

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111023\
 Data File : VU056194.D
 Acq On : 11 Nov 2023 01:02
 Operator : MD/SY
 Sample : 05339-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 11 01:45:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 11 00:40:59 2023
 Response via : Initial Calibration

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

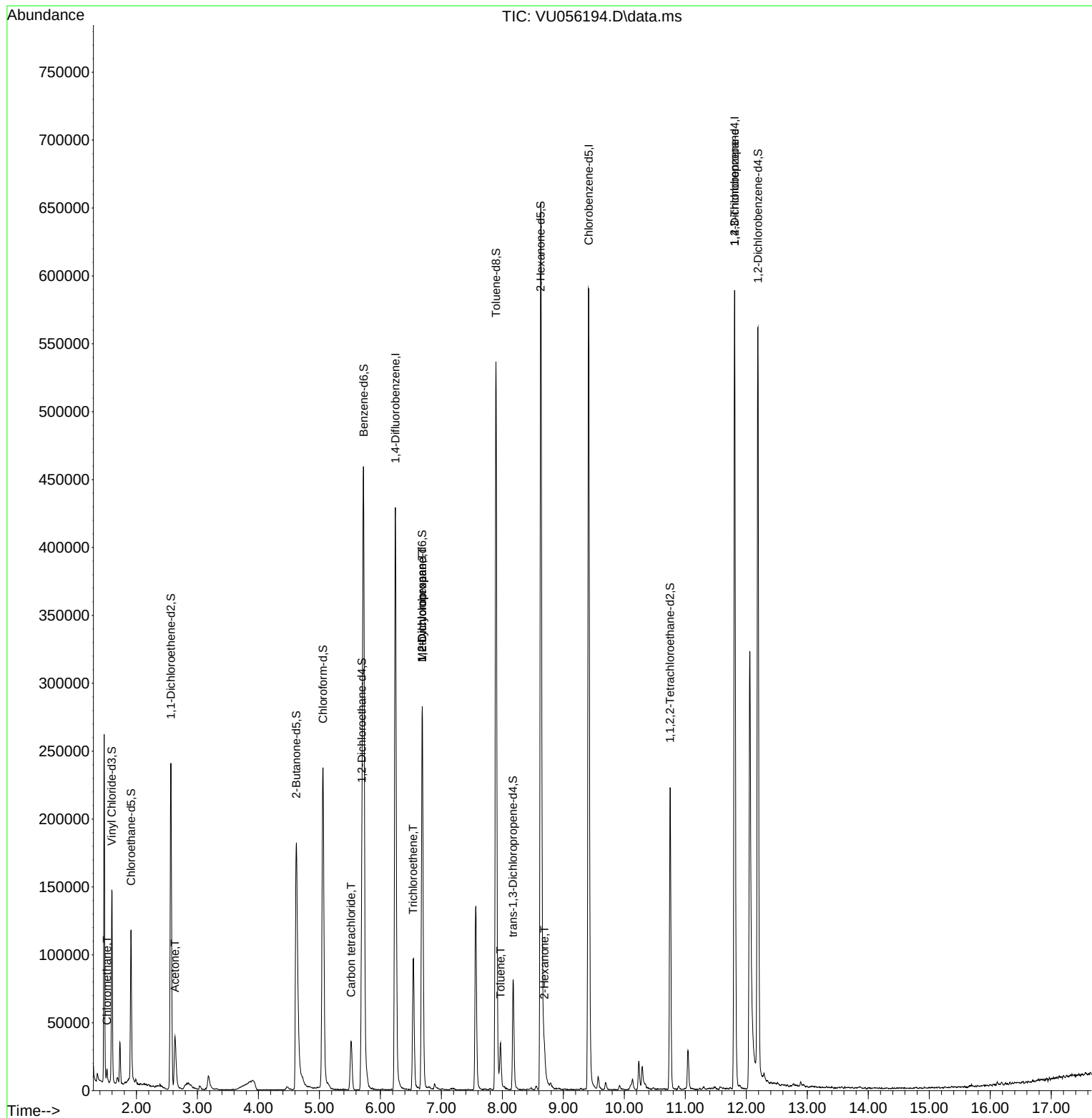
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	362760	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	361328	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	165905	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	101253	4.497	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	90.000%	
7) Chloroethane-d5	1.911	69	81887	5.359	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	107.200%	
11) 1,1-Dichloroethene-d2	2.563	65	46155	4.653	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	93.000%	
20) 2-Butanone-d5	4.621	46	279729	75.726	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	151.460%#	
24) Chloroform-d	5.058	84	230367	5.375	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	107.400%	
26) 1,2-Dichloroethane-d4	5.695	65	112806	5.977	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	119.600%	
32) Benzene-d6	5.724	84	459511	5.295	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	106.000%	
36) 1,2-Dichloropropane-d6	6.685	67	141239	5.529	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	110.600%	
41) Toluene-d8	7.894	98	382097	4.805	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	96.000%	
43) trans-1,3-Dichloroprop...	8.174	79	50412	5.163	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	103.200%	
46) 2-Hexanone-d5	8.627	63	229345	71.659	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	143.320%#	
56) 1,1,2,2-Tetrachloroeth...	10.750	84	113311	6.215	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	124.200%#	
66) 1,2-Dichlorobenzene-d4	12.190	152	152952	5.978	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	119.600%	
Target Compounds						Qvalue
3) Chloromethane	1.515	50	5576	0.193	ug/L	100
13) Acetone	2.631	43	54245	19.912	ug/L	97
31) Carbon tetrachloride	5.518	117	26241	0.714	ug/L	100
34) Trichloroethene	6.538	95	34831	1.233	ug/L	97
35) Methylcyclohexane	6.685	83	34354	0.818	ug/L #	20
37) 1,2-Dichloropropane	6.685	63	14642	0.544	ug/L #	87
42) Toluene	7.968	91	25301	0.232	ug/L	100
48) 2-Hexanone	8.689	43	13303	1.553	ug/L #	94
61) 1,2,3-Trichloropropane	11.807	75	19067	1.331	ug/L #	67

