

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072522\
 Data File : VU049885.D
 Acq On : 25 Jul 2022 23:23
 Operator : SY/MD
 Sample : N3870-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBJ01

Quant Time: Jul 26 06:47:57 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)

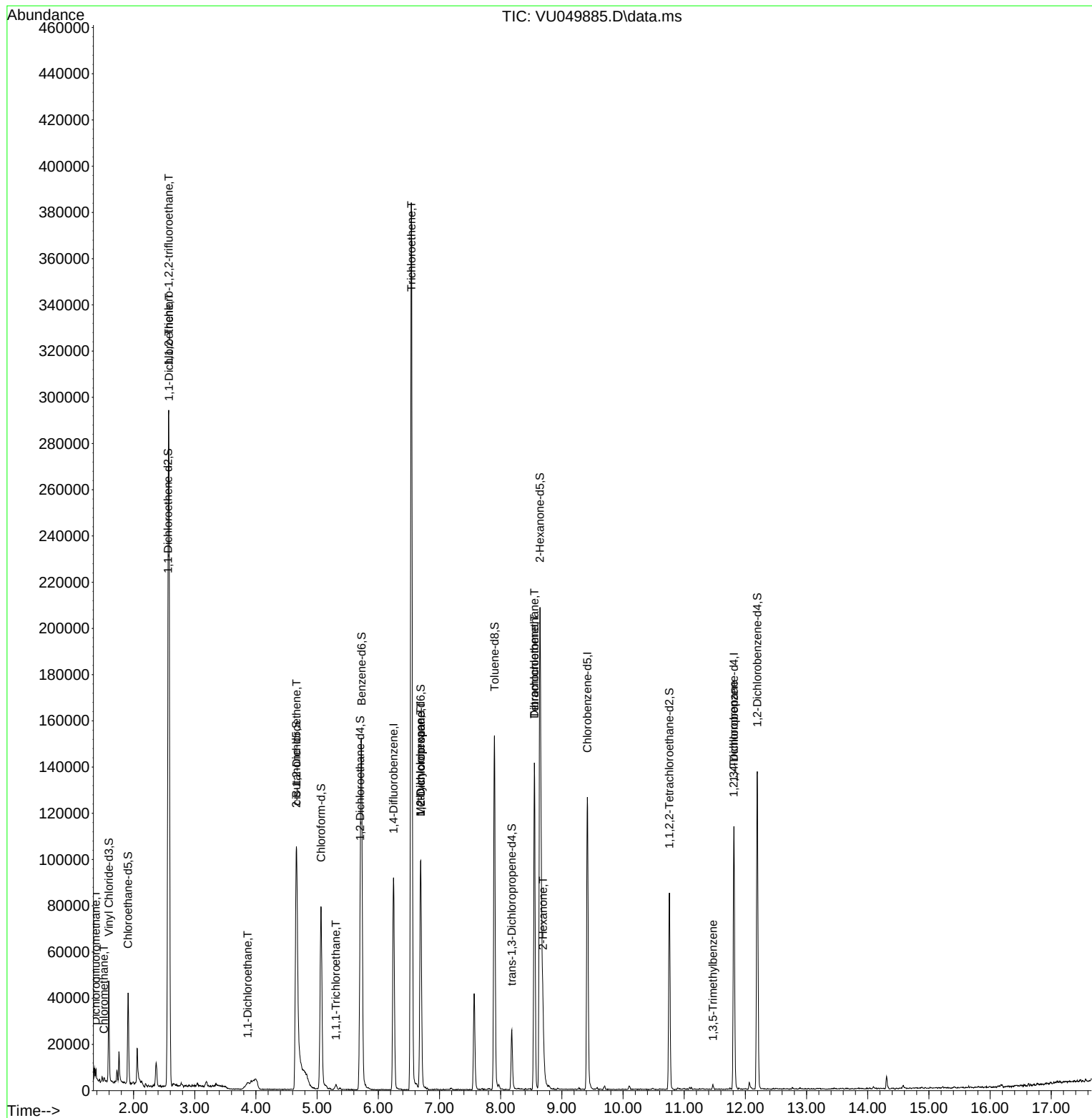
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	70879	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	69323	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	29352	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	28518	4.970	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.400%
7) Chloroethane-d5	1.909	69	27478	5.722	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	114.400%
11) 1,1-Dichloroethene-d2	2.562	65	12848	5.016	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.400%
20) 2-Butanone-d5	4.658	46	117231	56.780	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.560%
24) Chloroform-d	5.063	84	72252	5.653	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.000%
26) 1,2-Dichloroethane-d4	5.703	65	41632	5.555	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.200%
32) Benzene-d6	5.726	84	126419	5.352	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.000%
36) 1,2-Dichloropropane-d6	6.694	67	46737	5.727	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	114.600%
41) Toluene-d8	7.899	98	99433	4.816	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
43) trans-1,3-Dichloroprop...	8.182	79	14124	4.767	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.400%
46) 2-Hexanone-d5	8.642	63	70970	60.447	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.900%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	40619	5.927	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	118.600%
66) 1,2-Dichlorobenzene-d4	12.195	152	35533	5.865	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.400%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.382	85	2720	0.364	ug/L	94
3) Chloromethane	1.517	50	1788	0.194	ug/L #	80
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	93850	20.277	ug/L	99
12) 1,1-Dichloroethene	2.578	96	3305	0.706	ug/L #	1
19) 1,1-Dichloroethane	3.864	63	1599	0.137	ug/L #	82
22) cis-1,2-Dichloroethene	4.665	96	26784	4.272	ug/L	96
29) 1,1,1-Trichloroethane	5.308	97	917	0.094	ug/L #	59
34) Trichloroethene	6.539	95	133151	21.831	ug/L	99
35) Methylcyclohexane	6.690	83	10585	1.407	ug/L #	15
37) 1,2-Dichloropropane	6.694	63	5111	0.713	ug/L #	89
47) Tetrachloroethene	8.552	164	28468	6.780	ug/L	98
48) 2-Hexanone	8.690	43	16323	4.373	ug/L #	95
49) Dibromochloromethane	8.552	129	28509	4.985	ug/L #	14
61) 1,2,3-Trichloropropane	11.809	75	4038	1.033	ug/L #	65
62) 1,3,5-Trimethylbenzene	11.472	105	1423	0.087	ug/L	93

