

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010522\
 Data File : VU046670.D
 Acq On : 05 Jan 2022 18:22
 Operator : SY/MD
 Sample : N1025-01
 Misc : 6.13g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 14 Sample Multiplier: 1

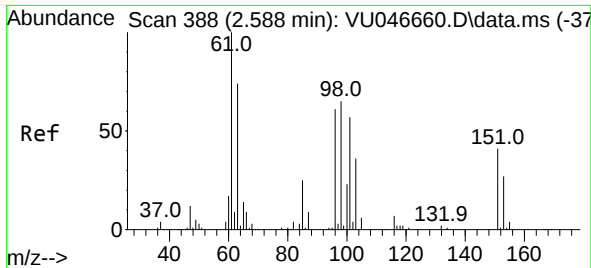
Instrument :
 MSVOA_U
 ClientSampleId :
 BGLG5

Quant Time: Jan 06 03:04:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM010522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 06 02:54:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	116550	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	121131	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	57286	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	67587	66.454	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	132.900%
7) Chloroethane-d5	1.919	69	46578	61.648	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	123.300%
11) 1,1-Dichloroethene-d2	2.555	63	88406	51.108	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.220%
21) 2-Butanone-d5	4.652	46	94420	126.846	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	126.850%
24) Chloroform-d	5.063	84	114259	63.728	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	127.460%#
26) 1,2-Dichloroethane-d4	5.703	65	81111	71.333	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	142.660%#
32) Benzene-d6	5.726	84	241621	63.917	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	127.840%#
36) 1,2-Dichloropropane-d6	6.690	67	73967	64.129	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	128.260%#
41) Toluene-d8	7.899	98	221097	65.424	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	130.840%#
43) trans-1,3-Dichloroprop...	8.182	79	37978	68.345	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	136.700%#
47) 2-Hexanone-d5	8.668	63	80354	131.136	ug/L	0.03
Spiked Amount	100.000	Range	45 - 130	Recovery	=	131.140%#
56) 1,1,2,2-Tetrachloroeth...	10.767	84	115310	64.550	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	129.100%#
66) 1,2-Dichlorobenzene-d4	12.198	152	87473	73.793	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	147.580%#
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.552	101	798	0.973	ug/L #	20
12) 1,1-Dichloroethene	2.555	96	612	0.793	ug/L #	1
16) Methylene chloride	3.047	84	1062	1.117	ug/L	83
22) 2-Butanone	4.739	43	7700	9.534	ug/L #	48
25) Chloroform	5.089	83	7087	4.408	ug/L	99
35) Methylcyclohexane	6.690	83	18459	12.578	ug/L #	21
37) 1,2-Dichloropropane	6.690	63	8503	9.223	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	2240	1.579	ug/L #	69
44) trans-1,3-Dichloropropene	8.182	75	1704	1.238	ug/L #	76
48) 2-Hexanone	8.668	43	8710	8.153	ug/L #	53
60) 1,2,3-Trichloropropane	11.816	75	6576	5.455	ug/L #	64

