

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061924\
 Data File : VU059346.D
 Acq On : 19 Jun 2024 12:20
 Operator : MD/SY
 Sample : P2898-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E1G85

Quant Time: Jun 20 05:59:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jun 17 12:07:46 2024
 Response via : Initial Calibration

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

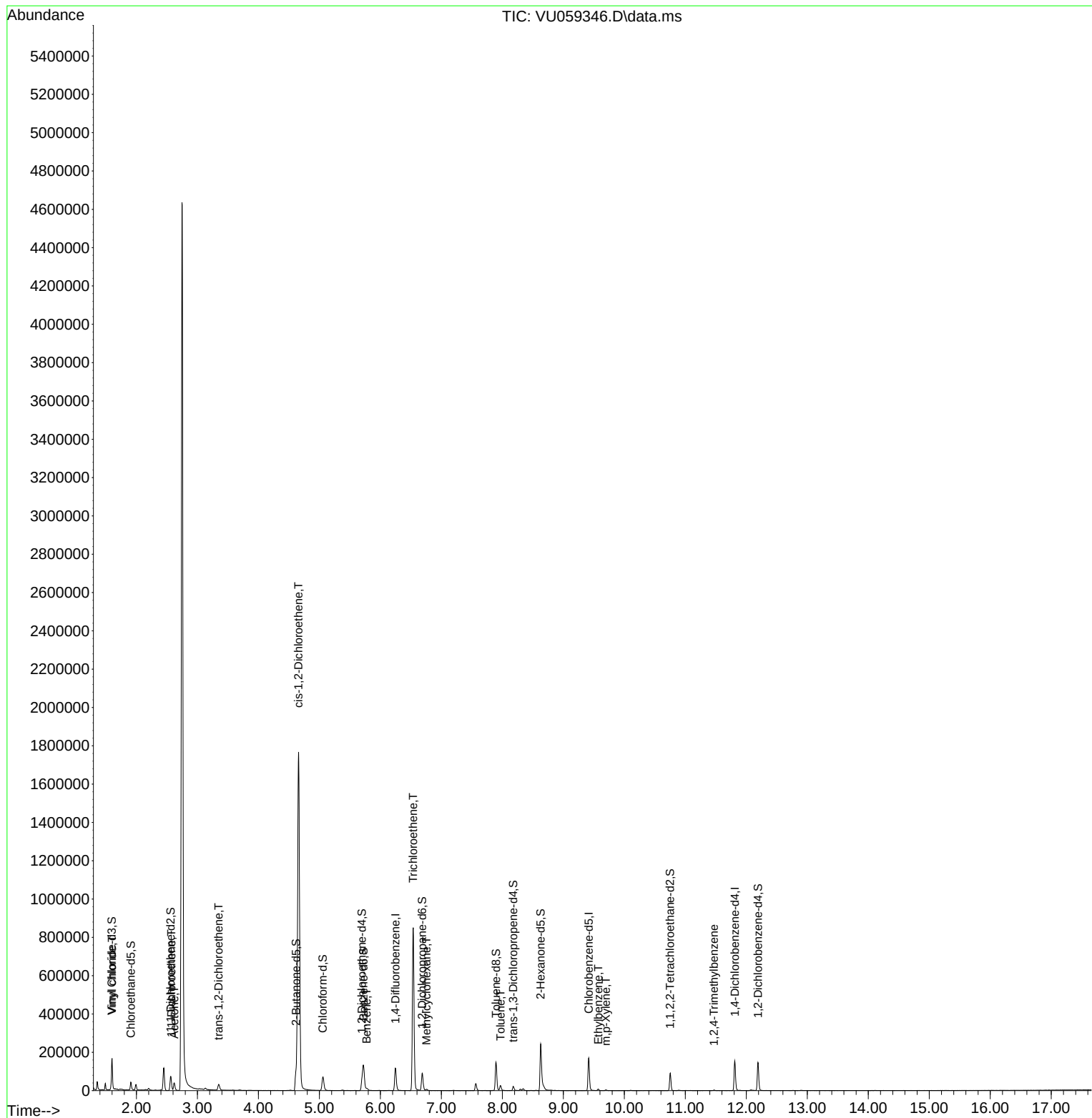
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	99016	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	101307	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	45691	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	30824	4.477	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.600%
7) Chloroethane-d5	1.908	69	31911	4.817	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.400%
11) 1,1-Dichloroethene-d2	2.560	65	12756	4.466	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.400%
20) 2-Butanone-d5	4.615	46	124326	87.663	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	175.320%#
24) Chloroform-d	5.055	84	68517	4.848	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
26) 1,2-Dichloroethane-d4	5.695	65	39666	5.827	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.600%
32) Benzene-d6	5.721	84	132136	4.739	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
36) 1,2-Dichloropropane-d6	6.685	67	43901	5.139	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.800%
41) Toluene-d8	7.894	98	106490	4.108	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.200%
43) trans-1,3-Dichloroprop...	8.177	79	13519	5.053	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.000%
46) 2-Hexanone-d5	8.628	63	84522	76.038	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	152.080%#
56) 1,1,2,2-Tetrachloroeth...	10.750	84	47073	6.669	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	133.400%#
66) 1,2-Dichlorobenzene-d4	12.190	152	42035	5.169	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.400%
Target Compounds						Qvalue
5) Vinyl chloride	1.599	62	45650	4.576	ug/L	96
12) 1,1-Dichloroethene	2.573	96	4763	0.678	ug/L #	1
13) Acetone	2.618	43	44710	48.599	ug/L	96
18) trans-1,2-Dichloroethene	3.345	96	12811	1.754	ug/L	91
22) cis-1,2-Dichloroethene	4.657	96	964911	119.864	ug/L	96
33) Benzene	5.776	78	11022	0.358	ug/L	100
34) Trichloroethene	6.538	95	297322	35.686	ug/L	98
35) Methylcyclohexane	6.756	83	2393	0.202	ug/L	96
42) Toluene	7.968	91	21170	0.650	ug/L	100
52) Ethylbenzene	9.573	91	6385	0.191	ug/L	95
53) m,p-Xylene	9.695	106	1287	0.100	ug/L	97
63) 1,2,4-Trimethylbenzene	11.467	105	2027	0.095	ug/L	93

