

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090623\
 Data File : VU055135.D
 Acq On : 06 Sep 2023 13:09
 Operator : MD/SY
 Sample : 04267-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 06 20:40:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 06 05:03:37 2023
 Response via : Initial Calibration

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

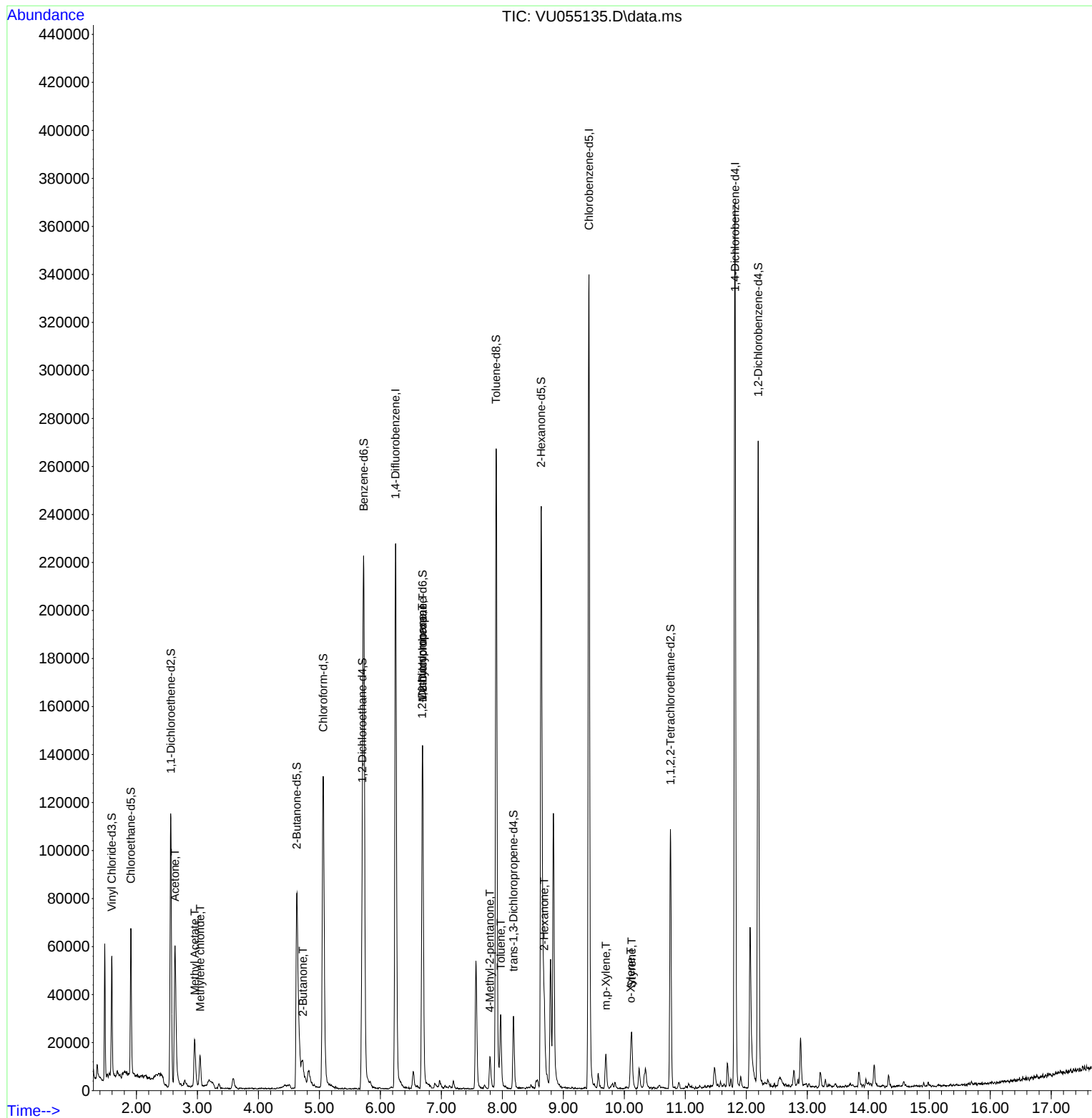
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	177493	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	183650	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	92254	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	34769	4.180	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.600%
7) Chloroethane-d5	1.908	69	42743	4.439	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.800%
11) 1,1-Dichloroethene-d2	2.563	65	20939	4.418	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.400%
20) 2-Butanone-d5	4.628	46	132586	54.923	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.840%
24) Chloroform-d	5.062	84	104942	4.754	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.000%
26) 1,2-Dichloroethane-d4	5.702	65	55011	4.981	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.600%
32) Benzene-d6	5.724	84	206439	4.554	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.000%
36) 1,2-Dichloropropane-d6	6.692	67	69152	4.796	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.000%
41) Toluene-d8	7.898	98	178606	4.277	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.600%
43) trans-1,3-Dichloroprop...	8.181	79	17107	4.308	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.200%
46) 2-Hexanone-d5	8.634	63	76663	47.558	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.120%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	50822	5.012	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.200%
66) 1,2-Dichlorobenzene-d4	12.193	152	64474	4.788	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.800%
Target Compounds						
					Qvalue	
13) Acetone	2.631	43	76065	47.013	ug/L	99
15) Methyl Acetate	2.953	43	26721	8.069	ug/L	96
16) Methylene chloride	3.043	84	6006	0.479	ug/L	93
21) 2-Butanone	4.727	43	14403	6.059	ug/L	85
35) Methylcyclohexane	6.692	83	15893	1.043	ug/L #	20
37) 1,2-Dichloropropane	6.685	63	7605	0.715	ug/L #	88
40) 4-Methyl-2-pentanone	7.795	43	9848	1.622	ug/L #	87
42) Toluene	7.972	91	21550	0.517	ug/L	100
48) 2-Hexanone	8.685	43	19543	4.110	ug/L #	84
53) m,p-Xylene	9.698	106	4665	0.270	ug/L	92
54) o-Xylene	10.103	106	2704	0.159	ug/L	92
55) Styrene	10.119	104	10599	0.378	ug/L	96

