

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121523\
 Data File : VU056872.D
 Acq On : 15 Dec 2023 12:20
 Operator : MD/SY
 Sample : 05664-13DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 15 22:25:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 15 01:53:53 2023
 Response via : Initial Calibration

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

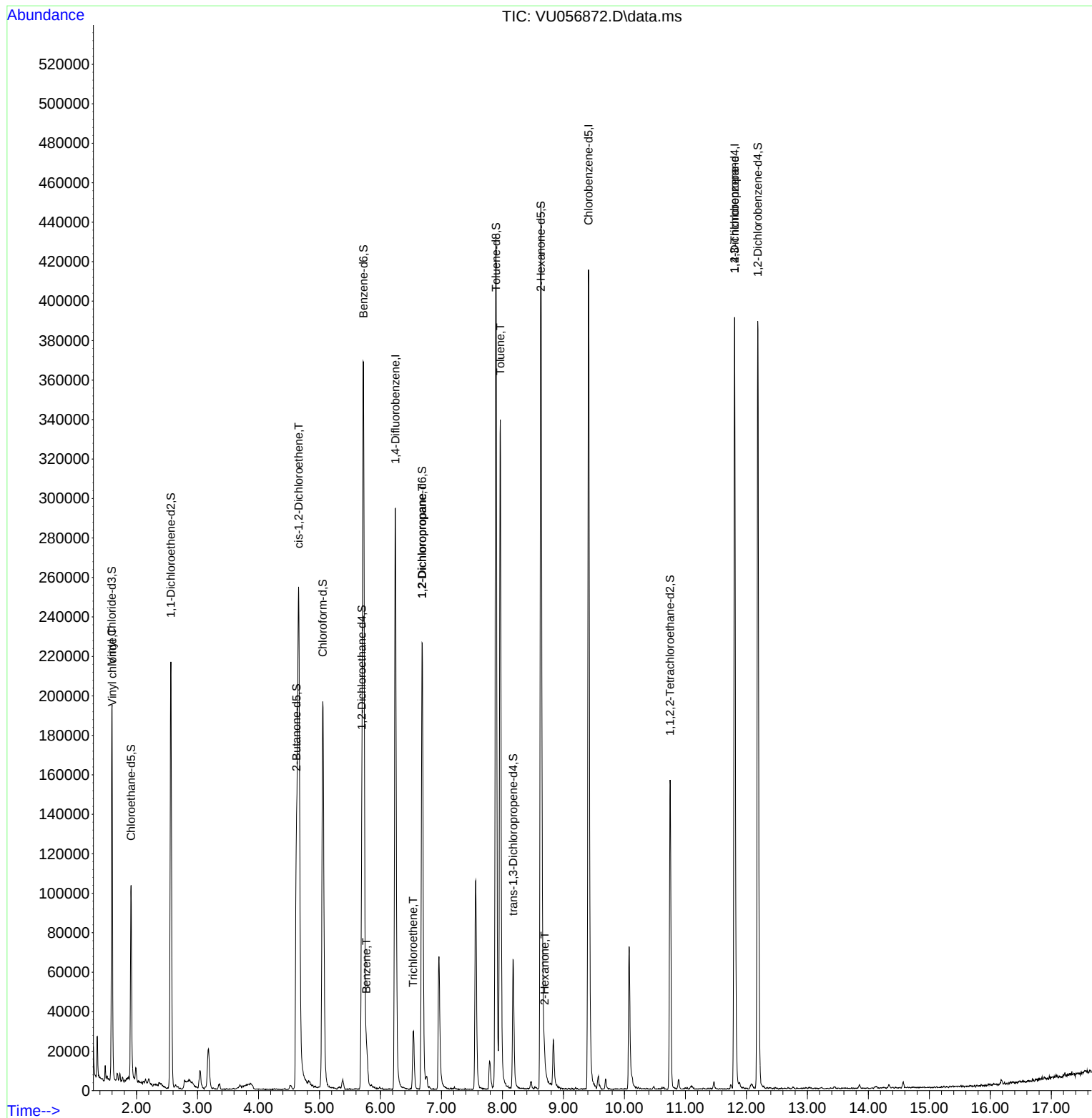
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	243414	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	241152	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	103641	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	92492	4.433	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.600%
7) Chloroethane-d5	1.911	69	72558	4.647	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.000%
11) 1,1-Dichloroethene-d2	2.563	65	40207	4.504	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.000%
20) 2-Butanone-d5	4.624	46	202124	49.054	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.100%
24) Chloroform-d	5.055	84	188883	4.781	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
26) 1,2-Dichloroethane-d4	5.695	65	90249	4.827	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.600%
32) Benzene-d6	5.721	84	363657	4.862	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
36) 1,2-Dichloropropane-d6	6.682	67	115383	4.928	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.600%
41) Toluene-d8	7.894	98	299541	4.481	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.600%
43) trans-1,3-Dichloroprop...	8.177	79	41245	4.543	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.800%
46) 2-Hexanone-d5	8.631	63	156665	45.751	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.500%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	79524	4.695	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	102073	5.010	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.200%
Target Compounds						Qvalue
5) Vinyl chloride	1.602	62	43768	1.757	ug/L	96
22) cis-1,2-Dichloroethene	4.660	96	116275	5.334	ug/L	98
33) Benzene	5.769	78	18541	0.219	ug/L	100
34) Trichloroethene	6.537	95	10698	0.460	ug/L	97
37) 1,2-Dichloropropane	6.685	63	11845	0.546	ug/L #	88
42) Toluene	7.965	91	254044	2.897	ug/L	99
48) 2-Hexanone	8.692	43	7416	1.011	ug/L #	46
61) 1,2,3-Trichloropropane	11.807	75	13200	1.186	ug/L #	54

