

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122023\
 Data File : VU057086.D
 Acq On : 20 Dec 2023 12:51
 Operator : MD/SY
 Sample : 05771-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 20 23:44:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 20 23:41:59 2023
 Response via : Initial Calibration

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

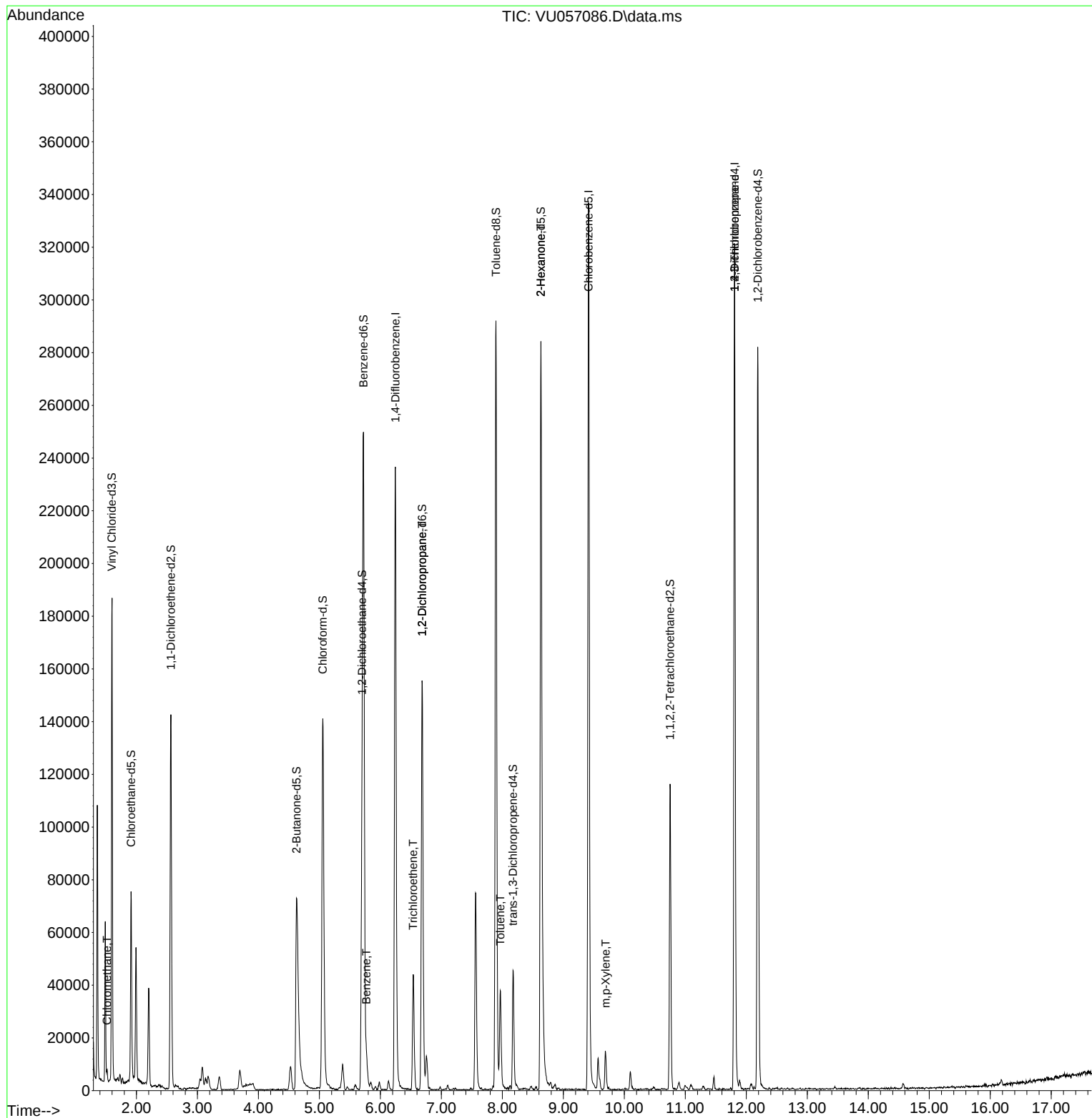
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	190356	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	193756	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	81791	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	61569	3.773	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.400%
7) Chloroethane-d5	1.911	69	52497	4.299	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.000%
11) 1,1-Dichloroethene-d2	2.563	65	28514	4.084	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.600%
20) 2-Butanone-d5	4.624	46	123082	38.197	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	76.400%
24) Chloroform-d	5.055	84	136655	4.423	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.400%
26) 1,2-Dichloroethane-d4	5.698	65	66765	4.566	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.400%
32) Benzene-d6	5.721	84	239145	3.979	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.600%
36) 1,2-Dichloropropane-d6	6.682	67	73814	3.924	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	78.400%
41) Toluene-d8	7.894	98	203985	3.798	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.000%
43) trans-1,3-Dichloroprop...	8.174	79	26690	3.659	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.200%
46) 2-Hexanone-d5	8.631	63	96700	35.147	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	70.300%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	56447	4.148	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	71111	4.423	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.400%
Target Compounds						Qvalue
3) Chloromethane	1.518	50	2559	0.130	ug/L	91
33) Benzene	5.769	78	10134	0.149	ug/L	100
34) Trichloroethene	6.537	95	15578	0.834	ug/L	98
37) 1,2-Dichloropropane	6.682	63	8891	0.510	ug/L #	88
42) Toluene	7.965	91	27351	0.388	ug/L	98
48) 2-Hexanone	8.631	43	12899	2.190	ug/L #	82
53) m,p-Xylene	9.692	106	4007	0.138	ug/L	79
61) 1,2,3-Trichloropropane	11.807	75	10469	1.192	ug/L #	68

