

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122624\
 Data File : VU062581.D
 Acq On : 26 Dec 2024 18:44
 Operator : MD/SY
 Sample : P5353-04
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 27 00:27:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 27 00:22:56 2024
 Response via : Initial Calibration

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

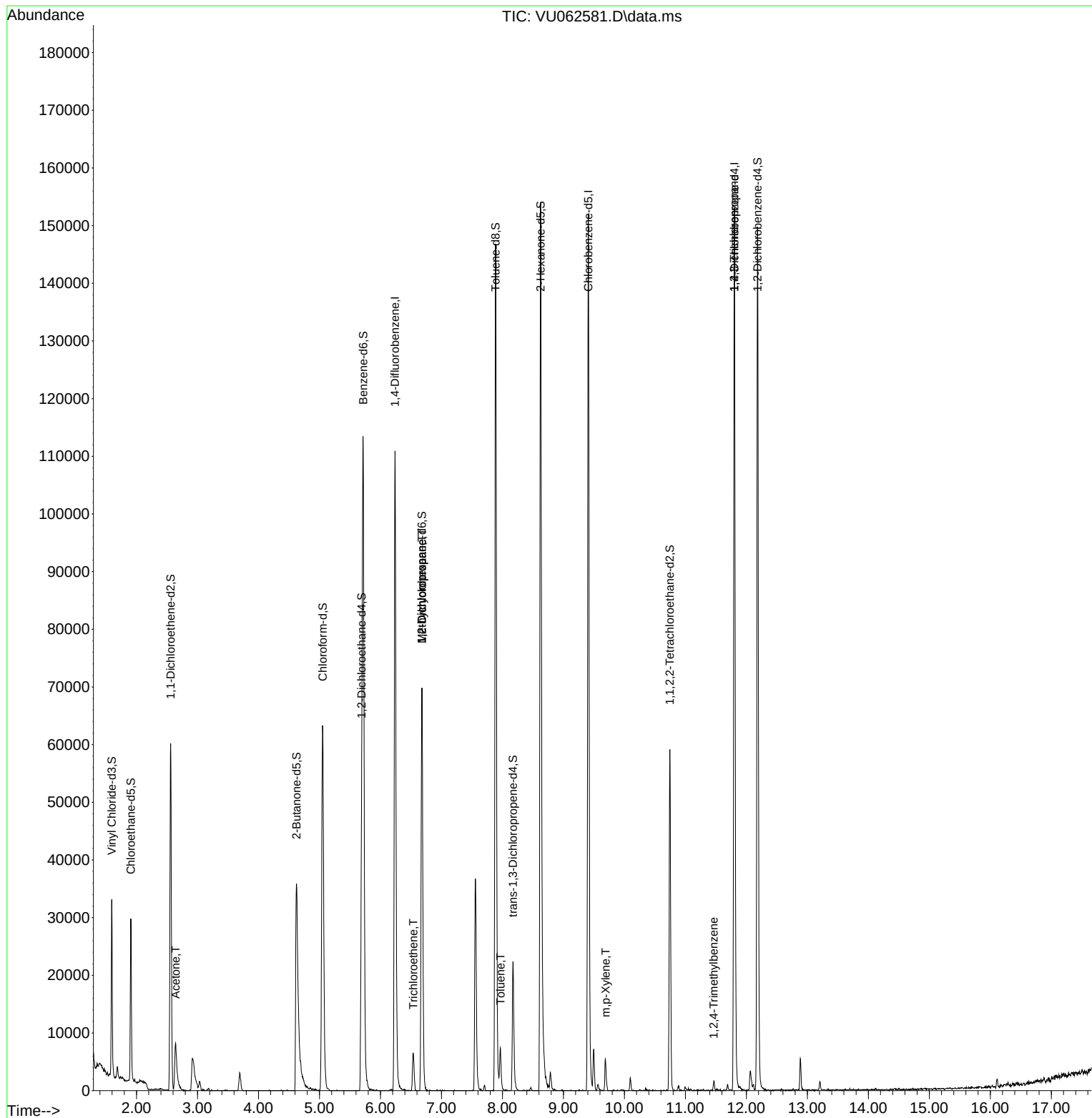
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	92810	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	85454	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	43870	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	21345	3.410	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.200%
7) Chloroethane-d5	1.907	69	18971	4.260	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.200%
11) 1,1-Dichloroethene-d2	2.560	65	11794	3.960	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.200%
20) 2-Butanone-d5	4.624	46	62251	51.887	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.780%
24) Chloroform-d	5.052	84	62352	4.602	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
26) 1,2-Dichloroethane-d4	5.692	65	35856	5.382	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.600%
32) Benzene-d6	5.718	84	106263	4.318	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.400%
36) 1,2-Dichloropropane-d6	6.679	67	30808	4.375	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.400%
41) Toluene-d8	7.888	98	101600	4.370	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.400%
43) trans-1,3-Dichloroprop...	8.174	79	14401	4.646	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.000%
46) 2-Hexanone-d5	8.624	63	56673	60.603	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	121.200%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	27865	5.085	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.800%
66) 1,2-Dichlorobenzene-d4	12.184	152	41995	5.195	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.800%
Target Compounds						
					Qvalue	
13) Acetone	2.640	43	14618	17.895	ug/L	93
34) Trichloroethene	6.541	95	2641	0.352	ug/L	84
35) Methylcyclohexane	6.679	83	9107	0.819	ug/L #	20
37) 1,2-Dichloropropane	6.679	63	4365	0.677	ug/L #	87
42) Toluene	7.968	91	5967	0.209	ug/L	98
53) m,p-Xylene	9.692	106	1700	0.144	ug/L	100
61) 1,2,3-Trichloropropane	11.801	75	4230	1.043	ug/L #	63
63) 1,2,4-Trimethylbenzene	11.463	105	1488	0.057	ug/L #	84