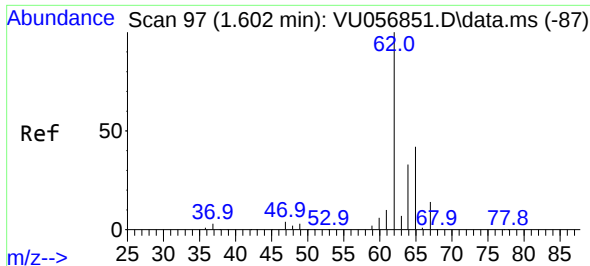
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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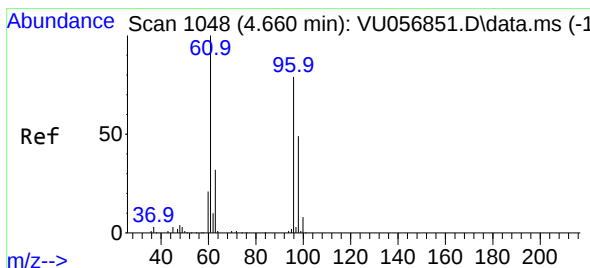
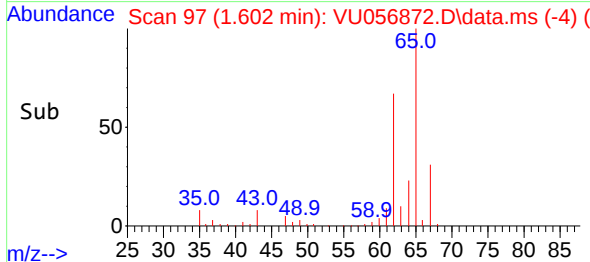
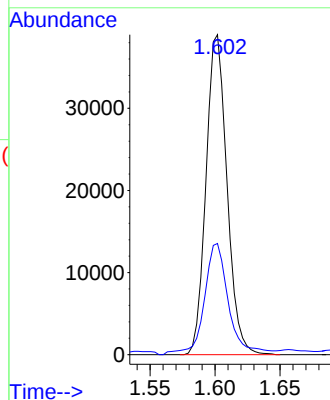
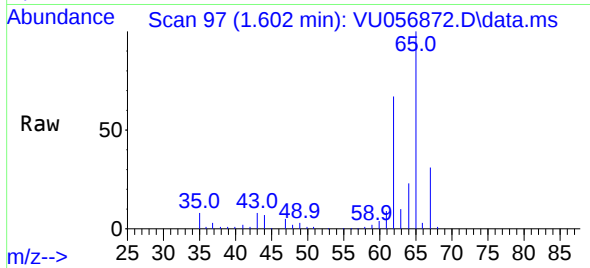




