

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070323\
 Data File : VU054755.D
 Acq On : 03 Jul 2023 17:43
 Operator : MD/SY
 Sample : 03505-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A46X9

Quant Time: Jul 05 04:44:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 05 04:39:25 2023
 Response via : Initial Calibration

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

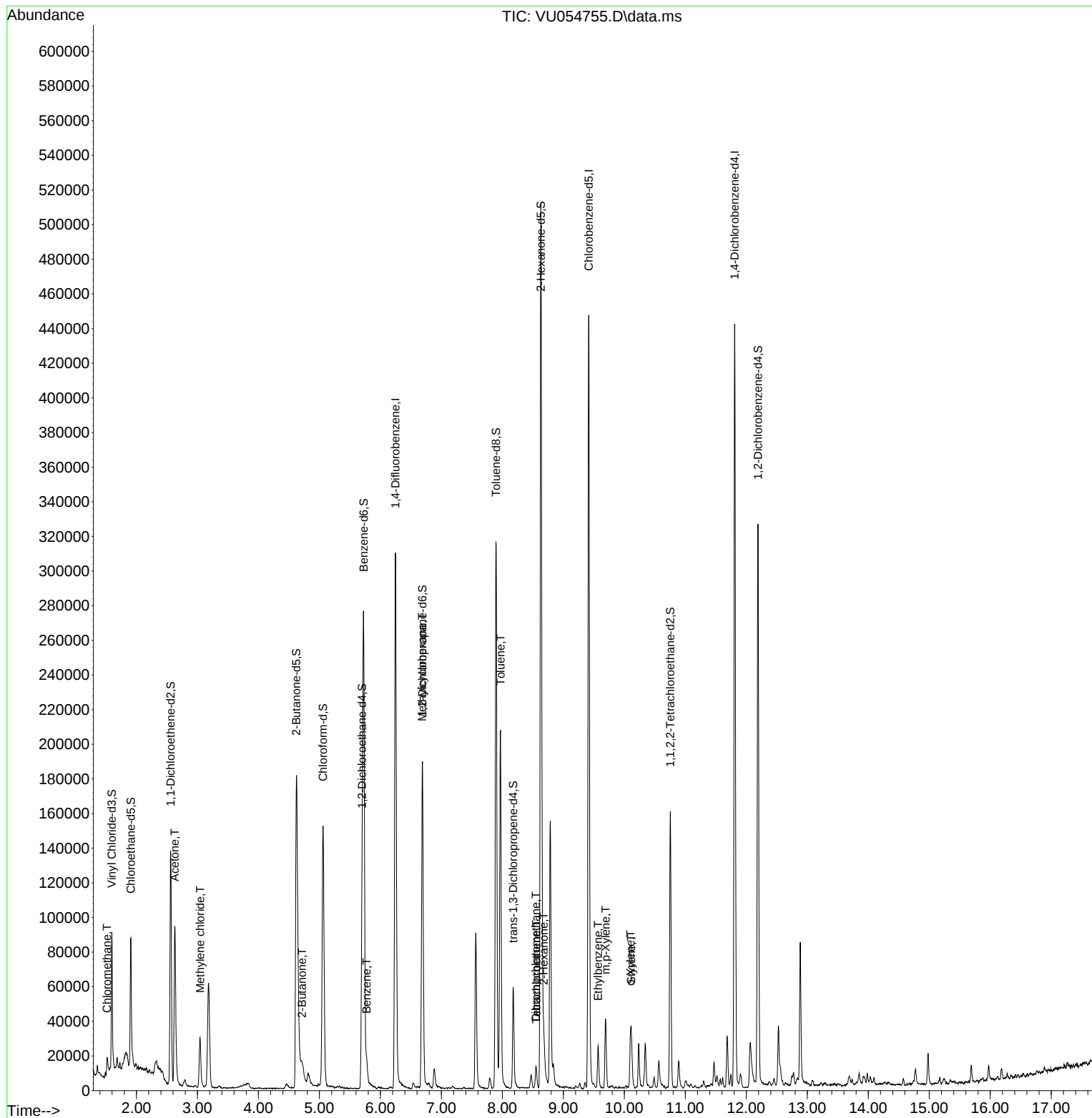
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	247691	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	244961	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	114253	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	61488	3.901	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.000%
7) Chloroethane-d5	1.907	69	59144	4.007	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.200%
11) 1,1-Dichloroethene-d2	2.560	65	25752	3.658	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.200%
20) 2-Butanone-d5	4.621	46	245016	55.284	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.560%
24) Chloroform-d	5.058	84	138059	4.190	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.800%
26) 1,2-Dichloroethane-d4	5.698	65	73472	4.574	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.400%
32) Benzene-d6	5.724	84	254046	3.731	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.600%
36) 1,2-Dichloropropane-d6	6.689	67	92156	4.052	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.000%
41) Toluene-d8	7.894	98	213327	3.530	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.600%
43) trans-1,3-Dichloroprop...	8.177	79	33401	4.224	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.400%
46) 2-Hexanone-d5	8.631	63	164616	49.617	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.240%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	78643	4.637	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	86921	4.510	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.200%
Target Compounds						Qvalue
3) Chloromethane	1.518	50	7716	0.290	ug/L	90
13) Acetone	2.628	43	111888	26.775	ug/L	99
16) Methylene chloride	3.042	84	13330	0.528	ug/L	93
21) 2-Butanone	4.714	43	15726	2.900	ug/L	97
33) Benzene	5.775	78	11347	0.129	ug/L	100
35) Methylcyclohexane	6.685	83	20990	0.597	ug/L #	17
42) Toluene	7.968	91	152845	1.686	ug/L	99
47) Tetrachloroethene	8.557	164	2888	0.162	ug/L	90
48) 2-Hexanone	8.679	43	10068	1.064	ug/L #	95
49) Dibromochloromethane	8.550	129	2550	0.160	ug/L #	11
52) Ethylbenzene	9.570	91	15926	0.161	ug/L	93
53) m,p-Xylene	9.692	106	11824	0.325	ug/L	88
54) o-Xylene	10.100	106	5735	0.163	ug/L	94
55) Styrene	10.113	104	12861	0.218	ug/L	99