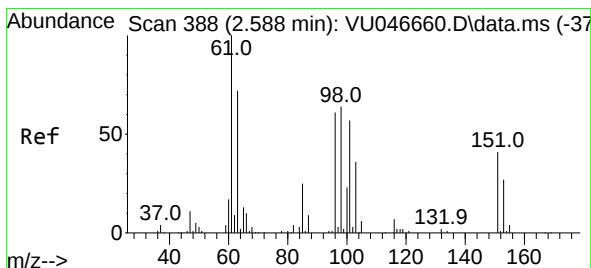
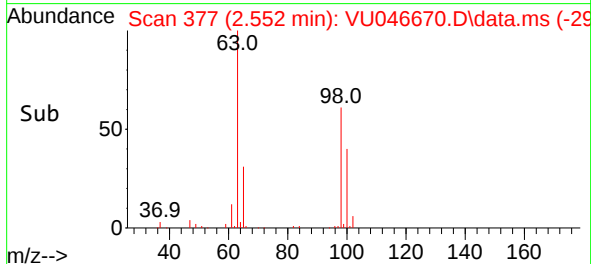
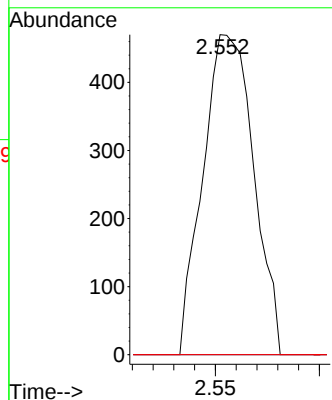
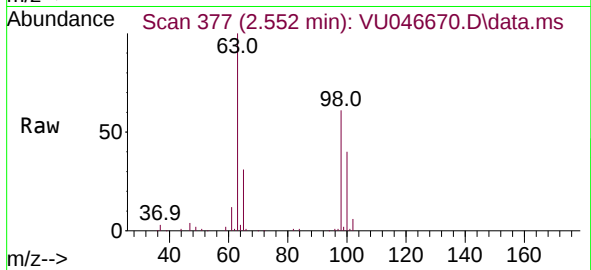
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.973 ug/L
RT: 2.552 min Scan# 318
Delta R.T. -0.035 min
Lab File: VU046670.D
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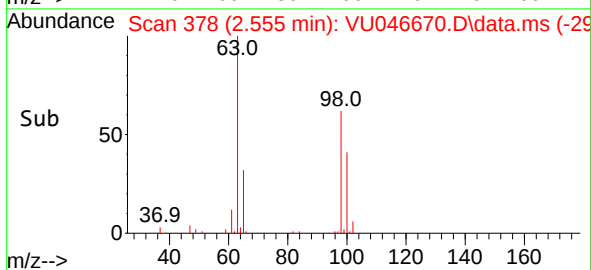
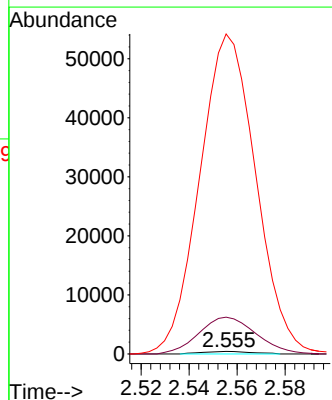
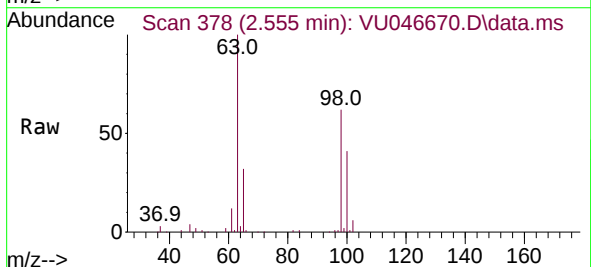
Instrument :
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BGLG5

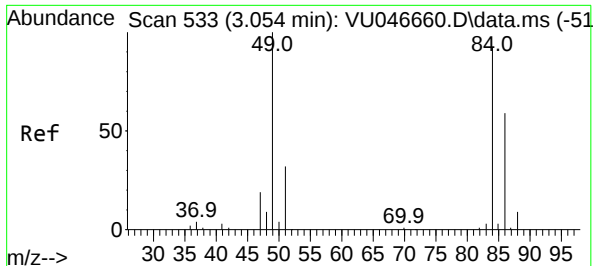
Tgt Ion:101 Resp: 798
Ion Ratio Lower Upper
101 100
85 0.0 34.9 52.3#
151 0.0 58.3 87.5#



#12
1,1-Dichloroethene
Concen: 0.793 ug/L
RT: 2.555 min Scan# 378
Delta R.T. -0.032 min
Lab File: VU046670.D
Acq: 05 Jan 2022 18:22

Tgt Ion: 96 Resp: 612
Ion Ratio Lower Upper
96 100
61 1448.3 114.9 213.3#
63 12575.4 86.0 159.8#

