

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121523\
 Data File : VU056873.D
 Acq On : 15 Dec 2023 12:44
 Operator : MD/SY
 Sample : 05664-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EOY30

Quant Time: Dec 15 22:25:12 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)

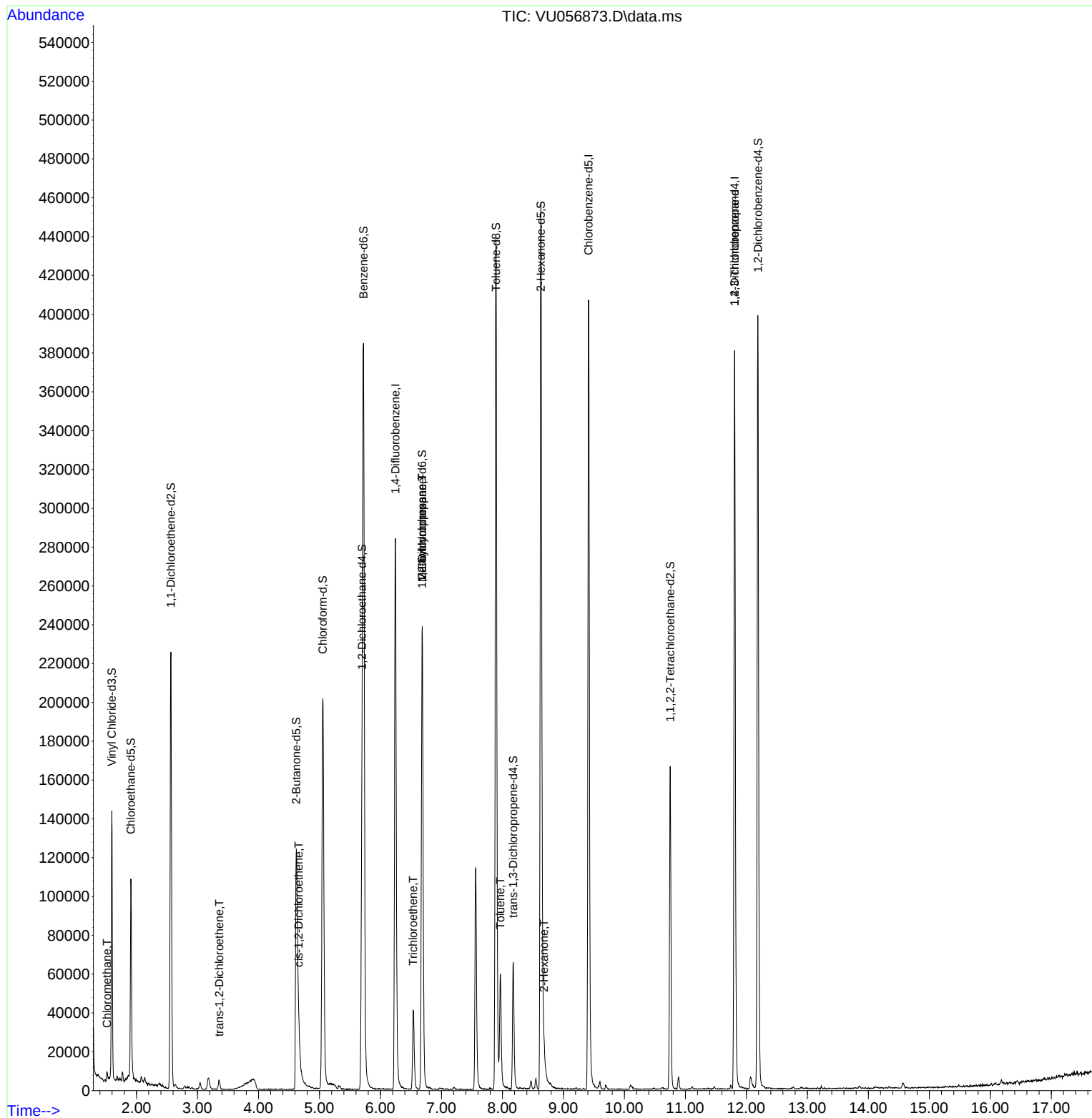
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	231395	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	236212	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	102099	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	97417	4.911	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.200%
7) Chloroethane-d5	1.907	69	76097	5.127	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.600%
11) 1,1-Dichloroethene-d2	2.563	65	43280	5.100	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.000%
20) 2-Butanone-d5	4.621	46	205976	52.585	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.180%
24) Chloroform-d	5.055	84	196784	5.239	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.800%
26) 1,2-Dichloroethane-d4	5.698	65	93255	5.247	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.000%
32) Benzene-d6	5.721	84	375153	5.120	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.400%
36) 1,2-Dichloropropane-d6	6.685	67	120327	5.247	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.000%
41) Toluene-d8	7.894	98	307822	4.701	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.000%
43) trans-1,3-Dichloroprop...	8.177	79	40513	4.556	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.200%
46) 2-Hexanone-d5	8.630	63	159601	47.583	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.160%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	84056	5.066	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	106095	5.286	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.518	50	3341	0.140	ug/L	98
18) trans-1,2-Dichloroethene	3.357	96	2137	0.112	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	3695	0.178	ug/L	89
34) Trichloroethene	6.537	95	14849	0.652	ug/L	94
35) Methylcyclohexane	6.685	83	28862	0.859	ug/L #	17
37) 1,2-Dichloropropane	6.682	63	12317	0.580	ug/L #	89
42) Toluene	7.965	91	45470	0.529	ug/L	97
48) 2-Hexanone	8.682	43	6985	0.973	ug/L #	67
61) 1,2,3-Trichloropropane	11.807	75	13234	1.207	ug/L #	70

