

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072522\
 Data File : VU049895.D
 Acq On : 26 Jul 2022 03:29
 Operator : SY/MD
 Sample : N3870-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBJ11

Quant Time: Jul 26 06:50:32 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	83489	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	78633	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.813	152	32433	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	30765	4.552	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.000%
7) Chloroethane-d5	1.909	69	27473	4.857	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.200%
11) 1,1-Dichloroethene-d2	2.565	65	14102	4.674	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.400%
20) 2-Butanone-d5	4.633	46	139886	57.519	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.040%
24) Chloroform-d	5.064	84	75473	5.014	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.200%
26) 1,2-Dichloroethane-d4	5.703	65	44749	5.069	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.400%
32) Benzene-d6	5.729	84	137597	5.135	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.800%
36) 1,2-Dichloropropane-d6	6.691	67	50462	5.451	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.000%
41) Toluene-d8	7.900	98	107250	4.579	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.600%
43) trans-1,3-Dichloroprop...	8.182	79	14783	4.399	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.000%
46) 2-Hexanone-d5	8.636	63	66509	49.941	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.880%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	42298	5.441	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.800%
66) 1,2-Dichlorobenzene-d4	12.195	152	37797	5.646	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.517	50	1554	0.143	ug/L #	77
5) Vinyl chloride	1.601	62	5305	0.585	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	6275	1.151	ug/L	95
12) 1,1-Dichloroethene	2.578	96	7497	1.359	ug/L #	14
13) Acetone	2.649	43	7464	5.103	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	662	0.104	ug/L #	87
19) 1,1-Dichloroethane	3.868	63	3585	0.260	ug/L	96
22) cis-1,2-Dichloroethene	4.668	96	90546	12.260	ug/L	98
33) Benzene	5.774	78	2634	0.092	ug/L	100
34) Trichloroethene	6.543	95	832403	120.320	ug/L	98
35) Methylcyclohexane	6.694	83	10801	1.266	ug/L #	19
37) 1,2-Dichloropropane	6.694	63	5672	0.697	ug/L #	89
39) cis-1,3-Dichloropropene	7.572	75	1332	0.124	ug/L #	82
47) Tetrachloroethene	8.555	164	6398	1.343	ug/L	96
48) 2-Hexanone	8.684	43	19595	4.628	ug/L #	87
49) Dibromochloromethane	8.555	129	6272	0.967	ug/L #	14
61) 1,2,3-Trichloropropane	11.813	75	4316	0.999	ug/L #	72

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QLast Update : Tue Jul 26 06:46:04 2022
Response via : Initial Calibration

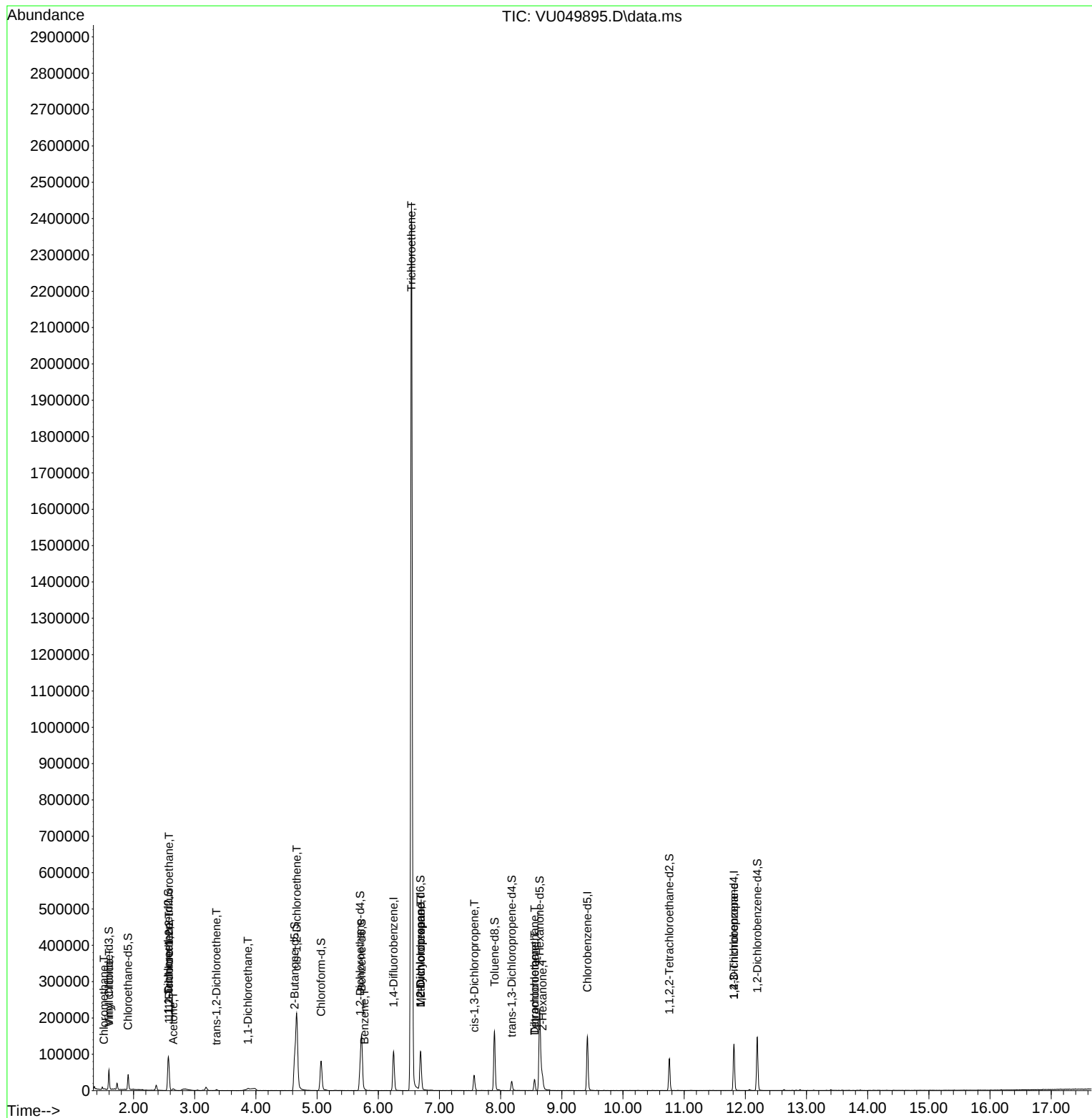
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

