

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U072522\
 Data File : U049889.D
 Acq On : 26 Jul 2022 01:02
 Operator : SY/MD
 Sample : N3870-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

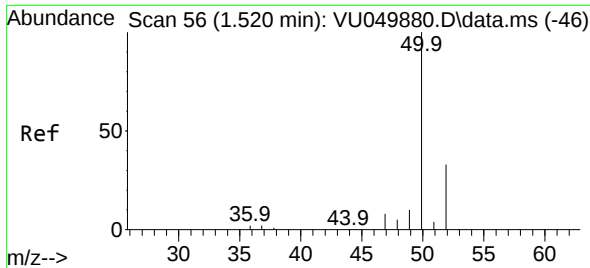
Instrument :
 MSVOA_U
 ClientSampleId :
 GBJ05

Quant Time: Jul 26 06:48:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jul 26 06:46:04 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	85672	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	83292	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	34222	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	30475	4.394	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.800%
7) Chloroethane-d5	1.912	69	28019	4.827	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.600%
11) 1,1-Dichloroethene-d2	2.565	65	14060	4.542	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.800%
20) 2-Butanone-d5	4.636	46	130571	52.321	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.640%
24) Chloroform-d	5.067	84	71935	4.657	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
26) 1,2-Dichloroethane-d4	5.703	65	42118	4.650	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.000%
32) Benzene-d6	5.729	84	132191	4.657	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
36) 1,2-Dichloropropane-d6	6.693	67	48484	4.945	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.800%
41) Toluene-d8	7.899	98	102681	4.139	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.800%
43) trans-1,3-Dichloroprop...	8.182	79	14340	4.028	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.600%
46) 2-Hexanone-d5	8.636	63	64335	45.606	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.220%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	40949	4.973	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.400%
66) 1,2-Dichlorobenzene-d4	12.195	152	36566	5.177	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.600%
Target Compounds						Qvalue
3) Chloromethane	1.520	50	1807	0.162	ug/L	99
5) Vinyl chloride	1.600	62	801	0.086	ug/L #	41
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	806	0.144	ug/L #	44
22) cis-1,2-Dichloroethene	4.658	96	806	0.106	ug/L	90
34) Trichloroethene	6.546	95	5605	0.765	ug/L	98
35) Methylcyclohexane	6.690	83	10490	1.161	ug/L #	15
37) 1,2-Dichloropropane	6.693	63	5442	0.632	ug/L #	89
47) Tetrachloroethene	8.552	164	1611	0.319	ug/L	94
49) Dibromochloromethane	8.555	129	1750	0.255	ug/L #	14
61) 1,2,3-Trichloropropane	11.812	75	4532	0.994	ug/L #	67
62) 1,3,5-Trimethylbenzene	11.465	105	2094	0.109	ug/L	89
63) 1,2,4-Trimethylbenzene	11.465	105	2094	0.113	ug/L	95

