

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110322\
 Data File : VU051736.D
 Acq On : 03 Nov 2022 16:14
 Operator : JC/MD
 Sample : N5407-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW4Y4

Quant Time: Nov 04 00:52:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 04 00:49:19 2022
 Response via : Initial Calibration

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

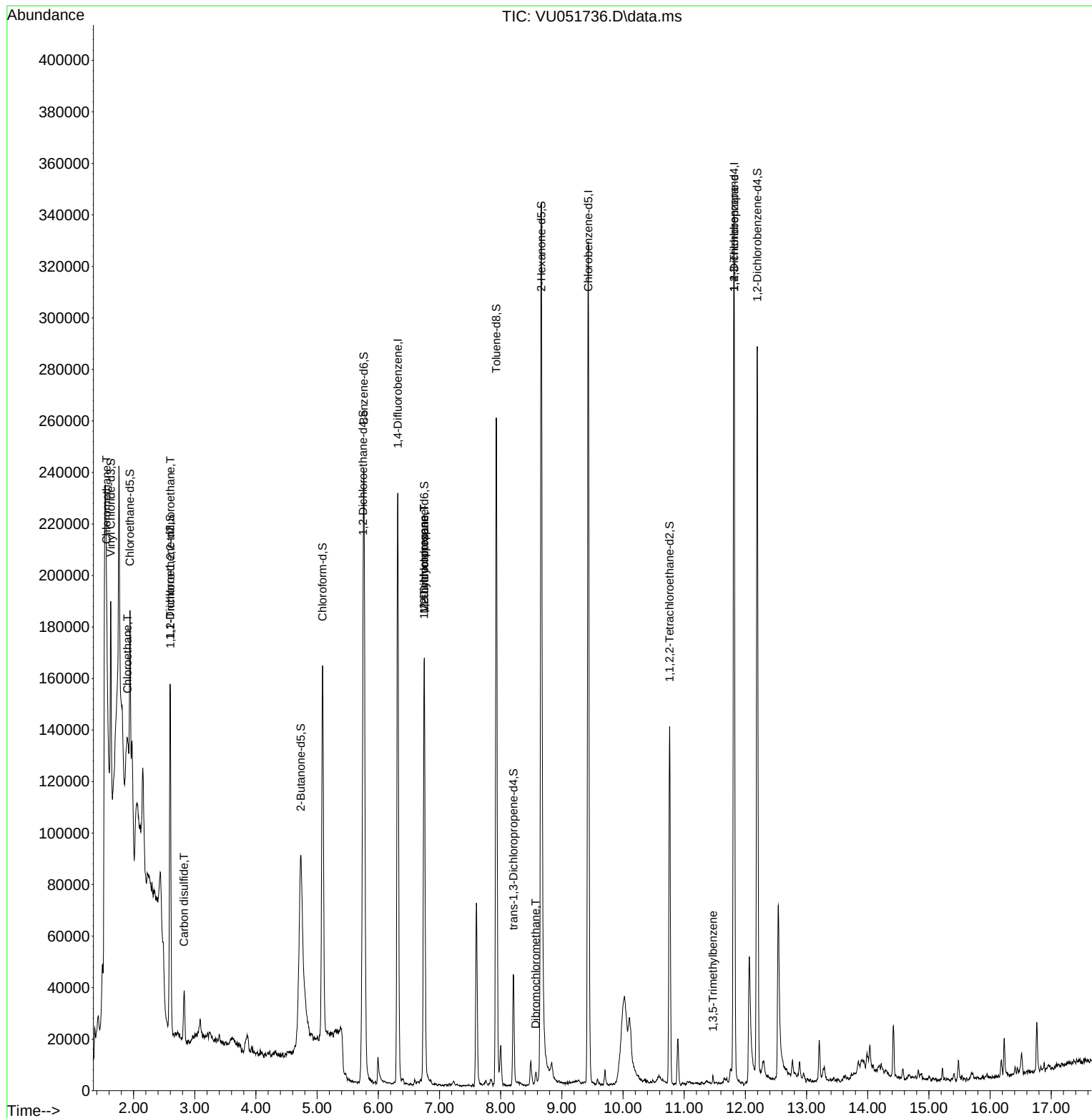
Internal Standards						
1) 1,4-Difluorobenzene	6.317	114	184644	5.000	ug/L	0.07
28) Chlorobenzene-d5	9.433	117	190624	5.000	ug/L	0.02
58) 1,4-Dichlorobenzene-d4	11.815	152	94161	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.626	65	55994	4.026	ug/L	0.03
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.600%
7) Chloroethane-d5	1.941	69	53684	3.701	ug/L	0.03
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.000%
11) 1,1-Dichloroethene-d2	2.597	65	27025	5.355	ug/L	0.03
Spiked Amount	5.000	Range	60 - 125	Recovery	=	107.000%
20) 2-Butanone-d5	4.732	46	207332	41.167	ug/L	0.11
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.340%
24) Chloroform-d	5.089	84	129726	3.986	ug/L	0.03
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.800%
26) 1,2-Dichloroethane-d4	5.751	65	64171	3.650	ug/L	0.05
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.000%
32) Benzene-d6	5.764	84	241807	4.020	ug/L	0.04
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.400%
36) 1,2-Dichloropropane-d6	6.751	67	81864	3.892	ug/L	0.06
Spiked Amount	5.000	Range	60 - 140	Recovery	=	77.800%
41) Toluene-d8	7.928	98	178424	3.772	ug/L	0.03
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.400%
43) trans-1,3-Dichloroprop...	8.208	79	24589	3.823	ug/L	0.03
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.400%
46) 2-Hexanone-d5	8.664	63	124625	32.188	ug/L	0.03
Spiked Amount	50.000	Range	45 - 130	Recovery	=	64.380%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	73011	3.788	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	75.800%
66) 1,2-Dichlorobenzene-d4	12.195	152	78238	4.527	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.600%
Target Compounds						Qvalue
3) Chloromethane	1.559	50	22923	0.901	ug/L	89
8) Chloroethane	1.899	64	48529	3.278	ug/L #	51
10) 1,1,2-Trichloro-1,2,2-...	2.600	101	926	0.059	ug/L #	25
14) Carbon disulfide	2.825	76	27813	0.537	ug/L	99
35) Methylcyclohexane	6.751	83	18287	0.729	ug/L #	20
37) 1,2-Dichloropropane	6.748	63	8214	0.425	ug/L #	88
49) Dibromochloromethane	8.571	129	980	0.061	ug/L #	10
61) 1,2,3-Trichloropropane	11.815	75	11191	0.919	ug/L #	68
62) 1,3,5-Trimethylbenzene	11.471	105	1435	0.078	ug/L	90