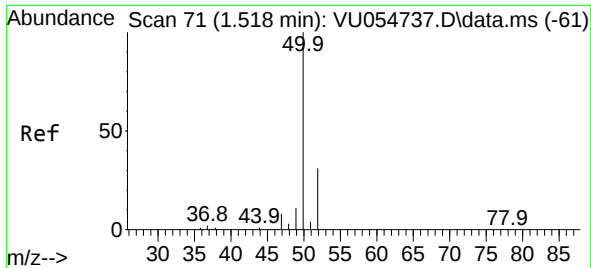
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070323\
Data File : VU054755.D
Acq On : 03 Jul 2023 17:43
Operator : MD/SY
Sample : 03505-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A46X9

Quant Time: Jul 05 04:44:29 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jul 05 04:39:25 2023
Response via : Initial Calibration

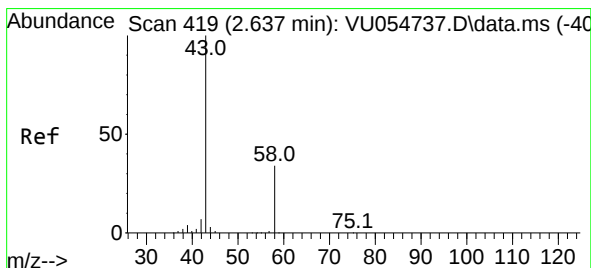
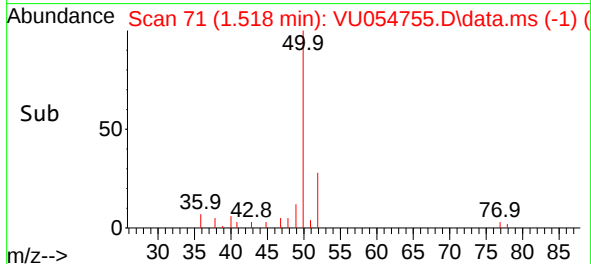
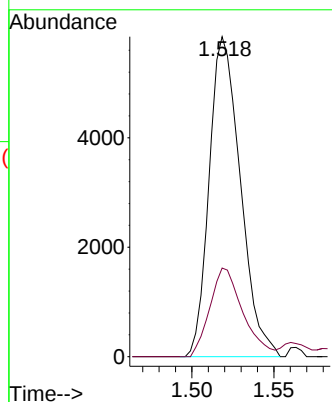
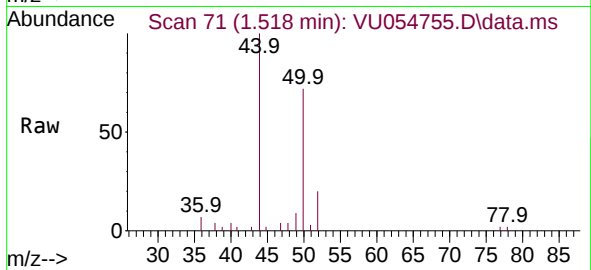




#3
Chloromethane
Concen: 0.290 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU054755.D
Acq: 03 Jul 2023 17:43

