

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011722\
 Data File : VU046765.D
 Acq On : 17 Jan 2022 15:02
 Operator : SY/MD
 Sample : N1114-09ME
 Misc : 6.19g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 18 02:17:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM010522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 18 02:15:56 2022
 Response via : Initial Calibration

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

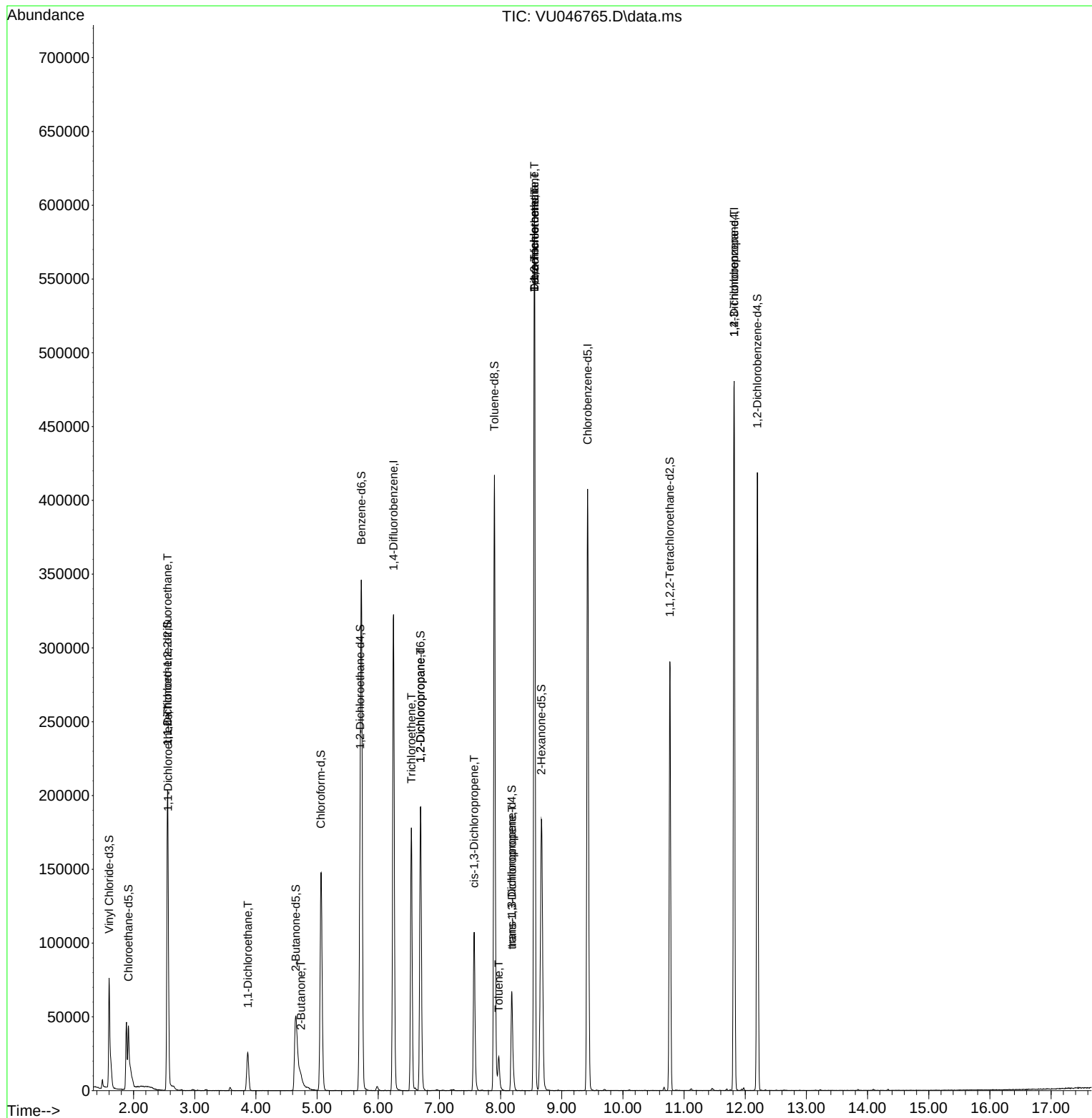
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	281226	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	274654	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	129984	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	81345	33.147	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	66.300%
7) Chloroethane-d5	1.915	69	53362	29.270	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	58.540%#
11) 1,1-Dichloroethene-d2	2.555	63	115936	27.777	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.560%#
21) 2-Butanone-d5	4.652	46	123570	68.799	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	68.800%
24) Chloroform-d	5.063	84	145182	33.559	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	67.120%#
26) 1,2-Dichloroethane-d4	5.703	65	101841	37.118	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	74.240%
32) Benzene-d6	5.726	84	311858	36.384	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	72.760%
36) 1,2-Dichloropropane-d6	6.690	67	94720	36.218	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	72.440%
41) Toluene-d8	7.899	98	286268	37.359	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	74.720%#
43) trans-1,3-Dichloroprop...	8.182	79	49189	39.040	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.080%
47) 2-Hexanone-d5	8.668	63	108350	77.985	ug/L	0.03
Spiked Amount	100.000	Range	45 - 130	Recovery	=	77.990%
56) 1,1,2,2-Tetrachloroeth...	10.767	84	143066	35.321	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	70.640%
66) 1,2-Dichlorobenzene-d4	12.198	152	111058	41.290	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.580%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.555	101	1049	0.530	ug/L #	20
12) 1,1-Dichloroethene	2.565	96	19758	10.607	ug/L #	1
19) 1,1-Dichloroethane	3.867	63	30273	8.524	ug/L	98
22) 2-Butanone	4.739	43	8137	4.176	ug/L	76
34) Trichloroethene	6.542	95	61764	28.824	ug/L	100
37) 1,2-Dichloropropane	6.690	63	10548	5.046	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	2859	0.889	ug/L #	65
42) Toluene	7.970	91	14139	1.641	ug/L	97
44) trans-1,3-Dichloropropene	8.185	75	2186	0.700	ug/L	83
45) 1,1,2-Trichloroethane	8.552	97	1164	0.545	ug/L #	1
46) Tetrachloroethene	8.555	164	137327	84.469	ug/L	98
49) Dibromochloromethane	8.552	129	131770	56.172	ug/L #	10
60) 1,2,3-Trichloropropane	11.819	75	14993	5.481	ug/L #	65