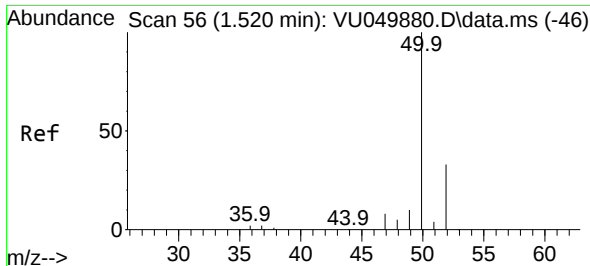
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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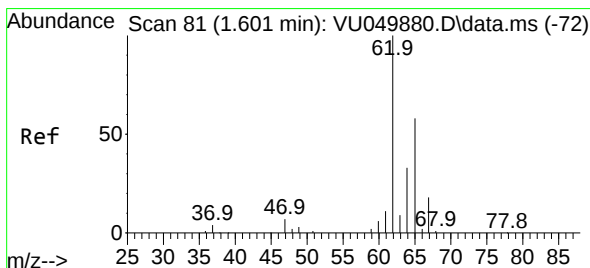
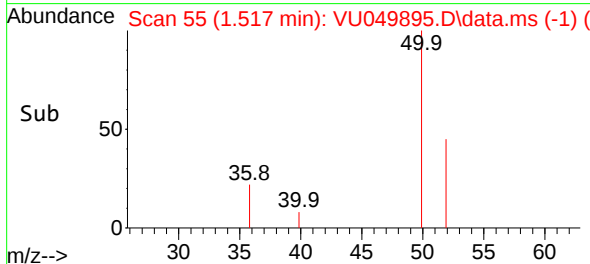
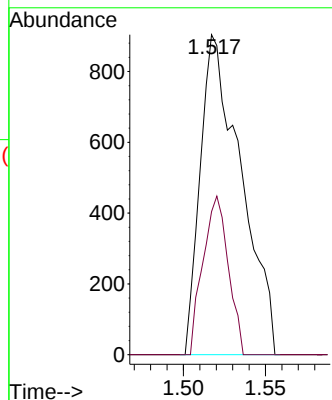
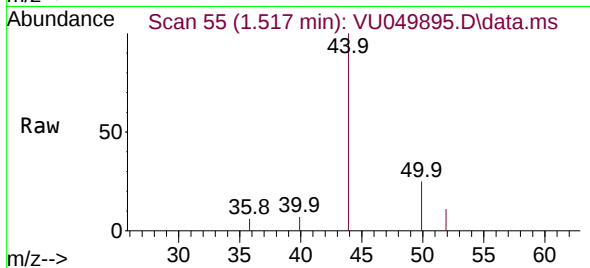




#3
Chloromethane
Concen: 0.143 ug/L
RT: 1.517 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU049895.D
Acq: 26 Jul 2022 03:29

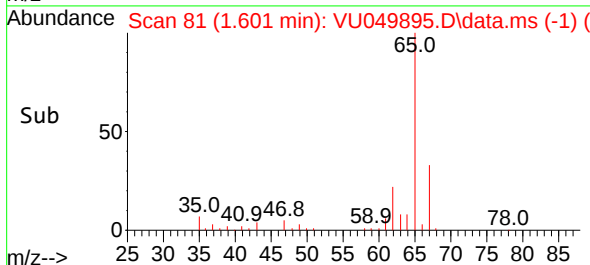
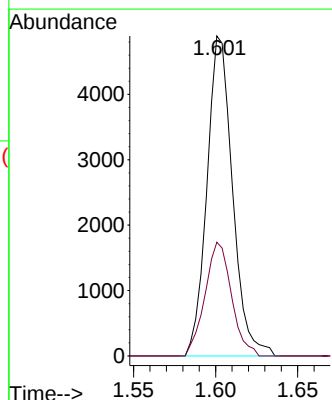
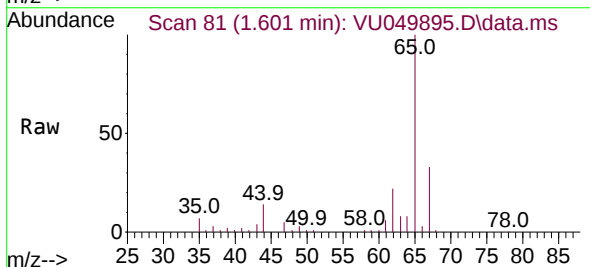
Instrument :
MSVOA_U
ClientSampleId :
GBJ11

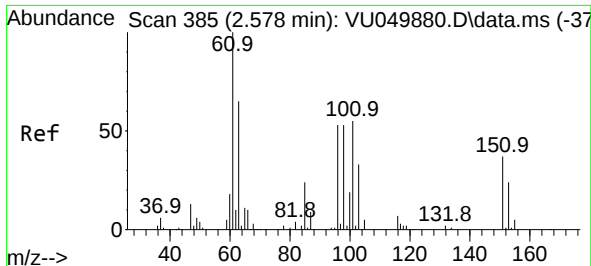
Tgt Ion: 50 Resp: 1554
Ion Ratio Lower Upper
50 100
52 44.7 22.5 41.7#



#5
Vinyl chloride
Concen: 0.585 ug/L
RT: 1.601 min Scan# 81
Delta R.T. 0.000 min
Lab File: VU049895.D
Acq: 26 Jul 2022 03:29