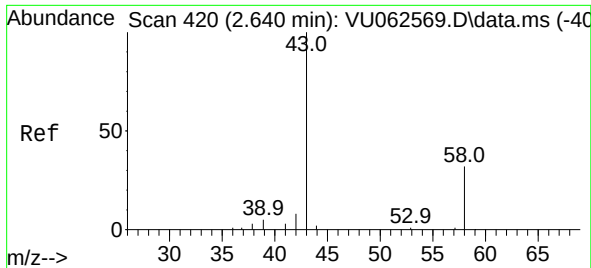
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 27 00:22:56 2024
Response via : Initial Calibration





#13

Acetone

Concen: 17.895 ug/L

RT: 2.640 min Scan# 41

Delta R.T. 0.000 min

Lab File: VU062581.D

Acq: 26 Dec 2024 18:44

Instrument :

MSVOA_U

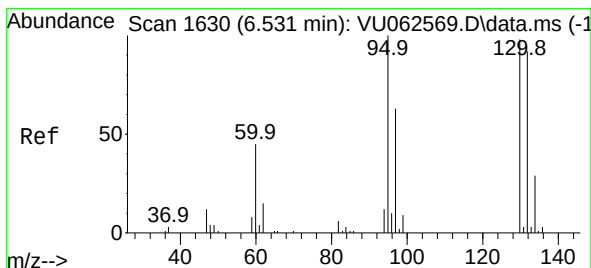
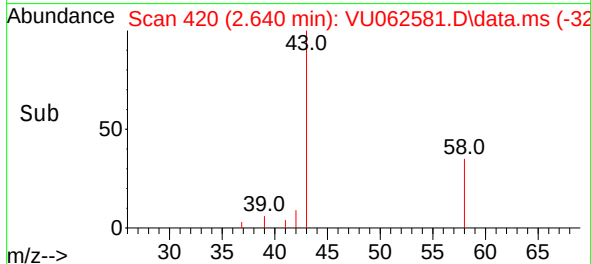
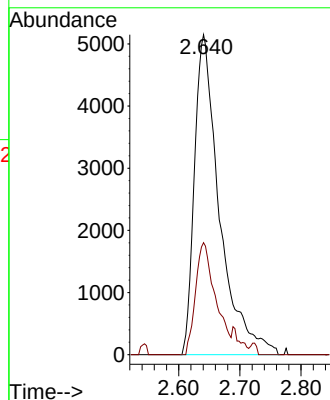
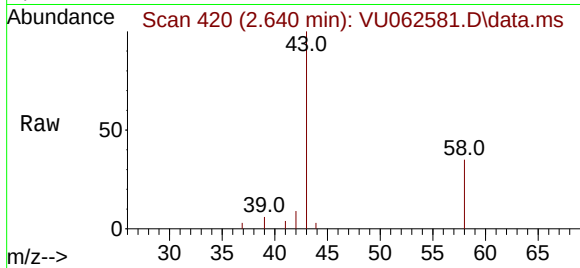
ClientSampleId :

