

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072924\
 Data File : VU060256.D
 Acq On : 29 Jul 2024 17:14
 Operator : MD/SY
 Sample : P3344-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHAW9

Quant Time: Jul 30 04:24:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jul 30 04:21:24 2024
 Response via : Initial Calibration

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

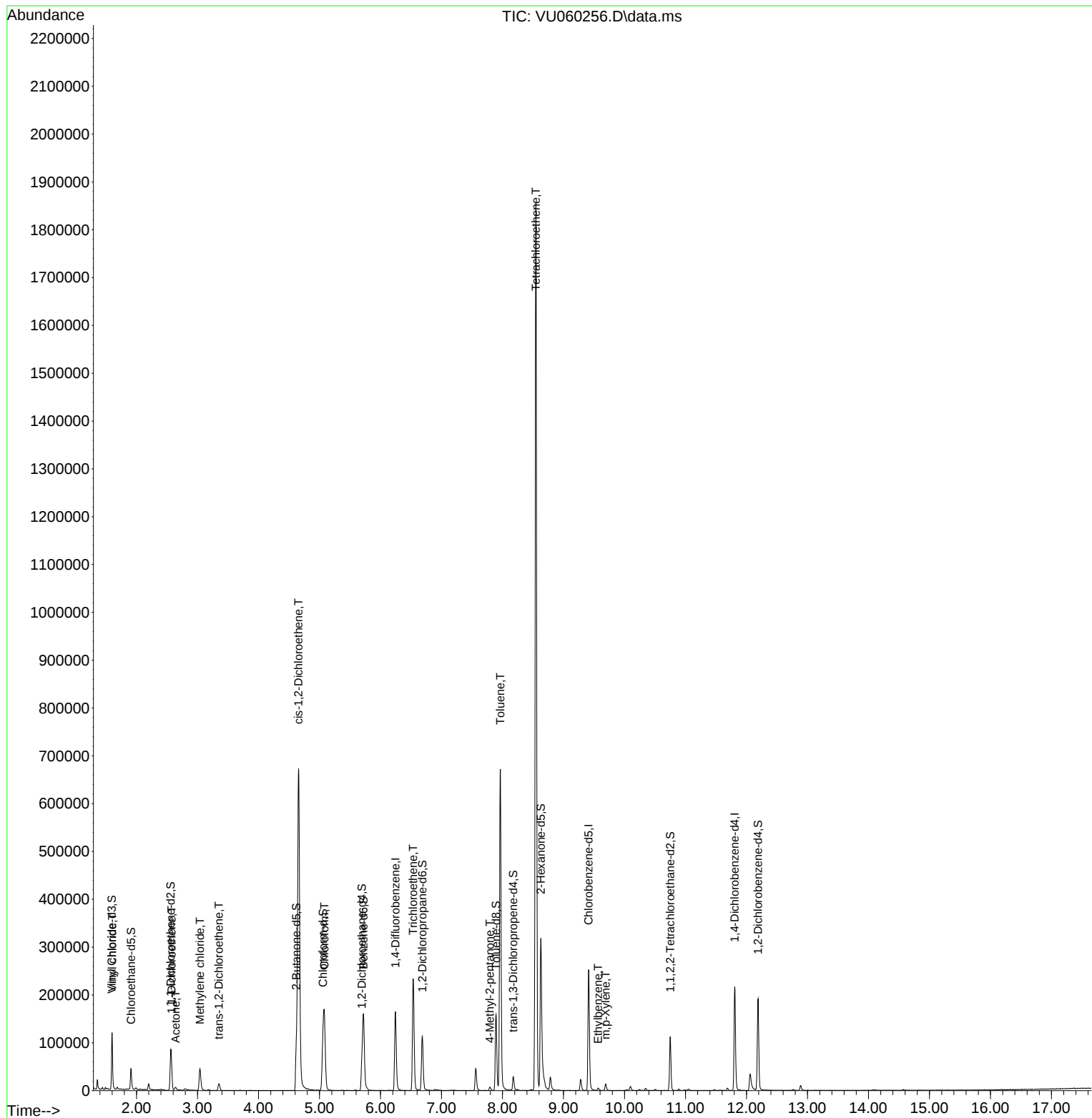
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	137268	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	150560	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	62363	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	34942	3.659	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.200%
7) Chloroethane-d5	1.911	69	35713	4.025	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.600%
11) 1,1-Dichloroethene-d2	2.560	65	13333	3.576	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.600%
20) 2-Butanone-d5	4.621	46	153598	68.789	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	137.580%#
24) Chloroform-d	5.055	84	93953	4.681	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
26) 1,2-Dichloroethane-d4	5.695	65	45746	4.895	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.800%
32) Benzene-d6	5.721	84	154119	3.821	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.400%
36) 1,2-Dichloropropane-d6	6.685	67	59452	4.625	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.600%
41) Toluene-d8	7.894	98	112468	3.086	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	61.800%#
43) trans-1,3-Dichloroprop...	8.177	79	17824	4.074	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.400%
46) 2-Hexanone-d5	8.627	63	113767	58.593	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.180%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	57856	5.057	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	54020	4.799	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.000%
Target Compounds						Qvalue
5) Vinyl chloride	1.602	62	47126	3.353	ug/L	99
12) 1,1-Dichloroethene	2.573	96	10678	1.019	ug/L #	19
13) Acetone	2.640	43	10596	7.174	ug/L	94
16) Methylene chloride	3.039	84	24733	1.925	ug/L	95
18) trans-1,2-Dichloroethene	3.351	96	6229	0.572	ug/L	89
22) cis-1,2-Dichloroethene	4.656	96	363269	29.759	ug/L	94
25) Chloroform	5.081	83	132784	5.835	ug/L	99
34) Trichloroethene	6.534	95	84877	6.434	ug/L	93
40) 4-Methyl-2-pentanone	7.791	43	5170	0.870	ug/L #	84
42) Toluene	7.965	91	515921	9.747	ug/L	99
47) Tetrachloroethene	8.547	164	417787	38.305	ug/L	96
52) Ethylbenzene	9.569	91	4465	0.085	ug/L	99
53) m,p-Xylene	9.692	106	4502	0.221	ug/L	98