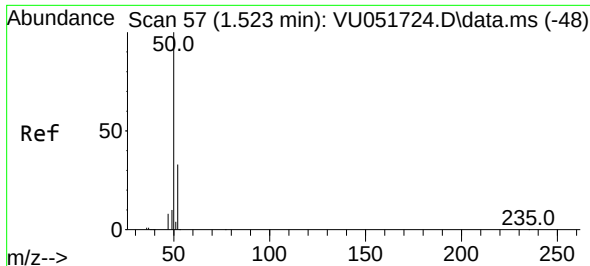
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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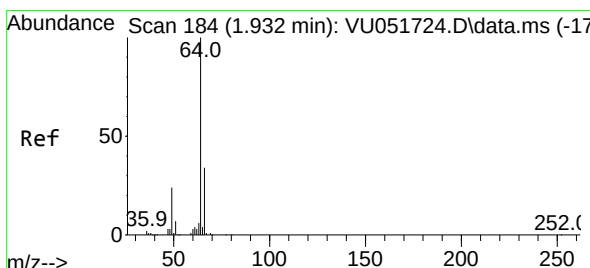
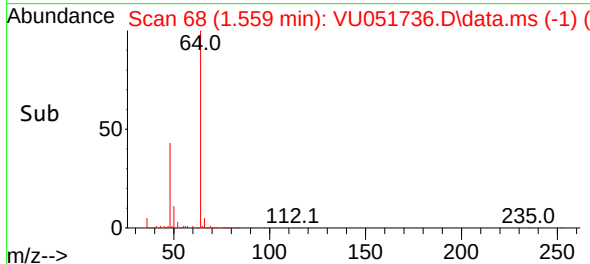
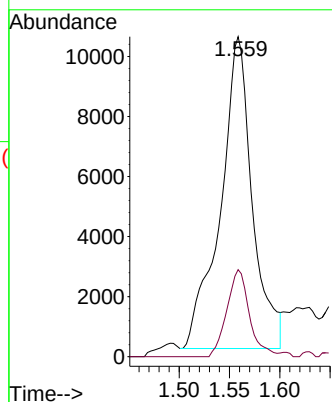
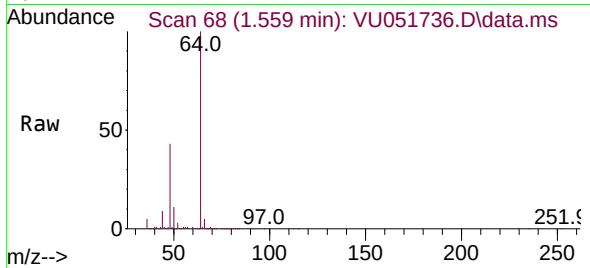




