

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070824\
 Data File : VU059885.D
 Acq On : 08 Jul 2024 15:55
 Operator : MD/SY
 Sample : P3137-18DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YDZG7DL

Quant Time: Jul 09 02:37:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jul 09 02:28:04 2024
 Response via : Initial Calibration

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

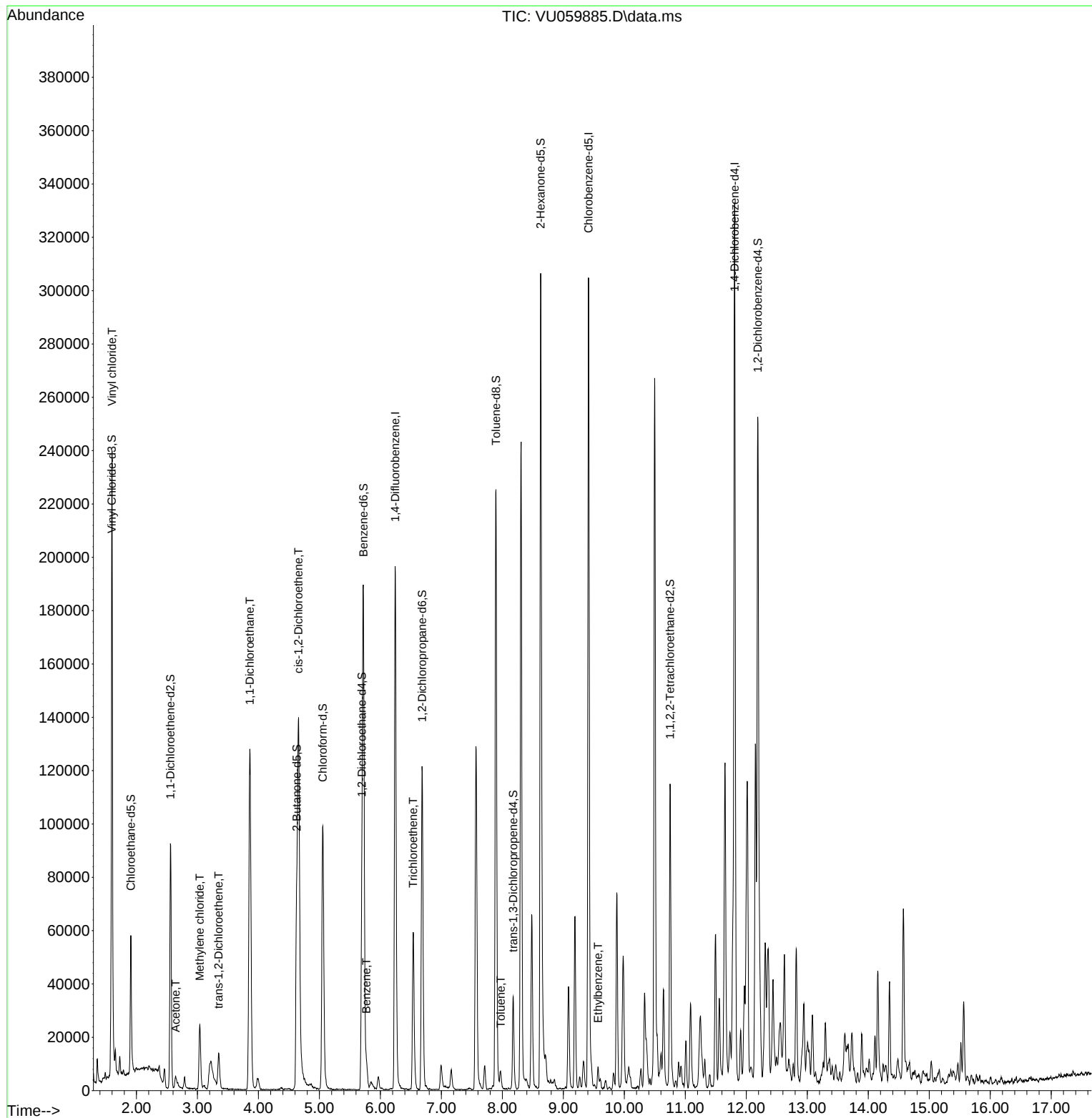
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	171407	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	179437	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	90791	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	43912	3.684	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.600%
7) Chloroethane-d5	1.907	69	40809	3.558	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	71.200%
11) 1,1-Dichloroethene-d2	2.557	65	17153	3.469	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.400%
20) 2-Butanone-d5	4.628	46	122039	49.708	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.420%
24) Chloroform-d	5.055	84	96248	3.934	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.600%
26) 1,2-Dichloroethane-d4	5.695	65	49989	4.242	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.800%
32) Benzene-d6	5.721	84	186014	3.767	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.400%
36) 1,2-Dichloropropane-d6	6.682	67	63094	4.169	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.400%
41) Toluene-d8	7.894	98	162993	3.550	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.000%
43) trans-1,3-Dichloroprop...	8.177	79	21311	4.497	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.000%
46) 2-Hexanone-d5	8.627	63	115698	58.764	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.520%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	58467	4.676	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	72816	4.506	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.200%
Target Compounds						Qvalue
5) Vinyl chloride	1.599	62	138178	8.002	ug/L	97
13) Acetone	2.644	43	8707	5.467	ug/L	100
16) Methylene chloride	3.036	84	13606	0.944	ug/L	90
18) trans-1,2-Dichloroethene	3.348	96	5564	0.440	ug/L	95
19) 1,1-Dichloroethane	3.859	63	151919	6.516	ug/L	99
22) cis-1,2-Dichloroethene	4.657	96	63409	4.550	ug/L	93
33) Benzene	5.769	78	9326	0.171	ug/L	100
34) Trichloroethene	6.538	95	21442	1.453	ug/L	97
42) Toluene	7.972	91	5850	0.101	ug/L	93
52) Ethylbenzene	9.566	91	6373	0.108	ug/L	92