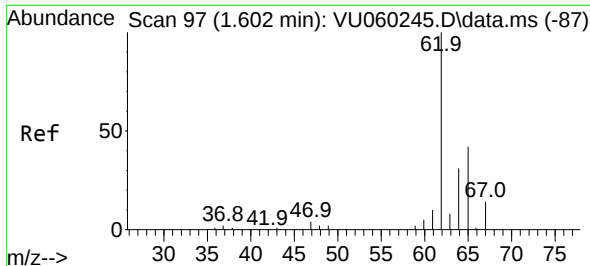
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072924\
Data File : VU060256.D
Acq On : 29 Jul 2024 17:14
Operator : MD/SY
Sample : P3344-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHAW9

Quant Time: Jul 30 04:24:11 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Jul 30 04:21:24 2024
Response via : Initial Calibration

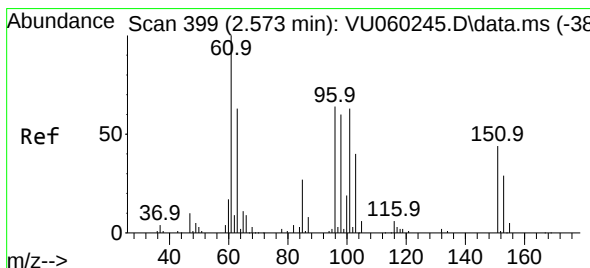
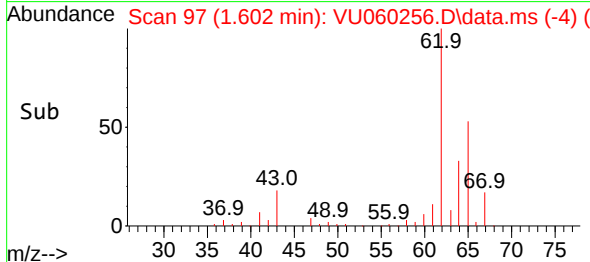
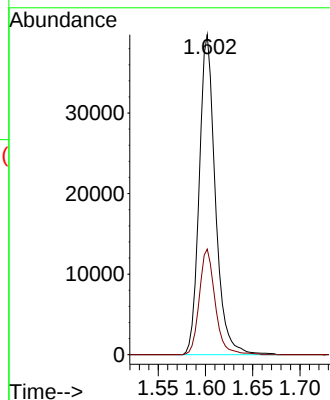
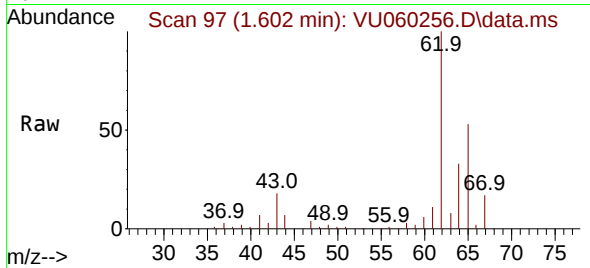




#5
 Vinyl chloride
 Concen: 3.353 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VU060256.D
 Acq: 29 Jul 2024 17:14