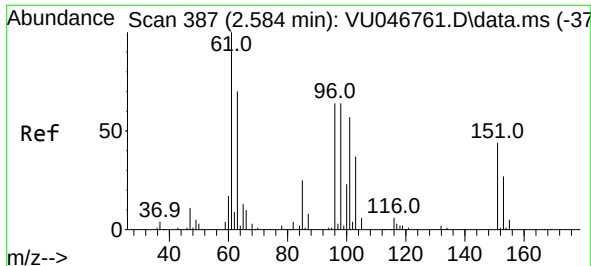
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Jan 18 02:15:56 2022
Response via : Initial Calibration

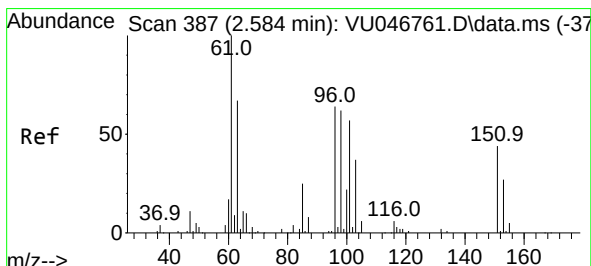
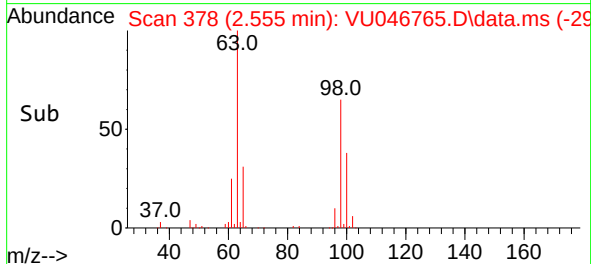
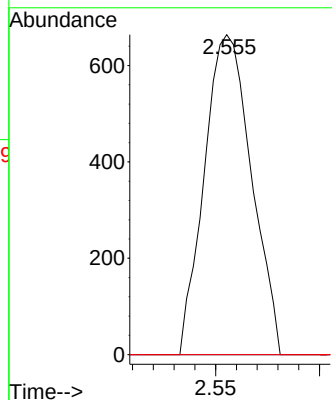
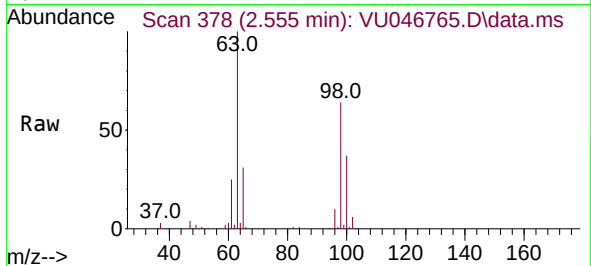




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.530 ug/L
 RT: 2.555 min Scan# 31
 Delta R.T. -0.029 min
 Lab File: VU046765.D
 Acq: 17 Jan 2022 15:02