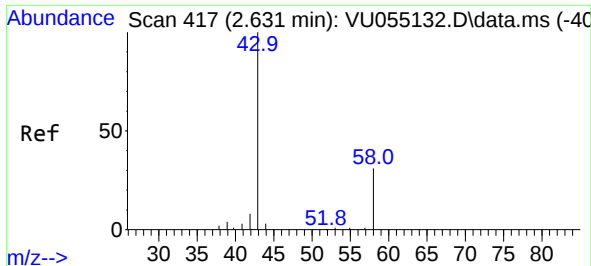
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 47.013 ug/L

RT: 2.631 min Scan# 417

Delta R.T. 0.000 min

Lab File: VU055135.D

Acq: 06 Sep 2023 13:09

Instrument :

MSVOA_U

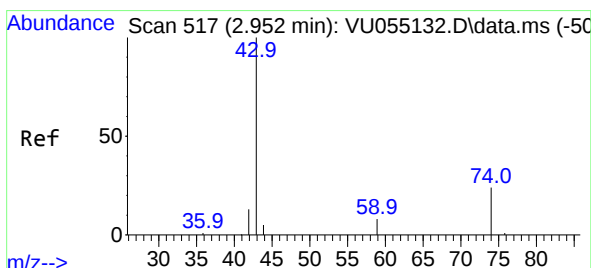
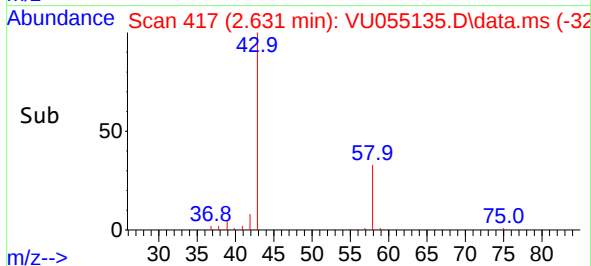
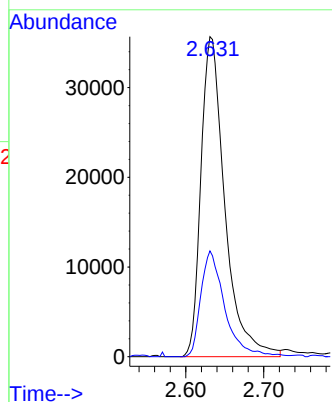
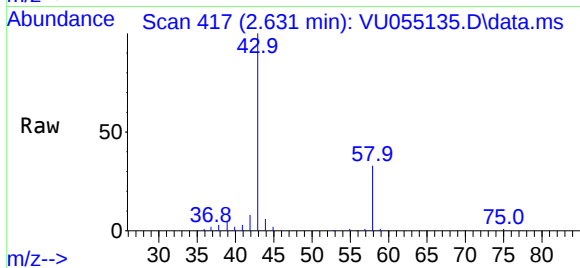
ClientSampleId :