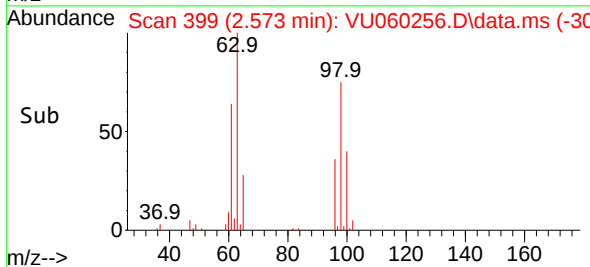
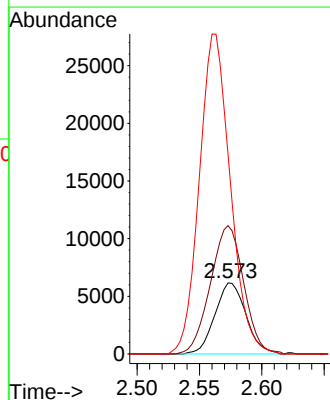
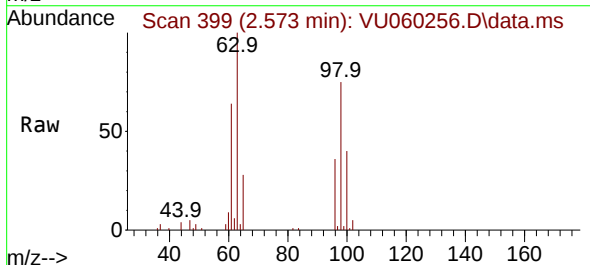
Instrument :
 MSVOA_U
 ClientSampleId :
 BHAW9

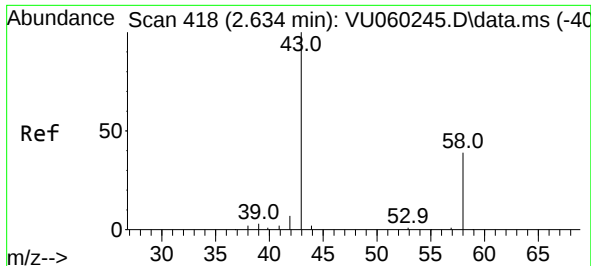
Tgt Ion: 62 Resp: 47126
 Ion Ratio Lower Upper
 62 100
 64 33.0 22.8 42.4



#12
 1,1-Dichloroethene
 Concen: 1.019 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.000 min
 Lab File: VU060256.D
 Acq: 29 Jul 2024 17:14

Tgt Ion: 96 Resp: 10678
 Ion Ratio Lower Upper
 96 100
 61 180.6 107.0 198.6
 63 280.7 76.4 142.0#





#13

Acetone

Concen: 7.174 ug/L

RT: 2.640 min Scan# 418

Delta R.T. 0.006 min

Lab File: VU060256.D

Acq: 29 Jul 2024 17:14

Instrument :

MSVOA_U

ClientSampleId :

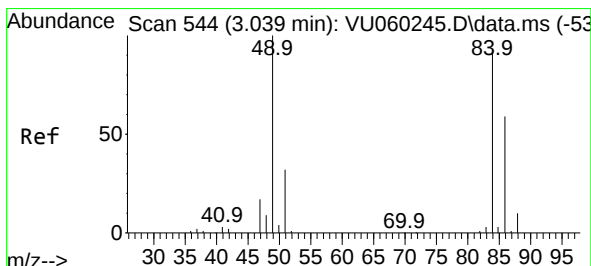
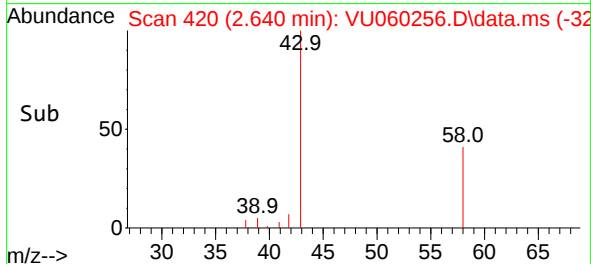
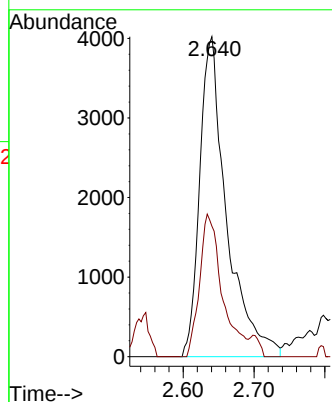
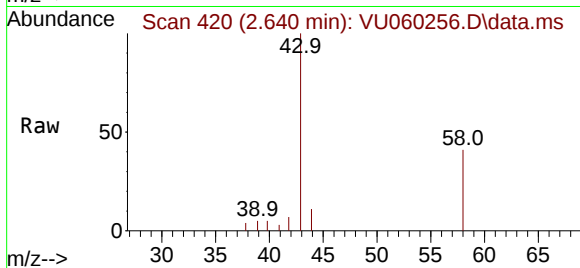
BHAW9