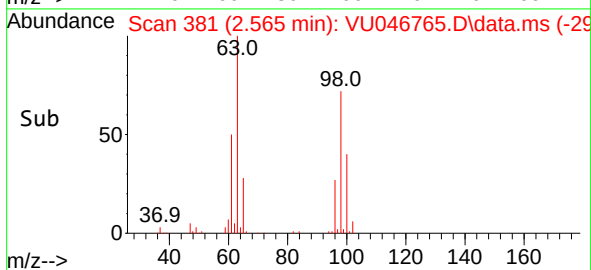
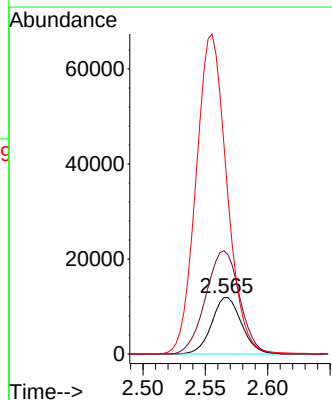
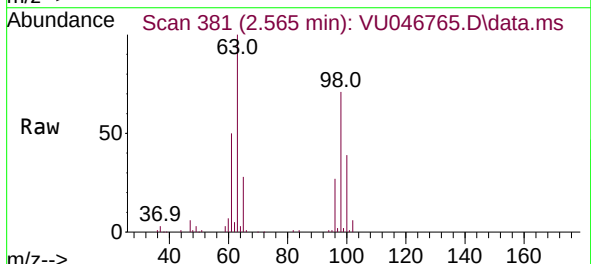
Instrument :
 MSVOA_U
 ClientSampleId :

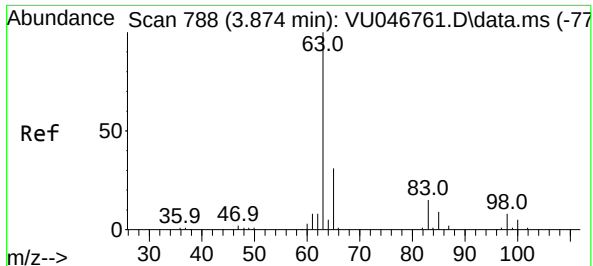
Tgt Ion:101 Resp: 1049
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.9 52.3#
 151 0.0 58.3 87.5#



#12
 1,1-Dichloroethene
 Concen: 10.607 ug/L
 RT: 2.565 min Scan# 381
 Delta R.T. -0.019 min
 Lab File: VU046765.D
 Acq: 17 Jan 2022 15:02

Tgt Ion: 96 Resp: 19758
 Ion Ratio Lower Upper
 96 100
 61 183.0 114.9 213.3
 63 368.6 86.0 159.8#





#19

1,1-Dichloroethane

Concen: 8.524 ug/L

RT: 3.867 min Scan# 71

Delta R.T. -0.006 min

Lab File: VU046765.D

Acq: 17 Jan 2022 15:02

Instrument :

MSVOA_U

ClientSampleId :

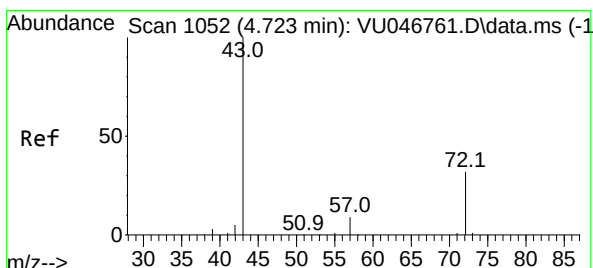
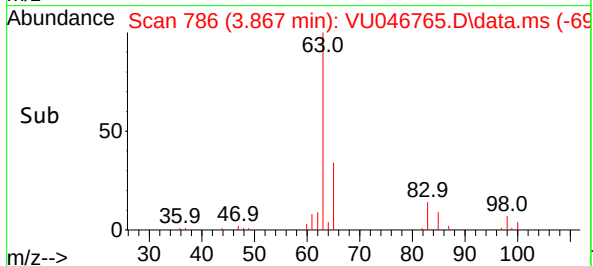
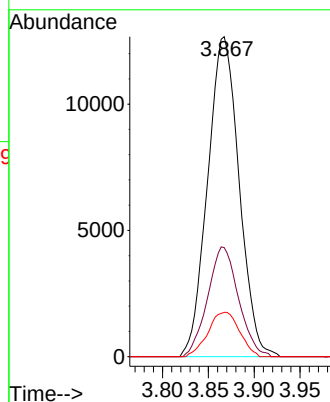
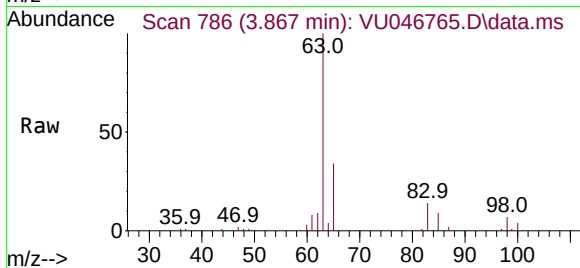
Tgt Ion: 63 Resp: 30273