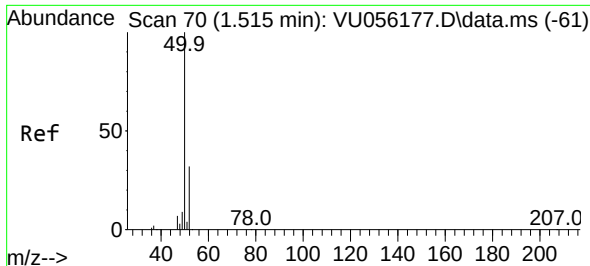
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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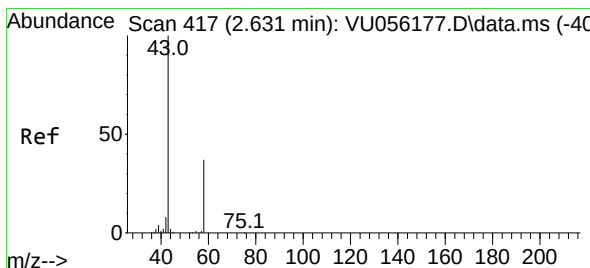
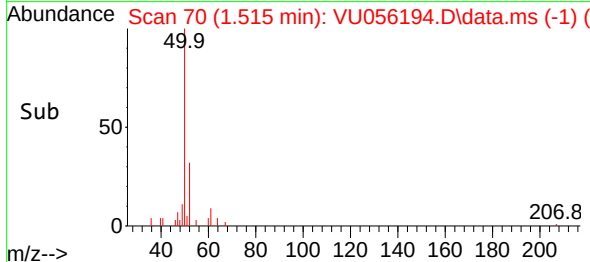
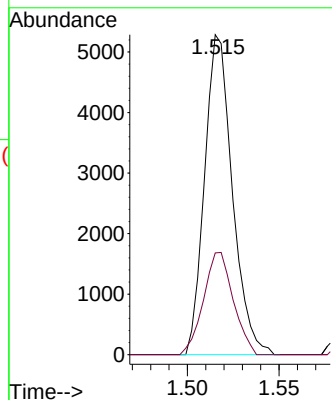
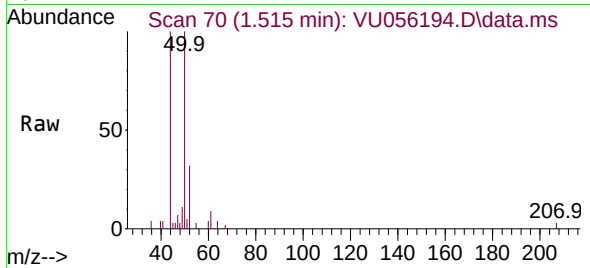