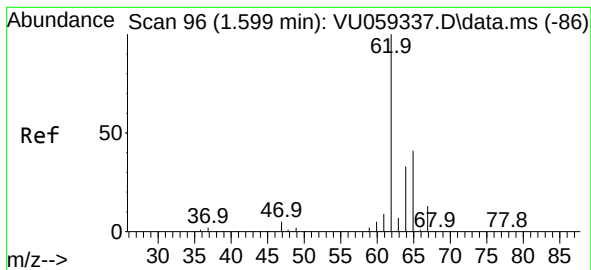
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 4.576 ug/L

RT: 1.599 min Scan# 96

Delta R.T. 0.000 min

Lab File: VU059346.D

Acq: 19 Jun 2024 12:20

Instrument :

MSVOA_U

ClientSampleId :

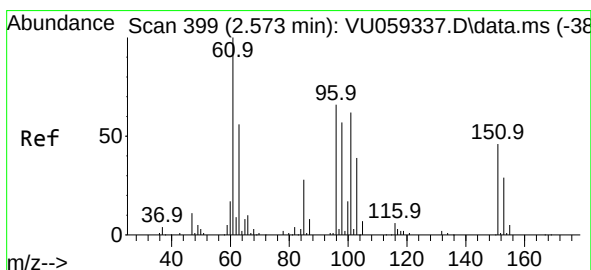
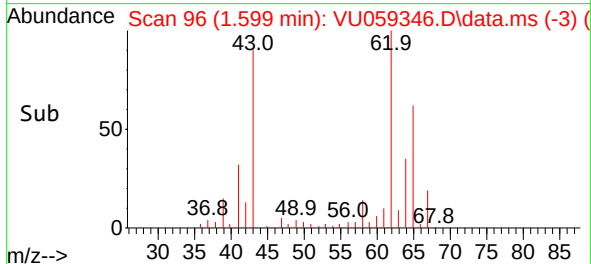
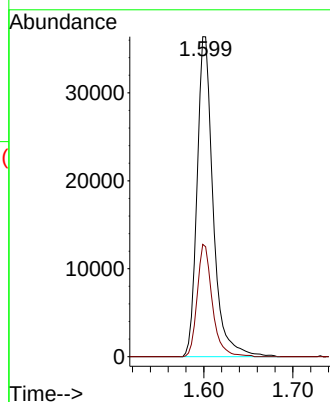
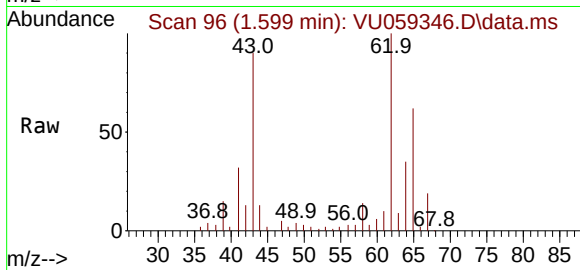
E1G85