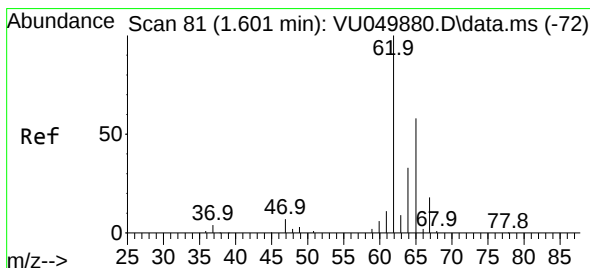
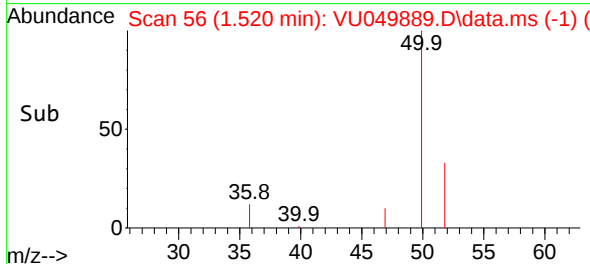
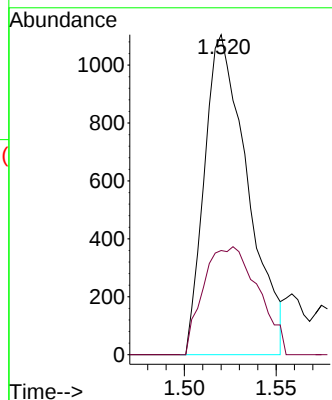
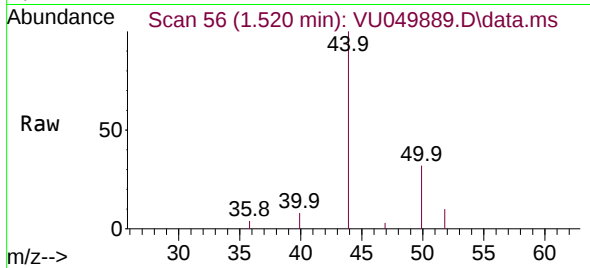
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#3
Chloromethane
Concen: 0.162 ug/L
RT: 1.520 min Scan# 50
Delta R.T. -0.000 min
Lab File: VU049889.D
Acq: 26 Jul 2022 01:02

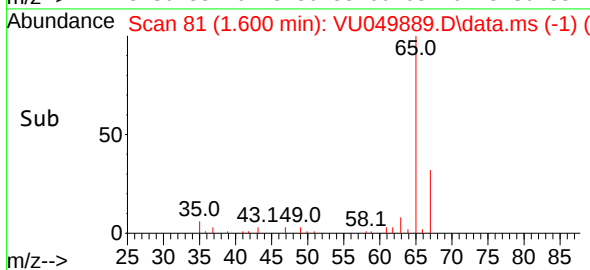
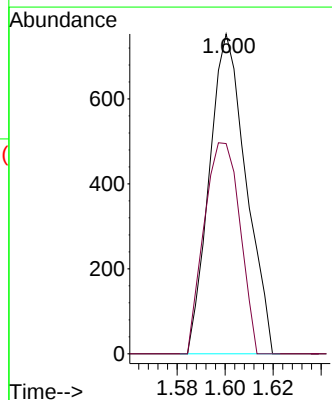
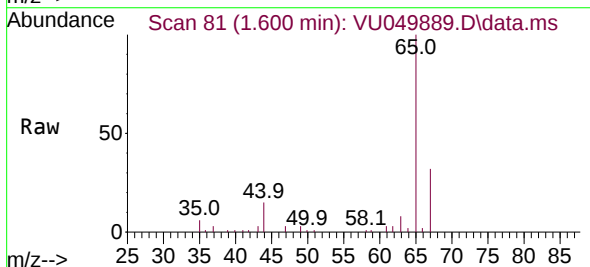
Instrument :
MSVOA_U
ClientSampleId :
GBJ05

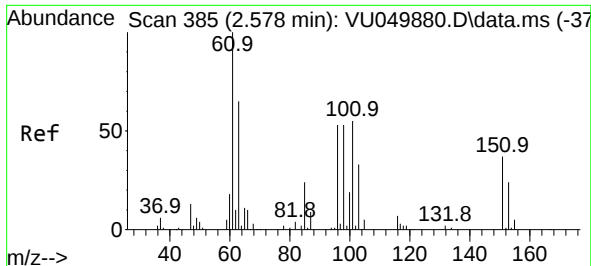
Tgt Ion: 50 Resp: 1807
Ion Ratio Lower Upper
50 100
52 32.6 22.5 41.7



#5
Vinyl chloride
Concen: 0.086 ug/L
RT: 1.600 min Scan# 81
Delta R.T. -0.000 min
Lab File: VU049889.D
Acq: 26 Jul 2022 01:02