Tgt Ion: 43 Resp: 14618

Ion Ratio Lower Upper

43 100

58 28.1 0.0 64.0



#34

Trichloroethene

Concen: 0.352 ug/L

RT: 6.541 min Scan# 1633

Delta R.T. 0.010 min

Lab File: VU062581.D

Acq: 26 Dec 2024 18:44

Tgt Ion: 95 Resp: 2641

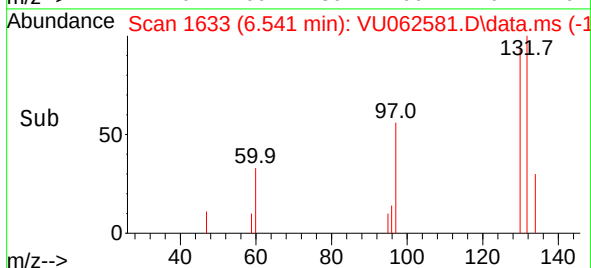
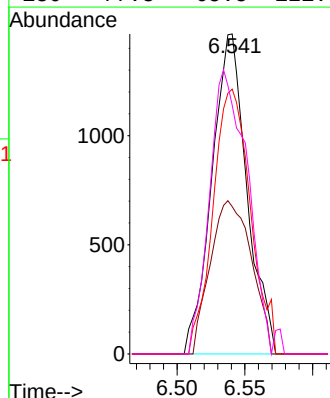
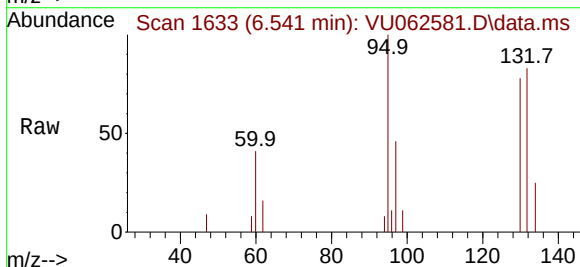
Ion Ratio Lower Upper

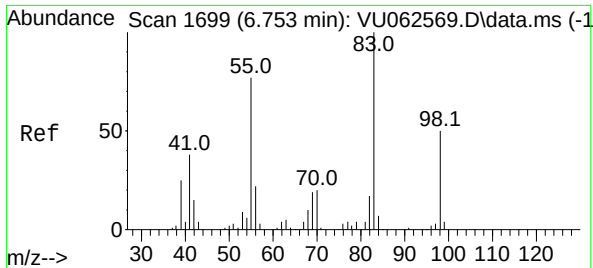
95 100

97 46.0 45.9 85.3

132 82.7 63.8 118.4

130 77.8 65.5 121.7





#35

Methylcyclohexane

Concen: 0.819 ug/L

RT: 6.679 min Scan# 1676

Delta R.T. -0.074 min

Lab File: VU062581.D

Acq: 26 Dec 2024 18:44

Instrument :

MSVOA_U

ClientSampleId :