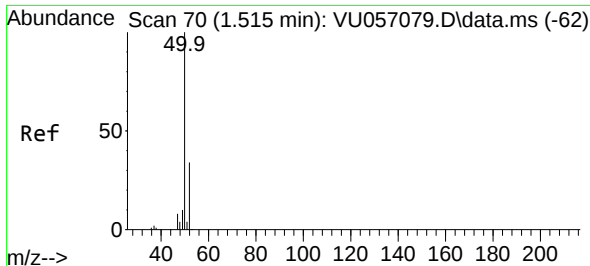
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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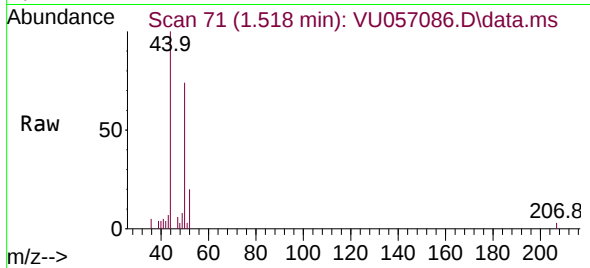
Quant Time: Dec 20 23:44:14 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
Quant Title : TRACE VOA SFAM1.0
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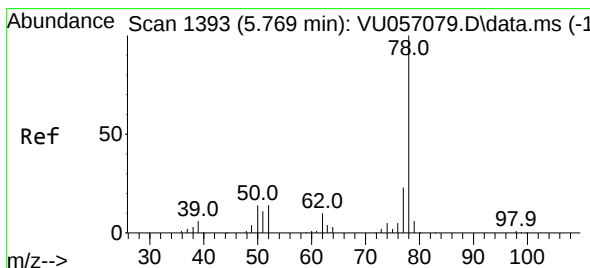
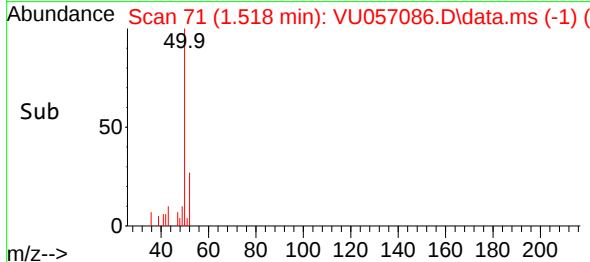
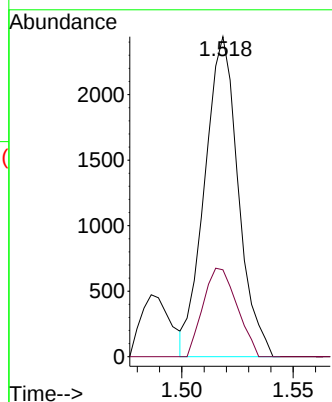