#3
Chloromethane
Concen: 0.901 ug/L
RT: 1.559 min Scan# 61
Delta R.T. 0.035 min
Lab File: VU051736.D
Acq: 03 Nov 2022 16:14

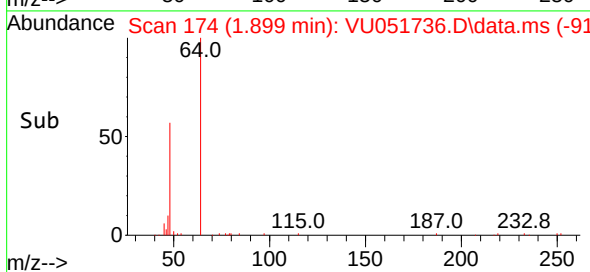
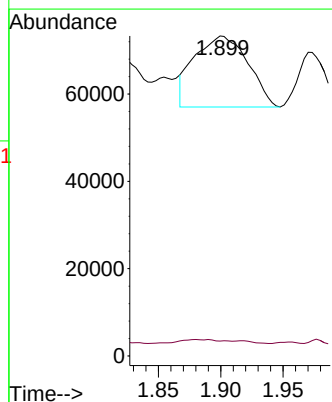
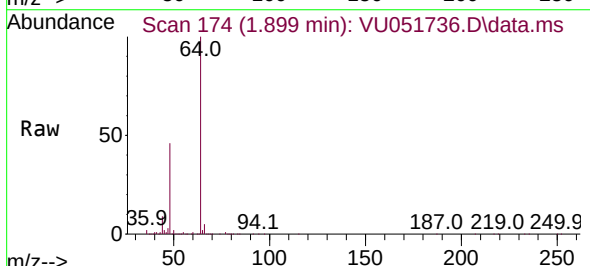
Instrument :
MSVOA_U
ClientSampleId :
EW4Y4

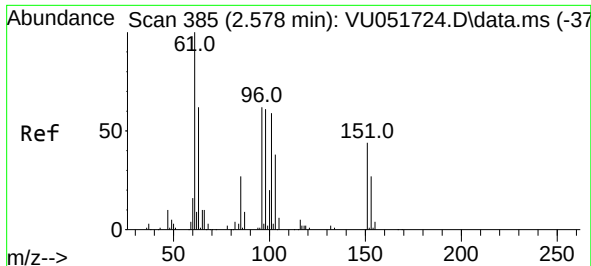
Tgt Ion: 50 Resp: 22923
Ion Ratio Lower Upper
50 100
52 27.2 23.2 43.2



#8
Chloroethane
Concen: 3.278 ug/L
RT: 1.899 min Scan# 174
Delta R.T. -0.032 min
Lab File: VU051736.D
Acq: 03 Nov 2022 16:14