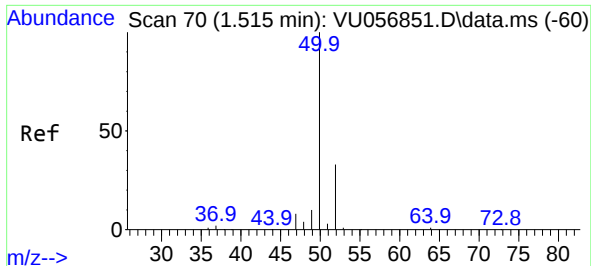
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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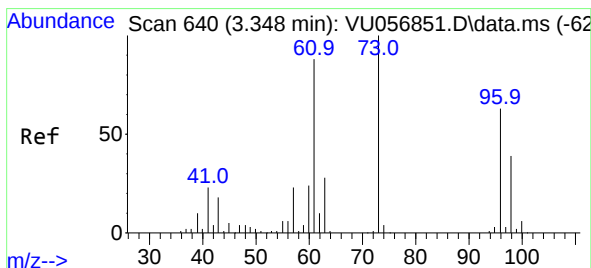
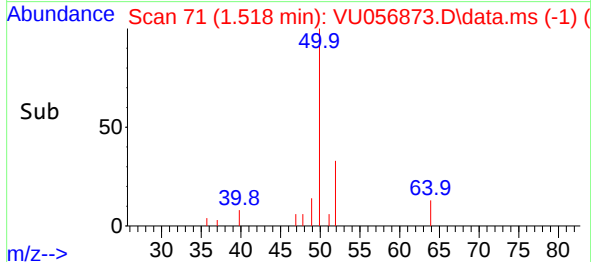
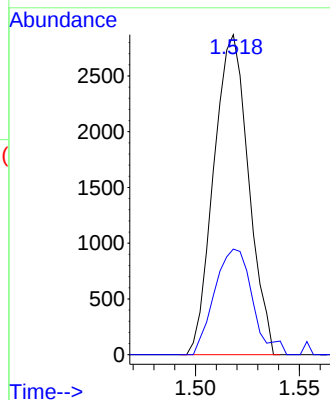
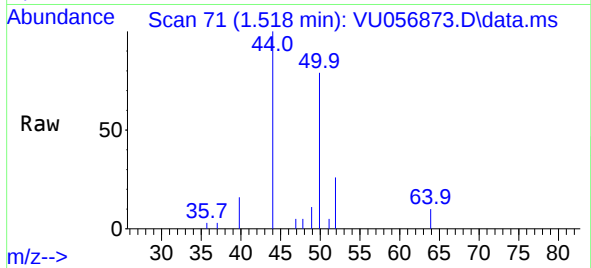




#3
Chloromethane
Concen: 0.140 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU056873.D
Acq: 15 Dec 2023 12:44