Tgt Ion: 62 Resp: 45650

Ion Ratio Lower Upper

62 100

64 35.1 23.1 42.9



#12

1,1-Dichloroethene

Concen: 0.678 ug/L

RT: 2.573 min Scan# 399

Delta R.T. -0.003 min

Lab File: VU059346.D

Acq: 19 Jun 2024 12:20

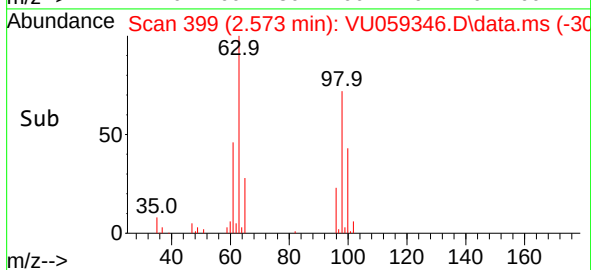
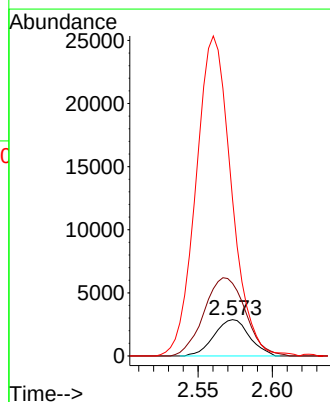
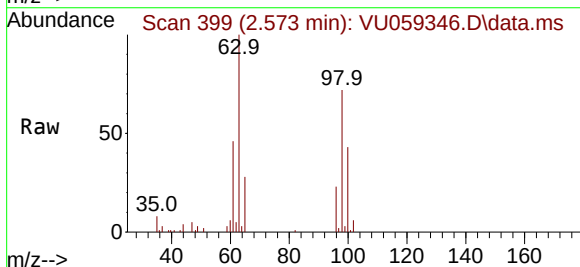
Tgt Ion: 96 Resp: 4763

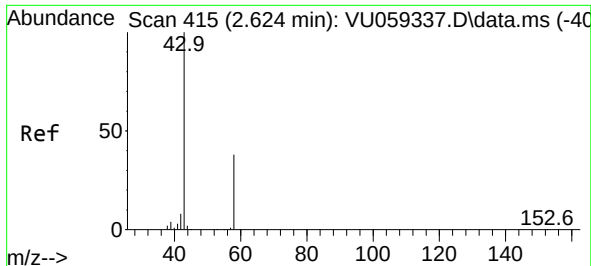
Ion Ratio Lower Upper

96 100

61 199.9 122.9 228.3

63 431.4 80.4 149.4#





#13

Acetone

Concen: 48.599 ug/L

RT: 2.618 min Scan# 415

Delta R.T. -0.022 min

Lab File: VU059346.D

Acq: 19 Jun 2024 12:20

Instrument :

MSVOA_U

ClientSampleId :