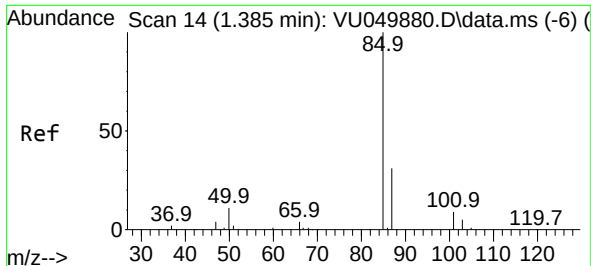
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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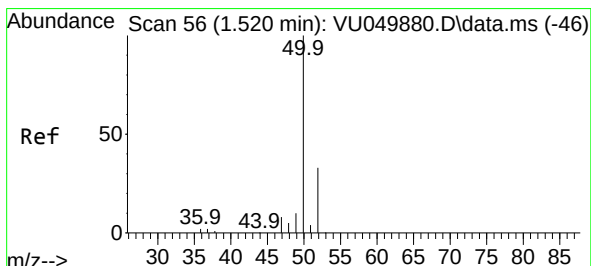
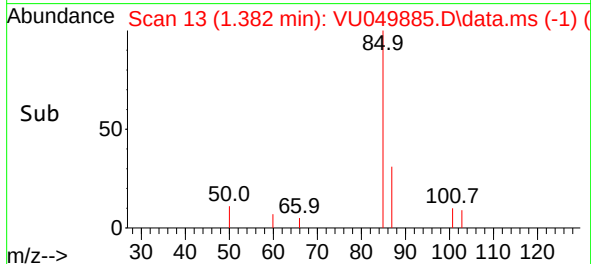
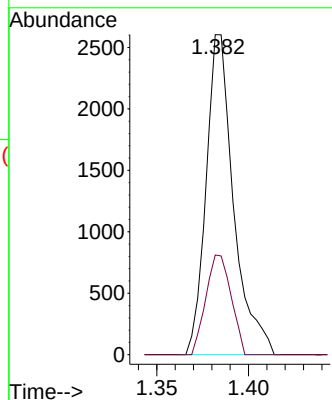
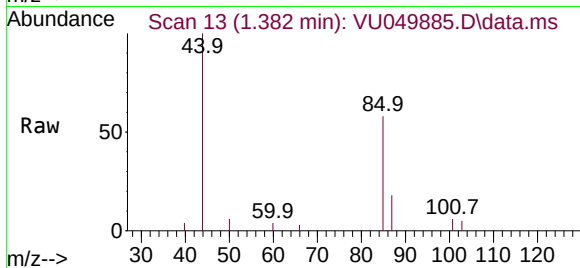




#2
 Dichlorodifluoromethane
 Concen: 0.364 ug/L
 RT: 1.382 min Scan# 11
 Delta R.T. -0.003 min
 Lab File: VU049885.D
 Acq: 25 Jul 2022 23:23

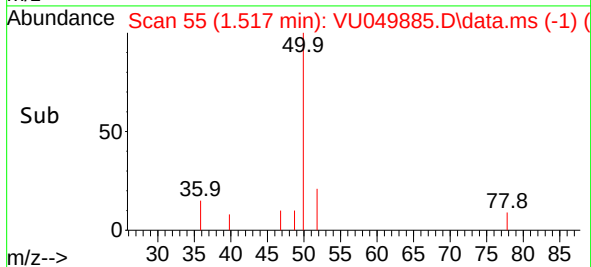
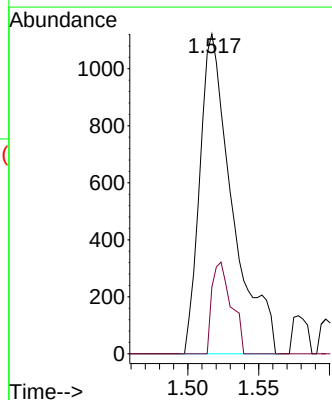
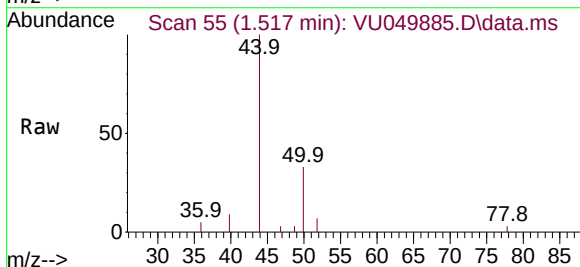
Instrument :
 MSVOA_U
 ClientSampleId :
 GBJ01