Tgt Ion: 62 Resp: 5305
Ion Ratio Lower Upper
62 100
64 35.6 22.7 42.3

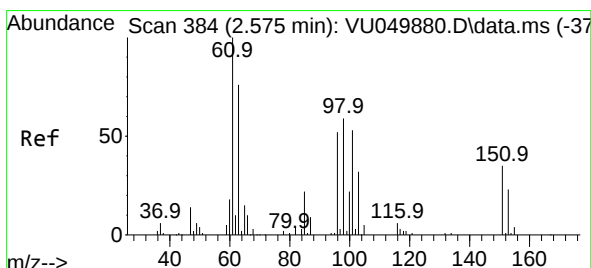
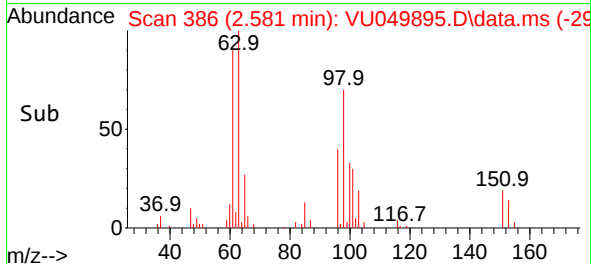
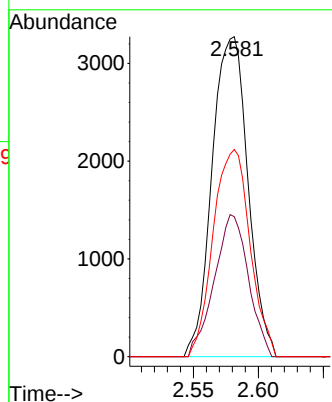
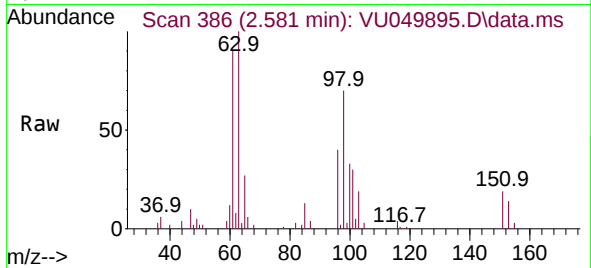




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.151 ug/L
RT: 2.581 min Scan# 386
Delta R.T. 0.003 min
Lab File: VU049895.D
Acq: 26 Jul 2022 03:29

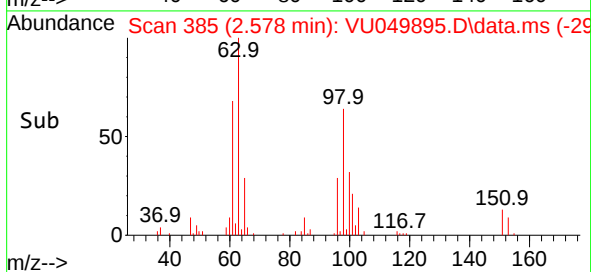
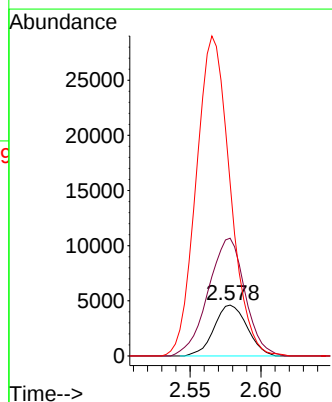
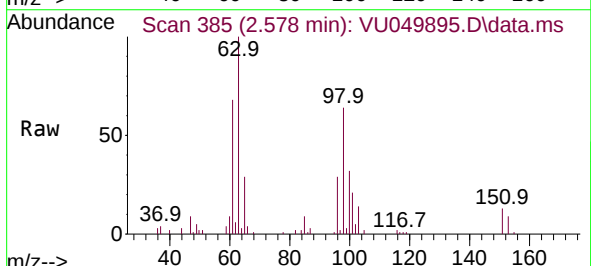
Instrument :
MSVOA_U
ClientSampleId :
GBJ11

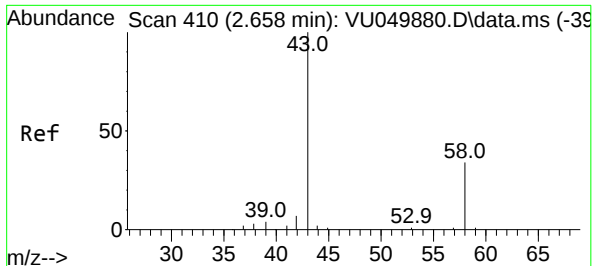
Tgt Ion:101 Resp: 6275
Ion Ratio Lower Upper
101 100
85 42.2 37.2 55.8
151 66.4 56.0 84.0



#12
1,1-Dichloroethene
Concen: 1.359 ug/L
RT: 2.578 min Scan# 385
Delta R.T. 0.003 min
Lab File: VU049895.D
Acq: 26 Jul 2022 03:29

Tgt Ion: 96 Resp: 7497
Ion Ratio Lower Upper
96 100
61 231.1 131.6 244.4
63 339.8 100.0 185.6#





#13

Acetone

Concen: 5.103 ug/L

RT: 2.649 min Scan# 410

Delta R.T. -0.009 min

Lab File: VU049895.D

Acq: 26 Jul 2022 03:29

Instrument :

MSVOA_U

ClientSampleId :