Tgt Ion: 43 Resp: 10596

Ion Ratio Lower Upper

43 100

58 37.6 0.0 82.2



#16

Methylene chloride

Concen: 1.925 ug/L

RT: 3.039 min Scan# 544

Delta R.T. -0.000 min

Lab File: VU060256.D

Acq: 29 Jul 2024 17:14

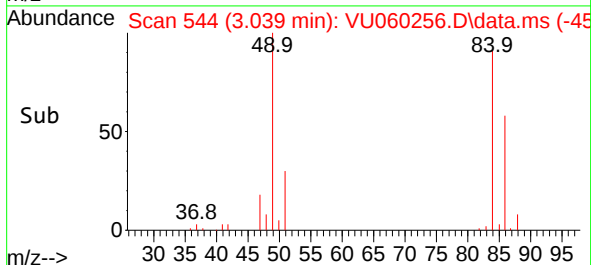
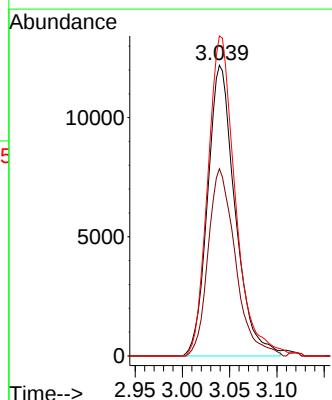
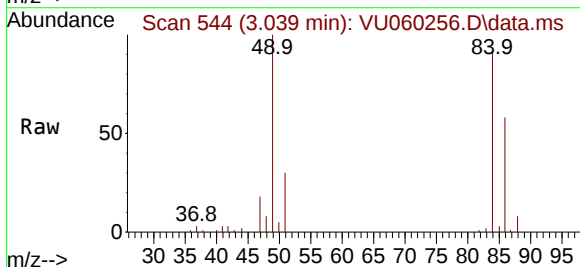
Tgt Ion: 84 Resp: 24733

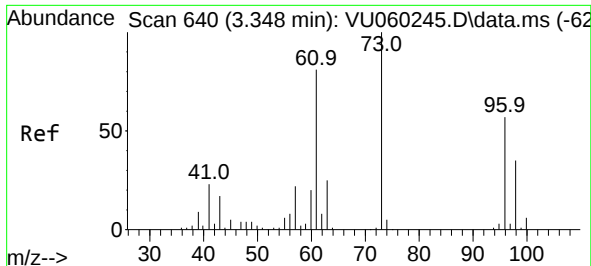
Ion Ratio Lower Upper

84 100

86 64.4 44.4 82.5

49 110.1 72.0 133.6

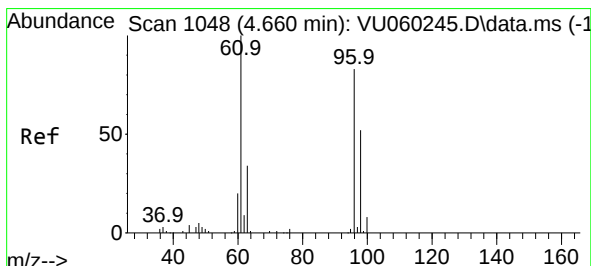
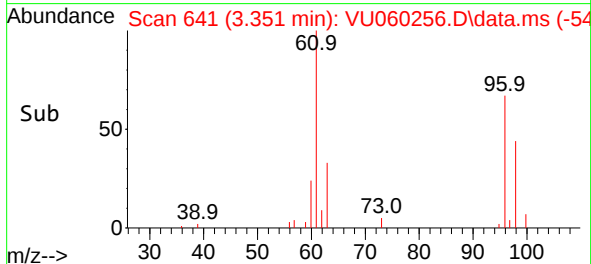
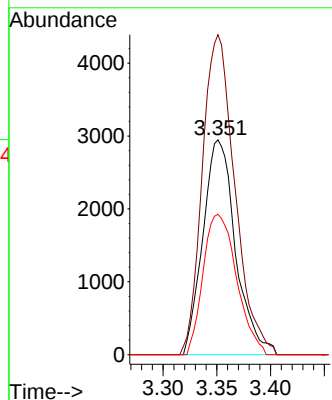
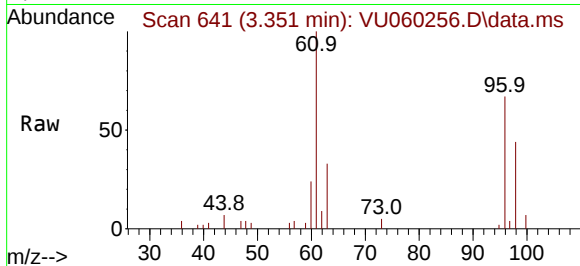