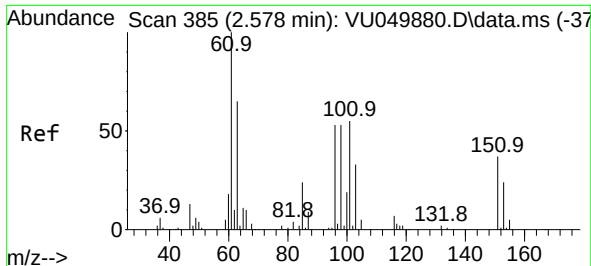
Tgt Ion: 85 Resp: 2720
 Ion Ratio Lower Upper
 85 100
 87 28.5 25.4 38.2



#3
 Chloromethane
 Concen: 0.194 ug/L
 RT: 1.517 min Scan# 55
 Delta R.T. -0.003 min
 Lab File: VU049885.D
 Acq: 25 Jul 2022 23:23

Tgt Ion: 50 Resp: 1788
 Ion Ratio Lower Upper
 50 100
 52 20.9 22.5 41.7#

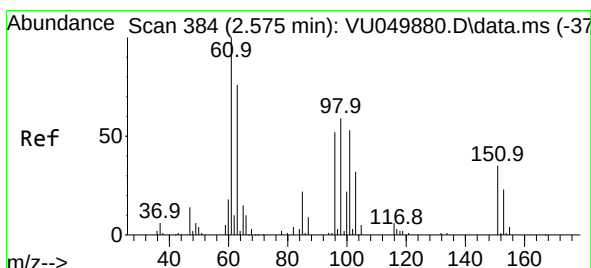
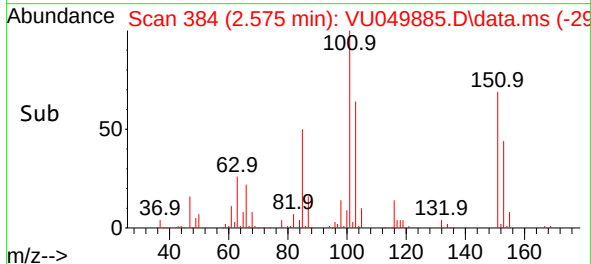
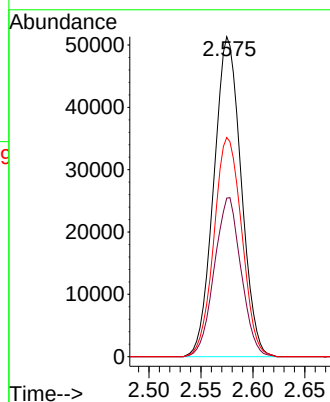
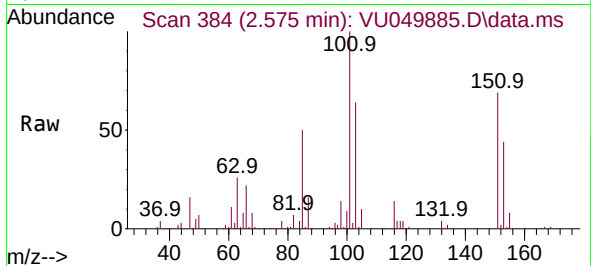




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 20.277 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.003 min
 Lab File: VU049885.D
 Acq: 25 Jul 2022 23:23

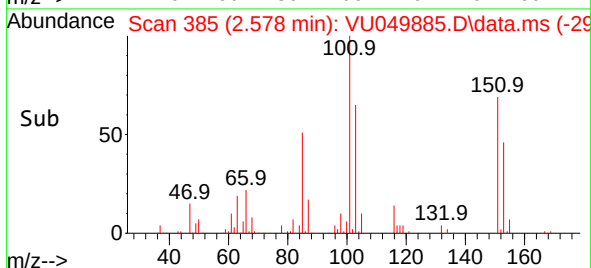
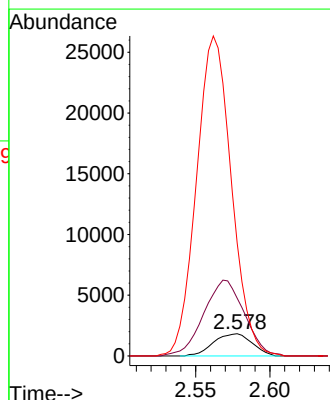
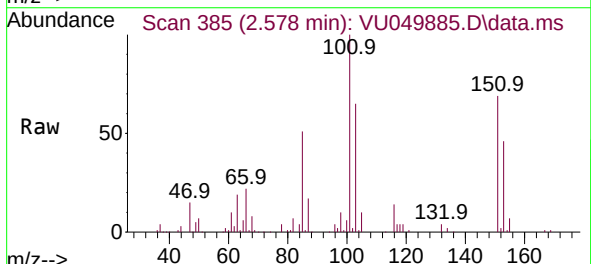
Instrument :
 MSVOA_U
 ClientSampleId :
 GBJ01