Tgt Ion: 64 Resp: 48529
Ion Ratio Lower Upper
64 100
66 4.6 22.3 41.5

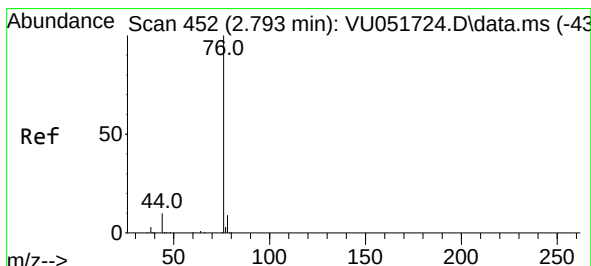
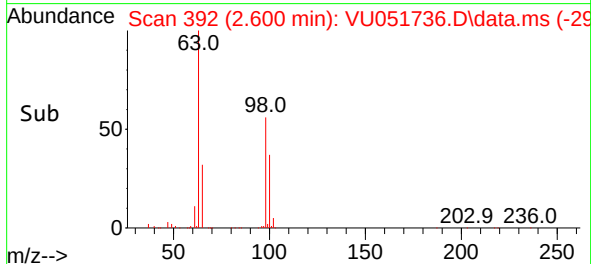
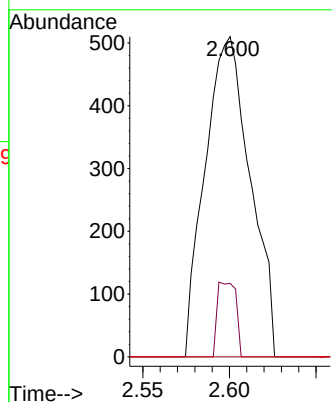
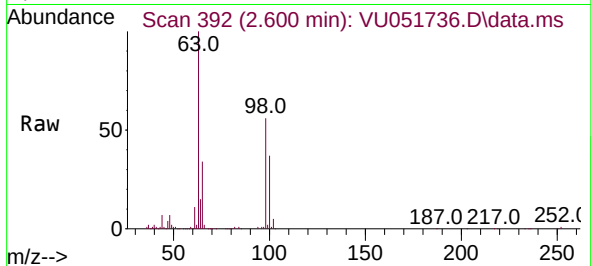




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.059 ug/L
RT: 2.600 min Scan# 392
Delta R.T. 0.023 min
Lab File: VU051736.D
Acq: 03 Nov 2022 16:14

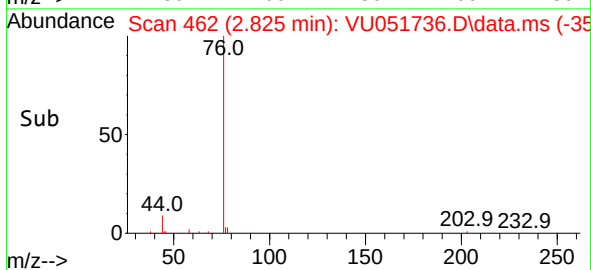
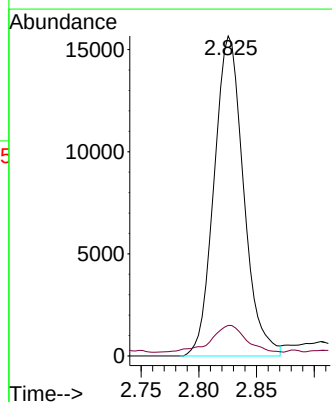
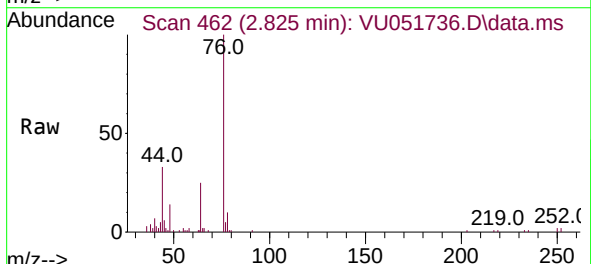
Instrument :
MSVOA_U
ClientSampleId :
EW4Y4