#3
Chloromethane
Concen: 0.193 ug/L
RT: 1.515 min Scan# 70
Delta R.T. 0.000 min
Lab File: VU056194.D
Acq: 11 Nov 2023 01:02

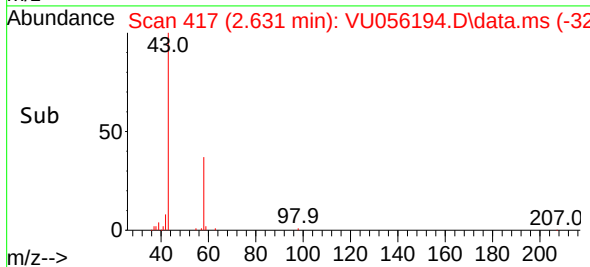
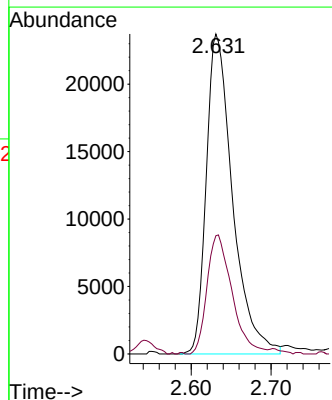
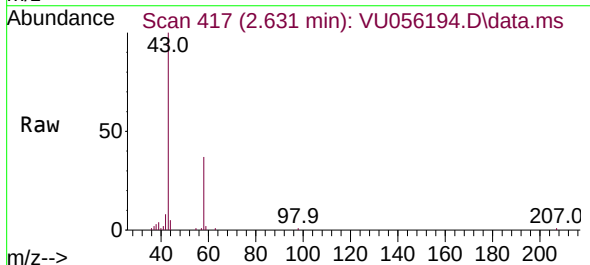
Instrument :
MSVOA_U
ClientSampleId :

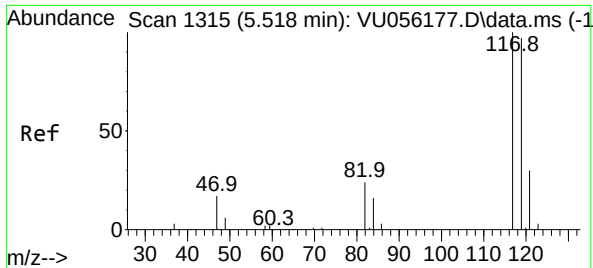
Tgt Ion: 50 Resp: 5576
Ion Ratio Lower Upper
50 100
52 31.8 22.2 41.2



#13
Acetone
Concen: 19.912 ug/L
RT: 2.631 min Scan# 417
Delta R.T. 0.000 min
Lab File: VU056194.D
Acq: 11 Nov 2023 01:02