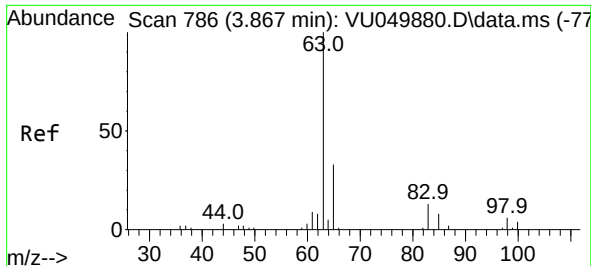
Tgt Ion:101 Resp: 93850
 Ion Ratio Lower Upper
 101 100
 85 48.7 37.2 55.8
 151 69.9 56.0 84.0



#12
 1,1-Dichloroethene
 Concen: 0.706 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.003 min
 Lab File: VU049885.D
 Acq: 25 Jul 2022 23:23

Tgt Ion: 96 Resp: 3305
 Ion Ratio Lower Upper
 96 100
 61 259.1 131.6 244.4#
 63 506.9 100.0 185.6#





#19

1,1-Dichloroethane

Concen: 0.137 ug/L

RT: 3.864 min Scan# 785

Delta R.T. -0.003 min

Lab File: VU049885.D

Acq: 25 Jul 2022 23:23

Instrument :

MSVOA_U

ClientSampleId :

GBJ01

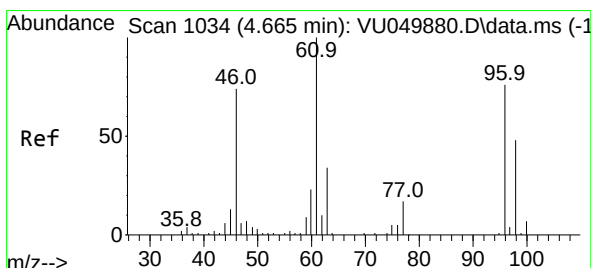
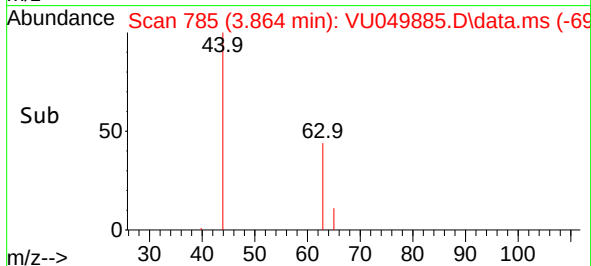
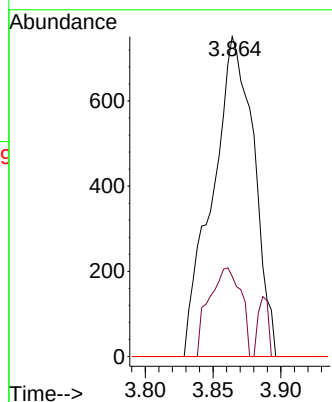
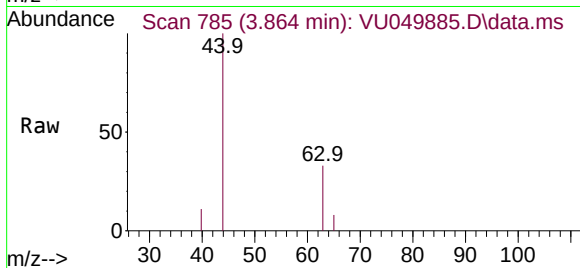
Tgt Ion: 63 Resp: 1599

Ion Ratio Lower Upper

63 100

65 25.0 22.5 41.9

83 0.0 8.3 15.5#



#22

cis-1,2-Dichloroethene

Concen: 4.272 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. -0.000 min

Lab File: VU049885.D

Acq: 25 Jul 2022 23:23

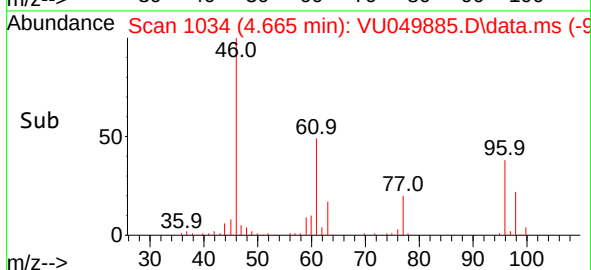
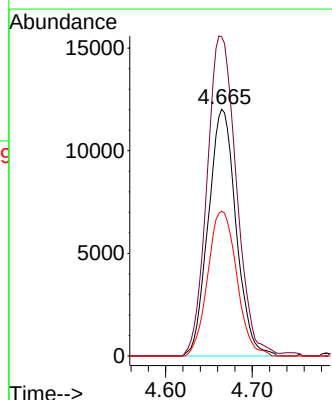
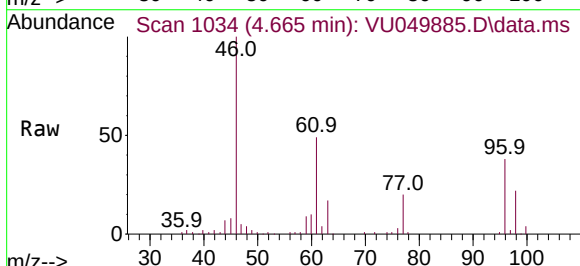
Tgt Ion: 96 Resp: 26784