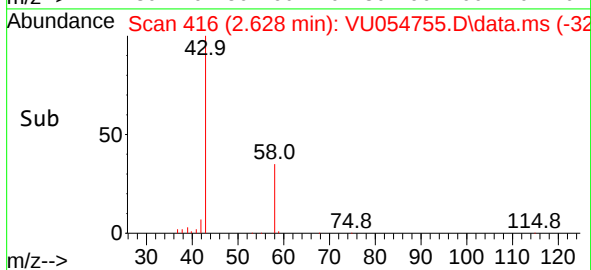
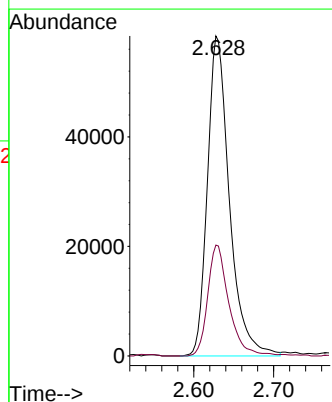
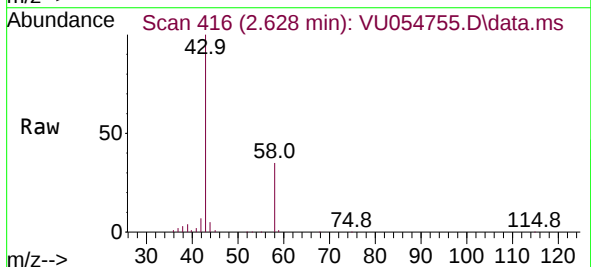
Instrument :
MSVOA_U
ClientSampleId :
A46X9

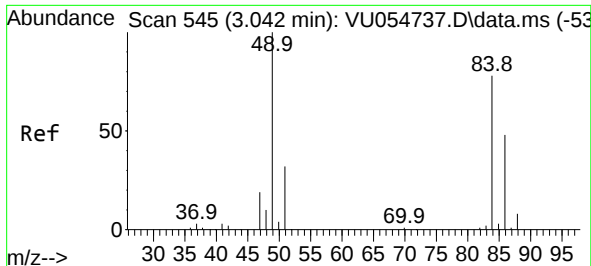
Tgt Ion: 50 Resp: 7716
Ion Ratio Lower Upper
50 100
52 27.7 23.4 43.4



#13
Acetone
Concen: 26.775 ug/L
RT: 2.628 min Scan# 416
Delta R.T. -0.010 min
Lab File: VU054755.D
Acq: 03 Jul 2023 17:43

Tgt Ion: 43 Resp: 111888
Ion Ratio Lower Upper
43 100
58 33.2 0.0 67.2

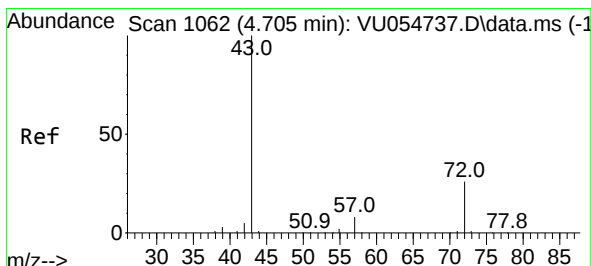
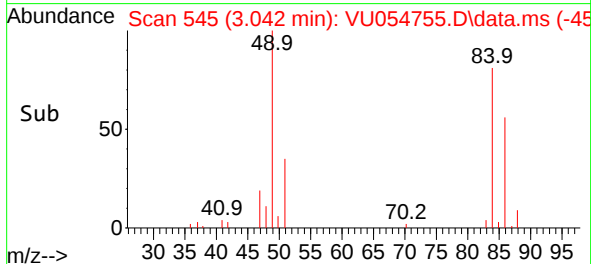
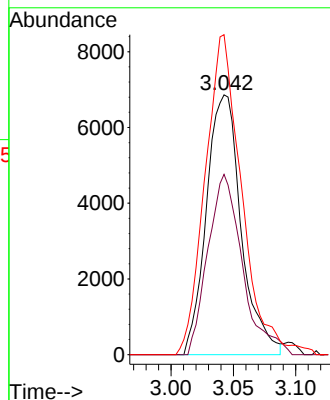
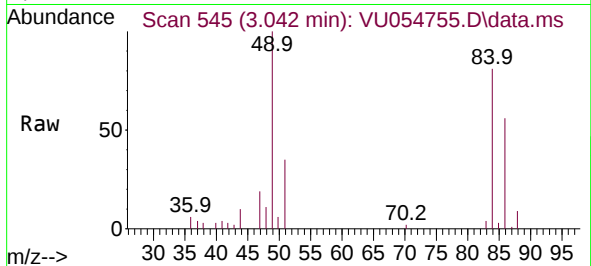




#16
Methylene chloride
Concen: 0.528 ug/L
RT: 3.042 min Scan# 54
Delta R.T. 0.000 min
Lab File: VU054755.D
Acq: 03 Jul 2023 17:43