Tgt Ion: 43 Resp: 54245
Ion Ratio Lower Upper
43 100
58 35.3 0.0 74.4

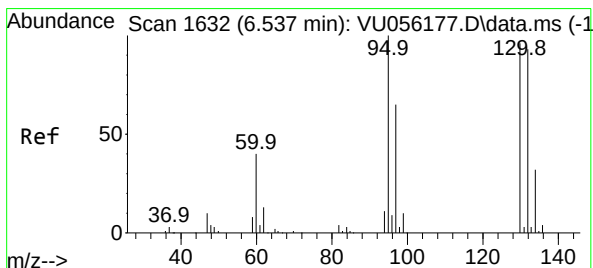
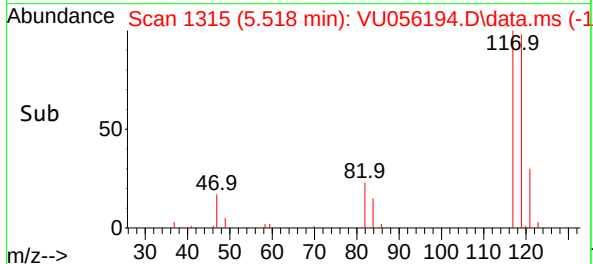
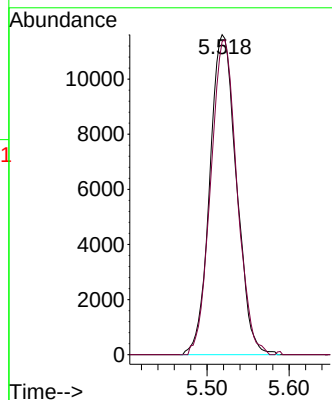
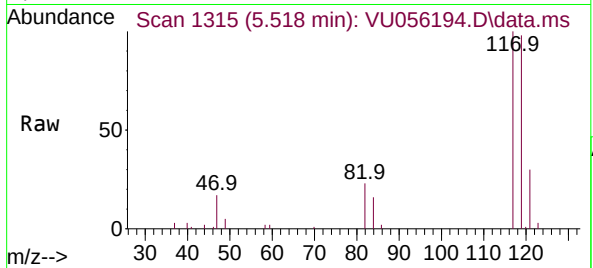




#31
Carbon tetrachloride
Concen: 0.714 ug/L
RT: 5.518 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU056194.D
Acq: 11 Nov 2023 01:02

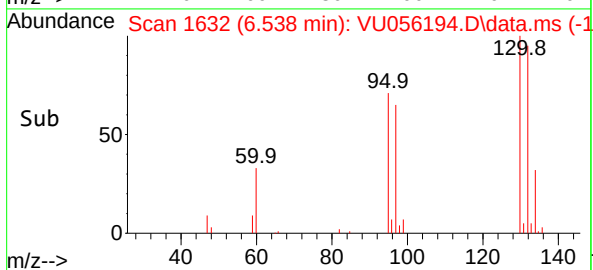
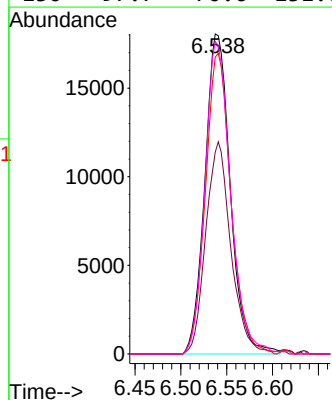
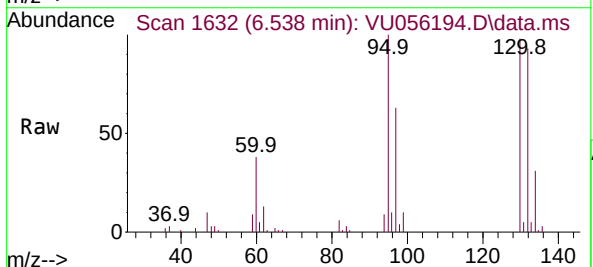
Instrument :
MSVOA_U
ClientSampleId :