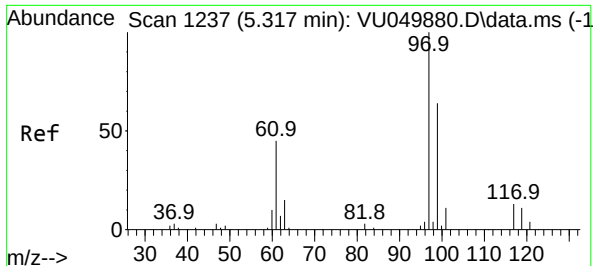
Ion Ratio Lower Upper

96 100

61 129.4 93.9 174.3

98 58.6 43.9 81.5

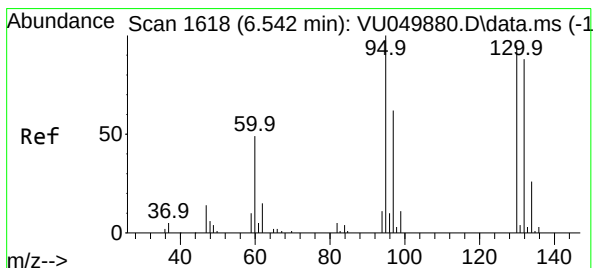
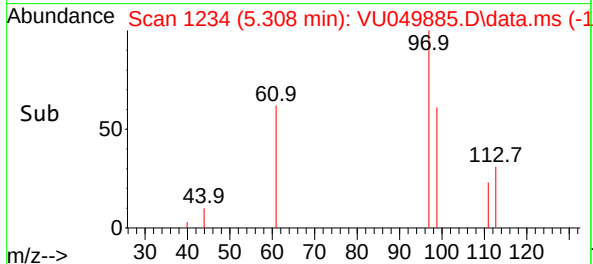
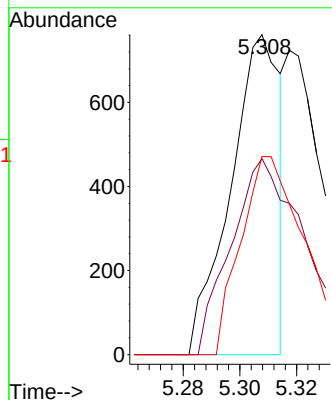
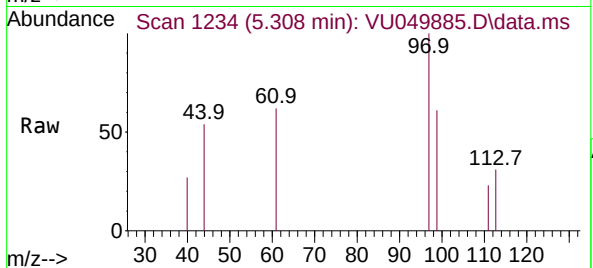




#29
1,1,1-Trichloroethane
Concen: 0.094 ug/L
RT: 5.308 min Scan# 11
Delta R.T. -0.010 min
Lab File: VU049885.D
Acq: 25 Jul 2022 23:23

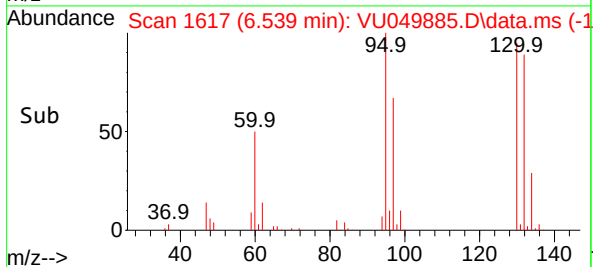
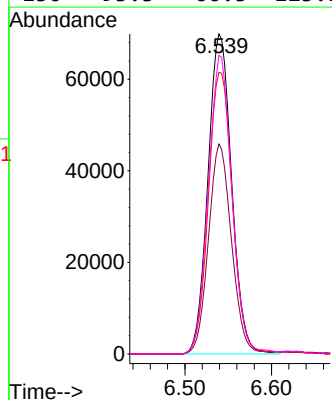
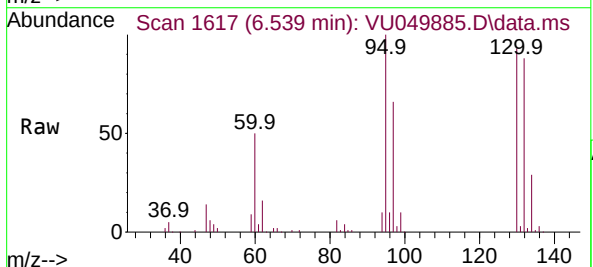
Instrument :
MSVOA_U
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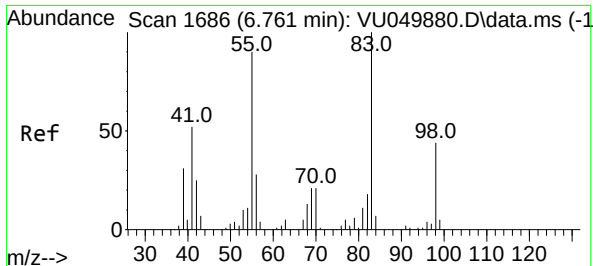
Tgt Ion: 97 Resp: 917
Ion Ratio Lower Upper
97 100
99 95.2 51.8 77.8#
61 77.1 38.3 57.5#