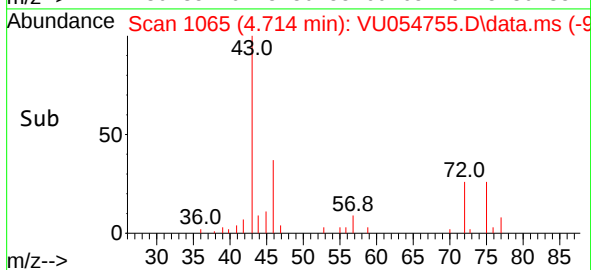
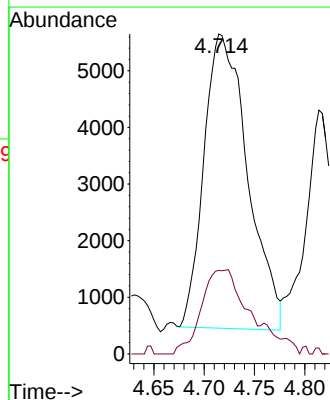
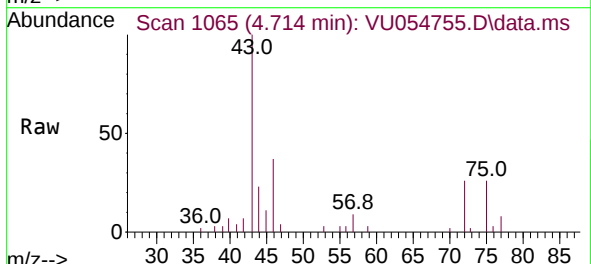
Instrument :
MSVOA_U
ClientSampleId :
A46X9

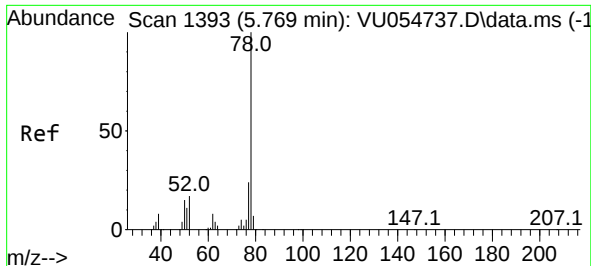
Tgt Ion:	84	Resp:	13330
Ion	Ratio	Lower	Upper
84	100		
86	69.4	43.9	81.5
49	130.6	86.1	159.9



#21
2-Butanone
Concen: 2.900 ug/L
RT: 4.714 min Scan# 1065
Delta R.T. 0.010 min
Lab File: VU054755.D
Acq: 03 Jul 2023 17:43

Tgt Ion:	43	Resp:	15726
Ion	Ratio	Lower	Upper
43	100		
72	28.0	13.4	40.1

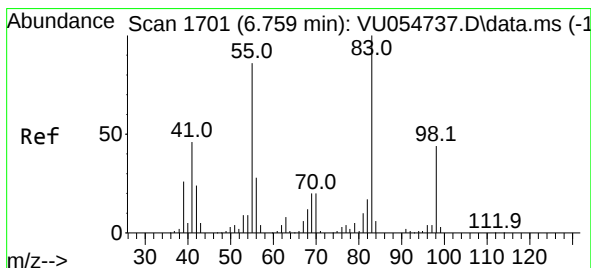
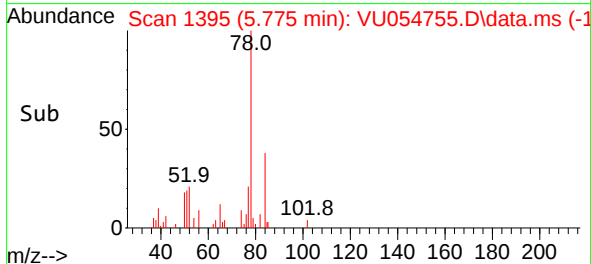
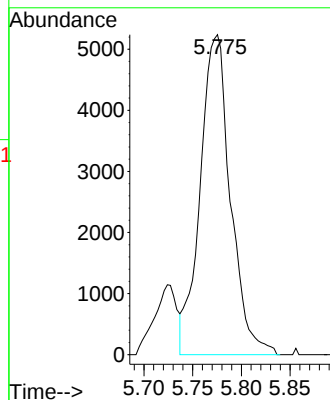
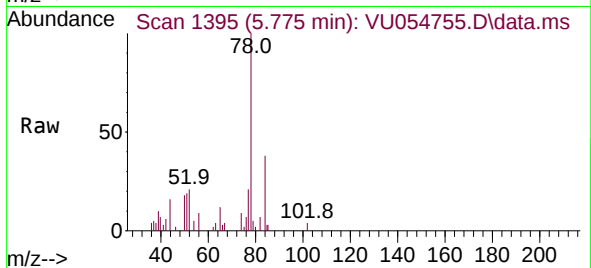




#33
Benzene
Concen: 0.129 ug/L
RT: 5.775 min Scan# 11
Delta R.T. 0.007 min
Lab File: VU054755.D
Acq: 03 Jul 2023 17:43