#3
Chloromethane
Concen: 0.130 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU057086.D
Acq: 20 Dec 2023 12:51

Instrument :
MSVOA_U
ClientSampleId :

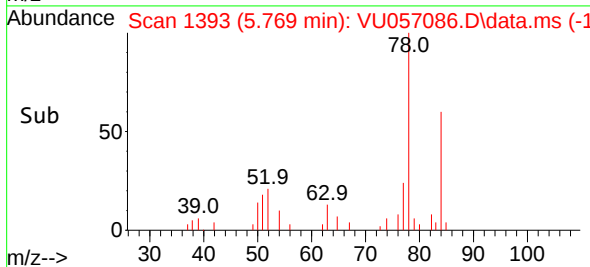
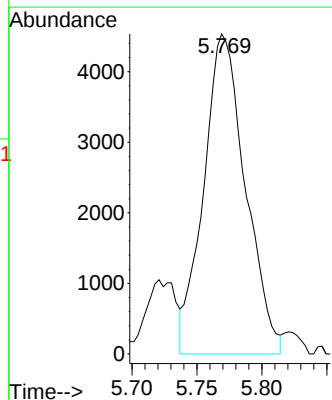
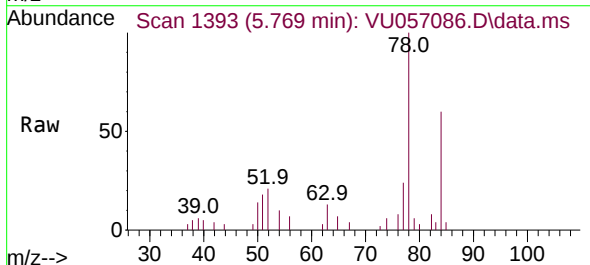


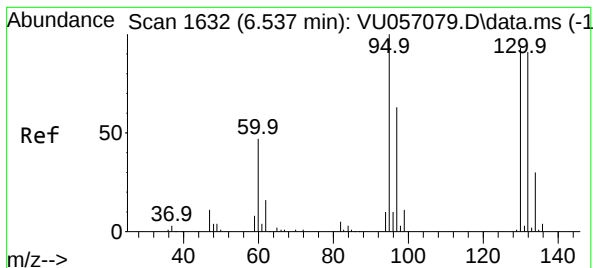
Tgt Ion: 50 Resp: 2559
Ion Ratio Lower Upper
50 100
52 27.1 22.5 41.7



#33
Benzene
Concen: 0.149 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.000 min
Lab File: VU057086.D
Acq: 20 Dec 2023 12:51

