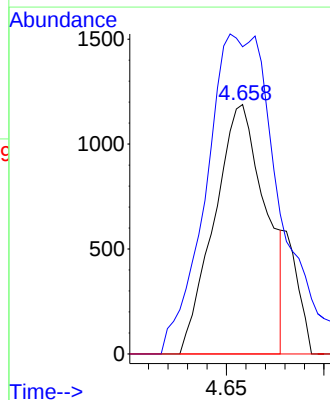
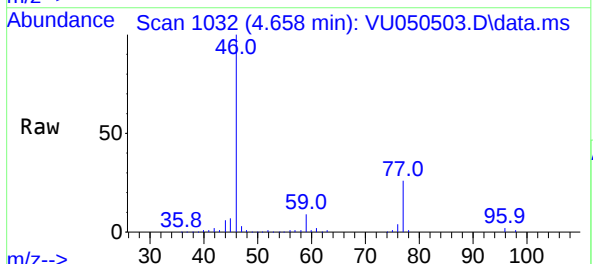
Ion	Ratio	Lower	Upper
84	100		
86	57.3	43.9	81.5
49	88.7	80.4	149.4

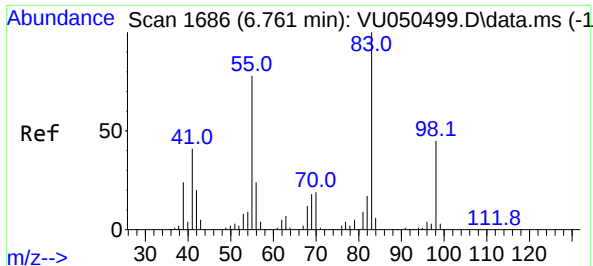


#20
cis-1,2-Dichloroethene
Concen: 0.799 ug/L
RT: 4.658 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VU050503.D
Acq: 29 Aug 2022 23:04

Tgt Ion: 96 Resp: 2171

Ion	Ratio	Lower	Upper
96	100		
61	123.1	88.1	163.5
68	0.0	0.0	0.0

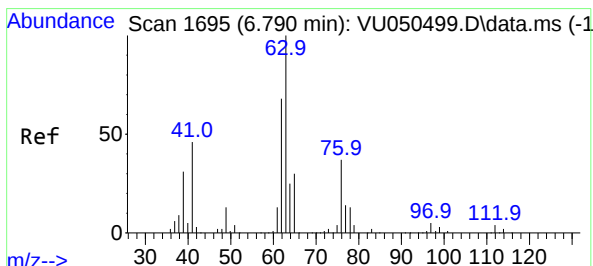
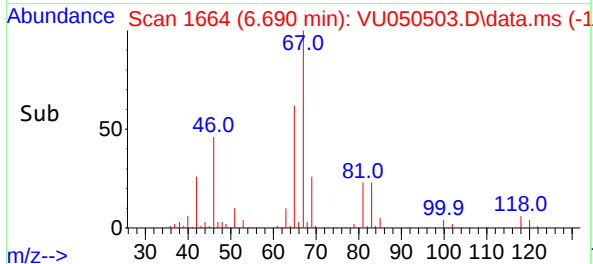
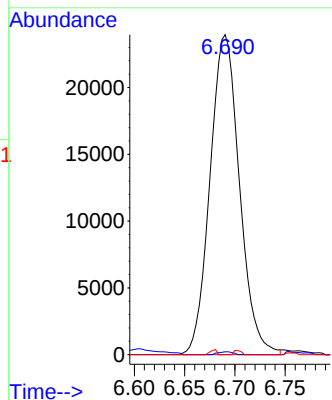
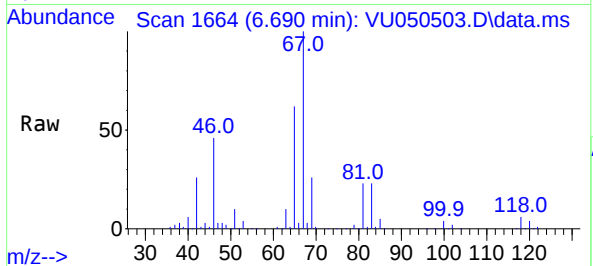




#35
Methylcyclohexane
Concen: 14.037 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.071 min
Lab File: VU050503.D
Acq: 29 Aug 2022 23:04