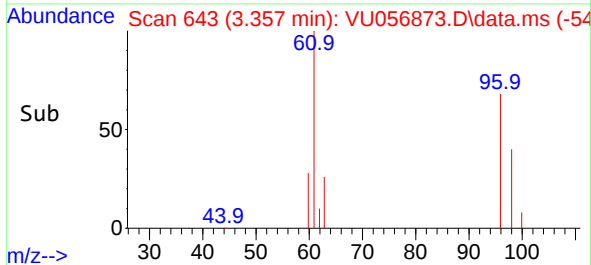
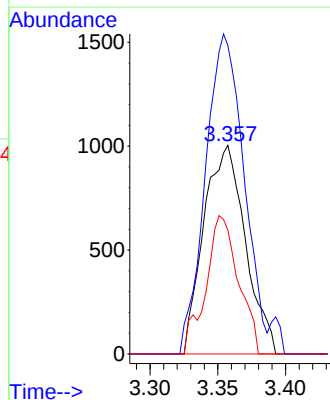
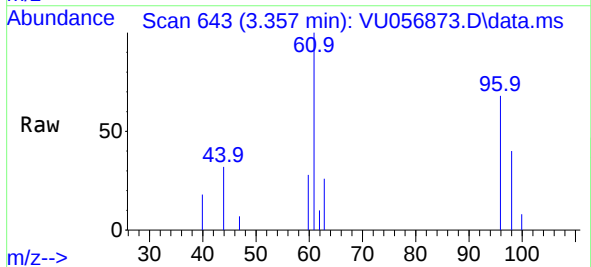
Instrument :
MSVOA_U
ClientSampleId :
E0Y30

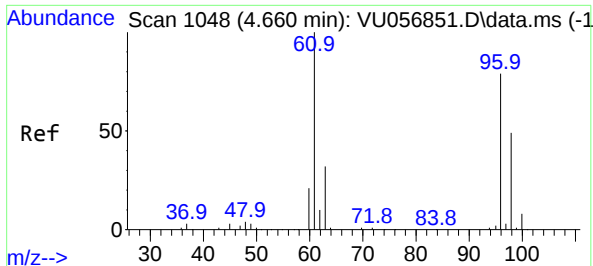
Tgt Ion: 50 Resp: 3341
Ion Ratio Lower Upper
50 100
52 33.0 22.5 41.7



#18
trans-1,2-Dichloroethene
Concen: 0.112 ug/L
RT: 3.357 min Scan# 643
Delta R.T. 0.009 min
Lab File: VU056873.D
Acq: 15 Dec 2023 12:44

Tgt Ion: 96 Resp: 2137
Ion Ratio Lower Upper
96 100
61 147.8 101.8 189.0
98 59.4 43.0 79.8



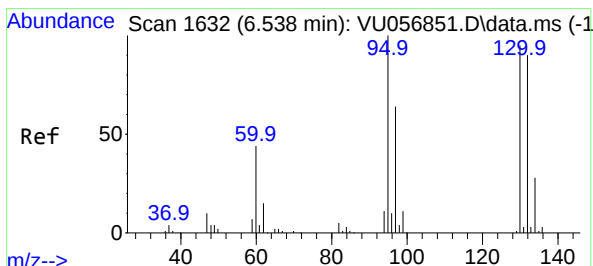
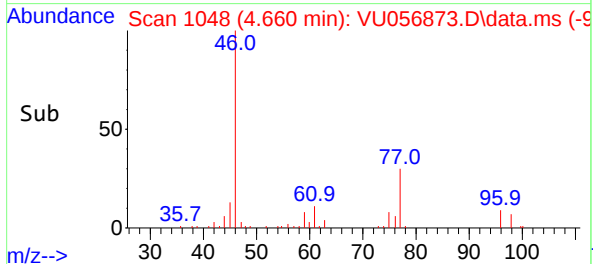
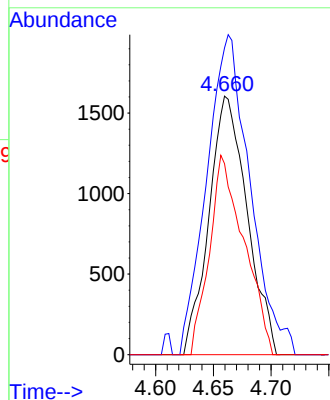
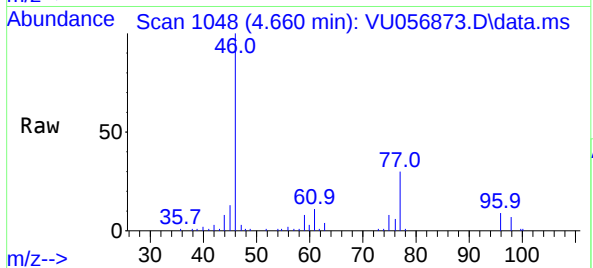