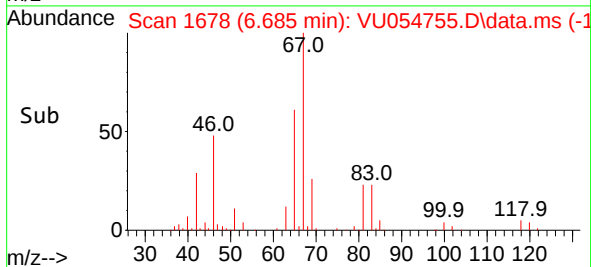
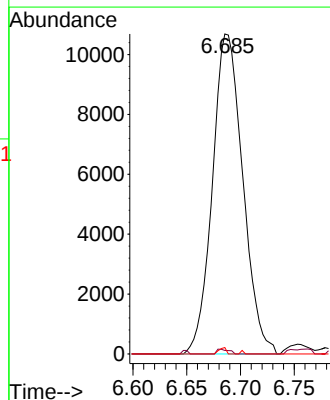
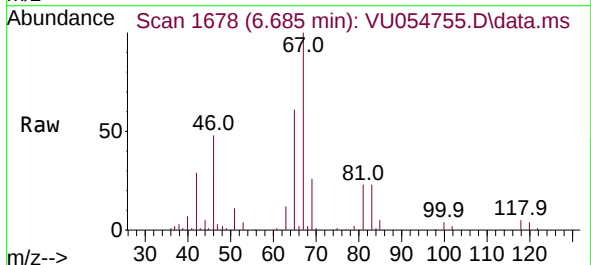
Instrument :
MSVOA_U
ClientSampleId :
A46X9

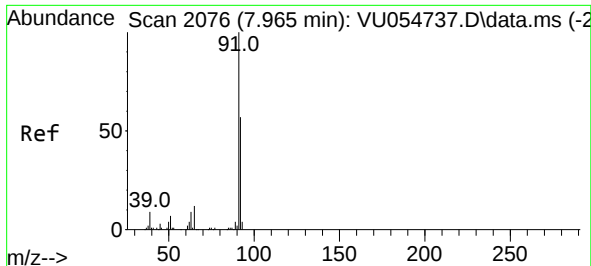
Tgt Ion: 78 Resp: 11347



#35
Methylcyclohexane
Concen: 0.597 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU054755.D
Acq: 03 Jul 2023 17:43

Tgt Ion: 83 Resp: 20990
Ion Ratio Lower Upper
83 100
55 0.6 67.1 100.7#
98 0.5 35.1 52.7#





#42

Toluene

Concen: 1.686 ug/L

RT: 7.968 min Scan# 2076

Delta R.T. 0.003 min

Lab File: VU054755.D

Acq: 03 Jul 2023 17:43

Instrument :

MSVOA_U

ClientSampleId :

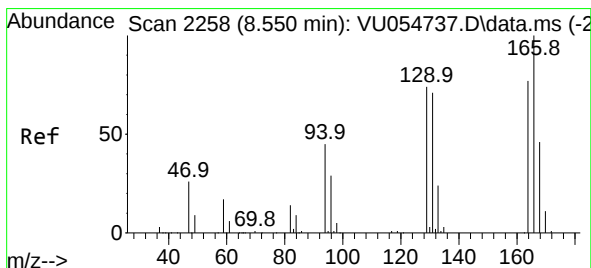
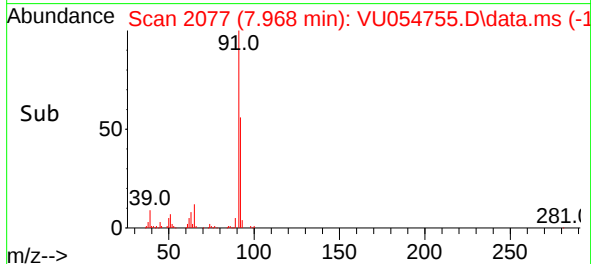
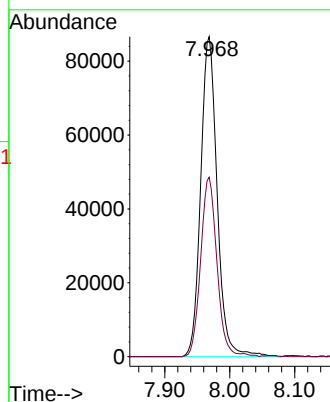
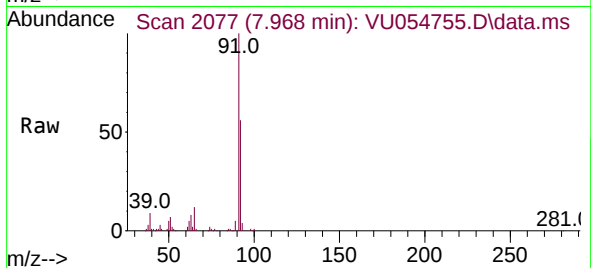
A46X9