Ion Ratio Lower Upper

63 100

65 34.1 22.8 42.4

83 13.9 9.6 17.8



#22

2-Butanone

Concen: 4.176 ug/L

RT: 4.739 min Scan# 1057

Delta R.T. 0.016 min

Lab File: VU046765.D

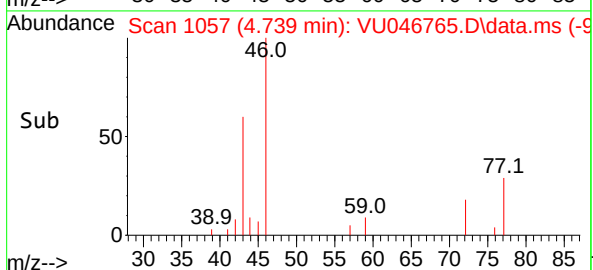
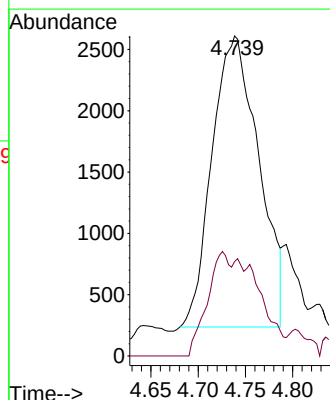
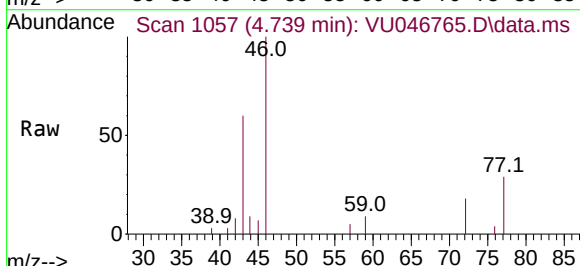
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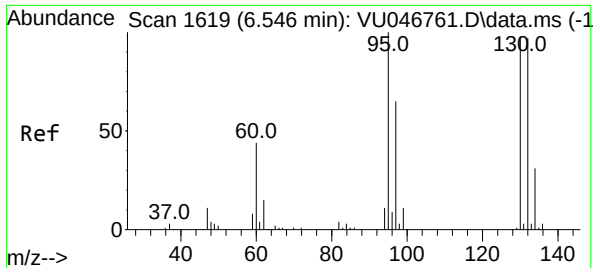
Tgt Ion: 43 Resp: 8137

Ion Ratio Lower Upper

43 100

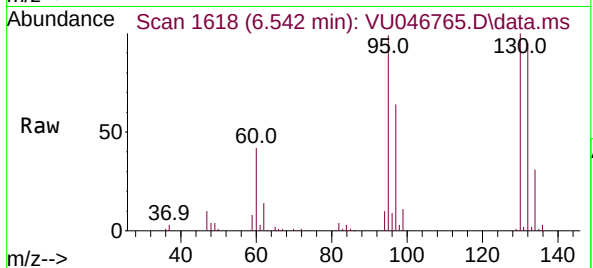
72 17.9 15.6 46.8





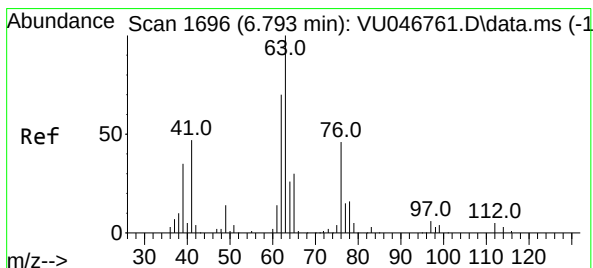
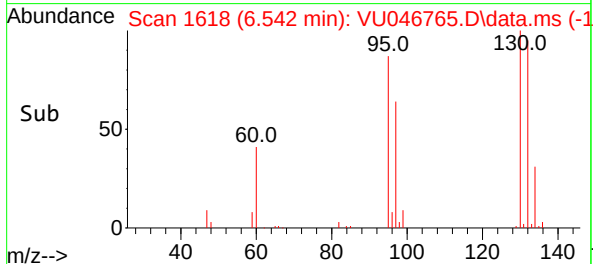
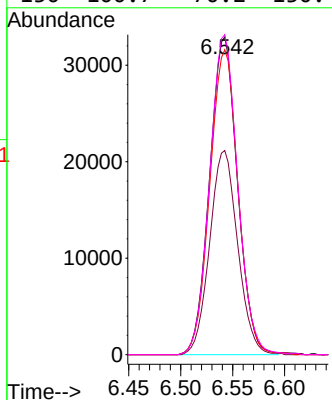
#34
 Trichloroethene
 Concen: 28.824 ug/L
 RT: 6.542 min Scan# 1618
 Delta R.T. -0.003 min
 Lab File: VU046765.D
 Acq: 17 Jan 2022 15:02