Tgt Ion: 62 Resp: 801
Ion Ratio Lower Upper
62 100
64 65.7 22.7 42.3#





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.144 ug/L

RT: 2.571 min Scan# 31

Delta R.T. -0.007 min

Lab File: VU049889.D

Acq: 26 Jul 2022 01:02

Instrument :

MSVOA_U

ClientSampleId :

GBJ05

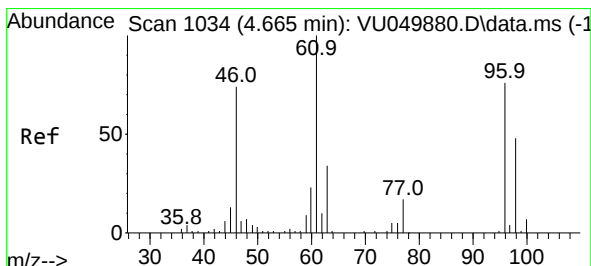
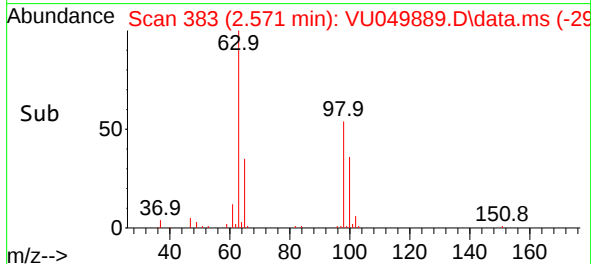
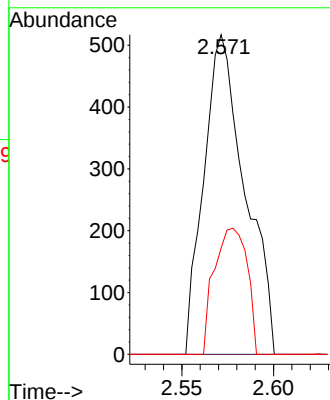
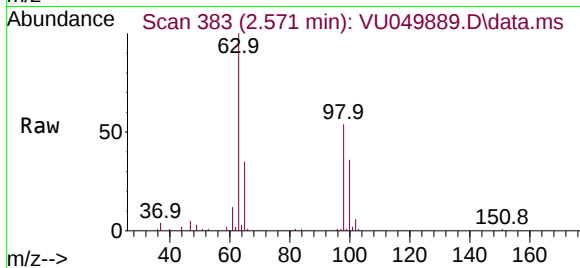
Tgt Ion:101 Resp: 806

Ion Ratio Lower Upper

101 100

85 0.0 37.2 55.8#

151 31.5 56.0 84.0#



#22

cis-1,2-Dichloroethene

Concen: 0.106 ug/L

RT: 4.658 min Scan# 1032

Delta R.T. -0.007 min

Lab File: VU049889.D

Acq: 26 Jul 2022 01:02

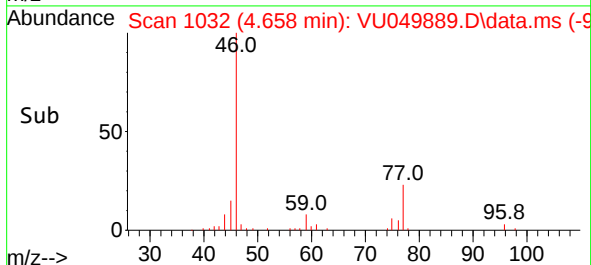
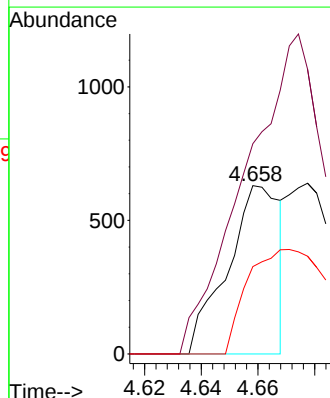
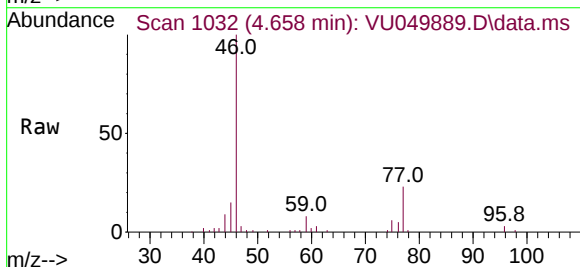
Tgt Ion: 96 Resp: 806