#34
Trichloroethene
Concen: 21.831 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.003 min
Lab File: VU049885.D
Acq: 25 Jul 2022 23:23

Tgt Ion: 95 Resp: 133151
Ion Ratio Lower Upper
95 100
97 65.6 46.8 86.8
132 88.0 61.8 114.8
130 93.3 66.3 123.1





#35

Methylcyclohexane

Concen: 1.407 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU049885.D

Acq: 25 Jul 2022 23:23

Instrument :

MSVOA_U

ClientSampleId :

GBJ01

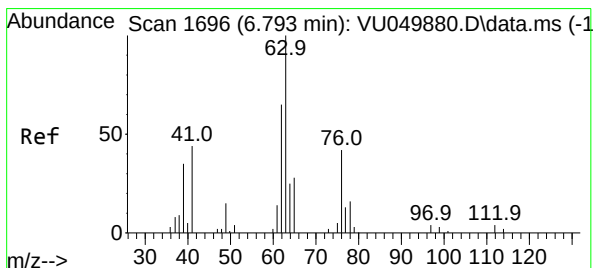
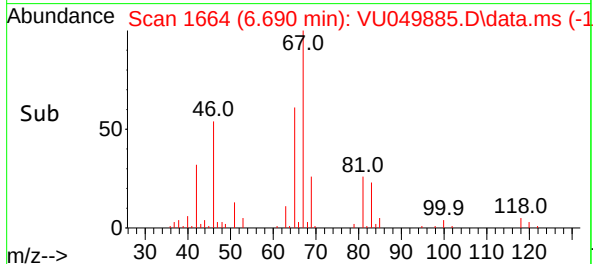
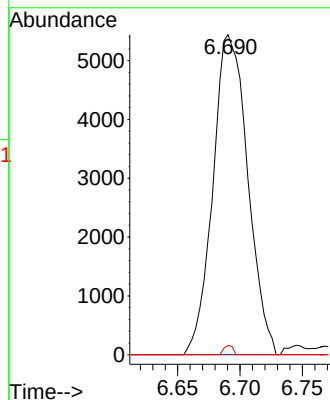
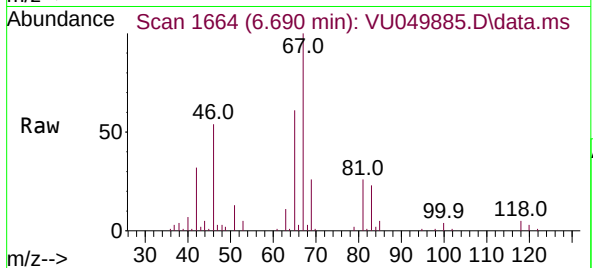
Tgt Ion: 83 Resp: 10585

Ion Ratio Lower Upper

83 100

55 0.4 69.0 103.4#

98 0.0 36.4 54.6#



#37

1,2-Dichloropropane

Concen: 0.713 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.100 min

Lab File: VU049885.D

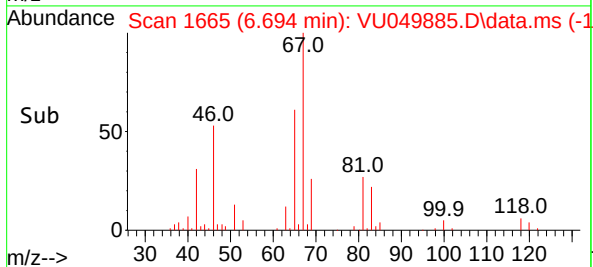
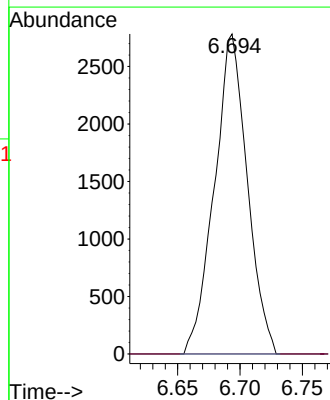
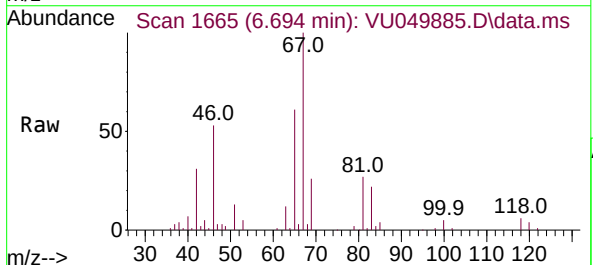
Acq: 25 Jul 2022 23:23

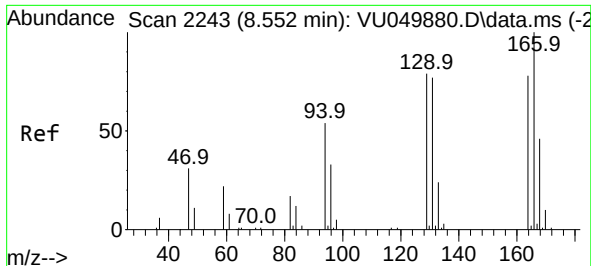
Tgt Ion: 63 Resp: 5111

Ion Ratio Lower Upper

63 100

112 0.0 2.8 4.2#





#47

Tetrachloroethene

Concen: 6.780 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. -0.000 min

Lab File: VU049885.D

Acq: 25 Jul 2022 23:23

Instrument :