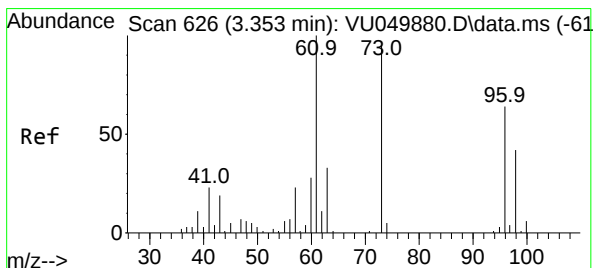
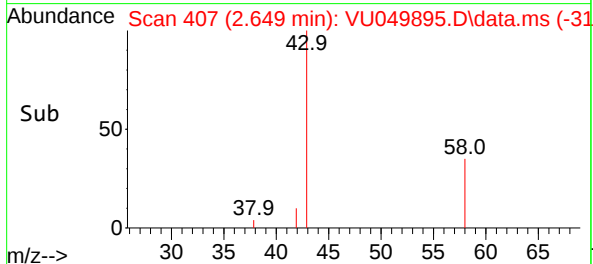
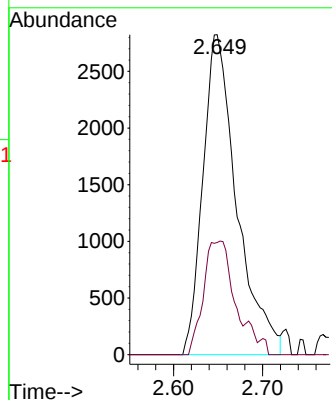
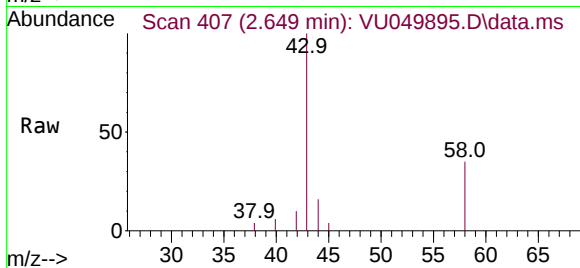
GBJ11

Tgt Ion: 43 Resp: 7464

Ion Ratio Lower Upper

43 100

58 30.1 0.0 61.0



#18

trans-1,2-Dichloroethene

Concen: 0.104 ug/L

RT: 3.353 min Scan# 626

Delta R.T. 0.000 min

Lab File: VU049895.D

Acq: 26 Jul 2022 03:29

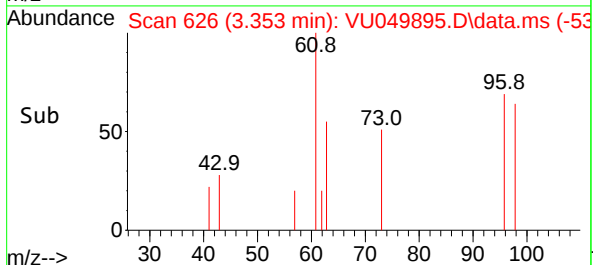
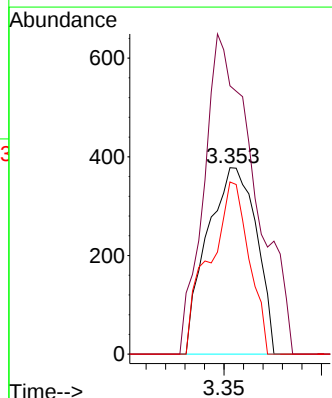
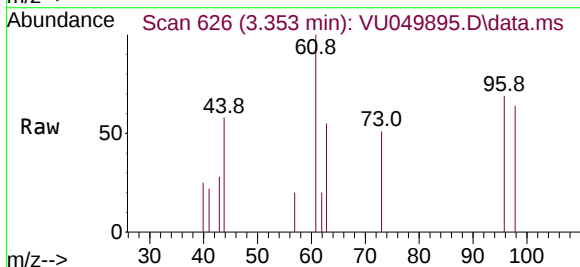
Tgt Ion: 96 Resp: 662

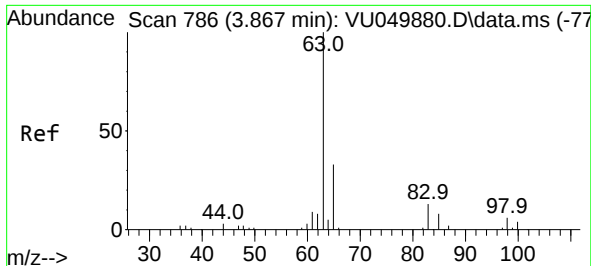
Ion Ratio Lower Upper

96 100

61 143.9 101.5 188.5

98 92.3 42.5 78.9#





#19

1,1-Dichloroethane

Concen: 0.260 ug/L

RT: 3.868 min Scan# 71

Delta R.T. 0.000 min

Lab File: VU049895.D

Acq: 26 Jul 2022 03:29

Instrument :

MSVOA_U

ClientSampleId :

GBJ11

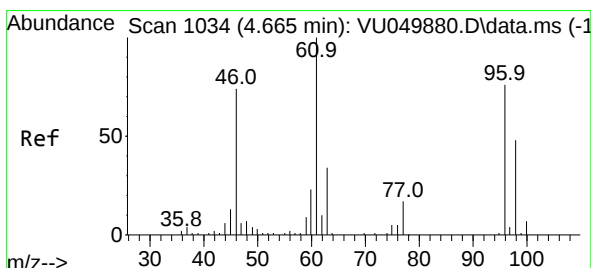
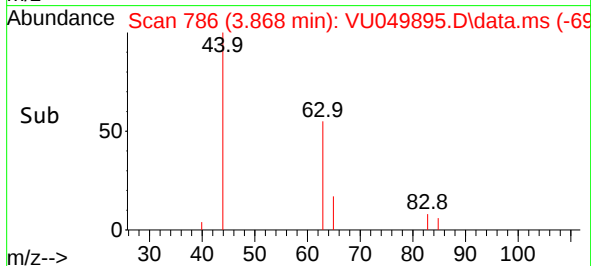
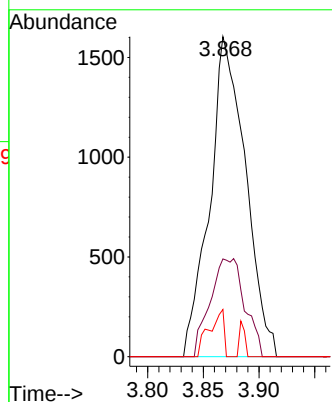
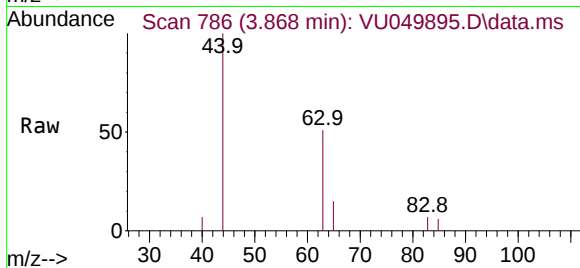
Tgt Ion: 63 Resp: 3585