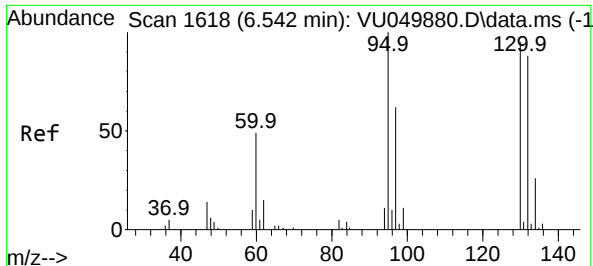
Ion Ratio Lower Upper

96 100

61 124.9 93.9 174.3

98 51.9 43.9 81.5



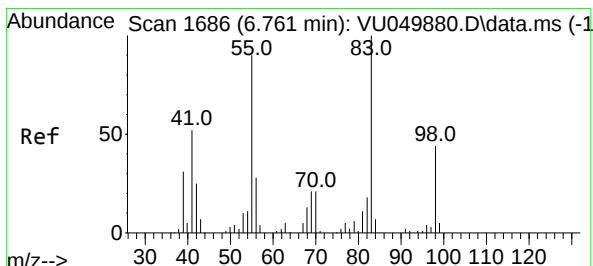
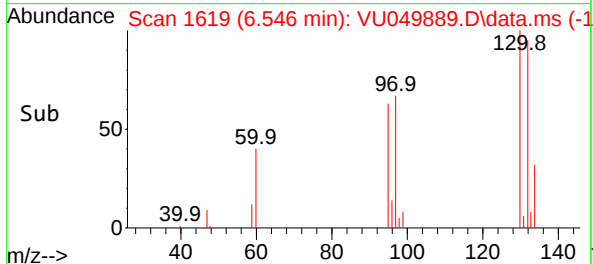
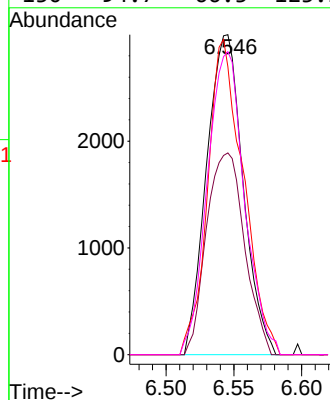
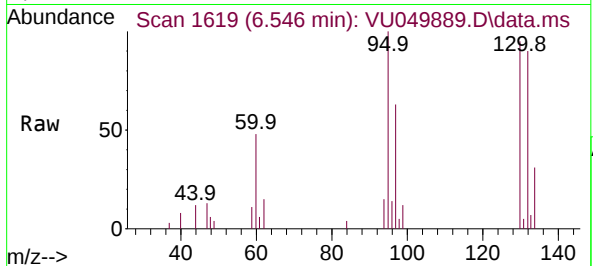


#34
Trichloroethene
Concen: 0.765 ug/L
RT: 6.546 min Scan# 1618
Delta R.T. 0.003 min
Lab File: VU049889.D
Acq: 26 Jul 2022 01:02