#5
 Vinyl chloride
 Concen: 1.757 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VU056872.D
 Acq: 15 Dec 2023 12:20

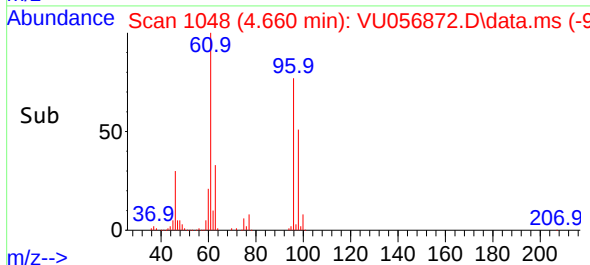
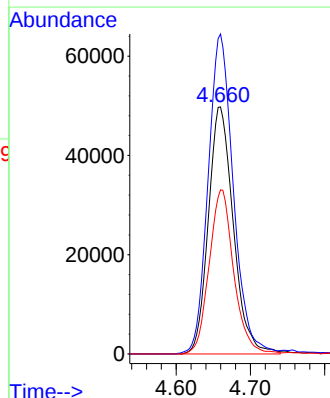
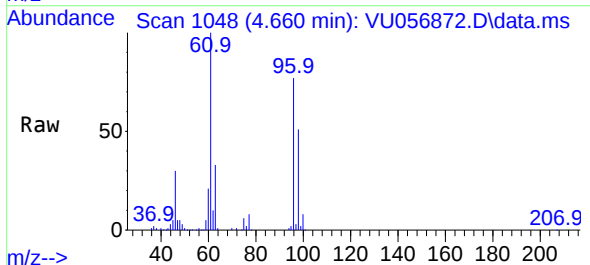
Instrument :
 MSVOA_U
 ClientSampleId :

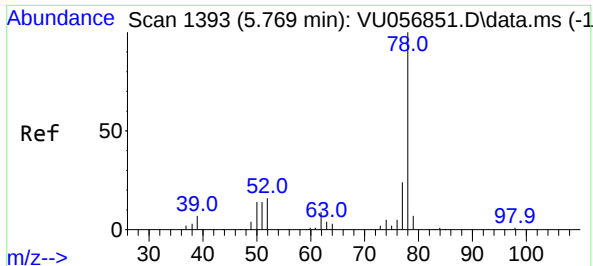
Tgt Ion: 62 Resp: 43768
 Ion Ratio Lower Upper
 62 100
 64 34.7 22.8 42.4



#22
 cis-1,2-Dichloroethene
 Concen: 5.334 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. -0.000 min
 Lab File: VU056872.D
 Acq: 15 Dec 2023 12:20

Tgt Ion: 96 Resp: 116275
 Ion Ratio Lower Upper
 96 100
 61 129.5 91.3 169.6
 98 66.5 44.2 82.0