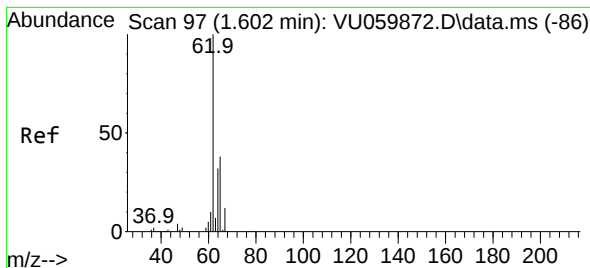
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070824\
Data File : VU059885.D
Acq On : 08 Jul 2024 15:55
Operator : MD/SY
Sample : P3137-18DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZG7DL

Quant Time: Jul 09 02:37:59 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Jul 09 02:28:04 2024
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 8.002 ug/L

RT: 1.599 min Scan# 9

Delta R.T. -0.003 min

Lab File: VU059885.D

Acq: 08 Jul 2024 15:55

Instrument :

MSVOA_U

ClientSampleId :

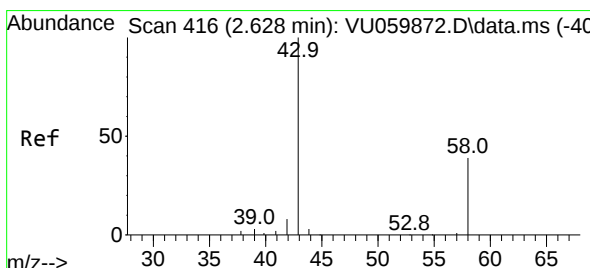
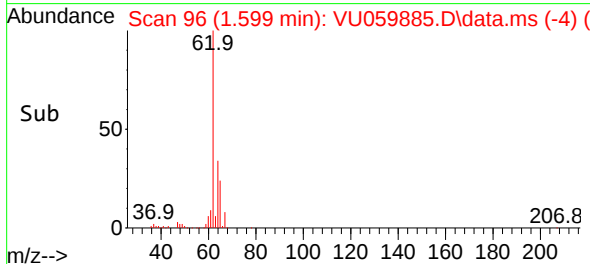
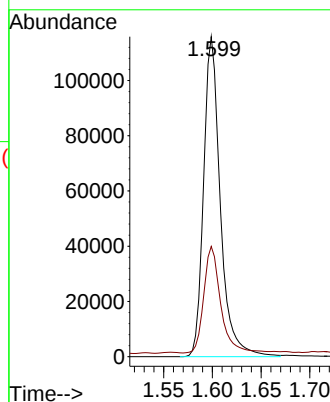
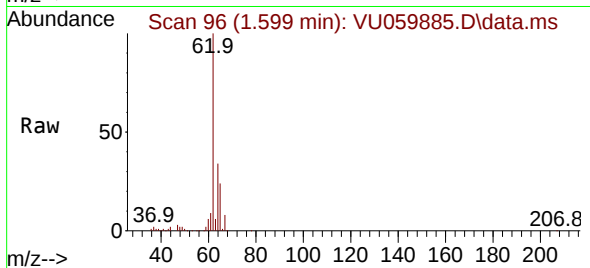
YDZG7DL