Instrument :
MSVOA_U
ClientSampleId :
GBJ05

Tgt Ion: 95 Resp: 5605

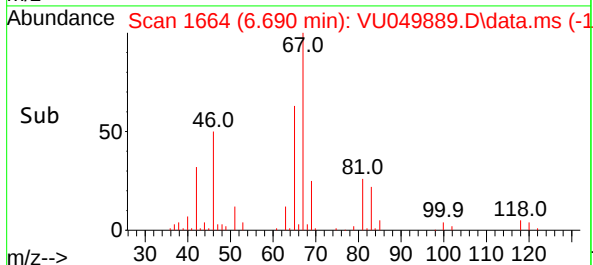
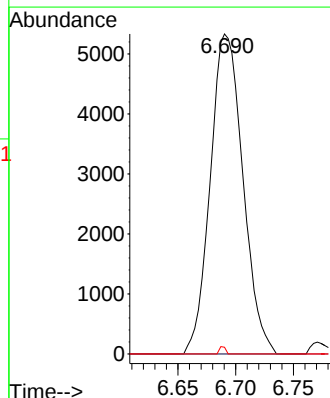
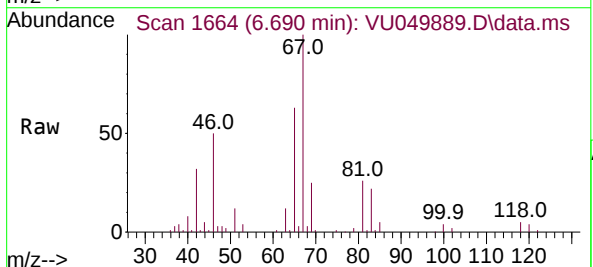
Ion	Ratio	Lower	Upper
95	100		
97	63.0	46.8	86.8
132	90.0	61.8	114.8
130	94.7	66.3	123.1

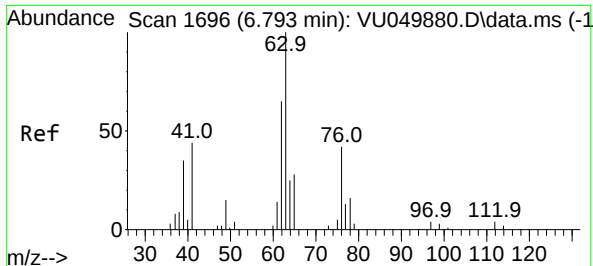


#35
Methylcyclohexane
Concen: 1.161 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.071 min
Lab File: VU049889.D
Acq: 26 Jul 2022 01:02

Tgt Ion: 83 Resp: 10490

Ion	Ratio	Lower	Upper
83	100		
55	0.0	69.0	103.4#
98	0.4	36.4	54.6#





#37

1,2-Dichloropropane

Concen: 0.632 ug/L

RT: 6.693 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU049889.D

Acq: 26 Jul 2022 01:02

Instrument :

MSVOA_U

ClientSampleId :