MSVOA_U

ClientSampleId :

GBJ01

Tgt Ion:164 Resp: 28468

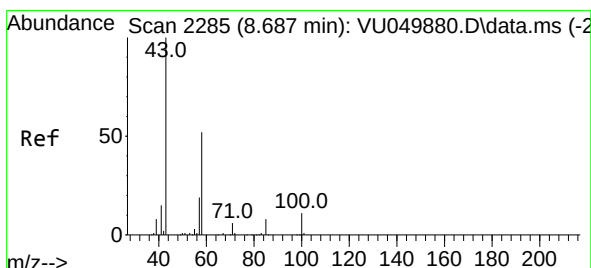
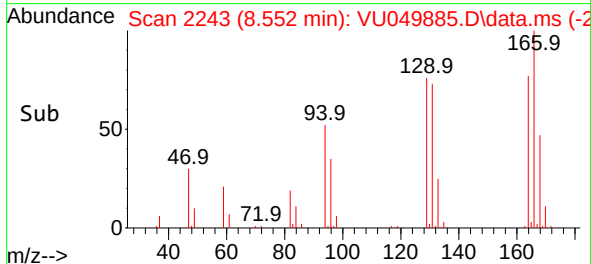
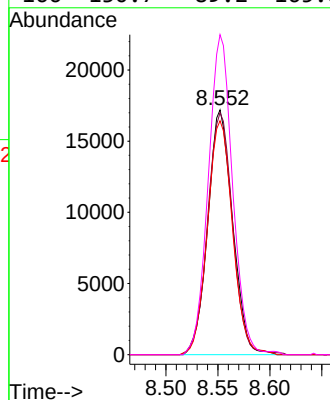
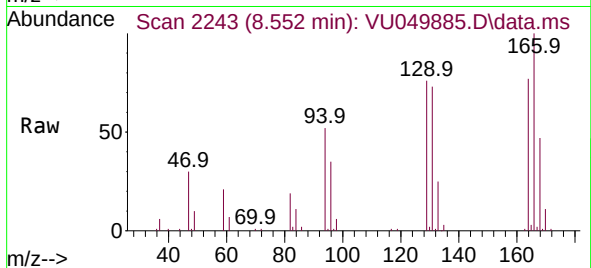
Ion Ratio Lower Upper

164 100

129 98.8 68.9 127.9

131 95.5 67.5 125.4

166 130.7 89.2 165.8



#48

2-Hexanone

Concen: 4.373 ug/L

RT: 8.690 min Scan# 2286

Delta R.T. 0.003 min

Lab File: VU049885.D

Acq: 25 Jul 2022 23:23

Tgt Ion: 43 Resp: 16323

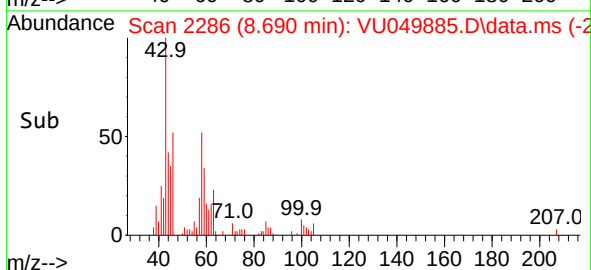
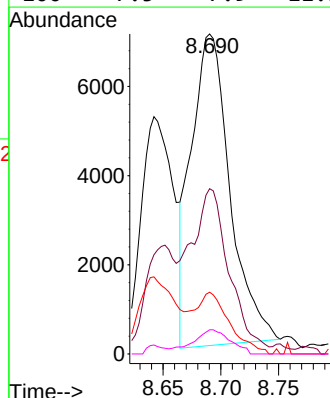
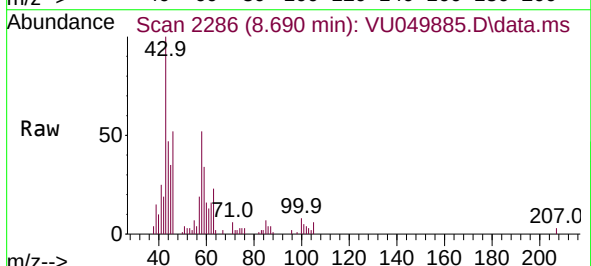
Ion Ratio Lower Upper

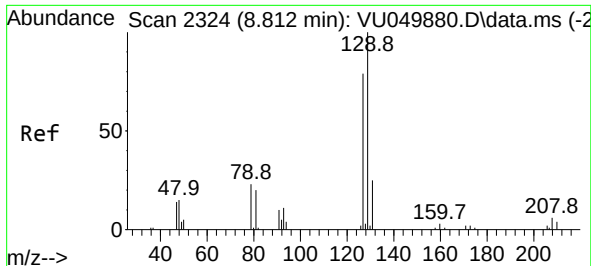
43 100

58 49.0 42.1 63.1

57 16.5 14.3 21.5

100 7.5 7.9 11.9#





#49

Dibromochloromethane

Concen: 4.985 ug/L

RT: 8.552 min Scan# 21

Delta R.T. -0.260 min

Lab File: VU049885.D

Acq: 25 Jul 2022 23:23

Instrument :