Tgt Ion: 62 Resp: 138178

Ion Ratio Lower Upper

62 100

64 34.4 23.1 42.9



#13

Acetone

Concen: 5.467 ug/L

RT: 2.644 min Scan# 421

Delta R.T. 0.016 min

Lab File: VU059885.D

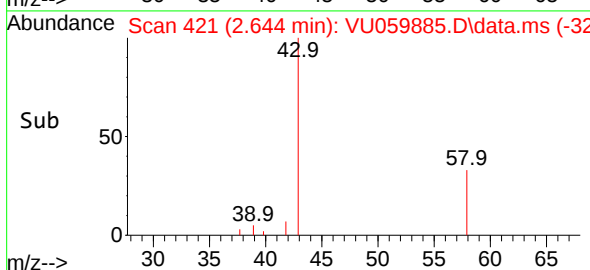
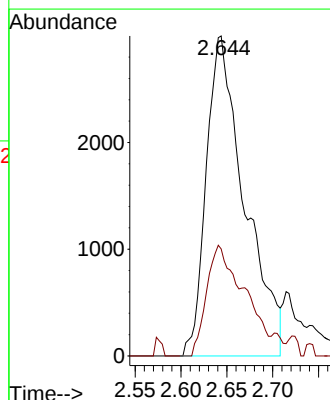
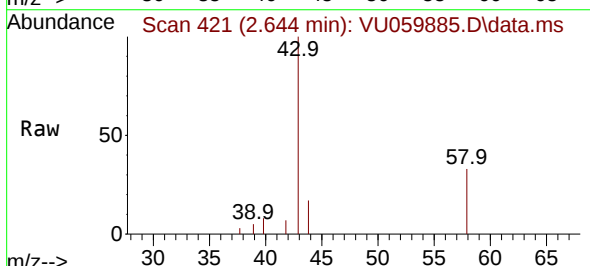
Acq: 08 Jul 2024 15:55