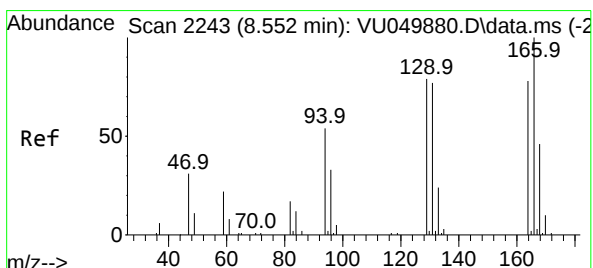
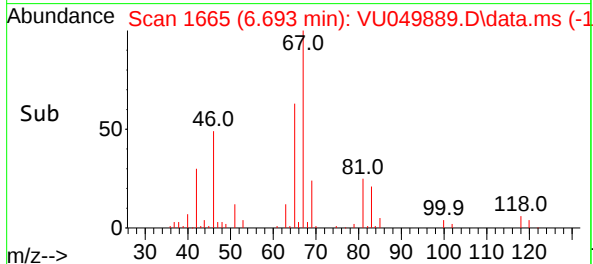
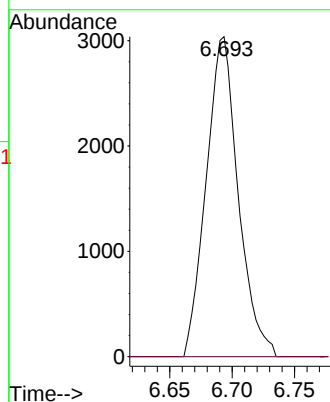
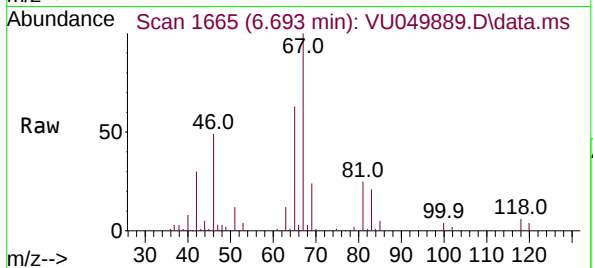
GBJ05

Tgt Ion: 63 Resp: 5442

Ion Ratio Lower Upper

63 100

112 0.0 2.8 4.2#



#47

Tetrachloroethene

Concen: 0.319 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. -0.000 min

Lab File: VU049889.D

Acq: 26 Jul 2022 01:02

Tgt Ion: 164 Resp: 1611

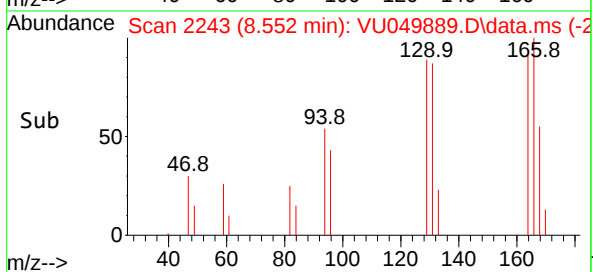
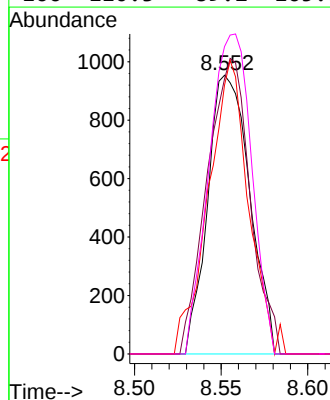
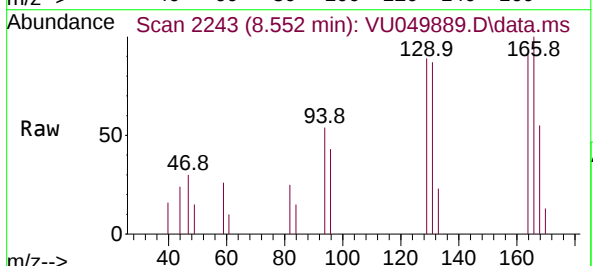
Ion Ratio Lower Upper

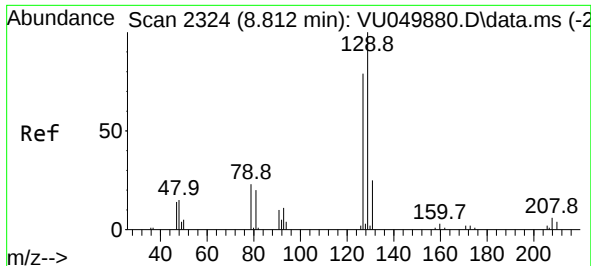
164 100

129 98.6 68.9 127.9

131 96.4 67.5 125.4

166 110.3 89.2 165.8





#49

Dibromochloromethane

Concen: 0.255 ug/L

RT: 8.555 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU049889.D

Acq: 26 Jul 2022 01:02

Instrument :