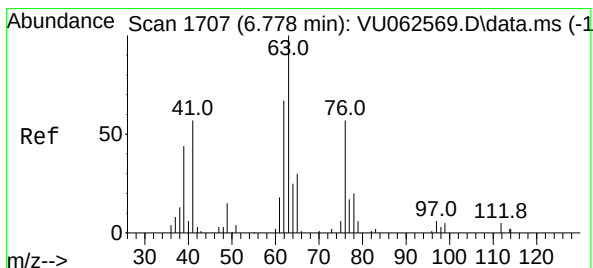
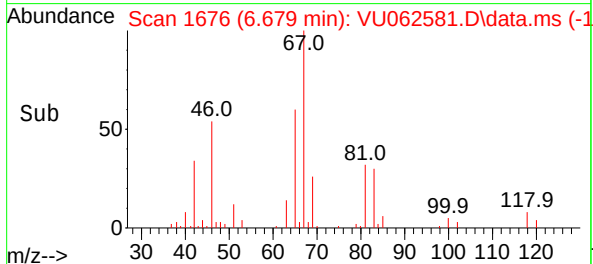
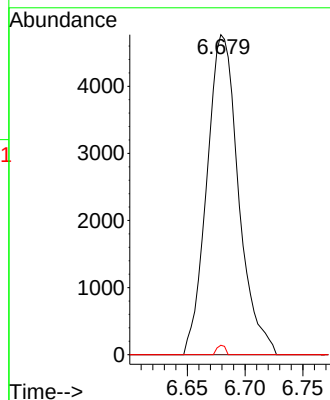
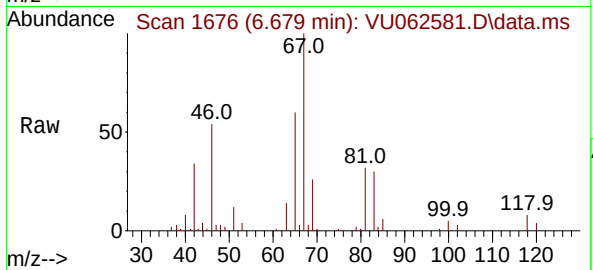
Tgt Ion: 83 Resp: 9107

Ion Ratio Lower Upper

83 100

55 0.0 60.7 91.1#

98 0.8 34.8 52.2#



#37

1,2-Dichloropropane

Concen: 0.677 ug/L

RT: 6.679 min Scan# 1676

Delta R.T. -0.100 min

Lab File: VU062581.D

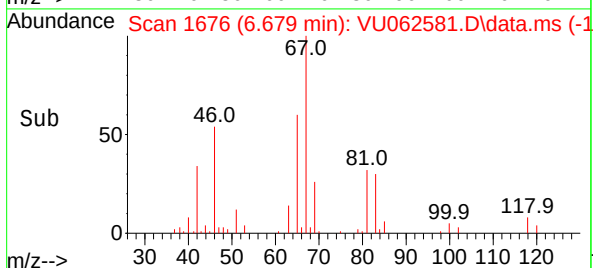
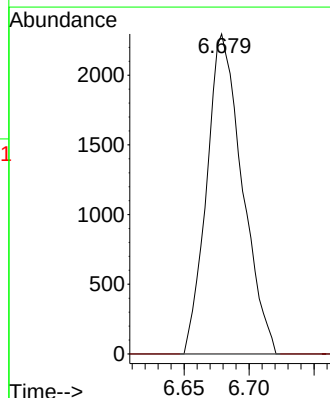
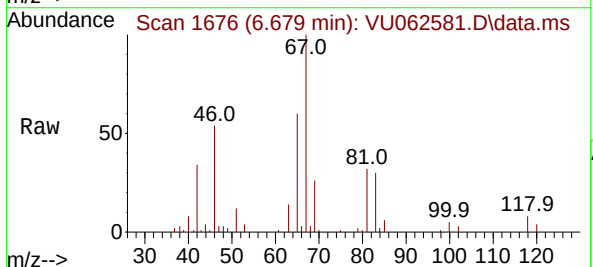
Acq: 26 Dec 2024 18:44