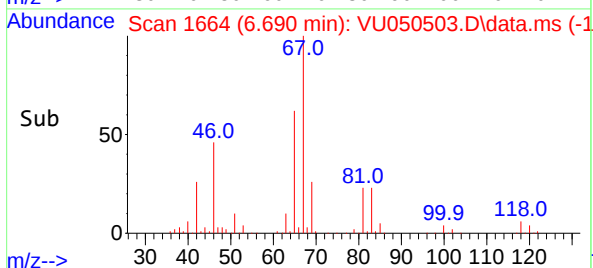
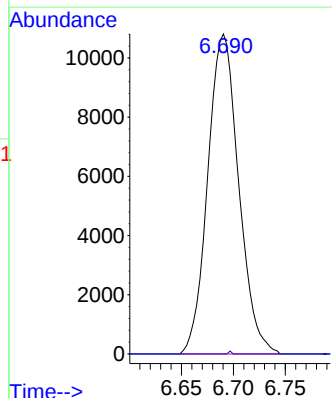
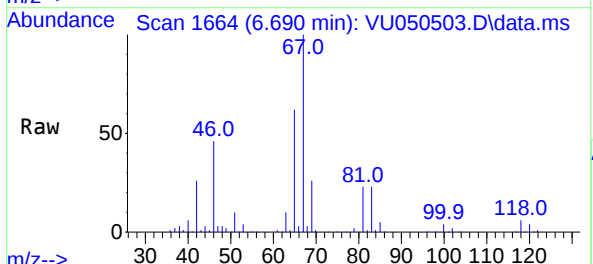
Instrument :
MSVOA_U
ClientSampleId :

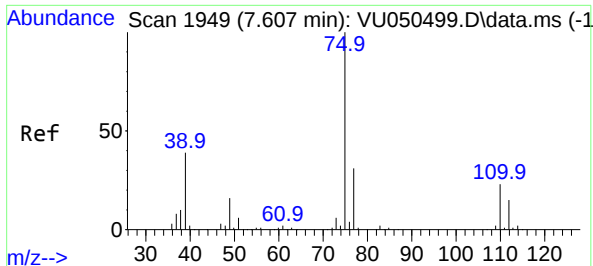
Tgt Ion: 83 Resp: 48859
Ion Ratio Lower Upper
83 100
55 0.5 61.9 92.9#
98 0.3 35.8 53.8#



#37
1,2-Dichloropropane
Concen: 7.333 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.100 min
Lab File: VU050503.D
Acq: 29 Aug 2022 23:04

Tgt Ion: 63 Resp: 22399
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#





#39

cis-1,3-Dichloropropene

Concen: 0.984 ug/L

RT: 7.568 min Scan# 1948

Delta R.T. -0.038 min

Lab File: VU050503.D

Acq: 29 Aug 2022 23:04

Instrument :

MSVOA_U

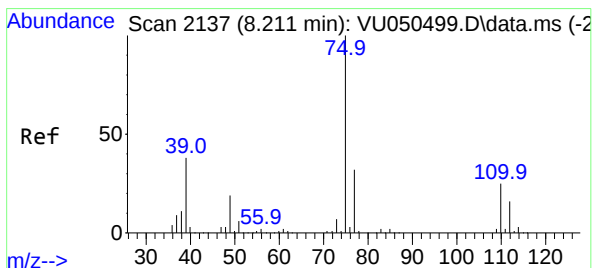
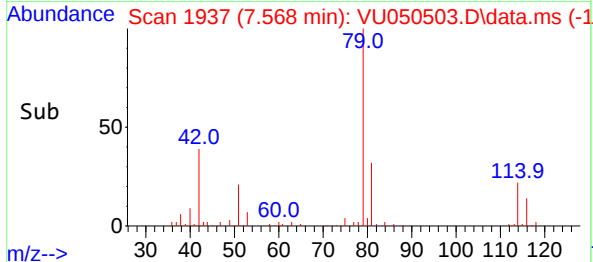
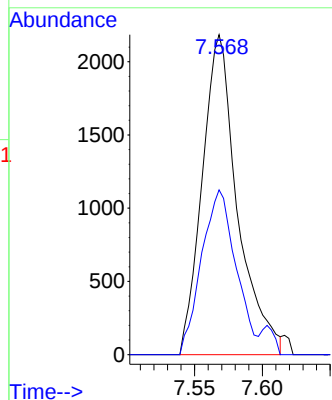
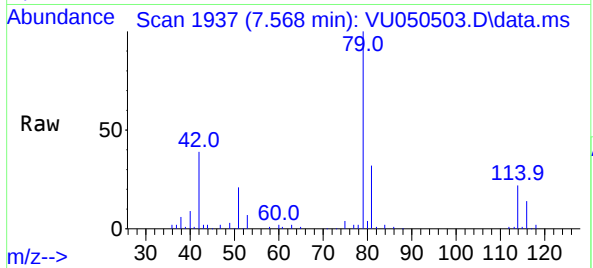
ClientSampleId :