Ion Ratio Lower Upper

63 100

65 30.5 22.5 41.9

83 14.8 8.3 15.5



#22

cis-1,2-Dichloroethene

Concen: 12.260 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. 0.003 min

Lab File: VU049895.D

Acq: 26 Jul 2022 03:29

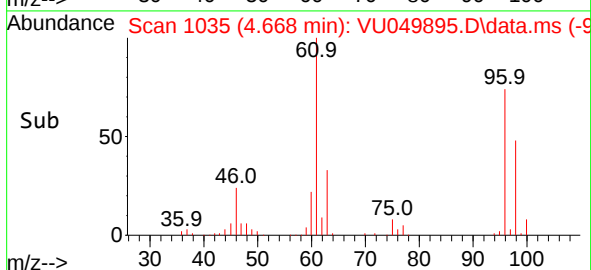
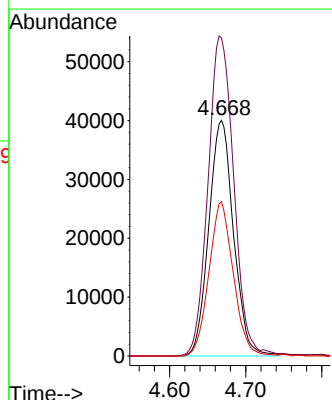
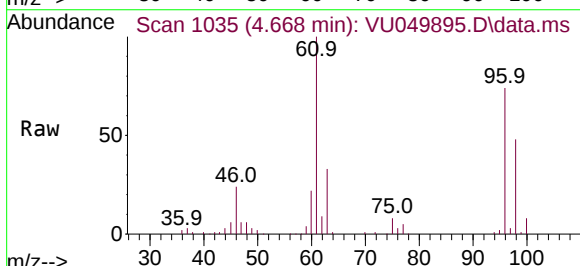
Tgt Ion: 96 Resp: 90546

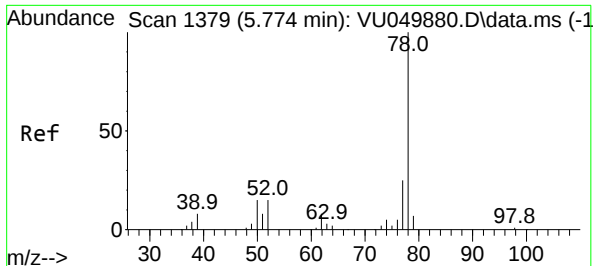
Ion Ratio Lower Upper

96 100

61 135.0 93.9 174.3

98 65.4 43.9 81.5

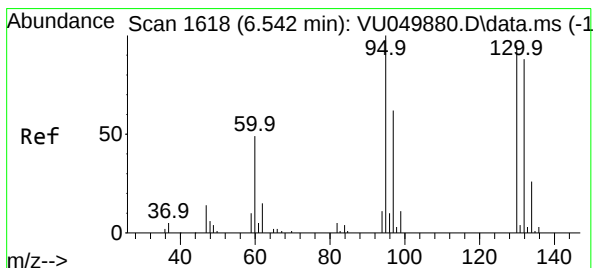
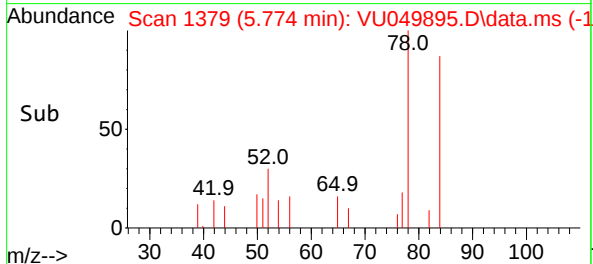
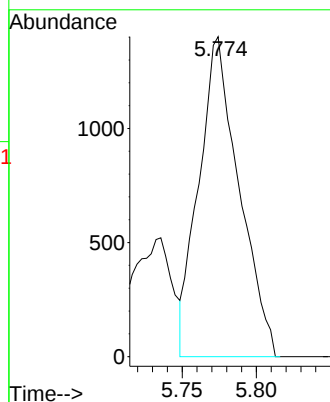
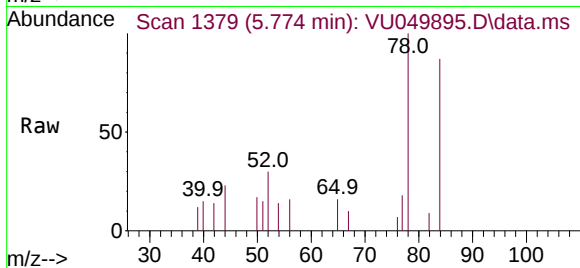




#33
Benzene
Concen: 0.092 ug/L
RT: 5.774 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU049895.D
Acq: 26 Jul 2022 03:29