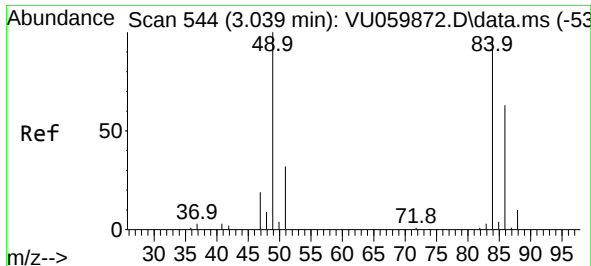
Tgt Ion: 43 Resp: 8707

Ion Ratio Lower Upper

43 100

58 34.2 0.0 68.0

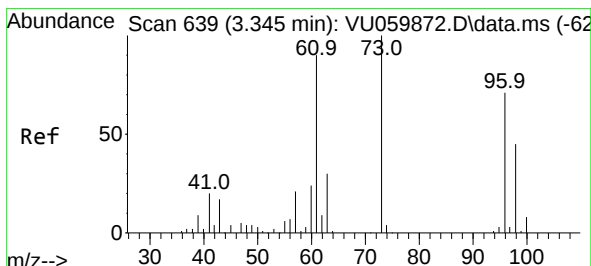
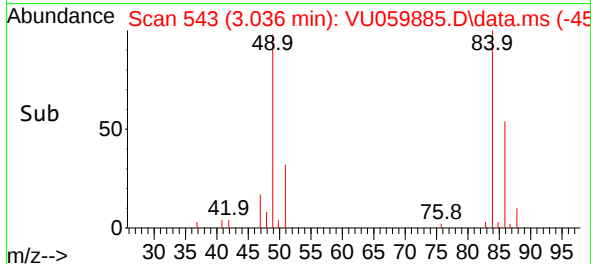
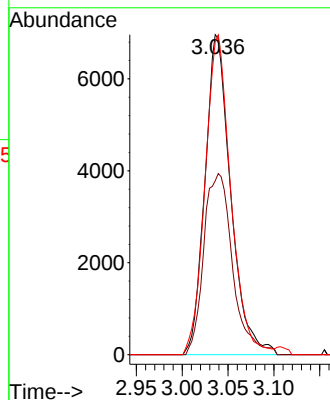
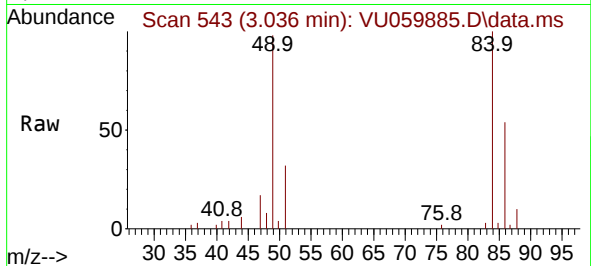




#16
Methylene chloride
Concen: 0.944 ug/L
RT: 3.036 min Scan# 54
Delta R.T. -0.003 min
Lab File: VU059885.D
Acq: 08 Jul 2024 15:55

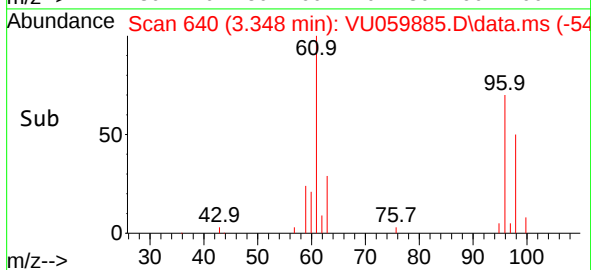
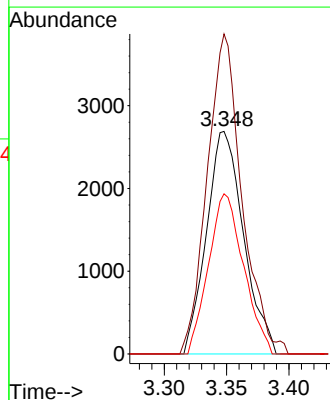
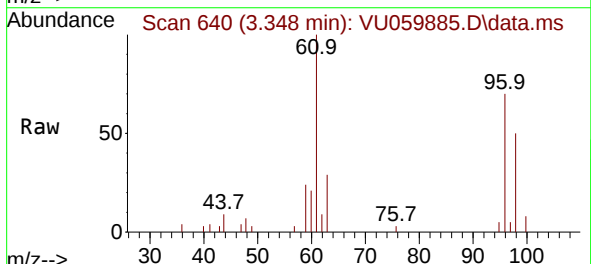
Instrument :
MSVOA_U
ClientSampleId :
YDZG7DL

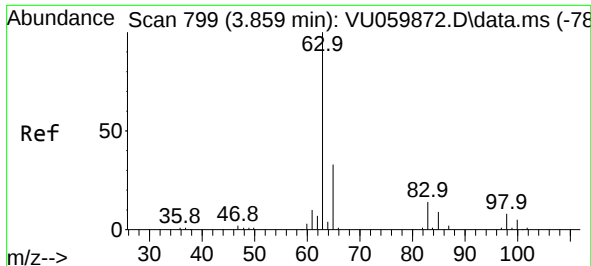
Tgt Ion: 84 Resp: 13606
Ion Ratio Lower Upper
84 100
86 56.0 42.1 78.1
49 101.3 80.6 149.8



#18
trans-1,2-Dichloroethene
Concen: 0.440 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.003 min
Lab File: VU059885.D
Acq: 08 Jul 2024 15:55

Tgt Ion: 96 Resp: 5564
Ion Ratio Lower Upper
96 100
61 143.8 101.8 189.0
98 72.0 43.3 80.5