MSVOA_U

ClientSampleId :

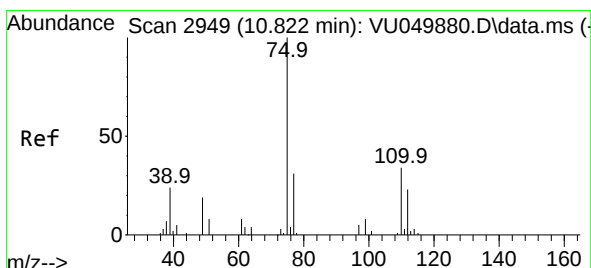
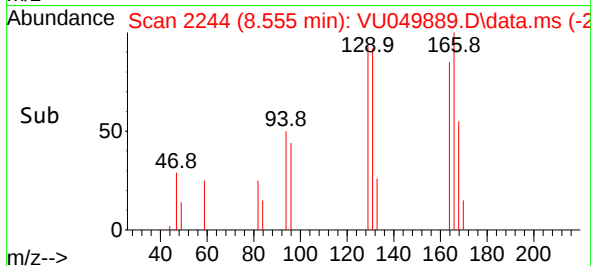
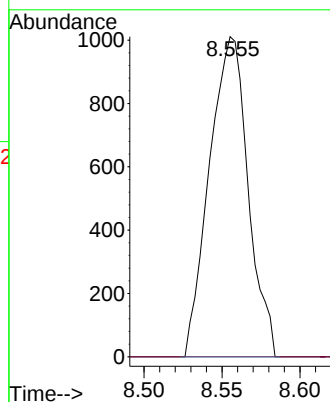
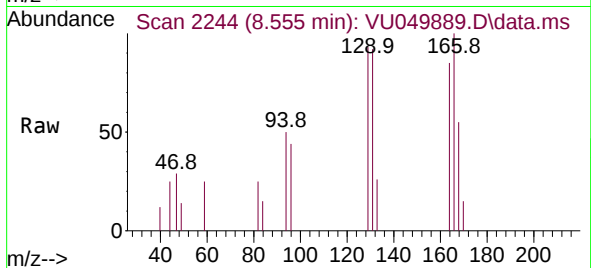
GBJ05

Tgt Ion:129 Resp: 1750

Ion Ratio Lower Upper

129 100

127 0.0 50.5 93.7#



#61

1,2,3-Trichloropropane

Concen: 0.994 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.990 min

Lab File: VU049889.D

Acq: 26 Jul 2022 01:02

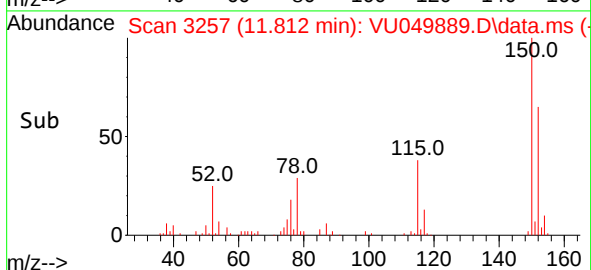
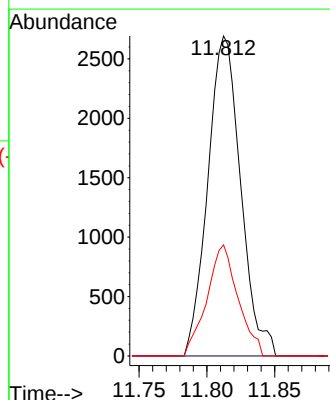
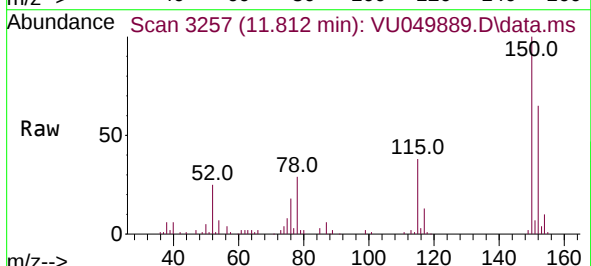
Tgt Ion: 75 Resp: 4532