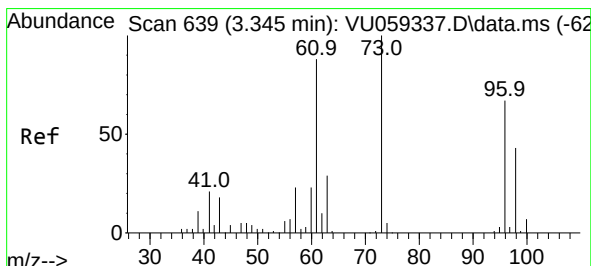
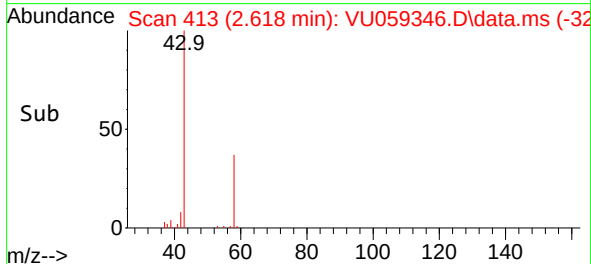
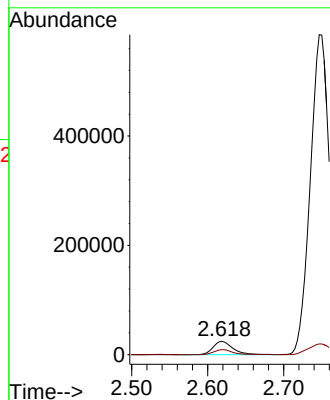
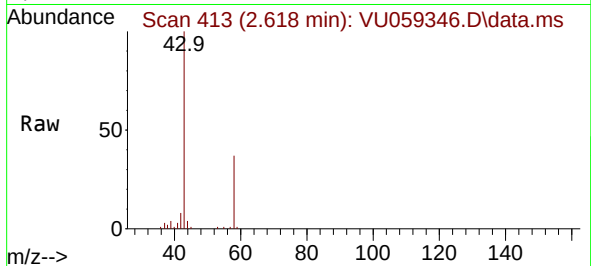
E1G85

Tgt Ion: 43 Resp: 44710

Ion Ratio Lower Upper

43 100

58 36.5 0.0 68.0



#18

trans-1,2-Dichloroethene

Concen: 1.754 ug/L

RT: 3.345 min Scan# 639

Delta R.T. -0.003 min

Lab File: VU059346.D

Acq: 19 Jun 2024 12:20

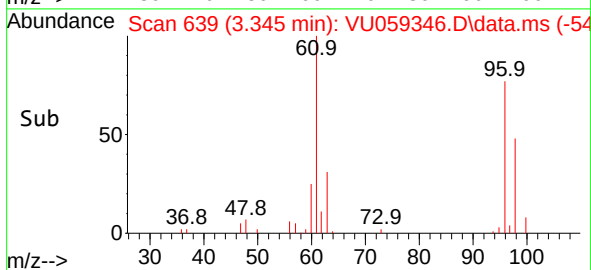
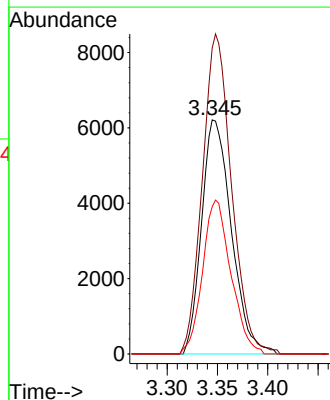
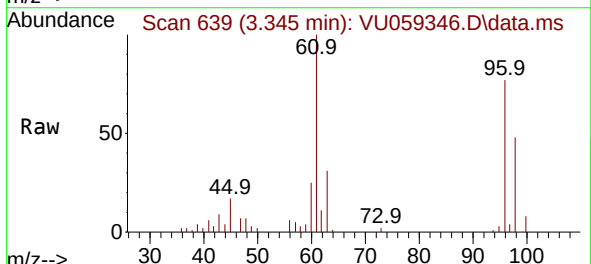
Tgt Ion: 96 Resp: 12811