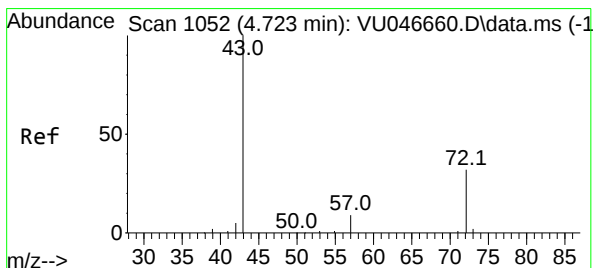
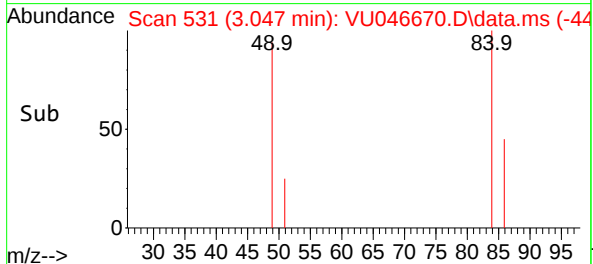
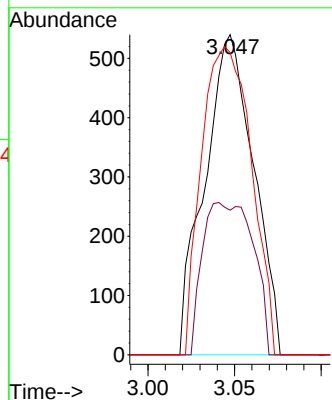
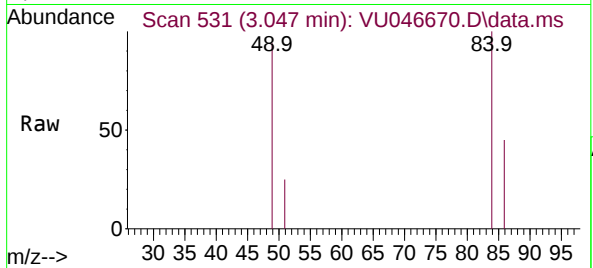




#16
Methylene chloride
Concen: 1.117 ug/L
RT: 3.047 min Scan# 51
Delta R.T. -0.006 min
Lab File: VU046670.D
Acq: 05 Jan 2022 18:22

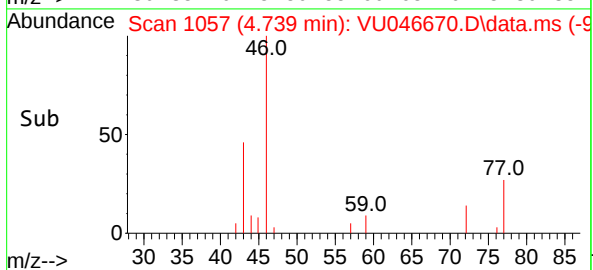
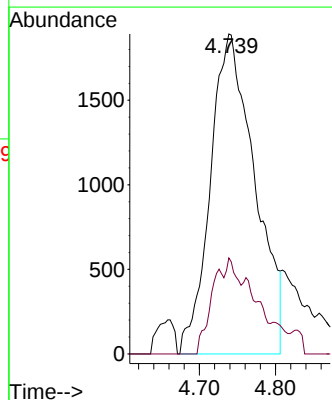
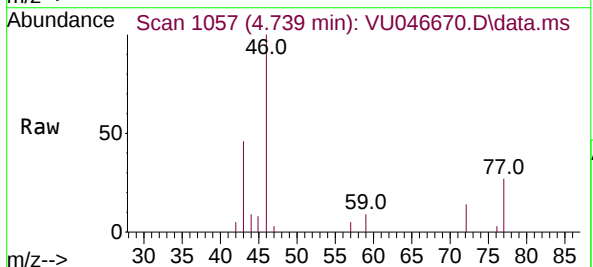
Instrument :
MSVOA_U
ClientSampleId :
BGLG5

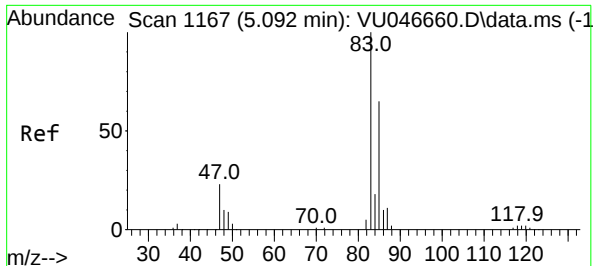
Tgt Ion: 84 Resp: 1062
Ion Ratio Lower Upper
84 100
86 45.2 44.7 82.9
49 94.4 75.9 141.1