Tgt Ion: 43 Resp: 76065

Ion Ratio Lower Upper

43 100

58 33.1 0.0 67.8



#15

Methyl Acetate

Concen: 8.069 ug/L

RT: 2.953 min Scan# 517

Delta R.T. 0.000 min

Lab File: VU055135.D

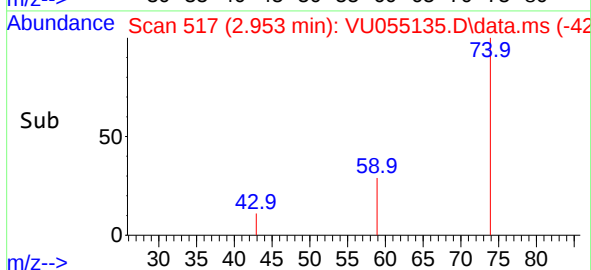
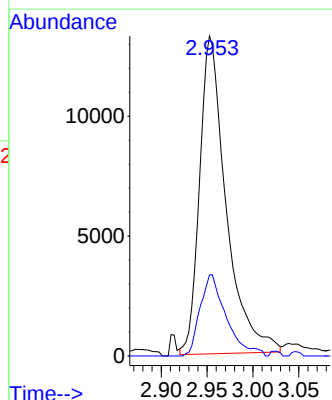
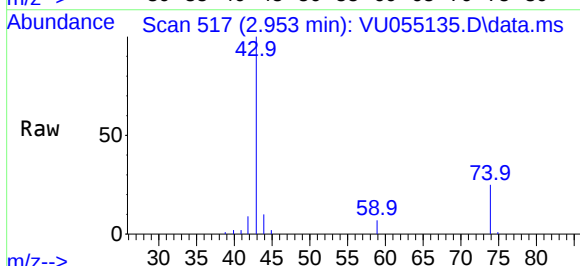
Acq: 06 Sep 2023 13:09