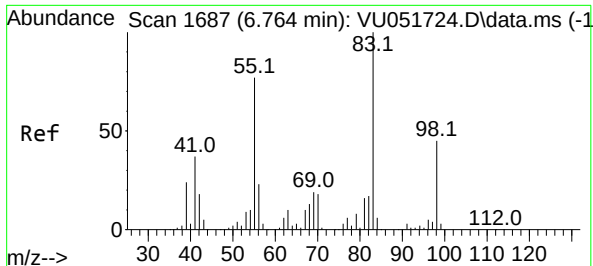
Tgt Ion:101 Resp: 926
Ion Ratio Lower Upper
101 100
85 9.6 35.6 53.4#
151 0.0 59.6 89.4#



#14
Carbon disulfide
Concen: 0.537 ug/L
RT: 2.825 min Scan# 462
Delta R.T. 0.032 min
Lab File: VU051736.D
Acq: 03 Nov 2022 16:14

Tgt Ion: 76 Resp: 27813
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.2





#35

Methylcyclohexane

Concen: 0.729 ug/L

RT: 6.751 min Scan# 1

Delta R.T. -0.013 min

Lab File: VU051736.D

Acq: 03 Nov 2022 16:14

Instrument :

MSVOA_U

ClientSampleId :

EW4Y4

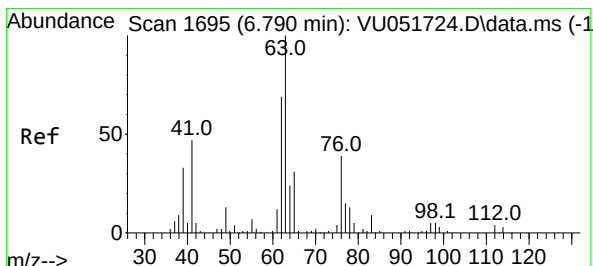
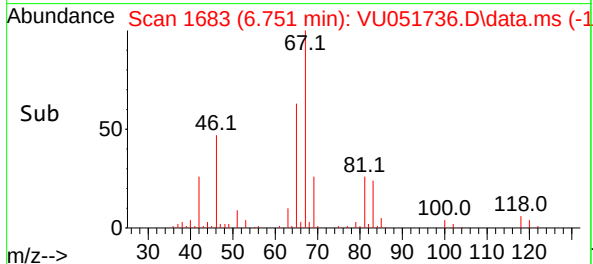
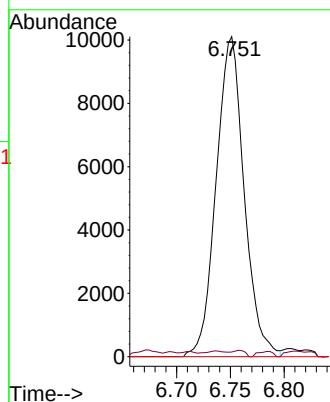
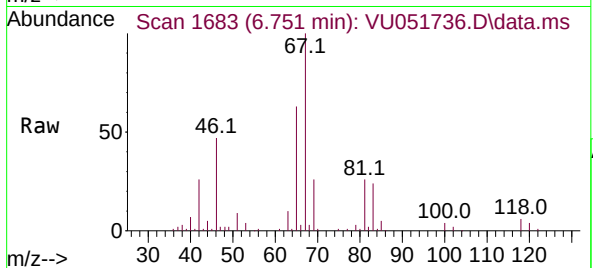
Tgt Ion: 83 Resp: 18287