#22
2-Butanone
Concen: 9.534 ug/L
RT: 4.739 min Scan# 1057
Delta R.T. 0.016 min
Lab File: VU046670.D
Acq: 05 Jan 2022 18:22

Tgt Ion: 43 Resp: 7700
Ion Ratio Lower Upper
43 100
72 2.7 15.6 46.8#





#25

Chloroform

Concen: 4.408 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. -0.003 min

Lab File: VU046670.D

Acq: 05 Jan 2022 18:22

Instrument :

MSVOA_U

ClientSampleId :

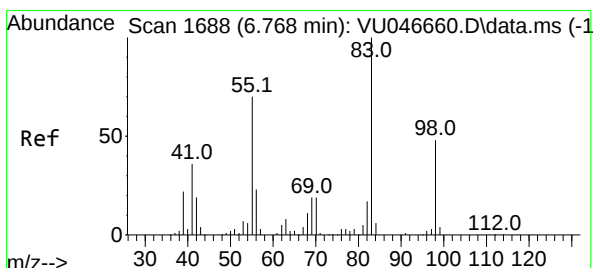
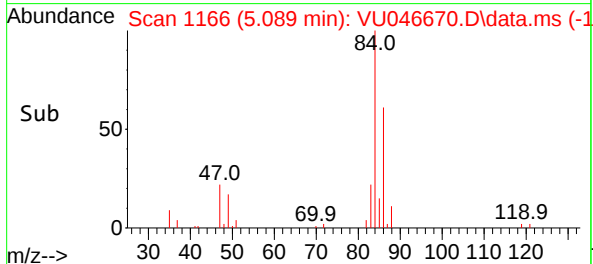
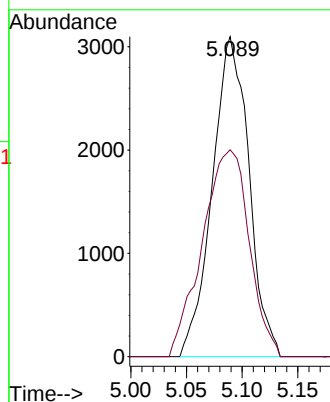
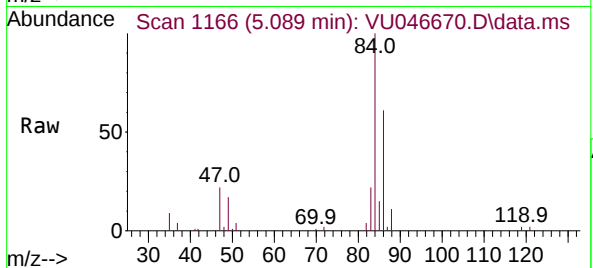
BGLG5

Tgt Ion: 83 Resp: 7087

Ion Ratio Lower Upper

83 100

85 64.7 45.7 84.9



#35

Methylcyclohexane

Concen: 12.578 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.077 min

Lab File: VU046670.D

Acq: 05 Jan 2022 18:22

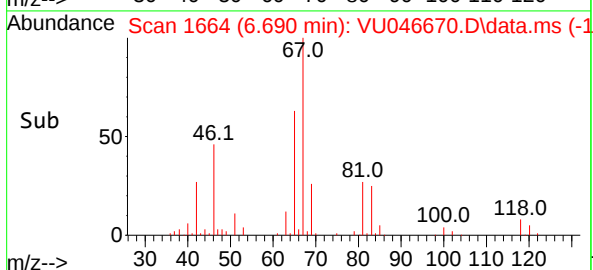
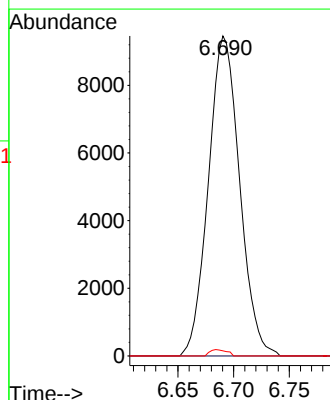
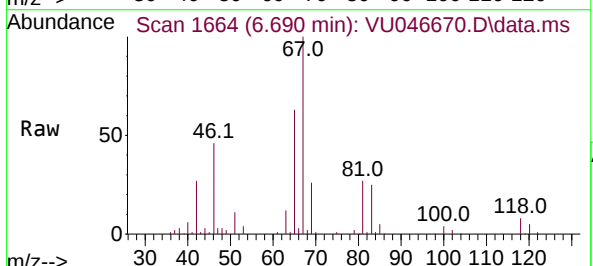
Tgt Ion: 83 Resp: 18459