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 95 Resp: 61764

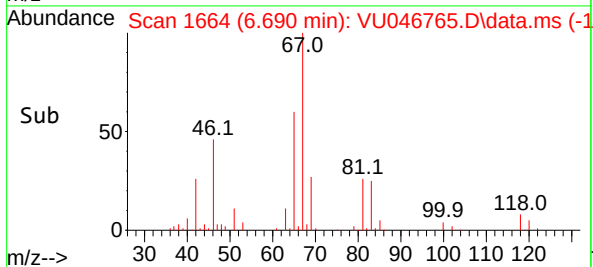
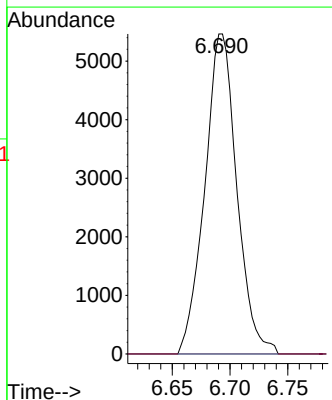
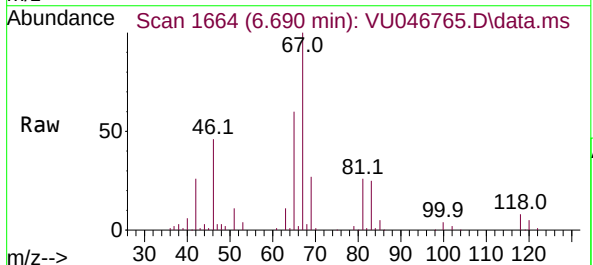
Ion	Ratio	Lower	Upper
95	100		
97	64.3	45.1	83.7
132	96.0	66.7	123.9
130	100.7	70.2	130.4

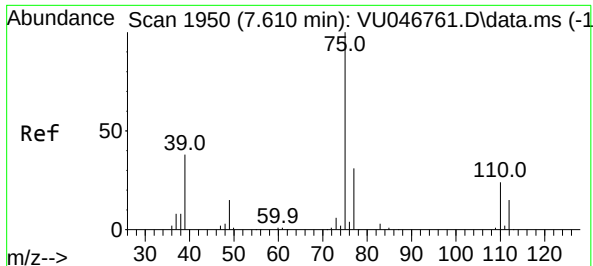


#37
 1,2-Dichloropropane
 Concen: 5.046 ug/L
 RT: 6.690 min Scan# 1664
 Delta R.T. -0.103 min
 Lab File: VU046765.D
 Acq: 17 Jan 2022 15:02

Tgt Ion: 63 Resp: 10548

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.7	5.5#





#39

cis-1,3-Dichloropropene

Concen: 0.889 ug/L

RT: 7.568 min Scan# 1950

Delta R.T. -0.042 min

Lab File: VU046765.D

Acq: 17 Jan 2022 15:02

Instrument :

MSVOA_U

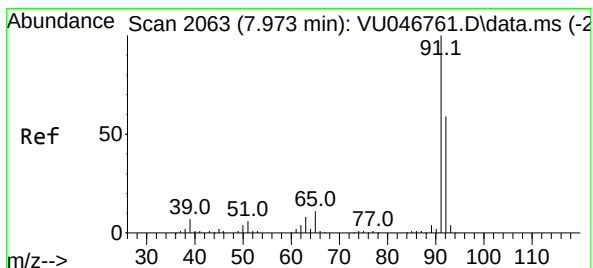
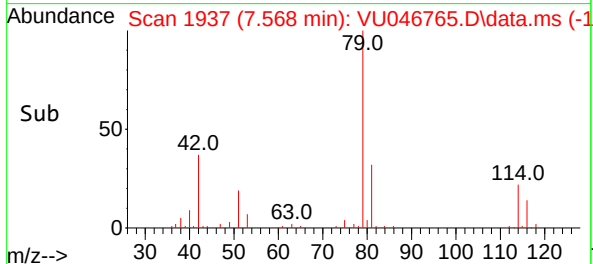
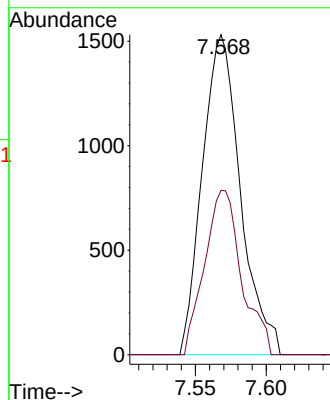
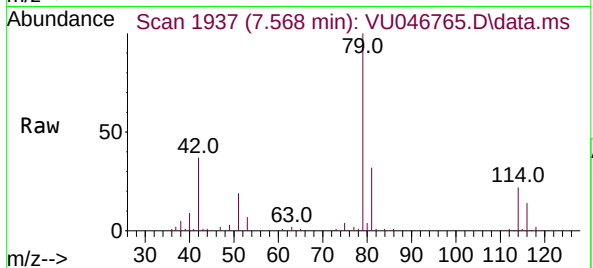
ClientSampleId :