#22
cis-1,2-Dichloroethene
Concen: 0.178 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. -0.000 min
Lab File: VU056873.D
Acq: 15 Dec 2023 12:44

Instrument :
MSVOA_U
ClientSampleId :
E0Y30

Tgt Ion: 96 Resp: 3695

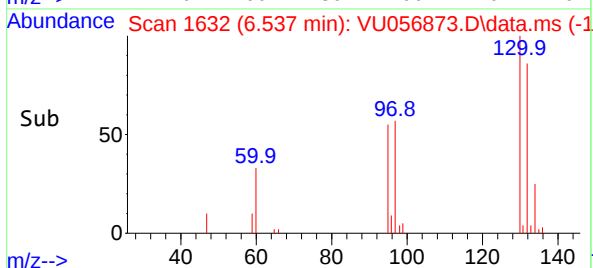
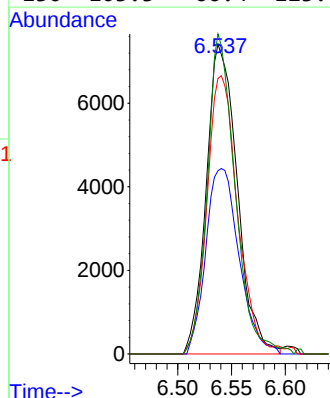
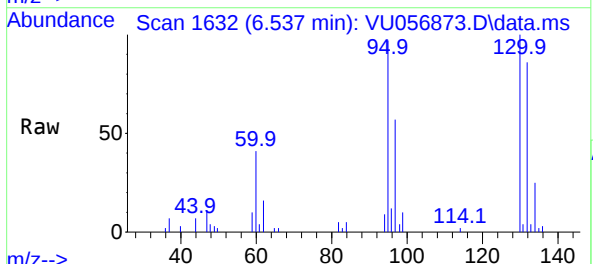
Ion	Ratio	Lower	Upper
96	100		
61	118.7	91.3	169.6
98	73.9	44.2	82.0

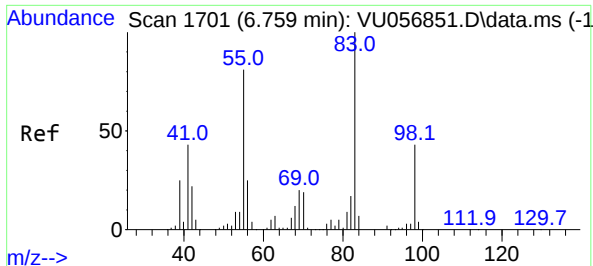


#34
Trichloroethene
Concen: 0.652 ug/L
RT: 6.537 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VU056873.D
Acq: 15 Dec 2023 12:44

Tgt Ion: 95 Resp: 14849

Ion	Ratio	Lower	Upper
95	100		
97	59.1	46.1	85.5
132	89.0	63.6	118.0
130	103.3	66.4	123.4





#35

Methylcyclohexane

Concen: 0.859 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU056873.D

Acq: 15 Dec 2023 12:44

Instrument :

MSVOA_U

ClientSampleId :

E0Y30

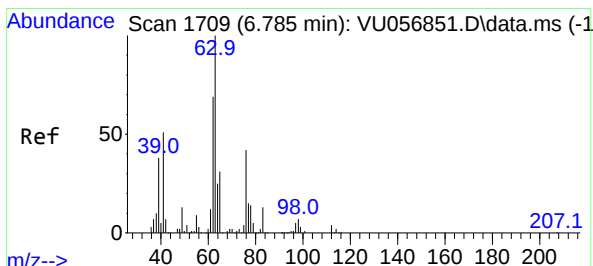
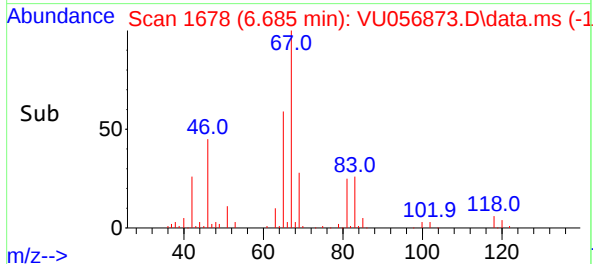
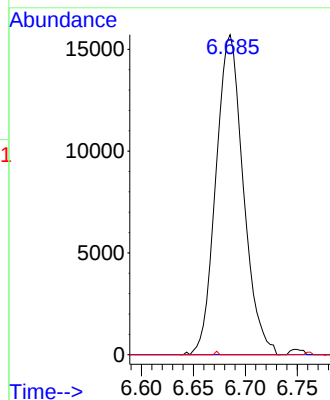
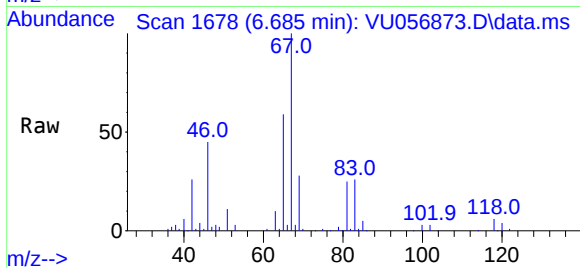
Tgt Ion: 83 Resp: 28862