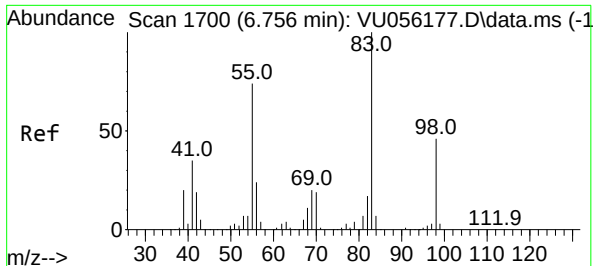
Tgt Ion:117 Resp: 26241
Ion Ratio Lower Upper
117 100
119 96.9 77.2 115.8



#34
Trichloroethene
Concen: 1.233 ug/L
RT: 6.538 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VU056194.D
Acq: 11 Nov 2023 01:02

Tgt Ion: 95 Resp: 34831
Ion Ratio Lower Upper
95 100
97 63.1 46.8 87.0
132 92.7 66.5 123.5
130 97.7 70.6 131.0





#35

Methylcyclohexane

Concen: 0.818 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU056194.D

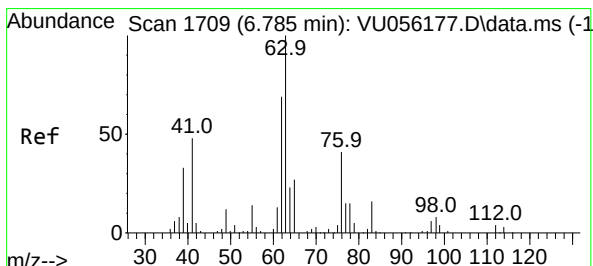
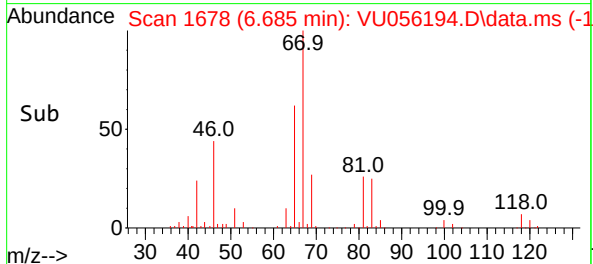
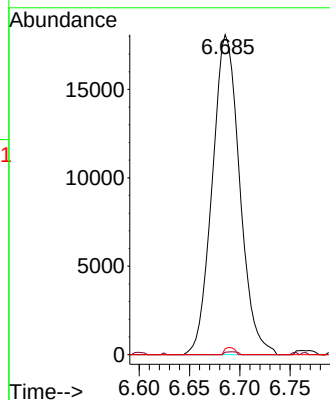
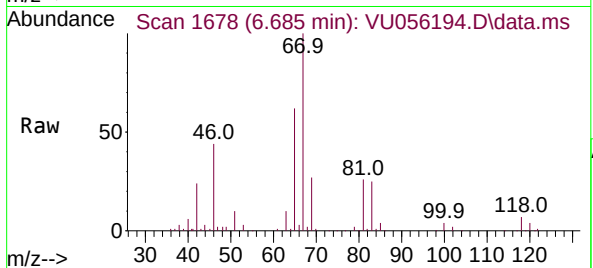
Acq: 11 Nov 2023 01:02

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 34354
Ion Ratio	Lower Upper
83	100
55	0.4 60.6 91.0#
98	0.8 36.2 54.4#