#19

1,1-Dichloroethane

Concen: 6.516 ug/L

RT: 3.859 min Scan# 799

Delta R.T. 0.000 min

Lab File: VU059885.D

Acq: 08 Jul 2024 15:55

Instrument :

MSVOA_U

ClientSampleId :

YDZG7DL

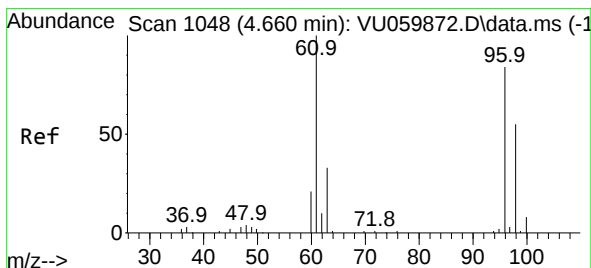
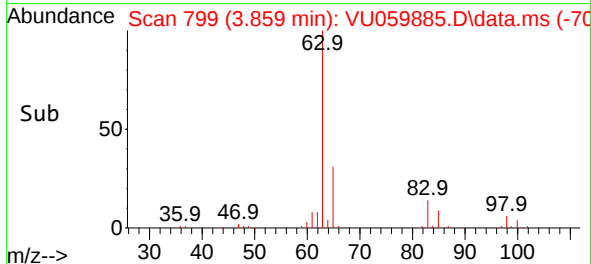
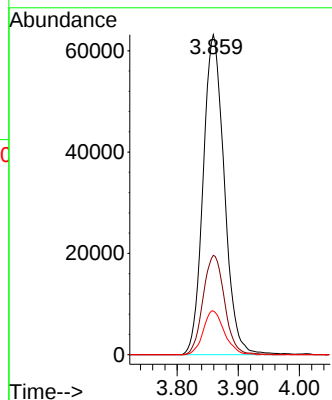
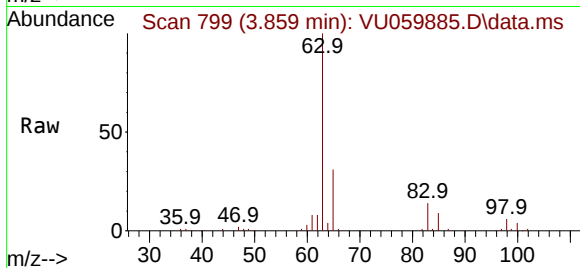
Tgt Ion: 63 Resp: 151919

Ion Ratio Lower Upper

63 100

65 31.0 21.8 40.6

83 13.7 9.9 18.5



#22

cis-1,2-Dichloroethene

Concen: 4.550 ug/L

RT: 4.657 min Scan# 1047

Delta R.T. -0.003 min

Lab File: VU059885.D

Acq: 08 Jul 2024 15:55

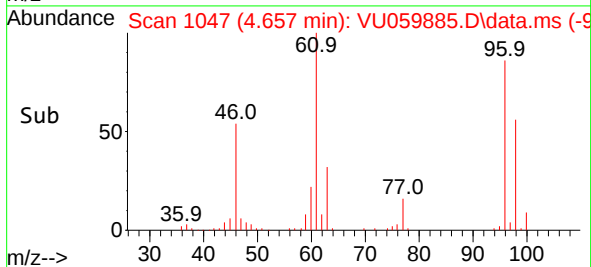
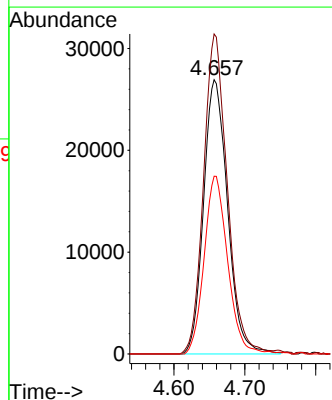
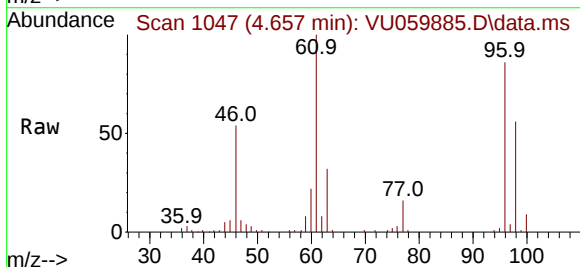
Tgt Ion: 96 Resp: 63409