Ion Ratio Lower Upper

83 100

55 0.0 64.6 97.0#

98 0.1 36.1 54.1#



#37

1,2-Dichloropropane

Concen: 0.580 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.103 min

Lab File: VU056873.D

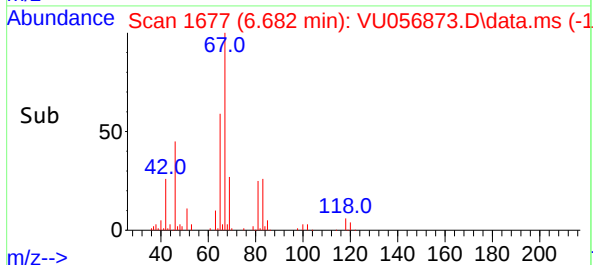
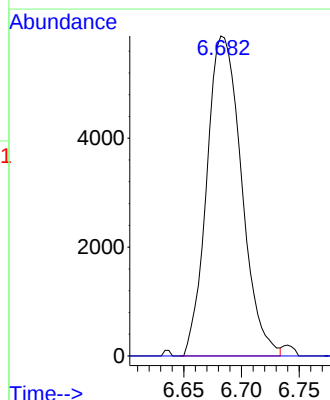
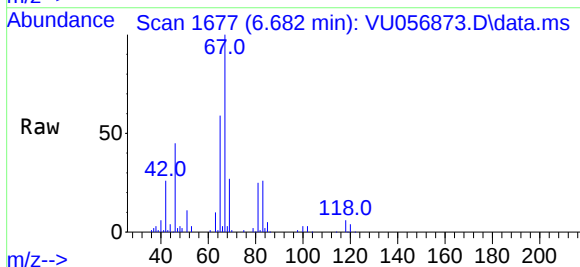
Acq: 15 Dec 2023 12:44