#37

1,2-Dichloropropane

Concen: 0.544 ug/L

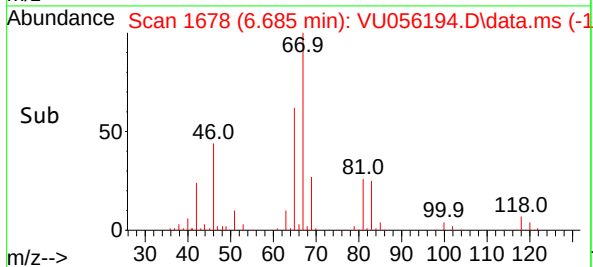
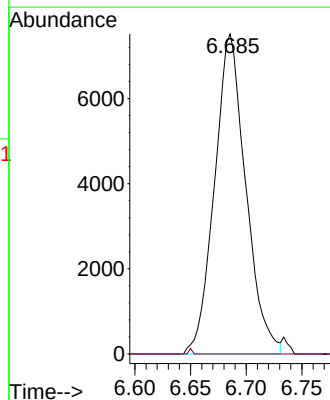
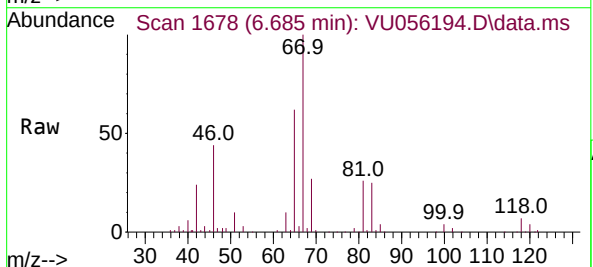
RT: 6.685 min Scan# 1678

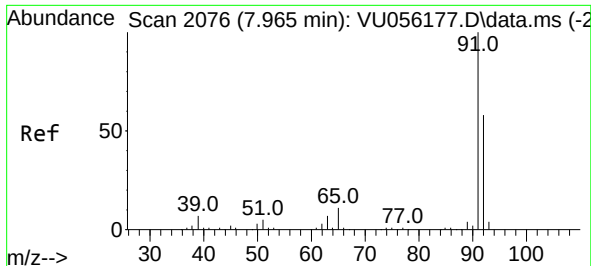
Delta R.T. -0.100 min

Lab File: VU056194.D

Acq: 11 Nov 2023 01:02

Tgt Ion: 63	Resp: 14642
Ion Ratio	Lower Upper
63	100
112	0.2 3.4 5.2#





#42

Toluene

Concen: 0.232 ug/L

RT: 7.968 min Scan# 2076

Delta R.T. 0.003 min

Lab File: VU056194.D

Acq: 11 Nov 2023 01:02

Instrument :

MSVOA_U

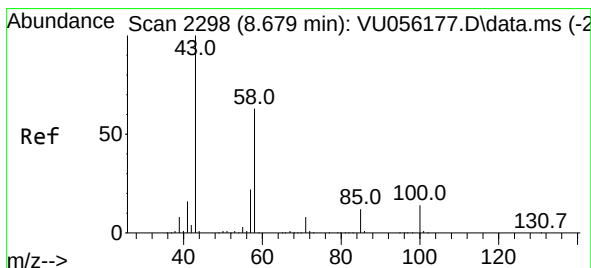
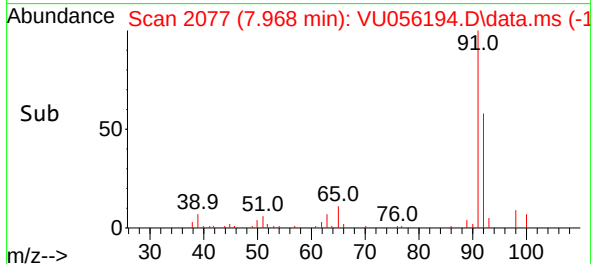
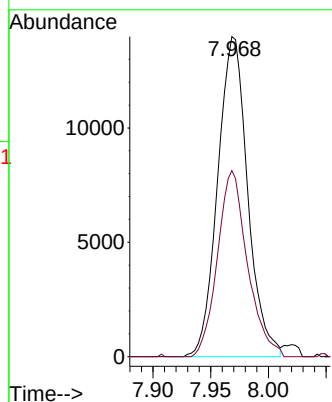
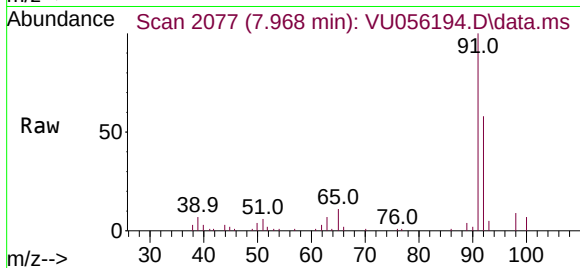
ClientSampleId :