Tgt Ion: 75 Resp: 3948

Ion Ratio Lower Upper

75 100

77 51.5 22.8 42.4#



#44

trans-1,3-Dichloropropene

Concen: 0.736 ug/L

RT: 8.182 min Scan# 2128

Delta R.T. -0.029 min

Lab File: VU050503.D

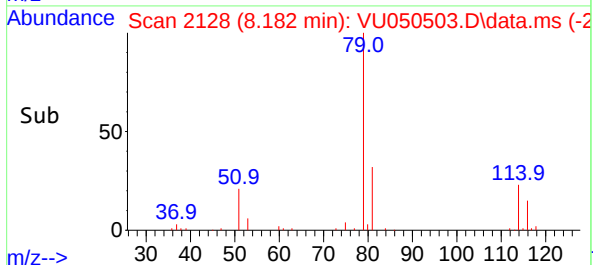
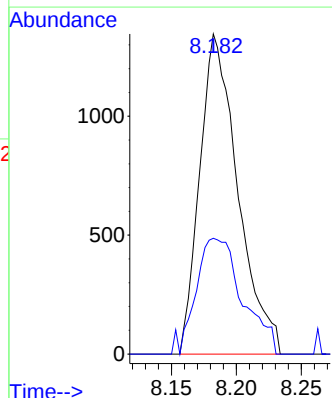
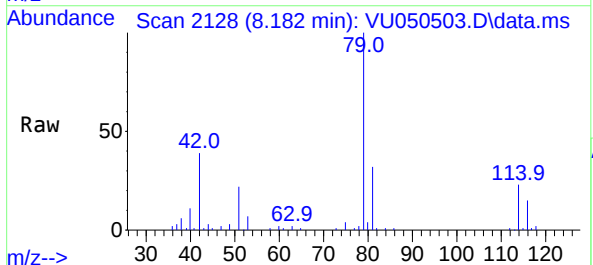
Acq: 29 Aug 2022 23:04

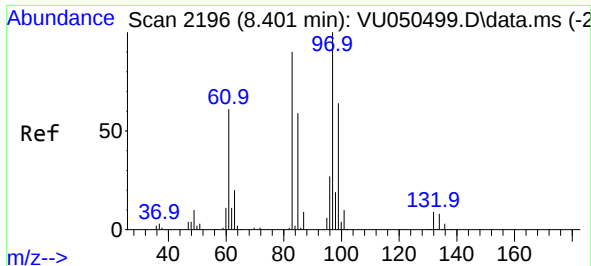
Tgt Ion: 75 Resp: 2750

Ion Ratio Lower Upper

75 100

77 36.2 22.5 41.7





#45

1,1,2-Trichloroethane

Concen: 14.839 ug/L

RT: 8.552 min Scan# 2196

Delta R.T. 0.151 min

Lab File: VU050503.D

Acq: 29 Aug 2022 23:04

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 44602

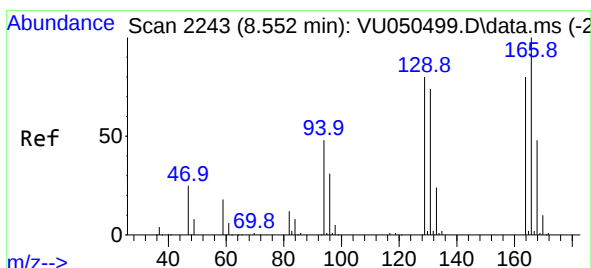
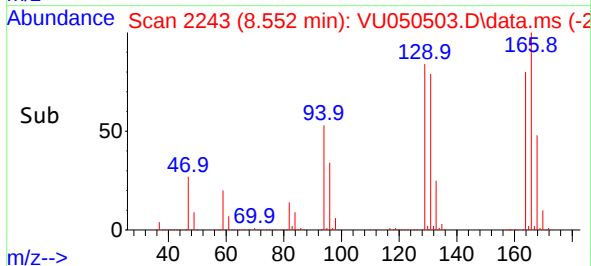
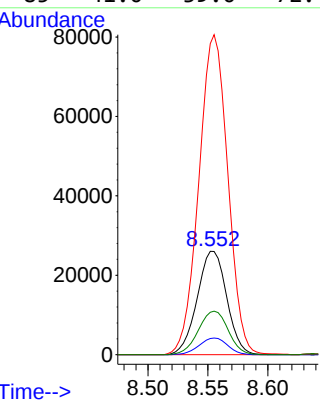
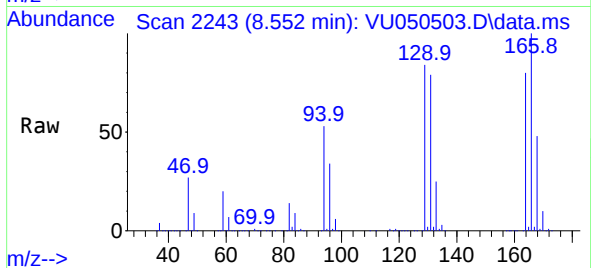
Ion Ratio Lower Upper