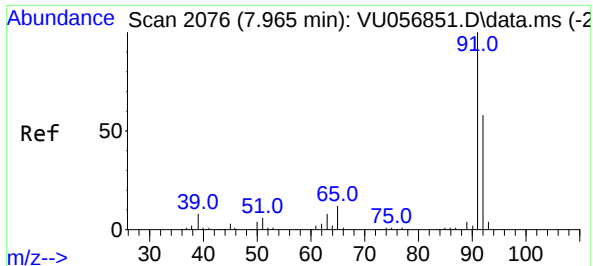
Tgt Ion: 63 Resp: 12317

Ion Ratio Lower Upper

63 100

112 0.6 3.3 4.9#

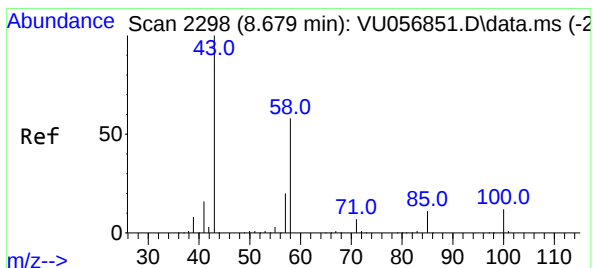
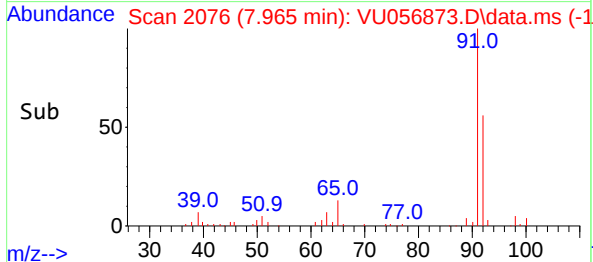
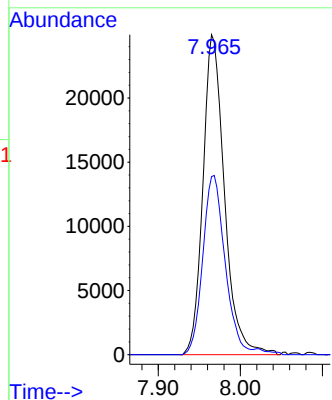
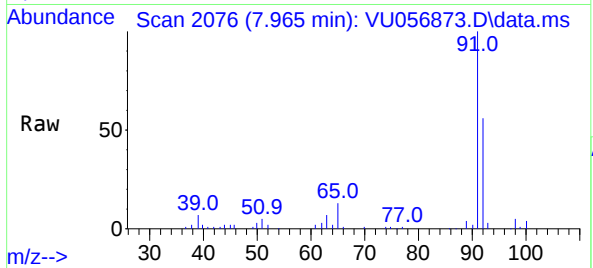




#42
Toluene
Concen: 0.529 ug/L
RT: 7.965 min Scan# 2076
Delta R.T. -0.000 min
Lab File: VU056873.D
Acq: 15 Dec 2023 12:44

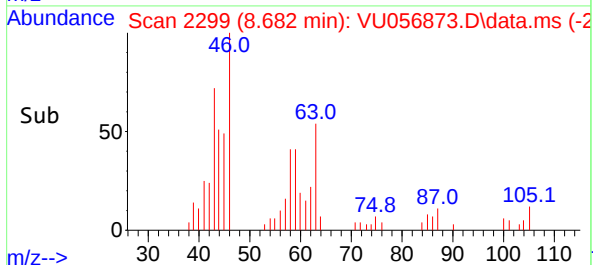
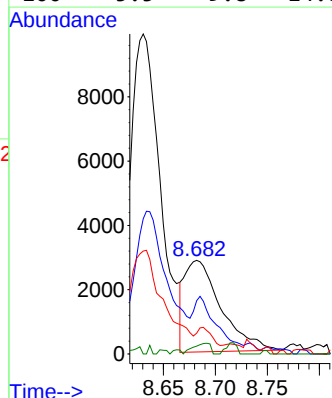
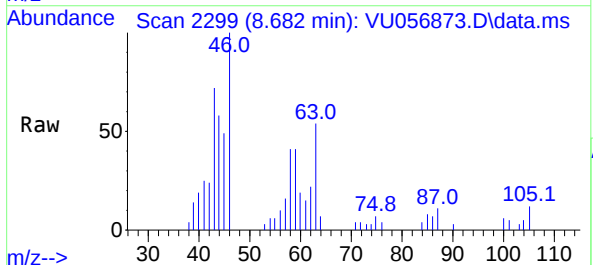
Instrument :
MSVOA_U
ClientSampleId :
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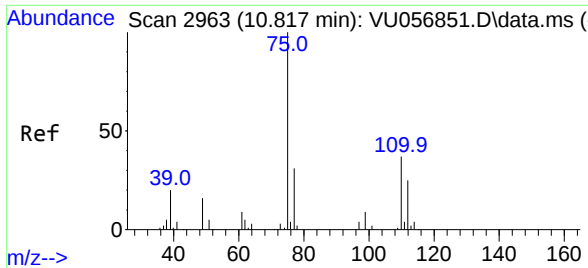
Tgt Ion: 91 Resp: 45470
Ion Ratio Lower Upper
91 100
92 55.6 40.4 75.0



#48
2-Hexanone
Concen: 0.973 ug/L
RT: 8.682 min Scan# 2299
Delta R.T. 0.003 min
Lab File: VU056873.D
Acq: 15 Dec 2023 12:44

Tgt Ion: 43 Resp: 6985
Ion Ratio Lower Upper
43 100
58 31.0 47.5 71.3#
57 7.9 17.0 25.4#
100 5.5 9.8 14.8#





#61
1,2,3-Trichloropropane
Concen: 1.207 ug/L
RT: 11.807 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU056873.D
Acq: 15 Dec 2023 12:44

Instrument :
MSVOA_U
ClientSampleId :
E0Y30

Tgt Ion:	75	Resp:	13234
Ion	Ratio	Lower	Upper
75	100		
110	3.2	28.4	42.6#
77	31.6	26.3	39.5