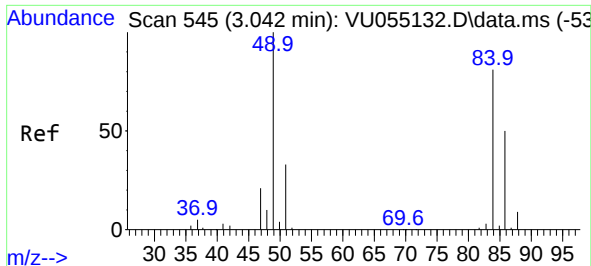
Tgt Ion: 43 Resp: 26721

Ion Ratio Lower Upper

43 100

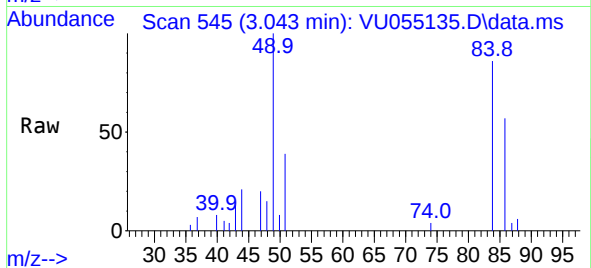
74 25.1 18.4 27.6



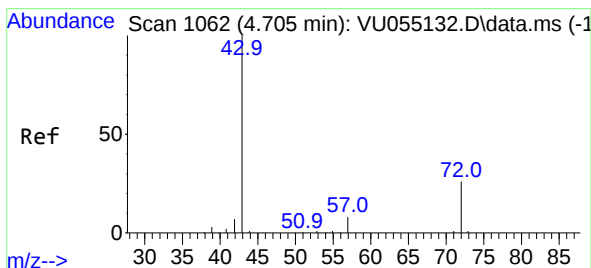
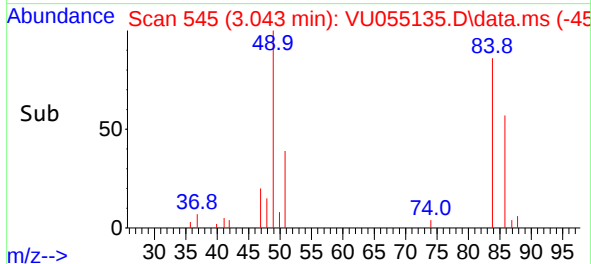
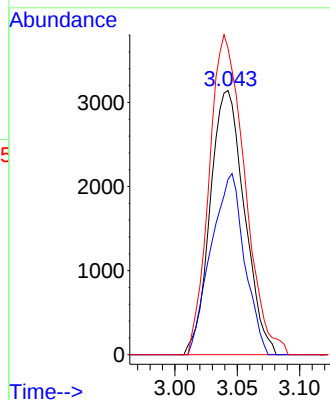


#16
Methylene chloride
Concen: 0.479 ug/L
RT: 3.043 min Scan# 54
Delta R.T. 0.003 min
Lab File: VU055135.D
Acq: 06 Sep 2023 13:09

Instrument :
MSVOA_U
ClientSampleId :

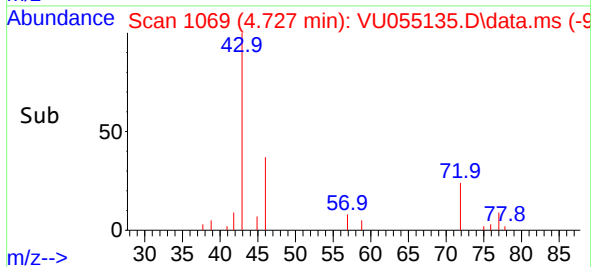
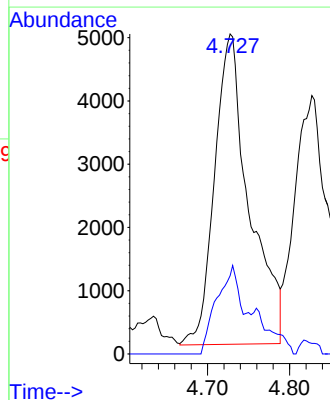
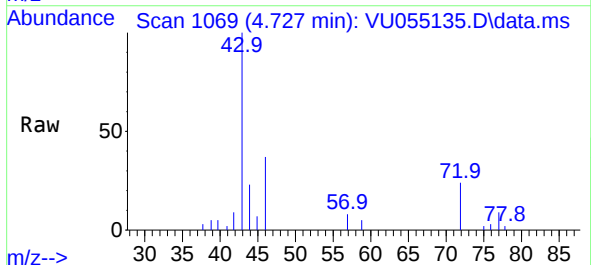


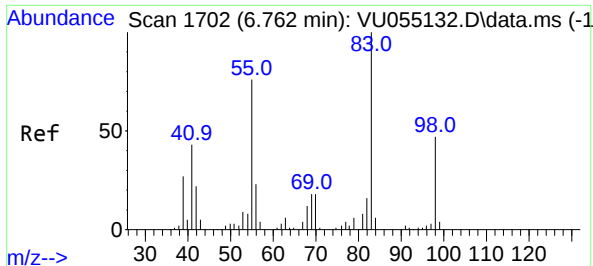
Tgt Ion: 84 Resp: 6006
Ion Ratio Lower Upper
84 100
86 66.4 43.4 80.6
49 116.0 87.7 162.9



#21
2-Butanone
Concen: 6.059 ug/L
RT: 4.727 min Scan# 1069
Delta R.T. 0.023 min
Lab File: VU055135.D
Acq: 06 Sep 2023 13:09