Tgt Ion: 78 Resp: 10134





#34

Trichloroethene

Concen: 0.834 ug/L

RT: 6.537 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU057086.D

Acq: 20 Dec 2023 12:51

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 15578

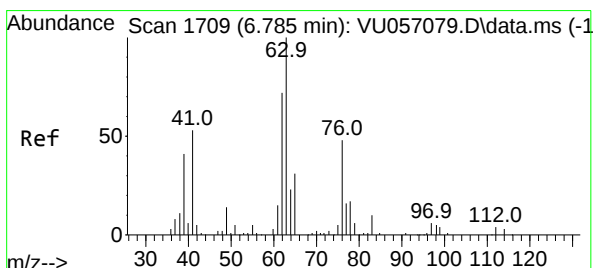
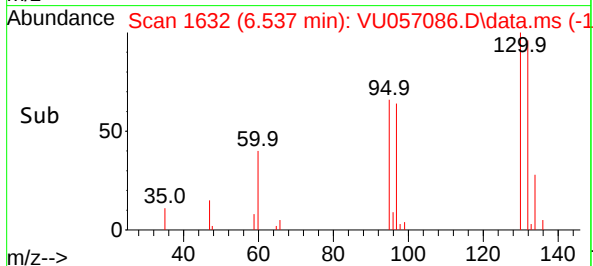
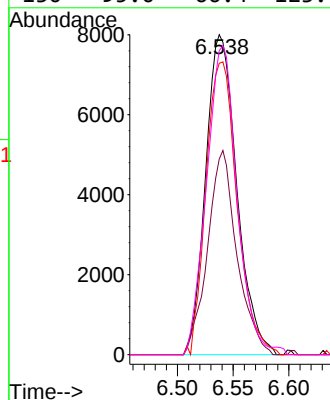
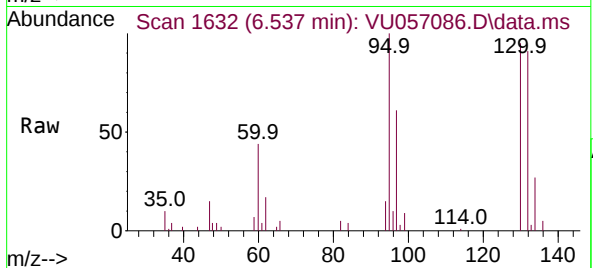
Ion Ratio Lower Upper

95 100

97 61.2 46.1 85.5

132 91.1 63.6 118.0

130 95.0 66.4 123.4



#37

1,2-Dichloropropane

Concen: 0.510 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.103 min

Lab File: VU057086.D

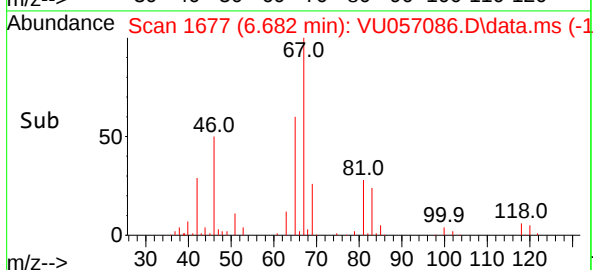
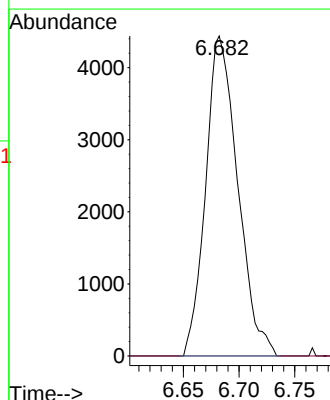
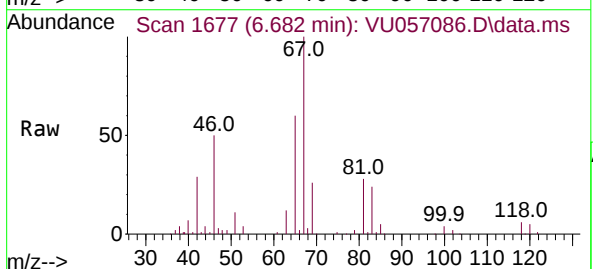
Acq: 20 Dec 2023 12:51

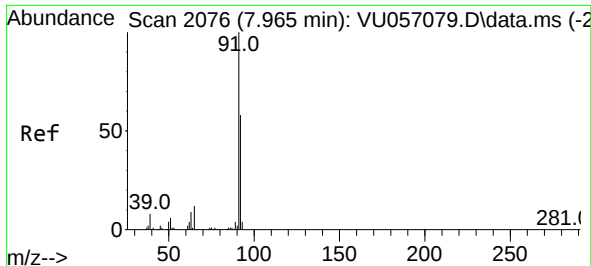
Tgt Ion: 63 Resp: 8891

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#





#42

Toluene

Concen: 0.388 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.000 min

Lab File: VU057086.D

Acq: 20 Dec 2023 12:51

Instrument :