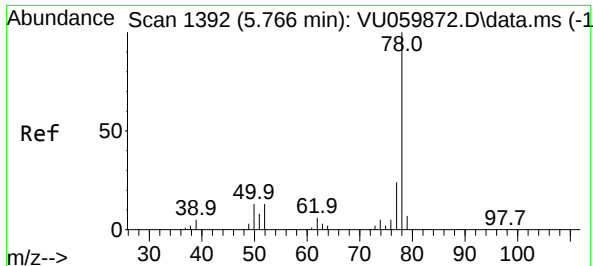
Ion Ratio Lower Upper

96 100

61 116.7 87.4 162.2

98 64.8 42.3 78.5





#33

Benzene

Concen: 0.171 ug/L

RT: 5.769 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU059885.D

Acq: 08 Jul 2024 15:55

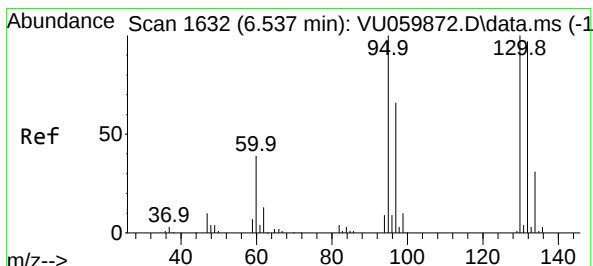
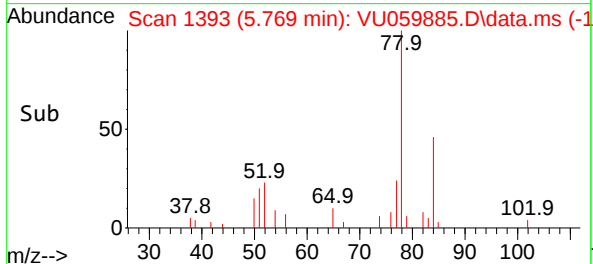
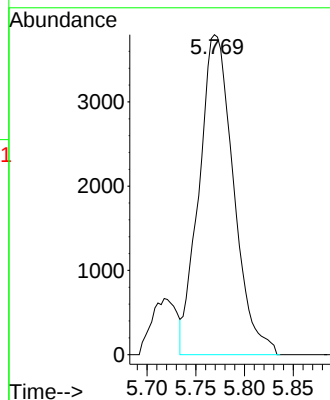
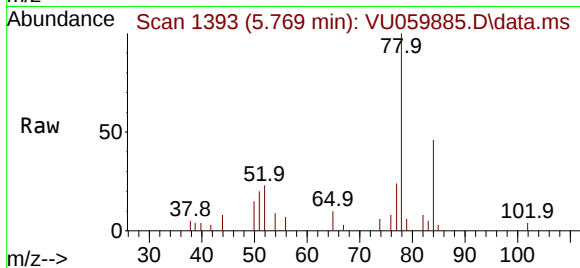
Instrument :

MSVOA_U

ClientSampleId :

YDZG7DL

Tgt Ion: 78 Resp: 9326



#34

Trichloroethene

Concen: 1.453 ug/L

RT: 6.538 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VU059885.D

Acq: 08 Jul 2024 15:55

Tgt Ion: 95 Resp: 21442

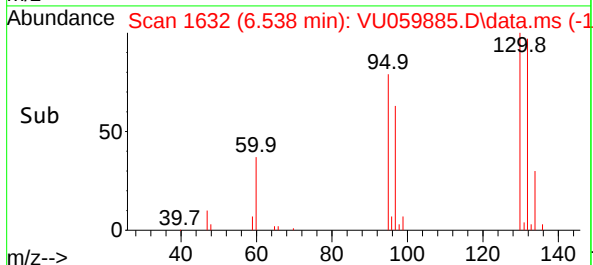
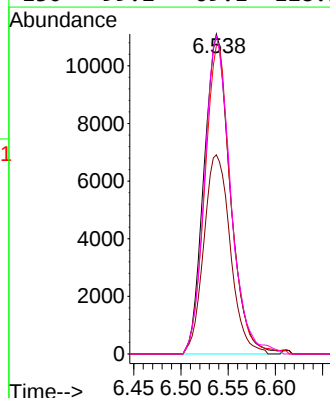
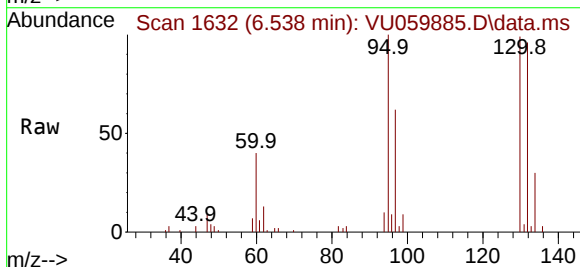
Ion Ratio Lower Upper