Instrument :
MSVOA_U
ClientSampleId :
GBJ11

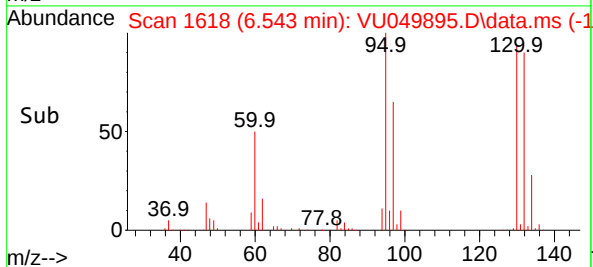
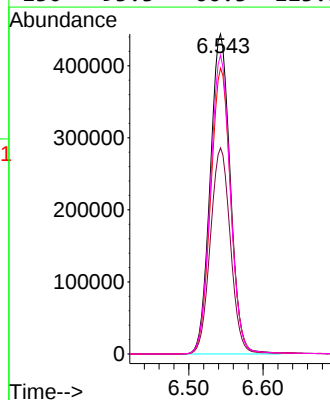
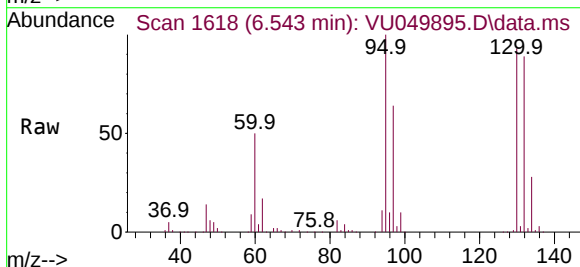
Tgt Ion: 78 Resp: 2634

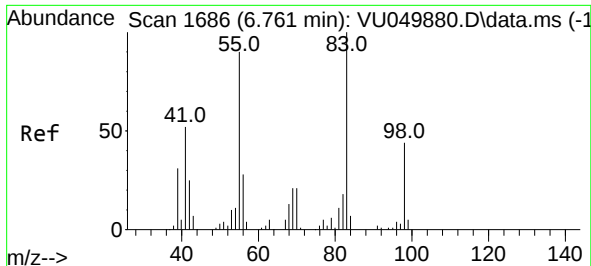


#34
Trichloroethene
Concen: 120.320 ug/L
RT: 6.543 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VU049895.D
Acq: 26 Jul 2022 03:29

Tgt Ion: 95 Resp: 832403

Ion	Ratio	Lower	Upper
95	100		
97	64.4	46.8	86.8
132	89.4	61.8	114.8
130	93.3	66.3	123.1

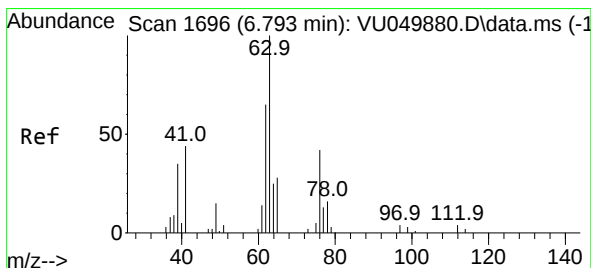
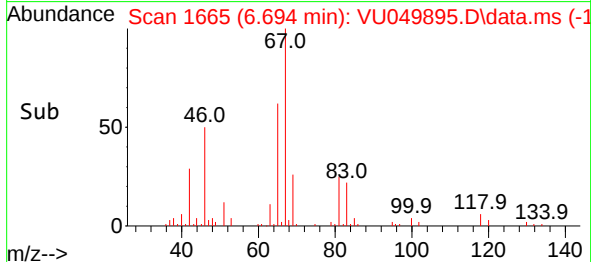
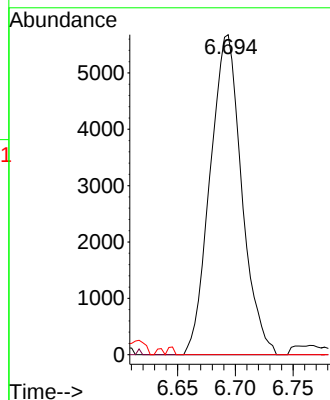
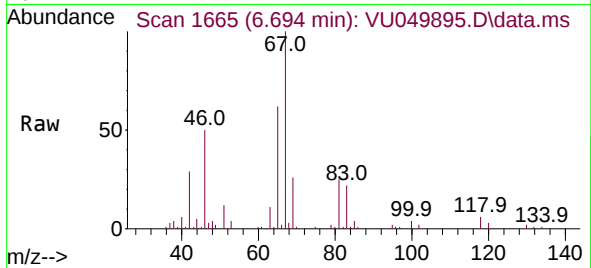




#35
Methylcyclohexane
Concen: 1.266 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.067 min
Lab File: VU049895.D
Acq: 26 Jul 2022 03:29

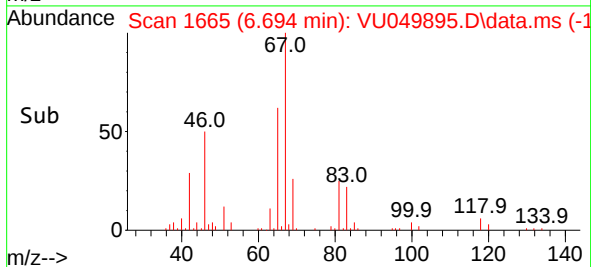
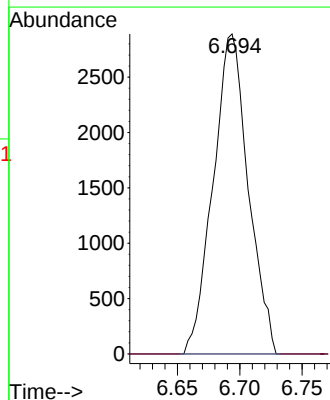
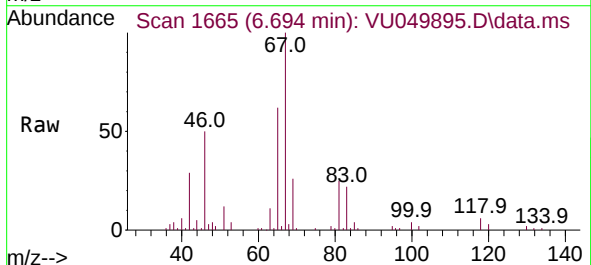
Instrument :
MSVOA_U
ClientSampleId :
GBJ11