Tgt Ion: 75 Resp: 2859

Ion Ratio Lower Upper

75 100

77 51.3 22.3 41.3#



#42

Toluene

Concen: 1.641 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.003 min

Lab File: VU046765.D

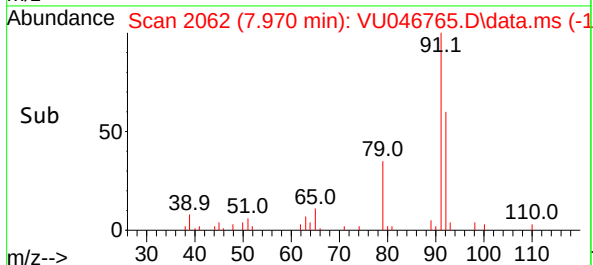
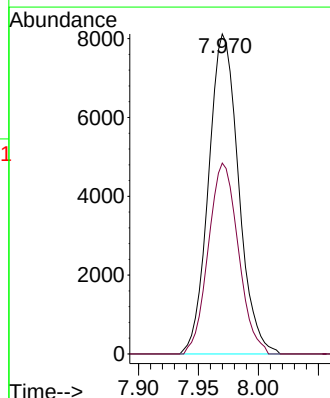
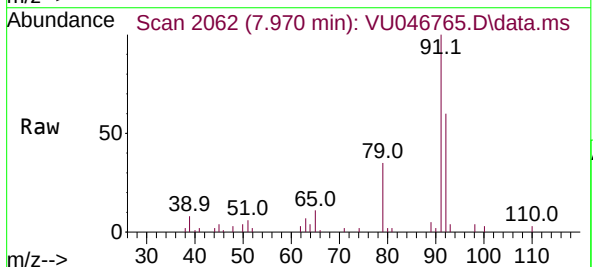
Acq: 17 Jan 2022 15:02

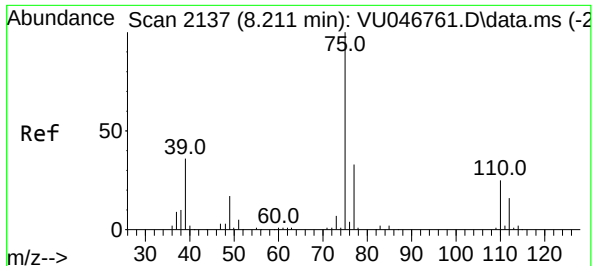
Tgt Ion: 91 Resp: 14139

Ion Ratio Lower Upper

91 100

92 59.6 40.4 75.0

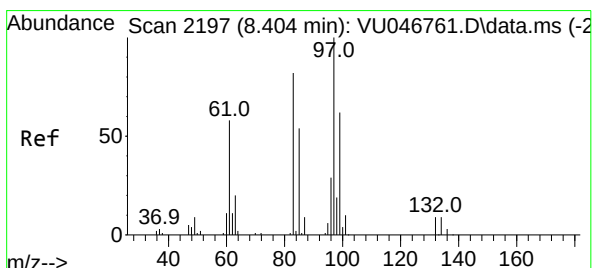
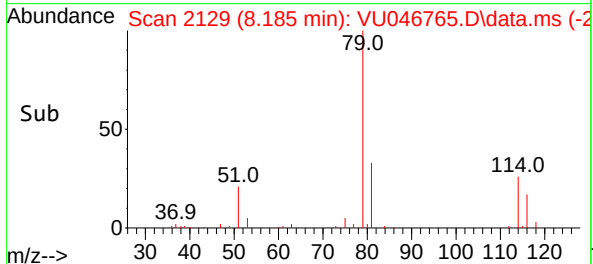
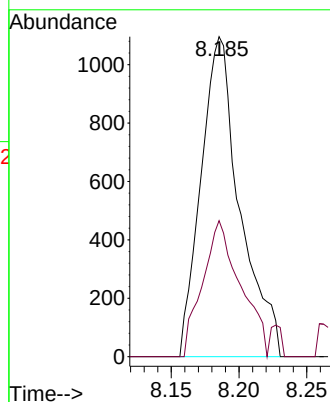
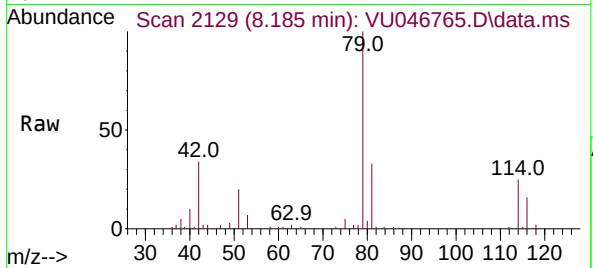