MSVOA_U

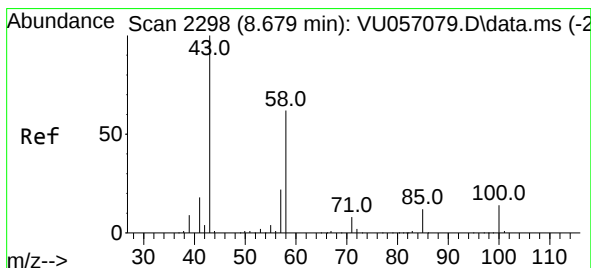
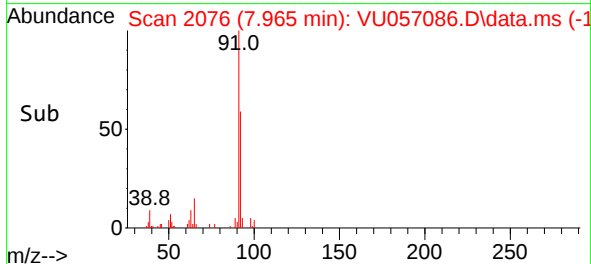
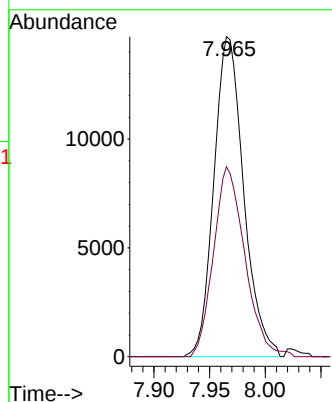
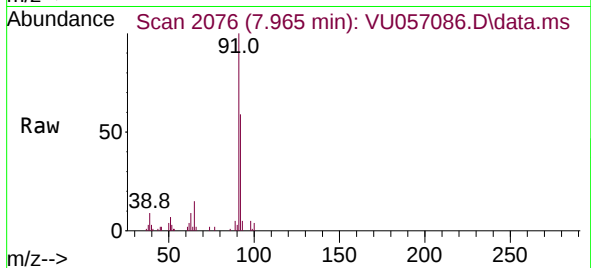
ClientSampleId :

Tgt Ion: 91 Resp: 27351

Ion Ratio Lower Upper

91 100

92 59.4 40.4 75.0



#48

2-Hexanone

Concen: 2.190 ug/L

RT: 8.631 min Scan# 2283

Delta R.T. -0.048 min

Lab File: VU057086.D

Acq: 20 Dec 2023 12:51

Tgt Ion: 43 Resp: 12899

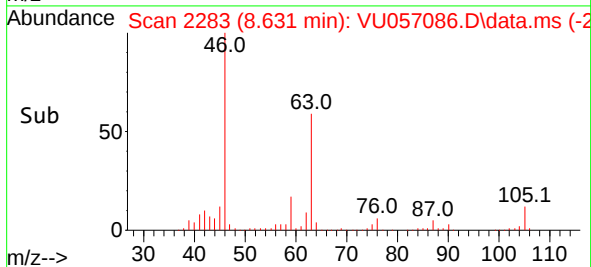
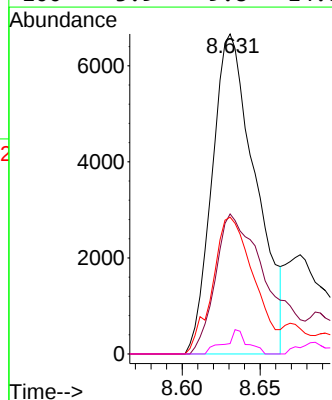
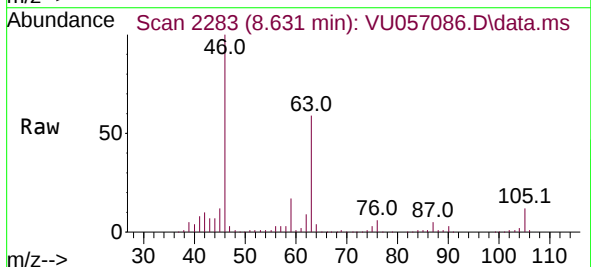
Ion Ratio Lower Upper