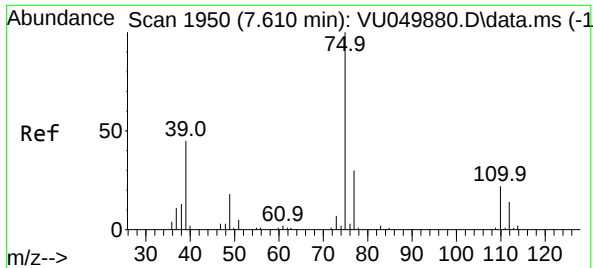
Tgt Ion: 83 Resp: 10801
Ion Ratio Lower Upper
83 100
55 0.2 69.0 103.4#
98 7.9 36.4 54.6#



#37
1,2-Dichloropropane
Concen: 0.697 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.099 min
Lab File: VU049895.D
Acq: 26 Jul 2022 03:29

Tgt Ion: 63 Resp: 5672
Ion Ratio Lower Upper
63 100
112 0.0 2.8 4.2#





#39

cis-1,3-Dichloropropene

Concen: 0.124 ug/L

RT: 7.572 min Scan# 1938

Delta R.T. -0.038 min

Lab File: VU049895.D

Acq: 26 Jul 2022 03:29

Instrument :

MSVOA_U

ClientSampleId :

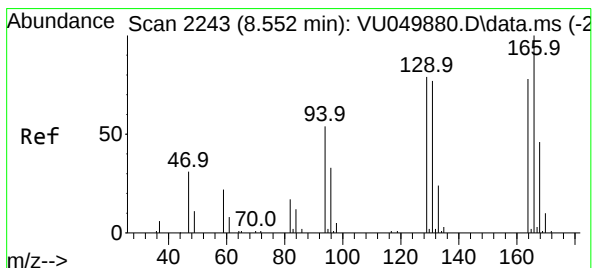
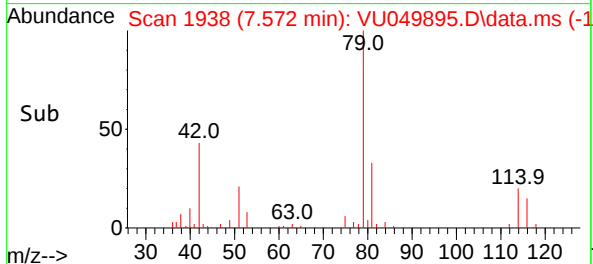
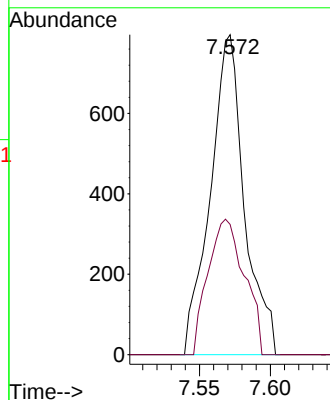
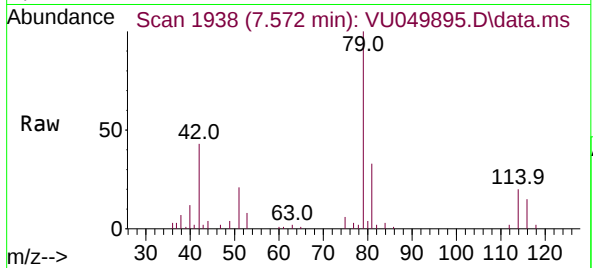
GBJ11

Tgt Ion: 75 Resp: 1332

Ion Ratio Lower Upper

75 100

77 40.7 21.6 40.0#



#47

Tetrachloroethene

Concen: 1.343 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. 0.003 min

Lab File: VU049895.D

Acq: 26 Jul 2022 03:29

Tgt Ion:164 Resp: 6398

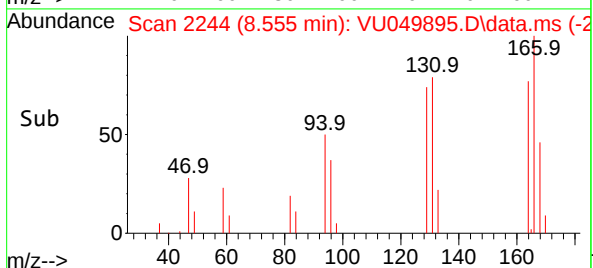
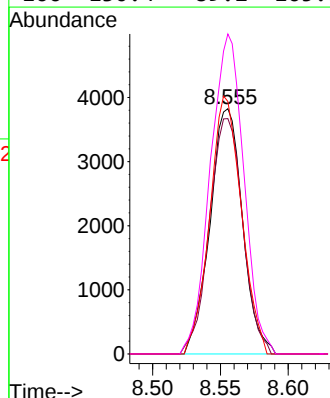
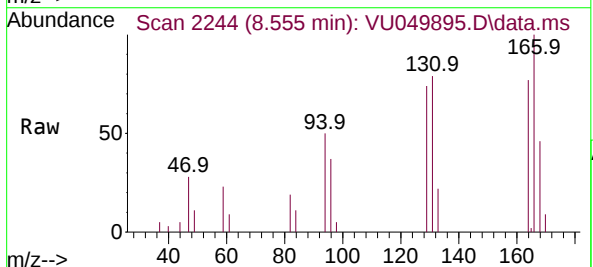
Ion Ratio Lower Upper