Ion Ratio Lower Upper

83 100

55 0.9 60.6 90.8#

98 0.0 35.8 53.6#



#37

1,2-Dichloropropane

Concen: 0.425 ug/L

RT: 6.748 min Scan# 1682

Delta R.T. -0.042 min

Lab File: VU051736.D

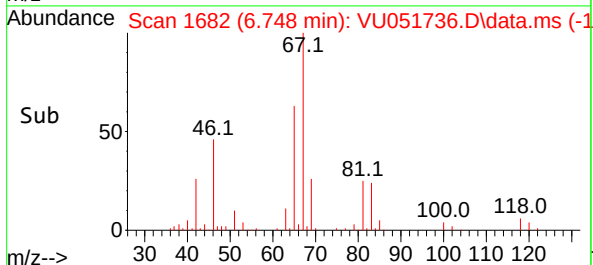
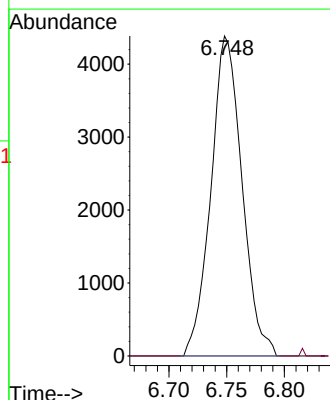
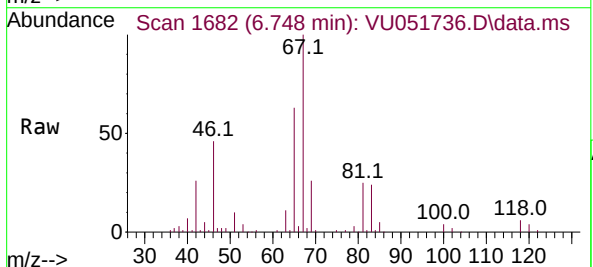
Acq: 03 Nov 2022 16:14

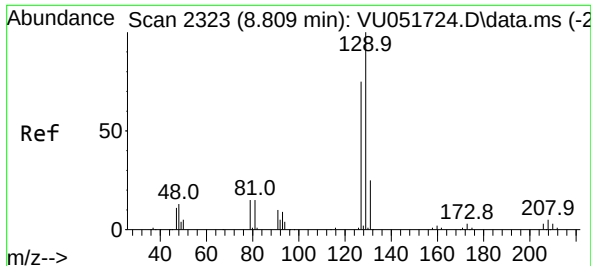
Tgt Ion: 63 Resp: 8214

Ion Ratio Lower Upper

63 100

112 0.2 3.3 4.9#





#49

Dibromochloromethane

Concen: 0.061 ug/L

RT: 8.571 min Scan# 21

Delta R.T. -0.238 min

Lab File: VU051736.D

Acq: 03 Nov 2022 16:14

Instrument :

MSVOA_U

ClientSampleId :

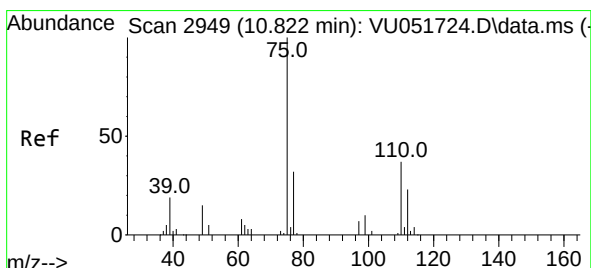
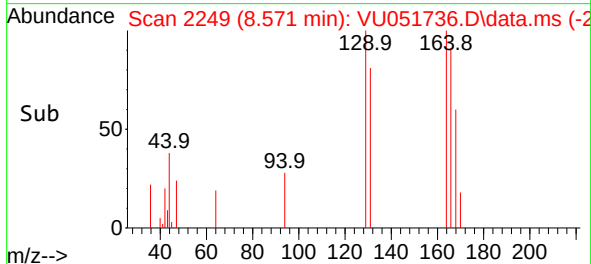
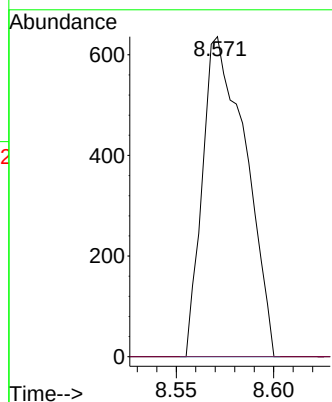
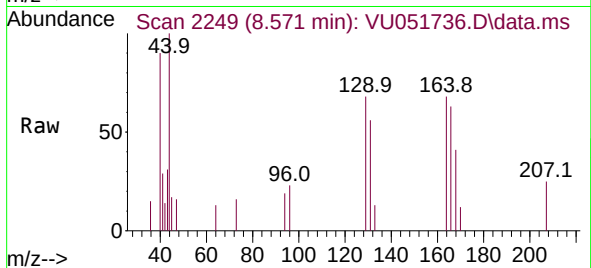
EW4Y4