97 100

99 15.6 43.3 80.3#

83 300.7 60.3 112.1#

85 41.0 39.0 72.4



#46

Tetrachloroethene

Concen: 2732.662 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. 0.003 min

Lab File: VU050503.D

Acq: 29 Aug 2022 23:04

Tgt Ion:164 Resp: 4995836

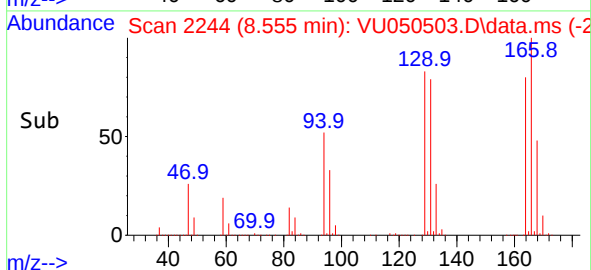
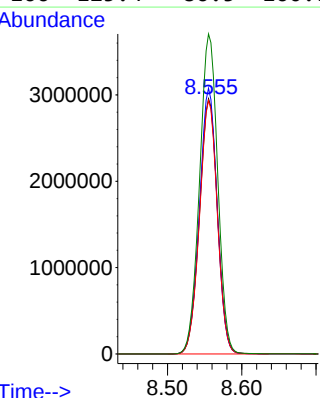
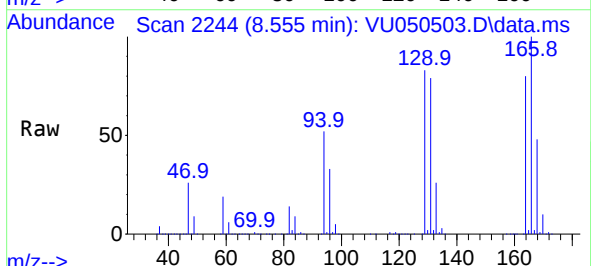
Ion Ratio Lower Upper

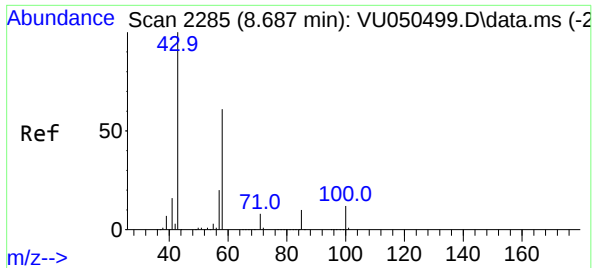
164 100

129 104.1 68.0 126.4

131 99.4 65.4 121.4

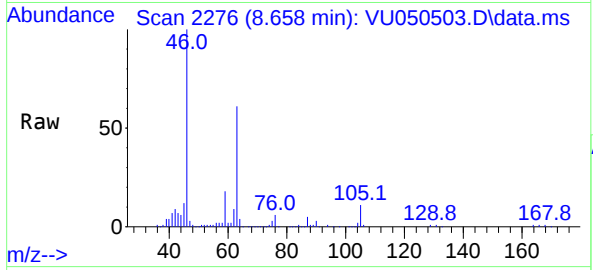
166 125.4 86.5 160.7





#48
2-Hexanone
Concen: 8.048 ug/L
RT: 8.658 min Scan# 21
Delta R.T. -0.029 min
Lab File: VU050503.D
Acq: 29 Aug 2022 23:04

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 43 Resp: 27281

Ion	Ratio	Lower	Upper
43	100		
58	40.6	47.9	71.9#
57	28.2	15.4	23.0#
100	0.3	9.0	13.6#