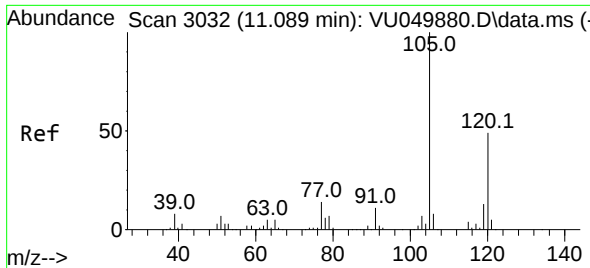
Ion Ratio Lower Upper

75 100

110 0.0 28.0 42.0#

77 32.9 25.4 38.2

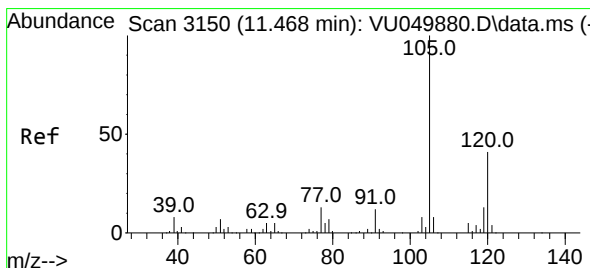
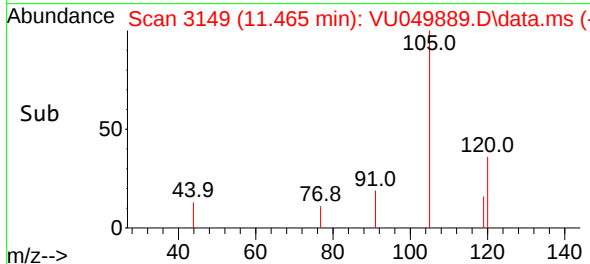
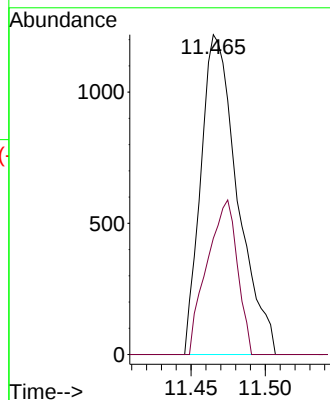
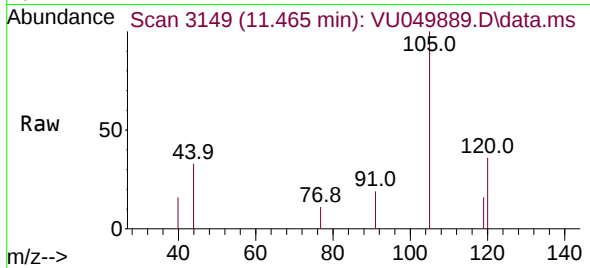




#62
1,3,5-Trimethylbenzene
Concen: 0.109 ug/L
RT: 11.465 min Scan# 3149
Delta R.T. 0.376 min
Lab File: VU049889.D
Acq: 26 Jul 2022 01:02

Instrument :
MSVOA_U
ClientSampleId :
GBJ05

Tgt Ion:105 Resp: 2094
Ion Ratio Lower Upper
105 100
120 39.8 38.0 57.0



#63
1,2,4-Trimethylbenzene
Concen: 0.113 ug/L
RT: 11.465 min Scan# 3149
Delta R.T. -0.003 min
Lab File: VU049889.D
Acq: 26 Jul 2022 01:02

Tgt Ion:105 Resp: 2094
Ion Ratio Lower Upper
105 100
120 39.8 34.2 51.4