Tgt Ion:129 Resp: 980

Ion Ratio Lower Upper

129 100

127 0.0 54.8 101.8#



#61

1,2,3-Trichloropropane

Concen: 0.919 ug/L

RT: 11.815 min Scan# 3258

Delta R.T. 0.994 min

Lab File: VU051736.D

Acq: 03 Nov 2022 16:14

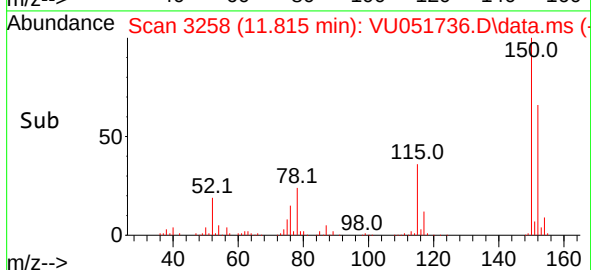
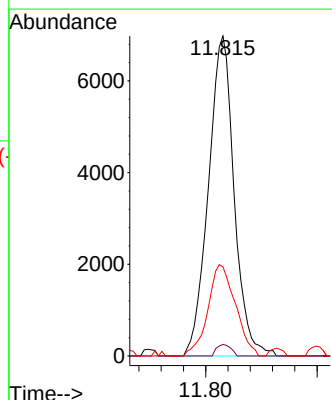
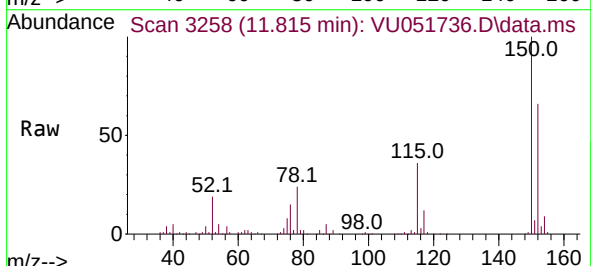
Tgt Ion: 75 Resp: 11191

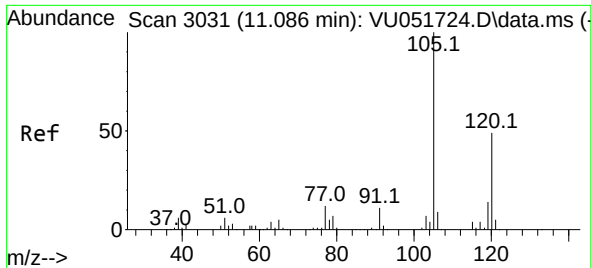
Ion Ratio Lower Upper

75 100

110 2.0 28.7 43.1#

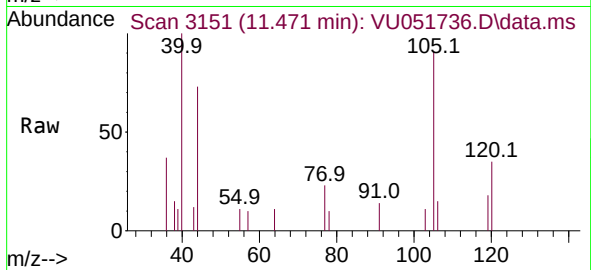
77 30.5 26.1 39.1





#62
 1,3,5-Trimethylbenzene
 Concen: 0.078 ug/L
 RT: 11.471 min Scan# 31
 Delta R.T. 0.386 min
 Lab File: VU051736.D
 Acq: 03 Nov 2022 16:14

Instrument :
 MSVOA_U
 ClientSampleId :
 EW4Y4



Tgt Ion:105 Resp: 1435
 Ion Ratio Lower Upper
 105 100
 120 41.2 38.6 57.8