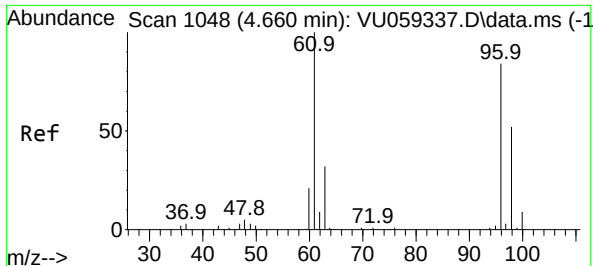
Ion Ratio Lower Upper

96 100

61 130.7 101.8 189.0

98 62.9 43.3 80.5



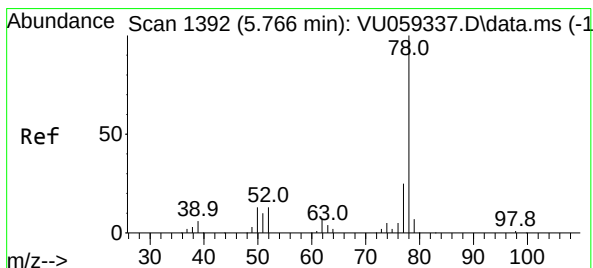
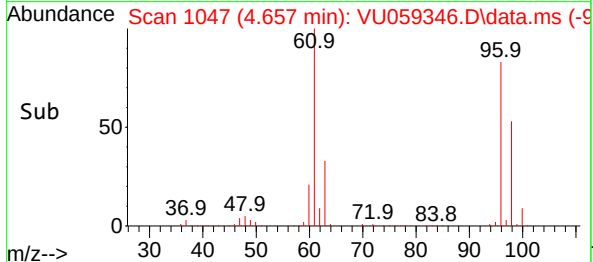
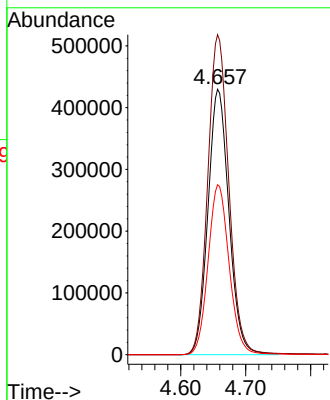
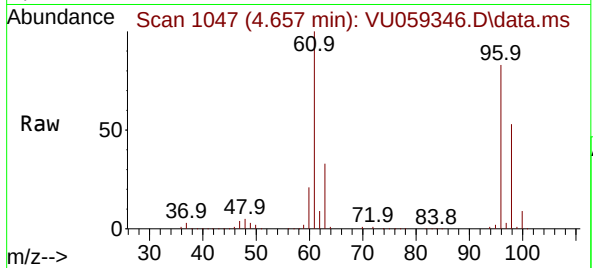


#22
 cis-1,2-Dichloroethene
 Concen: 119.864 ug/L
 RT: 4.657 min Scan# 1047
 Delta R.T. 0.000 min
 Lab File: VU059346.D
 Acq: 19 Jun 2024 12:20

Instrument :
 MSVOA_U
 ClientSampleId :
 E1G85

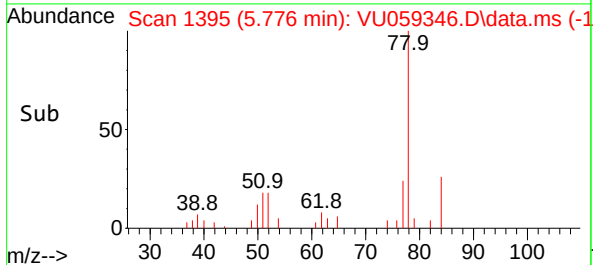
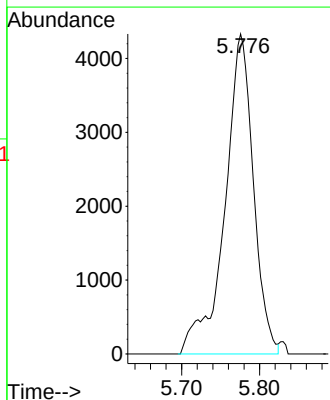
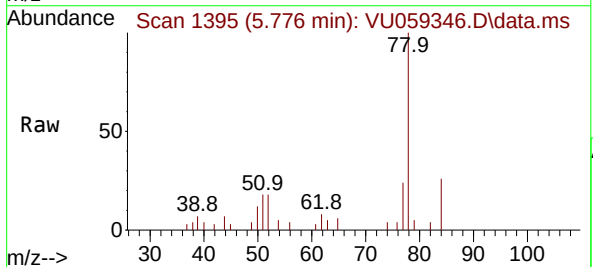
Tgt Ion: 96 Resp: 964911

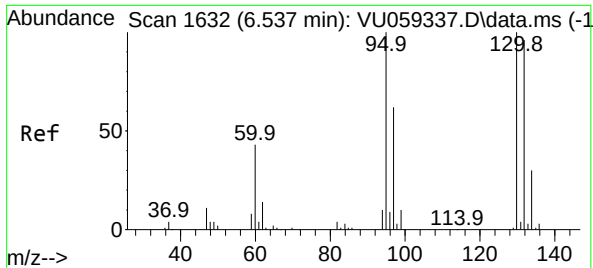
Ion	Ratio	Lower	Upper
96	100		
61	120.6	87.4	162.2
98	64.0	42.3	78.5