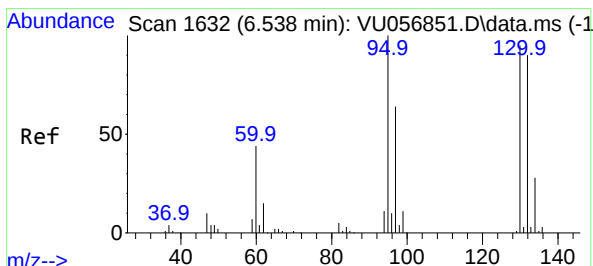
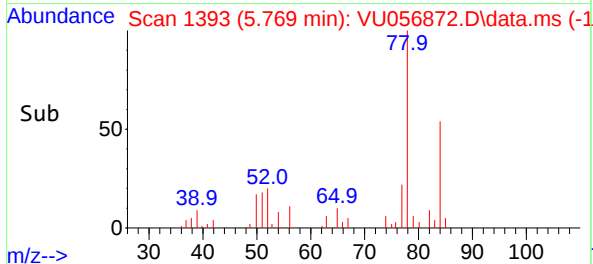
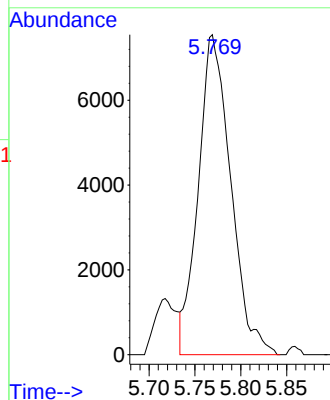
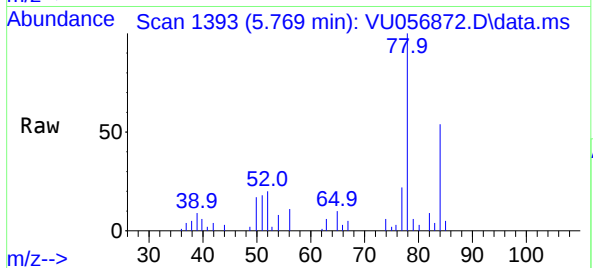




#33
Benzene
Concen: 0.219 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. -0.000 min
Lab File: VU056872.D
Acq: 15 Dec 2023 12:20

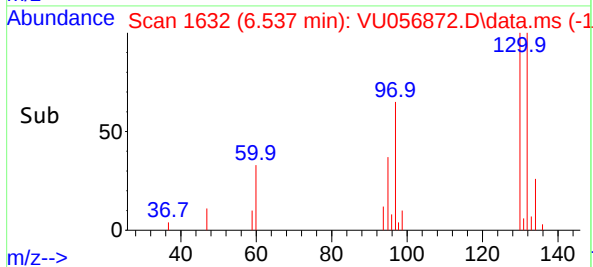
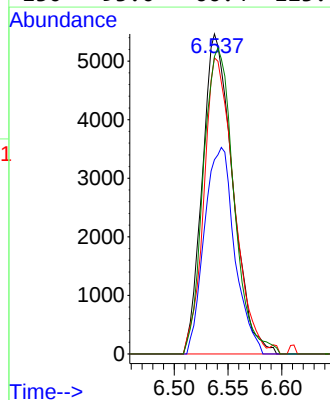
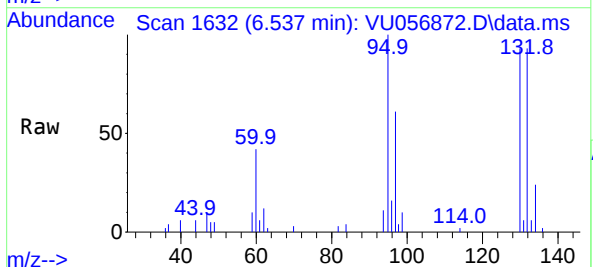
Instrument :
MSVOA_U
ClientSampleId :

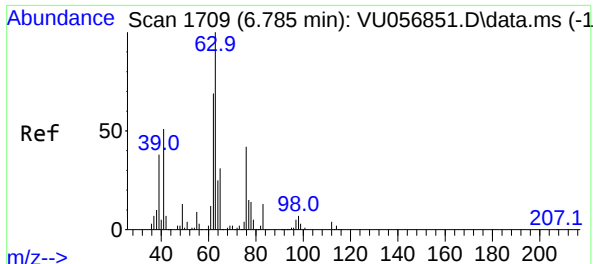
Tgt Ion: 78 Resp: 18541



#34
Trichloroethene
Concen: 0.460 ug/L
RT: 6.537 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VU056872.D
Acq: 15 Dec 2023 12:20