Tgt Ion: 43 Resp: 14403
Ion Ratio Lower Upper
43 100
72 19.4 13.5 40.5





#35

Methylcyclohexane

Concen: 1.043 ug/L

RT: 6.692 min Scan# 1

Delta R.T. -0.067 min

Lab File: VU055135.D

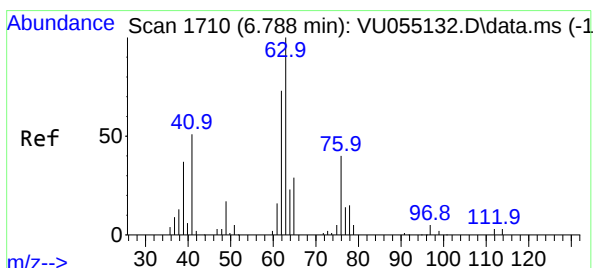
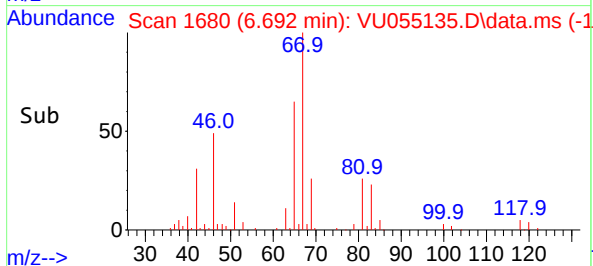
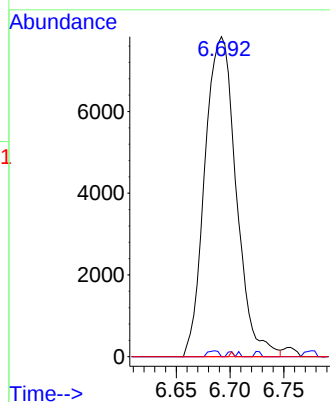
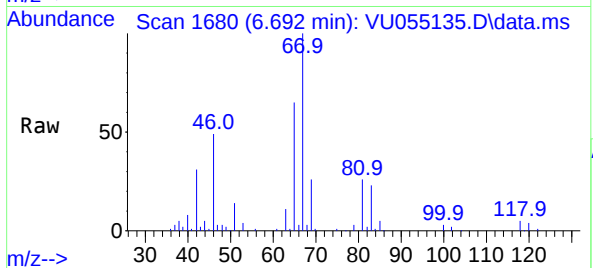
Acq: 06 Sep 2023 13:09

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 15893
Ion Ratio	Lower Upper
83	100
55	0.6 60.4 90.6#
98	0.0 35.3 52.9#



#37

1,2-Dichloropropane

Concen: 0.715 ug/L

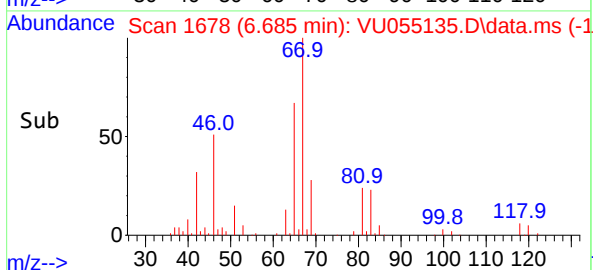
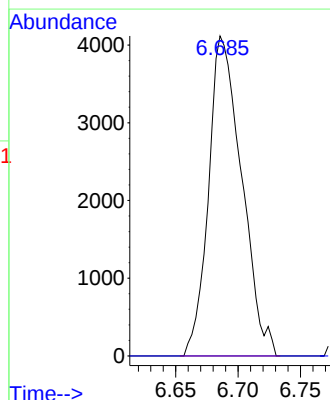
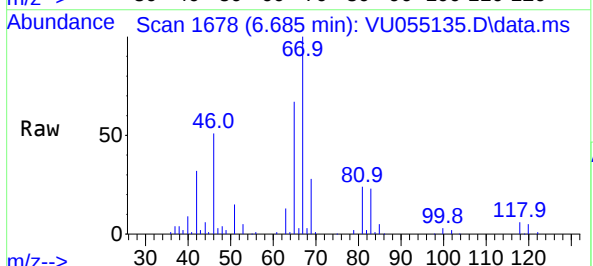
RT: 6.685 min Scan# 1678