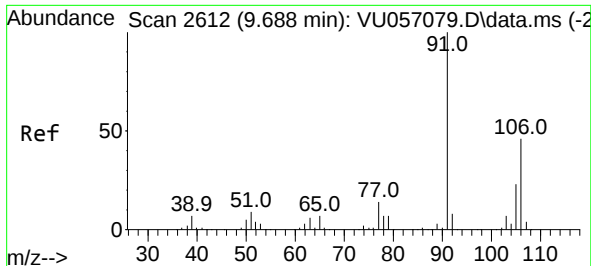
43 100

58 52.8 47.5 71.3

57 41.0 17.0 25.4#

100 3.9 9.8 14.8#

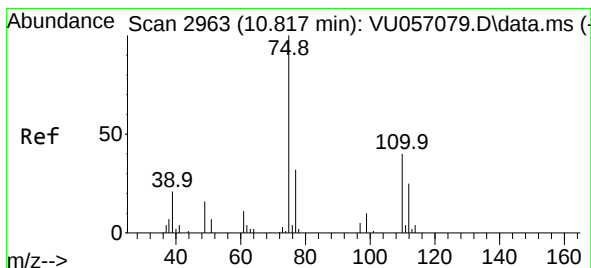
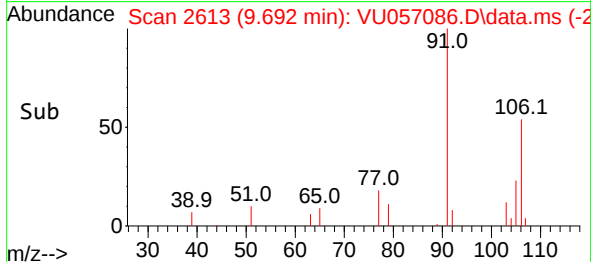
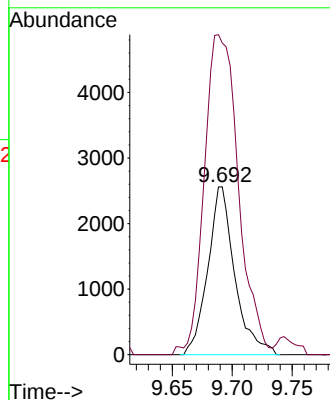
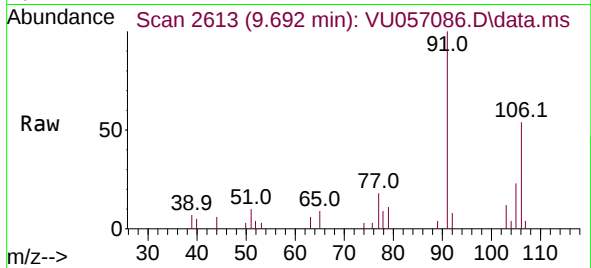




#53
m,p-Xylene
Concen: 0.138 ug/L
RT: 9.692 min Scan# 2071
Delta R.T. 0.003 min
Lab File: VU057086.D
Acq: 20 Dec 2023 12:51

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:106 Resp: 4007
Ion Ratio Lower Upper
106 100
91 185.6 154.0 286.0



#61
1,2,3-Trichloropropane
Concen: 1.192 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU057086.D
Acq: 20 Dec 2023 12:51

Tgt Ion: 75 Resp: 10469
Ion Ratio Lower Upper
75 100
110 1.3 28.4 42.6#
77 31.5 26.3 39.5