MSVOA_U

ClientSampleId :

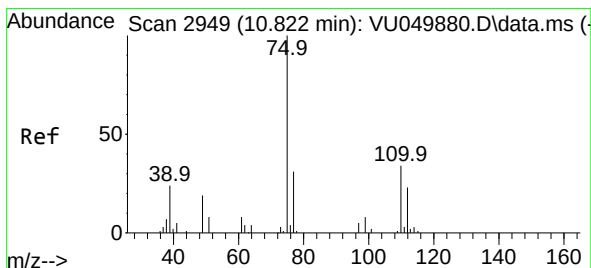
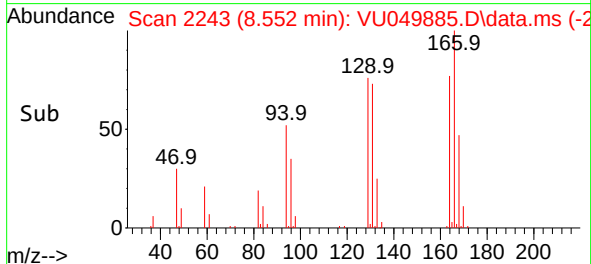
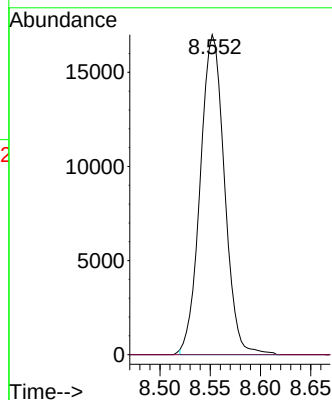
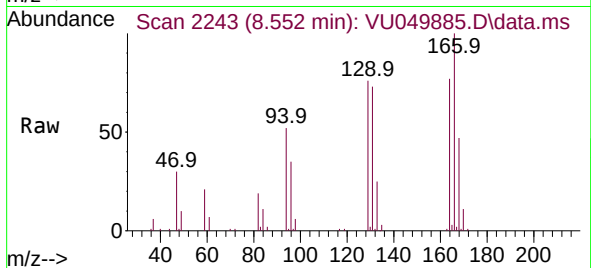
GBJ01

Tgt Ion:129 Resp: 28509

Ion Ratio Lower Upper

129 100

127 0.0 50.5 93.7#



#61

1,2,3-Trichloropropane

Concen: 1.033 ug/L

RT: 11.809 min Scan# 3256

Delta R.T. 0.987 min

Lab File: VU049885.D

Acq: 25 Jul 2022 23:23

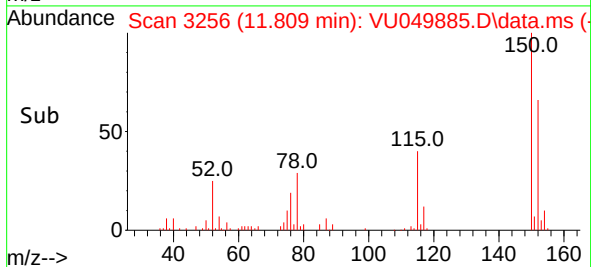
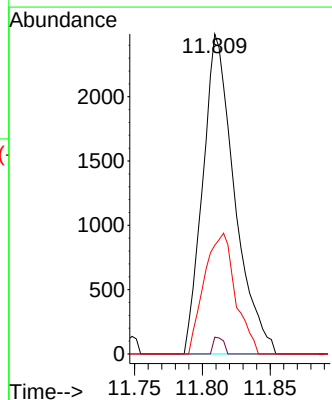
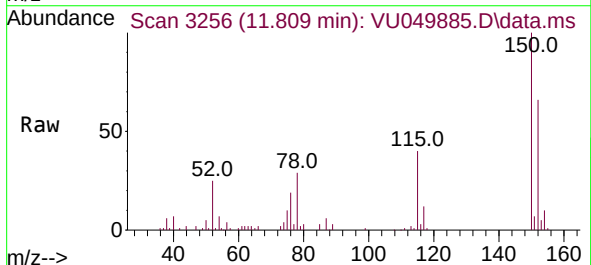
Tgt Ion: 75 Resp: 4038

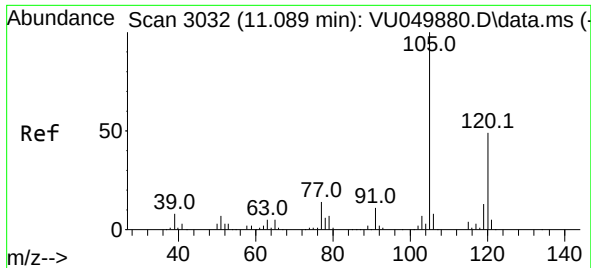
Ion Ratio Lower Upper

75 100

110 1.7 28.0 42.0#

77 37.0 25.4 38.2





#62
 1,3,5-Trimethylbenzene
 Concen: 0.087 ug/L
 RT: 11.472 min Scan# 31
 Delta R.T. 0.383 min
 Lab File: VU049885.D
 Acq: 25 Jul 2022 23:23

Instrument :
 MSVOA_U
 ClientSampleId :
 GBJ01

Tgt Ion:105 Resp: 1423
 Ion Ratio Lower Upper
 105 100
 120 42.9 38.0 57.0