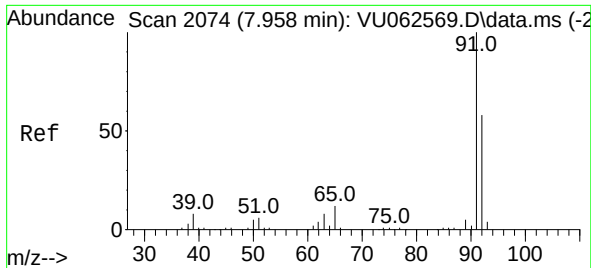
Tgt Ion: 63 Resp: 4365

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#





#42

Toluene

Concen: 0.209 ug/L

RT: 7.968 min Scan# 2074

Delta R.T. 0.010 min

Lab File: VU062581.D

Acq: 26 Dec 2024 18:44

Instrument :

MSVOA_U

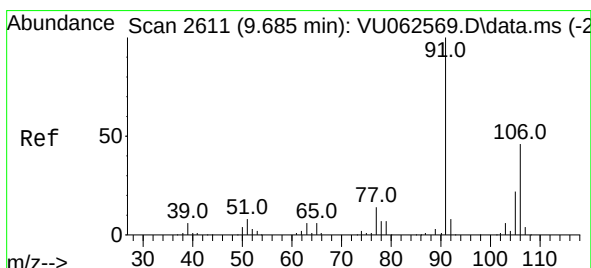
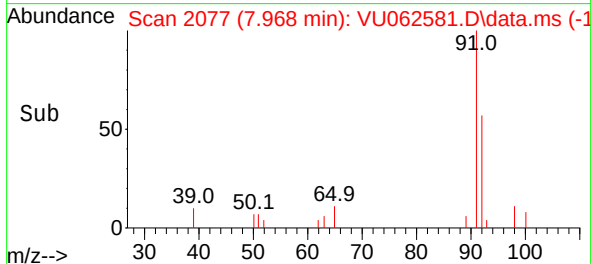
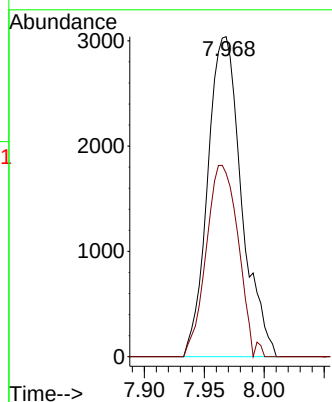
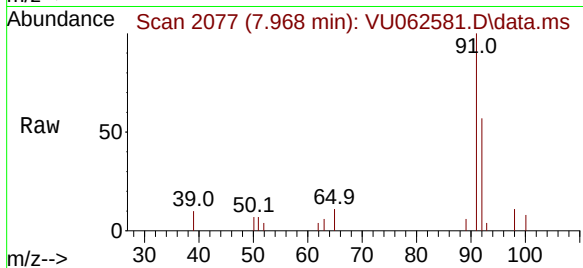
ClientSampleId :

Tgt Ion: 91 Resp: 5967

Ion Ratio Lower Upper

91 100

92 57.3 39.0 72.4



#53

m,p-Xylene

Concen: 0.144 ug/L

RT: 9.692 min Scan# 2613

Delta R.T. 0.007 min

Lab File: VU062581.D

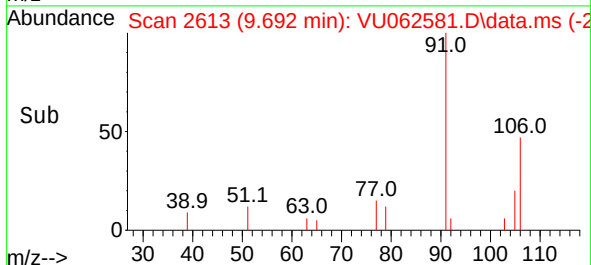
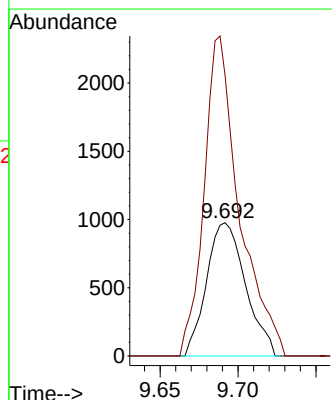
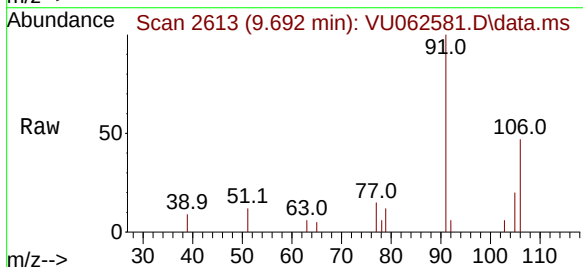
Acq: 26 Dec 2024 18:44