#18
trans-1,2-Dichloroethene
Concen: 0.572 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU060256.D
Acq: 29 Jul 2024 17:14

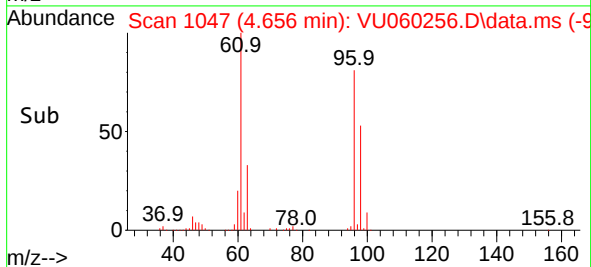
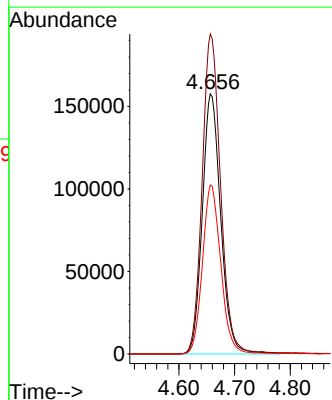
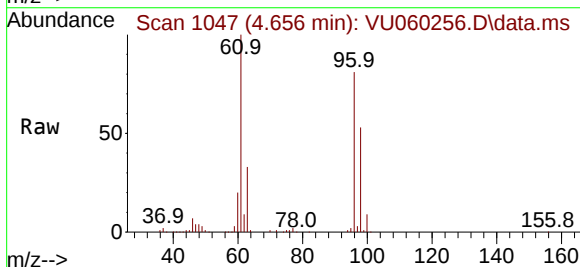
Instrument :
MSVOA_U
ClientSampleId :
BHAW9

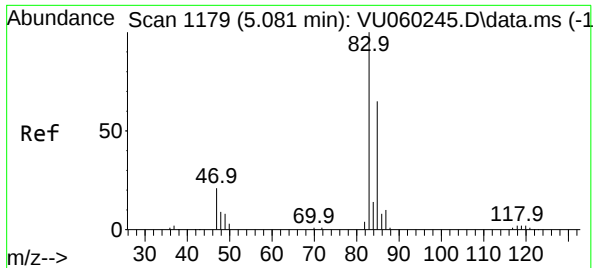
Tgt Ion: 96 Resp: 6229
Ion Ratio Lower Upper
96 100
61 148.9 91.6 170.0
98 65.3 47.7 88.5



#22
cis-1,2-Dichloroethene
Concen: 29.759 ug/L
RT: 4.656 min Scan# 1047
Delta R.T. -0.003 min
Lab File: VU060256.D
Acq: 29 Jul 2024 17:14

Tgt Ion: 96 Resp: 363269
Ion Ratio Lower Upper
96 100
61 123.0 80.2 148.9
98 65.0 44.7 83.1





#25

Chloroform

Concen: 5.835 ug/L

RT: 5.081 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VU060256.D

Acq: 29 Jul 2024 17:14

Instrument :

MSVOA_U

ClientSampleId :

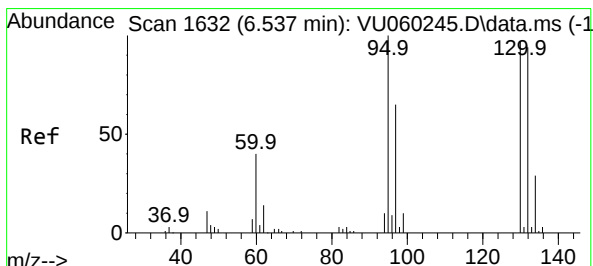
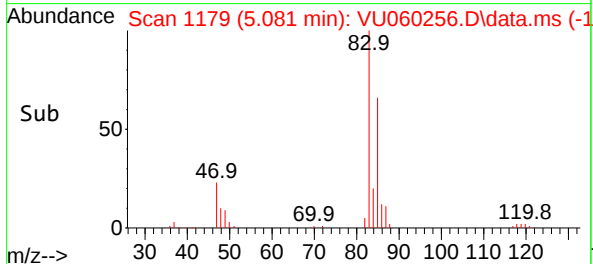
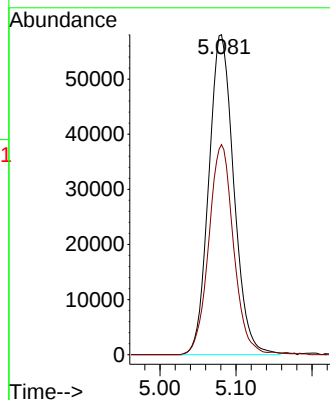
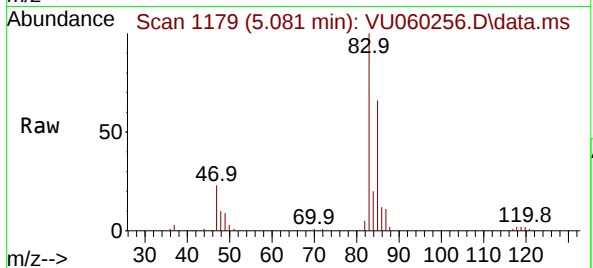
BHAW9