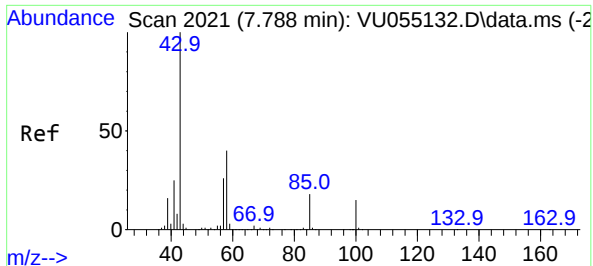
Delta R.T. -0.103 min

Lab File: VU055135.D

Acq: 06 Sep 2023 13:09

Tgt Ion: 63	Resp: 7605
Ion Ratio	Lower Upper
63	100
112	0.0 3.2 4.8#





#40

4-Methyl-2-pentanone

Concen: 1.622 ug/L

RT: 7.795 min Scan# 20

Delta R.T. 0.003 min

Lab File: VU055135.D

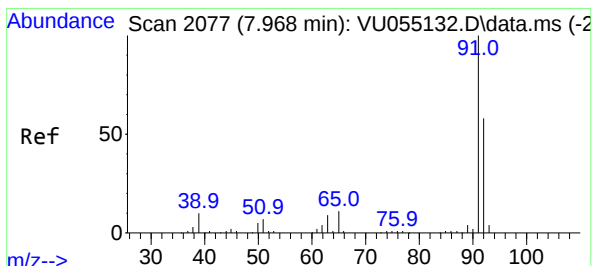
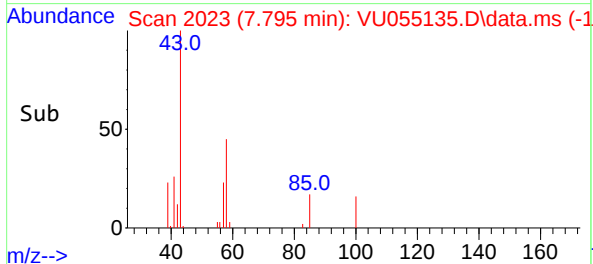
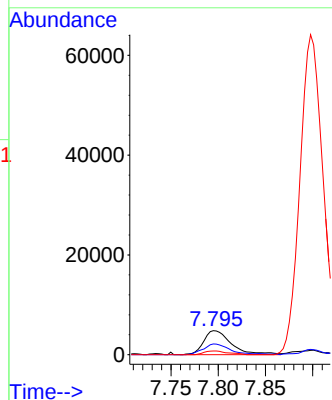
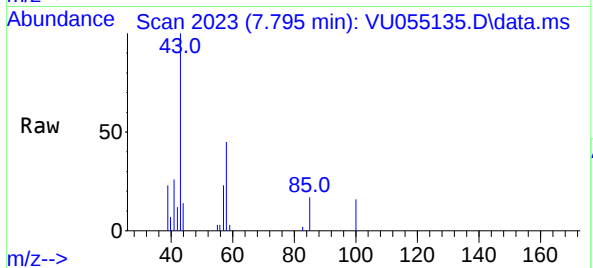
Acq: 06 Sep 2023 13:09

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	43	Resp:	9848
Ion	Ratio	Lower	Upper
43	100		
58	42.1	31.5	47.3
100	0.0	11.8	17.8#



#42

Toluene

Concen: 0.517 ug/L

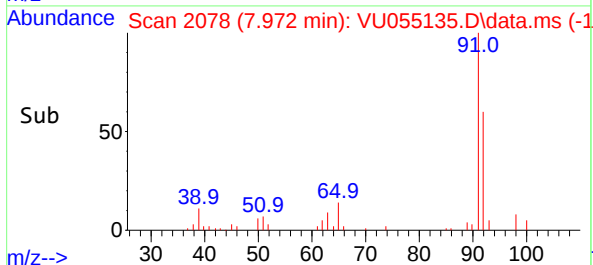
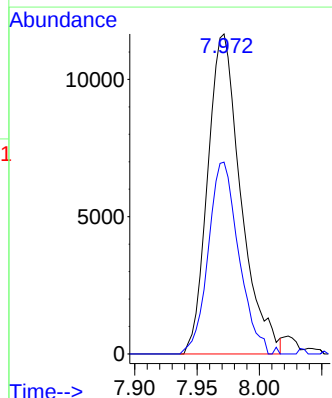
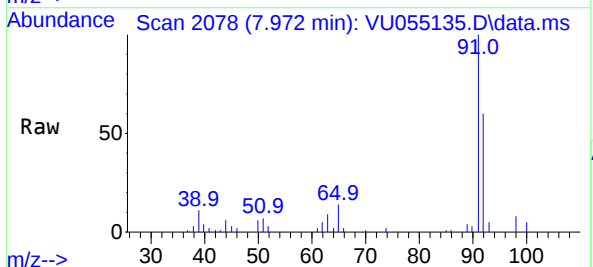
RT: 7.972 min Scan# 2078