#44
trans-1,3-Dichloropropene
Concen: 0.700 ug/L
RT: 8.185 min Scan# 2137
Delta R.T. -0.026 min
Lab File: VU046765.D
Acq: 17 Jan 2022 15:02

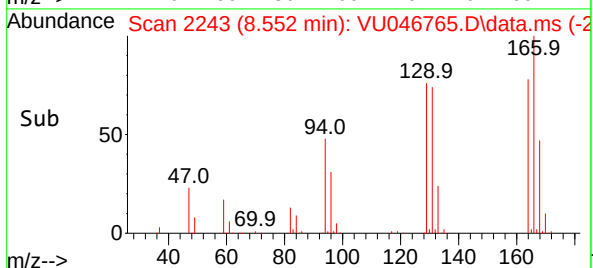
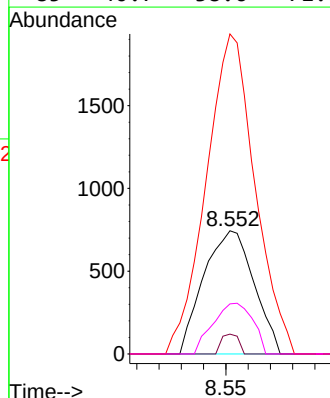
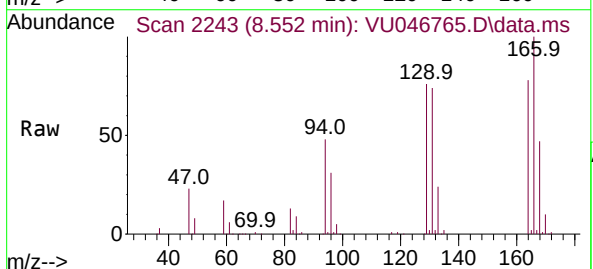
Instrument :
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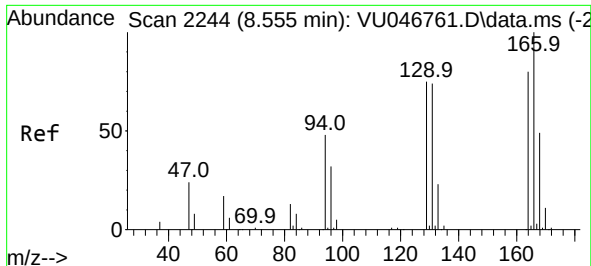
Tgt Ion: 75 Resp: 2186
Ion Ratio Lower Upper
75 100
77 42.5 23.0 42.8



#45
1,1,2-Trichloroethane
Concen: 0.545 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.148 min
Lab File: VU046765.D
Acq: 17 Jan 2022 15:02

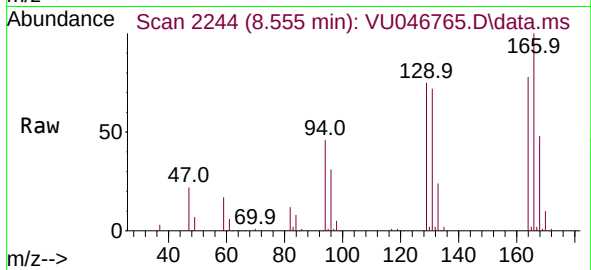
Tgt Ion: 97 Resp: 1164
Ion Ratio Lower Upper
97 100
99 16.1 42.4 78.8#
83 259.8 59.4 110.4#
85 40.7 38.6 71.8