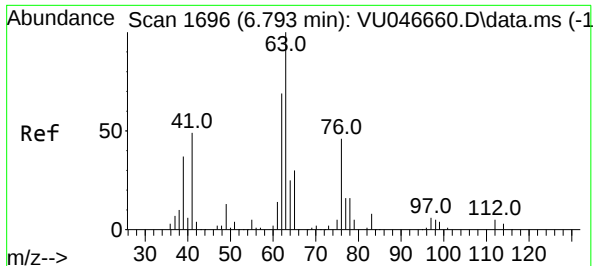
Ion Ratio Lower Upper

83 100

55 0.0 56.6 85.0#

98 1.1 38.4 57.6#





#37

1,2-Dichloropropane

Concen: 9.223 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU046670.D

Acq: 05 Jan 2022 18:22

Instrument :

MSVOA_U

ClientSampleId :

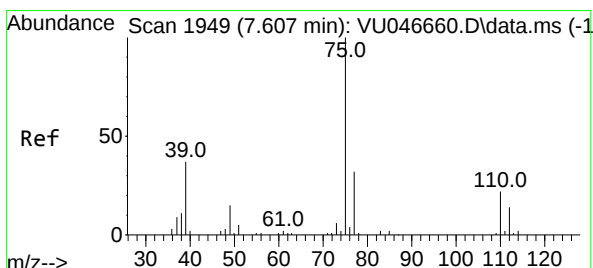
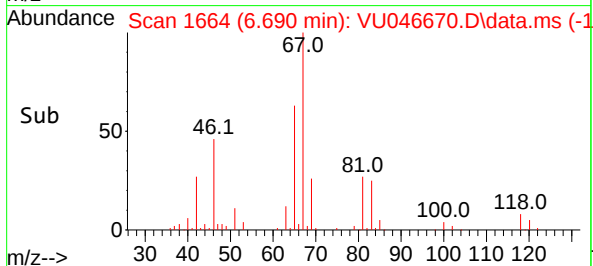
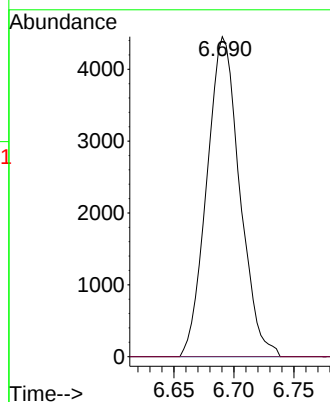
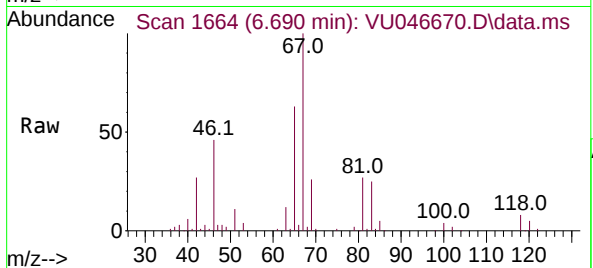
BGLG5