Tgt Ion: 95 Resp: 10698
Ion Ratio Lower Upper
95 100
97 60.7 46.1 85.5
132 92.6 63.6 118.0
130 93.0 66.4 123.4

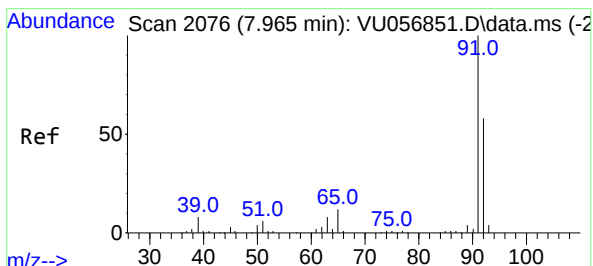
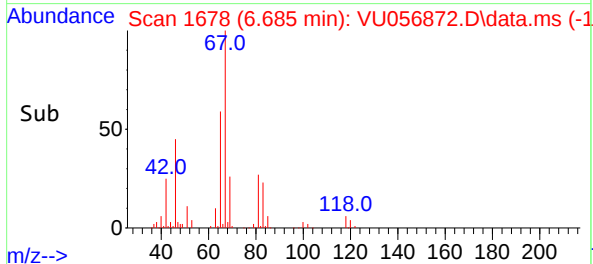
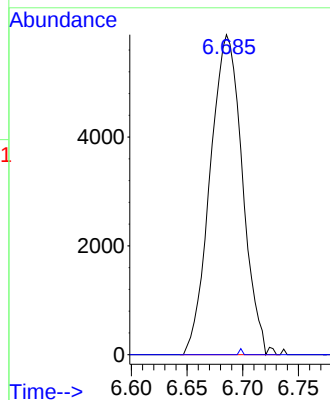
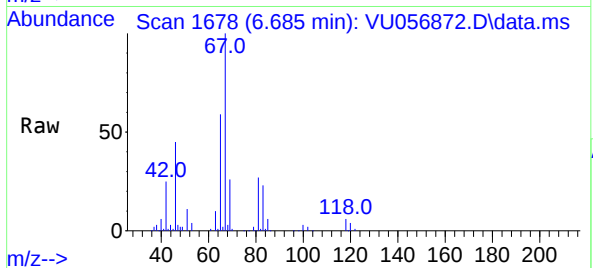




#37
1,2-Dichloropropane
Concen: 0.546 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU056872.D
Acq: 15 Dec 2023 12:20

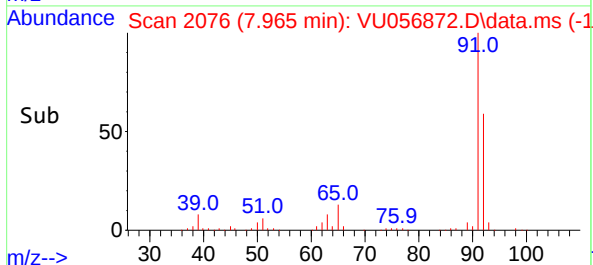
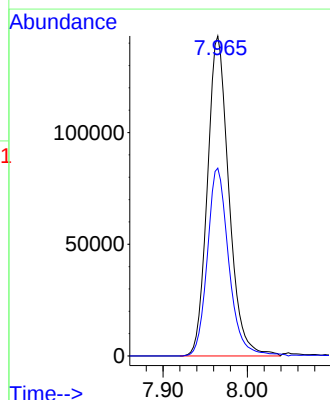
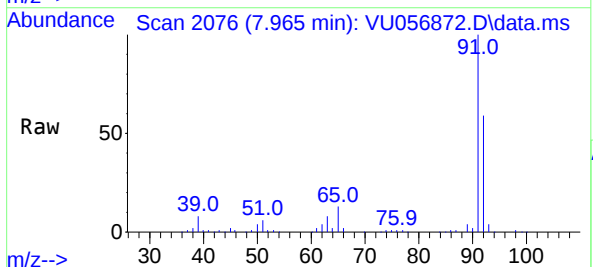
Instrument :
MSVOA_U
ClientSampleId :