Tgt Ion: 83 Resp: 132784

Ion Ratio Lower Upper

83 100

85 65.6 45.4 84.2



#34

Trichloroethene

Concen: 6.434 ug/L

RT: 6.534 min Scan# 1631

Delta R.T. -0.003 min

Lab File: VU060256.D

Acq: 29 Jul 2024 17:14

Tgt Ion: 95 Resp: 84877

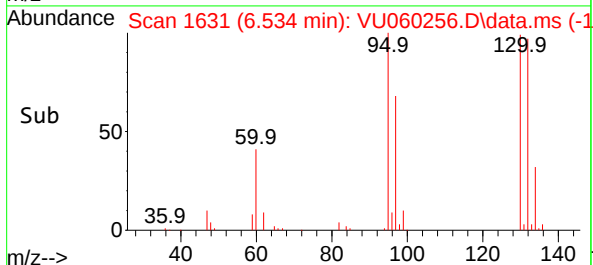
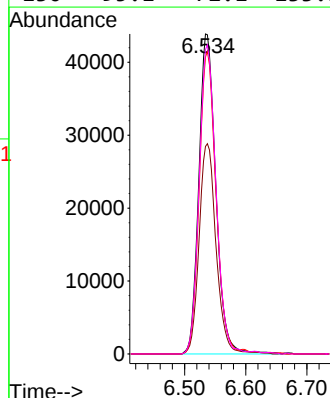
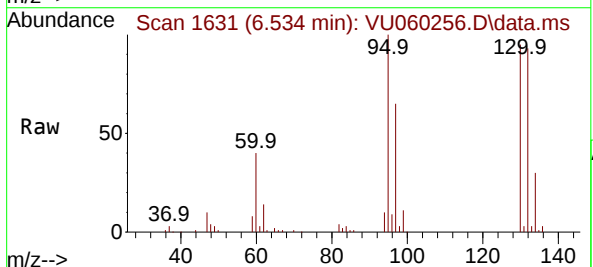
Ion Ratio Lower Upper

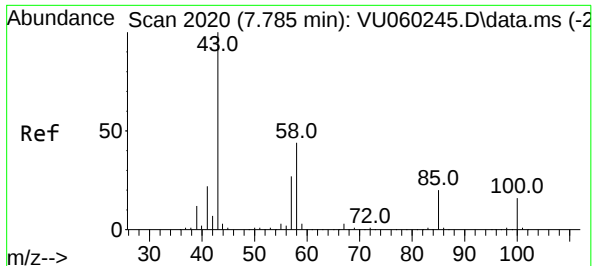
95 100

97 64.9 45.9 85.3

132 92.8 71.4 132.6

130 95.1 72.1 133.9





#40

4-Methyl-2-pentanone

Concen: 0.870 ug/L

RT: 7.791 min Scan# 20

Delta R.T. 0.006 min

Lab File: VU060256.D

Acq: 29 Jul 2024 17:14

Instrument :

MSVOA_U

ClientSampleId :