#33
 Benzene
 Concen: 0.358 ug/L
 RT: 5.776 min Scan# 1395
 Delta R.T. 0.010 min
 Lab File: VU059346.D
 Acq: 19 Jun 2024 12:20

Tgt Ion: 78 Resp: 11022

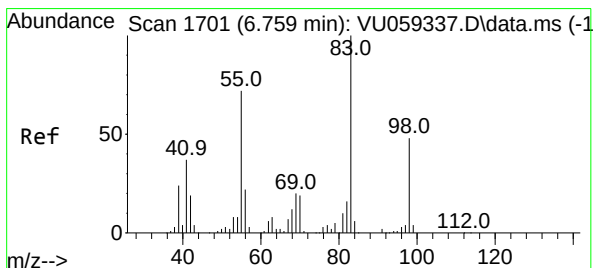
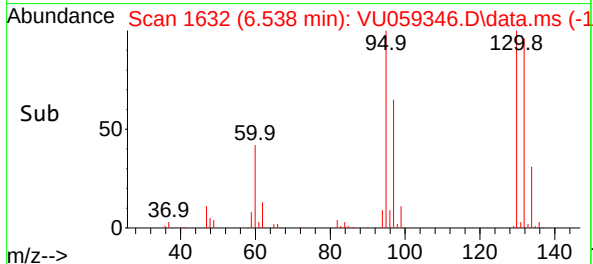
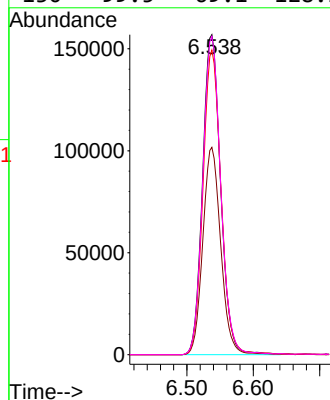
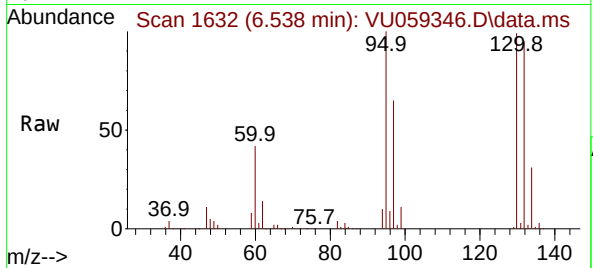




#34
Trichloroethene
Concen: 35.686 ug/L
RT: 6.538 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU059346.D
Acq: 19 Jun 2024 12:20

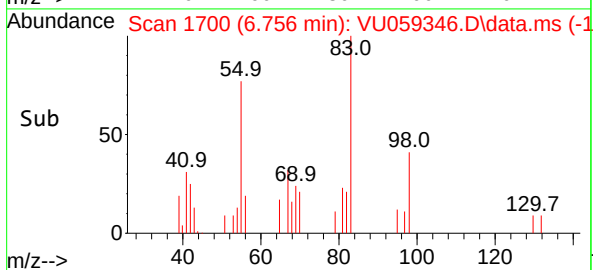
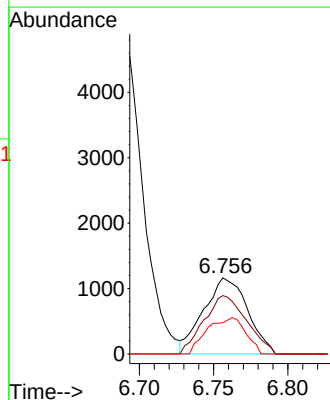
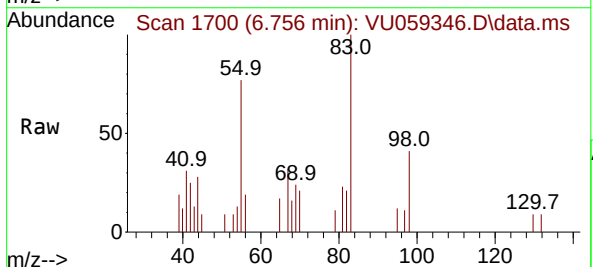
Instrument :
MSVOA_U
ClientSampleId :
E1G85