Tgt Ion: 63 Resp: 8503

Ion Ratio Lower Upper

63 100

112 0.0 3.7 5.5#



#39

cis-1,3-Dichloropropene

Concen: 1.579 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.039 min

Lab File: VU046670.D

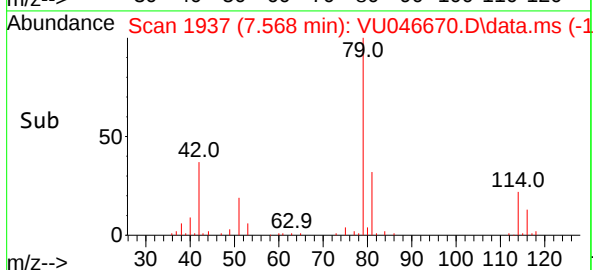
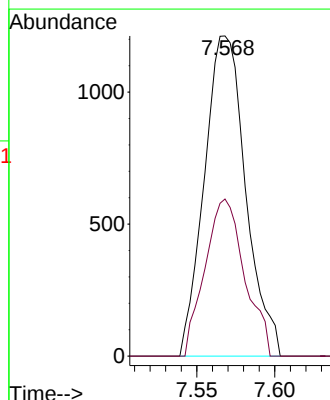
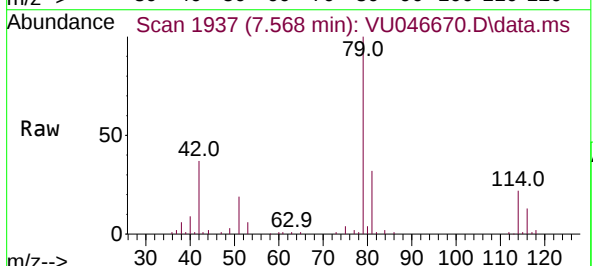
Acq: 05 Jan 2022 18:22

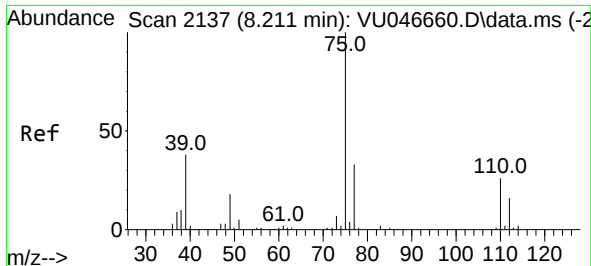
Tgt Ion: 75 Resp: 2240

Ion Ratio Lower Upper

75 100

77 49.1 22.3 41.3#

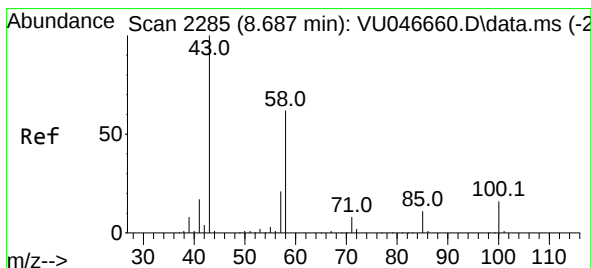
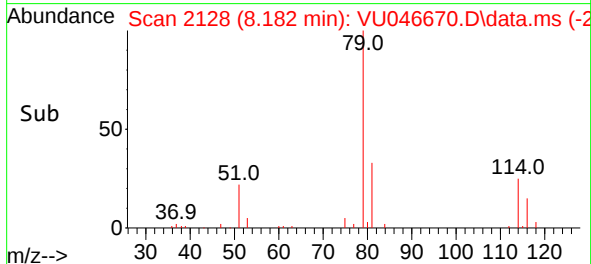
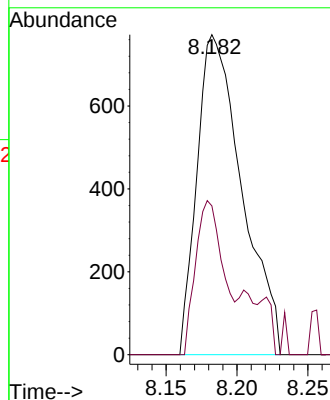
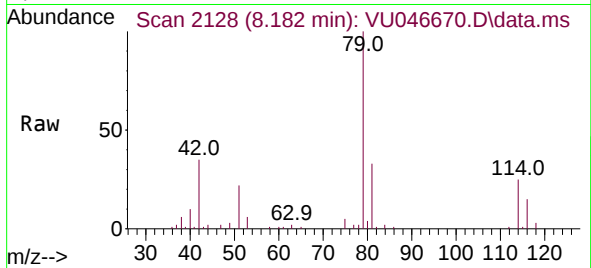