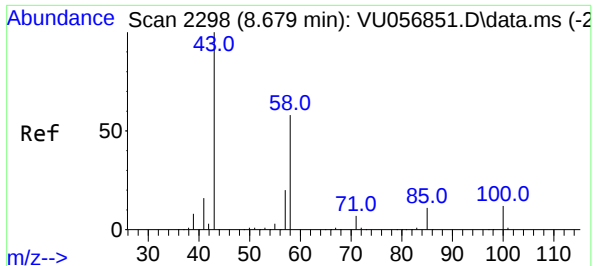
Tgt Ion: 63 Resp: 11845
Ion Ratio Lower Upper
63 100
112 0.2 3.3 4.9#



#42
Toluene
Concen: 2.897 ug/L
RT: 7.965 min Scan# 2076
Delta R.T. -0.000 min
Lab File: VU056872.D
Acq: 15 Dec 2023 12:20

Tgt Ion: 91 Resp: 254044
Ion Ratio Lower Upper
91 100
92 58.7 40.4 75.0

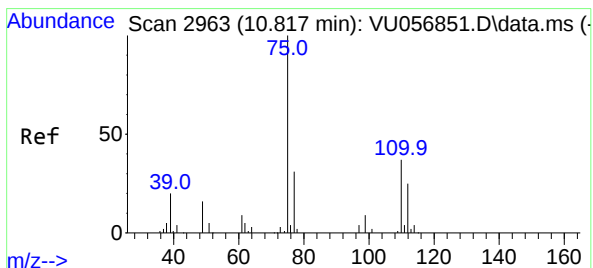
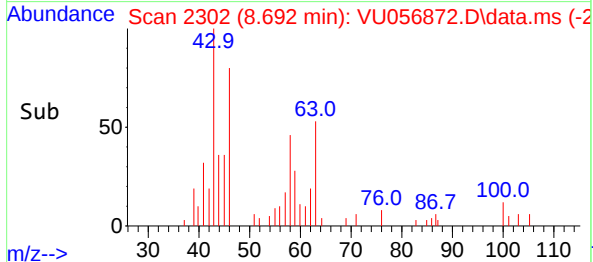
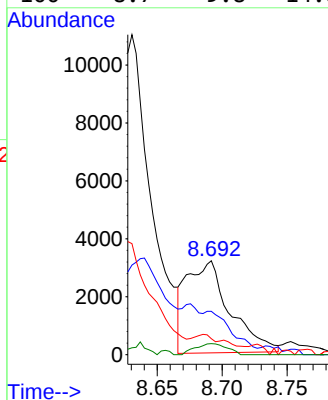
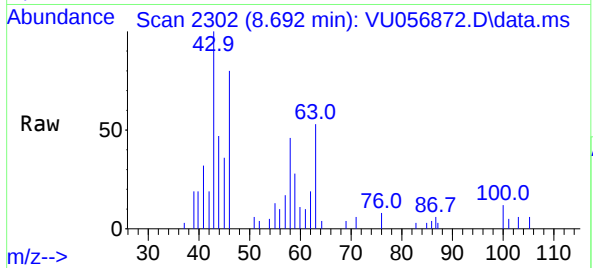




#48
2-Hexanone
Concen: 1.011 ug/L
RT: 8.692 min Scan# 21
Delta R.T. 0.013 min
Lab File: VU056872.D
Acq: 15 Dec 2023 12:20

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43	Resp: 7416
Ion Ratio	Lower Upper
43	100
58	0.0 47.5 71.3#
57	16.4 17.0 25.4#
100	8.7 9.8 14.8#



#61
1,2,3-Trichloropropane
Concen: 1.186 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU056872.D
Acq: 15 Dec 2023 12:20

Tgt Ion: 75	Resp: 13200
Ion Ratio	Lower Upper
75	100
110	2.2 28.4 42.6#
77	14.0 26.3 39.5#