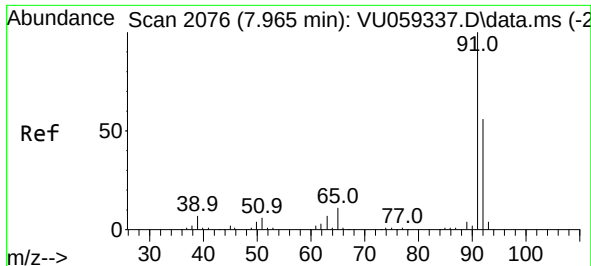
Tgt Ion: 95 Resp: 297322
Ion Ratio Lower Upper
95 100
97 64.8 45.3 84.1
132 95.2 64.0 119.0
130 99.5 69.1 128.3



#35
Methylcyclohexane
Concen: 0.202 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VU059346.D
Acq: 19 Jun 2024 12:20

Tgt Ion: 83 Resp: 2393
Ion Ratio Lower Upper
83 100
55 74.3 62.7 94.1
98 41.7 35.4 53.0





#42

Toluene

Concen: 0.650 ug/L

RT: 7.968 min Scan# 2076

Delta R.T. 0.003 min

Lab File: VU059346.D

Acq: 19 Jun 2024 12:20

Instrument :

MSVOA_U

ClientSampleId :

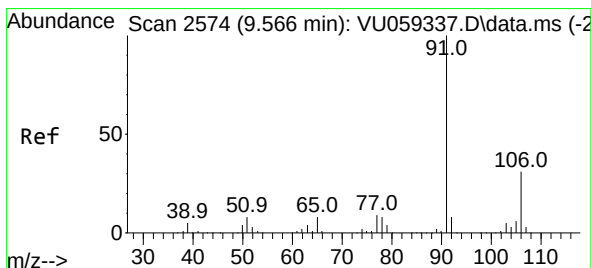
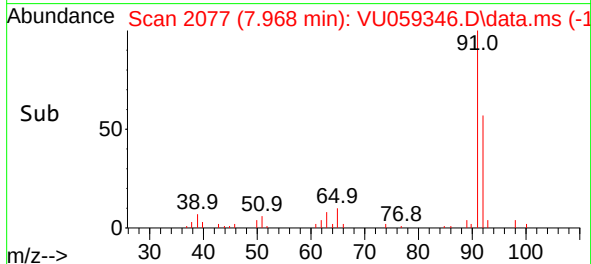
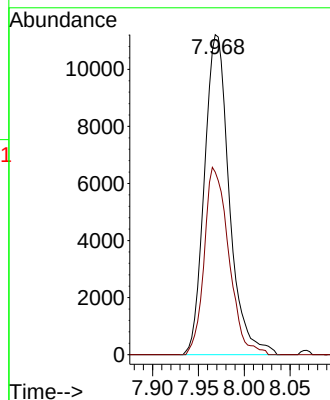
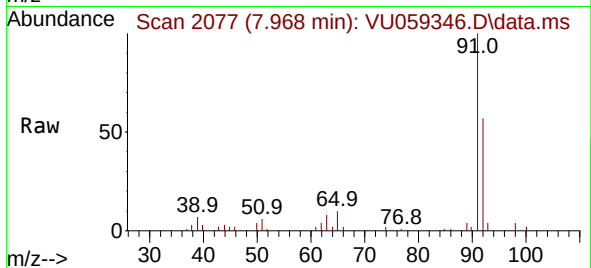
E1G85

Tgt Ion: 91 Resp: 21170

Ion Ratio Lower Upper

91 100

92 57.1 39.7 73.7



#52

Ethylbenzene

Concen: 0.191 ug/L

RT: 9.573 min Scan# 2576

Delta R.T. 0.010 min

Lab File: VU059346.D

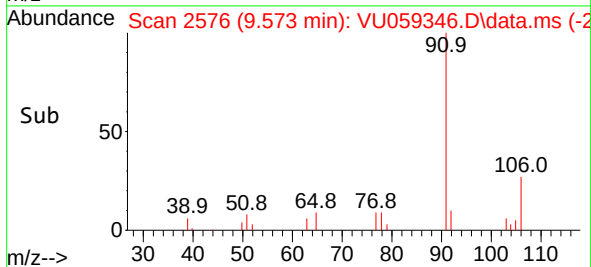
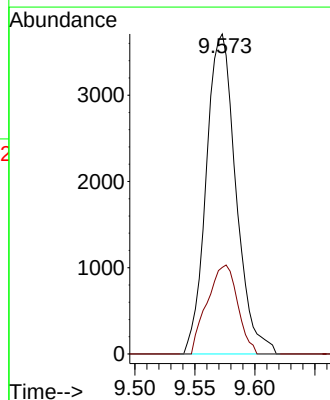
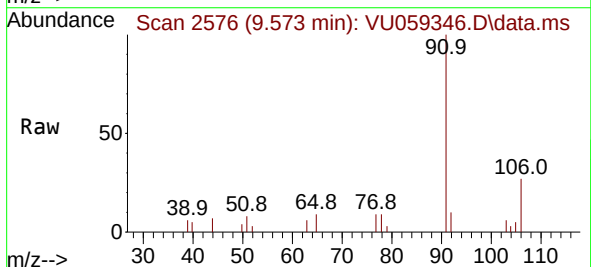
Acq: 19 Jun 2024 12:20