Tgt Ion: 91 Resp: 152845

Ion Ratio Lower Upper

91 100

92 56.1 39.5 73.4



#47

Tetrachloroethene

Concen: 0.162 ug/L

RT: 8.557 min Scan# 2260

Delta R.T. 0.006 min

Lab File: VU054755.D

Acq: 03 Jul 2023 17:43

Tgt Ion: 164 Resp: 2888

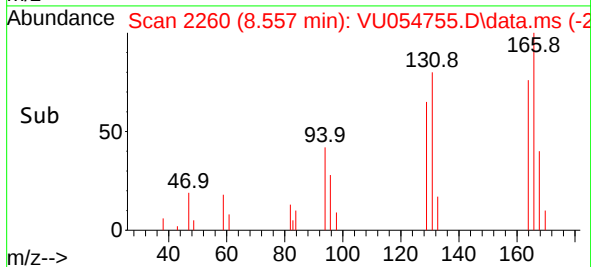
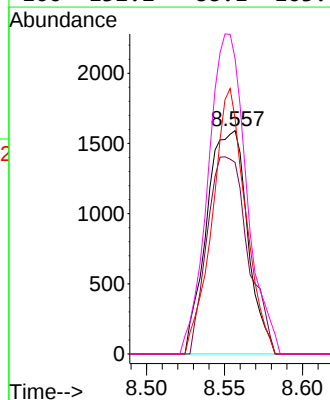
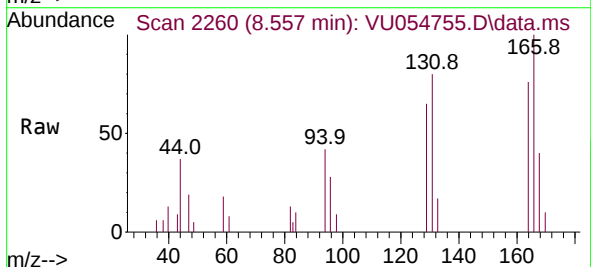
Ion Ratio Lower Upper

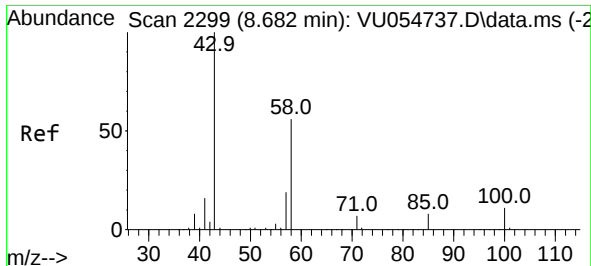
164 100

129 85.7 67.7 125.7

131 105.3 64.6 120.0

166 132.2 88.1 163.7

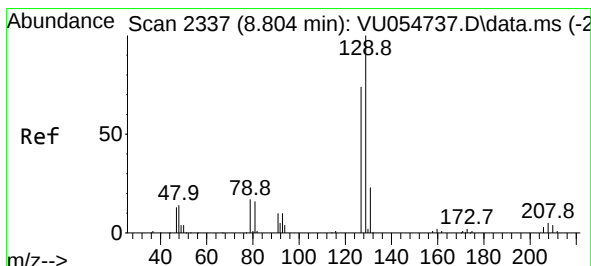
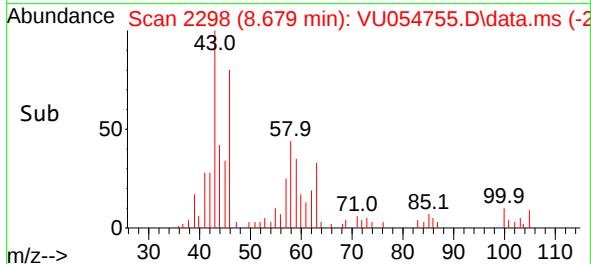
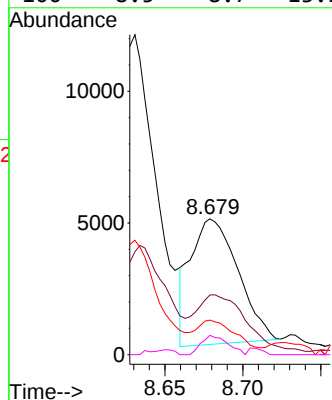
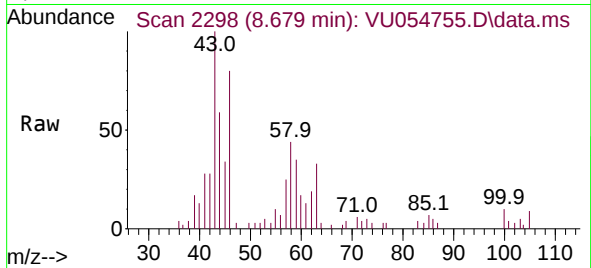




#48
2-Hexanone
Concen: 1.064 ug/L
RT: 8.679 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU054755.D
Acq: 03 Jul 2023 17:43