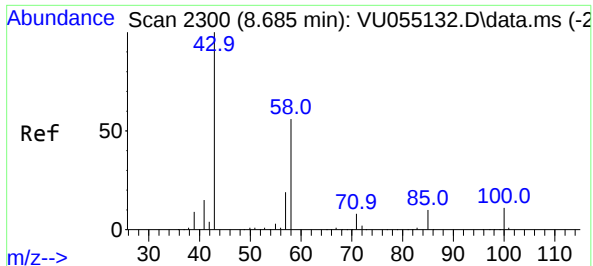
Delta R.T. 0.003 min

Lab File: VU055135.D

Acq: 06 Sep 2023 13:09

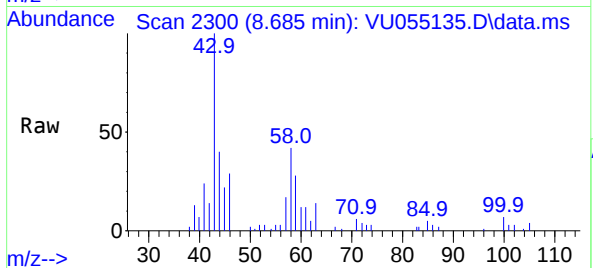
Tgt Ion:	91	Resp:	21550
Ion	Ratio	Lower	Upper
91	100		
92	60.0	41.9	77.9



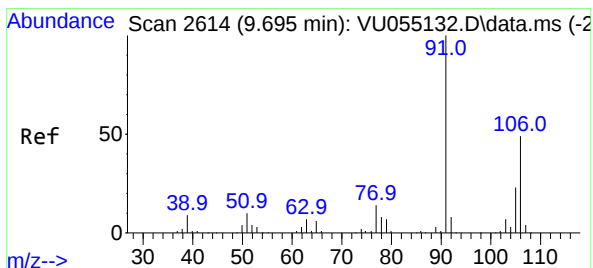
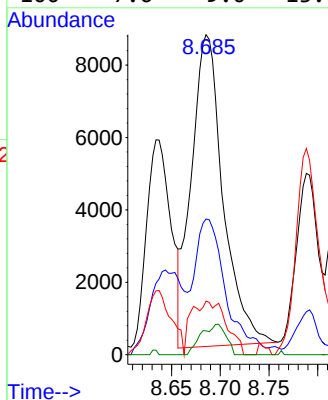
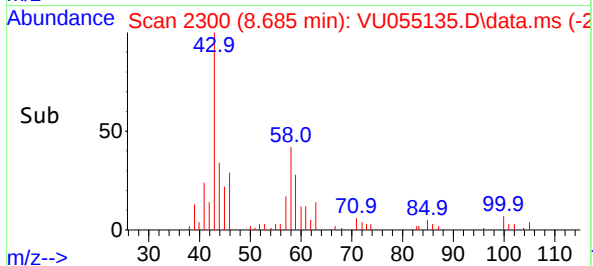


#48
2-Hexanone
Concen: 4.110 ug/L
RT: 8.685 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU055135.D
Acq: 06 Sep 2023 13:09

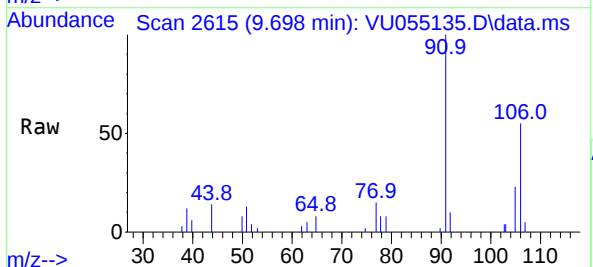
Instrument :
MSVOA_U
ClientSampleId :