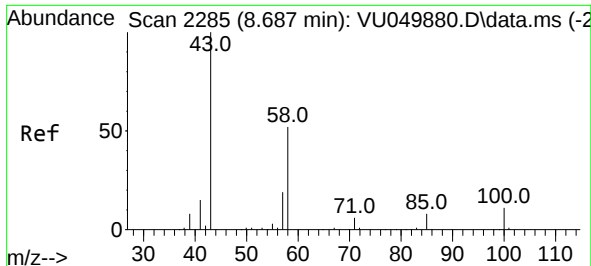
164 100

129 95.9 68.9 127.9

131 103.0 67.5 125.4

166 130.4 89.2 165.8

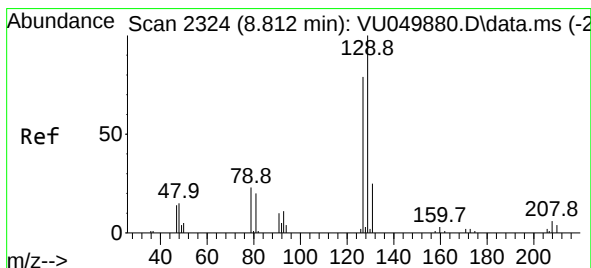
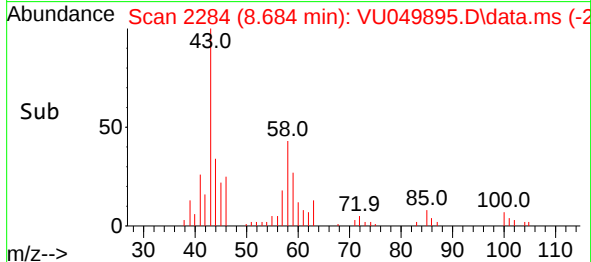
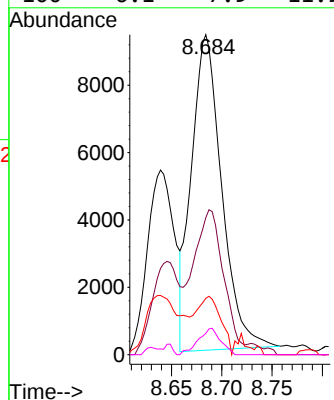
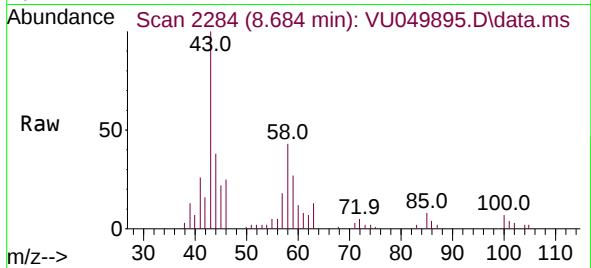




#48
2-Hexanone
Concen: 4.628 ug/L
RT: 8.684 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049895.D
Acq: 26 Jul 2022 03:29

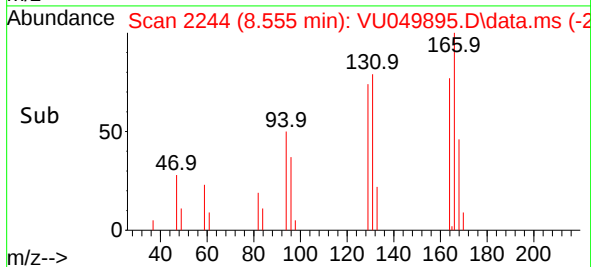
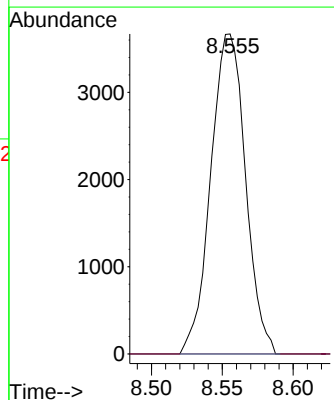
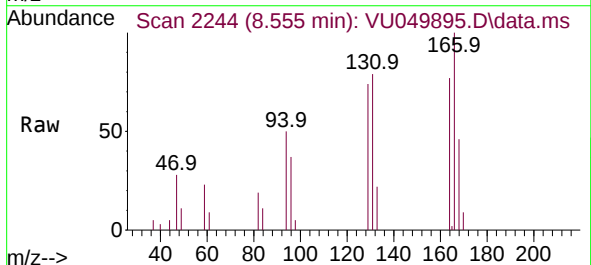
Instrument :
MSVOA_U
ClientSampleId :
GBJ11

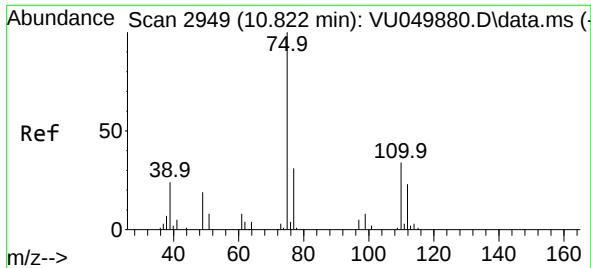
Tgt Ion:	43	Resp:	19595
Ion	Ratio	Lower	Upper
43	100		
58	41.7	42.1	63.1#
57	15.2	14.3	21.5
100	6.1	7.9	11.9#



#49
Dibromochloromethane
Concen: 0.967 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.257 min
Lab File: VU049895.D
Acq: 26 Jul 2022 03:29

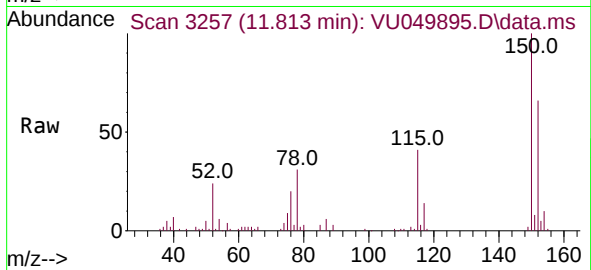
Tgt Ion:	129	Resp:	6272
Ion	Ratio	Lower	Upper
129	100		
127	0.0	50.5	93.7#





#61
 1,2,3-Trichloropropane
 Concen: 0.999 ug/L
 RT: 11.813 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU049895.D
 Acq: 26 Jul 2022 03:29

Instrument :
 MSVOA_U
 ClientSampleId :
 GBJ11



Tgt Ion: 75 Resp: 4316
 Ion Ratio Lower Upper
 75 100
 110 3.6 28.0 42.0#
 77 31.8 25.4 38.2