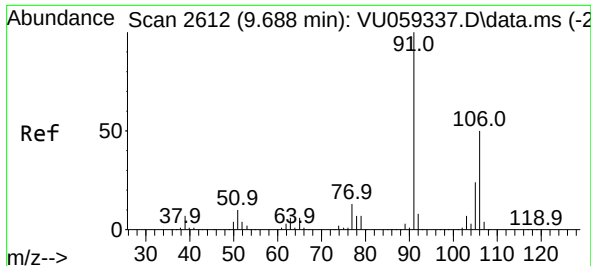
Tgt Ion: 91 Resp: 6385

Ion Ratio Lower Upper

91 100

106 27.0 20.9 38.7

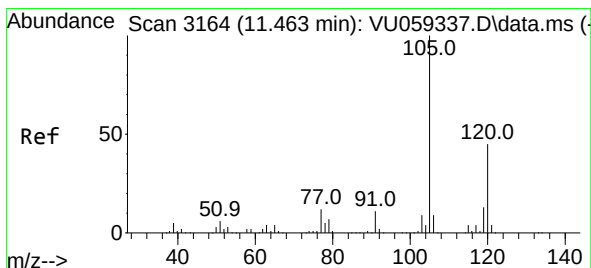
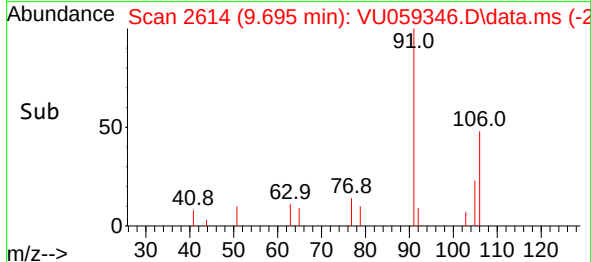
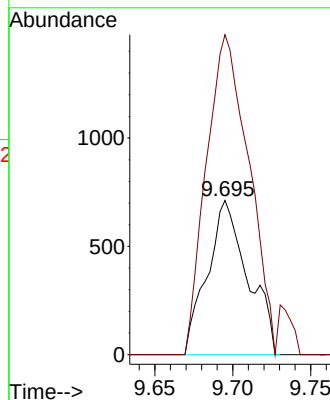
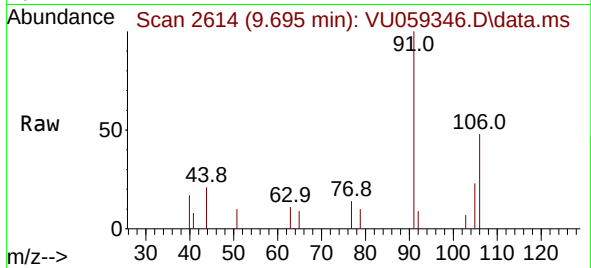




#53
 m,p-Xylene
 Concen: 0.100 ug/L
 RT: 9.695 min Scan# 2165
 Delta R.T. 0.007 min
 Lab File: VU059346.D
 Acq: 19 Jun 2024 12:20

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 MSVOA_U
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Tgt Ion:106 Resp: 1287
 Ion Ratio Lower Upper
 106 100
 91 207.4 142.0 263.8



#63
 1,2,4-Trimethylbenzene
 Concen: 0.095 ug/L
 RT: 11.467 min Scan# 3165
 Delta R.T. 0.004 min
 Lab File: VU059346.D
 Acq: 19 Jun 2024 12:20

Tgt Ion:105 Resp: 2027
 Ion Ratio Lower Upper
 105 100
 120 48.5 35.4 53.0