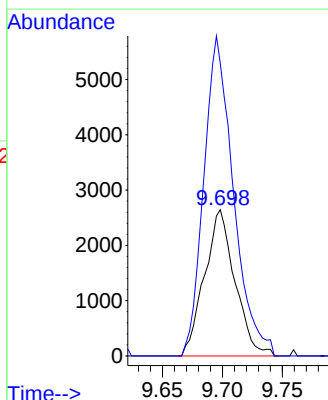
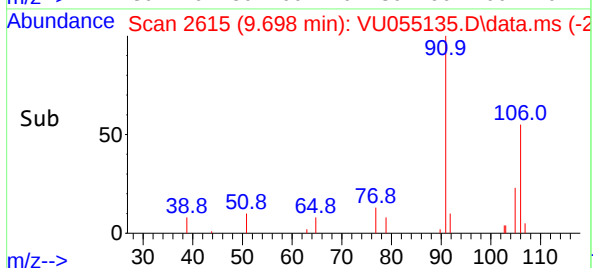
Tgt Ion: 43 Resp: 19543
Ion Ratio Lower Upper
43 100
58 42.7 44.0 66.0#
57 12.9 16.2 24.2#
100 7.6 9.0 13.4#

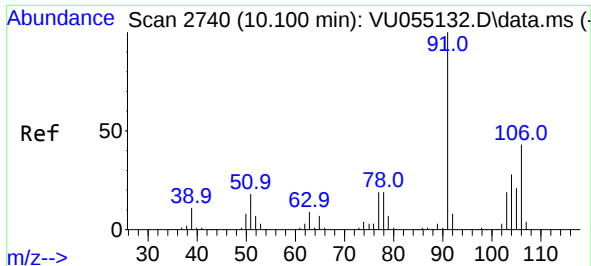


#53
m,p-Xylene
Concen: 0.270 ug/L
RT: 9.698 min Scan# 2615
Delta R.T. 0.003 min
Lab File: VU055135.D
Acq: 06 Sep 2023 13:09



Tgt Ion: 106 Resp: 4665
Ion Ratio Lower Upper
106 100
91 200.0 148.3 275.5

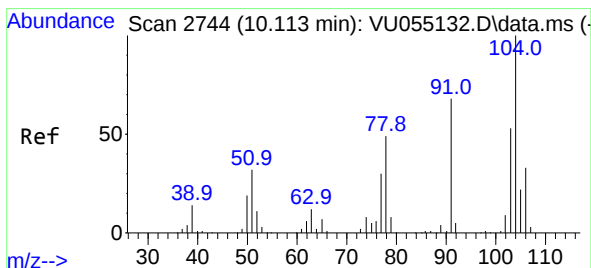
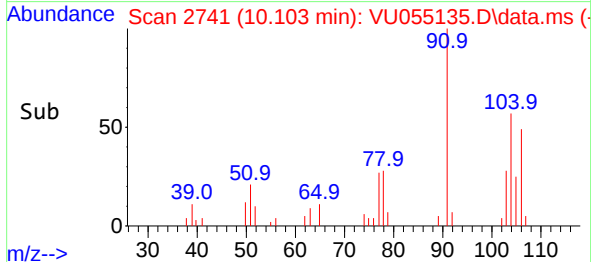
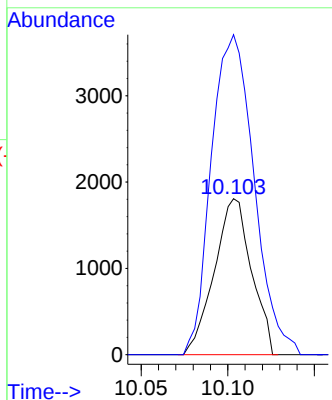
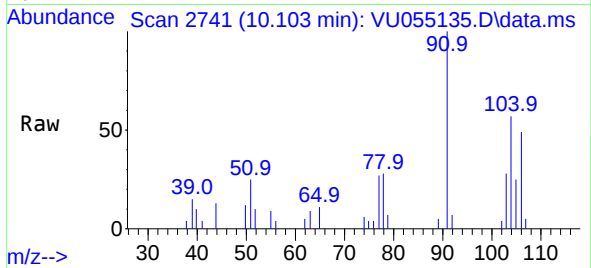




#54
o-Xylene
Concen: 0.159 ug/L
RT: 10.103 min Scan# 2741
Delta R.T. 0.003 min
Lab File: VU055135.D
Acq: 06 Sep 2023 13:09

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:106 Resp: 2704
Ion Ratio Lower Upper
106 100
91 205.2 152.9 284.1



#55
Styrene
Concen: 0.378 ug/L
RT: 10.119 min Scan# 2746
Delta R.T. 0.007 min
Lab File: VU055135.D
Acq: 06 Sep 2023 13:09

Tgt Ion:104 Resp: 10599
Ion Ratio Lower Upper
104 100
78 44.1 32.8 61.0