BHAW9

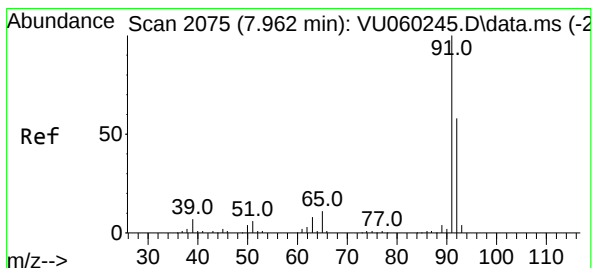
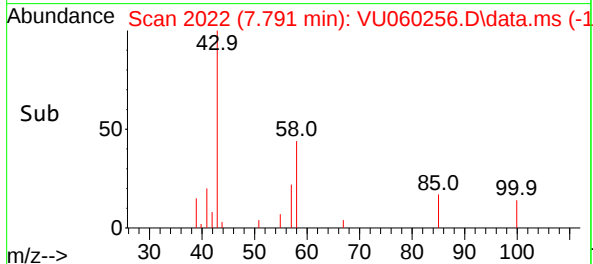
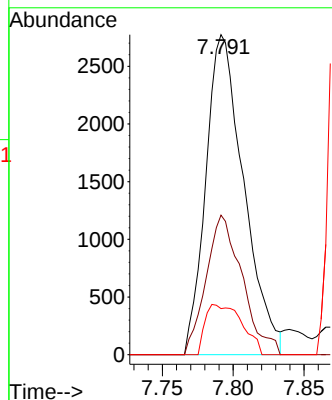
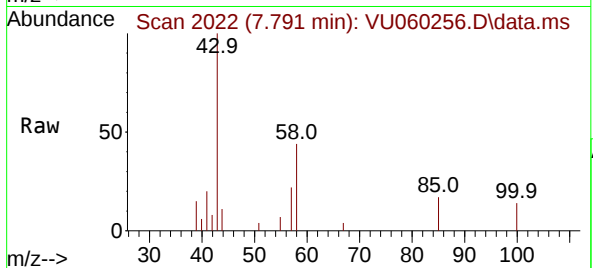
Tgt Ion: 43 Resp: 5170

Ion Ratio Lower Upper

43 100

58 41.5 36.0 54.0

100 0.0 14.9 22.3#



#42

Toluene

Concen: 9.747 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.003 min

Lab File: VU060256.D

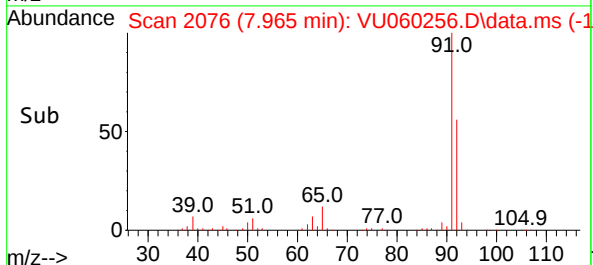
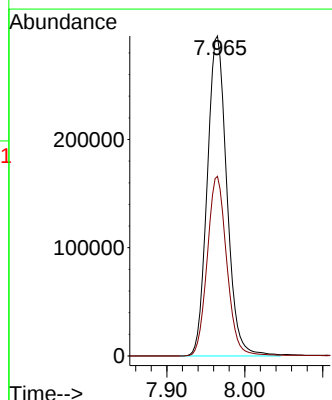
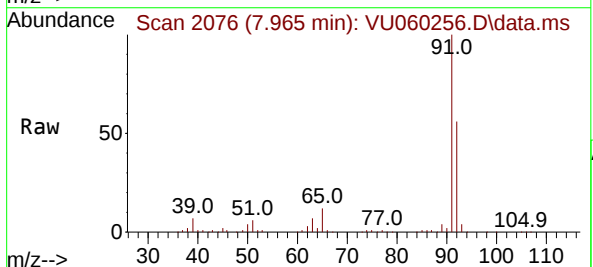
Acq: 29 Jul 2024 17:14