Tgt Ion: 91 Resp: 25301

Ion Ratio Lower Upper

91 100

92 58.2 40.9 75.9



#48

2-Hexanone

Concen: 1.553 ug/L

RT: 8.689 min Scan# 2301

Delta R.T. 0.010 min

Lab File: VU056194.D

Acq: 11 Nov 2023 01:02

Tgt Ion: 43 Resp: 13303

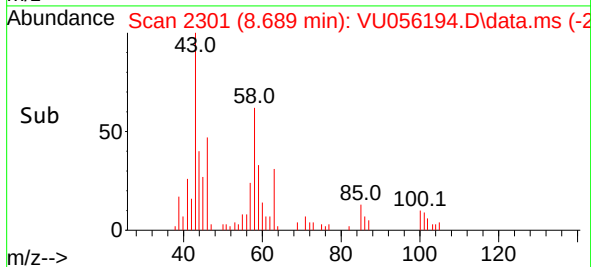
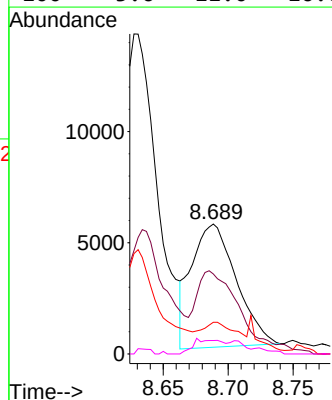
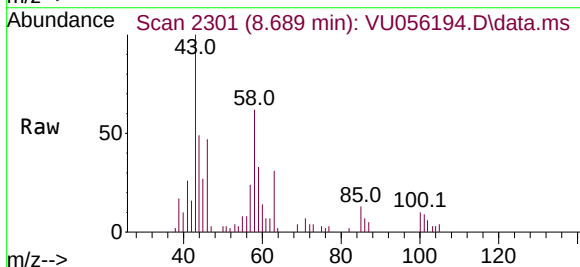
Ion Ratio Lower Upper

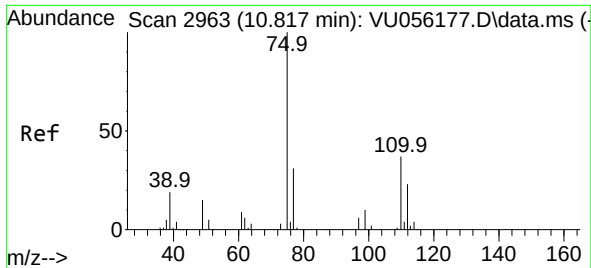
43 100

58 66.9 52.0 78.0

57 18.7 17.4 26.2

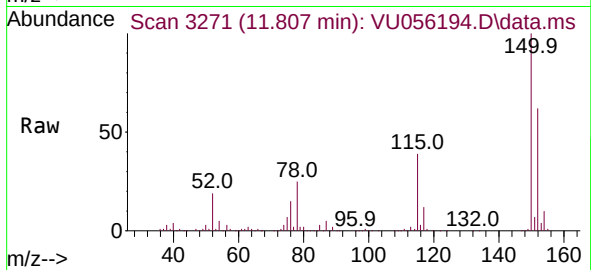
100 3.6 11.0 16.6#





#61
 1,2,3-Trichloropropane
 Concen: 1.331 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU056194.D
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Tgt Ion	Ratio	Lower	Upper
75	100		
110	1.5	29.7	44.5#
77	31.3	25.5	38.3