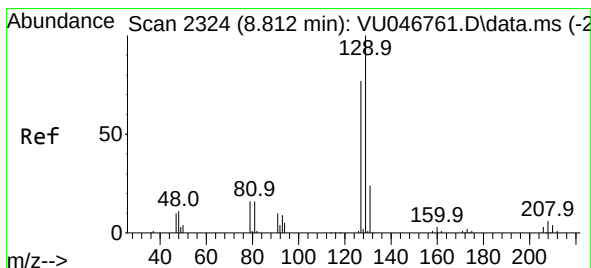
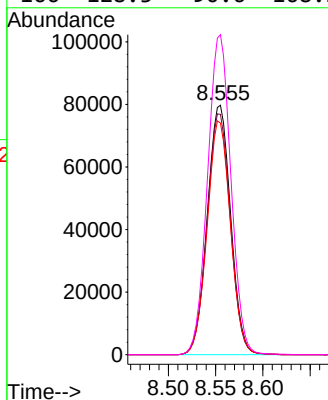
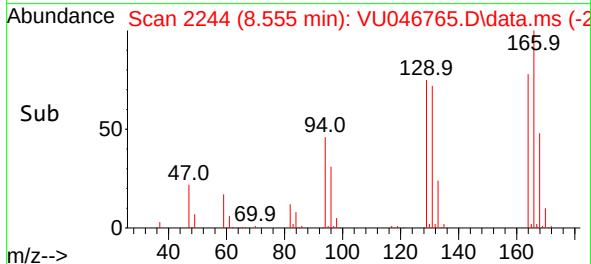


#46
Tetrachloroethene
Concen: 84.469 ug/L
RT: 8.555 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU046765.D
Acq: 17 Jan 2022 15:02

Instrument :
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ClientSampleId :

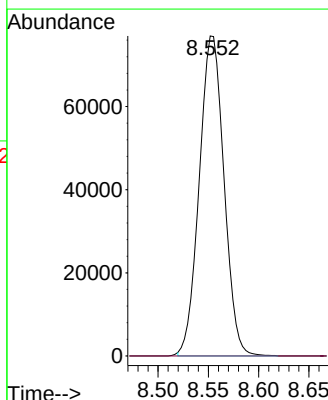
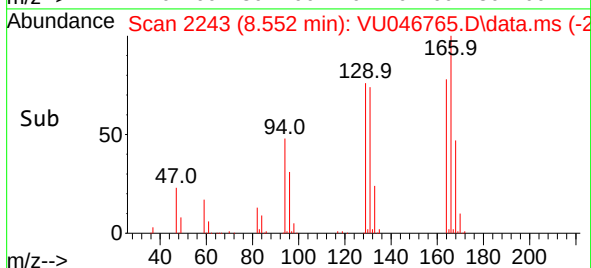
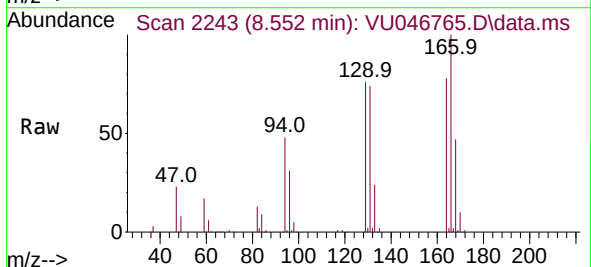


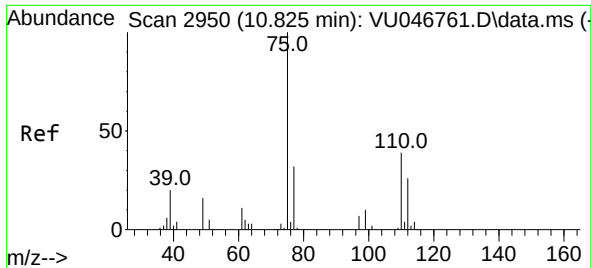
Tgt Ion:164 Resp: 137327
Ion Ratio Lower Upper
164 100
129 96.3 69.5 129.1
131 92.9 67.0 124.4
166 128.3 90.6 168.2



#49
Dibromochloromethane
Concen: 56.172 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.261 min
Lab File: VU046765.D
Acq: 17 Jan 2022 15:02

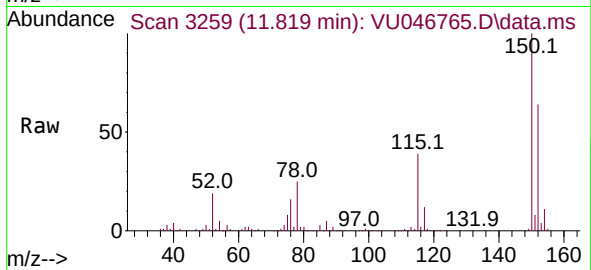
Tgt Ion:129 Resp: 131770
Ion Ratio Lower Upper
129 100
127 0.0 54.5 101.3#





#60
 1,2,3-Trichloropropane
 Concen: 5.481 ug/L
 RT: 11.819 min Scan# 31
 Delta R.T. 0.993 min
 Lab File: VU046765.D
 Acq: 17 Jan 2022 15:02

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 14993
 Ion Ratio Lower Upper
 75 100
 77 33.4 26.2 39.2
 110 2.2 32.5 48.7#