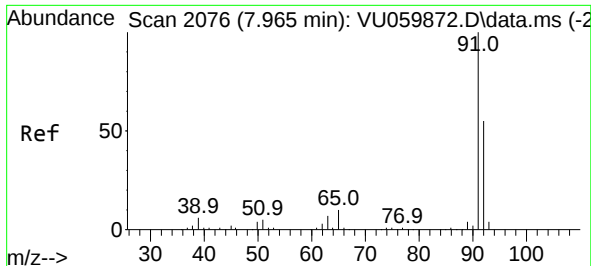
95 100

97 62.3 45.3 84.1

132 96.4 64.0 119.0

130 99.2 69.1 128.3





#42

Toluene

Concen: 0.101 ug/L

RT: 7.972 min Scan# 2076

Delta R.T. 0.007 min

Lab File: VU059885.D

Acq: 08 Jul 2024 15:55

Instrument :

MSVOA_U

ClientSampleId :

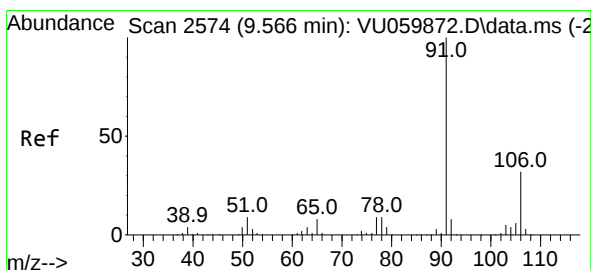
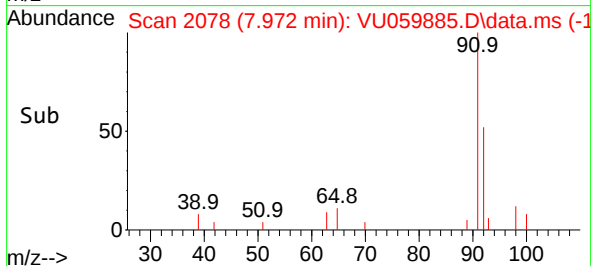
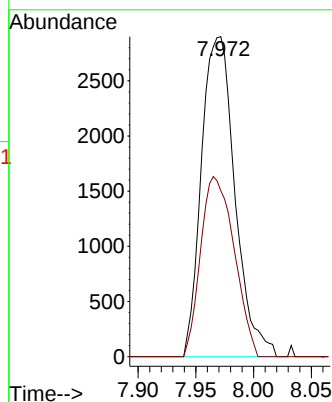
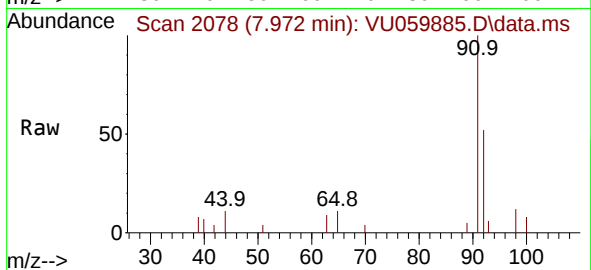
YDZG7DL

Tgt Ion: 91 Resp: 5850

Ion Ratio Lower Upper

91 100

92 51.9 39.7 73.7



#52

Ethylbenzene

Concen: 0.108 ug/L

RT: 9.566 min Scan# 2574

Delta R.T. 0.000 min

Lab File: VU059885.D

Acq: 08 Jul 2024 15:55

Tgt Ion: 91 Resp: 6373

Ion Ratio Lower Upper

91 100

106 34.3 20.9 38.7