#44
trans-1,3-Dichloropropene
Concen: 1.238 ug/L
RT: 8.182 min Scan# 2137
Delta R.T. -0.029 min
Lab File: VU046670.D
Acq: 05 Jan 2022 18:22

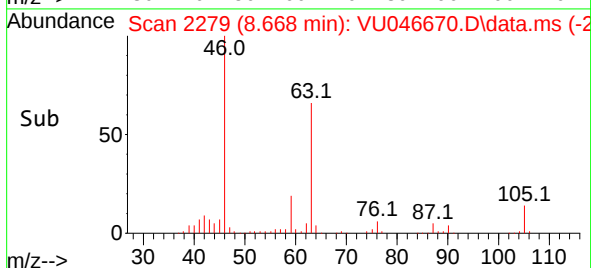
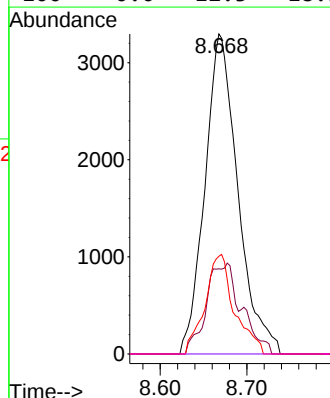
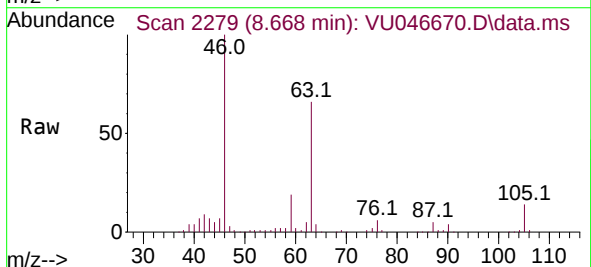
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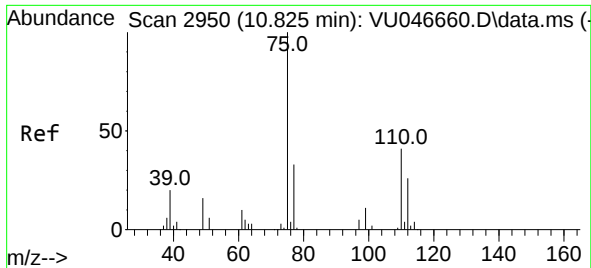
Tgt Ion: 75 Resp: 1704
Ion Ratio Lower Upper
75 100
77 46.5 23.0 42.8#



#48
2-Hexanone
Concen: 8.153 ug/L
RT: 8.668 min Scan# 2279
Delta R.T. -0.019 min
Lab File: VU046670.D
Acq: 05 Jan 2022 18:22

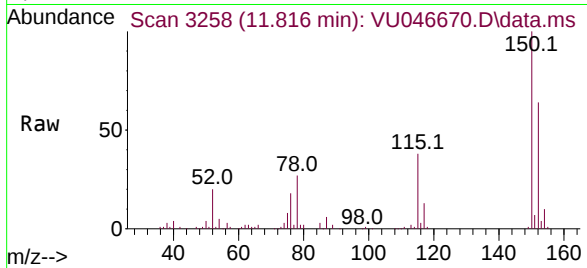
Tgt Ion: 43 Resp: 8710
Ion Ratio Lower Upper
43 100
58 14.2 49.4 74.2#
57 27.7 17.5 26.3#
100 0.0 12.3 18.5#





#60
 1,2,3-Trichloropropane
 Concen: 5.455 ug/L
 RT: 11.816 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU046670.D
 Acq: 05 Jan 2022 18:22

Instrument :
 MSVOA_U
 ClientSampleId :
 BGLG5



Tgt Ion: 75 Resp: 6576
 Ion Ratio Lower Upper
 75 100
 77 33.8 26.2 39.2
 110 1.7 32.5 48.7#