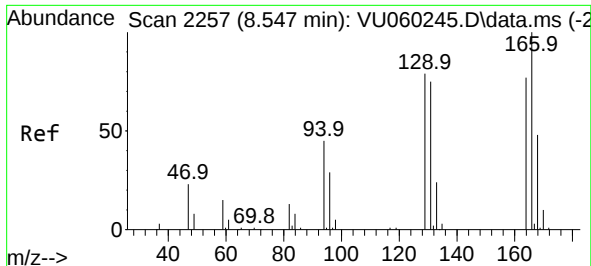
Tgt Ion: 91 Resp: 515921

Ion Ratio Lower Upper

91 100

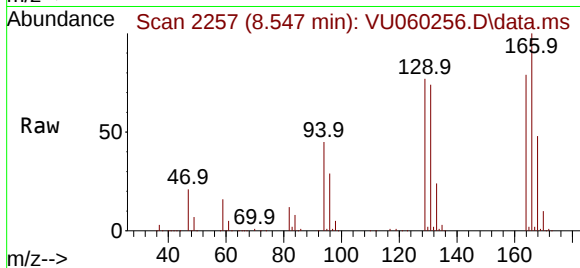
92 56.1 39.8 73.8



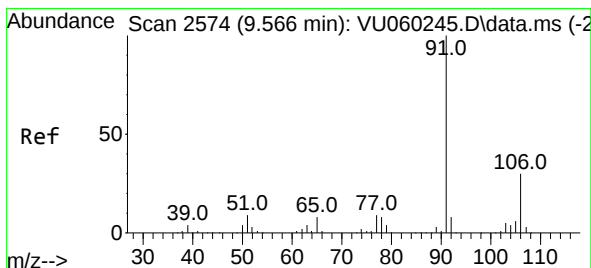
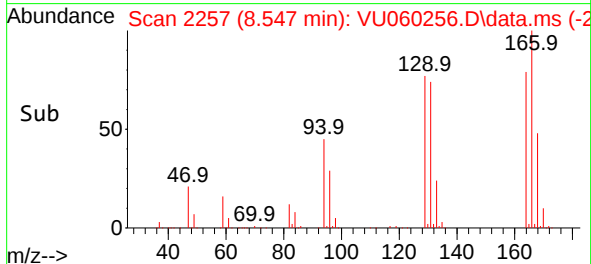
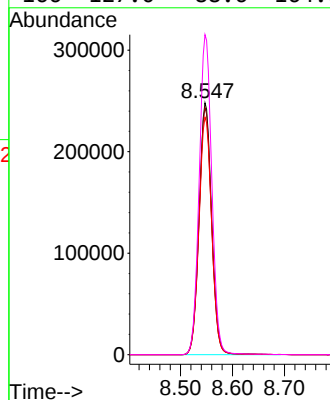


#47
Tetrachloroethene
Concen: 38.305 ug/L
RT: 8.547 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU060256.D
Acq: 29 Jul 2024 17:14

Instrument :
MSVOA_U
ClientSampleId :
BHAW9

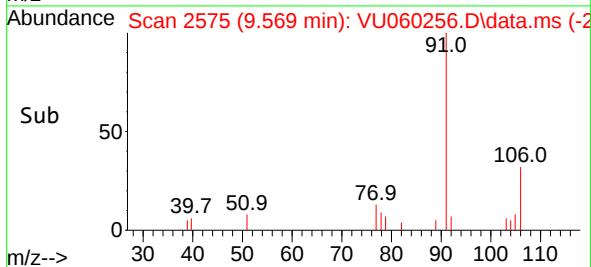
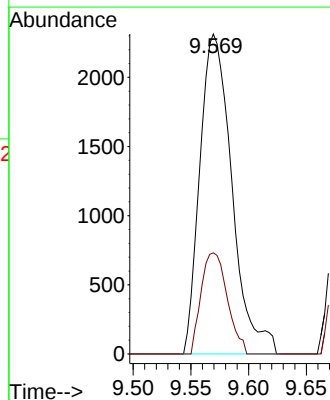
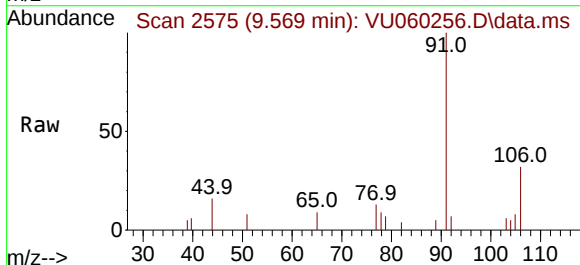


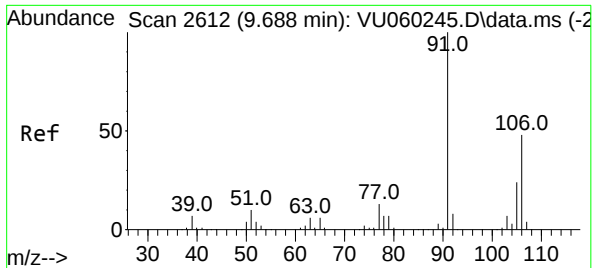
Tgt Ion:164 Resp: 417787
Ion Ratio Lower Upper
164 100
129 98.1 64.6 120.0
131 94.2 61.2 113.8
166 127.0 88.6 164.6



#52
Ethylbenzene
Concen: 0.085 ug/L
RT: 9.569 min Scan# 2575
Delta R.T. 0.003 min
Lab File: VU060256.D
Acq: 29 Jul 2024 17:14

Tgt Ion: 91 Resp: 4465
Ion Ratio Lower Upper
91 100
106 31.6 21.9 40.7





#53
 m,p-Xylene
 Concen: 0.221 ug/L
 RT: 9.692 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VU060256.D
 Acq: 29 Jul 2024 17:14

Instrument :
 MSVOA_U
 ClientSampleId :
 BHAW9

Tgt Ion:106 Resp: 4502
 Ion Ratio Lower Upper
 106 100
 91 199.2 141.3 262.5