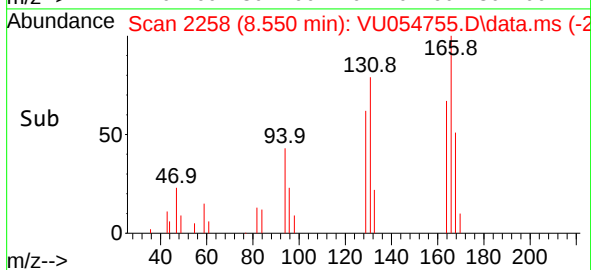
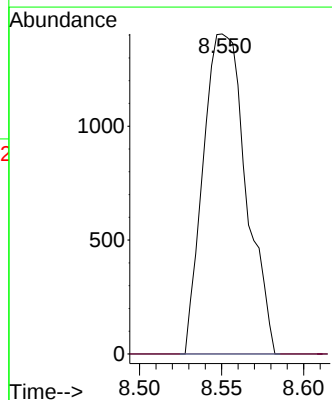
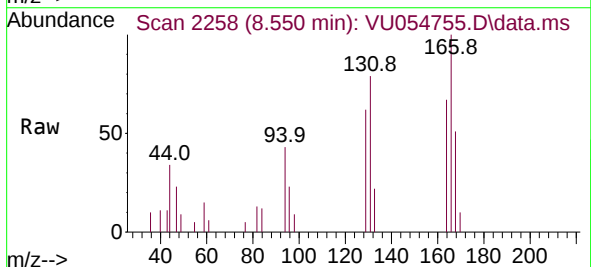
Instrument :
MSVOA_U
ClientSampleId :
A46X9

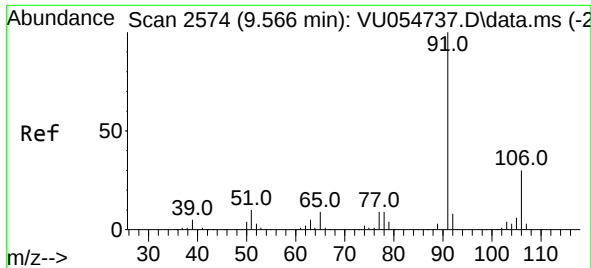
Tgt Ion: 43 Resp: 10068
Ion Ratio Lower Upper
43 100
58 53.6 45.2 67.8
57 23.1 15.8 23.6
100 8.5 8.7 13.1#



#49
Dibromochloromethane
Concen: 0.160 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.254 min
Lab File: VU054755.D
Acq: 03 Jul 2023 17:43

Tgt Ion: 129 Resp: 2550
Ion Ratio Lower Upper
129 100
127 0.0 53.2 98.8#

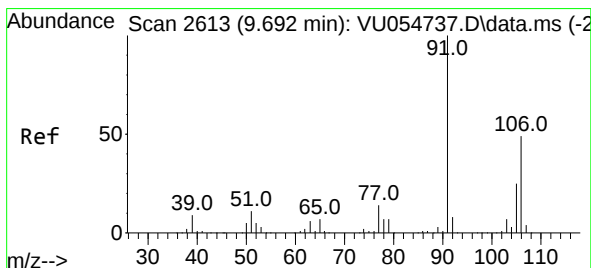
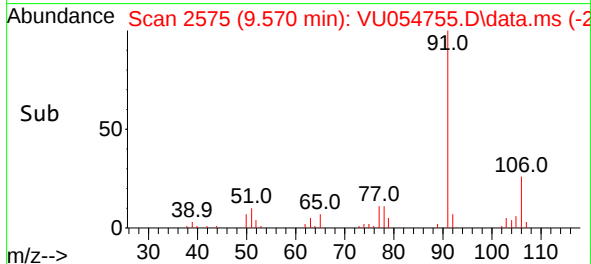
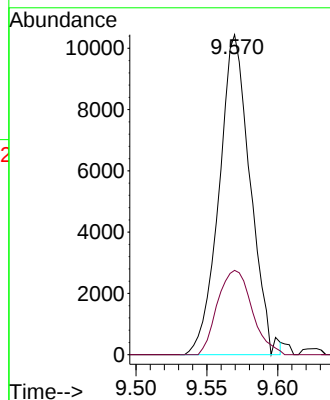
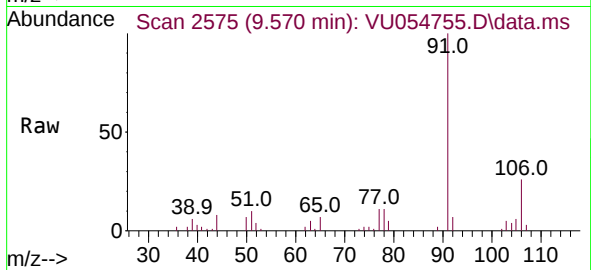




#52
Ethylbenzene
Concen: 0.161 ug/L
RT: 9.570 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU054755.D
Acq: 03 Jul 2023 17:43