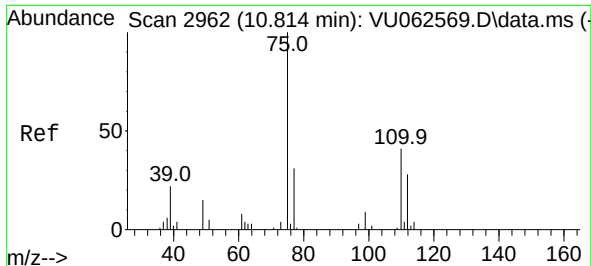
Tgt Ion:106 Resp: 1700

Ion Ratio Lower Upper

106 100

91 211.0 147.6 274.0





#61

1,2,3-Trichloropropane

Concen: 1.043 ug/L

RT: 11.801 min Scan# 3164

Delta R.T. 0.987 min

Lab File: VU062581.D

Acq: 26 Dec 2024 18:44

Instrument :

MSVOA_U

ClientSampleId :

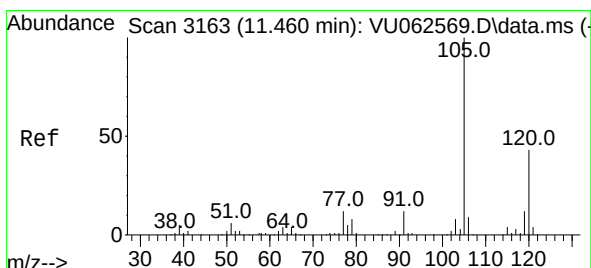
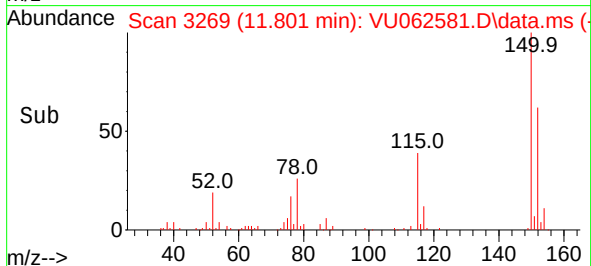
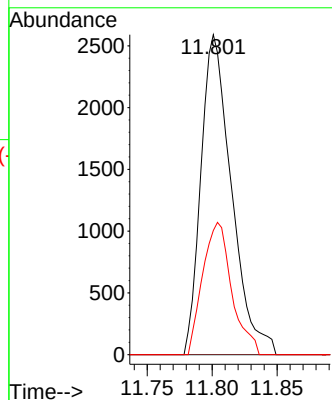
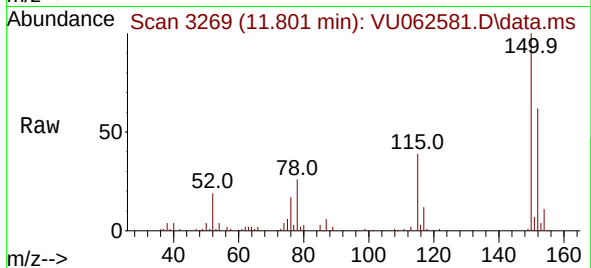
Tgt Ion: 75 Resp: 4230

Ion Ratio Lower Upper

75 100

110 0.0 28.9 43.3#

77 39.4 26.5 39.7



#63

1,2,4-Trimethylbenzene

Concen: 0.057 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. 0.003 min

Lab File: VU062581.D

Acq: 26 Dec 2024 18:44

Tgt Ion: 105 Resp: 1488

Ion Ratio Lower Upper

105 100

120 33.4 34.7 52.1#