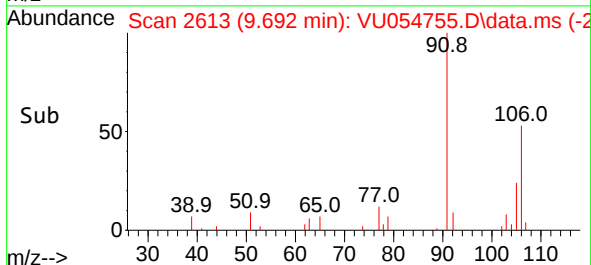
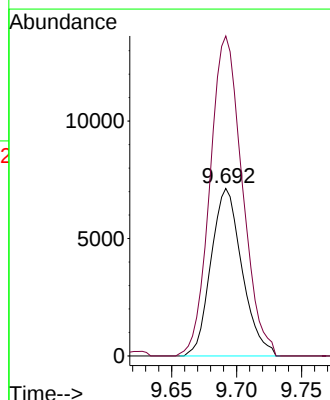
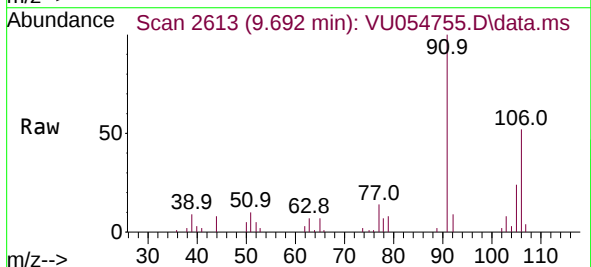
Instrument :
MSVOA_U
ClientSampleId :
A46X9

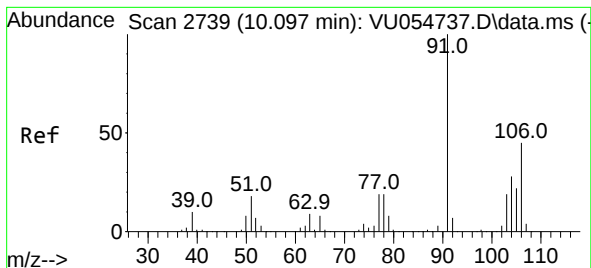
Tgt Ion: 91 Resp: 15926
Ion Ratio Lower Upper
91 100
106 26.4 21.1 39.3



#53
m,p-Xylene
Concen: 0.325 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.000 min
Lab File: VU054755.D
Acq: 03 Jul 2023 17:43

Tgt Ion: 106 Resp: 11824
Ion Ratio Lower Upper
106 100
91 191.0 147.0 273.0





#54

o-Xylene

Concen: 0.163 ug/L

RT: 10.100 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU054755.D

Acq: 03 Jul 2023 17:43

Instrument :

MSVOA_U

ClientSampleId :

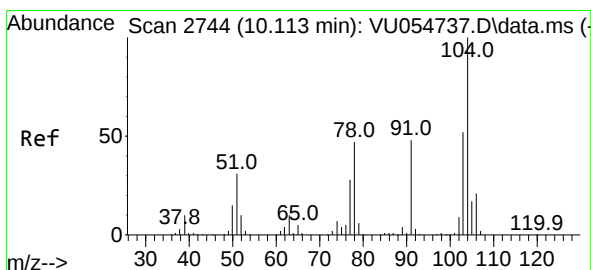
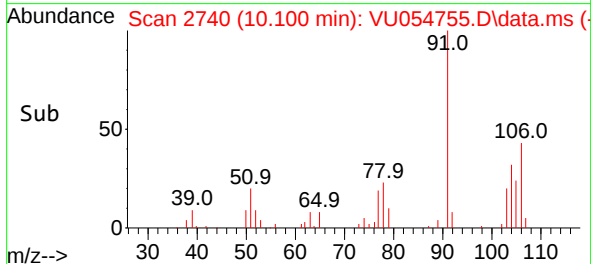
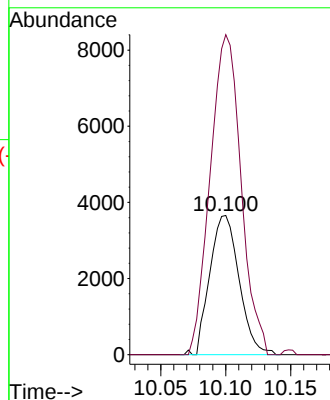
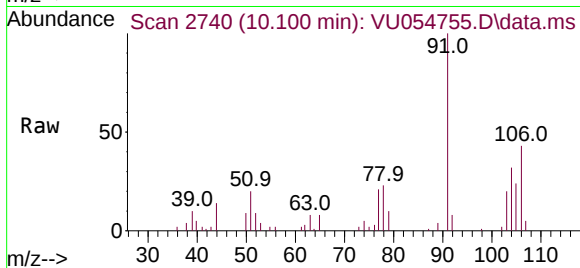
A46X9

Tgt Ion:106 Resp: 5735

Ion Ratio Lower Upper

106 100

91 229.9 154.5 286.9



#55

Styrene

Concen: 0.218 ug/L

RT: 10.113 min Scan# 2744

Delta R.T. 0.000 min

Lab File: VU054755.D

Acq: 03 Jul 2023 17:43

Tgt Ion:104 Resp: 12861

Ion Ratio Lower Upper

104 100

78 48.0 33.0 61.4

